

SEE SHT 2.8 FOR CONTINUATION

ISSUE	DATE	REMARKS
1	3-3-2015	Initial Submittal
2	3-7-2015	City Comments
3	6-26-2015	City & PWSO #2 Comments
4	11-9-2015	City Comments
5	12-10-2015	City Comments

13.41 ACRES
 @ 2.09 C.F.S./AC.
 28.03 C.F.S.

SEDIMENT BASIN D

DRAINAGE AREA ONSITE = 10.72 ACRES
 DRAINAGE AREA OFFSITE = 0.00 ACRES
 DRAINAGE AREA TOTAL = 10.72 ACRES
 DISTURBED AREA = 10.72 ACRES

VOLUME REQUIRED: (10.72 AC)(3,600 CU.FT./AC) = 38,592 CU.FT.

VOLUME PROVIDED:

ELEV.	VOLUME (CU.FT.)
613.0	0
614.0	621
616.0	19,933
617.0	41,253
618.0	65,760
620.0	121,522

TOP OF BERM = 620.0
 6" RISER ELEVATION = 618.0
 REQUIRED VOLUME ACHIEVED = 617.0

1.73 ACRES
 (OFFSITE)
 @ 2.09 C.F.S./AC.
 3.62 C.F.S.

SEDIMENT BASIN C

DRAINAGE AREA ONSITE = 13.41 ACRES
 DRAINAGE AREA OFFSITE = 1.73 ACRES
 DRAINAGE AREA TOTAL = 15.14 ACRES
 DISTURBED AREA = 13.03 ACRES

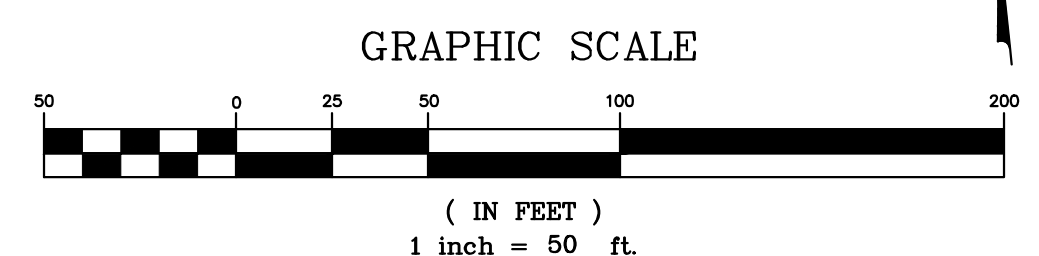
VOLUME REQUIRED: (15.14 AC)(3,600 CU.FT./AC) = 54,504 CU.FT.

VOLUME PROVIDED:

ELEV.	VOLUME (CU.FT.)
582.0	0
584.0	15,998
586.0	38,324
588.0	67,887
590.0	106,227
592.0	155,864
594.0	219,042
596.0	297,090
598.0	392,678
600.0	530,698
602.0	721,395

TOP OF BERM = 602.0
 REQUIRED VOLUME ACHIEVED = 588.0

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



SEE SHT 2.11 FOR CONTINUATION

PROJECT TITLE

The Villages at
Shady Creek

OFFALON, MISSOURI

THE STERLING CO.
 ENGINEERS & SURVEYORS

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Date: 12/10/2015
 RODNEY ARNOLD
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 Civil Engineer

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SWPPP

P+Z No. P&Z NO
 City No. 15-162-SP
 Date: 12/10/2015
 Job No. 14-03-087

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IMP

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

Drawing name: V:\140387_Golf\Drawings\Improvements\307\SWPPP.dwg Plotted on: Dec 15, 2015 9:25am Plotted by: dmiller