SITE BENCHMARK 2 Plan View

6000 S.F.

25' BLDG. LINE 62' MIN.

− 5' ESMT

S' SETBACK

Drawing Index

1.1	Cover Sheet
	Residential Notes
	Overall-Grading / SWPPP
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4.1-4.8	Site Plan
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7.1-7.10	Sanitary Profiles
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	—Pavement-Details—
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Commercial Note

A SITE PLAN FOR THE COMMERCIAL AREA WILL BE REQUIRED FOR REVIEW AND APPROVAL WHEN A LAND USE IS CHOSEN AND PRIOR TO DEVELOPMENT

* City of O'Fallon Construction work hours per City Ordinance 3429 as shown in section 500.420 of the Municipal Code of the City of O'Fallon are as follows:

> October 1 through May 31 7:00 A.M. To 7:00 P.M. Monday Through Sunday June 1 Through September 30 6:00 A.M. To 8:00 P.M. Monday Through Friday 7:00 A.M. to 8:00 P.M. Saturday and Sunday

* The area of this phase of devel	140.73_AC.		
The area of land disturbance is		133.94 AC.	
Number of proposed lots is		338 LOTS	
Building setback information:	Front	25 FT	
-	Side	6 FT	
	Rear	15 FT	

Benchmarks

THE STERLING COMPANY HAS ESTABLISHED 2 SITE BENCHMARKS. AS DESCRIBED HEREON. THE SITE DATUM HAS BEEN ESTABLISHED BY GPS OBSERVATION USING CORS REFERENCE STATION 'MOOF' (O'FALLON).

<u>SITE BENCHMARK 1</u> - FOUND CROSS - ELEV.= 647.53' (NAVD 88) LOCATED IN CUL-DE-SAC AT SOUTH END OF EASTGATE DRIVE.

<u>SITE BENCHMARK 2</u> — FOUND CROSS — ELEV.= 612.98' (NAVD 88) LOCATED AT THE CENTER LINE OF PAUL RENAUD BLVD. AND WYNDGATE RIDGE DRIVE.

Project Data

1. TOTAL SITE AREA: 140.73 ACRES

2. TOTAL DISTURBED 133.94 ACRES

3. FLOOD NOTE: ACCORDING TO THE FLOOD INSURANCE RATE MAP OF ST. CHARLES COUNTY. MISSOURI, AND INCORPORATED AREAS THIS PROPERTY LIES WITHIN (COMMUNITY PANEL NUMBER 29183C0220 F DATED MARCH 17, 2003) AND (COMMUNITY PANEL NUMBER 29183C0410 E DATED AUGUST 2, 1996 - REVISED BY LOMR EFFECTIVE DECEMBER 27, 2006 PURSUANT TO CASE NO. 06-07-B699P), THIS PROPERTY LIES MOSTLY WITHIN ZONE X. ZONE X IS DEFINED AS AREAS OUTSIDE 500-YEAR FLOODPLAIN. A PORTION OF THIS PROPERTY LIES WITHIN ZONE AE. ZONE AE IS DEFINED AS SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD WITH BASE FLOOD ELEVATIONS DETERMINED.

4. TREE PRESERVATION CALCS: EXISTING TREES TREES REMOVED = 38.42 ACRES TREES SAVED = 5.83 ACRES (13.2%)

TREES REQUIRED TO BE SAVED = 8.85 ACRES (20.0%) TREES REQUIRED TO REPLANT = 3.02 ACRES @ 15 TREES/ACRE = 46 TREES TREES PROVIDED = GREATER THAN 150 TREES PLANTING MITIGATION IS REQUIRED. COMPLIED WITH CHAPTER 402, SECTION 402.040

Deviations From R-1 Zoning District

	R-1 REGULATIONS	PROPOSE
IIN. LOT SIZE	10,000 S.F.	6000 S.F.
IN. LOT WIDTH	80 FT.	62 FT.
RONT YARD	25 FT.	25 FT.
SIDE YARD	6 FT.	6 FT.
REAR YARD	25 FT.	15 FT.
OT COVERAGE	35%	50%

6' SETBACK

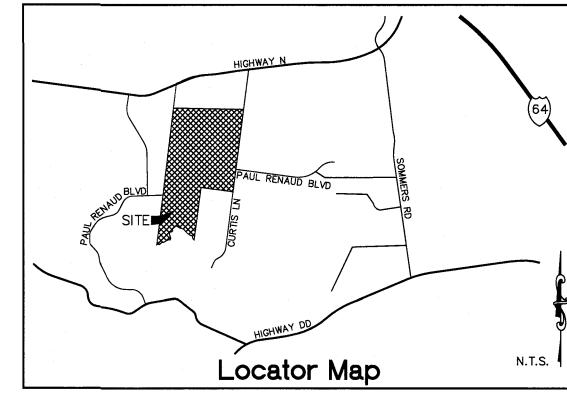
MIN.

62' WIDE LOTS

A SET OF CONSTRUCTION PLANS FOR

THE VILLAGES AT SHADY CREEK

A TRACT OF LAND BEING A PART OF U.S. SURVEY 931 AND A PART OF THE EAST HALF OF SECTION 9, TOWNSHIP 46 NORTH, RANGE 2 EAST, ST. CHARLES COUNTY, MISSOURI



Conditions of Approval From Planning and Zoning

The city has concerns with the ability of motorists accessing (pulling in, backing out of, etc.) Lots 288B-291B in such close proximity to the right-of-way dedicated to the City of O'Fallon. Consideration should be given to extend Colebrook Court so that the homes at the end of the cul—de—sac (Lots 320B to

. Add a right turn lane on the southbound section of the right-of-way dedicated to the City of O'Fallon at Haycastle Drive. This can double as the pick-up/drop-off lane the school district will require when phase 2 is developed. 4. The pavement within the intersection of Highway N and the right—of—way dedicated to the City of O'Fallon shall be properly designed for future needs at this time to avoid the need for additional right—of—way dedication in the future from the commercial area. This will need to include all traffic lanes, medians and

signal post placement. This shall be part of the Construction Plans and can be shown in phases. City will require MoDOT approval prior to Construction Plan approval. 5. An intersection signal plan at Highway N and Lake Saint Louis Boulevard will need to be reviewed and

Paul Renaud Boulevard landscaped, irrigated and contained within common ground or easement dedicated to the homeowners association for maintenance. If this is not possible and the City is responsible for maintenance, the City will require decorative stamped concrete in the islands.

8. The Construction Plans shall address the Municipal Code Requirements listed 9. A crosswalk shall be provided across Paul Renaud Blvd. in the round-a-bout.

10. The covenants and restrictions shall include language that states any fences that abut Paul Renaud Blvd.

The Approval is also conditional upon the following Municipal Code Requirements being provided in conjunction with the Construction Site Plans: 1. The Wentzville School District comments shall be addressed on the Final Plan

2. A detailed landscaping plan in accordance with the requirements of chapter 402 and the conditions set forth on the Area Plan and as noted in the Final Plan shall be submitted with the construction plans. 3. All subdivision monuments, identification signage and/or directional signage shall be reviewed and approved by the Planning Division prior to installation.

4. The City of O'Fallon has created Construction Plan sheets which format shall be used when submitting Construction Plans for review. The Construction Plan sheets can be found at http://www.ofallon.mo.us/dept_PW_engineering.htm.

Per April 23, 2015 Approval Requests

The Area Plan approval would be contingent upon the following:

1. Several issues have been identified on the Area Plan. Realizing this plan serves as a concept for a future commercial development and does not accurately represent what could be constructed; staff will address additional design issues when a amended Area Plan is submitted for development in the future. 2. The plans shall be submitted to MoDOT for review and comment. Any comments set forth by MoDOT shall be addressed on the Final Plan.

3. A 30 foot bufferyard shall be provided along the south property line of the subject property, which is consistent with the bufferyard that was previously approved on the Final Plan for the other non-residential portion of the development east of the subject property when the Area Plan for this portion of the

4. Considering the proximity of existing residential development to the south, a 10 foot no grading easement shall be maintained to preserve existing vegetation and minimize any impact future development will have on

5. The County has requested a 30ROW dedication along the entire frontage of Hwy. N to provide a 60' ROW from the center line of Hwy. N. Additional they have requested a 25' setback and that structures, parking lots, drive aisles etc. remain outside the setback area. Another approach to the County's request would be to determine what they anticipate for future roadway improvements and insure that the grading work could occur within the right of way dedication area or to verify the grading limits that would be needed would be

6. The petitioner shall abide by the comments set forth in the letter provided by the Wentzville School District. 7. The construction site plans shall address the Municipal Code requirements listed.

The approval is also conditional upon the following Municipal Code requirements being provided in conjunction At the time of final plan approval, detailed information including the covenants and restrictions on the development standards and architectural controls shall be provided. Such standards and controls shall be consistent with the concepts of Mixed—Use Traditional Development District.

3. Provide easements for any proposed signage. 4. An amended Area Plan will be required when the commercial portion of this development is proposed to be

6. The Area Plan is the first step in the review and approval process. Should the Area Plan be approved a Final Plan is then required to be submitted. The Final Plan also requires a public hearing and sign posting.

Zoning and Density Notes

26.54 ACRES = 18.86% PROPOSED RIGHT-OF-WAY WITHIN RESIDENTIAL: 114.19 ACRES = 81.14% NET PROPOSED RESIDENTIAL AREA: CURRENT ZONING: R-1 - SINGLE FAMILY RESIDENTIAL PROPOSED ZONING: MUTDD - MIXED-USE TRADITIONAL DEVELOPMENT DISTRICT JOANNE GRIFFITH & GARY E. KOPADT REVOCABLE TRUSTS 62' LOTS = 83

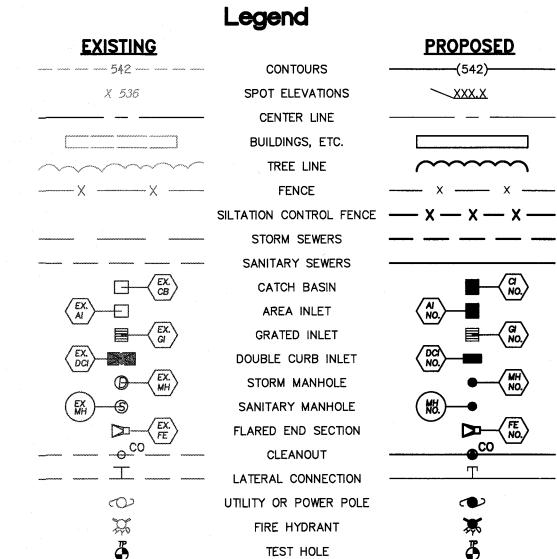
75' LOTS = 16088' LOTS = 95

DWELLING UNITS PROPOSED: 338 UNITS/(140.73-26.54) AC. = 2.96 UNITS/ACRE

RESIDENTIAL SPACES REQUIRED: (2.0 SPACES/UNIT)x(338 UNITS)= 676 SPACES RESIDENTIAL SPACES PROVIDED: POOL AREA SPACES PROVIDED: 52 SPACES 728 SPACES TOTAL SPACES PROVIDED:

BICYCLE PARKING CALCULATIONS: (1 RACK SPACE/15 PARKING SPACES) (1.0 SPACES/10 DWELLING UNITS) 4 RACK SPACES/BUILDING MIN) SPACES REQUIRED: 34 SPACES SPACES PROVIDED: 52 SPACES BIKE RACK SPACÉS REQUIRED: 4 RACK SPACES BIKE RACK SPACES PROVIDED: 7 RACK SPACES

COMMON GROUND: 26.55 ACRES RIGHT-OF-WAY:



AS-BUILT IMPROVEMENT LOCATIONS

The existing sewers length, sizes, flowlines, depths of structures and sewers, the pavement, water valves and hydrants, electric boxes, and gas valve locations with respect to existing or proposed easements have been located and/or measured. The results of those measurements are shown on this set of Final Measurement Plans. Since the sanitary wye and water line locations have been plotted from information provided by the contractor(s) or other sources, I disclaim any responsibility for that specific information.

All public utilities are located within the designated existing or proposed easements

CITY OF O'FALLON COMMUNITY DEVELOPMENT DEPARTMEN ACCEPTED FOR CONSTRUCTION BY:____ DATE____

PROFESSIONAL ENGINEER'S SEAL INDICATES RESPONSIBILITY FOR DESIGN

Legal Description

06'47'41" WEST A DISTANCE OF 567.50 FEET TO A POINT; THENCE CONTINUING ALONG THE WEST LINE OF SAID 25 FOOT WIDE STRIP SOUTH 06'48'24" WEST A DISTANCE OF 1943.23 FEET TO THE NORTHEAST CORNER OF A TRACT OF LAND DESCRIBED IN AFOREMENTIONED DEED TO BARNETT; THENCE ALONG THE CORNER OF A TRACT OF LAND DESCRIBED IN AFOREMENTIONED DEED TO BARNETT, INC. ALONG THE NORTH LINE OF SAID BARNETT TRACT NORTH 82'55'01" WEST A DISTANCE OF 904.67 FEET TO THE NORTHWEST CORNER OF SAID BARNETT TRACT; THENCE ALONG THE WEST LINE OF SAID BARNETT TRACT SOUTH 06'48'44" WEST A DISTANCE OF 1485.45 FEET TO THE CENTERLINE OF A CREEK; THENCE LEAVING

07 MINUTES 53 SECONDS WEST, 61.31 FEET; SOUTH 21 DEGREES 01 MINUTES 26 SECONDS EAST, 114.84 DEGREES 56 MINUTES 32 SECONDS WEST, 51.57 FEET; SOUTH 48 DEGREES 27 MINUTES 51 SECONDS T, 83.23 FEET; NORTH 80 DEGREES 04 MINUTES 02 SECONDS WEST, 61.14 FEET; SOUTH 45 DEGREES 05 MINUTES 34 SECONDS WEST, 17.42 FEET TO A POINT ON THE WEST LINE OF AFOREMENTIONED U.S. SURVEY 931 AND POINT OF BEGINNING CONTAINING 6,130,258 S.F. (140.7313 ACRES) MORE OR LESS, ACCORDING TO A SURVEY BY THE STERLING COMPANY DURING JUNE 2014, UNDER ORDER NUMBER

Utility Contacts

Sanitary Sewer City of O'Fallor Contact: 636 281 2858

Duckett Creek Sanitary District 3550 Highway K O'Fallon, MO. 63368 636-441-1244

727 Craig Rd.

Public Water Supply District No. 2 P.O. Box 967 O'Fallon, MO. 63366 636-561-3737 Ext. 131 Storm Sewer City of O'Fallon 100 N. Main St.

636-281-2858 Curve River Electric Co. P.O. Box 160 Troy, MO. 63379-0160 1-800-392-3709

O'Fallon, MO. 63366

Ameren UE 200 Callahan Road Wentzville, MO. 63385 636 639 8312

Laclede Gas Company 6400 Graham Road St. Louis, MO. 63134 314-522-2297

Telephone Century Tel 1151 Century Tel Dr. Wentzville, MO. 63385 636-332-7261 Fire Department O'Fallon Fire Protection District 119 E. Elm St. O'Fallon, MO. 63366 636-272-3493

Wentzville Fire District 209 West Pearce Blvd. Wentzville, MO. 63385

Cottleville Fire Protection District 1385 Motherhead Rd. St. Charles, MO. 63304 636-447-6655

> **P+Z No**. P&Z NO City No. Date: **Job No.** 14-03-087

Page No.

15-162-SP

6/14/2016

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Date: 6/14/2016

Civil Engineer

RODNEY ARNOLD

LICENSE # PE-2002016612

"Final Plan" Approval Date: January 8, 2015 (26-14.01)

= = = = = = = = = PAVEMENT except as shown herein. THE STERLING COMPANY HENSON Jamey A. Henson NUMBER Mo. Reg. P.L.S. - #2007017963

2. Provide with the Final Plan a detailed landscaping plan in accordance with Chapter 402 of the Code. 5. Internal traffic circulation of the commercial area will need to be reviewed in detail when users and layout

> 10,000 S.F. 10,000 S.F. 10,000 S.F. 6' SETBACK 6' SETBACK 88' WIDE LOTS

TYPICAL LOT DETAILS NTS NOTE: ALL LOTS SHALL HAVE MINIMUM 5' SIDE, 10' FRONT AND 7.5' REAR EASEMENTS (10' REAR EASEMENT ALONG BOUNDARY PERIMETER AND COMMON GROUND AREAS) 15' SETBACK (CHORD) 7500 S.F. 6000 S.F.

75' MIN.

15' SETBACK 7500 S.F. 6' SETBACK MIN. 6' SETBACK 25' BLDG. LINE

75' WIDE LOTS

15' SETBACK MIN.

