

INLET PROTECTION NOTE:
 AS STORM SEWER INLETS ARE CONSTRUCTED, INLET PROTECTION SHALL BE PROVIDED AS FOLLOWS:
 AREA INLETS - REFERENCE "INLET PROTECTION - FABRIC DROP" DETAIL ON SHEET DTL-2
 CURB INLETS - REFERENCE "CURB INLET PROTECTION" DETAIL ON SHEET DTL-1

SEDIMENT BASIN C

DRAINAGE AREA ONSITE = 16.47 ACRES
 DRAINAGE AREA OFFSITE = 3.78 ACRES
 DRAINAGE AREA TOTAL = 20.25 ACRES
 DISTURBED AREA = 16.47 ACRES

VOLUME REQUIRED: (20.25 AC)(3,600 CU.FT./AC) = 72900 CU.FT.

VOLUME PROVIDED:

ELEV.	VOLUME (CU.FT.)
547.5	0
548.0	2,885
548.5	6,040
549.0	14,631
549.5	22,572
550.0	31,720
552.0	74,888
554.0	126,944

TOP OF BERM = 554.0
 6" RISER ELEVATION = 552.0
 REQUIRED VOLUME ACHIEVED = 551.91

N/F
 GRIFFITH, JOANNE &
 KOPADT, GARY E., TRS.
 D.B. 2354, P.G. 724
 ID# 4-0067-0931-00-0003
 (CITY OF OFALLON)



ISSUE	DATE	REMARKS
1	8-10-2016	Initial Submittal
2	9-1-2016	PWSD #2 & DCSD Comments
3	10-24-16	City Comments
4	11-15-16	DCSD Comments
5	12-13-16	City Comments
6	12-28-16	DCSD Comments
7	1-18-17	PWSD #2 Comments
8	1-26-17	Fire District Comments
9	1-27-17	City Comments
10	3-1-17	City Comments

PROJECT TITLE

WESTLEIGH

OFALLON, MISSOURI

THE STERLING CO.
 ENGINEERS & SURVEYORS
 5055 New Baumgartner Road
 St. Louis, Missouri 63129
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 www.sterling-eng-sur.com
 Corporate Certificate of Authority #001348



Date: 3/01/2017
 RODNEY ARNOLD
 LICENSE # PE-2002016612
 Civil Engineer

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SWPPP

P+Z No. P&Z NO
 City No. 15-162-SP
 Date: 3/01/2017
 Job No. 14-10-348

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