

Avoid cutting underground utility lines. It's costly.

Call before you Dig  
1-800-227-2600

Call before you Overhead  
1-702-593-6111

**GRADING NOTES**

1. CIV. CONSULTANTS SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY IN THE PLANS OR CONDITIONS IN THE FIELD.
2. ALL WORK TO BE 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 AND GIVEN TO THE CITY OF LAS VEGAS.
3. ADD 2500' TO ALL PROPOSED ELEVATIONS SHOWN HEREON.
4. ALL STATIONING SHOWN, UNLESS OTHERWISE NOTED, IS CENTERLINE STATIONING.
5. "C" REPRESENTS STATIONING AT THE BACK OF CURB ALONG A CUL-DE-SAC.
6. "K" REPRESENTS STATIONING AT THE BACK OF CURB ALONG A KNUCKLE.
7. ALL INTERIOR STREETS PROPOSED HEREIN ARE PRIVATE.

**BASIS OF BEARING**

BEING THE NORTH LINE OF THE LOT 83, AS IT IS SHOWN ON THE RECORD OF SURVEY IN FILE 52, OF SURVEYS, PAGE 70, OFFICIAL RECORDS OF CLARK COUNTY, NEVADA, WHICH BEARS: SOUTH 85°04'37" WEST.

**BENCHMARK**

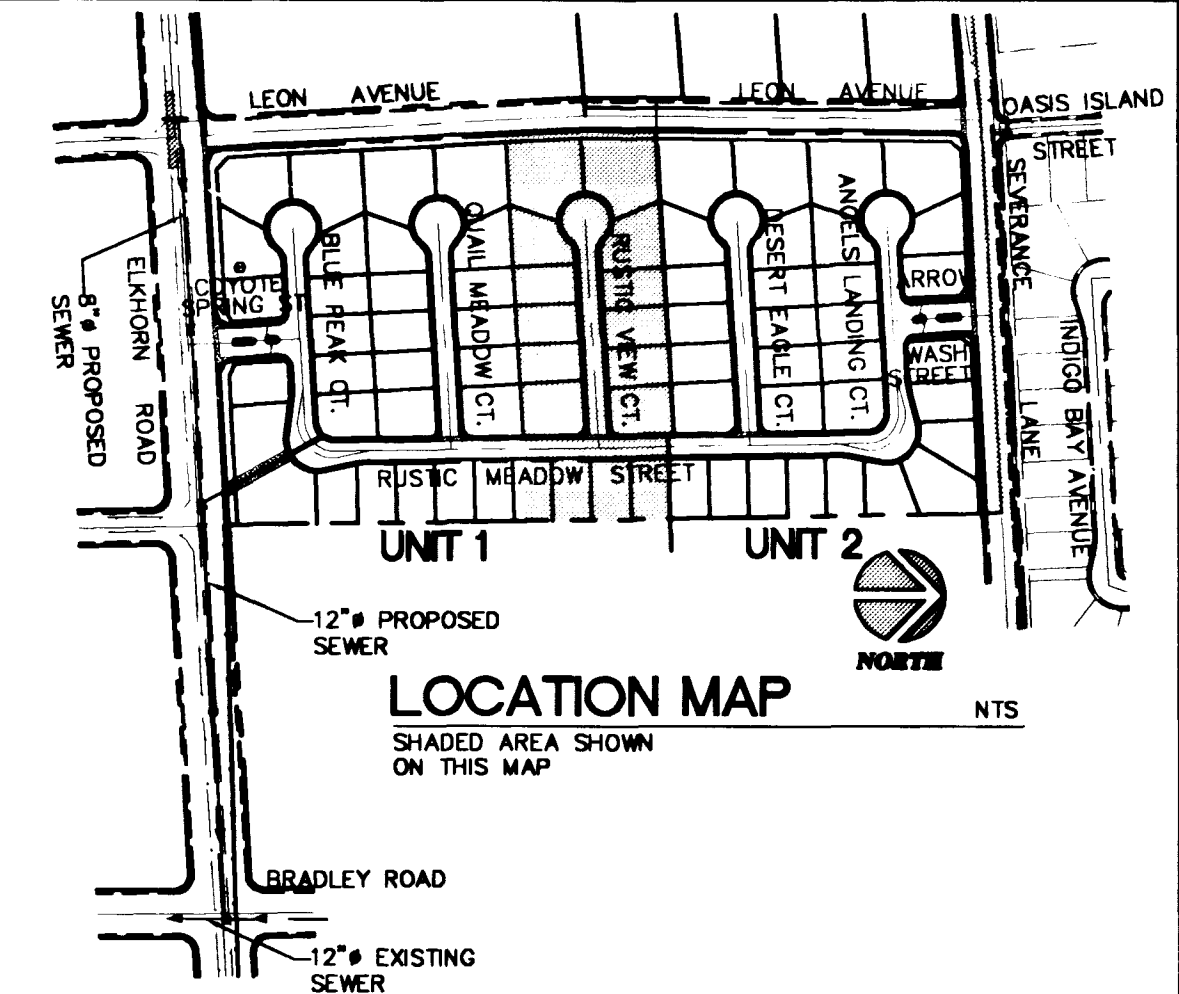
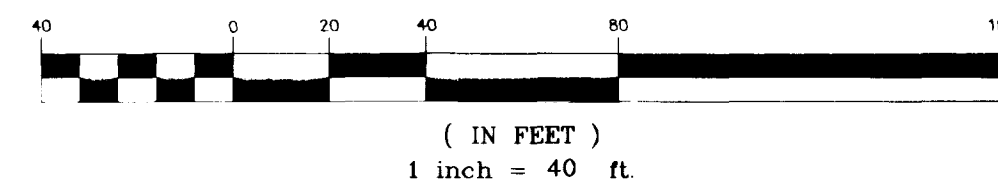
BEING THE CITY OF NORTH LAS VEGAS BM, #518118 (LV90-13E4), 50' WEST OF BLM BRASS CAP @ DECATUR BLVD. & FARM ROAD. ELEVATION = 707.9639 METERS - 2,322.71 FEET. (N.A.V.D. 1988) (ELEVATION BASED ON CITY OF LAS VEGAS VERTICAL DATUM)

**CONSTRUCTION NOTES**

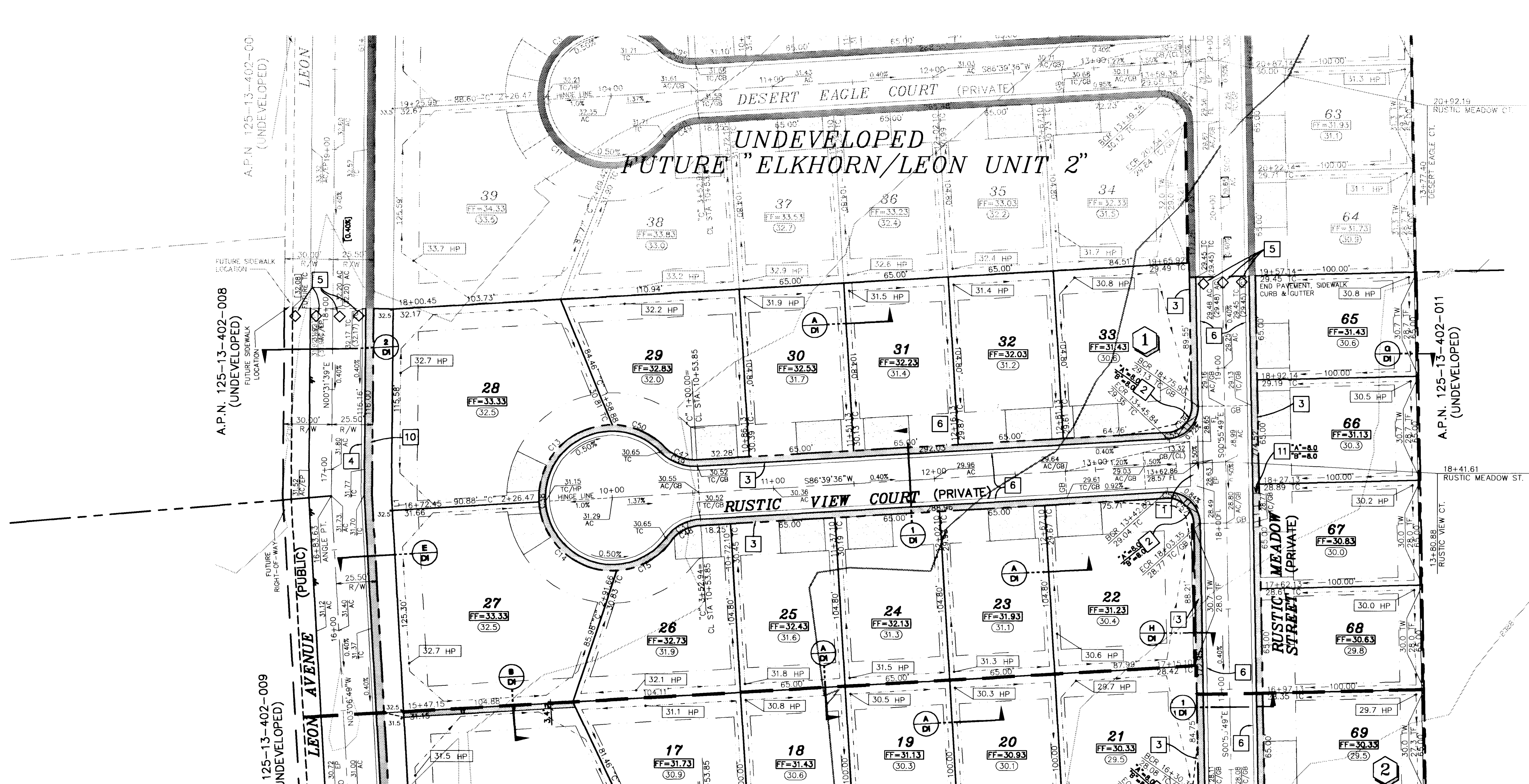
1. CONSTRUCT 8" CONCRETE VALLEY GUTTER PER CLARK COUNTY AREA STANDARD DWG. NO. 228.
2. CONSTRUCT SIDEWALK RAMP (CASE I) PER CLARK COUNTY AREA STANDARD DWG. NO. 235. (TRANSITION LENGTHS A & B SHOWN ON PLAN)
3. CONSTRUCT 4" WIDE CONCRETE SIDEWALK PER CLARK COUNTY AREA STANDARD DWG. NO. 234.
4. CONSTRUCT "L" TYPE CURB & GUTTER PER CLARK COUNTY AREA STANDARD DWG. NO. 216.
5. INSTALL TEMPORARY END OF ROAD MARKERS PER SEC. 3C-4 OF THE MUTCD.
6. CONSTRUCT 30" ROLL TYPE CURB AND GUTTER PER CLARK COUNTY AREA STD. DWG. NO. 217A
7. NOT USED
8. REMOVE EXISTING TEMPORARY END OF ROAD MARKERS
9. CONSTRUCT CURB TRANSITION PER DETAIL ON SHEET D1
10. CONSTRUCT 5" WIDE CONCRETE SIDEWALK PER CLARK COUNTY AREA STANDARD DWG. NO. 234.
11. CONSTRUCT SIDEWALK RAMP "T" INTERSECTIONS PER CLARK COUNTY AREA STANDARD DWG. NO. 235.1 (TRANSITION LENGTHS A & B SHOWN ON PLAN)



GRAPHIC SCALE



SCALE	1" = 40'
DRAWN BY:	SSC/ekd
CHECKED BY:	SSC/IWL
PROJECT DATE:	02/99
PILOT DATE:	07/26/99



**LINE TABLE**

LINE	LENGTH	BEARING
L1	9.99	N03°06'49"W
L2	10.00	N03°20'24"W
L3	10.00	N03°20'24"W
L4	15.01	S00°55'49"E
L5	5.35	N11°54'44"W
L6	10.46	S86°39'36"W
L7	10.00	S03°20'24"E
L8	10.00	S03°20'24"E
L9	11.01	S00°55'49"E
L10	11.01	S00°55'49"E

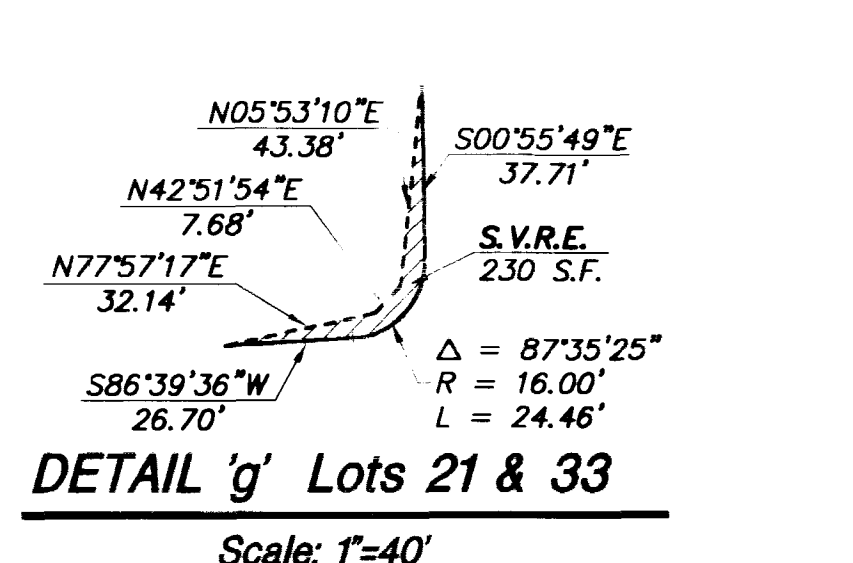
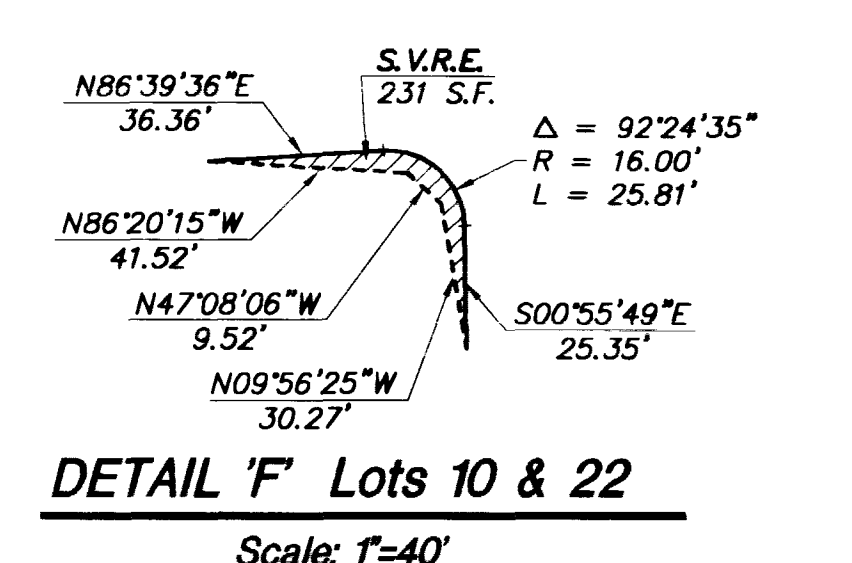
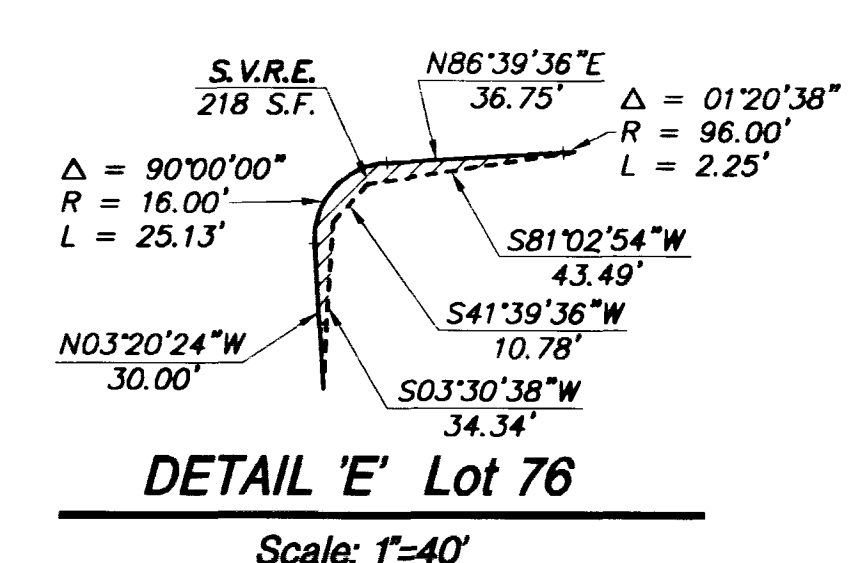
**CURVE TABLE**

CURVE	LENGTH	RADIUS	TANGENT	DELTA
C40	25.21	29.00	13.46	49°48'18"
C41	47.12	30.00	30.00	90°00'00"
C42	47.12	30.00	30.00	90°00'00"
C43	21.73	25.00	11.61	49°48'18"
C44	21.73	25.00	11.61	49°48'18"
C45	21.73	25.00	11.61	49°48'18"
C46	21.73	25.00	11.61	49°48'18"
C47	21.73	25.00	11.61	49°48'18"
C48	21.73	25.00	11.61	49°48'18"
C49	21.73	25.00	11.61	49°48'18"
C50	36.91	45.50	16.94	46°28'52"
C51	33.04	45.50	11.99	41°36'21"
C52	23.92	45.50	11.41	35°09'22"
C53	39.27	25.00	17.00	90°00'00"
C54	39.27	25.00	17.00	90°00'00"
C55	30.57	20.00	19.18	87°35'25"
C56	32.26	20.00	20.86	92°24'35"
C57	25.81	16.00	16.69	92°24'35"
C58	24.46	16.00	15.34	87°35'25"
C59	30.57	20.00	19.18	87°35'25"
C60	32.26	20.00	20.86	92°24'35"
C61	24.46	16.00	15.34	87°35'25"
C62	25.81	16.00	16.69	92°24'35"
C63	54.99	55.00	30.04	57°16'58"
C64	15.21	55.00	7.68	15°53'39"
C65	51.98	34.00	32.60	87°35'25"
C66	19.17	100.00	9.61	10°58'55"
C67	97.52	51.00	72.24	109°33'11"
C68	18.40	96.00	9.23	10°58'55"
C69	34.92	35.00	18.07	36°22'38"
C70	45.86	30.00	28.76	87°35'25"
C71	10.80	16.00	6.22	38°40'56"
C72	14.33	16.00	7.69	51°19'04"
C73	31.42	20.00	20.00	90°00'00"
C74	31.42	20.00	20.00	90°00'00"
C75	14.33	16.00	7.69	51°19'04"
C76	10.80	16.00	6.22	38°40'56"
C77	9.13	96.00	4.57	05°26'48"
C78	69.84	45.50	43.90	87°35'25"
C79	19.15	45.50	45.18	89°35'47"
C80	39.87	45.50	21.32	50°12'31"
C81	19.17	100.00	9.61	10°58'55"
C82	30.20	20.00	18.82	86°31'23"
C83	22.65	15.00	14.12	86°31'23"
C84	9.27	96.00	4.64	05°32'07"
C85	15.71	5.00	INFINITE	180°00'00"
C86	15.71	5.00	INFINITE	180°00'00"
C87	15.71	5.00	INFINITE	180°00'00"
C88	15.71	5.00	INFINITE	180°00'00"
C89	25.21	29.00	13.46	49°48'18"
C90	25.21	29.00	13.46	49°48'18"
C91	25.21	29.00	13.46	49°48'18"
C92	202.52	41.50	35.06	279°36'37"
C93	39.44	25.00	25.17	90°23'25"
C94	39.10	25.00	24.83	89°36'35"
C95	21.73	25.00	11.61	49°48'18"
C96	21.73	25.00	11.61	49°48'18"
C97	21.73	25.00	11.61	49°48'18"
C98	35.13	45.50	18.49	44°14'24"
C99	41.18	45.50	22.12	51°51'44"
C100	31.55	20.00	20.14	90°23'25"
C101	31.28	20.00	19.86	89°36'35"
C102	30.57	20.00	19.18	87°35'25"
C103	24.46	16.00	15.34	87°35'25"
C104	41.25	55.00	21.65	42°58'03"
C105	36.89	55.00	19.06	38°13'24"
C106	0.08	55.00	0.04	00°04'48"
C107	54.84	34.00	35.46	92°24'35"
C108	19.17	100.00	9.61	10°58'55"
C109	18.40	96.00	9.23	10°58'55"
C110	18.40	96.00	9.23	10°58'55"
C111	31.78	55.00	16.35	33°06'11"
C112	48.39	30.00	31.29	92°24'35"

**CURVE TABLE**

CURVE	LENGTH	RADIUS	TANGENT	DELTA
C1	32.26	20.00	20.86	92°24'35"
C2	25.81	16.00	16.69	92°24'35"
C3	75.89	45.50	50.15	35°33'54"
C4	202.52	41.50	35.06	279°36'37"
C5	10.80	16.00	6.22	38°40'56"
C6	14.33	16.00	7.69	51°19'04"
C7	31.42	20.00	20.00	90°00'00"
C8	31.42	20.00	20.00	90°00'00"
C9	10.80	16.00	6.22	38°40'56"
C10	14.33	16.00	7.69	51°19'04"
C11	69.02	45.50	43.11	86°34'44"
C12	42.00	45.50	22.63	52°33'34"
C13	74.11	45.50	48.27	93°19'28"
C14	71.47	45.50	45.50	90°00'00"
C15	39.55	45.50	21.12	49°48'12"
C16	77.98	45.50	52.53	98°11'58"
C17	77.55	45.50	52.02	97°39'14"
C18	33.47	45.50	17.53	42°09'05"
C19	83.10	45.50	58.92	104°38'57"
C20	70.99	45.50	45.02	89°23'51"
C21	40.03	45.50	21.41	50°24'27"
C22	47.24	30.00	30.12	90°13'35"
C23	19.17	100.00	9.61	10°58'55"
C24	39.37	25.00	25.10	90°13'35"
C25	18.40	96.00	9.23	10°58'55"
C26	202.52	41.50	35.06	279°36'37"
C27	15.71	5.00	INFINITE	180°00'00"
C28	15.71	5.00	INFINITE	180°00'00"
C29	15.71	5.00	INFINITE	180°00'00"
C30	15.71	5.00	INFINITE	180°00'00"
C31	25.21	29.00	13.46	49°48'18"
C32	202.52	41.50	35.06	279°36'37"
C33	25.21	29.00	13.46	49°48'18"
C34	25.21	29.00	13.46	49°48'18"
C35	202.52	41.50	35.06	279°36'37"
C36	25.21	29.00	13.46	49°48'18"
C37	25.21	29.00	13.46	49°48'18"
C38	202.52	41.50	35.06	279°36'37"
C39	25.21	29.00	13.46	49°48'18"

MATCHLINE SEE SHEET G1

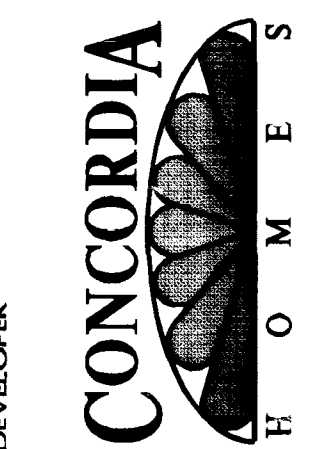


I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE AT CITY OF LAS VEGAS.

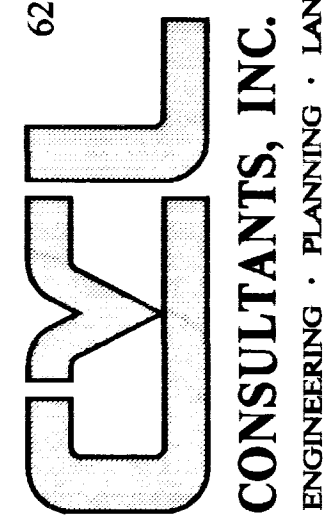
*James W. Deland* 8/25/99  
DATE

CONCORDIA © ELKHORN/LEON  
CITY OF LAS VEGAS

GRADING PLAN  
(NORTH HALF)  
UNIT 1



6280 S. Valley View Blvd  
Suite 200  
Las Vegas, NV 89118  
Tel: (702) 368-3008  
Fax: (702) 368-0047



SHEET  
**G2**  
7 OF 17

AGENCY DWG. NO.  
107Y-4619-1

