BRIARCHASE CIRCLE (BUBBLE NORTH)

0+00	621.2
	624.07
	619.8
	623.57
0+50	618.5
	623.07
	617.3
	622.57
1+00	616.2
	622.07
	615.1
	621.81
1+50	615.5
	622.17
	616.7
	622.92
2+00	618.7
	623.67
	620.6
	624.42
2+50	621.7
	625.12
	621.9
	625.24

STA 0+00.00 BRIARCHASE CI (BUBBLE NORTH)=
STA 2+67.70 BRIARCHASE CIRCLE
EL 623.83

STA 0+12.00 GUTTER LINE
EL 624.07

PVI STA = 0+12.00
PVI ELEV = 623.83

PVC: 1+03.11
ELEV: 622.01

PVT: 1+53.11
ELEV: 622.26

50.00' VC

LOW POINT ELEV = 621.81
LOW POINT STA = 1+28.11
PVI STA = 1+23.08
PVI ELEV = 621.51
A.D. = 5.01
K = 9.98

-2.00%
3.01%
2.00%

EXISTING GRADE
PROPOSED GRADE
COMPACTED FILL

STA 2+44.22 GUTTER LINE
EL 625.00

STA 2+56.22 BRIARCHASE CI (BUBBLE NORTH)=
STA 3+26.23 BRIARCHASE CIRCLE
EL 625.24

BRIARCHASE CIRCLE (BUBBLE SOUTH)

0+00	634.2
	636.28
	634.1
	636.29
0+50	635.3
	636.53
	632.9
	636.44
1+00	631.8
	636.03
	630.4
	635.53
1+50	630.2
	635.03
	630.5

STA 0+00.00 BRIARCHASE CI (BUBBLE SOUTH)=
STA 9+04.66 BRIARCHASE CIRCLE
EL 636.28

STA 0+12.00 GUTTER LINE
EL 636.04

PVC: 0+18.27
ELEV: 636.17

PVT: 0+93.27
ELEV: 636.17

75.00' VC

HIGH POINT ELEV = 636.54
HIGH POINT STA = 0+55.77
PVI STA = 0+55.77
PVI ELEV = 636.92
A.D. = -4.00
K = 18.75

-2.00%
2.00%
-2.00%

EXISTING GRADE
PROPOSED GRADE
COMPACTED FILL

STA 1+58.04 GUTTER LINE
EL 634.87

STA 1+70.04 BRIARCHASE CI (BUBBLE SOUTH)=
STA 9+62.93 BRIARCHASE CIRCLE
EL 635.11

BRIARCHASE CIRCLE

0+00	623.7
	619.54
	624.4
	619.22
0+50	624.5
	619.72
	624.4
	620.22
1+00	623.8
	620.72
	622.8
	621.22
1+50	622.2
	621.72
	621.6
	622.22
2+00	621.2
	622.72
	621.1
	623.22
2+50	621.0
	623.72
	621.4
	624.22
3+00	621.4
	624.72
	621.8
	625.22
3+50	622.8
	625.72
	623.5
	626.22
4+00	624.1
	626.72
	624.8
	627.22
4+50	626.0
	627.72
	627.1
	628.22
5+00	628.4
	628.72
	629.6
	629.31
5+50	631.4
	630.15
	634.6
	631.14
6+00	635.4
	632.14
	635.4
	633.14
6+50	635.4
	634.14
	635.2
	635.14
7+00	635.3
	636.14
	635.8
	636.97
7+50	635.9
	637.55
	636.1
	637.88
8+00	636.8
	637.96
	635.4
	637.79
8+50	634.0
	637.37
	634.4
	636.87
9+00	634.1
	636.37
	634.0
	635.87
9+50	630.7
	635.37
	630.3
	634.87
10+00	629.6
	634.37
	628.9
	633.87
10+50	628.6
	633.37
	628.3
	632.87
11+00	627.7
	632.37
	626.7
	631.87
11+50	625.6
	631.37
	624.5

STA 0+00.00 BRIARCHASE CIRCLE=
STA 1+73.87 BRIARCHASE DRIVE
EL 619.54

STA 0+19.65 GUTTER LINE
EL 619.11

2.19%

STA 2+67.70 BRIARCHASE CIRCLE=
STA 0+00.00 BRIARCHASE CI (BUBBLE NORTH)
EL 624.07

2.00%

STA 3+26.23 BRIARCHASE CIRCLE=
STA 2+56.22 BRIARCHASE CI (BUBBLE NORTH)
EL 625.24

COMPACTED FILL
PROPOSED GRADE

PVC: 5+03.71
ELEV: 628.79

PVT: 5+53.71
ELEV: 630.29

50.00' VC

PVI STA = 5+28.71
PVI ELEV = 629.29
A.D. = 2.00
K = 25.00

4.00%

PVC: 6+95.49
ELEV: 635.96

PVT: 8+45.49
ELEV: 637.46

150.00' VC

HIGH POINT ELEV = 637.96
HIGH POINT STA = 7+70.49
PVI STA = 7+70.49
PVI ELEV = 638.96
A.D. = -6.00
K = 25.00

EXISTING GRADE

STA 9+04.66 BRIARCHASE CIRCLE=
STA 0+00.00 BRIARCHASE CI (BUBBLE SOUTH)
EL 636.28

STA 9+62.93 BRIARCHASE CIRCLE=
STA 1+70.04 BRIARCHASE CI (BUBBLE SOUTH)
EL 635.11

-2.00%

COMPACTED FILL

STA 11+58.63 GUTTER LINE
EL 631.20

-2.00%

STA 11+70.63 BRIARCHASE CIRCLE=
STA 3+66.30 BRIARCHASE DRIVE
EL 631.44

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

BASE MAP

NO.	M.S.D. P#	SHEET
02	03	043
7	OF	18

DIGITAL FILE LOCATION
E:\Projects\0203043\Dwg\Base Map.dwg

PROJECT:
BRIARCHASE

DRAWN:
DESIGNED:
CHECKED:

SHEET TITLE:
STREET PROFILES

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

7/15/2003

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

ISSUE	REMARKS/DATE
1	11-14-02 1st Submittal
2	02-05-03 City of O'Fallon Comments
3	02-28-03 Client Revisions
4	03-12-03 City of O'Fallon Comments
5	04-02-03 City of O'Fallon Comments
6	06-26-03 Client Revisions