

AI 171
Top Elev 632.50
Throat Elev 631.58
Q = 1.06 cfs
L = 11.68 Ft
H = 0.10 cfs

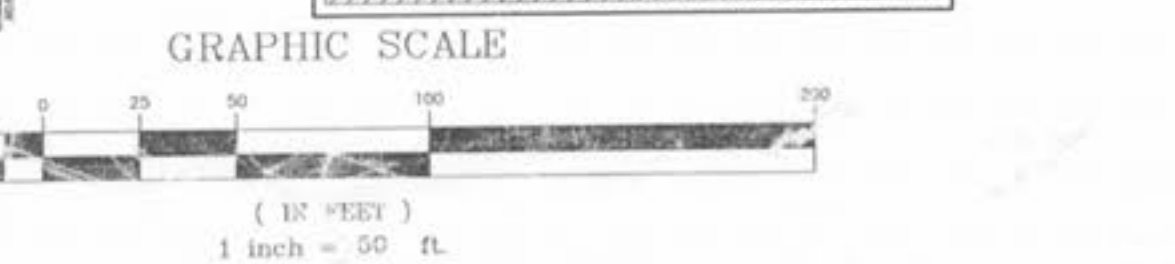
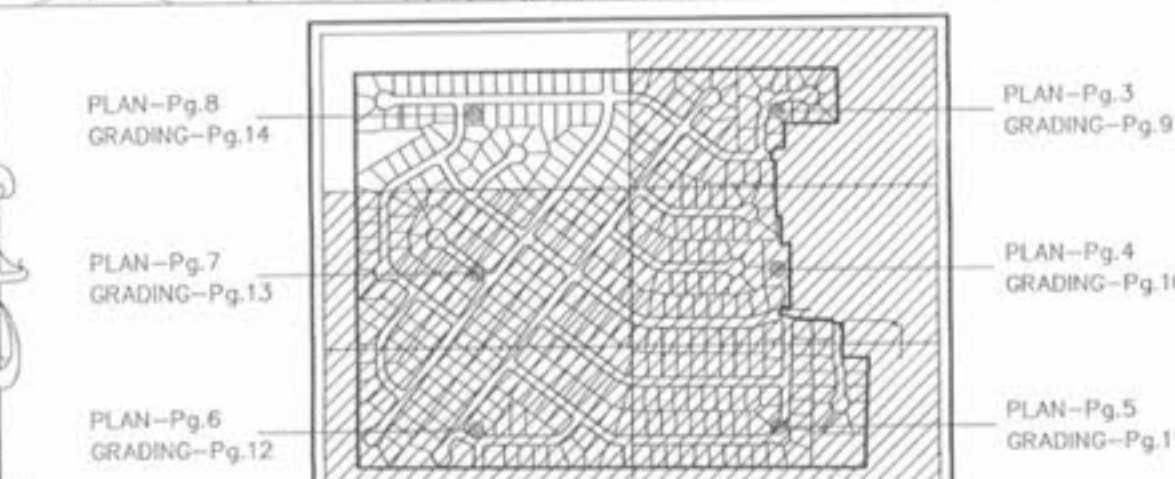
631.58 Throat
.25 1/2 Throat Height
1.00 Free Board
.22 Water Height
632.95 Min Berm Elev

AI 168
Top Elev 632.75
Throat Elev 631.83
Q = 3.64 cfs
L = 11.68 Ft
H = 0.22 cfs

631.83 Throat
.25 1/2 Throat Height
1.00 Free Board
.22 Water Height
633.30 Min Berm Elev

AI 167
Top Elev 626.50
Throat Elev 625.58
Q = 2.98 cfs
L = 11.68 Ft
H = 0.19 cfs

625.58 Throat
.25 1/2 Throat Height
1.00 Free Board
.19 Water Height
627.02 Min Berm Elev



AI 176
Top Elev 626.15
Throat Elev 625.23
Q = 2.61 cfs
L = 17.52 Ft
H = 0.14 cfs

AI 174
Top Elev 626.15
Throat Elev 625.23
Q = 6.15 cfs
L = 17.52 Ft
H = 0.24 cfs

625.23 Throat
.25 1/2 Throat Height
1.00 Free Board
.24 Water Height
626.72 Min Berm Elev

AI 178
Top Elev 620.00
Throat Elev 619.08
Q = 5.41 cfs
L = 17.52 Ft
H = 0.22 cfs

619.08 Throat
.25 1/2 Throat Height
1.00 Free Board
.22 Water Height
620.55 Min Berm Elev

AI 181
Top Elev 628.75
Throat Elev 627.83
Q = 2.67 cfs
L = 17.52 Ft
H = 0.18 cfs

627.83 Throat
.25 1/2 Throat Height
1.00 Free Board
.18 Water Height
628.26 Min Berm Elev

AI 179
Top Elev 624.00
Throat Elev 623.08
Q = 2.32 cfs
L = 11.68 Ft
H = 0.16 cfs

623.08 Throat
.25 1/2 Throat Height
1.00 Free Board
.16 Water Height
624.49 Min Berm Elev

AI 163
Top Elev 603.00
Throat Elev 602.08
Q = 2.75 cfs
L = 11.68 Ft
H = 0.18 cfs

602.08 Throat
.25 1/2 Throat Height
1.00 Free Board
.18 Water Height
603.51 Min Berm Elev

AI 180
Top Elev 626.00
Throat Elev 625.08
Q = 4.20 cfs
L = 11.68 Ft
H = 0.24 cfs

625.08 Throat
.25 1/2 Throat Height
1.00 Free Board
.24 Water Height
626.57 Min Berm Elev

AI 166
Top Elev 625.65
Throat Elev 624.73
Q = 3.48 cfs
L = 11.68 Ft
H = 0.21 cfs

624.73 Throat
.25 1/2 Throat Height
1.00 Free Board
.21 Water Height
626.10 Min Berm Elev



SDE SITE DEVELOPMENT ENGINEERING, INC.
PLANNING • SURVEYING • CIVIL ENGINEERING

SUNSET RIDGE ESTATES

12221 Big Bend Road
St. Louis, Missouri 63122
Tel: 314-822-0300

DATE: 4/10/96
CHECKED BY: JOY

JOB NO.: 95-541
DRAWN BY: TWF
SCALE: 1"=50'

REV.: 4/24/96 PER CITY OF OFALLON 10/24/00 RE-DESIGN 11/6/02 CITY COMMENTS

SHEET: 14 OF 56

ZIPCODE : 63366