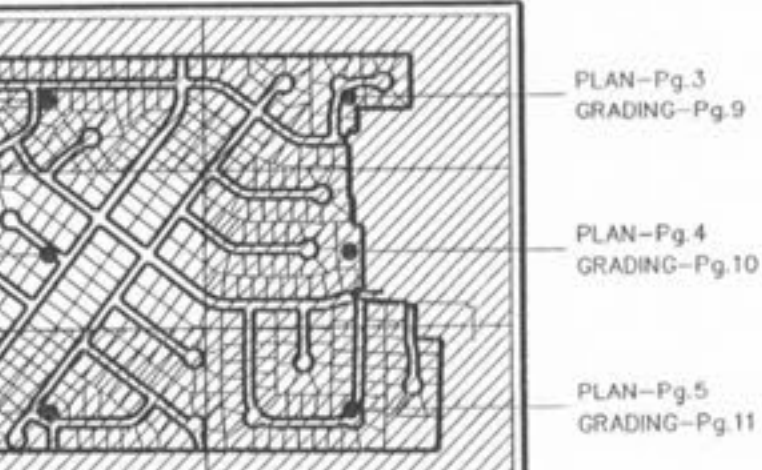
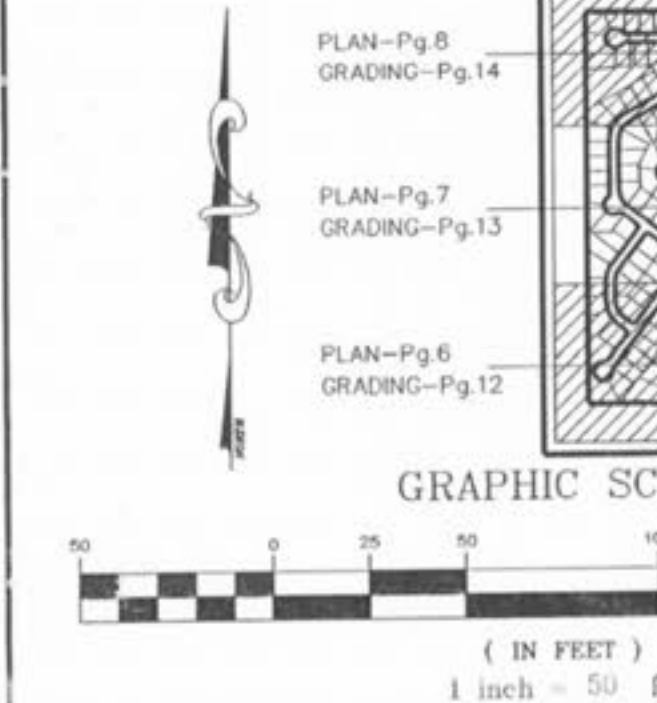




AI 149
Top Elev 624.50 623.58 Throat
Throat Elev .25 1/2 Throat Height
Q = 2.2456 cfs 1.00 Free Board
L = 11.68 Ft .16 Water Height
H = 0.16 cfs 624.99 Min Berm Elev

AI 148
Top Elev 21.08 620.16 Throat
Throat Elev 620.16 .25 1/2 Throat Height
Q = 6.36 cfs 1.00 Free Board
L = 11.55 Ft .24 Water Height
H = 0.24 cfs 621.65 Min Berm Elev



AI 73
Top Elev 636.65
Throat Elev 635.73
Q = 2.29 cfs
L = 11.68 Ft
H = 0.16 Ft
635.73 Throat
.25 1/2 Throat Height
1.00 Free Board
.17 Water Height
637.14 Min Berm Elev

AI 142
Top Elev 624.50
Throat Elev 623.58
Q = 2.24 cfs
L = 11.68 Ft
H = 0.16 Ft
623.58 Throat
.25 1/2 Throat Height
1.00 Free Board
.16 Water Height
624.99 Min Berm Elev

AI 76
Top Elev 636.65
Throat Elev 635.73
Q = 2.56 cfs
L = 11.68 Ft
H = 0.17 Ft
635.73 Throat
.25 1/2 Throat Height
1.00 Free Board
.17 Water Height
637.15 Min Berm Elev

AI 149
Top Elev 636.65
Throat Elev 635.73
Q = 2.14 cfs
L = 11.68 Ft
H = 0.16 Ft
635.73 Throat
.25 1/2 Throat Height
1.00 Free Board
.16 Water Height
637.14 Min Berm Elev

AI 146
Top Elev 624.75
Throat Elev 623.83
Q = 2.90 cfs
L = 11.68 Ft
H = 0.19 Ft
623.83 Throat
.25 1/2 Throat Height
1.00 Free Board
.19 Water Height
625.27 Min Berm Elev

AI 86
Top Elev 624.00
Throat Elev 623.08
Q = 3.06 cfs
L = 11.68 Ft
H = 0.20 Ft
623.08 Throat
.25 1/2 Throat Height
1.00 Free Board
.20 Water Height
624.53 Min Berm Elev

AI 87
Top Elev 633.50
Throat Elev 632.58
Q = 2.46 cfs
L = 11.68 Ft
H = 0.17 Ft
632.58 Throat
.25 1/2 Throat Height
1.00 Free Board
.17 Water Height
634.00 Min Berm Elev

The underground utilities shown herein were plotted from available information and do not necessarily reflect the actual existence, nomenclature, 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 soil 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.



ZIP CODE : 63366

PLANNING
SURVEYING
CIVIL ENGINEERING

SITE DEVELOPMENT ENGINEERING, INC.
4400 SOUTH LINDBERGH BLVD., SUITE 5, ST. LOUIS, MISSOURI 63127 (314) 849-7900

SUNSET RIDGE ESTATES

DATE: 4/10/98 JOB NO.: 95-541 DRAWN BY: TWF
DESIGN: JOY SCALE: 1" = 50'

GRADING PLAN

REV.: 4/24/98 per CITY OF O'FALLON
8/30/98 per CLIENT REVISIONS
10/13/98 per CITY COMMENTS

SHEET 13 OF 56