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Planning Commission Staff Report

- Project Type Site Development Plan
- Meeting Date: February 12, 2018
- From: Mike Knight, Project Planner
- Location: North side of Wild Horse Creek Road
- Description: 16915 Wild Horse Creek Road (Fienup Farms): A Site Development Plan, Landscape Plan, Tree Preservation Plan, and Tree Stand Delineation for 223 acres zoned "PUD" Planned Unit Development located on the north side of Wild Horse Creek Road approximately 3,250 feet east of its intersection with Kehrs Mill Road and 4,400 feet west of its intersection with Baxter Road (18U640049, 18U630028, 18U330454, 17U310093, 17U320070, & 17T110201).

SUMMARY

Wild Horse Residential, LLC has submitted a Site Development Plan, Landscape Plan, Tree Preservation Plan, and Tree Stand Delineation for 223 acres zoned "PUD" Planned Unit Development located on the north side of Wild Horse Creek Road approximately 3,250 feet east of its intersection with Kehrs Mill Road and 4,400 feet west of its intersection with Baxter Road. The plans would permit the development of 223 single-family detached homes. The development has 2 entrances and contains various amenities including boat docks, fishing docks, pickle ball courts, and community gardens. The site has one large lake on the western side of the site and a few smaller bodies of water located throughout the site. Landscape buffers are provided along the entire perimeter with roughly 71% tree preservation.

SITE HISTORY

The subject property was zoned "NU" Non-Urban District and "FPNU" Flood Plain Non-Urban District by St. Louis County prior to the incorporation of the City of Chesterfield.

On August 21, 2017, the City of Chesterfield approved Ordinances 2970 and 2971, which zoned the subject site from an "NU" Non-Urban District to an "E-1 AC" Estate District and "PUD" Planned Unit Development, respectively, as part of a two-step zoning process in order to obtain entitlements to develop this tract of land as a single-family residential subdivision. In conjunction with the "PUD"

Planned Unit Development zoning request, a Preliminary Plan was prepared and approved during the zoning process. The proposed Site Development Plan is found to substantially conform to the approved Preliminary Plan.



Figure 1 Subject Site Aerial

SURROUNDING LAND USES

The land uses and zoning for the properties surrounding this parcel are as follows:

| Direction | Surrounding Land Use and Zoning |
|-----------|---|
| North | The subject site is bordered by the Missouri Pacific Rail Road and Bonhomme Creek to the north. The site overlooks Chesterfield Valley and, more specifically the Chesterfield Commons commercial development which is zoned "C-8" Planned Commercial District. |
| South | Across Wild Horse Creek Road to the south are several single-family residential subdivisions, including Bentley Place ("R-1" & "R-1A" with a PEU), Westchester Manor "E-3", Chesterfield Estates ("R-1", "FPR-1", "R-1A" & "FPR-1A" with a PEU), and Eagle Crest Estates ("R-1", "FPR-1" with a PEU). |
| East | Properties east of the site are zoned "FPNU" and "NU" and the Wildhorse Springs single family residential subdivision is zoned "R-2" Residence District with a PEU. |
| West | To the west is the First Baptist Church which is zoned "NU". |

STAFF ANALYSIS

The subject site is located within Ward 4 of the City of Chesterfield. The Citv of Chesterfield's Comprehensive Land Use Plan indicates that the subject site is within the Residential Single-Family district, in which 1 acre or larger development should be encouraged. This PUD conforms to the 1 acre requirement with 223 lots over 223 acres. The site is surrounded by Residential Single Family in all directions, except to the north in which the area designated is Parks/Recreation.

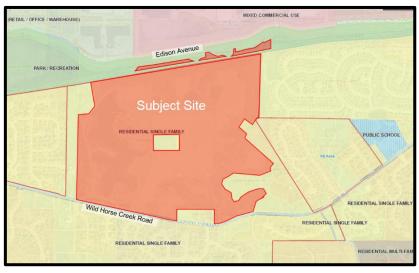


Figure 2: Comprehensive Land Use Plan

Comprehensive Plan Policies

In addition to complying with the Residential Single-Family land use designation, a proposed development should be in general compliance with the Residential Development Policies. These policies are meant to assist residents in creating and preserving neighborhoods. The following is a list of relevant policies within the Comprehensive Plan and how the Site Development Plan (SDP) relates to those policies:

Provide Buffer for Existing Residential Development: Policy 2.1.5

New higher density residential development and non-residential development adjacent to existing residential subdivisions should provide for a substantial landscape buffer and landscaped area between the uses, so as not to minimize the impact on existing residential neighborhoods. The Landscape Buffer requirements for the PUD are defined in the governing ordinance which states that a 30 foot Landscape Buffer shall be required along the perimeters of the PUD as identified on the Preliminary Plan. Staff identified that along almost the entire perimeter of the PUD within the Site Development Plan the landscape buffer is at least 50ft, which far exceeds the requirement.

Reinforce Existing Residential Development Pattern: Policy 2.1.6

New residential development should reinforce existing residential neighborhood patterns by continuing to enforce high quality site and subdivision design, layout, and planning practices. This residential pattern is consistent with the newer subdivisions along Wild Horse Creek Road and designed to incorporate the existing natural features including the large existing lake.

Encourage Planned Residential Development: Policy 2.1.9

Planned residential developments that allow for innovative and flexible site planning, preservation of open space, and a variety of housing opportunities should be encouraged. This is a planned residential

development that capitalizes on the existing features to exceed the open space requirement and provides additional amenities that contribute to the site design.

Residential Subdivision Access: Policy 2.1.12

Residential developments should have more than one (1) access route into and out of the development site or subdivision in order to provide adequate service ability to emergency vehicles. 'Cut-through' of non-residential traffic should be discouraged. This development has two access points to enter and exit the development, both along Wild Horse Creek Road.

Homes in West Sub-Area: Policy 2.3

New residential development west of Wilson Road generally should consist of single-family homes. The Site Development Plan consists of 223 single family homes.

Development Standards

As previously mentioned, the subject site is zoned "PUD" Planned Unit Development and is governed by Ordinance 2971. The SDP proposes to build the maximum number of single family units contained in the development criteria of the site-specific ordinance by providing 223 single family detached homes. The proposed lots vary between the established minimum of 9,400 square feet and maximum of 42,209 square feet in size, consistent with the governing ordinance. All structure setbacks are noted in the ordinance and the SDP calls out typical lot configurations that reflect those setbacks.

Traffic Access/ Access Management

Access to the development is restricted to two (2) entrances off of Wild Horse Creek Road. This portion of Wild Horse Creek Road is maintained by St. Louis County and the internal streets will be publicly maintained by the City of Chesterfield. One gated emergency access point 600 feet west of the western entrance is also allowed per Ordinance 2971. Private access to 17095 Wild Horse Creek Road will remain in place. A new 12' drive will be provided for 17095 Wild Horse Creek Road with a 20' easement. The center of the site is 17041 Wild Horse Creek Road for which access will be maintained throughout the duration of construction. Finally, right of way is dedicated for the realignment of the easternmost access point to align with Riverdale Drive at such time 16931 and 16939 Wild Horse Creek Road develops as directed by the City of Chesterfield. Figure 3 below calls out the approximate location of each access point.

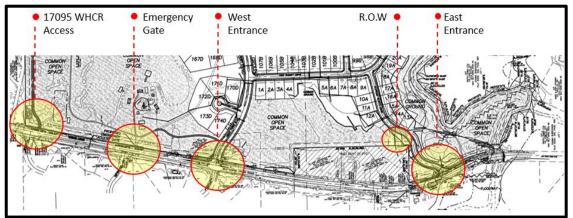


Figure 3: Traffic Access

To address the concern of how this development will impact the level of service of Wild Horse Creek Road, the applicant contracted CBB to conduct a traffic impact study. The purpose of the traffic impact study was to determine the number of trips that would be generated by the proposed residential development; determine the ability of motorists to safely enter and exit the site; and recommend appropriate access locations. High level conclusions of the traffic impact study can be found below:

- Currently, the studied intersections operate at a highly desirable level of service (LOS C or better) during the AM and PM peak hours.
- The proposed development is expected to generate 165 new trips during the AM peak hour and 215 new trips during the PM peak hour.
- The traffic generated will have minimal impact on the studied intersections and continue to operate at highly desirable to acceptable levels during the AM and PM peak hours.
- A westbound right-turn lane is warranted at the proposed east driveway and an eastbound leftturn lane is warranted at the proposed west driveway.
- A signal is not warranted at Wild Horse Creek Road at the proposed west driveway.

The Site Development Plan conforms to all of the recommendations brought forward in the traffic impact study. Images of both entrances from the Site Development Plan can be seen below. The Site Development Plan has a dedicated left turn lane on the West Entrance and a dedicated right turn lane on the East Entrance. The East Entrance also is limited to right in and right out movements, controlled by a center median.

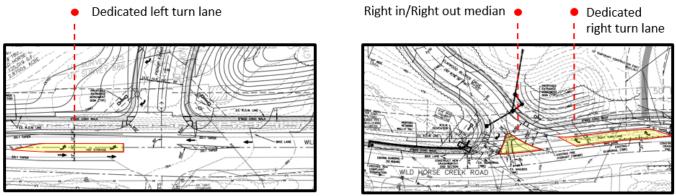


Figure 4: West Entrance

Figure 5: East Entrance

Circulation

Vehicular circulation can be seen through the center of the site with ten (10) internal cul-de-sacs. Pedestrian circulation is present with an internal sidewalk along every roadway and a sidewalk along Wild Horse Creek Road with additional room for a bike lane. Each amenity has pedestrian connections through some sort of trail allowing a pedestrian guided access. There is no connection present on the Site Development Plan for an internal connection within the site to the future trail alignment. One would most likely access via the sidewalk along Wild Horse Creek Road.

Future Trail Alignment

The City of Chesterfield desires a connection from the top of the bluff to the levee trail. The City's goal with a future trail will be to minimize necessary grading, retaining wall and bridge construction, and tree clearing, similar to the approach for the existing Riparian Trail south of Lydia Hill Drive. However, since alternative trail alignments haven't been vetted, the City prefers more flexibility to determine the final trail location in the future.

The plan shows a reserve area for the future pedestrian trail from the eastern property boundary to, in most areas, 50' off of the proposed rear property lines. The 50' buffer from the lots is necessary to meet MSD's water quality



Figure 5: Future Trail

requirements. Figure 5 calls out the approximate area dedicated for future trail alignment in red. This can be seen in detail within the Site Development Plan on pages 3.2 and 3.3. Again the City desires to minimize any impact to construct the trail, and the proposed reserve offers the most flexibility on where the trail can most efficiently be constructed.

Landscaping

A Landscape Plan has been submitted showing the proposed street trees, landscape buffers, and landscape islands to be installed throughout the site. The site specific PUD ordinance for this site requires a 30 ft. landscape buffer along the perimeter of the PUD. The landscape buffer exceeds 50 ft. around most of the perimeter of the PUD.

There is also a provision in the PUD of thirty (30) percent Common Open Space to be displaced throughout the site and not concentrated in one (1) area or contain only that portion of the site that would be considered undevelopable. The Petitioner is proposing to provide 117.6 acres of Common Open Space, which represents just over 52% of the site; this significantly exceeds the 30% minimum requirement for Common Open Space. The Common Open Space areas are dispersed throughout the site.

The SDP features plantings located throughout the centralized common ground area, cul-de-sacs, and entrance median. The street trees provided along the internal road and Wild Horse Creek Road are all approved street tree species and appropriate growth rate guided by the City of Chesterfield Tree List. The Landscape Plan displays an additional 2,225 plantings added to the site.

Tree and Natural Area Preservation

The site specific PUD ordinance for this site requires a minimum of 60% tree preservation. The proposed site has about 53 of 75 acres of tree canopy to remain for roughly 71% tree preservation.

Lighting

The plan proposes street lights along the internal drives and within cul-de-sacs as required by City Code. The proposed street lights are the Early American style Ameren UE approved light fixture which meets all City Code requirements. The light will not be less than 16' above grade. Dusk-to-dawn street lights are proposed to be mounted on existing utility poles along Wild Horse Creek Road. These fixtures are also Ameren UE approved.

Amenities

The governing ordinance of the PUD specifically states that community amenities, including but not limited to boat docks, fishing docks, pickle ball courts, community gardens, playgrounds, fire pit circles with seating, pavilions, and tot lots shall be provided for this development. Below is Figure 6 locating all of the amenities on the Site Development Plan. All of the amenities can be found in four areas, which are labeled A-D and further description can be found in the corresponding table.

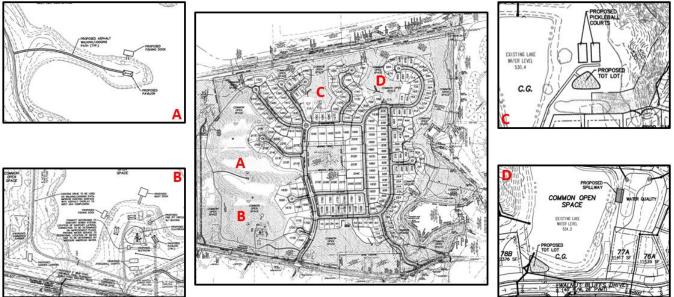


Figure 6: Amenity Location

| Location | Amenity Description |
|----------|--|
| А | Jogging path, fishing dock, and pavilion |
| В | Community garden, pickle ball courts, fishing dock, boat dock, fire pit with seating, pavilion, playground, and restroom, and jogging path |
| С | Pickleball courts and tot lot |
| D | Tot lot |

Architectural Elevations

Multiple developers will be constructing homes within the Fienup Farms development. Staff will review architectural elevations when they are submitted with the Municipal Zoning Approval application as defined by the UDC. The governing ordinance for the PUD states that the development shall adhere to the architectural review standards of the City of Chesterfield code. This includes items such as:

- Use architectural elements and materials matching the front facade on the sides and rear of the structure where the facade is visible from streets external to the subdivision.
- Avoid long uninterrupted building surfaces and materials or designs that cause glare.
- Primary building material shall be extended and installed so that no more than twelve (12) inches of concrete foundation wall is exposed.

Also within the governing ordinance it states that the exterior building materials for this development shall consist of brick, stone, and/or hardie board siding, and architectural shingles.

Landscape Buffer Request

A small modification to the 30' landscape buffer was requested by the applicant. The request was approved by the Director of Planning and Development Services. The request was due to the limited area between the common property line and the existing pond that the project is attempting to not impact near the eastern driveway access. As shown on Figure 7; the 30' landscape buffer is only impacted for a small portion of the 223 acre site.

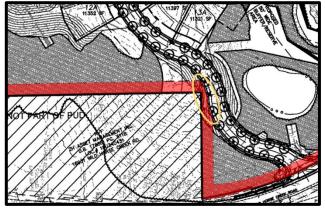


Figure 7: Buffer Request

DEPARTMENT INPUT

Staff has reviewed the Site Development Plan, Landscape Plan, Tree Preservation Plan, and Tree Stand Delineation, and has found the proposal to be in compliance with the site specific ordinance, the Comprehensive Plan, and all City Code requirements. Staff recommends approval of the proposal as presented.

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 Plan, Landscape Plan, Tree Preservation Plan, and Tree Stand Delineation for the Fienup Farms subdivision.
- 2) "I move to approve the Site Development Plan, Landscape Plan, Tree Preservation Plan, and Tree Stand Delineation for the Fienup Farms subdivision, with the following conditions..." (Conditions may be added, eliminated, altered or modified)

Respectfully submitted,

Joseph Might

Joseph Knight Project Planner

Attachments

- 1. Site Development Plan
- 2. Landscape Plan
- 3. Tree Stand Delineation
- 4. Tree Preservation Plan

GENERAL NOTES:

- 1. THIS SITE IS IN THE FOLLOWING DISTRICTS: METROPOLITAN ST. LOUIS SEWER DISTRICT MONARCH FIRE PROTECTION DISTRICT ROCKWOOD R-6 SCHOOL DISTRICT
- 2. THIS SITE IS IN THE FOLLOWING UTILITY SERVICE AREAS: MISSOURI AMERICAN WATER COMPANY AMEREN UE AT&T
 - LACLEDE GAS COMPANY CHARTER COMMUNICATIONS
- SANITARY SEWER CONSTRUCTION AND CONNECTIONS SHALL BE AS APPROVED BY THE METROPOLITAN ST. LOUIS SEWER DISTRICT AND IN ACCORDANCE WITH THE STANDARD CONSTRUCTION SPECIFICATIONS FOR SEWERS AND DRAINAGE FACILITIES.
- STORM WATER SYSTEM SHALL BE DESIGNED PURSUANT TO THE CITY OF CHESTERFIELD AND METROPOLITAN ST. LOUIS SEWER DISTRICT REQUIREMENTS AND DISCHARGE AT AN ADEQUATE NATURAL DISCHARGE POINT. SINKHOLES ARE NOT ADEQUATE DISCHARGE POINTS.
- 5. NO SLOPES SHALL EXCEED 3 (HORIZONTAL) TO 1 (VERTICAL), UNLESS JUSTIFIED BY GEOTECHNICAL REPORT WHICH HAS BEEN ACCEPTED/APPROVED BY THE CITY OF CHESTERFIELD. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF SLOPES IN EXCESS OF 3:1. STEEP SLOPES ARE SUBJECT TO THE REVIEW AND APPROVAL OF THE CITY OF CHESTERFIELD. REVIEW OF THE PROPOSED STEEP SLOPE WILL BE CONCURRENT WITH THE REVIEW OF THE GRADING PERMIT OR IMPROVEMENT PLANS FOR THE PROJECT.
- THE LOCATION OF STORM AND SANITARY SEWER IMPROVEMENTS ARE APPROXIMATE ONLY. ACTUAL LOCATION SHALL BE DETERMINED BY FIELD CONDITIONS AND SHALL BE INDICATED ON THE IMPROVEMENT PLANS.
- GRADING SHALL BE PER CITY OF CHESTERFIELD STANDARDS. SOURCE OF TOPOGRAPHY FIELD SURVEY AND AERIAL SURVEY DATA.
- 8. STREET TREES AND STREET LIGHTS (UNLESS OTHERWISE DEPICTED) SHALL BE PER CITY OF CHESTERFIELD STANDARDS
- 9. NEAREST MAJOR INTERSECTION IS WILD HORSE CREEK ROAD AND LONG ROAD.
- 10. ALL SIDEWALKS SHALL BE CONSTRUCTED TO ADA AND THE CITY OF CHESTERFIELD STANDARDS
- FIENUP FARM, INC. 17047 WILD HORSE CREEK ROAD 11. EXISTING OWNERS:

CHESTERFIELD, MISSOURI 63005 WILBUR G. FIENUP REVOCABLE TRUST 17047 WILD HORSE CREEK ROAD CHESTERFIELD, MISSOURI 63005

HELEN FIENUP UNIFIED CREDIT TRUST

17047 WLD HORSE CREEK ROAD CHESTERFIELD, MISSOURI 63005

- 12. SITE TO CONFORM TO THE CITY OF CHESTERFIELD TREE REQUIREMENTS.
- 13. MAXIMUM HEIGHT OF THE RESIDENCES WILL NOT EXCEED 50 FEET.
- 14. SITE PLAN WILL MEET ALL APPLICABLE CITY OF CHESTERFIELD REQUIREMENTS
- 15. LANDSCAPE EASEMENTS ARE ESTABLISHED AS A PROTECTED AREA FOR VEGETATIVE LANDSCAPING ONLY. STRUCTURES OF ANY SIZE, WHETHER TEMPORARY OR PERMANENT, ARE NOT PERMITTED WITHIN LANDSCAPE EASEMENTS. TRAILS SHALL BE ALLOWED WITHIN THE LANDSCAPE EASEMENTS. LANDSCAPING AS APPROVED BY THE CITY OF CHESTERFIELD DURING SITE PLAN REVIEW IS REQUIRED TO BE MAINTAINED AND PRESERVED INDEFINITELY BY THE HOME OWNERS ASSOCIATION. FAILURE TO MAINTAIN OR PRESERVE LANDSCAPE EASEMENTS MAY RESULT IN INSPECTION AND ISSUANCE OF FINES BY THE CITY OF CHESTERFIELD, THIS LANGUAGE SHALL BE INCLUDED ON ALL PLANS, PLATS, ORDINANCES, SUBDIVISION INDENTURES, AND OTHER APPROPRIATE (WRITTEN) DOCUMENTS FOR THIS DEVELOPMENT.
- 16. ALL PROPOSED UTILITIES SHALL BE INSTALLED UNDERGROUND.
- 17. ANY MONUMENT SIGNS PROPOSED FOR THE DEVELOPMENT REQUIRES A SEPARATE APPROVAL PROCESS THRU
- 18. STREETS SHALL BE PUBLIC 40'W. R.O.W. WITH 26'W. PVMT. EXCEPT FOR FIENUP FARMS BLVD. WHICH WILL BE PARTIALLY A 70' WDE R.O.W., PARTIALLY A 60' WDE R.O.W., AND BUILT TO THE CITY OF CHESTERFIELD STANDARDS.
- 19. A MINIMUM OF THIRTY PERCENT (30.0%) COMMON OPEN SPACE SHALL BE REQUIRED FOR THIS PUD.
- 20. A MINIMUM OF SIXTY PERCENT (60.0%) TREE PRESERVATION SHALL BE REQUIRED FOR THIS PUD. THE EXISTING PRIVATE DRIVEWAY ENTRANCE THAT SERVES 17041 MLD HORSE CREEK ROAD MAY REMAIN IN PLACE AND SHALL CONNECT TO FIENUP FARMS BLVD. AS SHOWN ON THE PRELIMINARY PLAN. CONTINUOUS ACCESS TO THIS PROPERTY SHALL BE PROVIDED THROUGHOUT THE DURATION OF CONSTRUCTION UNLESS OTHERWISE APPROVED BY THE RESIDENT/OWNER AND THE CITY OF CHESTERFIELD
- 22. ALL PROPOSED IMPROVEMENTS WITHIN WILD HORSE CREEK ROAD RIGHT-OF-WAY SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY STANDARDS.
- 23. ALL PROPOSED ACCESS TO ST. LOUIS COUNTY ROADS SHALL MEET MINIMUM ST. LOUIS COUNTY SIGHT DISTANCE REQUIREMENTS.
- 24. ALL SIDEWALKS AND ASSOCIATED ACCESSIBILITY IMPROVEMENTS WITHIN WILD HORSE CREEK ROAD RIGHT-OF-WAY AND IN EASEMENT DIRECTLY ADJACENT TO WILD HORSE CREEK ROAD RIGHT-OF-WAY SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY ADA STANDARDS.
- 25. IF EXISTING SIDEWALK/PATH IS PRESENT, A SIGNED/SEALED NOTE SHALL BE ADDED TO THE CONSTRUCTION PLANS INDICATING THAT THE UNIMPROVED EXISTING SIDEWALK/PEDESTRIAN PATH ALONG THE PROJECT FRONTAGE MEETS CURRENT ST. LOUIS COUNTY ADA STANDARDS.
- 26. ALL GRADING AND DRAINAGE WITHIN WLD HORSE CREEK ROAD RIGHT-OF-WAY SHALL BE IN CONFORMANCE WITH ST. LOUIS COUNTY AND MSD STANDARDS.
- 27. ALL HYDRANTS, POWER POLES OR OTHER POTENTIAL OBSTRUCTIONS WITHIN THE ST. LOUIS COUNTY ROAD RIGHT-OF-WAY SHALL HAVE A MINIMUM TWO (2) FOOT SETBACK FROM FACE OF CURB OR EDGE OF PAVEMENT, AS DIRECTED BY THE ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC.
- 28. ANY ENTITY THAT PERFORMS WORK ON ST. LOUIS COUNTY MAINTAINED PROPERTY SHALL PROVIDE THE COUNTY WITH A CERTIFICATE OF INSURANCE EVIDENCING GENERAL LIABILITY COVERAGE (BODILY INJURY AND PROPERTY DAMAGE) IN THE AMOUNTS SPECIFIED AS THE LIMITS OF LIABILITY SET BY THE STATE FOR PUBLIC ENTITIES. SUCH CERTIFICATE SHALL INCLUDE "ST. LOUIS COUNTY" AS AN ADDITIONAL INSURED AND SHALL BE PROVIDED PRIOR TO THE ISSUANCE OF ANY PERMIT. CERTIFICATE SHALL PROVIDE FOR A 30 DAY POLICY CANCELLATION NOTICE TO ST. LOUIS COUNTY. UPON REQUEST, THE COUNTY WILL PROVIDE THE SPECIFIC AMOUNTS FOR BOTH PER PERSON AND PER OCCURRENCE LIMITS.
- PRIOR TO "SPECIAL USE PERMIT" ISSUANCE BY THE ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND 29 TRAFFIC, A SPECIAL CASH ESCROW OR A SPECIAL ESCROW SUPPORTED BY AN IRREVOCABLE LETTER OF CREDIT, MAY BE REQUIRED TO BE ESTABLISHED WITH THE ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC TO GUARANTEE COMPLETION OF THE REQUIRED ROADWAY IMPROVEMENTS.

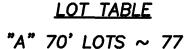
SITE INFORMATION

| LOCATOR NUMBERS: | 180640049, 180630028, | 18U330454, 17U310093, 17U320070, 17T110201 | | | | |
|---|--|--|--|--|--|--|
| EXISTING ZONING: | PUD (PLANNED UNIT DEVELOPMENT) | | | | | |
| GROSS AREA OF SITE: | 223.1 ACRES | | | | | |
| DENSITY CALCULATIONS: | 223.1 AC.X 43.560 SQ.FT./ (43,560 SQ.FT./LOT) | | | | | |
| MINIMUM LOT SIZE: | 9,400 S.F. | | | | | |
| MAXIMUM LOT SIZE: | 42,209 S.F. | | | | | |
| MAXIMUM NUMBER OF UNITS | ALLOWED: | 223 | | | | |
| NUMBER OF UNITS PROPOSED | : | 223 | | | | |
| LOT DEVELOPMENT REQUIREME | ENTS: | SEE SHEET 1.2 | | | | |
| NUMBER OF PARKING SPACES | REQUIRED: | TWO PER UNIT = 446 SPACES | | | | |
| MINIMUM NUMBER OF PARKING | G SPACES PROVIDED: | 446 | | | | |
| RIGHT-OF-WAY AREA = 32.03 ACRES | | | | | | |
| COMMON GROUND = 125.75 ACRES WHICH EQUALS 56.3% OF THE SITE | | | | | | |

COMMON OPEN SPACE = 117.63 ACRES WHICH EQUALS 52.7% OF THE SITE (117.63 ACRES IS A PORTION OF THE 125.75 ACRES OF COMMON GROUND)

FLOOD MAP: FEMA PANEL 29189C0163K DATED: FEB. 4, 2015

TRACTS OF LAND BEING PART OF "TRACT A" OF A RESUBDIVISION OF LOT "A" OF FIENUP TRACT, A MINOR SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 227 PAGE 99 AND BEING PART OF U.S. SURVEY 125, 886 AND 2031 IN TOWNSHIP 45 NORTH, RANGE 4 EAST OF THE FIFTH PRINCIPAL MERIDIAN, CITY OF CHESTERFIELD, SAINT LOUIS COUNTY, MISSOURI



| "B" | 80' | LOTS | ~ |
|-----|------|--------|---|
| "C" | 90' | LOTS | ~ |
| "D" | 100' | ' LOTS | |
| "Е" | 110' | LOTS | |

TOTAL LOTS ~ 223

GEOTECHNICAL ENGINEER'S STATEMENT:

ENGINEERING, INC. IN JANUARY OF 2017.

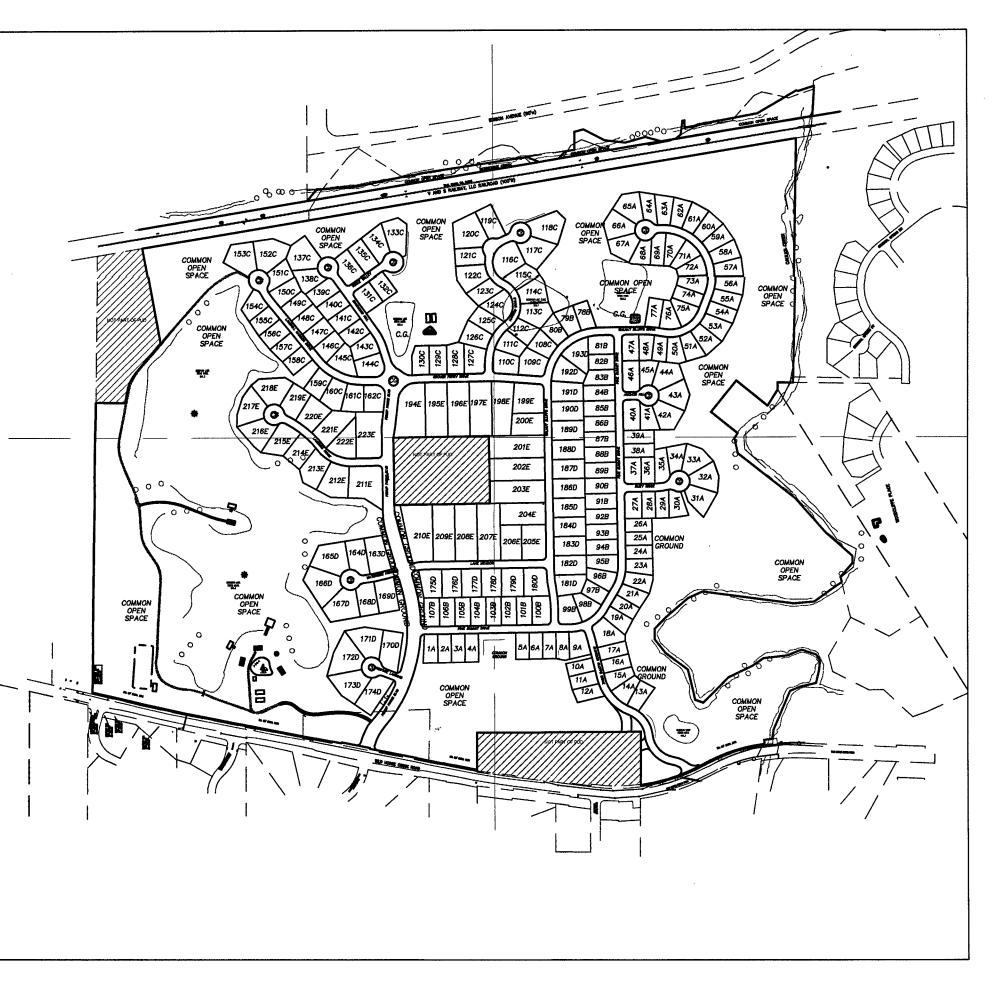
TO THE STABILITY OF THE EARTH SLOPES AND SINKHOLES.

ACCORDANCE WITH THESE PLANS.

JACOBI GEOTECHNICAL ENGINEERING, INC.

Fienup Farms

Site Development Plan



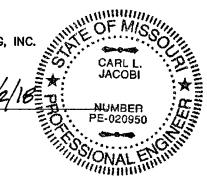
~ 30 ~ 55 ~ 31 ~ 30

THESE PLANS HAVE BEEN REVIEWED BY JACOBI GEOTECHNICAL ENGINEERING, INC. FOR THEIR COMPLIANCE REGARDING GEOTECHNICAL RECOMMENDATIONS RELATIVE TO SITE DEVELOPMENT. BASED ON THIS REVIEW AND AVAILABLE SUBSURFACE INFORMATION, IT IS OUR OPINION THAT THE SITE MAY BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, GOOD CONSTRUCTION PRACTICES, AND THE RECOMMENDATIONS GIVEN IN THE GEOTECHNICAL REPORT PREPARED BY JACOBI GEOTECHNICAL

TREE INFORMATION

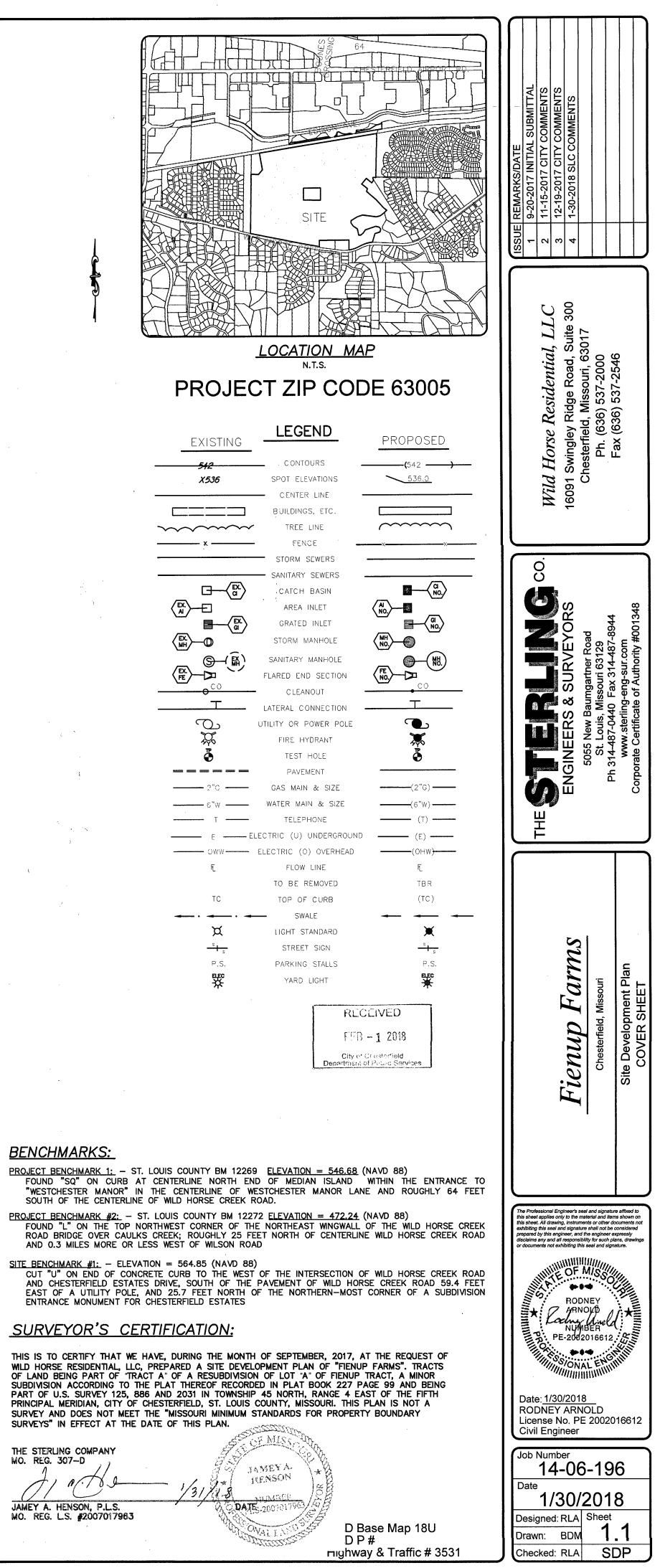
SEE TREE STAND DELINEATION

- WE HAVE NOT PREPARED ANY PART OF THESE PLANS AND MY SEAL ON THESE PLANS IS INTENDED ONLY TO CONFIRM MY PERSONAL REVIEW AND APPROVAL TO THE SITE GRADING PLAN AS IT RELATES
- JACOBI GEOTECHNICAL ENGINEERING, INC. MUST BE INVOLVED DURING THE CONSTRUCTION PHASE OF THIS PROJECT IN ORDER TO DETERMINE IF SUBSURFACE CONDITIONS RELATIVE TO SITE GRADING ARE IMPLEMENTED, AND THAT OTHER GEOTECHNICAL ASPECTS OF SITE DEVELOPMENT ARE PERFORMED IN



SHEET INDEX

COVER SHEET SITE DETAILS 1.2 **OVERALL SITE PLAN** 2.1 SITE DEVELOPMENT PLAN 3.1-3.4 NATURAL RESOURCES MAP 4.1 L0-L6 LANDSCAPE PLAN TSD0-TSD5 TREE STAND DELINEATION TPP0-TPP5 TREE PRESERVATION PLAN



PROPERTY DESCRIPTION (AS SURVEYED):

PARCELS 1, 2 AND 4:

A TRACT OF LAND BEING ALL OF ADJUSTED TRACT "A" OF FIENUP FARM – BOUNDARY ADJUSTMENT PLAT, A SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK _____, PAGES _____ OF THE ST. LOUIS COUNTY, MISSOURI RECORDS, A TRACT OF LAND BEING PART OF U.S. SURVEY 125 IN TOWNSHIP 45 NORTH, RANGE 4 EAST, AND A TRACT OF LAND BEING PART OF U.S. SURVEYS 125 AND 886 IN TOWNSHIP 45 NORTH, RANGE 4 EAST, ALL LOCATED IN U.S. SURVEYS 125, 886 AND 2031, TOWNSHIP 45 NORTH, RANGE 4 EAST OF THE FIFTH PRINCIPAL MERIDIAN, CITY OF CHESTERFIELD. ST. LOUIS COUNTY, MISSOURI AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS

COMMENCING AT THE NORTHWESTERN CORNER OF A TRACT OF LAND CONVEYED TO FIENUP FARM INC, RECORDED IN BOOK 13401, PAGE 1842 OF THE ABOVE MENTIONED RECORDS; THENCE PROCEEDING ALONG THE WESTERN LINE OF SAID FIENUP FARM INC. TRACT, SOUTH 00°46'25" WEST, 115.50 FEET TO A FOUND IRON ROD LOCATED ON THE NORTHERN RIGHT-OF-WAY OF WILD HORSE CREEK ROAD (VARIABLE WIDTH), SAID POINT BEING DISTANT 35.00 FEET LEFT OF CENTERLINE STATION 213+18.33 OF WILD HORSE CREEK ROAD, ESTABLISHED BY COURT ORDER RECORDED IN BOOK 1259, PAGE 67 OF THE ABOVE MENTIONED RECORDS, SAID CORNER ADDITIONALLY BEING DISTANT SOUTH 00°46'25" WEST, 15.47 FEET FROM THE NORTHERN LINE OF U.S URVEY 886, AND BEING THE POINT OF BEGINNING OF THE HEREIN DESCRIBED TRACT OF LAND; THENCE LEAVING THE WESTERN LINE OF SAID FIENUP FARM INC. TRACT AND PROCEEDING ALONG THE NORTHERN RIGHT-OF-WAY OF SAID WILD HORSE CREEK ROAD (VARIABLE WIDTH) PARALLEL TO A DISTANT 35.00 FEET NORTHWARDLY OF THE CENTERLINE OF SAID WILD HORSE CREEK ROAD (VARIABLE WIDTH), THE FOLLOWING COURSES, DISTANCES, AND CURVES: NORTH 78'55'20" WEST, 619.79 FEET TO A POINT OF CURVATURE; THENCE ALONG AN ARC TO THE RIGHT, AN ARC LENGTH OF 195.47 FEET, A RADIUS OF 5.694.65 FEET, THE CHORD OF WHICH BEARS NORTH 77'56'20" WEST, 195.46 FEET TO A POINT OF CANGENCY; THENCE NORTH 76'54'48" WEST, 295.57 FEET TO A POINT LOCATED ON THE EASTERN LINE OF A TRACT OF LAND CONVEYED TO FIRST BAPTIST CHURCH OF CHESTERFIELD, RECORDED IN BOOK 11098, PAGE 1382, SAID POINT BEING LOCATED 35.00 FEET LEFT OF CENTERLINE STATION 202+06.28 OF WILD HORSE CREEK ROAD (VARIABLE WIDTH), AS ESTABLISHED BY COURT ORDER RECORDS, FROM WHICH POINT AN IRON PIPE BEARS SOUTH 00°50'50" WEST, 4.92 FEET; THENCE LEAVING THE NORTHERN RIGHT-OF-WAY OF WILD HORSE CREEK ROAD (VARIABLE WIDTH), AS ESTABLISHED BY COURT ORDER RECORDED IN BOOK 1161, PAGE 245 OF THE ABOVE MENTIONED RECORDS, FROM WHICH POINT AN IRON PIPE BEARS SOUTH 00°50'50" WEST, 4.92 FEET; THENCE LEAVING THE NORTHERN RIGHT-OF-WAY OF WILD HORSE CREEK ROAD (VARIABLE WIDTH) AND PROCEEDING ALONG THE EAS

THE EASTERN LINE OF TRACT "B" OF FIENUP TRACT, A SUBDIVISION RECORDED IN PLAT BOOK 219, PAGE 48 OF THE ABOVE MENTIONED RECORDS; THENCE PROCEEDING ALONG THE EASTERN LINE OF SAID TRACT "B" AND ITS SOUTHWARDLY PROLONGATION, NORTH 10°22'30" WEST, 503.71 FEET TO A FOUND IRON PIPE LOCATED ON THE NORTHEASTERN CORNER OF SAID TRACT "B", SAID CORNER BEING LOCATED ON THE SOUTHERN RIGHT-OF-WAY OF V AND S RAILWAY, LLC RAILROAD (100 FEET WIDE), RECORDED IN BOOK 21400, PAGE 3467 OF THE ABOVE MENTIONED RECORDS; THENCE PROCEEDING ALONG THE SOUTHERN RIGHT-OF-WAY OF SAID V AND S RAILWAY, LLC RAILROAD (100 FEET WIDE), NORTH 80°30'54" EAST, 876.90 FEET TO A FOUND IRON PIPE, FROM WHICH POINT A FOUND AXLE BEARS SOUTH 80°30'54" WEST, 9.00 FEET; THENCE CONTINUING ALONG SAID SOUTHERN RAILROAD RIGHT-OF-WAY, NORTH 80°30'06" EAST, 2,569.66 FEET TO A FOUND IRON PIPE LOCATED ON THE WESTERN LINE OF THE PARTITION OF THE BACON ESTATE AND THE NORTHWESTERN CORNER OF THE COMMON GROUND OF CHESTERFIELD FARMS PLAT TWO, A SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 326, PAGES 18-20 OF THE ABOVE MENTIONED RECORDS, THENCE ALONG THE WESTERN LINE OF SAID COMMON GROUND AND PARTITION OF THE BACON ESTATES, SOUTH 01°0'32" WEST, 1,276.12 FEET TO THE SOUTHWESTERN CORNER OF THE COMMON GROUND OF THE FOREMENTIONED CHESTERFIELD FARMS PLAT TWO, SAID CORNER BEING LOCATED ON THE NORTHERN LINE OF THE COMMON GROUND OF WILDHORSE SPRINGS PLAT THREE, A SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED N FLAT BOOK 321, 1,276.12 FEET TO THE SOUTHWESTERN CORNER OF THE COMMON GROUND OF SAID WILDHORSE SPRINGS PLAT THREE, NORTH 89°16'37" WEST, 80.71 FEET TO THE NORTHERN LINE OF FLE COMMON GROUND OF SAID WILDHORSE SPRINGS PLAT THREE, NORTH 89°16'37" WEST, 80.71 FEET TO THE NORTHWESTERN CORNER OF SAID COMMON GROUND, SOUTH 02°12'35" EAST, 36.61 FEET TO THE NORTHEASTERN CORNER OF LOT 2 OF CITTADINO PLACE LARGE LOT SUBDIVISION, A SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 345, PAGE 613 OF THE ABOVE MENTIONED RECORDS; THENCE PROCEEDING ALONG T

EAST, 176.29 FEET TO A POINT ON THE WEST BANK OF CAULKS CREEK, ALSO BEING THE WESTERN LINE OF SAID LOT 2 OF CITTADINO PLACE: THENCE PROCEEDING ALONG THE MEANDERING OF THE WESTERN BANK OF CAULKS CREEK, THE FOLLOWING COURSES AND DISTANCES: THENCE SOUTH 32°08'20" WEST, 30.55 FEET; THENCE SOUTH 12°12'03" EAST, 80.00 FEET; THENCE SOUTH 51°59'22" EAST, 380.00 FEET; THENCE SOUTH 41°25'34" EAST, 245.00 FEET; THENCE SOUTH 48°35'22" EAST, 179.00 FEET; THENCE SOUTH 02°27'50" EAST, 36.00 FEET; THENCE SOUTH 40°28'57" WEST 97.00 FEET TO A POINT ON THE WESTERN LINE OF THE AFOREMENTIONED LOT 2 OF CITTADINO PLACE LARGE LOT SUBDIVISION; THENCE LEAVING SAID WESTERN BANK OF CAULKS CREEK AND PROCEEDING ALONG THE WESTERN LINE OF SAID LOT 2. SOUTH 13°52'01" FAST, 26 45 FEET TO A POINT IN THE CENTERLINE OF SAID CALL IS CREEK THENCE LEAVING SAID WESTERN LINE OF LOT 2 AND PROCEEDING ALONG THE MEANDERING CENTERLINE OF CAULKS CREEK THE FOLLOWING COURSES AND DISTANCES: THENCE SOUTH 53°54'57" WEST, 175.50 FEET; THENCE SOUTH 84°59'56" WEST, 109.24 FEET; THENCE NORTH 82°23'45" WEST, 475.36 FEET; THENCE SOUTH 65°31'06" WEST, 81.01 FEET; THENCE SOUTH 48°59'50" WEST, 147.96 FEET; THENCE SOUTH 43°56'55' WEST, 90.98 FEET; THENCE SOUTH 01°35'57" EAST, 54.83 FEET; THENCE SOUTH 37°24'53" EAST, 87.39 FEET; THENCE SOUTH 53°05'55" EAST, 146.54 FEET; THENCE SOUTH 12°31'43" EAST, 163.2 FEET: THENCE SOUTH 70°22'17" EAST, 44.57 FEET: THENCE NORTH 44°26'07" EAST, 185.44 FEET; THENCE NORTH 64°18'10" EAST, 137.92 FEET; THENCE NORTH 54°56'38" EAST, 72.15 FEET; THENCE NORTH 83°32'31" EAST, 123.88 FEET; THENCE NORTH 68°43'16" EAST, 81.25 FEET; THENCE SOUTH 72°03'00" EAST, 80.37 FEET; THENCE SOUTH 31°16'48" EAST, 36.22 FEET; THENCE SOUTH 05°05'09' WEST, 51.83 FEET; THENCE SOUTH 13°33'00" WEST, 68.81 FEET; THENCE SOUTH 77°01'24" WEST, 82.18; THENCE SOUTH 67°20'37" WEST, 61.35; THENCE SOUTH 23°21'07" WEST, 218.78 FEET; THENCE SOUTH 07°56'55" WEST, 48.76 FEET TO A POINT LOCATED ON THE NORTHERN RIGHT-OF-WAY OF WILD HORSE CREEK ROAD (VARIABLE WIDTH), AS ESTABLISHED BY COURT ORDER RECORDED IN BOOK 1273 PAGE 304 OF THE ABOVE MENTIONED RECORDS. SAID POINT BEING DISTANT 60:00 FEET LEFT OF CENTERI INF STATION 238+38:97 OF WILD HORSE CREEK ROAD (VARIABLE WIDTH THENCE ALONG THE NORTHERN RIGHT-OF-WAY OF SAID WILD HORSE CREEK ROAD THE FOLLOWING COURSES, DISTANCES, AND CURVES: SOUTH 83°09'11" WEST, 36.53 FEET TO A POINT OF CURVATURE: THENCE ALONG AN ARC TO THE LEFT. AN ARC LENGTH OF 5.60 FEET. A RADIUS OF 879.02 FEET. THE CHORD OF WHICH BEARS SOUTH 82°58'14" WEST. 5.60 FEET TO A POINT: THENCE ALONG A RADIAL LINE, SOUTH 07°12'43" EAST, 25.00 FEET TO A POINT, SAID POINT BEING DISTANT 35.00 FEET LEFT OF CENTERLINE STATION 237+97.22 OF WILD HORSE CREEK ROAD (VARIABLE

WIDTH); THENCE CONTINUING ALONG THE NORTHERN RIGHT-OF-WAY OF WILD HORSE CREEK ROAD (VARIABLE WIDTH), AS ESTABLISHED BY COURT ORDER RECORDED IN BOOK 1273, PAGE 304 AND FIENUP TRACT, A SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 219, PAGE 48 OF THE ABOVE MENTIONED RECORDS; ALONG A LINE BEING PARALLEL TO AN DISTANT 35.00 FEET NORTHWARDLY FROM THE CENTERLINE OF SAID WILD HORSE CREEK ROAD (VARIABLE WIDTH), THE FOLLOWING COURSES, DISTANCES AND CURVES: ALONG A RADIAL ARC TO THE LEFT, AN ARC LENGTH OF 307.57 FEET, A RADIUS OF 854.02 FEET, THE CHORD OF WHICH BEARS SOUTH 72°28'14" WEST, 305.92 FEET TO A POINT OF TANGENCY; THENCE SOUTH 62°09'11" WEST, 52.12 FEET TO A POINT OF CURVATURE; THENCE ALONG AN ARC TO THE RIGHT, AN ARC LENGTH OF 188.16 FEET, A RADIUS OF 920.37 FEET, THE CHORD OF WHICH BEARS SOUTH 78°28'14" WEST, 305.92 FEET TO A POINT OF CURVATURE; THENCE ALONG AN ARC TO THE RIGHT, AN ARC LENGTH OF 188.16 FEET, A RADIUS OF 920.37 FEET, THE CHORD OF WHICH BEARS SOUTH 78°28'14" WEST, 187.82 FEET TO A POINT DE CURVATURE; THENCE ALONG AN ARC TO THE RIGHT, AN ARC LENGTH OF 188.16 FEET, A RADIUS OF 920.37 FEET, THE CHORD OF WHICH BEARS SOUTH 76°0'10" WEST, 187.82 FEET TO A POINT DE CURVATURE; THENCE ALONG AN ARC TO THE RIGHT, AN ARC LENGTH OF 188.16 FEET, A RADIUS OF 920.37 FEET, THE CHORD OF WHICH BEARS SOUTH 76°0'10" WEST, 187.82 FEET TO A POINT BEING DISTANT 35.00 FEET LEFT OF CENTERLINE STATION 232+54.83 OF WILD HORSE CREEK ROAD (VARIABLE WIDTH); THENCE PROCEEDING ALONG THE NORTHERN RIGHT-OF-WAY OF WILD HORSE CREEK ROAD (VARIABLE WIDTH), AS ESTABLISHED BY COURT ORDER RECORDED IN BOOK 1259, PAGE 67 OF THE ABOVE MENTIONED RECORDS, THE FOLLOWING COURSES, DISTANCES AND CURVES: NORTH 00°30'40" EAST, 5.22 FEET; THENCE ALONG A NON-RADIAL ARC TO THE LEFT, AN ARC LENGTH OF 131.74 FEET, A RADIUS OF 915.37 FEET, THE CHORD OF WHICH BEARS SOUTH 77°53'43" WEST, 131.63 FEET TO A POINT LOCATED AN NO-RADIAL ARC TO THE LEFT, AN ARC LENGTH OF 131.74 FEET, A RADIUS OF 915.37 FEET, THE CHORD OF WHICH BEARS SOUTH 77°5

CORNER OF SAID ZH ASSET MANAGEMENT TRACT; THENCE SOUTH 89°39'36" WEST, 856.28 FEET TO A STONE FOUND ON THE NORTHWESTERN CORNER OF SAID ZH ASSET MANAGEMENT TRACT; THENCE SOUTH 00°04'45" WEST, 192.86 FEET TO A POINT LOCATED ON THE NORTHERN RIGHT-OF-WAY OF WILD HORSE CREEK ROAD (VARIABLE WIDTH), AS ESTABLISHED BY COURT ORDER RECORDED IN BOOK 1259, PAGE 67 OF THE ABOVEMENTIONED RECORDS, AND SAID POINT BEING DISTANT 39.67 FEET LEFT OF CENTERLINE STATION 222+42.97 OF WILD HORSE CREEK ROAD (VARIABLE WIDTH), FROM WHICH POINT AN IRON ROD BEARS SOUTH 00°04'45" WEST, 6.74 FEET; THENCE PROCEEDING ALONG THE NORTHERN RIGHT-OF-WAY OF WILD HORSE CREEK ROAD (VARIABLE WIDTH), THE FOLLOWING COURSES AND DISTANCES, NORTH 78°55'20" WEST, 120.54 FEET; THENCE SOUTH 11°04'40" WEST, 5.00 FEET; THENCE NORTH 78°55'20" WEST, 250.00 FEET; THENCE NORTH 11°04'40" EAST, 5.00 FEET; THENCE NORTH 78°55'20" WEST, 250.00 FEET; THENCE NORTH 11°04'40" EAST, 5.00 FEET; THENCE NORTH 78°55'20" WEST, 250.00 FEET; THENCE SOUTH 11°04'40" EAST, 5.00 FEET; THENCE NORTH 78°55'20" WEST, 50.00 FEET; THENCE SOUTH 11°04'40" WEST, 5.00 FEET; THENCE NORTH 78°55'20" WEST, 50.00 FEET; THENCE SOUTH 11°04'40" WEST, 5.00 FEET; THENCE NORTH 78°55'20" WEST, 50.00 FEET; THENCE SOUTH 11°04'40" WEST, 5.00 FEET; THENCE NORTH 78°55'20" WEST, 50.00 FEET; THENCE SOUTH 11°04'40" WEST, 5.00 FEET; THENCE NORTH 78°55'20" WEST, 50.00 FEET; THENCE SOUTH 11°04'40" WEST, 5.00 FEET; THENCE NORTH 78°55'20" WEST, 50.00 FEET; THENCE SOUTH 11°04'40" WEST, 5.00 FEET; THENCE NORTH 78°55'20" WEST, 50.00 FEET; THENCE SOUTH 11°04'40" WEST, 5.00 FEET; THENCE NORTH 78°55'20" WEST, 50.00 FEET; THENCE SOUTH 11°04'40" WEST, 5.00 FEET; THENCE NORTH 78°55'20" WEST, 50.00 FEET; THENCE SOUTH 11°04'40" WEST, 5.00 FEET; THENCE NORTH 78°55'20" WEST, 50.00 FEET; THENCE SOUTH 11°04'40" WEST, 5.00 FEET; THENCE NORTH 78°55'20" WEST, 50.00 FEET; THENCE SOUTH 11°04'40" WEST, 5.00 FEET; THENCE NORTH 78°55'20" WEST, 50.00 FEET; THENCE SOUTH 11°04'40" WEST, 5.00 FEET; THENCE NORTH 78°55'20" WEST, 50.00 FEET; THENCE N

A TRACT OF LAND BEING ALL OF TRACT "C" OF A RESUBDIVISION OF PART A OF FIENUP TRACT, A SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 227, PAGE 99 OF THE ST. LOUIS COUNTY, MISSOURI RECORDS, LOCATED IN U.S. SURVEY 125, TOWNSHIP 45 NORTH, RANGE 4 EAST OF THE FIFTH PRINCIPAL MERIDIAN, CITY OF CHESTERFIELD, ST. LOUIS COUNTY, MISSOURI AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWESTERN CORNER OF A TRACT OF LAND CONVEYED TO FIENUP FARM INC, RECORDED IN BOOK 13401, PAGE 1842 OF THE ABOVE MENTIONED RECORDS; THENCE LEAVING SAID CORNER AND PROCEEDING NORTH 23°40'20" EAST, 1,198.70 FEET TO AN IRON PIPE FOUND ON THE SOUTHWESTERN CORNER OF THE ABOVEMENTIONED TRACT "C" AND POINT OF BEGINNING OF THE HEREIN DESCRIBED TRACT OF LAND; THENCE PROCEEDING ALONG THE WESTERN LINE OF SAID TRACT "C", NORTH 00°57'00" WEST, 350.00 FEET TO A FOUND IRON PIPE LOCATED ON THE NORTHWESTERN CORNER OF SAID TRACT "C"; THENCE ALONG THE NORTHERN LINE OF SAID TRACT "C", NORTH 89°03'00", WEST, 495.00 FEET TO A FOUND IRON PIPE LOCATED ON THE NORTHEASTERN CORNER OF SAID TRACT "C"; THENCE ALONG THE EASTERN LINE OF SAID TRACT "C", SOUTH 00°57'00" EAST, 350.00 FEET TO THE SOUTHEASTERN CORNER OF SAID TRACT "C"; THENCE ALONG THE EASTERN LINE OF SAID TRACT "C", SOUTH 00°57'00" EAST, 350.00 FEET TO THE SOUTHEASTERN CORNER OF SAID TRACT "C"; THENCE ALONG THE SOUTHERN LINE OF SAID TRACT "C", SOUTH 89°03'00" WEST, 495.00 FEET TO THE POINT OF BEGINNING, AND CONTAINING 173,250 SQUARE FEET (3.9772 ACRES MORE OR LESS), ACCORDING TO A SURVEY PERFORMED BY THE STERLING COMPANY IN JUNE, 2017 UNDER ORDER NUMBER 14-06-196.

TOTAL TRACT OF LAND AFTER EXCEPTION CONTAINING 9,586,200 SQUARE FEET (220.0689 ACRES MORE OR LESS), ACCORDING TO A SURVEY PERFORMED BY THE STERLING COMPANY IN JUNE, 2017 UNDER ORDER NUMBER 14-06-196.

PARCEL 3A

C.

A TRACT OF LAND BEING PART OF U.S. SURVEY 125, TOWNSHIP 45 NORTH, RANGE 4 EAST OF THE FIFTH PRINCIPAL MERIDIAN, CITY OF CHESTERFIELD, ST. LOUIS COUNTY, MISSOURI, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT AN IRON PIPE LOCATED ON THE NORTHWESTERN CORNER OF ADJUSTED TRACT "A" OF FIENUP FARM - BOUNDARY ADJUSTMENT PLAT, A SUBDIVISION ACCORDING TO THE PLAT OF THE ABOVE MENTIONED RECORDS, SAID CORNER ALSO BEING LOCATED ALONG ON THE SOUTHERN RIGHT-OF-WAY OF V AND S THEREOF RECORDED IN PLAT BOOK _____, PAGES ______ RAILWAY, LLC RAILROAD (100 FEET WIDE), RECORDED IN BOOK 21400, PAGE 3467 OF THE ABOVE MENTIONED RECORDS; THENCE PROCEEDING ALONG THE NORTHERN LINE OF SAID ADJUSTED TRACT "A" AND THE SOUTHERN RIGHT-OF-WAY OF SAID V AND S RAILWAY, LLC RAILROAD (100 FEET WIDE), NORTH 80°30'54" EAST, 867.90 FEET TO A FOUND AXEL; THENCE LEAVING THE SOUTHERN LINE OF SAID RIGHT-OF-WAY AND NORTHERN LINE OF SAID ADJUSTED TRACT "A" AND PROCEEDING NORTH 00°08'42" EAST, 101.43 FEET TO THE SOUTHWESTERN CORNER OF LOT 14 OF CHESTERFIELD COMMONS PLAT ONE, A SUBDIVISION RECORDED IN PLAT BOOK 348, PAGES 554-564 OF THE ABOVE MENTIONED RECORDS, SAID POINT ALSO BEING LOCATED ALONG THE NORTHERN RIGHT-OF-WAY OF SAID V AND S RAILWAY, LLC RAILROAD (100 FEET WIDE); SAID POINT ALSO BEING THE POINT OF BEGINNING OF THE HEREIN DESCRIBED TRACT OF LAND; THENCE LEAVING SAID NORTHERN RIGHT-OF-WAY AND PROCEEDING ALONG THE SOUTHERN LINE OF SAID LOT 14, NORTH 38°24'53" EAST, 76.46 FEET TO A POINT LOCATED IN THE CENTERLINE OF BONHOMME CREEK AS LOCATED BY VOLZ INC. IN SEPTEMBER 1998; THENCE CONTINUING ALONG THE SOUTHERN LINE OF SAID LOT 14 AND THE CENTERLINE OF SAID BONHOMME CREEK THE FOLLOWING COURSES AND DISTANCES: NORTH 85°40'49" EAST, 209.50 FEET THENCE NORTH 78°29'58" EAST, 299.97 FEET; THENCE SOUTH 59°48'55" EAST, 3.18 FEET: THENCE NORTH 75°10'53" EAST, 37.57 FEET, THENCE NORTH 81°15'44" EAST, 568.65 FEET; THENCE LEAVING THE CENTERLINE OF SAID BONHOMME CREEK AND CONTINUING ALONG THE SOUTHERN LINE OF SAID LOT 14. SOUTH 34°01/59" EAST, 9.95 FEET AND SOUTH 67°08'01" EAST, 51.70 FEET TO A POINT LOCATED ALONG THE NORTHERN RIGHT-OF-WAY OF THE AFOREMENTIONED V AND S RAILWAY, LLC RAILROAD (100 FEET WIDE); THENCE LEAVING THE SOUTHERN LINE OF SAID LOT 14 AND PROCEEDING ALONG THE NORTHERN RIGHT-OF-WAY OF SAID V AND S RAILWAY, LLC RAILROAD (100 FEET WIDE), SOUTH 80°30'06" WEST, 1,221.43 FEET TO THE POINT OF BEGINNING, AND CONTAINING 46,897 SQUARE FEET (1.0766 ACRES MORE OR LESS), ACCORDING TO A SURVEY PERFORMED BY THE STERLING COMPANY JUNE, 2017 UNDER ORDER NUMBER 14-06-196.

PARCEL 3B

A TRACT OF LAND BEING PART OF U.S. SURVEY 125 AND U.S. SURVEY 2031, TOWNSHIP 45 NORTH, RANGE 4 EAST OF THE FIFTH PRINCIPAL MERIDIAN, CITY OF CHESTERFIELD, ST. LOUIS COUNTY, MISSOURI, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

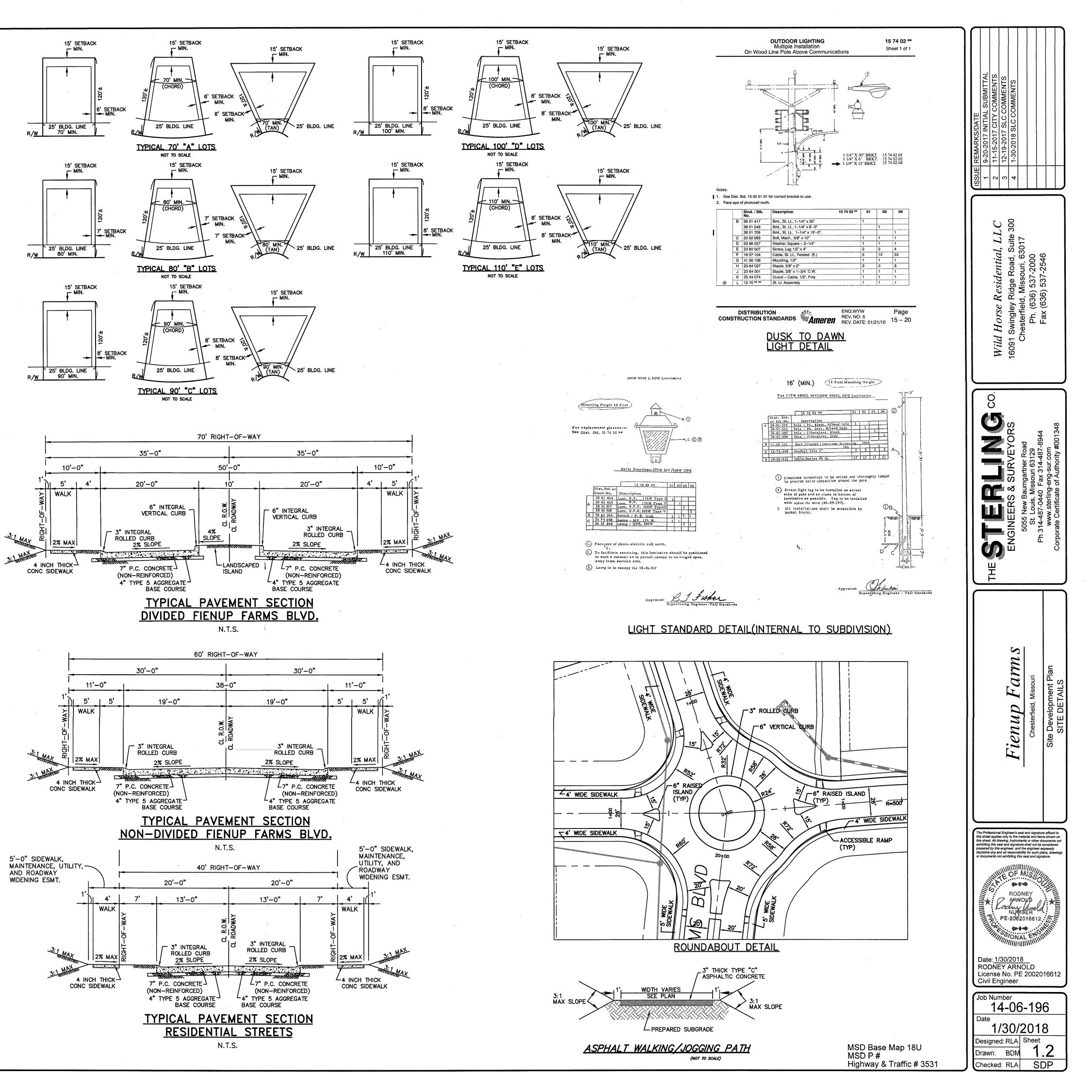
COMMENCING AT AN IRON PIPE LOCATED ON THE NORTHWESTERN CORNER OF ADJUSTED TRACT "A" OF FIENUP FARM - BOUNDARY ADJUSTMENT PLAT, A SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK , PAGES _____ OF THE ABOVE MENTIONED RECORDS, SAID CORNER ALSO BEING LOCATED ALONG ON THE SOUTHERN RIGHT-OF-WAY OF V AND S RAILWAY, LLC RAILROAD (100 FEET WIDE), RECORDED IN BOOK 21400, PAGE 3467 OF THE ABOVE MENTIONED RECORDS; THENCE PROCEEDING ALONG THE NORTHERN LINE OF SAID ADJUSTED TRACT "A" AND THE SOUTHERN RIGHT-OF-WAY OF SAID V AND S RAILWAY, LLC RAILROAD (100 FEET WIDE), NORTH 80°30'54" EAST, 867.90 FEET TO A FOUND AXEL; THENCE LEAVING THE SOUTHERN LINE OF SAID RIGHT-OF-WAY AND NORTHERN LINE OF SAID ADJUSTED TRACT "A" AND PROCEEDING NORTH 00°08'42" EAST, 101.43 FEET TO THE SOUTHWESTERN CORNER OF LOT 14 OF CHESTERFIELD COMMONS PLAT ONE, A SUBDIVISION RECORDED IN PLAT BOOK 348, PAGES 554-564 OF THE ABOVE MENTIONED RECORDS, SAID POINT ALSO BEING LOCATED ALONG THE NORTHERN RIGHT-OF-WAY OF SAID V AND S RAILWAY, LLC RAILROAD (100 FEET WIDE); THENCE ALONG THE NORTHERN RIGHT-OF-WAY OF SAID V AND S RAILWAY, LLC RAILROAD (100 FEET WIDE); NORTH 80°30'06" EAST, 1,325.98 FEET TO A POINT LOCATED ON THE SOUTHERN LINE OF THE AFOREMENTIONED LOT 14 AND BEING THE POINT OF BEGINNING OF THE HEREIN DESCRIBED TRACT OF LAND: THENCE LEAVING SAID NORTHERN RIGHT-OF-WAY AND PROCEEDING ALONG THE SOUTHERN LINE OF SAID LOT 14, NORTH 42°34'37" EAST, 52.19 FEET TO A POINT LOCATED ON THE CENTERLINE OF BONHOMME CREEK AS LOCATED BY VOLZ INC. IN 1998; THENCE CONTINUING ALONG THE SOUTHERN LINE OF SAID LOT 14 AND THE CENTERLINE OF BONHOMME CREEK. NORTH 80°53'51" EAST, 49.14 FEET TO A POINT; THENCE LEAVING THE CENTERLINE OF BONHOMME CREEK AND CONTINUING ALONG THE SOUTHERN LINE OF SAID LOT 14 THE FOLLOWING COURSES AND DISTANCES: NORTH 00°10'44" EAST, 92.80 FEET; THENCE NORTH 74°01'27" EAST, 48.65 FEET; THENCE SOUTH 62°30'31" EAST, 124.98 FEET; THENCE SOUTH 83°30'42" EAST, 107.98 FEET; THENCE NORTH 74'26'01" EAST, 107.72 FEET: THENCE SOUTH 75°14'42" EAST, 85.58 FEET TO A POINT LOCATED ON THE NORTHERN RIGHT-OF-WAY OF THE AFOREMENTIONED V AND S RAILWAY, LLC RAILROAD (100 FEET WIDE); THENCE LEAVING THE SOUTHERN LINE OF SAID LOT 14 AND PROCEEDING ALONG THE NORTHERN RIGHT-OF-WAY OF V AND S RAILWAY, LLC RAILROAD (100 FEET WIDE), SOUTH 80°30'06" WEST, 543.02 FEET TO THE POINT OF BEGINNING, AND CONTAINING 27,158 SQUARE FEET (0.6234 ACRES MORE OR LESS) ACCORDING TO A SURVEY PERFORMED BY THE STERLING COMPANY JUNE, 2017 UNDER ORDER NUMBER 14-06-196.

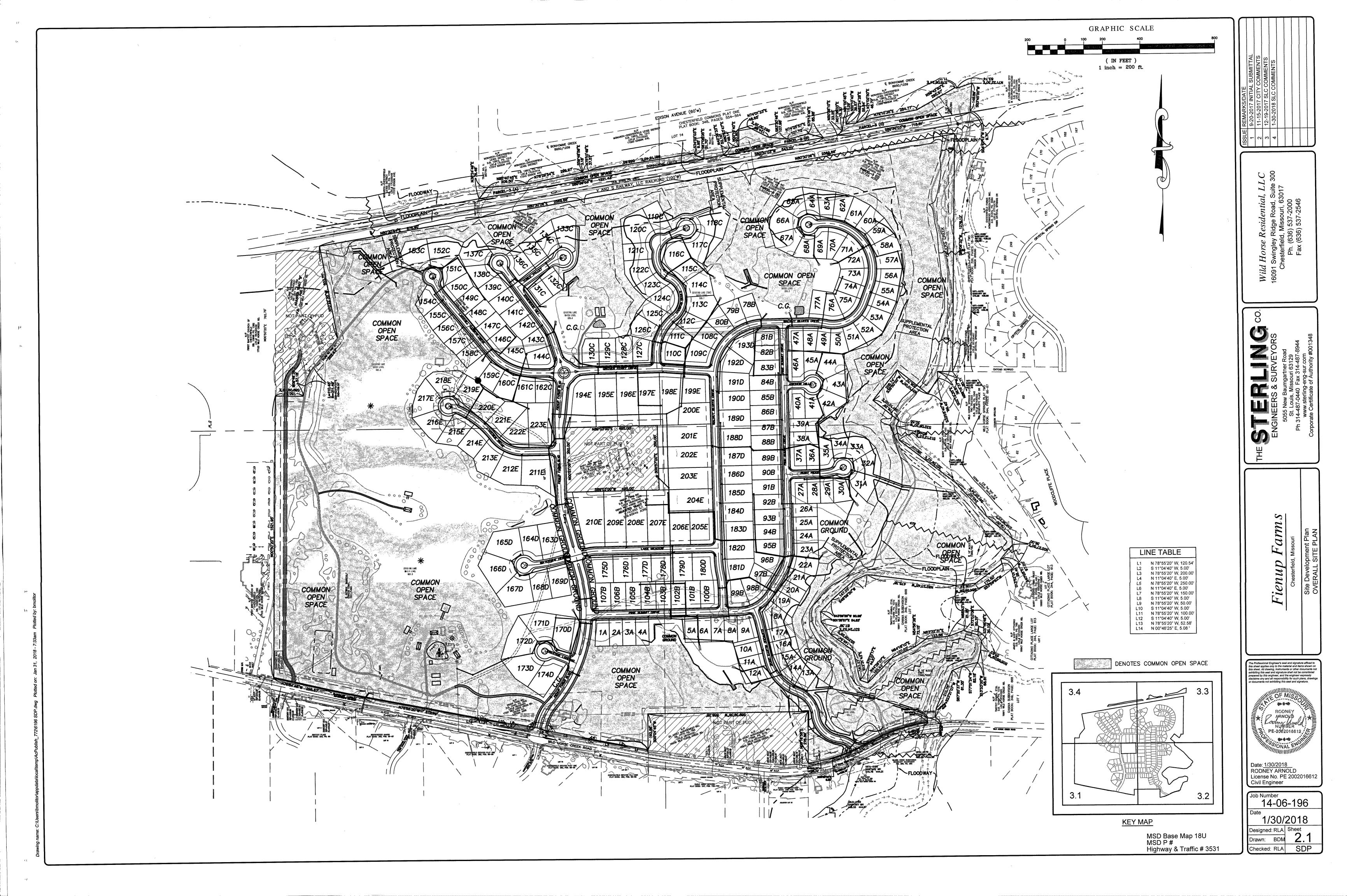
PARCEL 3C

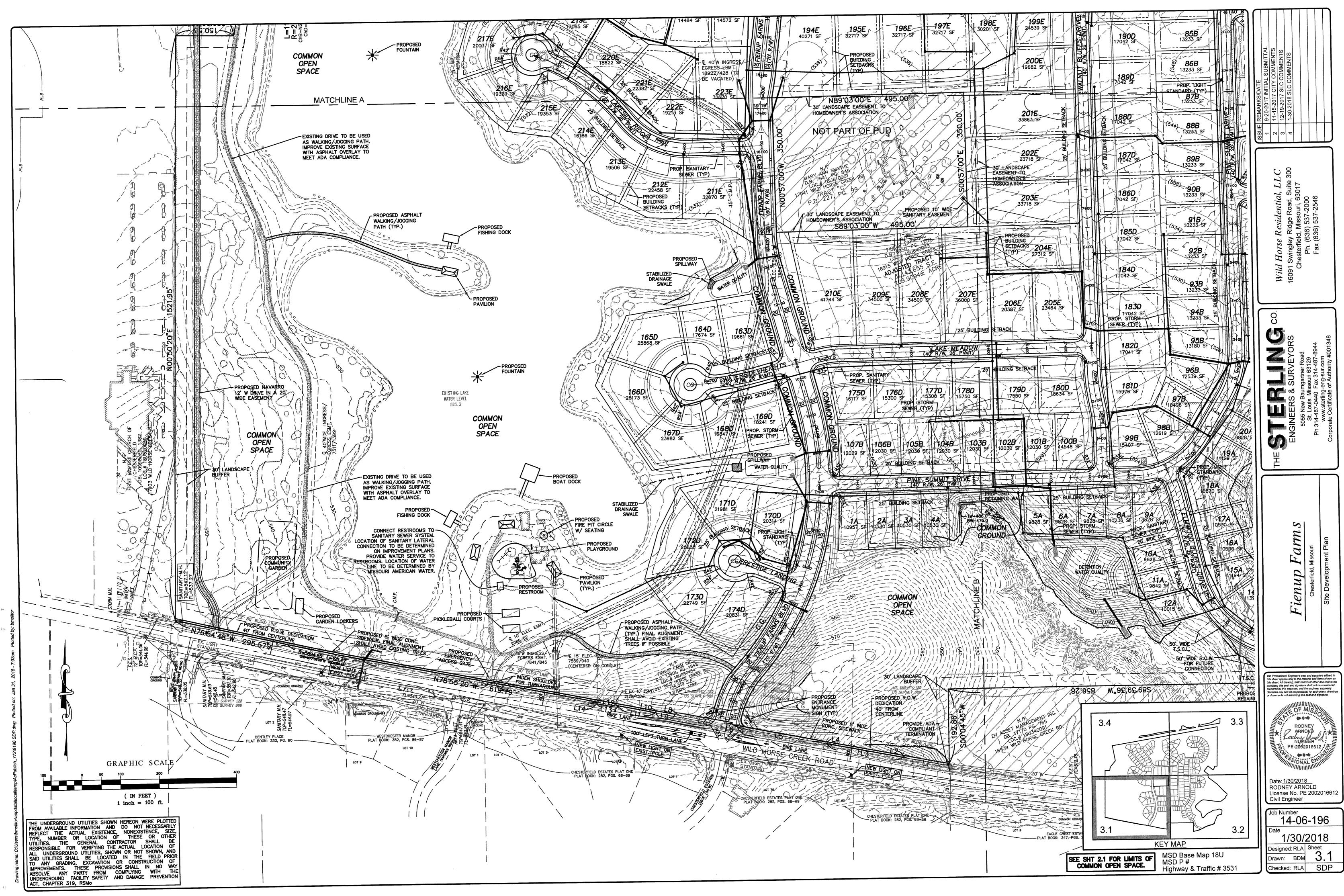
A TRACT OF LAND BEING PART OF U.S SURVEY 2031, TOWNSHIP 45 NORTH, RANGE 4 EAST OF THE FIFTH PRINCIPAL MERIDIAN, CITY OF CHESTERFIELD, ST. LOUIS COUNTY, MISSOURI, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT AN IRON PIPE LOCATED ON THE NORTHWESTERN CORNER OF ADJUSTED TRACT "A" OF FIENUP FARM - BOUNDARY ADJUSTMENT PLAT, A SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK _____, PAGES _____ OF THE ABOVE MENTIONED RECORDS, SAID CORNER ALSO BEING LOCATED ALONG ON THE SOUTHERN RIGHT-OF-WAY OF V AND S RAILWAY, LLC RAILROAD (100 FEET WIDE), RECORDED IN BOOK 21400, PAGE 3467 OF THE ABOVE MENTIONED RECORDS; THENCE PROCEEDING ALONG THE NORTHERN LINE OF SAID ADJUSTED TRACT "A" AND THE SOUTHERN RIGHT-OF-WAY OF SAID V AND S RAILWAY, LLC RAILROAD (100 FEET WIDE), NORTH 80°30'54" EAST, 867.90 FEET TO A FOUND AXEL; THENCE LEAVING THE SOUTHERN LINE OF SAID RIGHT-OF-WAY AND NORTHERN LINE OF SAID ADJUSTED TRACT "A" AND PROCEEDING NORTH 00°08'42" EAST, 101.43 FEET TO THE SOUTHWESTERN CORNER OF LOT 14 OF CHESTERFIELD COMMONS PLAT ONE, A SUBDIVISION RECORDED IN PLAT BOOK 348, PAGES 554-564 OF THE ABOVE MENTIONED RECORDS, SAID POINT ALSO BEING LOCATED ALONG THE NORTHERN RIGHT-OF-WAY OF SAID V AND S RAILWAY, LLC RAILROAD (100 FEET WIDE); THENCE ALONG THE NORTHERN RIGHT-OF-WAY OF SAID V AND S RAILWAY, LLC RAILROAD (100 FEET WIDE); NORTH 80°30'06" EAST, 1,943.90 FEET TO A POINT LOCATED ON THE SOUTHERN LINE OF THE AFOREMENTIONED LOT 14 AND BEING THE POINT OF BEGINNING OF THE HEREIN DESCRIBED TRACT OF LAND; THENCE LEAVING SAID NORTHERN RIGHT-OF-WAY AND PROCEEDING ALONG THE SOUTHERN LINE OF THE AFOREMENTIONED LOT 14 THE FOLLOWING COURSES AND DISTANCES: NORTH 50°38'14" EAST, 33.25 FEET; THENCE NORTH 07°36'07" EAST, 75.30 FEET; THENCE NORTH 81°00'49" EAST, 11.29 FEET; THENCE SOUTH 00°10'44" WEST, 39.57 FEET TO A POINT LOCATED IN THE CENTERLINE OF BONHOMME CREEK, AS LOCATED BY VOLZ INC. IN 1997 AND DESCRIBED IN THE AFOREMENTIONED CHESTERFIELD COMMONS PLAT ONE; THENCE CONTINUING ALONG THE SOUTHERN LINE OF THE AFOREMENTIONED LOT 14, AND THE CENTERLINE OF BONHOMME CREEK THE FOLLOWING COURSES AND DISTANCES: NORTH 82°24'32" EAST, 55.84 FEET; THENCE NORTH 71°02'54" EAST, 46.72 FEET; THENCE NORTH 79°10'39" EAST, 284.77 FEET; THENCE NORTH 59°42'54" EAST, 235.37 FEET; THENCE SOUTH 78°08'20" EAST, 11.11 FEET; THENCE NORTH 71°32'34" EAST, 83.74 FEET TO THE NORTHWESTERN CORNER OF A TRACT OF LAND CONVEYED TO ST. LOUIS KANSAS CITY & COLORADO RAILROAD BY DEED RECORDED IN BOOK 31. PAGE 424 OF THE ABOVEMENTIONED RECORDS; THENCE LEAVING THE CENTERLINE OF BONHOMME CREEK AND THE SOUTHERN LINE OF THE AFOREMENTIONED LOT 14 AND PROCEEDING ALONG THE WESTERN LINE OF SAID ST LOUIS KANSAS CITY & COLORADO RAILROAD TRACT SOUTH 03°45'04" WEST, 148.89 FEET AND SOUTH 04°42'16" WEST, 9.71 FEET TO A POINT LOCATED ALONG THE NORTHERN RIGHT-OF-WAY OF THE AFOREMENTIONED V AND S RAILWAY, LLC RAILROAD (100 FEET WIDE); THENCE ALONG SAID NORTHERN RIGHT-OF-WAY, SOUTH 80°30'06" WEST, 718.81 FEET TO THE POINT OF BEGINNING, AND CONTAINING 57,378 SQUARE FEET (1.3172 ACRES MORE OR LESS), ACCORDING TO A SURVEY PERFORMED BY THE STERLING COMPANY JUNE, 2017 UNDER ORDER NUMBER 14-06-196

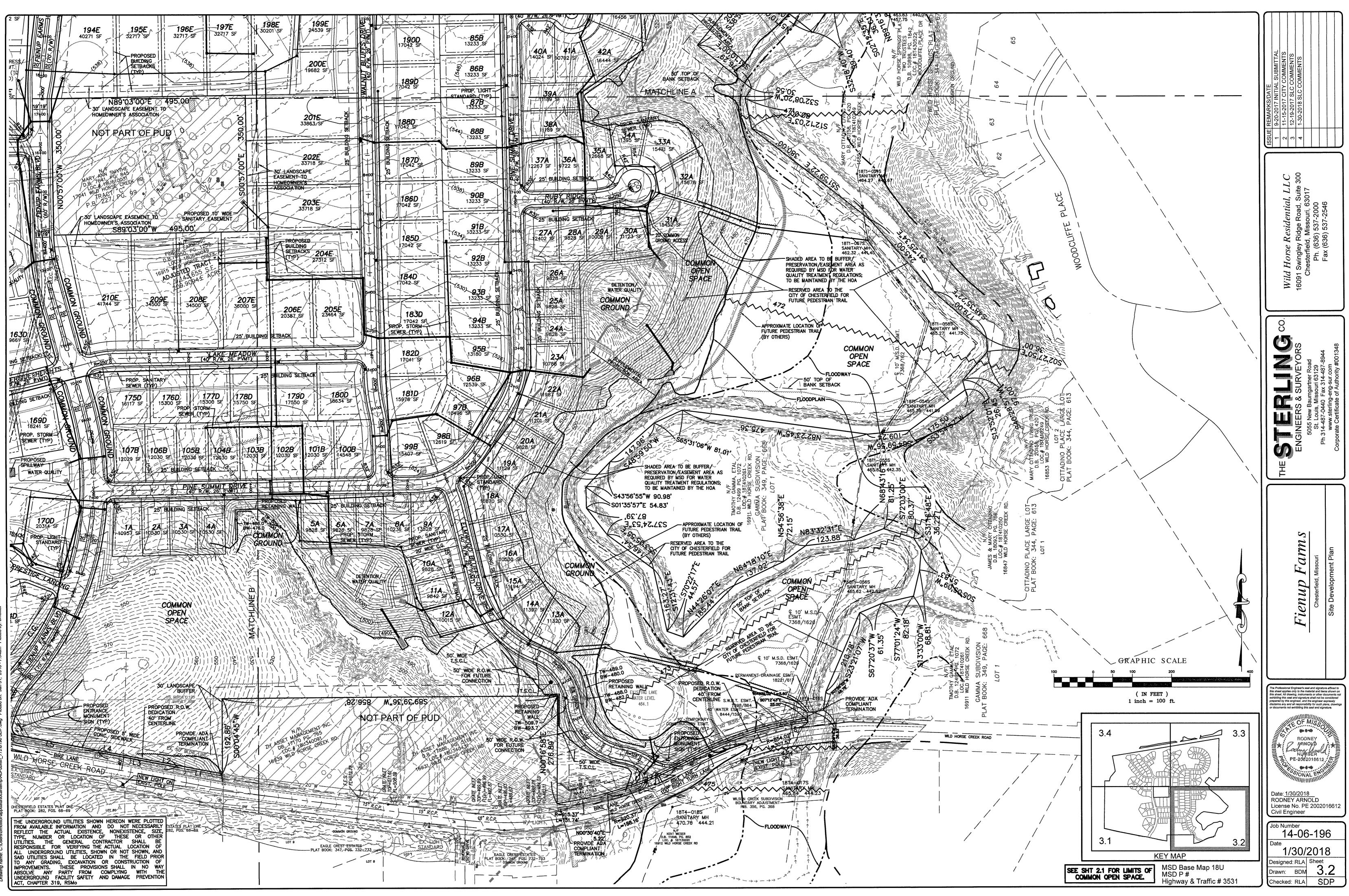
TOTAL TRACT OF LAND CONTAINING 9,717,633 SQUARE FEET (223.0861 ACRES MORE OR LESS), ACCORDING TO A SURVEY PERFORMED BY THE STERLING COMPANY IN JUNE, 2017 UNDER ORDER NUMBER 14-06-196.



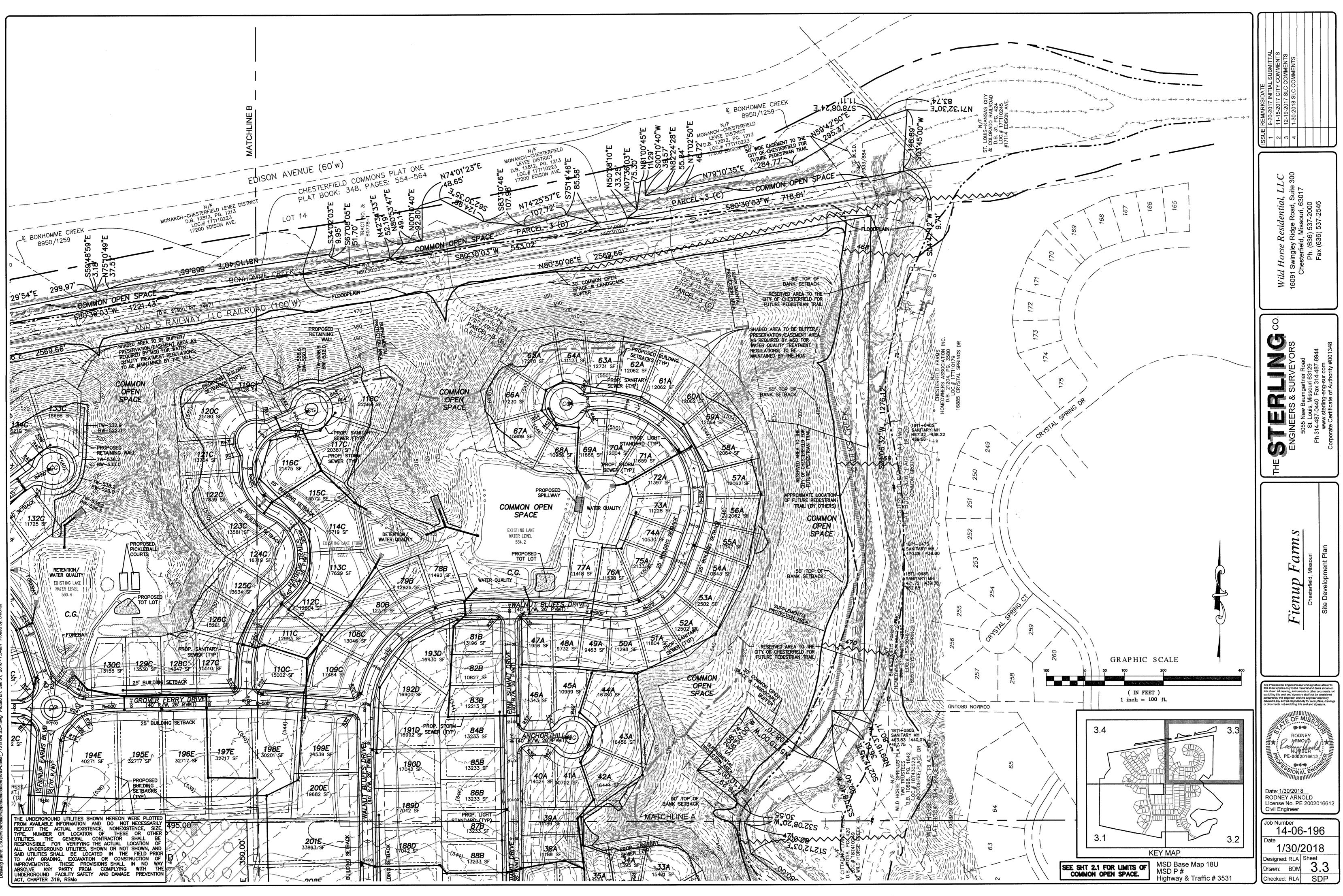




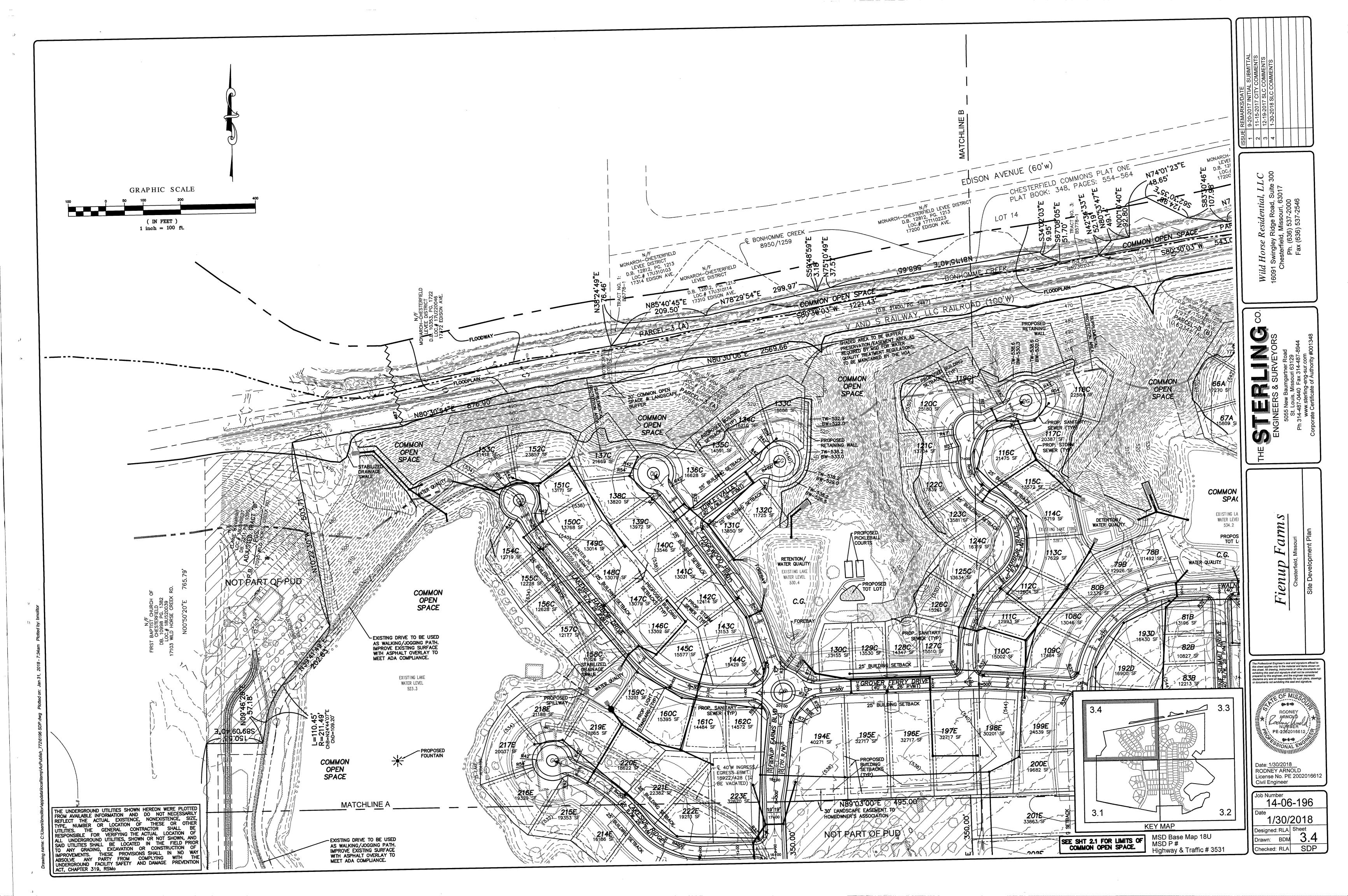
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Fienup Farms

TRACTS OF LAND BEING PART OF "TRACT A" OF A RESUBDIVISION OF LOT "A" OF FIENUP TRACT, A MINOR SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 227 PAGE 99 AND BEING PART OF U.S. SURVEY 125, 886 AND 2031 IN TOWNSHIP 45 NORTH, RANGE 4 EAST OF THE FIFTH PRINCIPAL MERIDIAN, CITY OF CHESTERFIELD, SAINT LOUIS COUNTY, MISSOURI

Natural Resources Map 1/0 EXISTING LAKE WATER LEVEL 3823.3 GRAPHIC SCALE / BENTLEY PLACE PLAT BECK: 333, PQ. 6 (IN FEET) 1 inch = 200 ft.THE UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NONEXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SAID UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319, RSMO SITE INFORMATION 180640949, 180630028, 180330454, 170310093, 170320070, 17T110201 LOCATOR NUMBERS: PUD (PLANNED UNIT DEVELOPMENT) **EXISTING ZONING:**

223.1 ACRES

FLOOD MAP: FEMA PANEL 29189C0163K DATED: FEB. 4, 2015

GROSS AREA OF SITE:



| | | PROJE | A B B B B B B B B B B B B B B B B B B B | | Wild Horse Residential, LLC REMARKS/DATE Wild Horse Residential, LLC 9-20-2017 INITIAL SUBMITTAL 16091 Swingley Ridge Road, Suite 300 3 12-19-2017 SLC COMMENTS 16091 Swingley Ridge Road, Suite 300 1-30-2018 SLC COMMENTS Ph. (636) 537-2546 1-30-2018 SLC COMMENTS Ph. (636) 537-2546 1-30-2018 SLC COMMENTS |
|--|---|------------------------|---|------------------------------------|--|
| | 2 | | | | THE STEER LING CO ENGINEERS & SURVEYORS 5055 New Baumgartner Road St. Louis, Missouri 63129 Ph 314-487-0440 Fax 314-487-8944 www.sterling-eng-sur.com Corporate Certificate of Authority #001348 |
| FLOODWAY | A MARY of Service 1 and | | | | Fienup Farms Chesterfield, Missouri Site Development Plan NATURAL RESOURCE MAP |
| A Line and the second s | NATURAL RESOURCE Wetlands Streams and Floodplains | PRESENCE? No Yes | ADDITIONAL INFORMATION None identified during site wa Floodplain exists along Caulks Bonhomme Creek per FEMA M 29189c0165 K, Dated Februar 5 Jurisdictional Streams were | Creek and lap No. y 4, 2015. | The Professional Engineer's seal and signature affixed to this sheet applies only to the material and items shown on this sheet. All drawing, instruments or other documents not exhibiting this seal and signature shall not be considered propared by this angineer, and the engineer expressly disclaims any and all responsibility for such plans, drawings or documents not exhibiting this seal and signature. |
| | Karst Ponds <u>LEGEND:</u> | No Yes | during site walk. None identified during site wa Five (5) identified during site | lk. | Date: 1/30/2018 RODNEY ARNOLD License No. PE 2002016612 Civil Engineer |
| \backslash | | Hydrold | g Tree Mass ogic Group "C" Soils ted Waters <u>MSD Base Ma</u> MSD P# | p 18U | 14-06-196 Date 1/30/2018 Designed: RLA Sheet Drawn: BDM 4.1 |

Highway & Traffic # 3531

Checked: RLA SDP