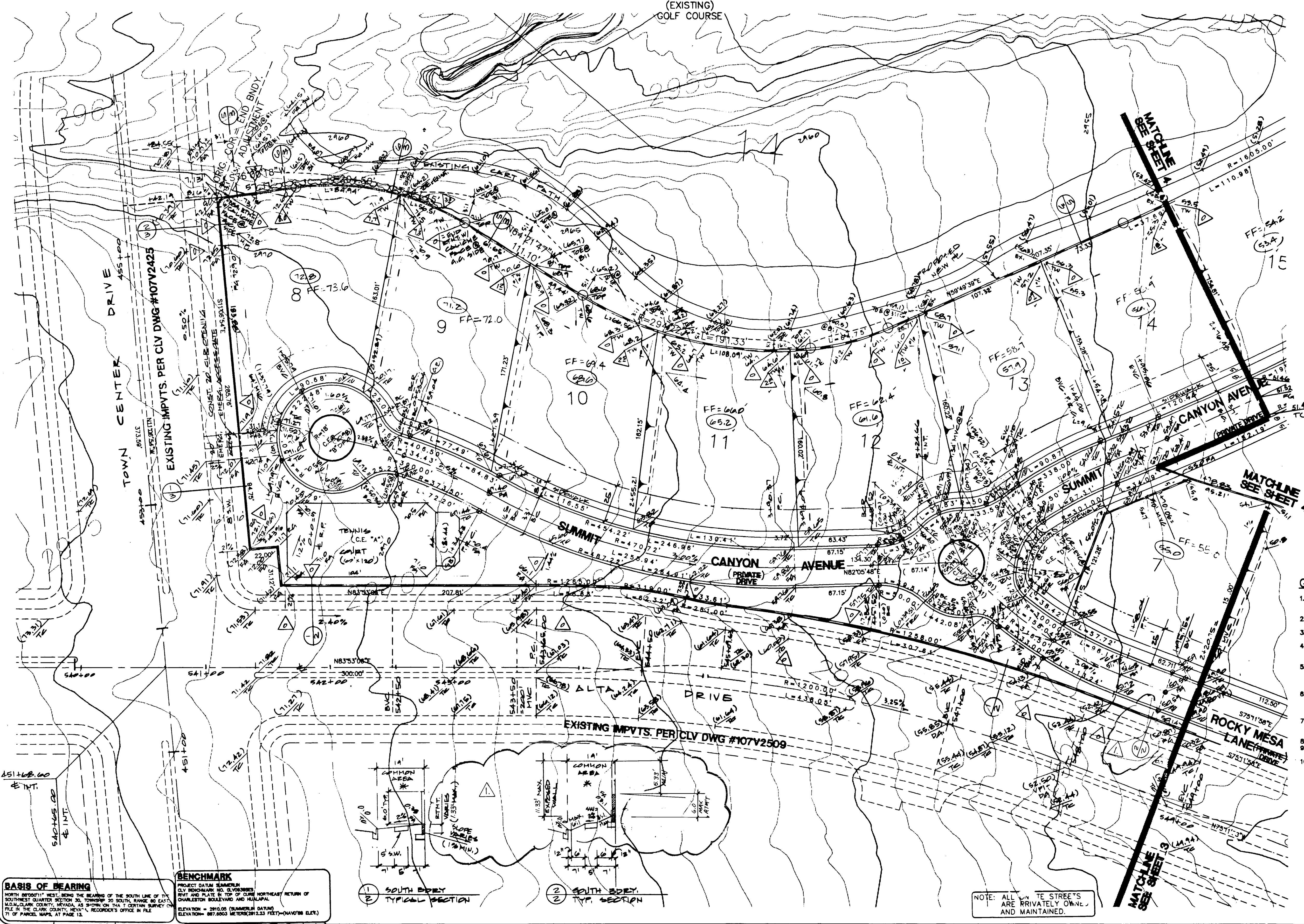
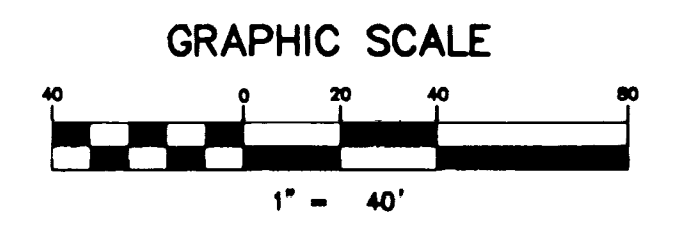
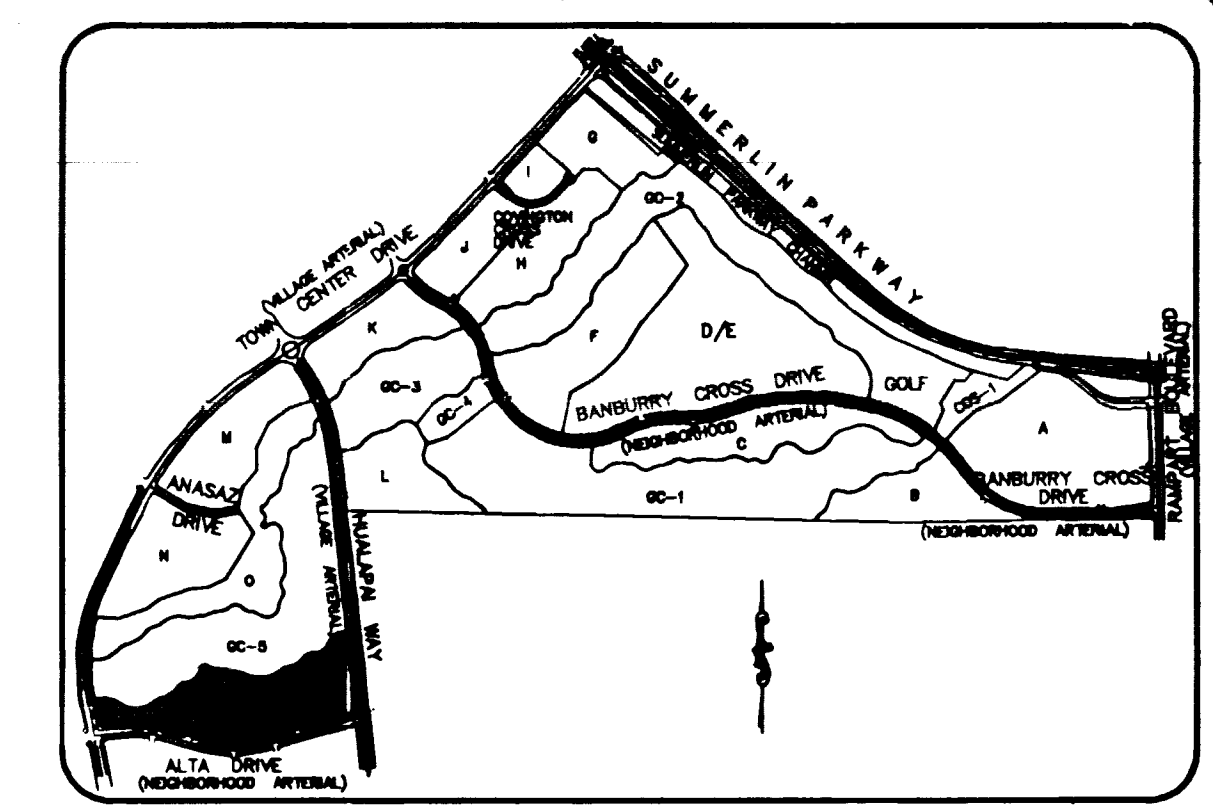


Avoid cutting underground utility lines. It's costly.

**Call before you Dig**

1-800-227-2600

FOR DETAILS AND SECTIONS REFER TO SHEET



- LEGEND**
- 2400 FINISH CONTOUR LINE (1' INTERVAL)
  - 27 LOT NUMBER
  - (4) BLOCK NUMBER
  - 2400 CONTOUR LINE (1' INTERVAL)
  - FG FINISH GRADE
  - FL FLOW LINE
  - TC TOP OF CURB
  - TRC TOP OF ROLL CURB
  - BC BACK OF CURB
  - BCR BEGIN CURB RETURN
  - EX EXISTING
  - VG VALLEY GUTTER
  - SCARP AREA
  - COMMON ELEMENT
  - CONCRETE BLOCK WALL
  - NATURAL GROUND
  - TF TOP OF FOOTING
  - RETAINING WALL
  - GB GRADE BREAK
  - (42.1) PAD GRADE
  - PC POINT OF CURVATURE
  - PT POINT OF TANGENCY
  - PRC POINT OF REVERSE CURVATURE
  - PCC POINT OF COMPOUND CURVATURE
  - 0.5% DIRECTION AND RATE OF SLOPE
  - BVC BEGIN VERTICAL CURVE
  - MVC MID-POINT OF VERTICAL CURVE
  - EVC END VERTICAL CURVE
  - PRVC POINT OF REVERSE VERTICAL CURVE
  - EXISTING WALL
  - RETAINMENT AMT.

- GENERAL NOTES FOR CITY OF LAS VEGAS**
1. ALL ELEVATIONS SHOWN HEREON WITHIN THE LANDSCAPED AREAS ARE 0.30 FEET BELOW FINAL FINISH GRADES TO ALLOW FOR THE ADDITION OF LANDSCAPING MATERIALS ATOP THESE ROUGH GRADES.
  2. ALL LOTS ARE TO BE F.H.A. TYPE "A" DRAINAGE UNLESS OTHERWISE NOTED.
  3. SEE IMPROVEMENT PLANS FOR STREET SECTIONS AND DETAILS. SEE FINAL MAP FOR EXACT BEARINGS AND DISTANCES.
  4. CONTRACTORS SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
  5. ALL GRADING AND SITE PREPARATION SHALL CONFORM TO THE REQUIREMENTS OF THE GEOTECHNICAL INVESTIGATION PREPARED BY: TEPERSON DATED 02/21/97.
  6. ALL WORK PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENT HAVE BEEN OBTAINED FROM THE OFFSITE OWNER.
  7. ALL WORK PERFORMED WITHIN PUBLIC RIGHT-OF-WAY AND OUTSIDE OF THE PROJECT BOUNDARY SHALL BE PERFORMED UNDER A SEPARATE ENCROACHMENT PERMIT ISSUED BY THE CONTROLLING AUTHORITY.
  8. MINIMUM FINISH FLOOR ELEVATION = PAD ELEVATION + 0.60'
  9. ALL STATIONING ON GRADING PLAN IS CENTERLINE STATIONING UNLESS OTHERWISE NOTED.
  10. THESE PLANS AND THE DESIGN CRITERIA CONTAINED WITHIN THESE PLANS ARE BASED UPON THE INFORMATION PRESENTLY KNOWN BY ENGINEER AND INTENDED SOLELY AS A GENERAL GUIDE FOR CONSTRUCTION. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL STATUTES, LAWS, CODES, REGULATIONS AND ORDINANCES, INCLUDING BUT NOT LIMITED TO THE FEDERAL FAIR HOUSING ACT, AMERICANS WITH DISABILITIES ACT, THE ARCHITECTURAL BARRIERS ACT AND ANY APPLICABLE UNIFORM STANDARDS, SPECIFICATIONS OR DRAWINGS. THE PERSON OR ENTITY PERFORMING THIS CONSTRUCTION SHALL BE SOLELY RESPONSIBLE TO MAKE SURE CONSTRUCTION IS IN CONFORMANCE WITH ALL LOCAL, STATE AND FEDERAL STATUTES, LAWS, CODES, REGULATIONS, STANDARDS, SPECIFICATIONS AND ORDINANCES AND FURTHER IS IN CONFORMANCE WITH ANY APPLICABLE DESIGN CRITERIA, INCLUDING BUT NOT LIMITED TO THE ARCHITECTURAL BARRIERS ACT AND ANY OTHER CRITERIA, STANDARDS OR REQUIREMENTS LISTED IN THE PLANS OR THE GENERAL NOTES RELATED TO THESE PLANS OR PROVIDED BY ANYONE IN REFERENCE TO THIS PROJECT.

**BASIS OF BEARING**  
NORTH (MAGNETIC) BEARING FROM THE BEARING OF THE SOUTH LINE OF THE SOUTHWEST QUARTER SECTION 30, TOWNSHIP 20 SOUTH, RANGE 80 EAST, SAGUARO COUNTY, NEVADA, AS SHOWN ON THE CERTAIN SURVEY ON FILE IN THE CLERK COUNTY, NEVADA, RECORDS' OFFICE IN FILE #17 OF PLATTS MAPS, AT PAGE 15.

**BENCHMARK**  
PROJECT BENCHMARK  
CIVIL BENCHMARK NO. 02 (VERIFIED)  
POINT AND PLATE AT TOP OF CURB NORTHWEST CORNER OF CHARLESTON BOULEVARD AND HIGHLAND  
ELEVATION = 2910.05 (SUMMERLIN DATA)  
ELEVATION = 297.800 METERS (317.33 FEET) (MAY 1978 ELEV.)

1) SOUTH BOUNDARY TYP. SECTION  
2) SOUTH BOUNDARY TYP. SECTION

CITY OF LAS VEGAS, NEVADA

CONSULTING ENGINEERS • LAND SURVEYORS

2727 SOUTH RAINBOW BOULEVARD  
LAS VEGAS, NEVADA 89102-5148 PHONE (702) 873-7550 FAX (702) 362-2597

REV. DATE BY

3.5.98 JMD/ML

REV. DATE BY

REVISION

15.3.1998

**VTM** nevada

**ROUGH GRADING PLAN**

**STAR CANYON ESTATES**

PARCEL "P-Q"-SUMMERLIN VILLAGE 3

TITLE

PROJECT

SEAL

REGISTERED PROFESSIONAL ENGINEER STATE OF NEVADA  
CIVIL  
No. 11907  
11.7.97

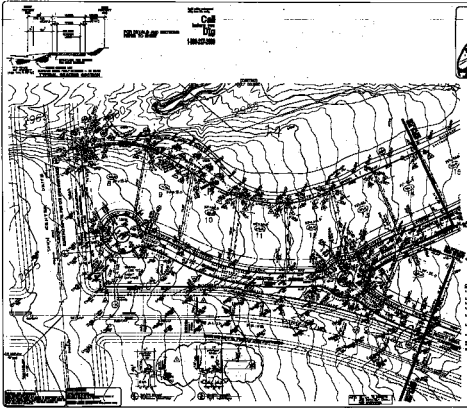
NO. 5165

BY **JEM**

DATE **MAR. 1997**

SCALE: HORIZ. 1"=40'  
VERT. NONE

SHEET **2** OF 13 SHEETS



SYMBOL	DESCRIPTION
(Symbol)	Proposed Road
(Symbol)	Proposed Structure
(Symbol)	Proposed Grading
(Symbol)	Proposed Elevation
(Symbol)	Proposed Slope
(Symbol)	Proposed Drainage
(Symbol)	Proposed Utility
(Symbol)	Proposed Fencing
(Symbol)	Proposed Landscaping
(Symbol)	Proposed Other

CITY OF LAURENS, GEORGIA DIVISION OF PUBLIC WORKS ENGINEER DATE: 10/15/2010 PROJECT NO.: 10-001	<b>ROUGH GRADING PLAN</b> STUART CARTON CENTER PARCEL: 14-01-000000-0000-0000	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	2	1071-4528