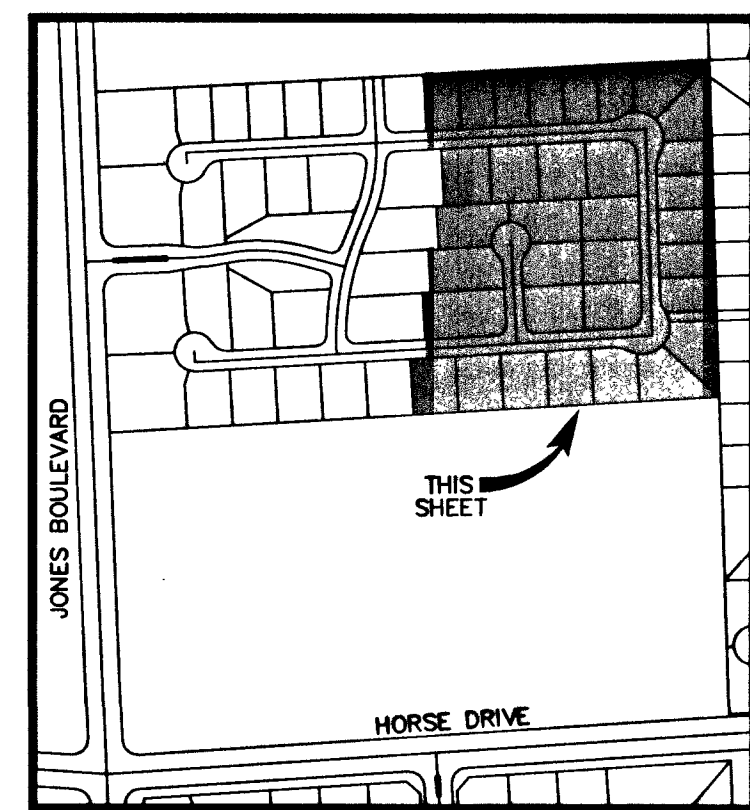
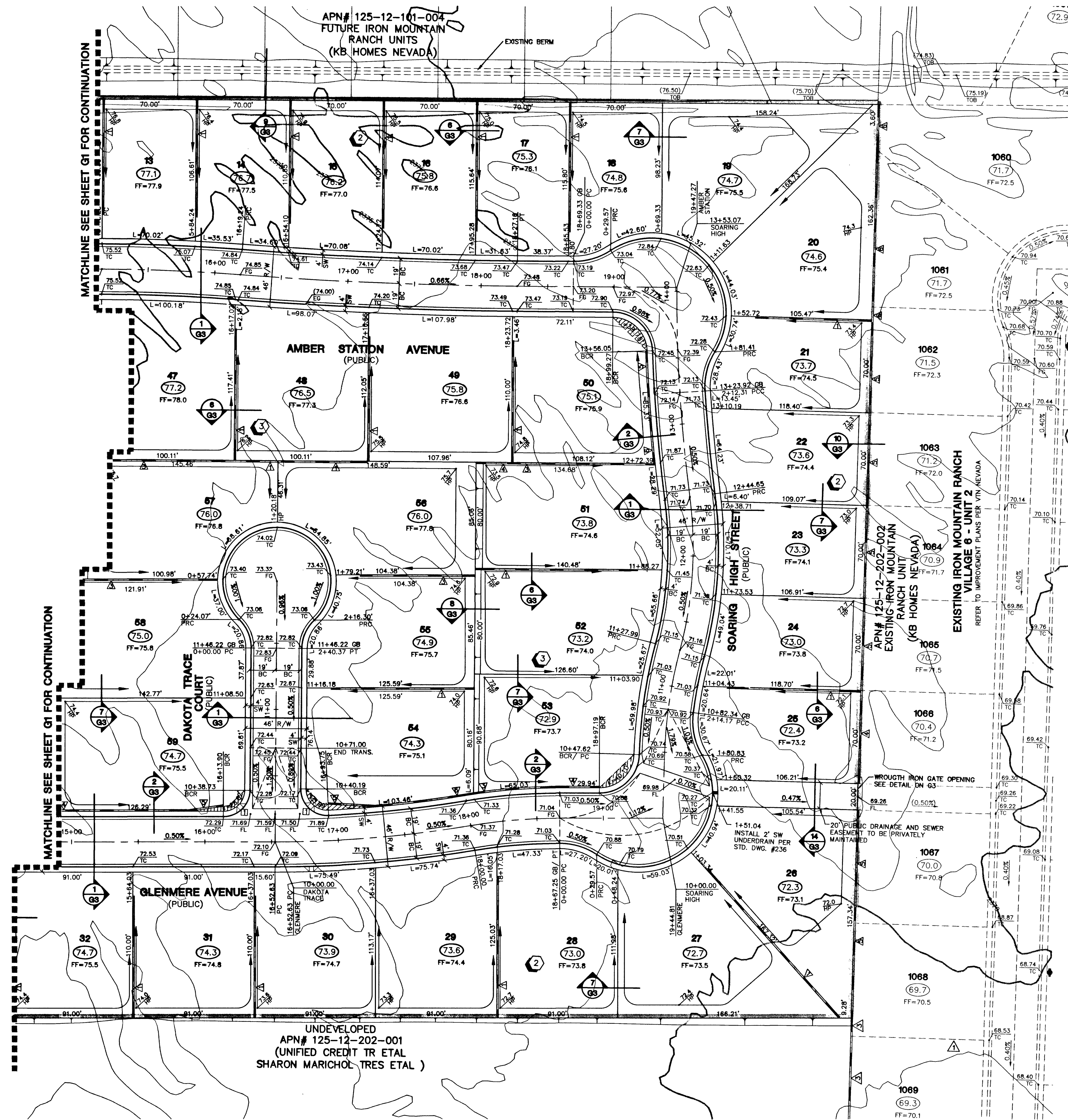
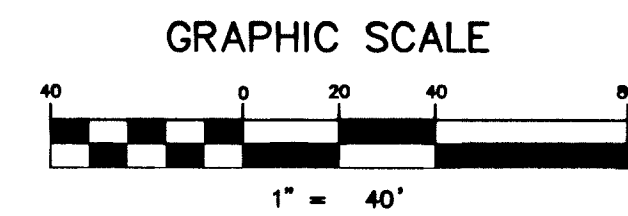




KEY MAP

N.T.S.



SIDEWALK RAMPS TABLE

PER STD. DWG 235 CASE I

NO.	DIM "A"	DIM "B"	CAS
1	8.0'	8.0'	1

LEGEND

FG	FINISH GRADE		EX. CONTOUR(5' INTERVAL)
FL	FLOW LINE		EX. CONTOUR(1' INTERVAL)
TC	TOP OF CURB		PROPOSED CONTOUR
TRC	TOP OF ROLL CURB		PROPOSED PAD GRADE
EAC	EDGE OF ASPHALT PAVEMENT		FLO./EXIST. PAD GRADE
FUT.	FUTURE		SLOPE AND FLOW DIRECTION
EXIST	EXISTING (EX.)		EDGE OF EXIST. A.C.
VG	VALLEY GUTTER		SAW CUT & MATCH A.C.
NG	NATURAL GROUND		SIDEWALK RAMP
H.P.	HIGH POINT		PAD SWALE SLOPES
C/L	LOW POINT		SCARP AREA
L.P.	CENTER LINE		LOT NUMBER
O/C	OFFSET CROWN		BLOCK NUMBER
BC	BACK OF CURB		RETAINING HEIGHT (FEET)
BCR	BEGIN CURB RETURN		SIGHT VISIBILITY ZONES
TF	TOP OF FOOTING		PROJECT BOUNDARY LINE
GB	GRADE BREAK		SETBACK LINE
PC	POINT OF CURVATURE		R/W OR P/L
PT	POINT OF TANGENCY		CENTER LINE
PRC	POINT OF REVERSE CURVATURE		BACK OF CURB
POC	POINT OF COMPOUND CURVATURE		LIP OF GUTTER
BVC	BEGIN VERTICAL CURVE		EXIST. IMPROVEMENTS
MVC	MID-POINT OF VERTICAL CURVE		FUTURE IMPROVEMENTS
EVC	END VERTICAL CURVE		RETAINING WALL
PRVC	POINT OF REVERSE VERTICAL CURVE		CONC. BLOCK WALL
VI	VERTICAL POINT OF INTERSECTION		EXIST. CONC. BLOCK WALL
TPW	TOP OF PLANTER WALL		EXIST. DIRT ROAD
TRW	TOP OF RETAINMENT WALL		EXIST. AC
TOP	TOP OF CHANNEL/SCARP		CONSTRUCTION PHASE LINE
TOB	TOP OF BOX		OR UNIT BOUNDARY LINE
PP	POWER POLE		MATCHLINE
TRANS.	TRANSITION		
RET.	RETAINMENT		
INT.	INTERSECTION		
D.G.	DESIGN GRADE		
TSW	TOP OF SIDEWALK		
FF=	FINISH FLOOR		
GFF=	GARAGE FINISH FLOOR		
BFE	BASE FLOOR ELEVATION		
RCP	REINFORCED CONCRETE PIPE		
SD	STORM DRAIN		
DI	DROP INLET		
R/W	RIGHT-OF-WAY		
S/W	SIDEWALK		
BCL	BACK OF CURB LENGTH		

NOTE: ALL OF THE RETAINING WALL HEIGHTS ARE DETERMINED WITH THE TOP OF THE FOOTING BEING APPROXIMATELY 4" BELOW EXISTING GRADE. WITH THE EXCEPTION OF RETAINING WALLS WHICH ARE NEXT TO A SIDEWALK, ALL OF THESE ARE FIGURED TO HAVE THE TOP OF FOOTING BEING 8" BELOW THE TOP OF THE SIDEWALK.

TOP OF RETAINING WALL TO BE AT OR
ABOVE UPPER PAD ELEVATION.

RETAINING WALL CONVERSION TABLE

	STANDARD RETAINER	RETAINER NEXT TO SIDEWALK
1	0.4-0.7"	N/A
2	0.71-0.83"	N/A
3	0.84-1.5"	0.7-1.17"
4	1.51-2.17"	1.18-1.83"
5	2.18-2.83"	1.84-2.5"
6	2.84-3.5"	2.51-3.17"
7	3.51-4.17"	3.18-3.83"
8	4.18-4.83"	3.84-4.5"
9	4.84-5.5"	4.51-5.17"
10	5.51-6.17"	5.18-5.83"
11	6.18-6.83"	5.84-6.5"
12	6.84-7.5"	6.51-7.17"

LEGAL DESCRIPTION

A PORTION OF THE NORTH HALF (N 1/2) OF WEST HALF (W 1/2) OF SOUTH HALF (S 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 12, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

BENCHMARK

PROJECT DATUM: NAVD88
CITY OF LAS VEGAS BENCHMARK 1LV90-13NES
NAVD88 ELEVATION: 710.9608 METERS (2332.54 FEET)

CNLV BM 413148, NAVD 88 ELEV=710.953
 METERS (2332.52 FEET) 1" DIAMETER CONCRETE MONUMEN
 77 FEET SOUTH & 54 FEET WEST OF N.E. CORNER
 SEC. 13T19R60E 10' EAST OF LARGE POWER POLE.

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS PROJECT IS GRID NORTH AS DEFINED BY THE NEVADA COORDINATE SYSTEM OF 1983 (NCS83), EAST ZONE, (2701), DETERMINED BY CLARK COUNTY GIS CONTROL POINTS 802, 803, 804, AND 805, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE, IN BOOK 88 OF SURVEYS, AT PAGE 53.

ENGINEER DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE. ONLY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO COMMENCING CONSTRUCTION.

NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Avoid overhead power line contact. It's costly.

Call
before you
Overhead
1-702-227-2929

Avoid cutting underground utility lines. It's costly.

Call before you dig.

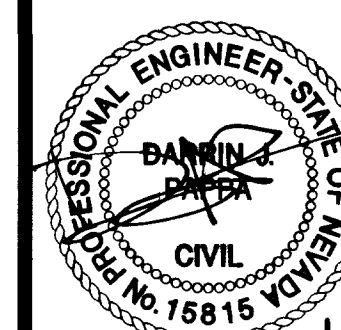
1-800-227-2600

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE
APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE AT
THE CITY OF LAS VEGAS

DARRIN J. PAPPA, P.E. NO. 15815

DATE

3/26/03



SHEET
G2
9 OF 26 SHEETS
DRAWING NO.
15744771

CITY OF LAS VEGAS, NEVADA

U.S. HOME
3765 E. SUNSET #B1
LAS VEGAS, NEVADA 89120
(702) 458-7700

GRADING PLAN

DRAWN BY:	JULY '03
DESIGNED BY:	JULY '03
CHECKED BY:	JULY '03
PROJECT NO:	SCALE: 1"=40'

H:\6121\6121GR-01.DWG (G2)