

SEDIMENT BASIN B

DRAINAGE AREA ONSITE = 7.56 ACRES
 DRAINAGE AREA OFFSITE = 3.83 ACRES
 DRAINAGE AREA TOTAL = 11.39 ACRES
 DISTURBED AREA = 7.56 ACRES

VOLUME REQUIRED: (11.39 AC)(3,600 CU.FT./AC) = 41,004 CU.FT.

VOLUME PROVIDED:

ELEV.	VOLUME (CU.FT.)
589.5	0
590.0	2,187
590.5	7,020
591.0	13,964
591.5	22,804
592.0	33,252
594.0	81,394
596.0	137,269

TOP OF BERM = 596.0
 6" RISER ELEVATION = 593.0
 REQUIRED VOLUME ACHIEVED = 592.3

SEDIMENT TRAP 5

DRAINAGE AREA ONSITE = 2.87 ACRES
 DRAINAGE AREA OFFSITE = 0.00 ACRES
 DRAINAGE AREA TOTAL = 2.87 ACRES
 DISTURBED AREA = 2.87 ACRES

VOLUME REQUIRED: (2.87 AC)(1,800 CU.FT./AC) = 5,166 CU.FT.

VOLUME PROVIDED:

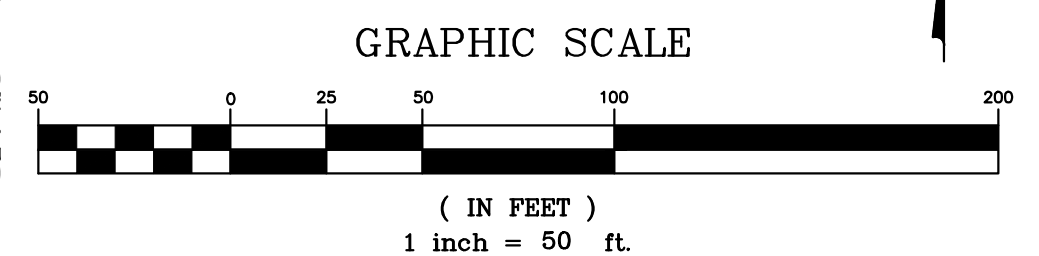
ELEV.	VOLUME (CU.FT.)
544.0	0
546.0	3,102
548.0	11,728

TOP OF BERM = 548.0
 REQUIRED VOLUME ACHIEVED = 546.7



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	12-24-16 City Comments
6	12-24-16 DCSD Comments
7	1-18-17 PWSD #2 Comments
8	1-29-17 DCSD Comments
9	1-29-17 City Comments
10	3-17-17 City Comments

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



PROJECT TITLE

WESTLEIGH

OFFALLON, MISSOURI

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Date: 3/01/2017
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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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