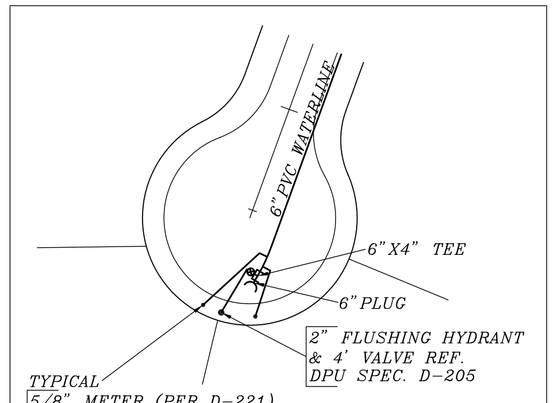
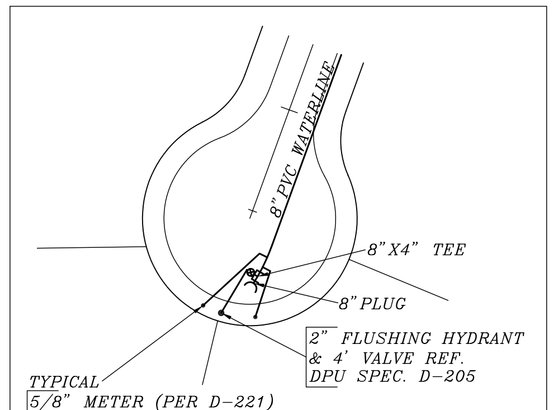


TYPICAL FLUSHING HYDRANT DETAIL
6" WATERLINE
(SCALE 1"=50')



TYPICAL FLUSHING HYDRANT DETAIL
8" WATERLINE
(SCALE 1"=50')

RAODSIDE DITCH CULVERTS	
LOT #	CULVERT DIA.
1	15"
2	15"
3	15"
4	15"
5	15"
6	15"
7	15"
8	15"
9	15"
10	15"
11	15"
12	15"
13	15"
14	27" / 15"
15	15"
16	15"
17	15"
18	15"
19	18"
20	18"
21	18"
22	18"
23	15"

27" SILVER MEADOWS LANE
15" SILVER MEADOWS COURT

CULVERT LOCATIONS TO BE DETERMINED IN FIELD BY HOME BUILDER.

WETLAND IMPACTS = 0.17 AC.

SILVER MEADOWS DRAINAGE SCHEDULE

1. 52LF 15" CL. III CONC. PIPE, S= 0.52% INV. IN= 159.7, INV. OUT= 159.43, STA.= 5+10
2. 48LF 15" CL. II CONC. PIPE, S= 5.2% INV. IN= 153.50, INV. OUT= 151.00, STA.= 15+50
3. DI-1 W/ GRATE TOP @ 153.50 STA.= 15+50, H= 2.67'
4. 238LF 18" CL. III CONC. PIPE, S= 0.94% INV. IN= 150.83, INV. OUT= 148.59
4A. MH-1 MANHOLE, TOP= 152.00 H= 5.39'
4B. 207LF 18" CL. III CONC. PIPE, W/ES-1, S= 0.76% INV. IN= 144.61, INV. OUT= 142.50
5. 48LF 18" CL. III CONC. PIPE, S= 0.72% INV. IN= 140.70, INV. OUT= 140.35, STA.= 6+50
6. 48LF DBL. 21" CL. III CONC. PIPE, S= 1.0% INV. IN= 140.80, INV. OUT= 140.30, STA.=7+30
7. 107LF DBL. 24"" CL. III CONC. PIPE, S= 0.7% INV. IN= 140.00, INV. OUT= 139.25
8. 87LF 15" CL. III CONC. PIPE, S= 1.96% INV. IN= 151.50, INV. OUT= 149.79

MATCH LINE SHEET 5 OF 11
MATCH LINE SHEET 4 OF 11

MATCH LINE SHEET 5 OF 11
MATCH LINE SHEET 3 OF 11

MATCH LINE SHEET 3 OF 11
MATCH LINE SHEET 4 OF 11

PHILLIPS, RICKEY L.
WALSH, LENYON M. JR.
ELLETT, JEFFERSON F.
ATKINSON, KENNETH L.
BROWN KENNETH & BREA
ALSTON, GLORIA

HENRICO COUNTY FLOODPLAIN
VARIABLE WIDTH DRAINAGE & UTILITY EASM'T
8' DRAINAGE & UTILITY EASM'T. (TYP.)
20' DRAINAGE EASEMENT
25' PLANTING STRIP EASEMENT

3718261.7518
11836189.8856

N77°08'07"E 219.86'
N20°44'04"E 433.86'
S1°53'13"E 581.05'
N60°21'16"E 435.28'
N77°04'50"E 145.39'
N72°31'38"E 190.00'
N77°12'15"E 224.94'
S89°07'18"W 279.74'
S36°21'06"W 200.00'
S53°38'54"E 109.60'
S53°38'54"E 290.40'
S36°21'06"W 150.54'
N53°38'54"W 150.00'
N12°51'19"W 401.49'
N19°58'47"W 390.65'

PC=8+27.15
PT=10+84.97
PC=11+69.07
PRC=13+53.28
PRC=15+10.76
PT=16+63.15

L=257.82' R=300.00'
L=184.21' R=300.00'
L=157.48' R=300.00'
L=152.99' R=175.00'

ENERGY DISSIPATOR HENRICO CO. STD. 9.01

WETLANDS

SILVER MEADOWS COURT
SILVER MEADOWS LANE

8"X6" REDUCER
6"X6" TEE
6" GATE VALVE (2)
8"X6" TEE
6" VALVE
PVC WATERLINE
F.H.
8" VALVE
8"X6" TEE
8"X8" TEE
8" VALVE

T.B.M. #1
TOP OF ROD
ELEV.=163.27

T.B.M. #2
BASE 6" OAK
ELEV.=152.52

LOT 3
1.01 Ac.
F.F.=163

LOT 4R
1.04 Ac.
F.F.=167

LOT 5
1.00 Ac.
F.F.=166

LOT 6
1.00 Ac.
F.F.=164

LOT 7
1.42 Ac.
F.F.=157

LOT 8
1.00 Ac.
F.F.=158

LOT 9
1.00 Ac.
F.F.=160

LOT 14
1.01 Ac.
F.F.=151

LOT 17
1.61 Ac.
F.F.=148

LOT 18
1.06 Ac.
F.F.=149
NBP1
NBP2

LOT 19
1.22 Ac. O.F.P.
F.F.=149
NBP1
NBP2

LOT 20
2.79 Ac. O.F.P.
F.F.=151

LOT 21
1.33 Ac.
F.F.=151
NBP2

LOT 22
1.10 Ac.
F.F.=163
NBP2

SCALE: 1"=50'
0' 50' 100' 150' 200' 250'

REVISIONS
DATE
7/6/06 REVISED PER COUNTY COMMENTS

COMMONWEALTH OF VIRGINIA
G.S.GRATTAN
No. 20594
4/6/06
PROFESSIONAL ENGINEER

GRATTAN ASSOCIATES
CONSULTING ENGINEER
P.O. BOX 17576
RICHMOND, VA. 23226
(804) 346-4091

JOB NAME: SILVER MEADOWS SUBDIVISION
DISTRICT, COUNTY AND STATE: VARINA DISTRICT HENRICO COUNTY, VIRGINIA
SHEET TITLE: SUBDIVISION & UTILITY SHEET

SCALE: 1"=50'
DESIGNED BY: GSG
DATE: 3/24/06
SHEET NUMBER: 5 OF 11
JOB NUMBER: 05-0715