Avoid cutting underground utility lines. It's costly.

Call before you Dig you Overhead

Call before

1-800-227-2600 1-702-593-6111

LEGEND

A.C.	ASPHALTIC CONCRETE	EX.	EXISTING	PVI	POINT OF VERTICAL INTERSECTION
ADJ.	ADJACENT	FF	FINISHED FLOOR	PVMT.	PAVEMENT
APPROX.	APPROXIMATE	FG	FINISHED GRADE	R/W	RIGHT-OF-WAY
B.C.	BACK OF CURB	FL	FLOWLINE	TC	TOP OF CURB
BCR	BACK OF CURB RETURN	FP	FINISHED PAD	V.G.	VALLEY GUTTER
℄	CENTERLINE	G.B.	GRADE BREAK		
BVC	BEGIN VERTICAL CURVE	O.H.	OVERHEAD		
CONC.	CONCRETE	PC	POINT OF CURVATURE		
D.I.	DROP INLET	PI	POINT OF INTERSECTION		
ELEC.	ELECTRIC	PT	POINT OF TANGENCY		
EP	EDGE OF PAVEMENT	℄	PROPERTY LINE		
EVC	END VERTICAL CURVE	PROP.	PROPOSED		

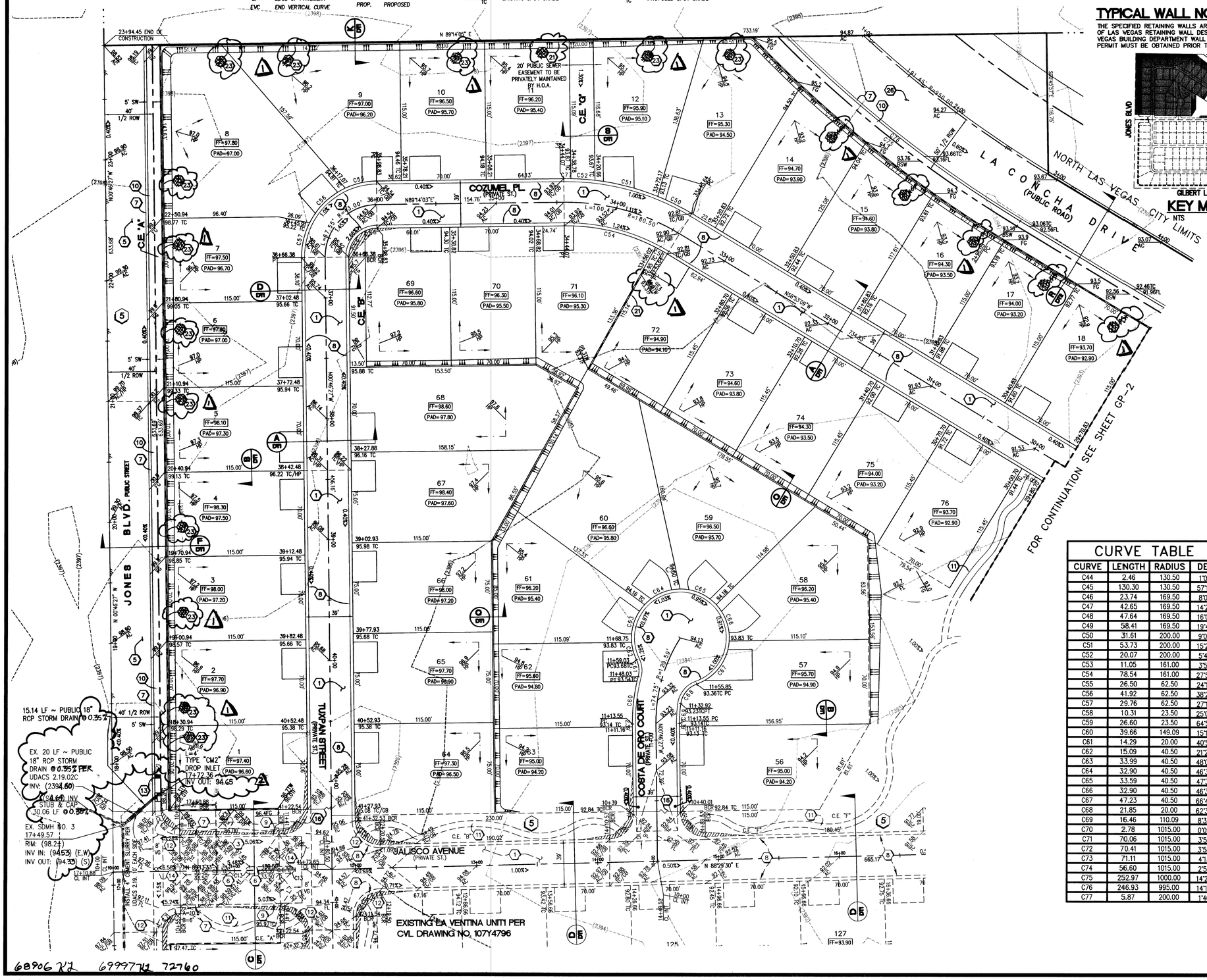
A / DT1	SECTION OR DETAIL IDENTIFIER
	SHEET ON WHICH SECTION OR DETAIL IS DRAWN
(2280)	EXISTING CONTOUR LINE
	EXISTING UTILITY LINE
	PROPOSED LOTLINE
	RIGHT OF WAY
	CENTERLINE
(OP)	EX OVERHEAD POWER
9	LOT NUMBER
FF= XX.X	FINISH FLOOR ELEV.
(PAD= XX.X)	PAD ELEVATION
<0.40%	DIRECTION OF FLOW
(XX.XX) TC	EXISTING SPOT GRADE
XX.XX TC	PROPOSED SPOT GRADE

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

NORTH

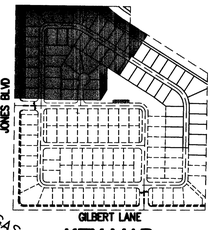


S.V.R.Z. LEGEND

SA SIGHT VISIBILITY RESTRICTED ZONE

TYPICAL WALL NOTES

THE SPECIFIED RETAINING WALLS ARE A STANDARD CITY OF LAS VEGAS RETAINING WALL DESIGN. THE CITY OF LAS VEGAS BUILDING DEPARTMENT WALL CONSTRUCTION PERMIT MUST BE OBTAINED PRIOR TO BUILDING WALLS.



KEY MAP

NTS

CONSTRUCTION NOTES

1. CONSTRUCT PAVEMENT PER DETAIL A ON SHEET DT1.
5. CONSTRUCT PAVEMENT PER DETAIL F ON SHEET DT1. (PUBLIC STREET)
7. CONSTRUCT "L" TYPE CURB PER U.S.D.C.C.A. STD. DWG. NO 216.
8. CONSTRUCT ROLL CURB PER STD. DRAWING 217A
10. CONSTRUCT CONC. SIDEWALK PER U.S.D.C.C.A. STD. DWG. NO 234. SEE PLANS FOR WIDTH
11. CONSTRUCT 3' MEANDERING SIDEWALK.
13. CONSTRUCT 2' CONCRETE SIDEWALK UNDER DRAIN PER U.S.D.C.C.A. STANDARD DWG. NO. 236.
16. SAW CUT EXISTING AC, REMOVE AND MATCH.
21. CONSTRUCT RETAINING WALL PER CLV BUILDING DEPARTMENT STDS.
23. CONSTRUCT SOLID GROUT 3 COURSES (MIN)
24. CONSTRUCT SOLID GROUT 2 COURSES (MIN)
26. CONSTRUCT PAVEMENT PER DETAIL R ON SHEET DT2. (PUBLIC STREET)

FLOOD CONTROL QUANTITIES

1. UNDER SIDEWALK DRAIN.....1 EA
2. DROP INLET.....1 EA
3. 18" RCP STORM DRAIN PIPE.....15 LF
4. RIPRAP.....0 SQ.FT.
5. CONCRETE FLUME.....0 SQ.FT.

NDEP NOTE

ALL LAND SURFACE AREA DISTURBANCES OVER 1 ACRE REQUIRE A STORM WATER DISCHARGE PERMIT ISSUED BY THE NEVADA DIVISION OF ENVIRONMENTAL PROTECTION (NDEP). A PHASED CONSTRUCTION UNIT IN A CONTIGUOUS SUBDIVISION IS CONSIDERED UNDER CONSTRUCTION UNTIL ALL STRIPPED OR DISTURBED SURFACE AREAS HAVE BEEN COVERED BY PAVING, BUILDING CONSTRUCTION OR PLANTING. A STORM WATER DISCHARGE PERMIT APPLICATION AND ASSOCIATED INFORMATION MAY BE DOWNLOADED FROM THE WEB SITE:
~~HTTP://BWM.STATE.NV.US/BWM/BWMPS/STORMWT.HTM~~.
PROJECTS THAT DISTURB MORE THAN ONE ACRE OF LAND MUST SUBMIT TO NDEP A "NOTICE OF INTENT" FOR INCLUSION UNDER STORM WATER PERMIT NO. NVR100000 ALONG WITH THE APPROPRIATE FILLING FEE.

BENCHMARK

Elev. 731.1038 meters (NAVD 88)
CITY OF LAS VEGAS BENCHMARK No. 9LV90 1W4

A BRASS CAP IN CONCRETE CYLINDER AT THE SOUTHEAST CORNER OF JONES BOULEVARD AND LOG CABIN WAY.

NADV 88 ELEVATION = 2398.63 FEET

NOTE

SUBTRACT 0.12' FROM ALL ELEVATIONS AND CONTOURS SHOWN ON THESE PLANS TO CONFORM TO THE DATUM OF THE PUBLISHED CITY OF LAS VEGAS BENCHMARK SHOWN HEREON (NAVD 88 DATUM).

BASIS OF BEARING

NORTH 00°46'27" WEST, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 1, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., AS SHOWN IN FILE 73 OF SURVEYS, PAGE 14, OFFICIAL RECORDS OF CLARK COUNTY, NEVADA.

PRIVATE STREET NOTE

ALL PRIVATE STREETS AND DRIVES ARE PUBLIC UTILITY EASEMENTS, CITY OF LAS VEGAS SEWER EASEMENTS AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY H.O.A.

GRADING NOTES

1. CVL 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 OFF SITE OWNER AND GIVEN TO THE CITY OF LAS VEGAS.
3. FOR AREAS THAT ARE FLATTER THAN 2:1 SLOPE, OR LESS THAN 1' ELEVATION DIFFERENCE, SCARPS ARE NOT SHOWN ON PLAN FOR CLARITY PURPOSES.
4. GRADING AND STRUCTURAL SECTIONS SHALL CONFORM TO SOILS REPORT PREPARED BY GEO. TEK INC. DATED DECEMBER 09, 2002 AS REFERENCE NO. 4330-LV6 EXCEPT AS MODIFIED BY SOILS ENGINEER AND APPROVED BY THE CITY OF LAS VEGAS. STRUCTURAL SECTION USED IN THIS DESIGN IS 10". CONTRACTOR SHALL REFER TO THE SOILS REPORT AND ACCOMMODATE AND OTHER DESIGN.
5. ALL SCARP AREAS SHALL HAVE A MINIMUM ONE FOOT SHOULDER NEXT TO WALL PRIOR TO STARTING SLOPE.
6. SEE HORIZONTAL CONTROL PLAN FOR TYPICAL BUILDING SETBACKS AND LOT DIMENSIONS.
7. DRIVEWAY SLOPES SHOWN ARE BASED ON A STANDARD 2% SLOPE FOR 4' FROM GARAGE FACE. A STANDARD 2-CAR DRIVEWAY (16' MAX) IS SHOWN, ACTUAL DRIVEWAY SIZE MAY VARY DEPENDING ON FINAL PRODUCT TYPE.

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

DARREN M. BENCH DATE 4/15/04 P.E. # 10574

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C44	2.46	130.50	1°04'51"
C45	130.30	130.50	57°12'28"
C46	23.74	169.50	8°01'23"
C47	42.65	169.50	14°24'56"
C48	47.64	169.50	16°06'18"
C49	58.41	169.50	19°44'41"
C50	31.61	200.00	9°03'23"
C51	53.73	200.00	15°23'34"
C52	20.07	200.00	5°45'01"
C53	11.05	161.00	3°55'51"
C54	78.54	161.00	27°56'57"
C55	26.50	62.50	24°17'43"
C56	41.92	62.50	38°25'50"
C57	29.76	62.50	27°16'56"
C58	10.31	23.50	25°08'55"
C59	26.60	23.50	64°51'35"
C60	39.66	149.09	15°14'33"
C61	14.29	20.00	40°55'41"
C62	15.09	40.50	21°20'44"
C63	33.99	40.50	48°05'03"
C64	32.90	40.50	46°32'23"
C65	33.59	40.50	47°31'00"
C66	32.90	40.50	46°32'23"
C67	47.23	40.50	66°49'20"
C68	21.85	20.00	62°35'49"
C69	16.46	110.09	8°33'55"
C70	2.78	1015.00	0°09'25"
C71	70.06	1015.00	3°57'18"
C72	70.41	1015.00	3°58'29"
C73	71.11	1015.00	4°15'15"
C74	56.60	1015.00	2°57'19"
C75	252.97	1000.00	14°29'39"
C76	246.93	995.00	14°13'09"
C77	5.87	200.00	1°40'51"

NO.	REVISION	BY	DATE	APP	DATE
6					
5					
4					
3					
2	RET. 18" STORM DRAIN TO BE EXCAVATED. RET. WALL NOTE A REVISE RET. WALL ELEVATION	DJB	8-20-04	MBP	8-24-04
1		DJB	5-22-03	MBP	6-9-04

DESIGNED BY: AFD
DRAWN BY: AFD
CHECKED BY: AZ
PROJECT DATE: 4/15/03

LA VENTINA
CITY OF LAS VEGAS NEVADA

GRADING PLAN 1
UNIT 2

DEVELOPER
American Premiere Homes & Development
235 W. Brooks Ave. 2nd Floor
N. Las Vegas, NV 89030
(702) 399-6137 • (702) 399-6243 FAX

SEAL
ENGINEER-STATE OF NEVADA
DARREN M. BENCH
CIVIL
No. 10574
PROFESSIONAL

6280 S. Valley View Blvd
Suite 200
Las Vegas, NV 89118
Tel: (702) 368-3008
Fax: (702) 368-0047
CVL CONSULTANTS, INC.
ENGINEERING · PLANNING · LAND SURVEYING

SHEET
GP-1
6 OF 18

AGENCY DWG. NO.
107Y4796-2

68906 KZ 69997 72760