



LAKE FOREST MANOR, INC.
1652/1445
"SR-1"

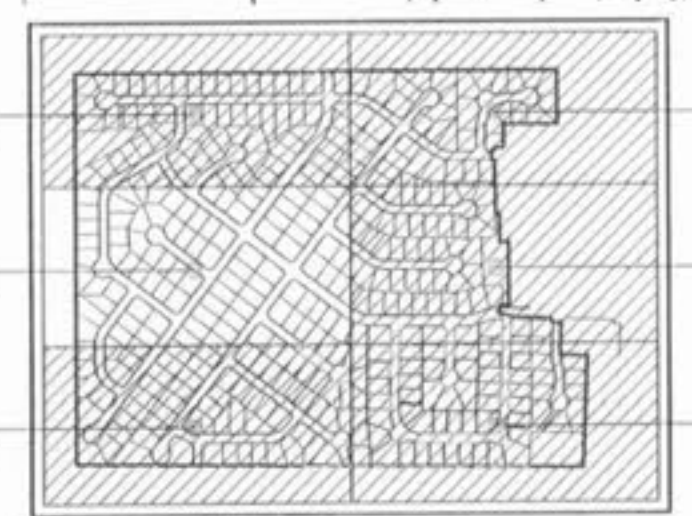
Top Elev. 624.50 Throat
Throat Elev. 625.19 Throat Height
Q = 2.24 cfs
L = 11.68 FT
H = 0.16 cfs
624.99 Min Berm Elev

Top Elev. 620.16 Throat
Throat Elev. 620.16 Throat Height
Q = 6.36 cfs
L = 1.00 Free Board
1.55 FT
24-Water Height
= 0.94 cfs
621.65 Min Berm Elev

CITY OF LAKE ST. LOUIS
"CR-1"

LAKE ST. LOUIS
COMMUNITY ASSOCIATION
205/1092

GRAPHIC SCALE
1 inch = 50 FT



PLAN-Pg. 8
GRADING-Pg. 14

PLAN-Pg. 7
GRADING-Pg. 13

PLAN-Pg. 6
GRADING-Pg. 12

PLAN-Pg. 3
GRADING-Pg. 9

PLAN-Pg. 4
GRADING-Pg. 10

PLAN-Pg. 5
GRADING-Pg. 11

<p>AI 73 Top Elev. 636.65 Throat Elev. 635.73 Q = 2.29 cfs L = 11.68 FT H = 0.16 FT</p>	<p>635.73 Throat .25 1/2 Throat Height 1.00 Free Board .16 Water Height 637.14 Min Berm Elev</p>	<p>AI 142 Top Elev. 624.50 Throat Elev. 623.58 Q = 2.24 cfs L = 11.68 FT H = 0.16 FT</p>	<p>623.58 Throat .25 1/2 Throat Height 1.00 Free Board .16 Water Height 624.99 Min Berm Elev</p>	<p>AI 146 Top Elev. 624.75 Throat Elev. 623.83 Q = 2.90 cfs L = 11.68 FT H = 0.19 FT</p>	<p>623.83 Throat .25 1/2 Throat Height 1.00 Free Board .19 Water Height 625.27 Min Berm Elev</p>	<p>AI 149 Top Elev. 636.65 Throat Elev. 635.73 Q = 2.56 cfs L = 11.68 FT H = 0.17 FT</p>	<p>635.73 Throat .25 1/2 Throat Height 1.00 Free Board .17 Water Height 637.15 Min Berm Elev</p>	<p>AI 86 Top Elev. 624.00 Throat Elev. 623.08 Q = 3.06 cfs L = 11.68 FT H = 0.20 FT</p>	<p>623.08 Throat .25 1/2 Throat Height 1.00 Free Board .20 Water Height 624.53 Min Berm Elev</p>	<p>AI 87 Top Elev. 633.50 Throat Elev. 632.58 Q = 2.46 cfs L = 11.68 FT H = 0.17 FT</p>	<p>632.58 Throat .25 1/2 Throat Height 1.00 Free Board .17 Water Height 634.00 Min Berm Elev</p>
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ZIP CODE : 63866

SITE DEVELOPMENT ENGINEERING, INC.
PLANNING SURVEYING CIVIL ENGINEERING
12221 BIG BEND ROAD, ST. LOUIS, MISSOURI 63122 (314) 822-4800

SUNSET RIDGE ESTATES

DATE: 4/10/88 JOB NO.: 95-541 DRAWN BY: TWF
DESIGN: JOY SCALE: 1" = 50'

GRADING PLAN

REV. 4/24/88 per CITY OF OPALLOON
10/23/86 per CITY COMMENTS
11/21/86 per CITY COMMENTS
9/13/86 per CLIENT REVISIONS

SHEET 13 OF 56

The underground utilities shown herein were plotted from available information and do not necessarily reflect the actual existence, maintenance, 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 said 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 305, RSMo.