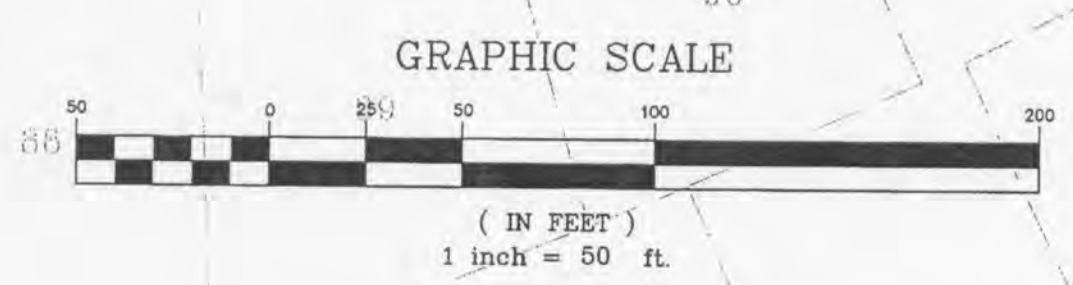


ISSUE	REMARKS/DATE
1	1-9-13 REVISED PER CITY COMMENTS
2	2-7-13 REVISED PER CITY COMMENTS
3	3-20-13 REVISED PER CITY COMMENTS
4	4-9-13 REVISED PER CITY COMMENTS



NOTE:
FOR AREAS WHERE EXISTING TREES ARE TO REMAIN, PROVIDE TEMPORARY CONSTRUCTION FENCING TO ENSURE THAT ADDITIONAL TREES ARE NOT REMOVED AND THE ROOT ZONE OF THE EXISTING TREES ARE NOT DISTURBED.

SEDIMENT TRAP #1

DRAINAGE AREA = 0.69 ACRES
DISTURBED AREA = 0.69 ACRES
VOLUME REQUIRED:
(0.69 AC)(1,800 CU.FT./AC) = 1,242 CU.FT.

VOLUME PROVIDED:

ELEV.	AREA SQ.FT.	VOLUME CU.FT.
527	1,215	---
527.5	1,448	665
528	1,695	1,450

TOP OF BERM = 529.0
REQUIRED VOLUME ACHIEVED = 527.8

SEDIMENT BASIN #2

DRAINAGE AREA = 7.37 ACRES
DISTURBED AREA = 6.42 ACRES
VOLUME REQUIRED:
(6.42 AC)(3,600 CU.FT./AC) = 23,112 CU.FT.

VOLUME PROVIDED:

ELEV.	AREA SQ.FT.	VOLUME CU.FT.
522	4,916	---
523	6,422	5,668
524	8,081	12,920
526	11,053	32,055

TOP OF BERM = 527.1
6" RISER ELEVATION = 525.2
REQUIRED VOLUME ACHIEVED = 525.2

PROJECT TITLE

WEATHERLY LANDING
OF FALLON, MISSOURI

THE STERLING CO.
ENGINEERS & SURVEYORS
5050 New Baumgartner Road
Missouri 63129
Ph. 314-487-0444
www.sterling-engr.com
Corporate Certificate of Authority #001348

The Professional Engineer's seal and signature shall be on the sheet. All drawings, instruments or other documents prepared by the engineer, and the engineer's approval, shall be the responsibility of each person preparing documents not exhibiting this seal and signature.



Date: 4/9/2013
RODNEY ARNOLD
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Civil Engineer

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SWPPP - OVERALL GRADING

P+Z No. 1305.05
City No.
Date: 11/12/2012
Job No. 12-05-127

Page No. **2.2**
IMP

Drawing name: K:\120512\Weatherly Landing\Improvements\120512IMP.dwg Plot date: Apr 09, 2013 - 3:23pm Plotted by: ramold