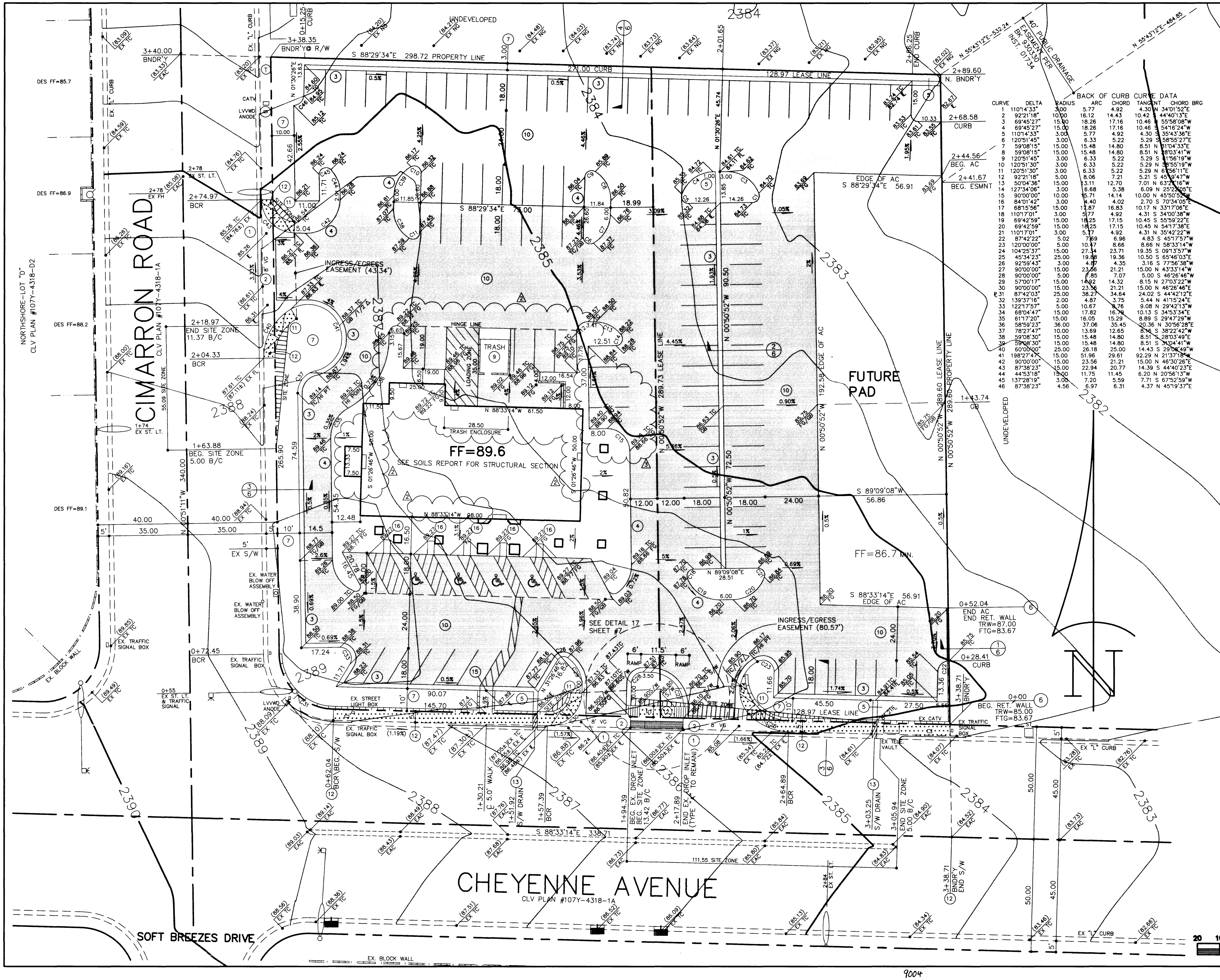

BACK OF CURB CURVE DATA

CURVE	DELTA	RADIUS	ARC	CHORD	TANGENT	CHORD BRG
1	110°14'33"	3.00	5.77	4.92	4.30	N 34°01'52"E
2	92°21'18"	10.00	16.12	14.43	10.42	S 44°40'13"E
3	69°45'27"	15.00	18.26	17.16	10.46	N 55°58'08"W
4	69°45'27"	15.00	18.26	17.16	10.46	S 54°16'24"W
5	110°14'33"	3.00	5.77	4.92	4.30	S 35°43'36"E
6	120°51'45"	3.00	6.33	5.22	5.29	S 58°55'27"E
7	59°08'15"	15.00	15.48	14.80	8.51	N 31°04'33"E
8	59°08'15"	15.00	15.48	14.80	8.51	N 28°03'41"W
9	120°51'45"	3.00	6.33	5.22	5.29	S 61°56'19"W
10	120°51'30"	3.00	6.33	5.22	5.29	N 58°55'19"W
11	120°51'30"	3.00	6.33	5.22	5.29	N 61°56'11"E
12	92°21'18"	5.00	8.06	7.21	5.21	S 45°19'47"W
13	50°04'36"	15.00	13.11	12.70	7.01	N 63°27'16"W
14	127°34'06"	3.00	6.68	5.38	6.09	N 25°22'05"E
15	90°00'00"	10.00	15.71	14.14	10.00	N 45°50'52"W
16	84°01'42"	3.00	4.40	4.02	2.70	S 70°34'05"E
17	68°15'56"	15.00	17.87	16.83	10.17	N 33°17'06"E
18	110°17'01"	3.00	5.77	4.92	4.31	S 34°00'38"W
19	69°42'59"	15.00	18.25	17.15	10.45	S 55°59'22"E
20	69°42'59"	15.00	18.25	17.15	10.45	N 54°17'38"E
21	110°17'01"	3.00	5.77	4.92	4.31	N 35°42'22"W
22	87°42'22"	5.02	7.69	6.96	4.83	S 45°17'57"W
23	120°00'00"	5.00	10.47	8.66	8.66	N 58°33'14"W
24	104°25'37"	15.00	27.34	23.71	19.35	S 09°13'57"W
25	45°34'23"	25.00	19.88	19.36	10.50	S 65°46'03"E
26	92°59'43"	3.00	4.87	4.35	3.16	S 77°56'38"W
27	90°00'00"	15.00	23.56	21.21	15.00	N 43°33'14"W
28	90°00'00"	5.00	7.85	7.07	5.00	S 46°26'46"W
29	57°00'17"	15.00	14.92	14.32	8.15	N 27°03'22"W
30	90°00'00"	15.00	23.56	21.21	15.00	N 46°26'46"E
℄ 31	87°42'03"	25.00	38.27	34.64	24.02	S 44°42'12"E
32	139°37'16"	2.00	4.87	3.75	5.44	N 41°15'24"E
33	122°17'57"	5.00	10.67	8.76	9.08	N 29°42'13"W
34	68°04'47"	15.00	17.82	16.79	10.13	S 34°53'34"E
35	61°17'20"	15.00	16.05	15.29	8.89	S 29°47'29"W
36	58°59'23"	36.00	37.06	35.45	20.36	N 30°56'28"E
37	78°27'47"	10.00	13.69	12.65	8.16	S 38°22'42"W
38	59°08'30"	15.00	15.48	14.80	8.51	S 28°03'49"E
39	59°08'30"	15.00	15.48	14.80	8.51	S 31°04'41"W
40	60°00'00"	25.00	26.18	25.00	14.43	S 29°08'49"W
41	198°27'47"	15.00	51.96	29.61	92.29	N 21°37'18"W
42	90°00'00"	15.00	23.56	21.21	15.00	N 46°30'26"E
43	87°38'23"	15.00	22.94	20.77	14.39	S 44°40'23"E
44	44°53'18"	15.00	11.75	11.45	6.20	N 20°56'13"W
45	137°28'19"	3.00	7.20	5.59	7.71	S 67°52'59"W
46	87°38'23"	4.56	6.97	6.31	4.37	N 45°19'37"E

LEGEND

CL	CENTERLINE
R/W	RIGHT-OF-WAY
FG	FINISH GRADE
FL	FLOW LINE
EX	EXISTING
BCR	BEGIN CURVE RETURN
TC	TOP OF CURB
FTG	TOP OF FOOTING
TRW	TOP OF RETAINING WALL
	NATURAL GROUND CONTOUR
	RETAINING WALL
	BLOCK WALL
	EDGE OF EX. ASPHALT
FF	FINISH FLOOR
	EXIST. DROP INLET

BENCHMARK
CLV BENCH MARK #0LV00-16N4
RIVET & ALUM. PLATE IN TC ON CHEYENNE,
1250' WEST OF SOFT BREEZE IN S. CURB
NAVD '88 ELEV. = 733.8685 METERS
= 2407.70 FEET
TOPOGRAPHIC INFORMATION PROVIDED
VTN NEVADA, DATED 6/30/97

REFERENCE
APN 138-09-801-013
U-29-95(2), Z-70-93

LEGAL DESCRIPTION
SW1/4 SW1/4 SE/4 SE1/4 SEC.9,
T.20S., R.60E., M.D.M.,
CLARK COUNTY, NEVADA.
R.O.S. FILE 91, PAGE 73.

SOILS REPORT
WESTERN TECHNOLOGIES #4127JC133
3611 WEST TOMPKINS AVE.
L.V., NV. 89106

BASIS OF BEARING
N 88 33'14" W BEING THE SOUTH LINE
OF SE1/4 SE1/4 SEC. 9, T.20S., R.60E.,
PER PLAT BOOK 75, PAGE 27.

FLOOD ZONE DESIGNATION
FLOOD ZONE "X", DETERMINED TO BE OUTSIDE
OF THE 500-YEAR FLOOD PLAIN
COMMUNITY MAP NUMBER 32003 C 2135 D
AUGUST 16, 1995

CONSTRUCTION NOTES

1. REMOVE EX. "L" CURB
2. 8' VALLEY GUTTER PER U.S.D. #228
3. "L" TYPE CURB PER U.S.D. #216
4. "A" TYPE CURB PER U.S.D #219
5. "DRAIN THRU" PER DETAIL SHT. #7 (5/7)
6. RETAINING WALL PER DETAIL SHT. #7 (6/7)
7. PLANTER AREA
8. 24" VALLEY GUTTER PER DETAIL SHT. #7 (8/7)
9. TRASH ENCLOSURE PER DETAIL SHT. #7 (9/7)
10. AC PAVING PER SOILS REPORT
    AUTO 2" AC/4" TYPE II
    TRUCK 3" AC/4" TYPE II
11. SIDE WALK RAMP PER U.S.D #235, CASE I

CURVE	SLOPE	"A"	"B"
C43	−4.14%	4.5'	15.0'
C40	+1.07%	8.0'	8.0'
C30	−1.49%	8.0'	8.0'
C25	+2.01%	9.5'	4.5'

12. 5' SIDE WALK PER U.S.D #234
13. SAWCUT EXIST CURB & REMOVE FOR INSTALLATION OF SIDE WALK DRAIN PER U.S.D #236
14. 6" x 6" OPENING CURB FOR DRAINAGE
15. DEPRESS CURB FOR HANDICAP ACCESSIBLE ROUTE
16. 6" RISE/RAMP W/ DETECTABLE WARNINGS

REGISTERED PROFESSIONAL ENGINEER - STATE OF NEVADA
SAM C. DUNNAM
CIVIL
No.7886
10/10/97

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

20 10 0 20 40 60
SCALE IN FEET

FILE =PUTT01C
1" = 20'

NO.	DATE	REVISION
1	2/13	REVISE H/C PARKING, PARKING ℄
		℄ PARKING ISLAND, EDGE OF AC℄
		FUTURE PAD
2	6/10	REVISE BLDG / TRASH ENCLOSURE
3	6/26	REVISE PARKING 7/8/98

DUNNAM CIVIL ENGINEERS
3306 SPRING MOUNTAIN ROAD
SUITE 82
LAS VEGAS, NV 89102
(702) 367-0588
(702) 367-8146 FAX

PUTTERS II
GRADING PLAN

3
OF SEVEN

9004
Revised
107-VZ870

RUNNAM CIVIL ENGINEERS

PUTTERS II
GRADING PLAN

3