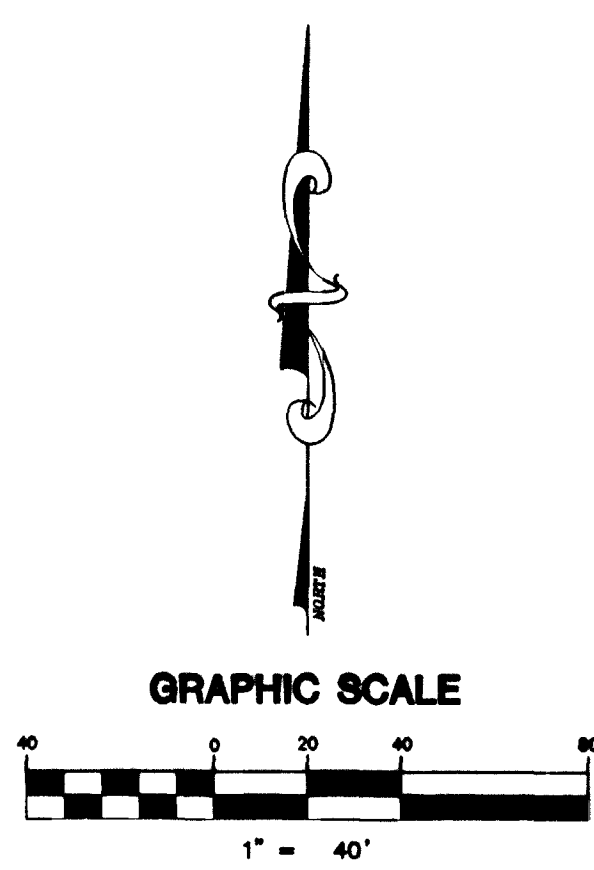
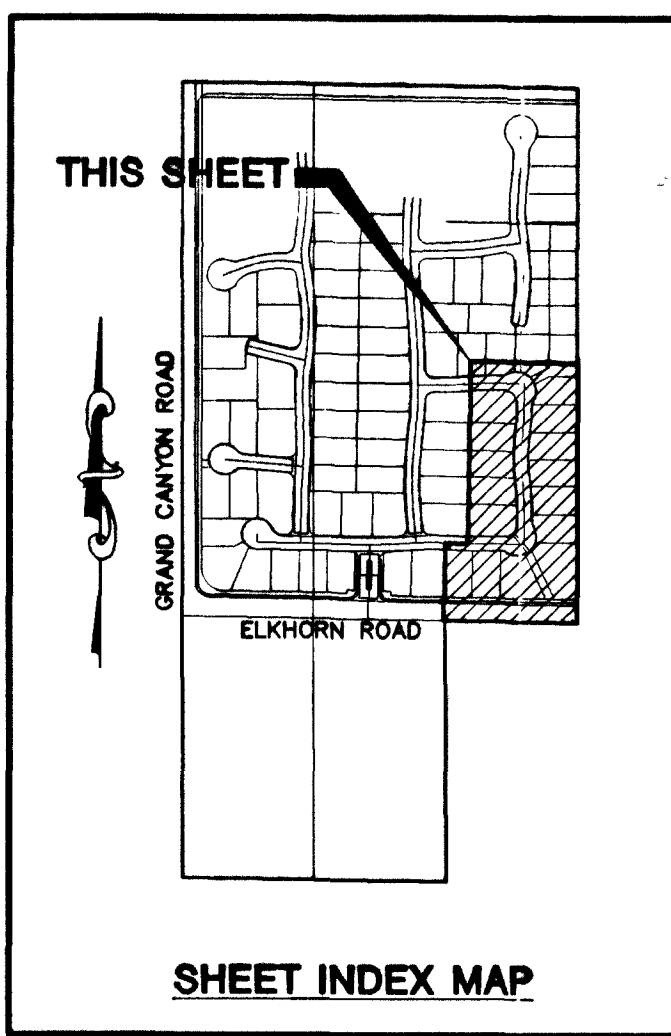




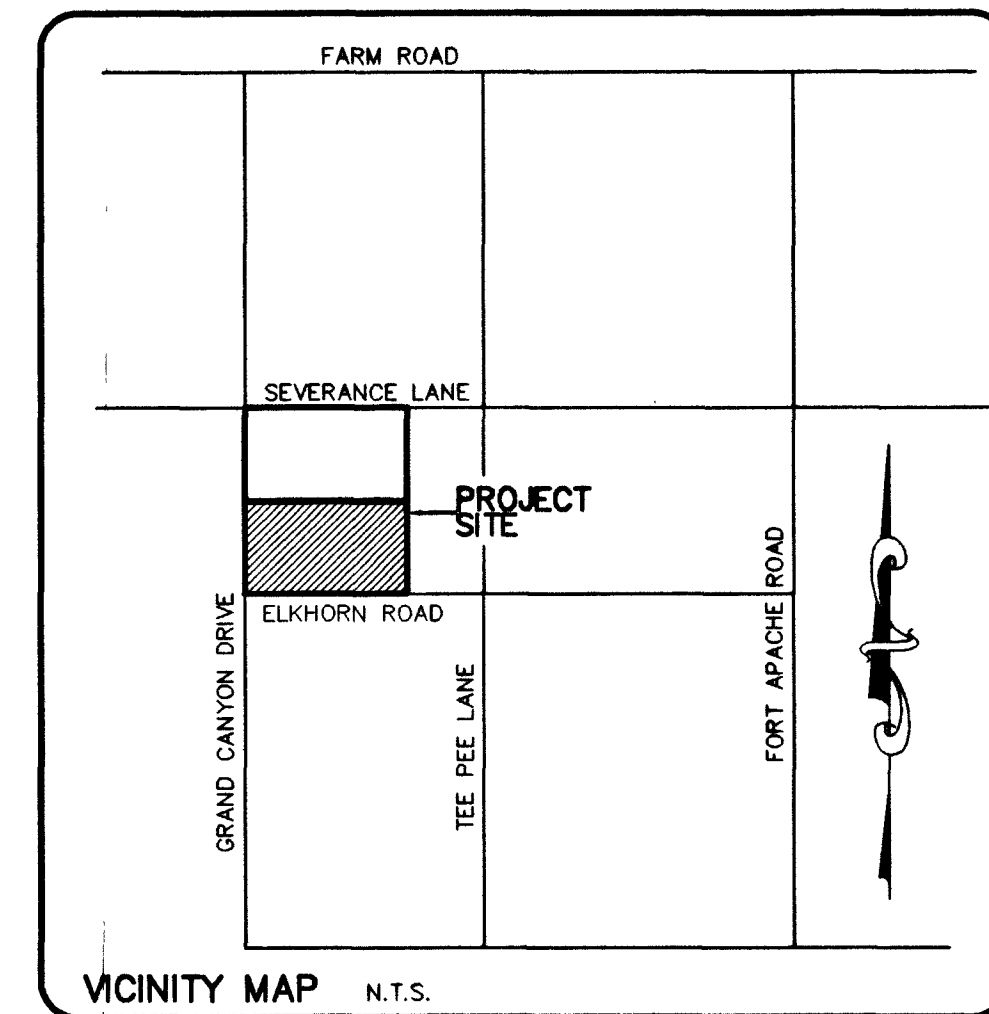
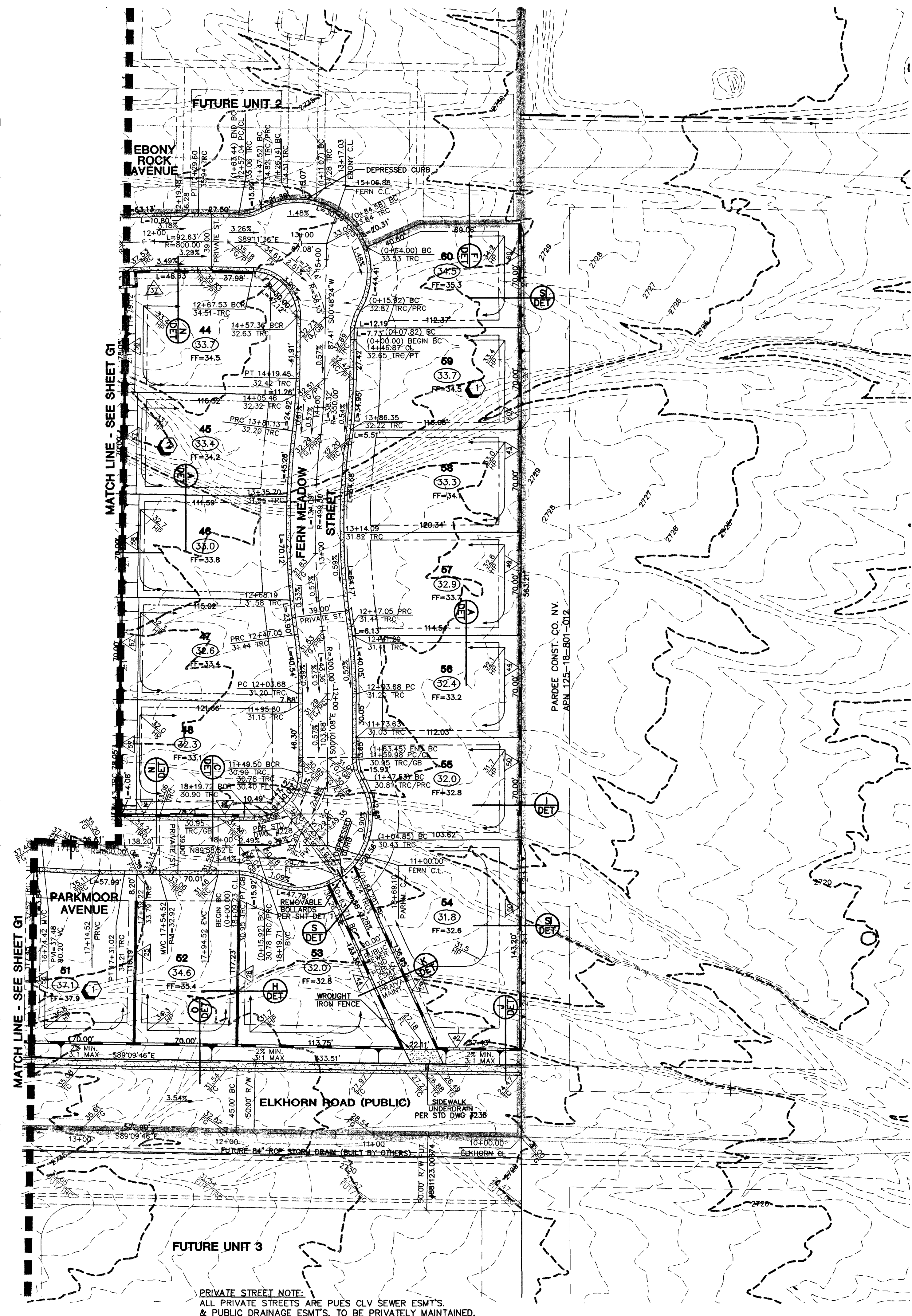
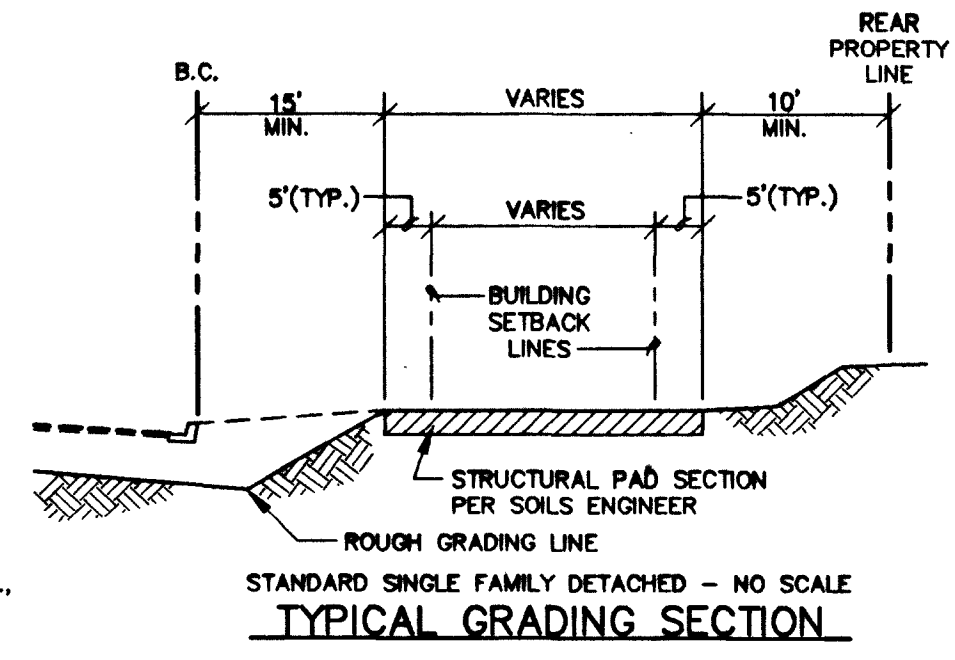
PRIVATE FLOOD CONTROL IMPROVEMENTS	QUANTITY
BERM	360 LF
BLOCK WALL WITH 3 COURSES SOLID GROUT	1,517 L.F.
2 COURSES STEM WALL	1,389 L.F.

Call before you Dig
1-800-227-2800

Call before you Overhead
1-702-593-6111

BENCHMARK
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
PROJECT BENCHMARK: CLARK COUNTY BENCHMARK 1C9030N4
NAVD88 ELEVATION: 819.508 METERS (2688.67 FEET)
RIVET AND SQUARE ALUMINUM PLATE IN THE SOUTHEAST CORNER OF A ELECTRICAL CABINET BASE (#00720), 200 FT. SOUTH AND 40 FT. WEST CENTENNIAL PKWY. AND GRAND CANYON DR.

BASIS OF BEARING
THE BASIS OF BEARINGS FOR THIS PROJECT IS NORTH 00°06'46" WEST BEING THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 18, TOWNSHIP 19 SOUTH, RANGE 80 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE, IN FILE 114 AT PAGE 57.



- GENERAL GRADING NOTES**
- ALL ELEVATIONS SHOWN HEREON WITHIN LANDSCAPED AREAS ARE FINAL FINISH GRADES. ROUGH GRADES SHALL BE 0.30' BELOW FINISH GRADES INDICATED ON PLAN.
 - ALL LOTS ARE TO BE F.H.A. TYPE "A" DRAINAGE UNLESS OTHERWISE NOTED.
 - SEE IMPROVEMENT PLANS FOR STREET SECTIONS AND DETAILS. SEE FINAL MAP FOR EXACT BEARINGS AND DISTANCES.
 - CONTRACTORS SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
 - ALL GRADING AND SITE PREPARATION SHALL CONFORM TO THE REQUIREMENTS OF THE GEOTECHNICAL INVESTIGATION PREPARED BY: GEOTEK, INC. # W.O. NO. 3272-LV8 DATED APRIL 5, 2001.
 - 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.
 - ALL WORK PERFORMED WITHIN PUBLIC RIGHT-OF-WAY AND OUTSIDE OF THE PROJECT BOUNDARY THAT IS NOT SHOWN ON THESE PLANS SHALL BE PERFORMED UNDER A SEPARATE ENCROACHMENT PERMIT ISSUED BY THE CONTROLLING AUTHORITY.
 - FINISH FLOOR ELEVATION = PAD ELEVATION +0.80'.
 - ALL STATIONING ON GRADING PLAN IS CENTERLINE STATIONING UNLESS OTHERWISE NOTED.
 - 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 GUIDELINE 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 AMENDMENTS ACT, AMERICANS WITH DISABILITIES ACT, THE ARCHITECTURAL BARRIERS ACT AND ANY APPLICABLE UNIFORM STANDARDS, SPECIFICATIONS OR DRAWINGS. THE PERSON OR ENTITY PERFORMING THE CONSTRUCTION SHALL BE SOLELY RESPONSIBLE TO MAKE SURE CONSTRUCTION IS IN CONFORMANCE WITH ALL LOCAL, STATE AND FEDERAL STATUTES, LAWS, CODES, REGULATIONS, STANDARDS, GUIDELINES AND ORDINANCES AND FURTHER, IS IN CONFORMANCE WITH ANY APPLICABLE DESIGN CRITERIA, INCLUDING BUT NOT LIMITED TO SOILS REPORTS, ARCHITECTURAL PLANS AND SPECIFICATIONS, DRAINAGE PLANS OR STUDIES 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.

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.

DANIEL J. HOOD P.E. NO.12811 DATE 7.31.02

PERMA-BILT HOMES		CITY OF LAS VEGAS, NEVADA	
7150 POLLOCK DRIVE, SUITE 104 LAS VEGAS, NEVADA 89119 (702) 898-9100		2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148 PH. (702) 873-7550 FAX (702) 362-2587 novada CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS	
GRADING PLAN		ELKHORN / GRAND CANYON	
DRAWN BY: M.V.P.	01/29/02	DESIGNED BY: A.Y. / M.V.P.	01/22/02
CHECKED BY: A.Y.	02/05/02	PROJECT NO: 5897	SCALE: 1"=40' HORIZ. NONE VERT.
		7.31.02 SHEET G2 8 OF 27 SHEETS DRAWING NO. 167N-4736-1	