

AI 170
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 167
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 166
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

DAI 155
Top Elev 601.00
Throat Elev 600.08
Q = 6.15 cfs
L = 17.52 Ft
H = 0.24 Ft

600.08 Throat
.25 1/2 Throat Height
1.00 Free Board
.14 Water Height
601.47 Min Berm Elev

AI 157
Top Elev 620.00
Throat Elev 619.08
Q = 5.41 cfs
L = 17.52 Ft
H = 0.22 Ft

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

AI 160
Top Elev 628.75
Throat Elev 627.83
Q = 2.67 cfs
L = 11.68 Ft
H = 0.18 Ft

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

AI 158
Top Elev 624.00
Throat Elev 623.08
Q = 2.32 cfs
L = 11.68 Ft
H = 0.16 Ft

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

AI 162
Top Elev 603.00
Throat Elev 602.08
Q = 2.75 cfs
L = 11.68 Ft
H = 0.18 Ft

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

AI 159
Top Elev 626.00
Throat Elev 625.08
Q = 4.20 cfs
L = 11.68 Ft
H = 0.24 Ft

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

ZIPCODE : 63366

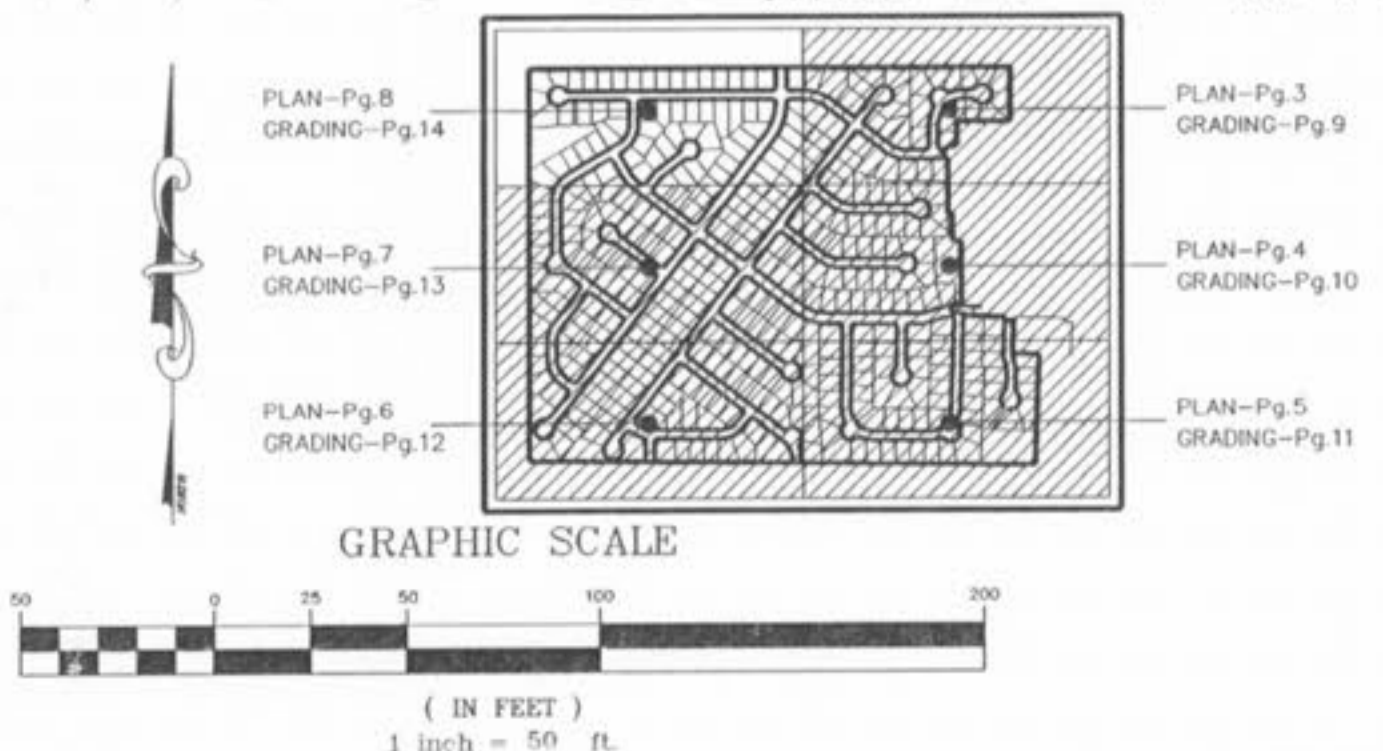
SITE DEVELOPMENT ENGINEERING, INC.
PLANNING SURVEYING CIVIL ENGINEERING
4400 SOUTH LINDBERGH BLVD. SUITE 6, ST. LOUIS, MISSOURI 63127 (314) 849-7900

SUNSET RIDGE ESTATES

DATE: 4/10/96 JOB NO.: 95-541 DRAWN BY: TWF
DESIGN: JOY SCALE: 1" = 50'

GRADING PLAN

REV.: 4/24/96 per CITY OF OFALLON 8/30/96 per CLIENT REVISIONS 11/23/96 per CITY COMMENTS SHEET: 14 OF 56



The underground utilities shown herein were plotted from available information and do not necessarily reflect the actual existence, nonexistence, size, type, number, or location of these or other utilities. The general contractor shall be responsible for verifying the actual location of all underground utilities, shown or not shown, and shall utilities shall be located in the field prior to any grading, excavation or construction of improvements. These provisions shall in no way absolve any party from complying with the Underground Facility Safety and Damage Prevention Act, Chapter 318, RSMo.

