



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

AI 104A
 Top Elev 616.92
 Throat Elev 616.00
 Q = 3.99 cfs
 L = 11.68 Ft
 H = 0.23 Ft

616.00 Throat
 .25 1/2 Throat Height
 1.00 Free Board
 23 Water Height
 617.48 Min Berm Elev

AI 102
 Top Elev 608.00
 Throat Elev 607.08
 Q = 3.99 cfs
 L = 11.68 Ft
 H = 0.24 Ft

607.08 Throat
 .25 1/2 Throat Height
 1.00 Free Board
 24 Water Height
 608.57 Min Berm Elev

AI 120
 Top Elev 623.00
 Throat Elev 622.08
 Q = 3.43 cfs
 L = 11.68 Ft
 H = 0.21 Ft

622.08 Throat
 .25 1/2 Throat Height
 1.00 Free Board
 21 Water Height
 623.54 Min Berm Elev

AI 121
 Top Elev 625.00
 Throat Elev 624.08
 Q = 1.45 cfs
 L = 11.68 Ft
 H = 0.12 Ft

624.08 Throat
 .25 1/2 Throat Height
 1.00 Free Board
 21 Water Height
 625.54 Min Berm Elev

AI 117A
 Top Elev 619.50
 Throat Elev 618.58
 Q = 1.03 cfs
 L = 11.68 Ft
 H = 0.10 Ft

618.58 Throat
 .25 1/2 Throat Height
 1.00 Free Board
 10 Water Height
 619.93 Min Berm Elev

ESTIMATED EARTHWORK QUANTITIES

BULK CUT	237345.97 C.Y. +/-
BULK FILL (EXCL SHRINKAGE)	253653.22 C.Y. +/-

THE ENGINEER HAS CALCULATED THE ABOVE QUANTITIES OF EARTHWORK TO BE REGARDED AS AN ESTIMATE OF THE BULK MOVEMENT OR REDISTRIBUTION OF SOILS IN THIS PROJECT. AS AN ESTIMATE, THESE QUANTITIES ARE INTENDED FOR GENERAL USE, AND THE ENGINEER ASSUMES NO LIABILITY FOR COST OVERRUNS DUE TO EXCESS EXCAVATED MATERIALS OR SHORTAGES OF FILL.

THE ENGINEER'S EARTHWORK ESTIMATE DOES NOT INCLUDE ANY OF THE FOLLOWING ITEMS REQUIRING EARTHWORK THAT MAY BE NECESSARY FOR COMPLETION OF THE PROJECT LESS THAN TWENTY-FOUR INCHES IN DIAMETER, STANDARD MANHOLES, PROCESS OR TRANSFER PIPING, ELECTRICAL OR TELEPHONE CONDUITS, BASES FOR LIGHT STANDARDS, BUILDING FOOTINGS AND FOUNDATIONS, ETC.

THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACTUAL SIZE OF THE FIELD EXCAVATING MADE FOR THE INSTALLATION OF UNDERGROUND STRUCTURES, AND AS SUCH, THE ACTUAL QUANTITIES OF EARTHWORK FROM SUCH ITEMS MAY VARY FROM THE ESTIMATE SHOWN ABOVE.

THE ENGINEER ASSUMES NO RESPONSIBILITY FOR COSTS INCURRED DUE TO REMOVAL OF IMPRINTABLE MATERIAL WHICH MUST BE REMOVED FROM SITE.

ZIP CODE : 63866

PLANNING SURVEYING CIVIL ENGINEERING

SUNSET RIDGE ESTATES

DATE : 4/10/88
 DESIGN : JOY

JOB NO. : 95-541

DRAWN BY : TWF
 SCALE : 1" = 50'

GRADING PLAN

REV : 4/24/88 per CITY OF FALLON
 8/23/88 per CITY COMMENTS
 11/21/88 per CITY COMMENTS
 2/23/89 per CLEVELAND SURVING

SHEET : 9 OF 56