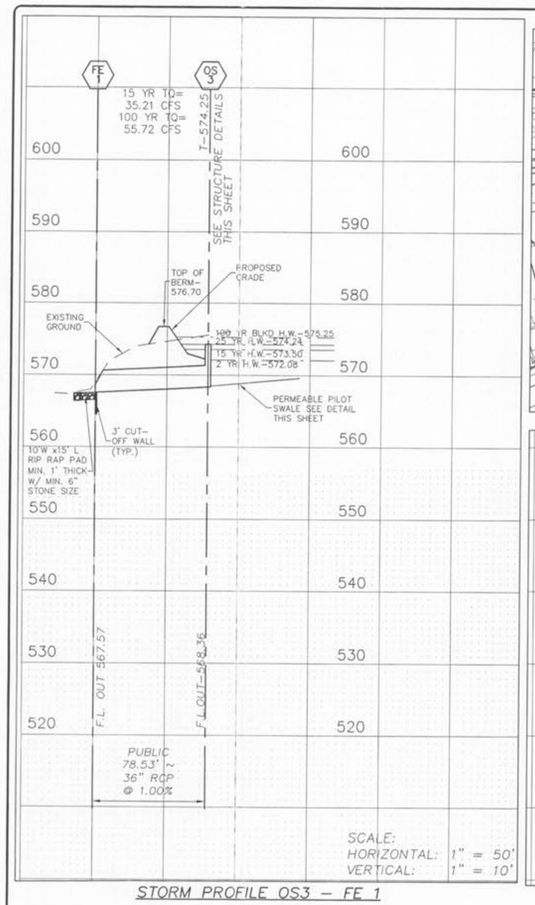
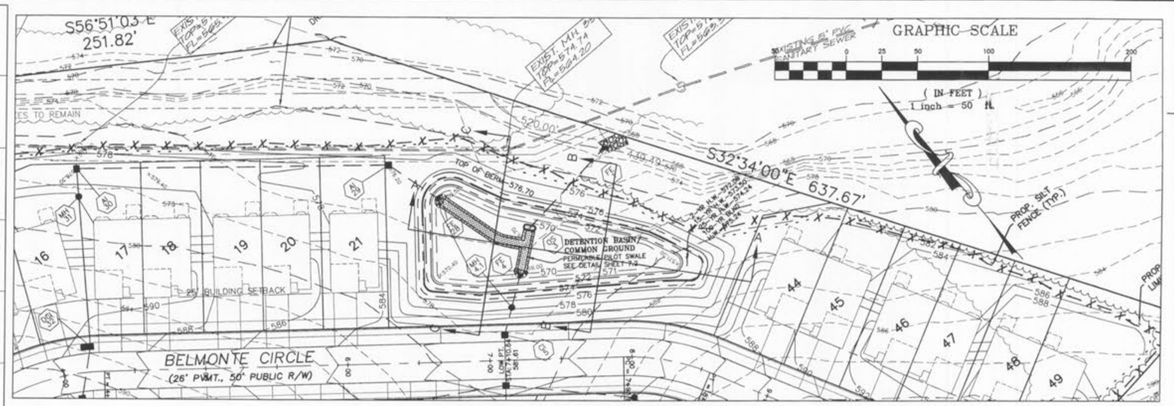
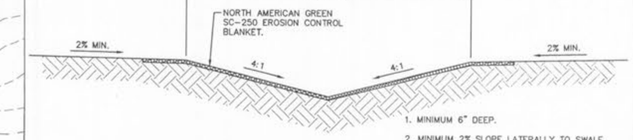


SCALE:
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 10'

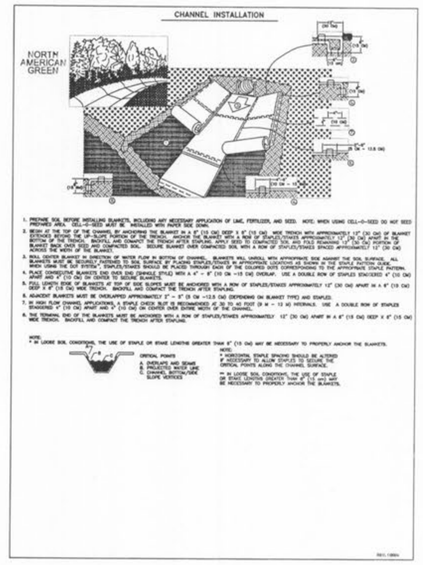
STORM PROFILE OS3 – FE 1

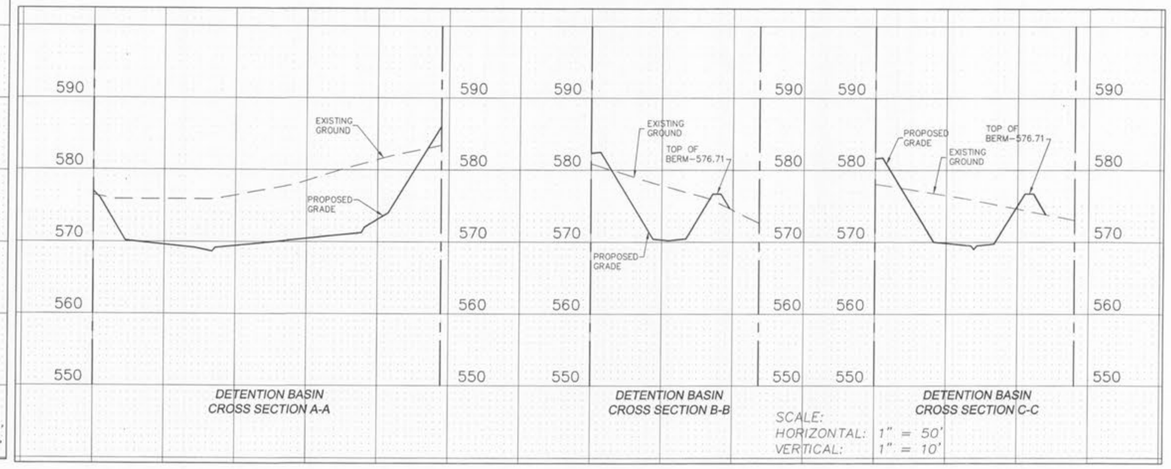




1. MINIMUM 6" DEEP.
2. MINIMUM 2% SLOPE LATERALLY TO SWALE AND 1% LONGITUDINALLY ALONG SWALE.
3. SWALE SHALL BE LINED WITH NORTH AMERICAN GREEN EROSION CONTROL BLANKET V-MAX C350 USING THE MANUFACTURERS STAPLE PATTERN "E", OR APPROVED EQUAL.

PERMEABLE PILOT SWALE
NOT TO SCALE



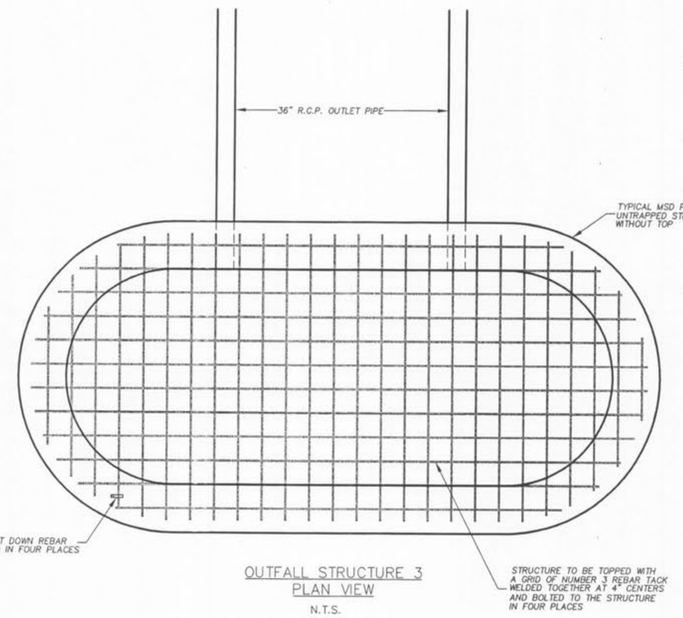


DETENTION BASIN CROSS SECTION A-A

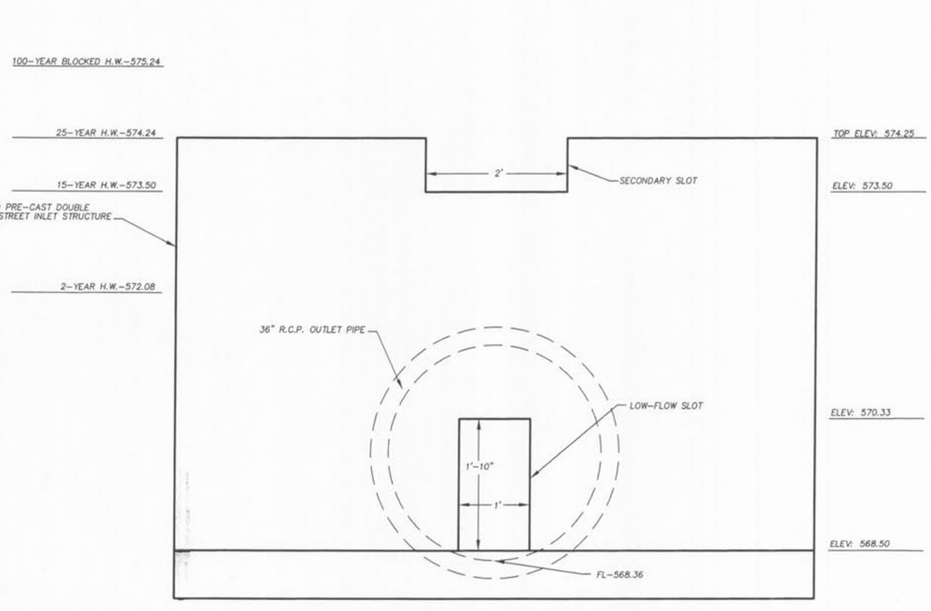
DETENTION BASIN CROSS SECTION B-B

DETENTION BASIN CROSS SECTION C-C

SCALE:
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 10'



OUTFALL STRUCTURE 3
PLAN VIEW
N.T.S.



OUTFALL STRUCTURE 3
FRONT ELEVATION
N.T.S.

ISSUE	REMARKS/DATE
1	FIRST SUBMITTAL/01-12-07
4	REVISED PER CITY OF O'FALLON AND PWSD#2 3-1-07
5	REV. PER CITY OF O'FALLON, PWSD#2 & DCSD 3-22-07

PREPARED FOR:
McBride and Son Homes Land Development, Inc.
#1 McBride and Son Center Drive
Chesterfield, Missouri 63005
(636) 537-2000

STATE OF MISSOURI
JASON D. HOWELL
NUMBER PE-2007002201
PROFESSIONAL ENGINEER

PREPARED BY:
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ENGINEERS & SURVEYORS
5055 NEW BAUMGARTNER ROAD
ST. LOUIS, MISSOURI 63129
(314)-487-0440 FAX 487-8944
E-Mail: Sterling@sterling-eng-sur.com

DRAWN: | DESIGNED: | CHECKED:

PROJECT: *BELMONTE LANDING*

SHEET TITLE: OUTFALL STRUCTURE/BASIN DETAILS

NO. 05 11 363
M.S.D. P#
DIGITAL FILE LOCATION: K:\Work\STERLING-2
SHEET 7.2 OF

O'FALLON FILE # 4406.01
P&Z APPROVAL: DEC. 7, 2006

BASE MAP N/A

Drawing name: K:\05\1363 Belmonte Landing\dwg\Improvement\1363mp.dwg Plotted on: Mar 23, 2007 - 8:46am Plotted by: jahowell