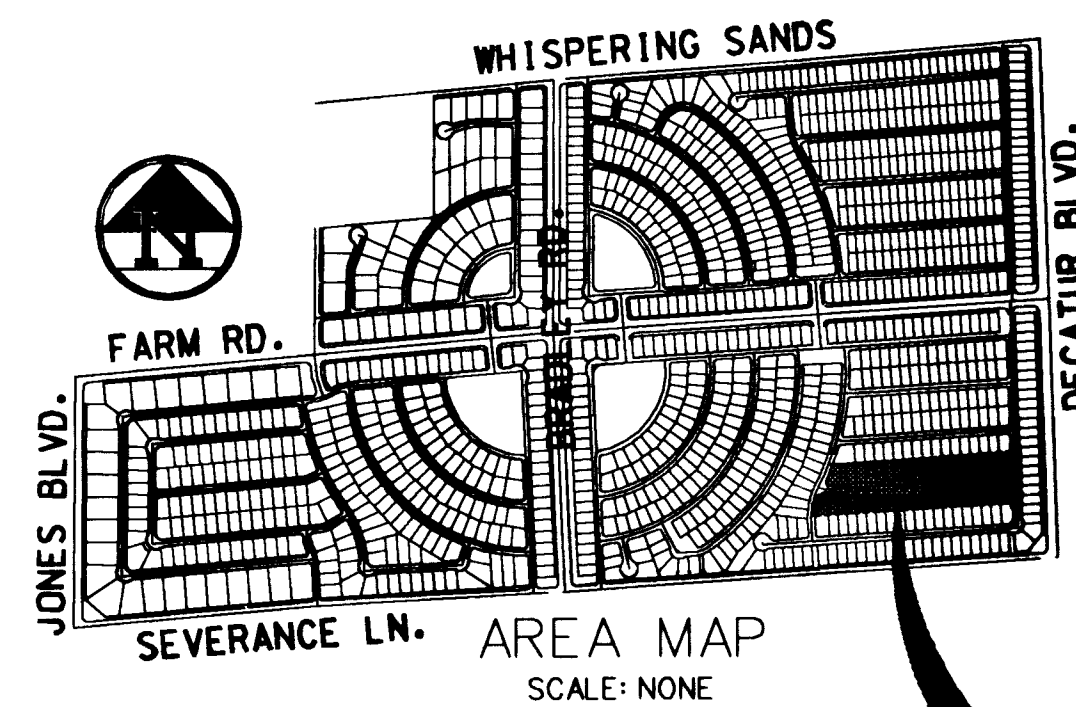


Avoid overhead power line contact. It's costly.

*Call before
you Overhead*

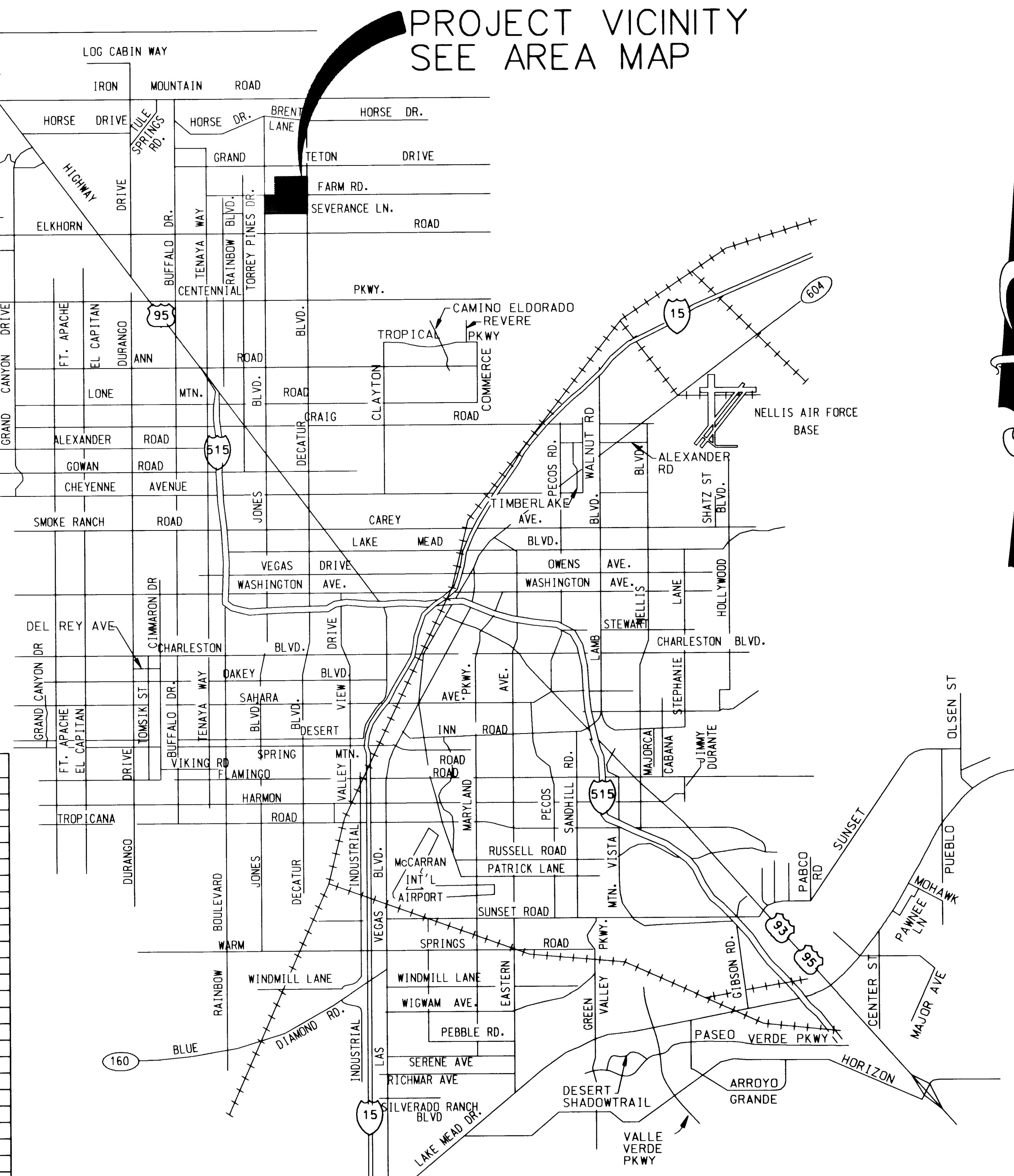
1-702-593-6111

M.H.*	I.D.	TYPE	STATION	OFFSET	N. INV. EL.	S. INV. EL.	W. INV. EL.	E. INV. EL.	COMMENTS
94	48"	STANDARD	10+86.23	5.00' LT				2316.35	
95	48"	STANDARD	14+46.23	5.00' RT			2314.19	2313.99	
96	48"	STANDARD	18+46.23	5.00' RT			2311.99	2311.79	



PROJECT SITE

QUANTITY ESTIMATES						
ITEM	*	DESCRIPTION	UNIT	QUANTITY	PUBLIC	PRIVATE
1		4" SEWER	LF	1067	YES	
2		8" SEWER	LF	910	YES	
3		12" SEWER	LF			
4		SEWER MANHOLES UNDER 6 FEET	EA		YES	
5		SEWER MANHOLES OVER 6 FEET	EA	3		
6		6" WATER MAIN	LF			
7		8" WATER MAIN	LF	1194	YES	
8		10" WATER MAIN	LF			
9		12" WATER MAIN	LF			
10		FIRE HYDRANT	EA	2	YES	
11		ROLL CURB & GUTTER	LF	2381		YES
12		8' WIDE VALLEY GUTTER	SF	609		YES
13		SIDEWALK 4"	SF	9525		YES
14		HANDICAP RAMP	EA	2		YES
15		SIDEWALK UNDERDRAIN	EA			
16		TYPE I GRAVEL BASE	CY			
17		TYPE II GRAVEL BASE	CY	1305		YES
18		2" ASPHALTIC CONCRETE PAVING	SY	3771		YES
19		3" ASPHALTIC CONCRETE PAVING	SY			
20		4" ASPHALTIC CONCRETE PAVING	SY			
21		PULLBOX	EA			
22		STREETLIGHT (STANDARD BASE)	EA			
23		SURVEY MONUMENTS	EA	2	YES	
24		STREET/STOP SIGNS	EA	1		
25		5/8" WATER METER	EA	37	YES	
26		5/8" WATER METER FOR FUTURE UNIT 7D LOTS 503-506	EA	4	YES	
27		INDIVIDUAL PRV	EA	38		YES
28		1" COPPER WATER LATERAL	EA	41	YES	
29		8" TEE	EA	1	YES	
30		8" X 8" X 6" TEE	EA	2	YES	
31		8" GATE VALVE	EA	1	YES	
32		8" X 6" REDUCER	EA			
33		8" 45° BEND	EA			
34		8" 22.5° BEND	EA			
35		8" 11.25° BEND	EA			



APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT DATE

A	-AT	GN	-GAS METER
AB	-ANODE, GAS	GR	-PRESSURE REGULATOR
ASBR	-ABANDON	GRUT	-GUTTER
ASBR	-ABBREVIATIONS	HOWL	-HEADWALL
ASBR	-ABANDONED	H.O.A.	-HOME OWNERS ASSOCIATION
ABUT.	-ABUTMENT	HORIZ.	-HORIZONTAL
AC	-ACH	HIGH	-HIGH
AC	-ASPHALTIC CONCRETE	ID	-INSIDE DIAMETER
ACP	-ASBESTOS CEMENT PIPE	IN	-INCH
AD	-ADDITION	INT	-INTERSECTION
ADJ.	-ADJUSTING	INV	-INVERT
AG	-AGGREGATE	ISL	-ISLAND
ATP	-ANCHORED IN PLACE	JOB	-JUNCTION BOX
AL	-ALTERNATE	JCT	-JUNCTION
APRD	-APPROVED	KN	-KNIFE
APPROX	-APPROXIMATE	JOINT	-JOINT
ASB	-ASBESTOS	LA	-LAP JUDGE
ASPH	-ASPHALT	LIN	-LINE
ASSN	-ASSOCIATION	LIN FT	-LINEAR FOOT
ASST	-ASSISTANT	LEN	-LENGTH OF CURB
AUX	-AUXILIARY	LV	-LEFT
B	-BENCH	LVWD	-LAS VEGAS VALLEY
B TO B	-BACK TO BACK	MAX	-MAXIMUM
BC	-BACK TO CURB	MAX	-MAXIMUM
BCPA	-BURNING COATED	MIN	-MINIMUM
BCPCHP	-PIPE ARCH, CULVERT	MON	-MONUMENT
	-LUMINOUS COATED &	N	-NORTH
	-PAVED CORRUGATED	NE	-NORTHEAST
BCPPA	-METAL PIPE CULVERT	N/O	-NOT TO SCALE
	-LUMINOUS COATED &	NTS	-NOT NEAREST
	-PAVED PIPE ARCH	OC	-ON CENTER
	-CULVERT	OD	-OUTSIDE DIAMETER
BCR	-BACK OF CURB RADIUS	OP	-OPEN DRAIN PAVEMENT
BORY LINE	-BOUNDARY LINE	OR	-ORIGINAL GROUND
BO	-BOILING	OS	-OUTSIDE
BLVD	-BOULEVARD	O TO O	-POWER
B	-BENCH MARK	PS	-PUSH BOX
BOT	-BOTTOM	PCC	-POINT OF COMPOUND
BS	-BACKSIGHT	PC	-PORTLAND CEMENT
BVC	-BEGINNING OF VERTICAL	PI	-CONCRETE
	-CURVE	PI	-POINT
C TO C	-CENTER TO CENTER	PL	-PROPERTY LINE
C&G	-CURB AND GUTTER	PL	-PLASTIC GAS
CCV	-CABLE TELEVISION	PLG	-POLY ROLF
CC	-CITY OF BOULDER CITY	PRC	-POINT OF REVERSE
CC	-CLARK COUNTY	PRO	-PROPOSED
CI	-CAST IRON	PVC	-POINT
CIP	-CAST IRON PIPE	PVT	-POINT OF TANGENCY
CL	-CENTER LINE	PW	-POLYVINYL CHLORIDE
CLV	-CITY OF LAS VEGAS	PWNT	-PAVEMENT
CM	-CITY OF MESQUITE	R	-RADIUS
CM	-CORRUGATED METAL PIPE	RCB	-REINFORCED CONCRETE
CMFA	-CORRUGATED METAL PIPE	RCB	-REINFORCED CONCRETE
	-ARCH	BOX	-BOX
CNLV	-CITY OF NORTH LAS		
	-VEGAS		
COL	-CITY OF HENDERSON	RCP	-REINFORCED CONCRETE
CON	-COLUMN	RD	-ROAD
C	-CONCRETE PIPE	REINF	-REINFORCED
COORD.	-COORDINATE	REIN	-REINFORCED
COORR. I	-CORRUGATED IRON	RDC	-RADIUS POINT
CR	-CROSS ROAD	RP	-RAILROAD
XSECT	-CROSS SECTION	RT	-RIGHT
CU	-CUBIC	R/S	-RIGHT OF WAY
CUDY-CY	-CUBIC YARD	S	-SOUTH
CULF, CF	-CUBIC FOOT	S&S	-STORM DRAIN
CU	-CULVERT	SE	-SOUTHEAST
DEG	-DEGREE	SHT	-STEEL HIGH PRESSURE
DEPT	-DEPARTMENT	SHT	-SHEET
DI	-DROP INLET	SIL	-STREET LIGHT
DIP	-DITCH	SIL	-SOUTH
DIA	-DIAMETER	SQ	-SQUARE
DRWY	-DRIVEWAY	SQ	-SQUARE FOOT
E	-EAST	SQ IN	-SQUARE INCH
EBS	-ELECTRIC	SQ MILE	-SQUARE MILE
E	-ELECTRIC PROTECTION	SQ YD	-SQUARE YARD
ECR	-END OF CURVE	SS	-SANITARY SEWER
ELEV	-ELEVATION	STD	-STANDARD
ELEV	-ELEVATION	STR	-STRUCTURAL OR
EMBK	-EMBANKMENT	STRUCT	-STRUCTURE
E/O	-EAST OF	SURV	-SURVEY
EP	-EDGE OF OIL	SIDE WALK	-SIDE WALK
EP	-EDGE OF PAVEMENT	SW	-SOUTHWEST
ESMT	-EASEMENT	T&A	-TO BE ADJUSTED
EST	-ESTIMATE	TBR	-TO BE REMOVED
E TO E	-END TO END	TC	-TOP OF CURB
ETS	-END OF PROTECTION	TEMP	-TEMPORARY
EVC	-END OF VERTICAL	TOP	-TOP OF POLE
	-CURVE	TOP	-TOP OF PIPE
EXC	-EXCAVATION	TMH	-TOP OF MANHOLE
EXC	-EXCAVATION	TS	-TRAFFIC SIGNAL
EXIST	-EXISTING	TSI	-TRAFFIC SIGNAL
EXT	-EXTENSION	INTERCONNECT	-INTERCONNECT
FA	-FIRE ALARM	TRANS	-TRANSITION
FG	-FINISH GRADE	TRANS	-TRANSITION
FF	-FINISH GRADE	UDACS	-UNIFORM DESIGN AND
FIG.	-FIGURE		-CONSTRUCTION STANDARDS FOR
FF	-FINISH GRADE		-WATER DISTRIBUTION SYSTEMS
FL	-FLOW LINE	UG	-UNDERGROUND
FL	-FLOW	VAL	-VALVE
FL	-FEET PER MINUTE	VC	-VERTICAL CURVE
FFPM	-FEET PER MINUTE	VIF	-VITRIFIED CLAY PIPE
FPS	-FEET PER SECOND	VERT	-VERTICAL
FT	-FEET OR FOOT	VGV	-VALLEY GUTTER
F TO F	-FACE TO FACE	WM	-WATER METER
GAL	-GALLON	W/O	-WEST OF
GALV	-GALVANIZED		
GALV	-GRADE BREAK		

SHEET	SHEET	DESCRIPTION
1	C1	COVER SHEET
2	C2	VICINITY MAP, MANHOLE SCHEDULE, ABBREVIATIONS AND QUANTITIES SHEET
3	C3	GENERAL NOTES SHEET
4	C4	UTILITY PLAN
5	G1	GRADING PLAN
6	SS1	SANITARY SEWER PLAN AND PROFILE RIVER SPLASH AVENUE STA. 10+55.56 TO STA. 20+31.58
7	D1	DETAIL SHEET

**CINITY MAP, MANHOLE
SCHEDULE, QUANTITIES
AND ABBREVIATIONS**

CITY MAP, MANHOLE SCHEDULE, QUANTITIES AND ABBREVIATIONS

DRAWN BY: _____
GA/ED/RS _____

DESIGNED BY: _____
CB/GA/ED/FT _____

SEAL



21601

SHEET
C2
2 OF 7 SHEETS

CLV DRAWING NO.
1074-4576-8c