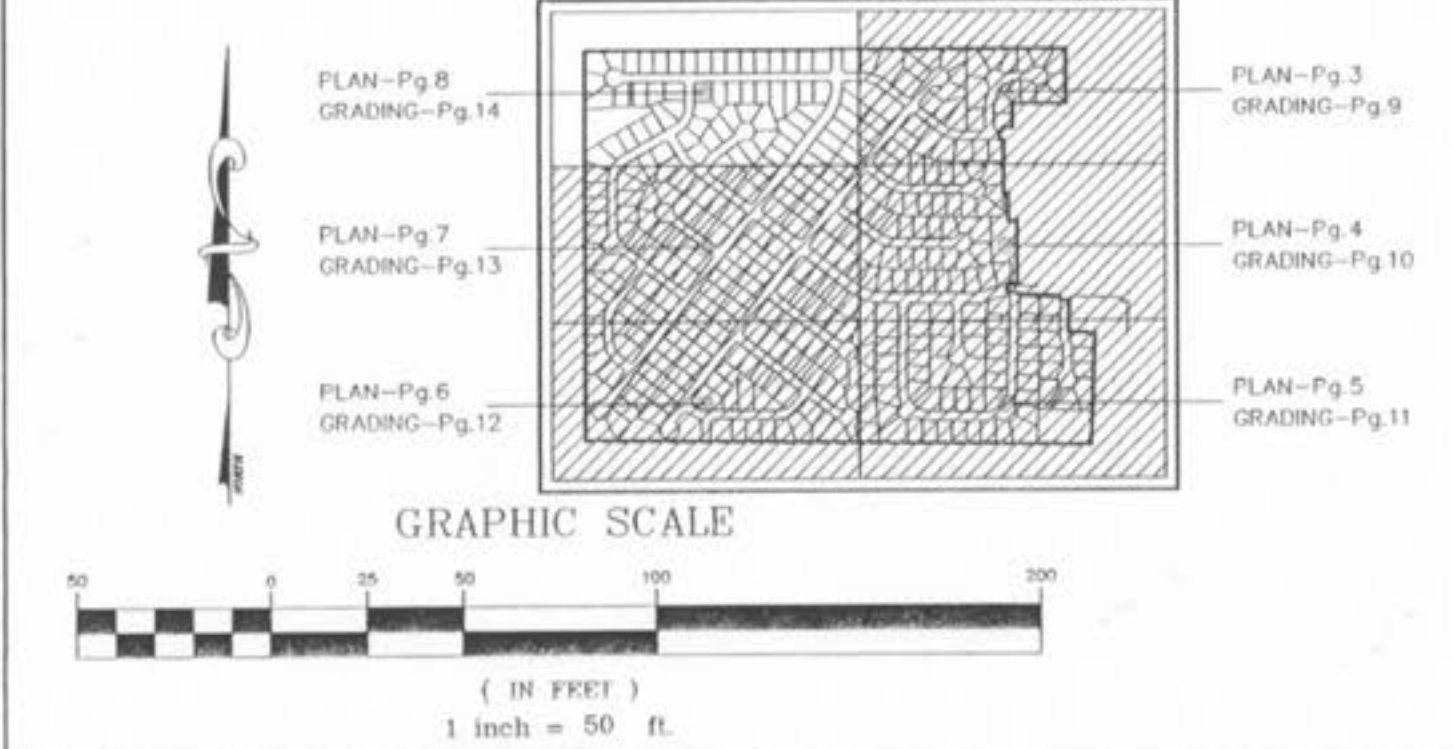


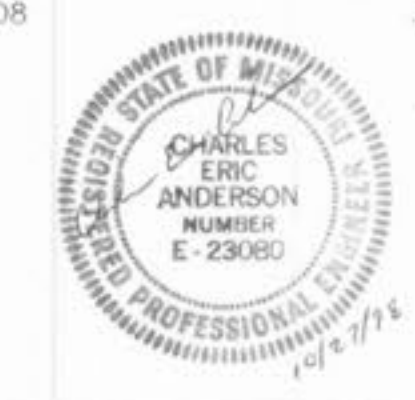


AI 170 Top Elev 632.50 Throat Elev 631.58 Q = 1.06 cfs L = 11.68 Ft H = 0.10 cfs	631.58 Throat .25 1/2 Throat Height 1.00 Free Board .22 Water Height 632.95 Min Berm Elev	AI 167 Top Elev 632.75 Throat Elev 631.83 Q = 3.64 cfs L = 11.68 Ft H = 0.22 cfs	631.83 Throat .25 1/2 Throat Height 1.00 Free Board .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
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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

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 all utilities shall be located in the field prior to any grading, excavation, or construction of improvements. These provisions shall in no way relieve any party from complying with the Underground Utility Safety and Damage Prevention Act, Chapter 318, RSMs.



ZIP CODE : 63366

SUNSET RIDGE ESTATES

DATE: 4/10/86 JOB NO.: 95-541 DRAWN BY: TWF
DESIGN: JOY SCALE: 1" = 50'

GRADING PLAN

REV. 4/24/86 per CITY OF O'FALLON
11/21/86 per CITY COMMENTS
1/7/87 per CITY COMMENTS
8/13/88 per CLEM REHSWIG

SHEET: 14 OF 56