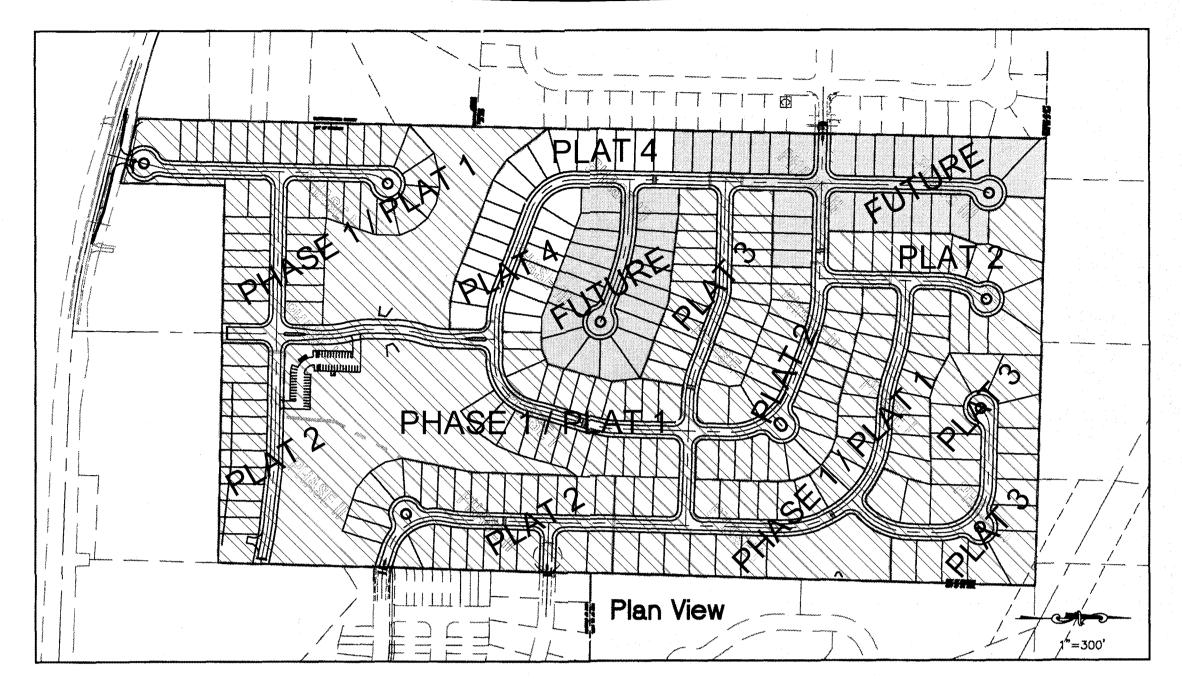
## AS-BUILTS FOR PLAT 4



Benchmarks

SITE BENCHMARK #2: ELEVATION = 525.10' (NAVD 88)

Zoning and Density Notes

NET PROPOSED RESIDENTIAL AREA:

80' LOTS =

60' LOTS = 77

52' LOTS = 176

TOTAL = 284

COMMON GROUND:

RIGHT-OF-WAY:

MIN. LOT WIDTH

REAR YARD

6,200 S.F

LOT COVERAGE

DWELLING UNITS PROPOSED:

RESIDENTIAL SPACES PROVIDED:

POOL AREA PARKING CALCULATIONS

(1.0 SPACES/10 DWELLING UNITS)

SPACES REQUIRED: 29 SPACES

SPACES PROVIDED: 50 SPACES

POOL AREA SPACES PROVIDED:

TOTAL SPACES PROVIDED:

GROSS PROPOSED RESIDENTIAL AREA OF SITE: PROPOSED RIGHT-OF-WAY WITHIN RESIDENTIAL:

CURRENT ZONING: R-1 - SINGLE FAMILY RESIDENTIAL

CURRENT OWNER: HIGHWAY P INVESTMENTS LLC.

PROPOSED ZONING: R-1 - P.U.D., SINGLE FAMILY RESIDENTIAL

284 UNITS/(82.54-14.80) AC. = 4.19 UNITS/ACRE

RESIDENTIAL SPACES REQUIRED: (2.0 SPACES/UNIT)x(284 UNITS)= 568 SPACES

14.80 ACRES

6' SETBACK

Deviations From R-1 Zoning District

R-1 REGULATIONS

10,000 S.F.

80 FT.

25 FT.

35%

TYPICAL LOT DETAILS NTS

6,200 S.F.

80' WIDE LOTS

568 SPACES

50 SPACES

FORT MEYERS, FL, 33919

PAVEMENT FOR DUXBURY LANE. (SHOWN HEREON ON SHEET 3 OF 4)

GRS STATION F-149 USC&GS; ELEVATION=542.80' (NAVD88)
"BRASS VERTICAL MARK DISK" STAMPED "F 149 1935" SET IN A 6

CONCRETE MONUMENT, PROJECTING ABOUT 2.5 INCHES ABOVE THE GROUND SURFACE.

SOUTH OF THE ENTRANCE TO THE CITY OF O'FALLON MUNICIPAL CENTRE. IT IS 46.5 FEET

NORTH OF THE CENTER OF THE TRACKS; 2.4 FEET EAST OF A GUY POLE; 9.3 FEET EAST

OF THE EAST EDGE OF SIDEWALK AND 5.7 FEET SOUTHEAST OF A PLASTIC BURIED CABLE

"CROSS" SET IN CONCRETE PAVEMENT AT THE INTERSECTION OF THE CENTER OF FAWN

LIGHT STANDARD, 40 FEET NORTHEAST OF A UTILITY VAULT, AND 63 FEET SOUTHWEST

OF A MANHOLE IN DOUBLE CURB INLET ON THE EAST SIDE OF FAWN OAKS DRIVE.

"CROSS" SET AT NORTH EDGE OF CONCRETE STREET IN FRONT OF 1148 DUXBURY LANE

LOCATED 8 FEET SOUTH OF SOUTHWEST CORNER OF CONCRETE SIDEWALK, 43 FEET

NORTH OF A SEWER MANHOLE AND 104 FEET EAST OF NORTHEAST CORNER OF

67.74 ACRES = 82.07%

BICYCLE PARKING CALCULATIONS:

4 RACK SPACES/BUILDING MIN)

6,200 S.F.

52 FT.

20 FT.

50%

6,200 S.F.

(1 RACK SPACE/15 PARKING SPACES)

BIKE RACK SPACES REQUIRED: 4 RACK SPACES

BIKE RACK SPACES PROVIDED: 4 RACK SPACES

## Drawing Index

1.1	COVER SHEET
<del>1.2</del>	RESIDENTIAL NOTES
<del>- 2.1-2.7</del>	SWPPP (NOT PART OF SUBMITTAL)
3.2, 3.3 <del>3.1-3.3</del>	GRADING PLAN (PAVEMENT & SWALES
1.2, 4.3 <del>4.1-4.3</del>	SITE PLAN (ELECTRIC & SEWERS)
5.2 <del>5.1-5.3</del>	UTILITY PLAN (WATER)
<del>6.1-6.6 6.1-6.6 6.1-6.6 6.1-6.6 6.1-6.6 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 </del>	STREET PROFILES
7.4, 7.5 <del>7.1-7.7</del>	SANITARY SEWER PROFILES
_ ' _	STORM SEWER PROFILES
3.3,8.4, <del>8.1-8.10</del>	
8.5 - 9.1-9.4	DRAINAGE AREA MAP
<del>10.1-10.12</del>	DETENTION/WATER QUALITY DETAILS
<del>11.1</del>	HYDRAULIC CALCULATIONS
<del>-12.1-12.7</del>	ENTRANCE DETAILS / WARPINGS
<del>- 13.1</del>	TRAFFIC CONTROL PLAN
<del>-14.1-14.4</del>	SITE SECTIONS
<del>- 15.1</del>	RETAINING/HEADWALL DETAILS
<del></del>	RETAINING WALL PLAN (BY OTHER)
	HEADWALL DETAILS
	HEADWALL PLAN (BY OTHER)
	LANDSCAPE PLAN
	EROSION CONTROL DETAILS
	STORM SEWER DETAILS
	SANITARY SEWER DETAILS
	WATER MAIN DETAILS
DTL3-DTL0	DAY/ENTERINDETAILS

1. TOTAL SITE AREA: 2. TOTAL DISTURBED

3. FLOOD NOTE: FEMA MAP PANEL: PER FLOOD INSURANCE RATE MAP PANEL NUMBER 9183C0230G DATED JANUARY 20, 2016. THIS SITE IS ZONED X, DESCRIBED AS AREAS OUTSIDE THE

4. TREE PRESERVATION CALCS: **EXISTING TREES** TREES REMOVED

TREES SAVED = 5.4 ACRES (33.3%) TREES REQUIRED TO BE SAVED = 3.3 ACRES (20.0%)

NO PLANTING MITIGATION IS REQUIRED. COMPLIED WITH CHAPTER 402, SECTION 402.040

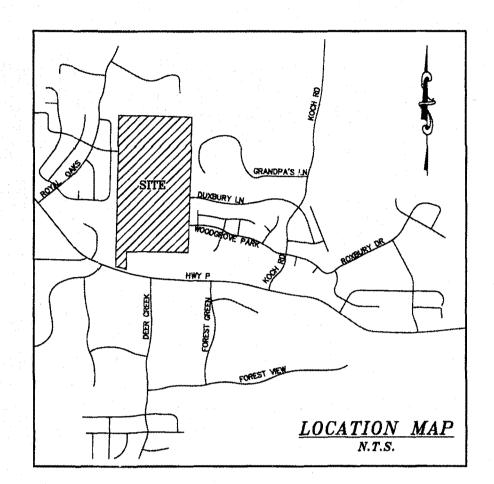
5. ESTIMATED SANITARY SEWER FLOW = 105,080 GALLONS/DAY

\* 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

# A SET OF CONSTRUCTION PLANS FOR COBBLESTONE CROSSING == AS BUILT

A TRACT OF LAND BEING PART OF THE EAST HALF OF SECTION 18. TOWNSHIP 47 NORTH, RANGE 3 EAST OF THE FIFTH PRINCIPAL MERIDIAN, CITY OF O'FALLON, ST. CHARLES COUNTY, MISSOURI



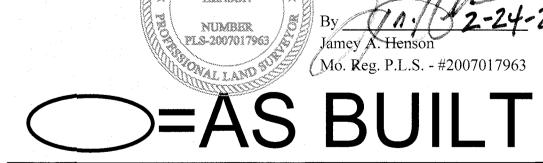
### Legend

EXISTING		PROPOSED
	CONTOURS	(542)
X 536	SPOT ELEVATIONS	XXX.X
	CENTER LINE	
Amender manufacte resummers innivitual	BUILDINGS, ETC.	
Sund South South South Strand South South South	TREE LINE	~~~~~~
XX	FENCE	X X
	SILTATION CONTROL FENCE	X X X
	STORM SEWERS	
	SANITARY SEWERS	
	CATCH BASIN	Ci No.
(EX)—EI	AREA INLET	AI NO.
EX.	GRATED INLET	No.
(EX.)—EII	DOUBLE CURB INLET	DCI NO.
(D)—(EX.)	STORM MANHOLE	MH NO.
( <del>**</del> )—⑤	SANITARY MANHOLE	Mg.)—
	FLARED END SECTION	FE NO.

### 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 except as shown herein. JAMEY A HENSON



6,200 S.F.

60' WIDE LOTS

SETBACK

6' SETBACK

MIN.

NOTE: ALL LOTS SHALL HAVE A MINIMUM DEPTH OF 100' AND A MINIMUM 5' SIDE, 10' FRONT AND 7.5' REAR EASEMENTS (10' REAR EASEMENT ALONG BOUNDARY PERIMETER AND COMMON GROUND AREAS)

6,200 S.F.

20' SETBACK

6,200 S.F.

25' BLDG. LINE 52' MIN.

## Legal Description

BEGINNING AT A CONCRETE MONUMENT FOUND FOR CENTER OF ABOVE SAID SECTION 18; THENCE ALONG THE NORTH-SOUTH CENTERLINE OF SAID SECTION 18, SAID CENTERLINE ALSO BEING THE EAST LINE OF A TRACT OF LAND CONVEYED TO TIMOTHY AND CHRISTINE SHULTE, HUSBAND AND WIFE, BY DOCUMENT RECORDED IN DEED BOOK 4819 PAGE 223 OF THE ST. CHARLES COUNTY, MISSOURI RECORDS, THE EAST LINE OF ROYAL OAK PLAT ONE" ACCORDING TO THE PLAT THEREOF RECORDED IN PAGE 335 OF SAID RECORDS, AND THE EAST LINE OF ROYAL OAKS ADDITION PLAT 4-A" ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 32 PAGE 7

THE EAST HALF OF SECTION 18, TOWNSHIP 47 NORTH, RANGE 3 EAST OF THE FIFTH PRINCIPAL MERIDIAN, CITY OF O'FALLON, ST. CHARLES COUNTY

NORTHEAST OF SAID CENTERLINE OF STATE HIGHWAY P; THENCE LEAVING SAID NORTH LINE OF STATE HIGHWAY P AND ALONG SAID NORTH-SOUTH CENTERLINE OF SECTION 18, NORTH 01°26'51" EAST, 113.64 FEET TO THE POINT OF BEGINNING AND CONTAINS 3,595,656 SQUARE FEET, OR 82.544 ACRES, MORE OR LESS, ACCORDING 1 CALCULATIONS PERFORMED BY THE STERLING COMPANY DURING THE MONTH OF OCTOBER, 2016.

## Conditions of Approval From Planning and Zoning

This approval would be contingent upon the following:

1. Provide approval of street names from St. Charles County. 2. Provide a school bus turnaround in a cul-de-sac per the Fort Zumwalt School District letter dated December 5, 2016.

3. The city's traffic consultant at Hanson Professional Services has reviewed the Technical Memorandum for Traffic Distribution provided by CBB on December 8, 2016

The approval is also conditional upon the following Municipal Code requirements being provided in conjunction with the Construction Site Plans:

. Reconfigure the Street A access to Highway P. The entrance shall be shifted approximately 30 feet to the west or otherwise realigned as approved by the Director of Planning and Development so that it is centered on the cul-de-sac and provide the island as a part of this development subject to MoDOT approval.

3. All buildings shall meet the 50-foot creek bank setback.

4. Relocate the waterline that runs through Lots 127B to 138B and 139C, and 140C in a manner approved by the Director of Planning and Development. This waterline shall be placed in a 15 foot easement approved by the Director of Planning and Development.

5. Provide the design for the extensions to Street B and Street C to determine the grading requirements as approved by the Director of Planning and Development.

6. Storm and sanitary sewers shall be positioned on the lots as to not interfere with future construction of rear decks or accessory structures

7. If future manument signs will be proposed on Lots 38C or 39C, provide easements approved by the Director of Planning and Development for that purpose.

8. Provide landscaping detail on construction plans for the lots with the 20 foot buffer where sufficient tree mass does not already exist, as determined and approved by the Director of Planning and Development.

9. Provide temporary slope and construction licenses for removal and restoration of the temporary subdivision entrance on Street A.

10. Provide the documentation that the existing sanitary sewer was inspected and in good condition prior to construction plan approval. The developer is responsible for any damage done to the existing line. In lieu of this documentation, the developer may opt to replace the existing 35 year old trunk line already in place.

11. Water consumption and pressure modelling data must be provided to the Director of Planning and Development, and all water infrastructure shall be sufficient to assure adequate supply and pressure at each house, hydrant and other structures with water service.

12. Add Pressure Reducing Valve at the connection point of the transmission main and the water main

13. The developer shall provide an adequate means of protecting the existing water transmission main; the developer shall be responsible for any damage done to the

14. MoDOT is requiring a traffic study for the entrance off of Hwy P. Any comments or roadway requirements specified by MoDOT shall be adequately addressed on the

kiosk is required, the location shall be provided on further plans. Provide written confirmation from the USPS prior to construction plan approval as to that agency's

15. Developer must provide evidence of approval from the appropriate fire protection district and school district for all plans and construction affecting such entities. 16. The USPS shall be contacted to finalize their preferred method of mail delivery. A mail kiosk may be required in lieu of individual mail boxes for each lot. If a

17. Prior to the issuance of the first new home building permit the developer shall enter into a development agreement with the City specifying that the developer shall make a \$149.600 contribution to the City for future improvements to Highway P and Koch Road intersection. Alternatively, developer may contribute as individual

plats are approved at a rate of \$519 per lot per plat. 18. Provide traffic calming throughout the development. Local streets should not exceed 600—900 feet in length without design considerations for traffic calming. They may however, extend to 1/4 mile if the street is curved (100-200 feet radius) for an adequate length (minimum curve length equals the curve radius) and the

cut—through traffic potential is minimal. In addition provide traffic calming at all connection points to existing stub streets. All traffic calming plans and installations must be approved by the Director of Planning and Development and may only be removed or replaced with the approval of the Director of Planning and development.

29. Provide a contribution for the future multi-purpose trail on Highway P. in accord with established city standards for calculating required contributions. Contributions cut—through traffic potential is minimal. In addition provide traffic calming at all connection points to existing stub streets. All traffic calming plans and installations

must be made at the time of approval of each plat within the development.

20. Construction traffic will access the site from the temporary entrance on Highway P (Street A) only.

6,200 S.F.

52' WIDE LOTS

6' SETBACK

MIN.

21. Any variances relating to building setbacks shall require revision to the approved PUD.

22. Prior to the issuance of building permits for 40% of the total units, all recreational amenities shall be open for use

Development to insure that developer will install off-site traffic calming measures specified by the Department of Public Works in accord with Section 19 of the City's

Traffic Management Policy. The construction site plans shall address all relevant requirements of the O'Fallon Municipal Code.

6,200 S.F.

20' SETBACK

Utility Contacts

ISSUE REMARKS/DATE

6-6-17 REVISED PER CITY COMMENTS

Sanitary Sewer City of O'Fallon 100 N. Main St. O'Fallon, MO. 63366 Contact: 636-281-2858

**Duckett Greek Sanitary District** 3550 Highway K O'Fallon, MO, 63368

City of O,Fallon 100 N. Main St. O'Fallon, MO. 63366 Contact: 636-281-2858

727 Craig Rd. St. Louis, MO. 63141

P.O. Box 967 O'Fallon, MO. 63366 <del>636-561-3737 Ext. 131-</del> Storm Sewer

City of O'Fallon 100 N. Main St. O'Fallon, MO. 63366 636-281-2858

Curve River Electric Co. P.O. Box 160 Troy, MO. 63379-0160 <del>1-800-392-3709</del>

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 Centurylink 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

ENGINEER'S SEAL INDICATES RESPONSIBILITY FOR DESIGN

Michael G. Boerding

License No. MO E-28643 Civil Engineer

× + 5

**P+Z No.** 29-16.01 City No. Date: Aug. 7, 2017

**Job No.** 16-08-239

Page No.

As-Built <del>IMP</del>

"FINAL PLAN" Approval Date: January 26, 2017

