III.A.

Memorandum Department of Planning & Public Works



- To: Planning and Public Works Committee
- From: Shawn Seymour, Senior Planner

Date: 01/19/2012

RE: <u>Arbors at Wild Horse Creek SDP</u>: A Site Development Plan, Landscape Plan, and Architectural Elevations for a 23 acre tract of land zoned "PUD" Planned Unit Development located on the south side of Wild Horse Creek Road west of its intersection of Long Road and east of its intersection with Wild Horse Parkway Drive (18V330046).

<u>Summary</u>

McBride & Sons have submitted a Site Development Plan (SDP) for review. As part of the PUD zoning for this site, automatic power of review of the SDP is required for approval. On January 9, 2012 the SDP was reviewed by the Planning Commission and by a count of 9 - 0, the commission voted to approve the SDP as submitted with the requirement that staff review the architectural elevations for all submitted Municipal Zoning Approvals.

The submitted SDP by McBride & Sons, proposes the development of twenty-two singlefamily lots of varying sizes not to be smaller than 24,000 sf. These lots will be serviced by a single cul-de-sac neighborhood street which will have one (1) point of access to Wild Horse Creek Road. This design proposes that over forty-percent (40%) of the existing tree canopy will be preserved. A portion of the existing tree canopy will be utilized for perimeter buffering, mainly along the eastern boundary of the site. The Landscape Plan proposes the planting of 200 plus trees, of which 90 plus will be used for providing a buffer along the western boundary of the site. An additional 90 plus trees will be planted as street trees.

The proposed single-family structures will be construction of brick, stone, hardie plank siding and architectural shingles. The Architectural Review Board (ARB) reviewed the application during its December 2011 meeting and unanimously approved the proposal with the following recommendations.

- 1. Building materials on all facades of the proposed structures should utilize varying materials, detailing, finishes and colors. Facades dominated by one material, color or without any identifiable features should be avoided. The ARB would like staff to review this during applications for Municipal Zoning Approval
 - The applicants have agreed to remove the elevation that prompted this comment from the ARB. Further, staff will review during MZA submittal. *Note, this was also made a part of the PC motion to approve the application.*

- 2. The northern (side) façade of the structure to be built on Lot 1 should continue the architectural features, materials and colors of the front façade. The northern façade will front Wild Horse Creek Road and may be viewable from this right-of-way. The extension of the materials, features and colors of the front façade along the northern façade will enhance the overall quality of the development from this vantage point.
 - The applicant has agreed to utilize building materials, features and colors on this façade that will match those found on the front façade of the structure. Staff will review during MZA submittal.
- 3. The number of evergreen trees should be increased in the buffer along the western boundary of the development. This increase in evergreen trees will ensure visual buffering during the winter months.
 - The proposed landscape plan includes thirty (30) six-foot (6 ft.) tall evergreen trees along this buffer. This meets the requirements of the Landscape and Tree Preservation Manual and Staff believes that this will provide adequate buffering during the winter months.

As mentioned above, the Planning Commission reviewed this request and passed a motion to approve the application as submitted by a count of 9 - 0. As required by all applications when Power of Review is exercised, the Planning and Public Works Committee must now make a recommendation on this application and forward said recommendation to the City Council. City Council will then make a formal determination of the application under the advisement of both the Planning and Public Works Committee and the Planning Commission.

See attached for a copy of the SDP packet from the January 9th, 2012 Planning Commission meeting.

Respectfully submitted,

Shawn Seymour, AICP Senior Planner

CC: Michael G. Herring, City Administrator Rob Heggie, City Attorney Michael O. Geisel, Director of Planning & Public Works Aimee Nassif, Director of Planning & Development Services





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 Plan	
Meeting Date:	January 9, 2012	
From:	Shawn Seymour, Senior Planner	
Location:	South side of Wild Horse Creek Road west of its intersection with Long Road and east of its intersection with Wild Horse Parkway Drive.	
Description:	Arbors at Wild Horse Creek SDP : A Site Development Plan, Landscape Plan, and Architectural Elevations for a 23 acre tract of land zoned "PUD" Planned Unit Development located on the south side of Wild Horse Creek Road west of its intersection of Long Road and east of its intersection with Wild Horse Parkway Drive (18V330046).	

PROPOSAL SUMMARY

McBride & Sons have submitted a Site Development Plan, Landscape Plan and Architectural Elevations for a 23 acre single family detached residential development to be known as the Arbors at Wild Horse Creek. The request would permit the development of 22 single family detached residential homes of varying configurations and designs. General structure materials will be brick, stone, hardie plank siding, and architectural shingles.

LAND USE AND ZONING HISTORY OF THE SUBJECT SITE

St. Louis County zoned the subject site "NU" Non-Urban District in 1965. The property has been utilized for agricultural purposes throughout the duration of initial zoning to current.

In 2001 and 2002, the City of Chesterfield received several petitions for zoning map amendments for this site. All petitions were submitted with the goal of developing the site for residential purposes. P.Z. 08/09-2001 was a request for a zoning map amendment to the "E3" Estate Residence District (one-half acre) and a "PEU" Planned Environmental Unit. These petitions were subsequently deemed inactive post public hearing. P.Z. 33-2001 was a further attempt to obtain the "E3" zoning designation. This petitions were withdrawn and deemed in final attempts to obtain "E3" zoning entitlements, but were withdrawn and deemed inactive respectively. In all four petitions, the petitioner was unable to meet complete submittal requirements or was unable to meet Staff's review of minimum design standards.

Most recently in August of 2011 the City received a petition for a zoning map amendment from the "NU" district to a Planned Unit Development "PUD" District. The requested "PUD" would permit a total of 22 single family units on the 23 acre tract while maintaining far above the minimum existing grading and tree canopy by modifying minimum lots sizes and setbacks. This petition was subsequently approved in October of 2011.

Direction	Land Use	Zoning	
North	Residential	"NU" Non-Urban District	
South	Residential	"R1" Residence District /w "PEU"	
		Planned Environmental Unit	
East	Undeveloped	"NU" Non-Urban District	
West	Residential	"R1" Residence District /w "PEU"	
		Planned Environmental Unit	

Land Use and Zoning of Surrounding Properties



STAFF ANALYSIS

Zoning

The subject site is currently zoned "PUD" Planning Unit Development District under the terms and conditions of City of Chesterfield Ordinance Number 2678. The submittal was reviewed against the requirements of Ordinance 2678 and all applicable Zoning Ordinance Requirements. The site adheres to the applicable Zoning Ordinance requirements and the site specific governing ordinance.

The PUD ordinance permits flexibility to standard residential zoning district requirements. Lot sizes, setback, building heights, etc. are permitted to be modified in order to create a better built environment and enhance the overall look and functionality of the development. The Arbors at Wild Horse Creek was permitted to utilize one-half (½) acre lots at a minimum and to customize setbacks in order to increase buffering and to preserve existing grading and tree canopy. This allowed the applicant to develop the site to maximum potential, while reducing the need to further modify the natural environment, including grading, tree canopy and water courses.

Traffic Access and Circulation

Access to the site is granted by one (1) point along Wild Horse Creek Road a right-of-way maintained by MoDOT. MoDOT has approved this access point.

The internal roadway system of the proposed development consists of one (1) road which terminates at the south end of the site in a cul-de-sac style with a circular turn around. The length of this road is approximately 1,900ft. Monarch Fire Protection District has reviewed this request and has not provided its approval to this design. As of December 5, 2011, the fire protection district is requesting a modification to the proposed road design.

Note, the City of Chesterfield does not require fire protection district approval when granting approval of a site plan. The City only requires comments to be received. The fire protection district reviews all applications for building permits and may withhold building permit approval until it is satisfied with the overall site design.

Landscaping

McBride & Son's are proposing extensive landscaping along the western boundary of the site. As a part of the "PUD" ordinance a fifty (50) foot wide landscaped buffer is required along this boundary of the site to provide for physical as well as visual separation from the adjacent Wild Horse subdivision. The proposed landscape plan includes both deciduous and evergreen plantings to ensure that an opaque buffer exists during all four (4) seasons.

The proposed development also incorporates the preservation of grading and tree canopy that far exceeds the standard as set forth in the City Landscaping and Tree Preservation Manual. The required standard is to maintain thirty-percent (30%) tree canopy; the proposed plan will preserve over forty-percent (40%). This has been labeled as "Green Space Preservation Area" on the site plan. This will provide a natural buffer on both the eastern and the southern boundaries of the development. Additional landscaping and buffering is provided on the northern boundary of the site providing separation from Wild Horse Creek Road.

Lighting

For residential developments, lighting plan review is minimal. The applicants have selected an AmerenUE approved light fixture and has placed them at City of Chesterfield Lighting Ordinance approved specifications. The proposed lighting of this development meets all City of Chesterfield requirements.

Architectural Elevations

The proposed single-family residential structures will be constructed of brick, hardie plank siding, stone and architectural shingles. All structures will incorporate side entry garages. It is the goal of the applicant to exceed the building quality of the adjacent developments.

The project was reviewed by the Architectural Review Board on December 15, 2011. During the meeting, the Board generated comments/recommendations for the petitioner to consider and address accordingly. A motion was passed to forward the project to Planning Commission with a recommendation for approval by a vote of 5-0. The following recommendations were made by the Architectural Review Board:

- 1. Building materials on all facades of the proposed structures should utilize varying materials, detailing, finishes and colors. Facades dominated by one material, color or without any identifiable features should be avoided. The ARB would like staff to review this during applications for Municipal Zoning Approval
 - The applicants have agreed to remove the elevation that prompted this comment from the ARB. Further, staff will review during MZA submittal.
- 2. The northern (side) façade of the structure to be built on Lot 1 should continue the architectural features, materials and colors of the front façade. The northern façade will front Wild Horse Creek Road and may be viewable from this right-of-way. The extension of the materials, features and colors of the front façade along the northern façade will enhance the overall quality of the development from this vantage point.

- The applicant has agreed to utilize building materials, features and colors on this façade that will match those found on the front façade of the structure. Staff will review during MZA submittal.
- 3. The number of evergreen trees should be increased in the buffer along the western boundary of the development. This increase in evergreen trees will ensure visual buffering during the winter months.
 - The proposed landscape plan includes thirty (30) six-foot (6 ft.) tall evergreen trees along this buffer. This meets the requirements of the Landscape and Tree Preservation Manual and Staff believes that this will provide adequate buffering during the winter months.

DEPARTMENT INPUT

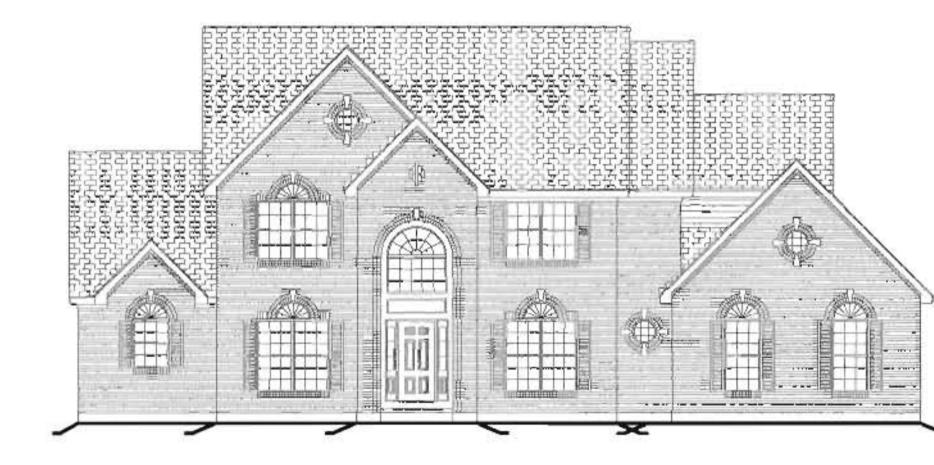
Staff has reviewed the Site Development Plan, Landscape Plan, and Architectural Elevations and has found the application to be in conformance with the site specific ordinance and all other applicable Zoning Ordinance requirements. Staff recommends approval of the proposal as presented.

MOTION

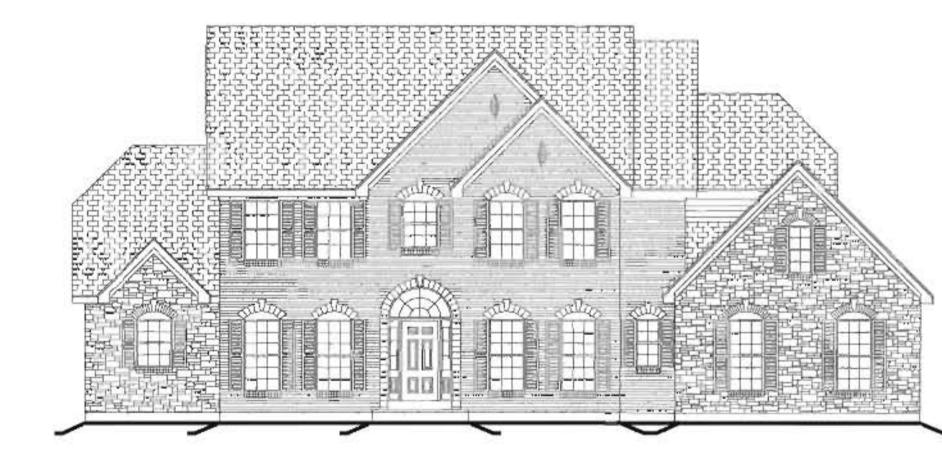
The following options are provided to the Planning Commission for consideration relative to this application:

- 1) "I move to approve (or deny) the Site Development Plan, Landscape Plan, and Architectural Elevations for the Arbors at Wild Horse Creek.
- 2) "I move to approve the Site Development Plan, Landscape Plan, and Architectural Elevations for the Arbors at Wild Horse Creek with the following conditions..." (Conditions may be added, eliminated, altered or modified)
- Cc: Michael G. Herring, City Administrator
 Rob Heggie, City Attorney
 Michael O. Geisel, Director of Planning, Public Works, and Parks
 Aimee Nassif, Planning and Development Services Director
- Attachments: Site Development Plan Landscape Plan Architectural Elevations

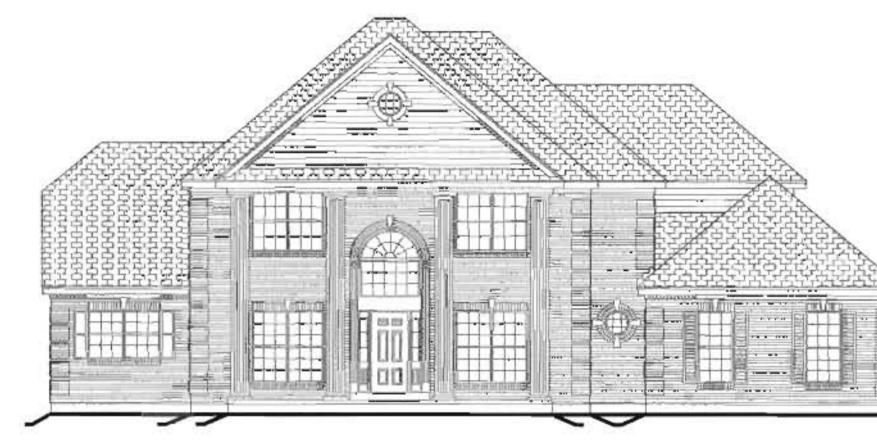


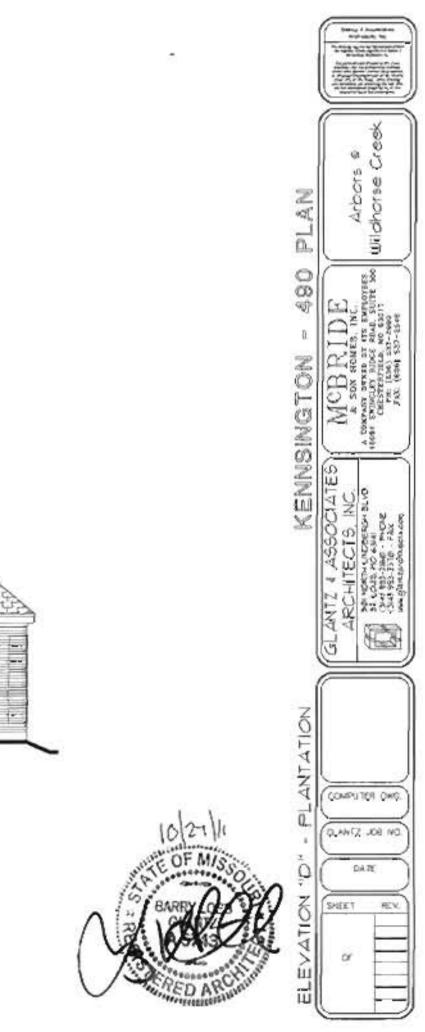














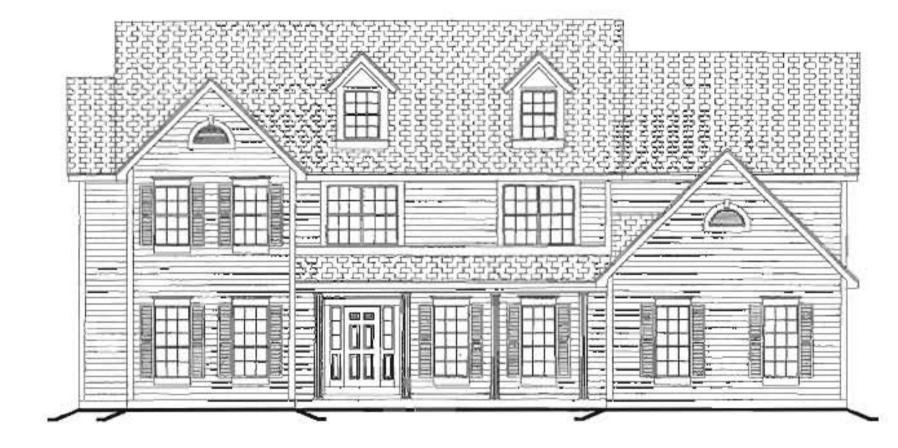






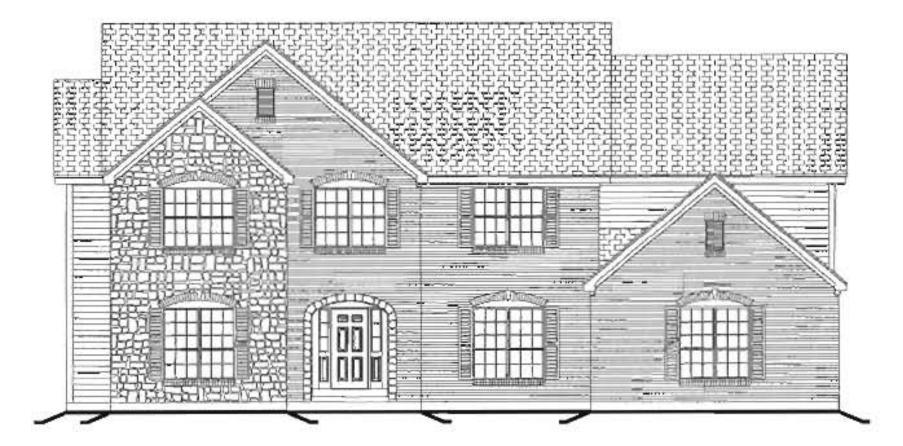






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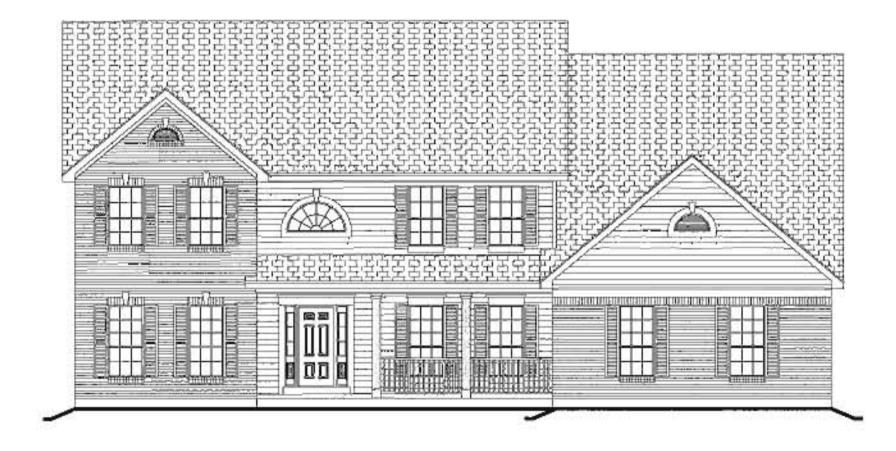


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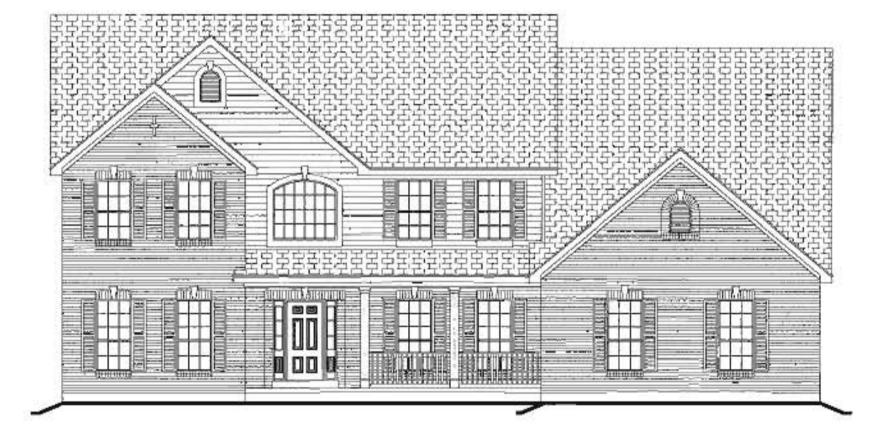






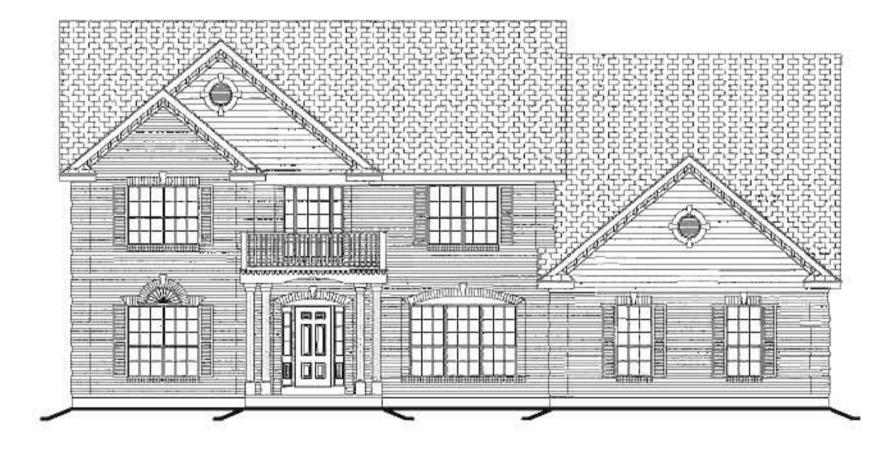


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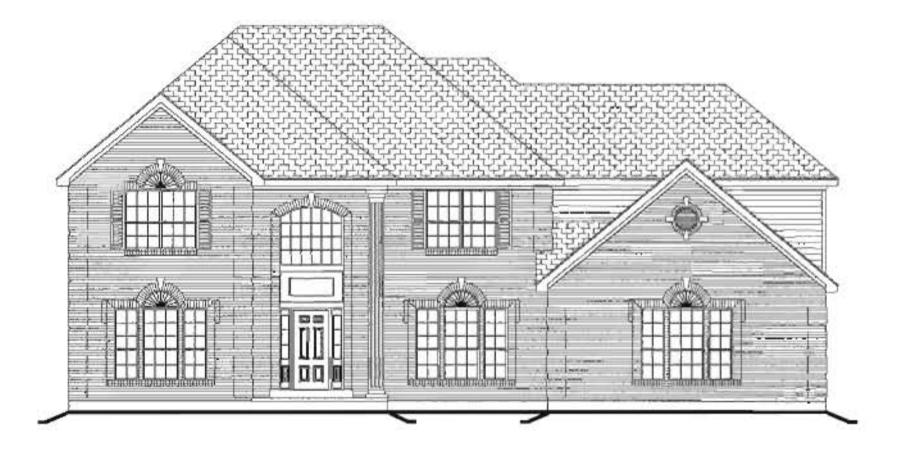


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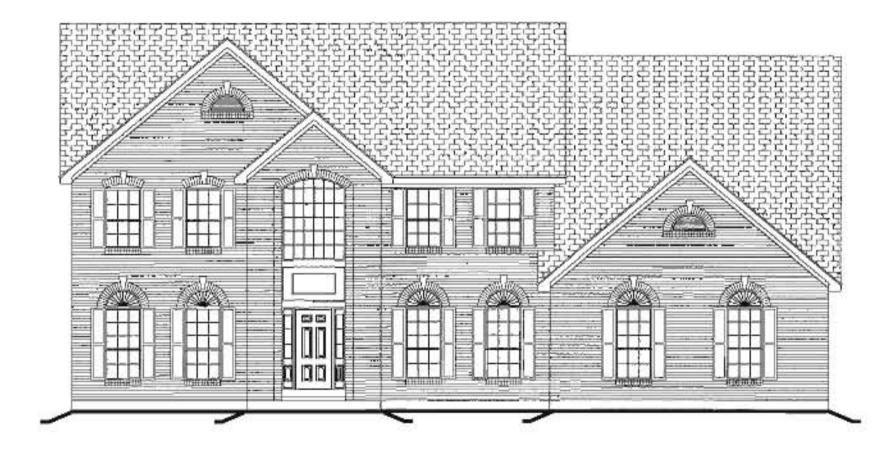


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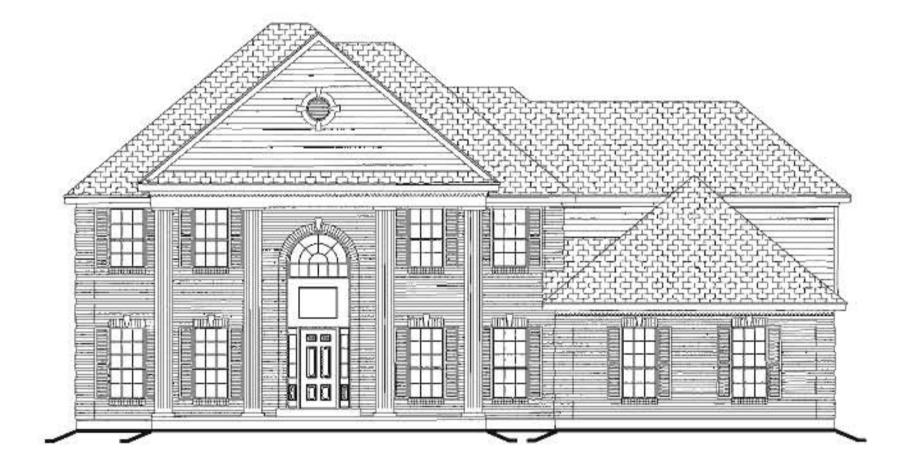






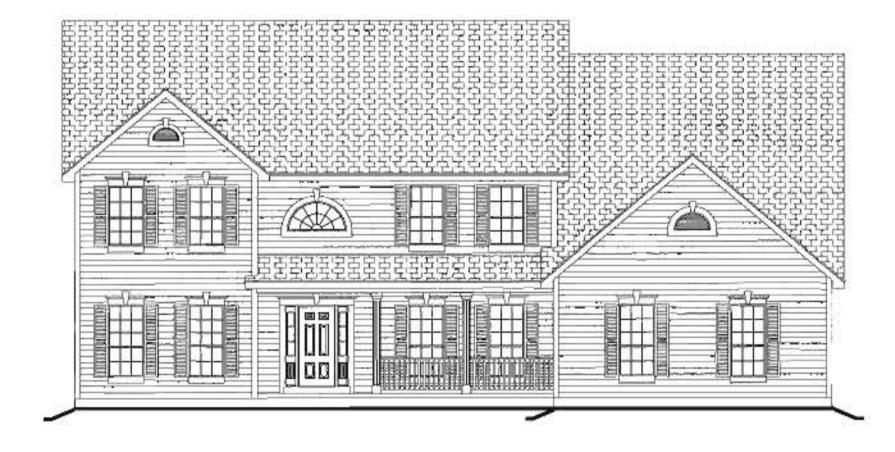








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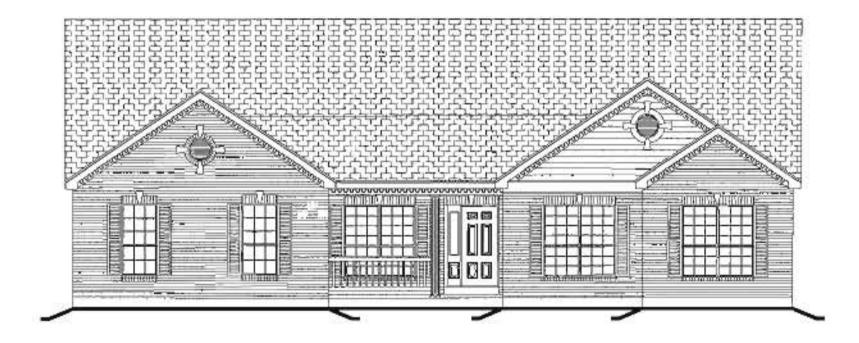


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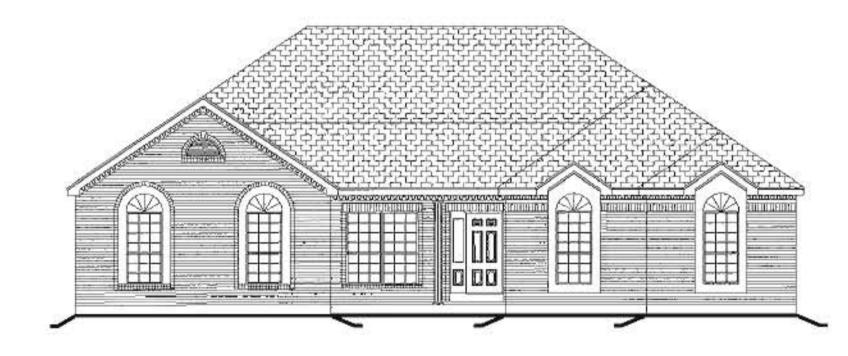






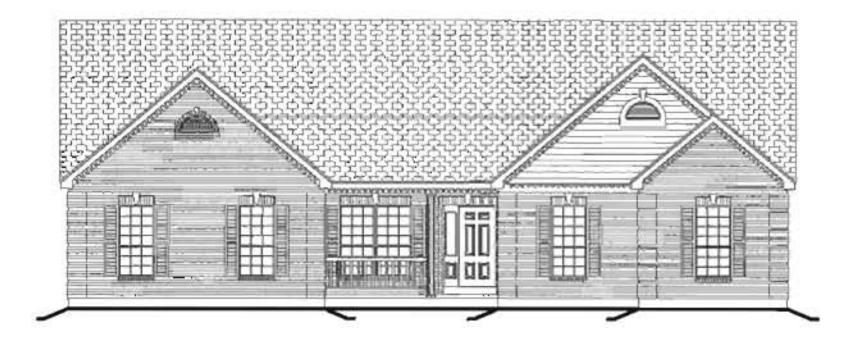


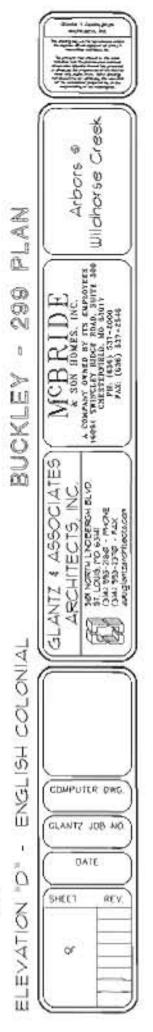




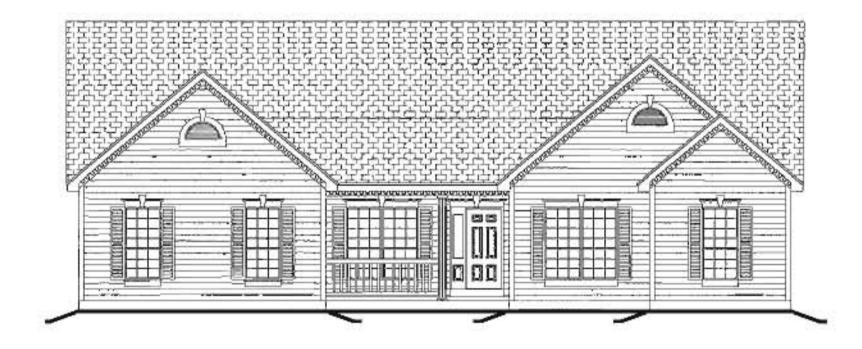




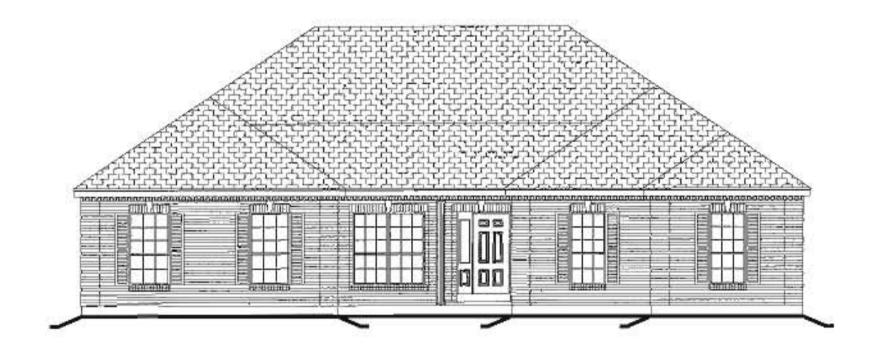


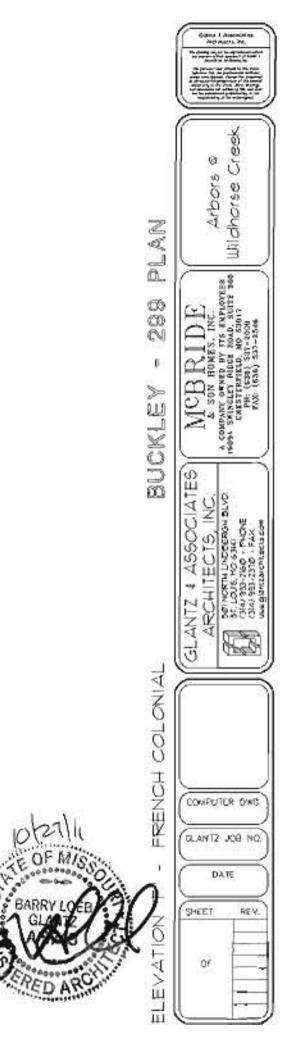


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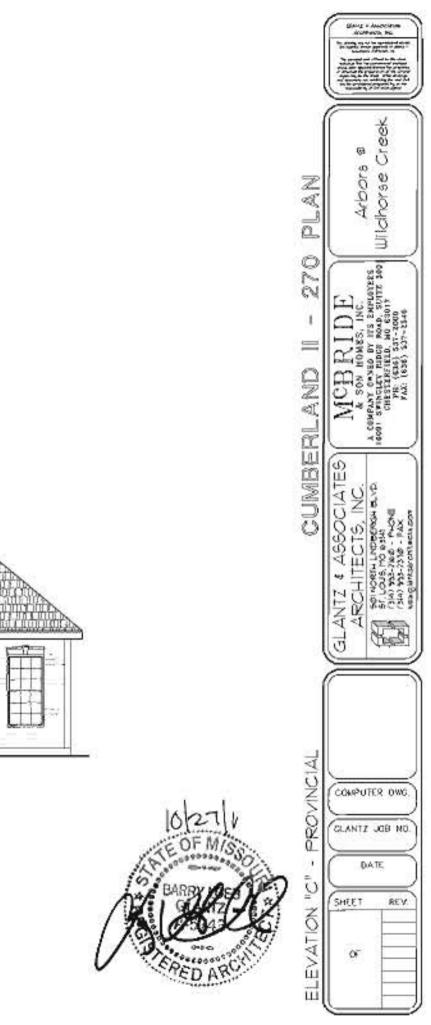




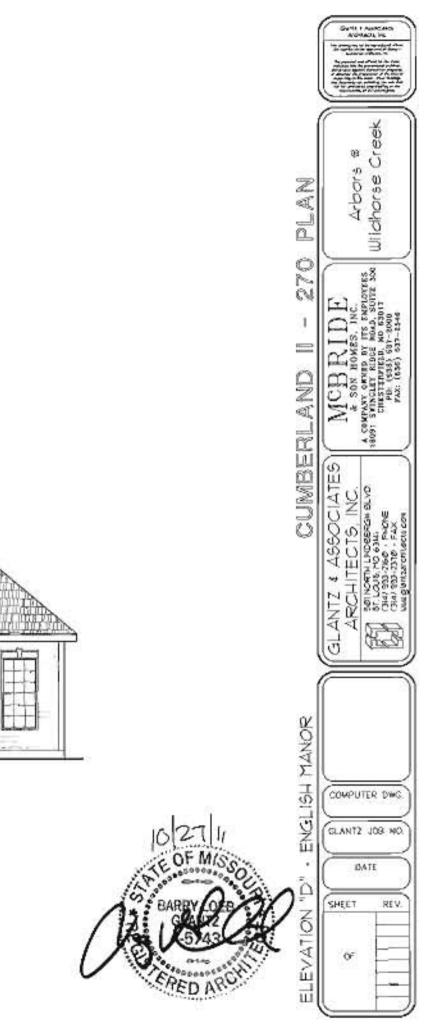




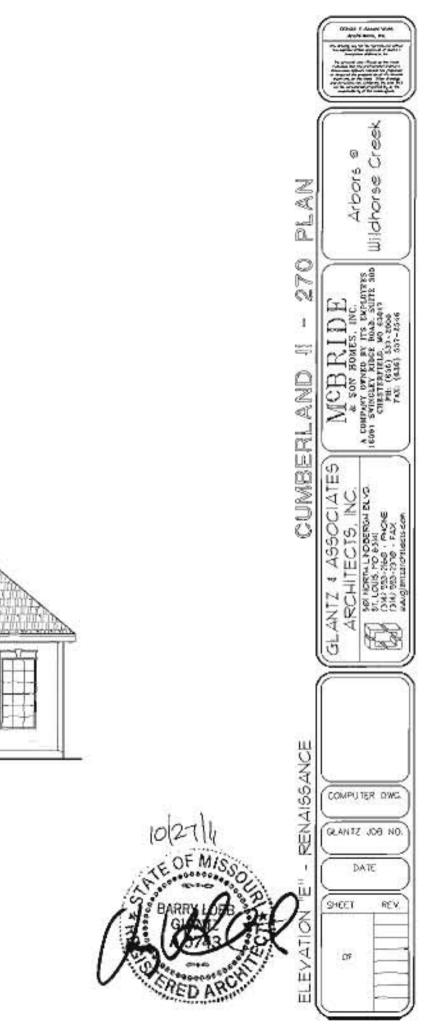






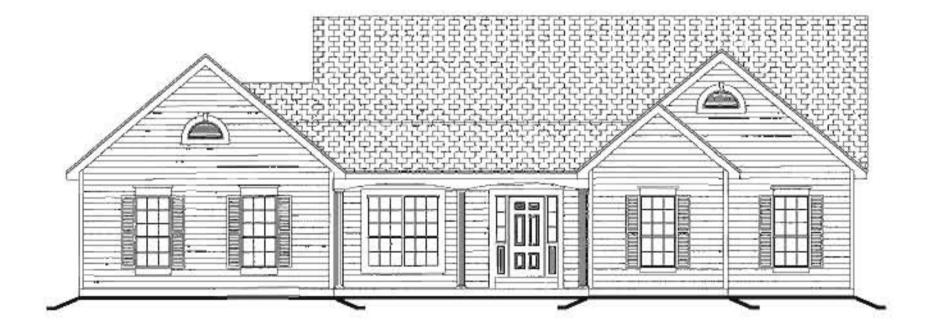






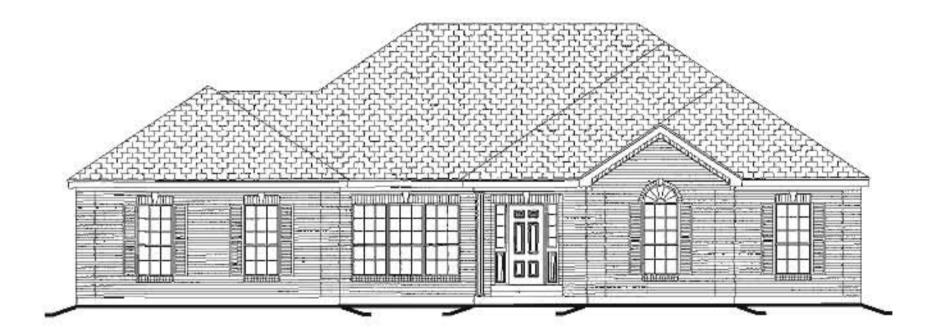


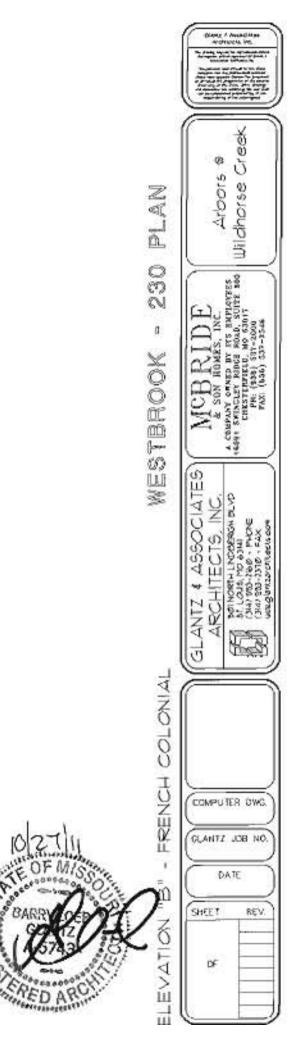


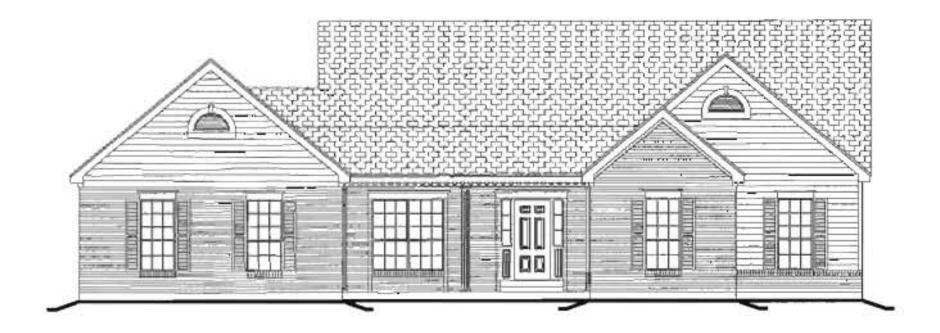




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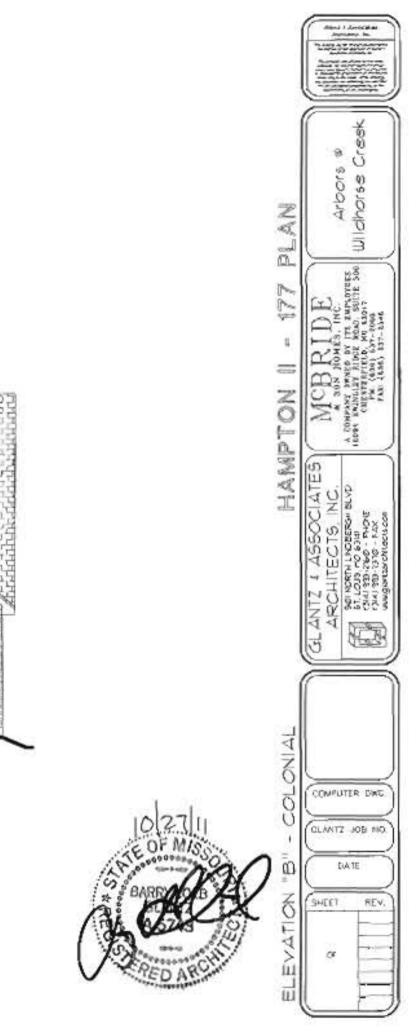
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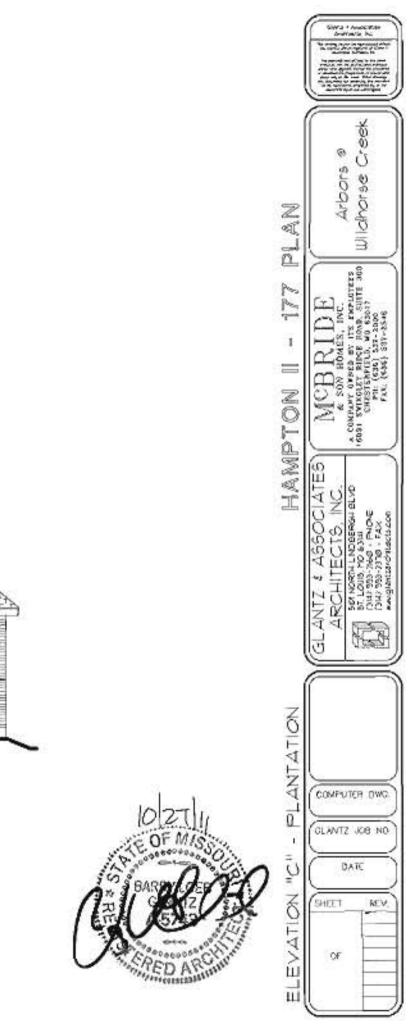


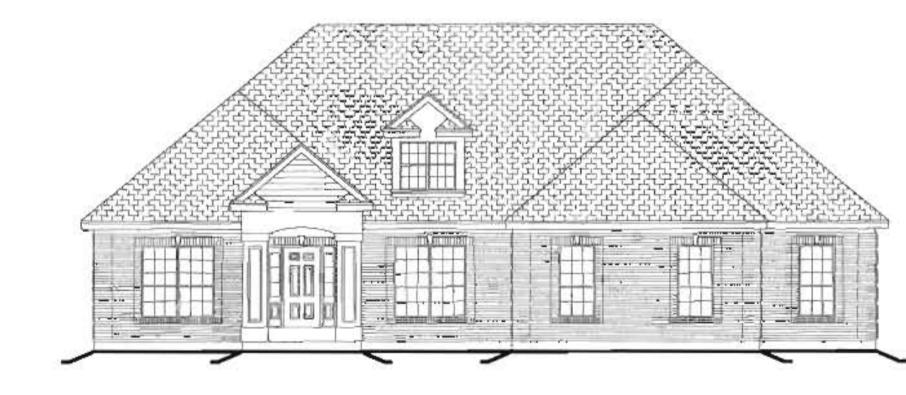




















































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GENERAL_NOTES:

- 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
- 3. 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.
- 4. 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.
- 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.
- 5. 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.
- 7. GRADING SHALL BE PER CITY OF CHESTERFIELD STANDARDS. SOURCE OF TOPOGRAPHY MSD ORTHOTOPO.
- B. STREET TREES AND STREET LIGHTS (UNLESS OTHERWISE DEPICTED) SHALL BE PER CITY OF CHESTERFIELD STANDARDS.
- 9. PROJECT IDENTIFICATION SIGNS SHALL HAVE A MAXIMUM AREA OF FIFTY (50) SQUARE FEET, A MAXIMUM HEIGHT OF SIX (6) FEET, AND SHALL REMAIN OUTSIDE OF THE THIRTY (30) FOOT SIGHT DISTANCE TRIANGLE.
- 10. NEAREST MAJOR INTERSECTION IS WILDHORSE CREEK ROAD AND LONG ROAD.
- 11. ALL SIDEWALKS SHALL BE CONSTRUCTED TO ADA AND THE CITY OF CHESTERFIELD STANDARDS.

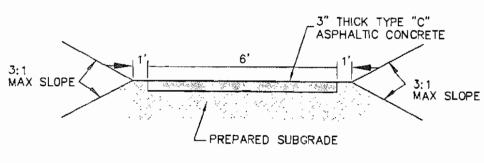
12. EXISTING OWNERS: 17560 WILDHORSE CREEK, LLC 1422 PACLAND PLACE CHESTERFIELD, MO 63005-4319

- 13. SITE TO CONFORM TO THE CITY OF CHESTERFIELD TREE REQUIREMENTS
- 14. MAXIMUM HEIGHT OF THE RESIDENCES WILL NOT EXCEED 50 FEET.

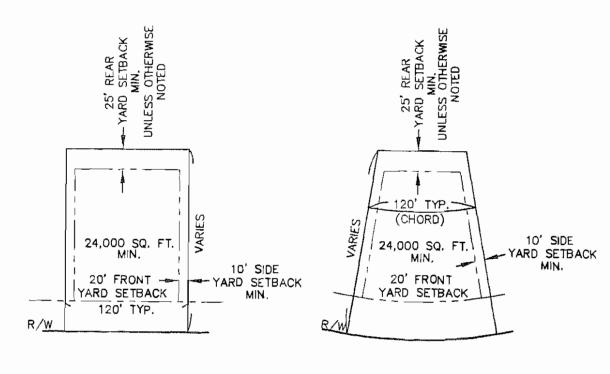
SITE INFORMATION

LOCATOR NUMBERS:	18V330046	
EXISTING ZONING:	"PUD" PLANNED UNIT	DEVELOPMENT (ORDINANCE 2678)
GROSS AREA OF SITE:	23.42 ACRES	
AVERAGE LOT SIZE:	26,112 S.F.	
MAXIMUM NUMBER OF UNITS A	ALLOWED:	22
NUMBER OF UNITS PROPOSED:		22
LOT DEVELOPMENT REQUIREME	FRONT YARD SETBACK	1D' UNLESS OTHERWISE SHOWN

NUMBER OF PARKING SPACES: TWO PER UNIT = 44 SPACES. PROPOSED STREETS SHALL BE PUBLIC 26' WIDE PAVEMENT WITH 50' WIDE R.O.W. COMMON GROUND = 7.81 ACRES WHICH EQUALS 33.3% OF THE SITE. FLOOD MAP: FIRM NO. 29189C0120H DATED 08-02-95

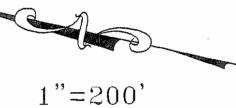


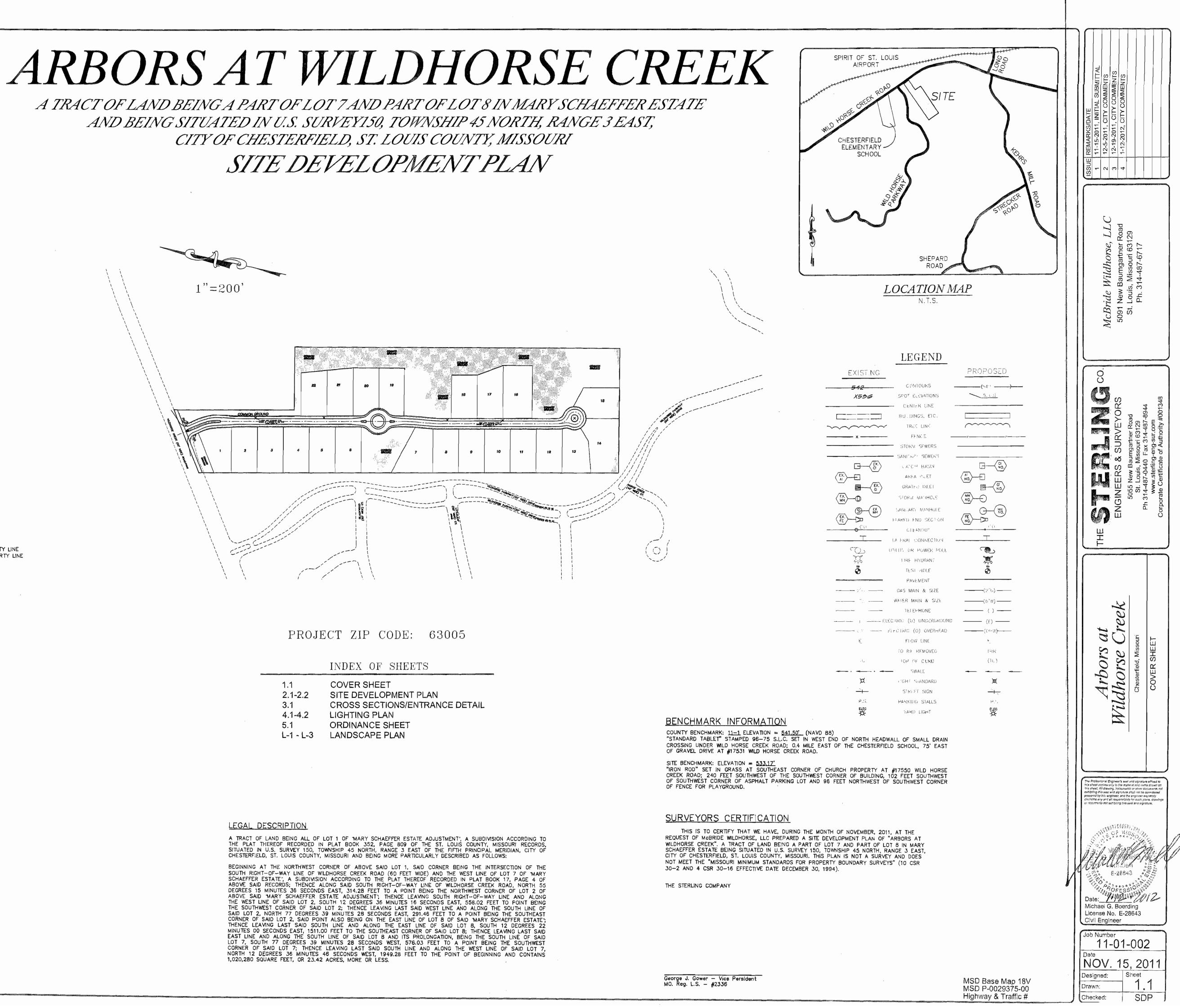




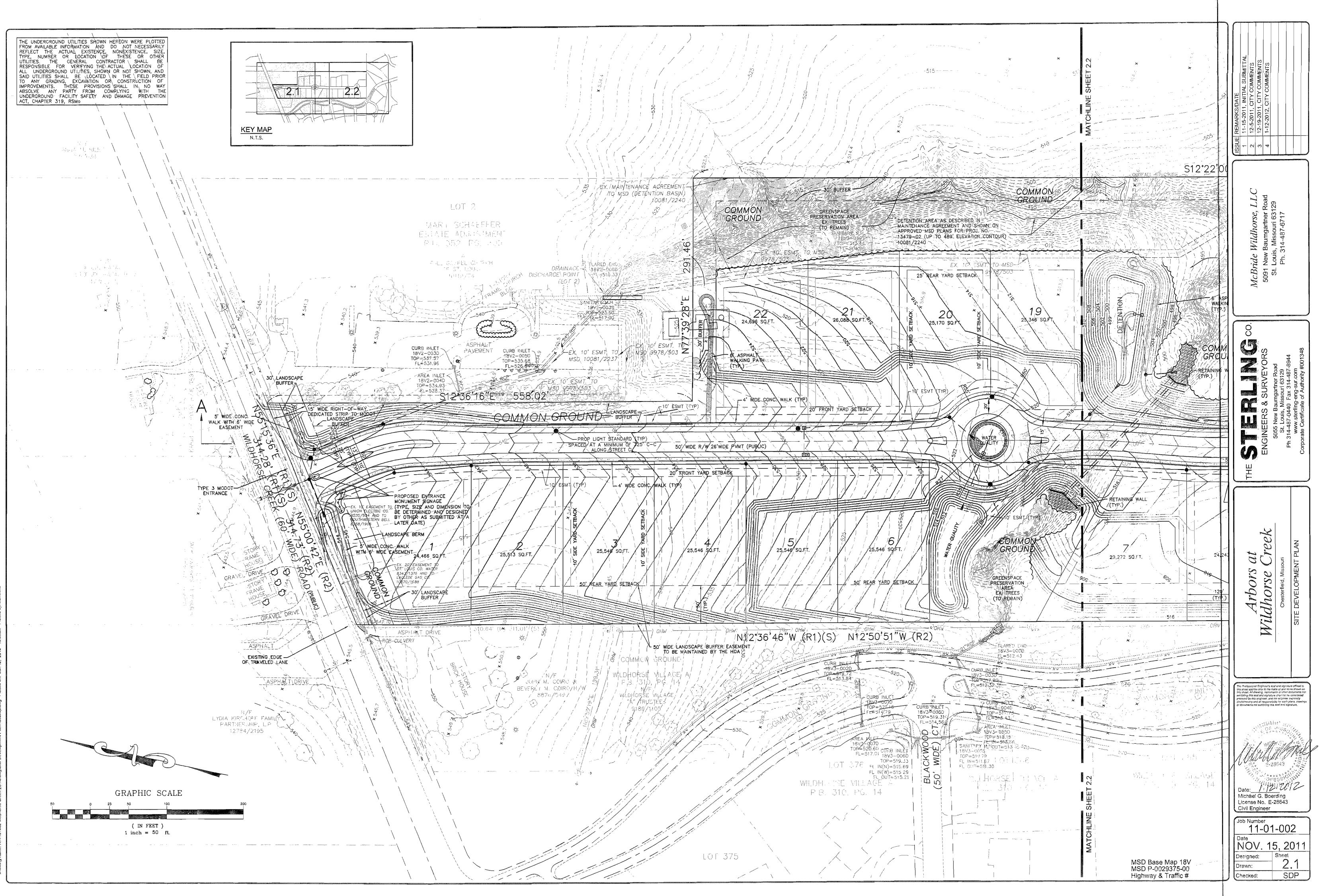
TYPICAL LOT NOT TO SCALE



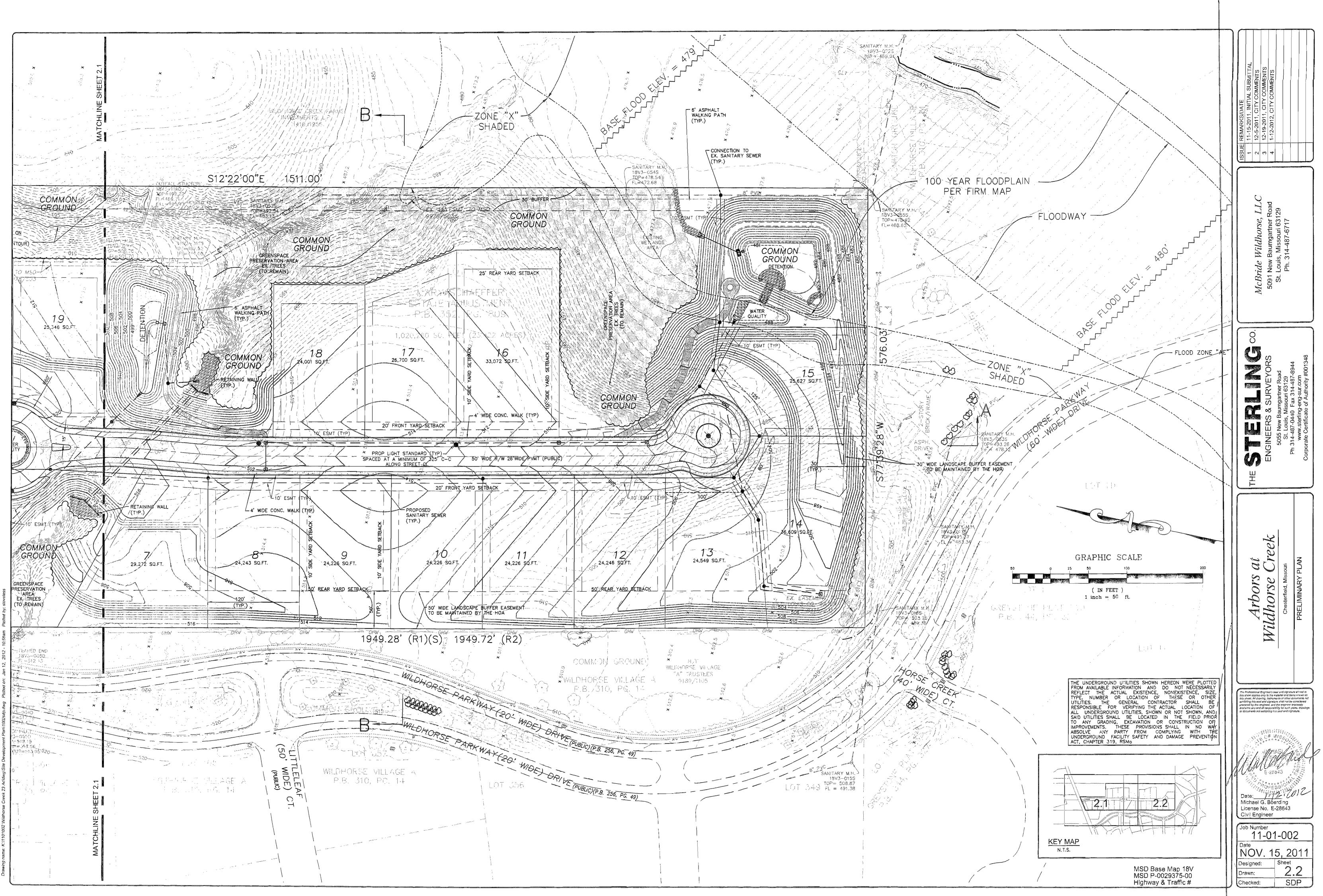




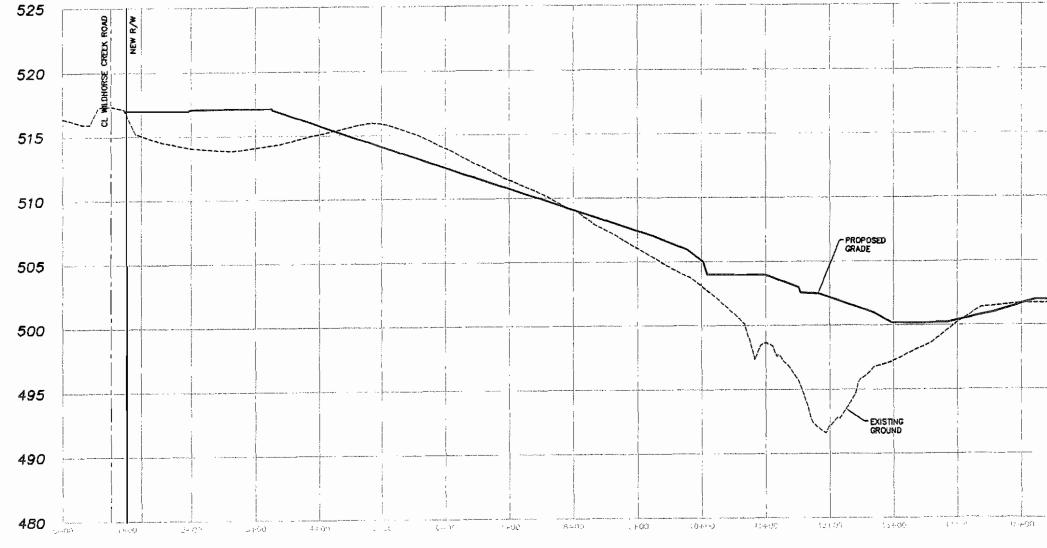
1.1	COVER SHEET
2.1-2.2	SITE DEVELOPMENT PLAN
3.1	CROSS SECTIONS/ENTRANCE DETAIL
4.1-4.2	LIGHTING PLAN
5.1	ORDINANCE SHEET
L-1 - L-3	LANDSCAPE PLAN



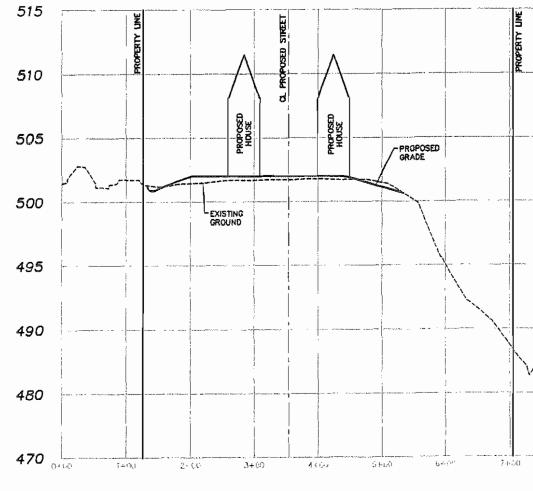
ng name: Kil1101002 Wildhorse Creek 23 AcldwglSite Development Plan11002sdp.dwg Plotted on: Jan 12, 2012 - 10:58am Plotted by: slove



20:1 TAPER 20:1 TAPER WILDHORSE CREEK (60' WIDE) ROAD ______ ENTRANCE DETAIL 1″=50'



SECTION A-A



SECTION B-B

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MSD Base Map 18V MSD P-0029375-00 Highway & Traffic #

12-12-12-1-10 - N 0 4 McBride Wildhc 5091 New Baumgar St. Louis, Missour Ph. 314-487-6 Ó Ō THE Arbors at Wildhorse Creek DETAI SECTIONS / ENTRANCE CROSS The Professional Engineer's seal and signative affixed to this sheet applies only to the maturial and items shown on this sheet. All drawing, instruments or other documents not orkibiting interest and signature show not be considered prepared by this organeer, and the engineer expressly disclaims any and an exponsibility for such plans, drawings or documents not exhibiting this seel and signature. JULE OF M - (76.8843 Date: ______ Michael G. Boerding License No. E-28643 Civil Engineer Job Number 11-01-002 Date NOV. 15, 2011 Designed: Sheet Drawn: 3.1 Checked: SDP

