

Avoid cutting underground
utility lines. It's costly.

Call before
you Dig
1-800-227-2600

Call before
you Overhead
1-702-593-6111

MANHOLE SCHEDULE

M.H.#	I.D.	TYPE	STATION	OFFSET	N. INV. EL.	S. INV. EL.	W. INV. EL.	E. INV. EL.	COMMENTS
1	48"	STANDARD	35+97.32	10.00' LT		2469.20	2469.40		
2	48"	STANDARD	50+28.78	10.00' LT		2438.23		2438.23	

SHEET INDEX

SHEET #	SHEET	DESCRIPTION
1	C1	COVER SHEET
2	C2	VICINITY MAP, MANHOLE SCHEDULE ABBREVIATIONS & QUANTITIES SHEET
3	C3	GENERAL NOTES
4	S1	STREET PLAN AND PROFILE GRAND TETON DR. STA 10+00.00 TO 16+85.20
5	S2	STREET PLAN AND PROFILE GRAND TETON DR. STA 16+85.20 TO 25+00.00
6	S3	STREET PLAN AND PROFILE GRAND TETON DR. STA 25+00.00 TO 35+00.00
7	S4	STREET PLAN AND PROFILE GRAND TETON DR. STA 35+00.00 TO 45+00.00
8	S5	STREET PLAN AND PROFILE GRAND TETON DR. STA 45+00.00 TO 53+00.00
9	S6	STREET PLAN AND PROFILE JO MARCY DR. STA 15+00.00 TO 24+00.00
10	S7	STREET PLAN AND PROFILE JO MARCY DR. STA 24+00.00 TO 33+00.00
11	S8	STREET PLAN AND PROFILE JO MARCY DR. STA 33+00.00 TO 37+37.57
12	S9	STREET PLAN AND PROFILE QUAIL POINT DR. STA 10+00.00 TO 16+69.23
13	S10	STREET PLAN AND PROFILE CIMARRON ROAD STA 26+60.51 TO 32+00.00
14	S11	STREET PLAN AND PROFILE CIMARRON ROAD STA 32+00.00 TO 36+61.48
15	S12	STREET PLAN AND PROFILE PALM GROVE LN. STA 25+50.00 TO 31+50.00
16	S13	STREET PLAN AND PROFILE PALM GROVE LN. STA 31+50.00 TO 36+51.16
17	SS1	SANITARY SEWER PLAN AND PROFILE GRAND TETON DRIVE
18	ST1	SIGNAGE, STRIPING & STREETLIGHTING PLAN GRAND TETON DR. STA 10+00.00 TO 35+00.00
19	ST2	SIGNAGE, STRIPING & STREETLIGHTING PLAN GRAND TETON DR. STA 35+00.00 TO 50+38.37
20	ST3	SIGNAGE, STRIPING & STREETLIGHTING PLAN JO MARCY DR. STA 14+00.00 TO 36+74.14
21	ST4	SIGNAGE, STRIPING & STREETLIGHTING PLAN QUAIL POINT DR. & CIMARRON RD.
22	ST5	SIGNAGE, STRIPING & STREETLIGHTING PLAN PALM GROVE LN.
23	D1	DETAIL SHEET
24	D2	DETAIL SHEET

ABBREVIATIONS

ABANDON	ABANDONED	ABUTMENT	ACRE	ADJUSTING	ADJUSTMENT	ADJUSTMENT	ADJUSTMENT	ADJUSTMENT	ADJUSTMENT
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QUANTITY ESTIMATES

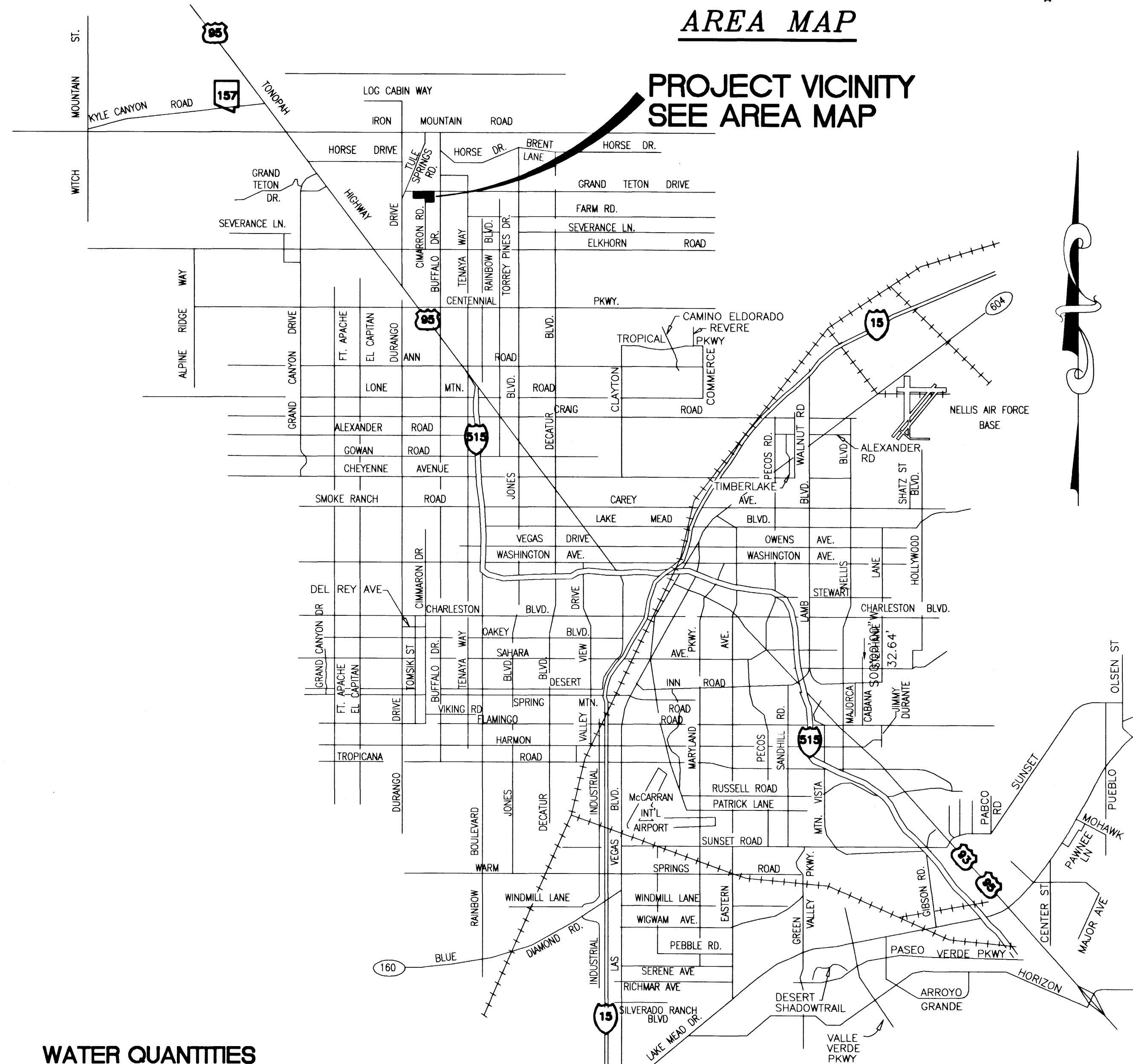
ITEM #	DESCRIPTION	UNIT	QUANTITY	PUBLIC	PRIVATE
2	8" SEWER	LF	151	YES	
3	12" SEWER	LF			
5	SEWER MANHOLES UNDER 6 FEET	EA	1	YES	
6	SEWER MANHOLES OVER 6 FEET	EA	1	YES	
7	SEWER MANHOLES ADJUSTMENTS	EA	8	YES	
9	8" WATER MAIN	LF	418	YES	
16	CURB & GUTTER (TYPE "L")	LF	7,564	YES	
17	VALLEY GUTTER (8' WD)	SF	7,058	YES	
19	5' SIDEWALK	SF	24,349	YES	
20	HANDICAP RAMP	EA	18	YES	
21	SIDEWALK UNDERDRAIN	EA	4	YES	
22	TYPE I GRAVEL BASE	CY			
23	TYPE II GRAVEL BASE	CY	11,639	YES	
24	2" ASPHALTIC CONCRETE PAVING	SY	3,910	YES	
25	3" ASPHALTIC CONCRETE PAVING	SY	7,684	YES	
26	4" ASPHALTIC CONCRETE PAVING	SY	25,546	YES	
27	5" ASPHALTIC CONCRETE PAVING	SY		YES	
30	PULLBOX	EA	21	YES	
31	STREETLIGHT (STANDARD BASE)	EA	42	YES	
32	STREETLIGHT (BREAKAWAY BASE)	EA			
33	SURVEY MONUMENTS	LS	11	YES	
34	FLOOD CONTROL	LS	19,600	YES	
	18" Storm Drain System				
36	MISC. TRENCHING	LF	5,330	YES	
37	STREET/STOP SIGNS	EA	3	YES	
38	2" WATER METER	EA	2	YES	
39	"L" TYPE ISLAND CURB	LF	4,186	YES	

WATER QUANTITIES

DESCRIPTION	UNIT	QUANTITY
12" X 12" X 8" TAPPING SLEEVE & VALVE	EA	1
8" X 8" MECH. JOINT TAPPING SLEEVE & VALVE	EA	2
8" D.I.P. WL	LF	418
16" STEEL CASING	LF	40
8" 45' BEND	EA	4
8" 22.5' BEND	EA	1
8" 90' BEND	EA	1
8" PVC WL	LF	619
8" GV	EA	2
2" COPPER WATER SERVICE	LF	2
2" IRR. WM	EA	2
2" RPPA	EA	2
6" GV	EA	2
6" PVC WL	LF	72
6" WL CAP	EA	1

AREA MAP

PROJECT VICINITY
SEE AREA MAP



DESIGNED BY: CB/CA
DRAWN BY: RS/OS
CHECKED BY: MV
PROJECT DATE: 08/99

NO. 6/3/4/3/2/1

QUAIL RUN AND THE WILLOWS
ELKHORN SPRINGS
CITY OF LAS VEGAS, NEVADA

PUBLIC INFRASTRUCTURE
VICINITY MAP
MANHOLE SCHEDULE,
ABBREVIATIONS AND QUANTITIES

CONCORDIA
DISTINCTIVE HOMES

STATE OF NEVADA
MICHAEL J. VALADOU
REGISTERED PROFESSIONAL ENGINEER
No. 12531

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Las Vegas, NV 89118
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Fax: (702) 368-0047

CONSULTANTS, INC.
ENGINEERING • PLANNING • LAND SURVEYING

SHEET
C2
2 OF 24

AGENCY DWG. NO.
104-4638-1-1

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT

DATE: 5/14/01