| ISSUE | DATE / REMARKS |
|---|---|
| 1 | 08/28/2017 Initial Submittal |
| 2 | 10/06/2017 City Comments |
| 3 | 11/10/2017 City Comments |
| 4 | 12/16/2017 City Comments |
| 5 | 01/11/2018 City Resubmittal |

PROJECT TITLE

*Brookview*

O'FALLON, MISSOURI


THE STERLING CO.
ENGINEERS & SURVEYORS
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STATE OF MISSOURI
SEAN M. ACKLEY
NUMBER PE-2009018679
PROFESSIONAL ENGINEER

Date: *01/11/18*
*SEAN ACKLEY*
*LICENSE # PE-2009018679*
*Civil Engineer*

*McBride Guthrie, LLC*
*16091 Swingley Ridge Road, Suite 300*
*Chesterfield, Missouri 63017*
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OVERALL UTILITY PLAN

| | |
|---|---|
| P+Z No. | 17-005894 |
| City No. | 17-008288 |
| Date: | 01/11/18 |
| Job No. | 17-02-041 |

Page No.

*6.1*

IMP

"Final Plan" Approval Date: August 24, 2017

PROPOSED 8" PVC MAIN
10"x10"x8" TEE. VALVE ON EACH LEG OF TEE
PROPOSED CLEARING LIMIT
PROPOSED WATER METER (TYP.)
8"x6" REDUCER
PROPOSED 6" PVC MAIN
RETAINING WALL #1 W/ FENCE (DESIGN BY OTHERS)
PROPOSED 10" PVC MAIN
PROPOSED FIRE HYDRANT ASSEMBLY WITH VALVE
BLOW OFF HYDRANT WITH VALVE
PROPOSED 10" PVC FOR FUTURE EXTENSION
10"x10"x10" TEE VALVE ON EACH LEG OF TEE
RETAINING WALL #4 (DESIGN BY OTHERS)
PROPOSED CLEARING LIMIT
PROPOSED FIRE HYDRANT ASSEMBLY WITH VALVE PER CITY OF O'FALLON DETAILS (TYP.)
RETAINING WALL #5 (DESIGN BY OTHERS)
10"x10"x8" TEE. VALVE ON EACH LEG OF TEE
PROPOSED 10" PVC MAIN
PROPOSED FIRE HYDRANT ASSEMBLY WITH VALVE
45° BENDS
REMOVE ASPHALT FULL DEPTH & REPLACE IN KIND AS REQUIRED TO INSTALL WATER MAIN (SEE "DETAILS OF TEMPORARY OPENINGS IN ROADWAY PAVEMENT" ON SHEET 13.2)
CONNECT TO EXISTING MAIN PER CITY OF WENTZVILLE STANDARDS
PROPOSED METER VAULT PER CITY OF O'FALLON STANDARDS
20' R.O.W. DEDICATION
30° BEND
90° BEND
COMMON GROUND
COMMON GROUND & DETENTION
BROOKVIEW WAY DRIVE
BROOKVIEW WAY COURT
CONNECT TO EXISTING MAIN PER CITY OF O'FALLON STANDARDS
PROPOSED CLEARING LIMIT
RETAINING WALL #2 W/ FENCE (DESIGN BY OTHERS)
PROPOSED 10" PVC MAIN
PROPOSED FIRE HYDRANT ASSEMBLY WITH VALVE (TYP.)
10"x10"x6" TEE. VALVE ON EACH LEG OF TEE
RIGHT-OF-WAY DEDICATION (84'W. TOTAL RIGHT-OF-WAY WIDTH)
90° BEND
REMOVE EXISTING CONCRETE PAVEMENT FULL DEPTH @ NEAREST JOINT & REPLACE IN KIND AS REQUIRED TO INSTALL WATER MAIN (SEE "DETAILS OF TEMPORARY OPENINGS IN ROADWAY PAVEMENT" ON SHEET 13.2)
PROPOSED FIRE HYDRANT ASSEMBLY WITH VALVE (TYP.)
PROPOSED 6" PVC MAIN
PROPOSED FIRE HYDRANT ASSEMBLY WITH VALVE (TYP.)
8"x6" REDUCER
PROPOSED 8" PVC MAIN
PROPOSED WATER METER (TYP.)
RETAINING WALL #3 W/ FENCE (DESIGN BY OTHERS)
SITE BENCHMARK #1: SET P.K. NAIL ELEVATION = 575.79'
SITE BENCHMARK #2: FND. CROSS ELEVATION = 528.16'
UNDERGROUND TELEPHONE LINES PER FIELD MARKS
OLD GUTHRIE (30'w) ROAD
GUTHRIE ROAD WAS VACATED AND ABANDONED IN PLACE BY THE CITY OF O'FALLON, MISSOURI ON JUNE 27, 2013 BY ORDINANCE 5897 AND AS RECORDED IN BOOK 6072 PAGE 1480. UTILITY EASEMENT RIGHTS REMAIN IN PLACE.
BRUSHY BROOK DRIVE
THORN BROOK (50'W) DRIVE
FAWN BROOK COURT
BURNING BROOK (50'W) DRIVE
BIRCH BROOK (50'W) COURT
FROSTY BROOK COURT
THORN BROOK DRIVE
COOL WINDS (50'W) DRIVE
PLEASANT BREEZE (50'W) DRIVE
WESTWIND (79'W) LANE
WESTWIND PARK DR. (VAR. WIDTH)
FERN BROOK (50'W) COURT
SUNNY BROOK COURT
COMMON GROUND AREA "P"

GRAPHIC SCALE
100 0 50 100 200 400
( IN FEET )
1 inch = 100 ft.

*NOTE:*
*1. PROVIDE GRANULAR BACKFILL TO ALL WATER MAIN TRENCHES THAT CROSS THE PAVEMENT, LIE WITHIN TEN(10) FEET OF THE EDGE OF PAVEMENT AND/OR THE 1:1 SHEAR PLANE OF THE ROAD*

Drawing name: V:\170\2\41 Guthrie Road\Drawings\Engineering\Improvements\2041IMP.dwg Plotted on: Jan 11, 2018 - 9:44am Plotted by: sackley