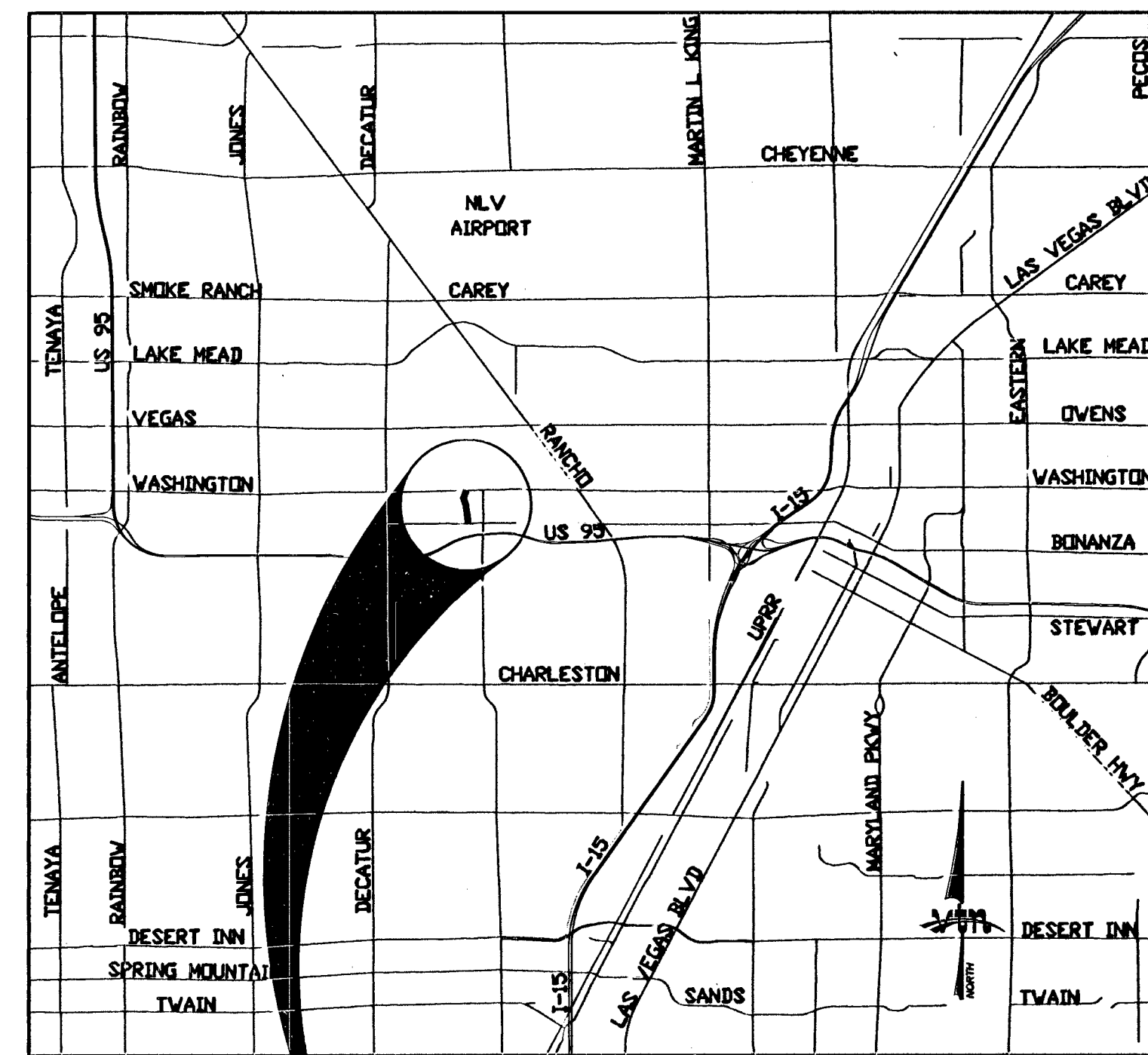


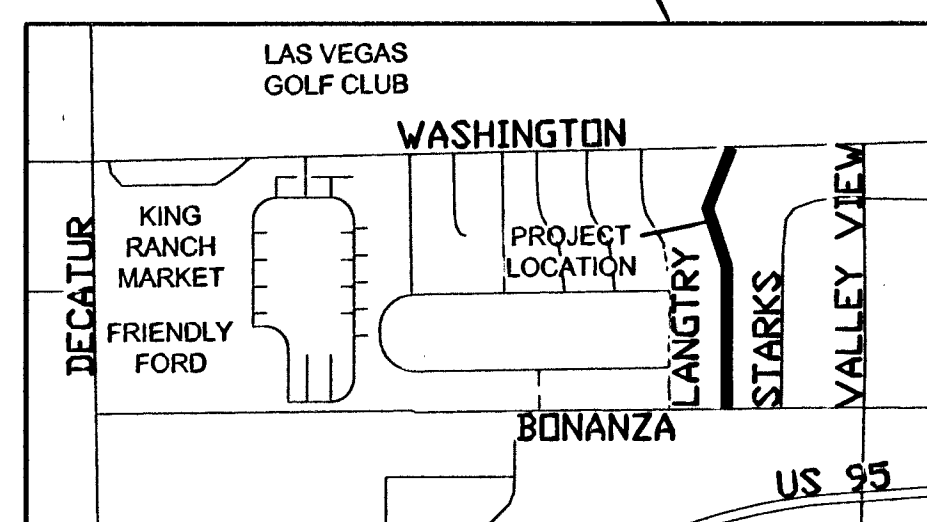
ABAN	ANODE, GAS	GALV	GALVANIZED	S	SEWER
ABAND	ABANDON	GB	GRADE BREAK	SD	STORM DRAIN
AC	ASPHALTIC CONCRETE	GI	GRADED INLET	SDMH	STORM DRAIN MANHOLE
ACP	ASBESTOS CEMENT PIPE	GM	GAS METER	SHT	SHEET
AGG	AGGREGATE	GUT	GUTTER	SLPB	STREETLIGHT PULL BOX
AIP	ABANDONED IN PLACE	GV	GAS VALVE	SNWA	SOUTHERN NEVADA WATER AUTHORITY
ALT	ALTERNATE			SNWS	SOUTHERN NEVADA WATER SYSTEM
ANG PT or AP	ANGLE POINT	HERCP	HORIZ ELLIPTICAL	SSMH	SANITARY SEWER MANHOLE
AVE	AVENUE		REINFORCED	SL or STLT	STREET LIGHT
			CONC PIPE	SS	SANITARY SEWER
BC	BACK OF CURB	HDWL	HEADWALL	SQ FT, SF	SQUARE FOOT
BC-BC	BACK OF CURB TO BACK OF CURB	HORIZ	HORIZONTAL	SQ YD, SY	SQUARE YARD
BCR	BEGIN CURB RETURN	HP	HIGH POINT	ST	STREET
BDRY LINE	BOUNDARY LINE	IE	INVERT ELEVATION	STA	STATION
BHDI	BEEHIVE DROP INLET	IN	INCH	STD	STANDARD
BLVD	BOULEVARD	INT	INTERSECTION	STRUCT	STRUCTURAL OR STRUCTURE
BM	BENCH MARK	INV	INVERT	SW	SIDEWALK
BO	BLOW-OFF	ISL	ISLAND	SWG	SOUTHWEST GAS
BSW	BACK OF SIDEWALK				
BVC	BEGINNING OF VERTICAL CURVE	L	LENGTH	TEL	TELEPHONE
BVCE	BEGINNING OF VERTICAL CURVE ELEVATION	LP	LOW POINT	TBC	TOP BACK OF CURB
BVCS	BEGINNING OF VERTICAL CURVE STATION	LPM	LIQUID PAINT MARKING	TBOX	TELEPHONE BOX
		LT	LEFT	TC	TOP OF CURB
		LVVWD	LAS VEGAS VALLEY	TEMP	TEMPORARY
			WATER DISTRICT	TCE	TEMPORARY CONSTRUCTION
CATV	CABLE TELEVISION				EASEMENT
CATVRSR	CABLE TELEVISION RISER			TFC	TOP FACE OF CURB
C-C	CENTER TO CENTER	MAX	MAXIMUM	TG	TOP OF GRATE
CC	CLARK COUNTY	MH	MANHOLE	TMH	TELEPHONE MANHOLE
CCSD	CLARK COUNTY SANITATION DISTRICT	MIN	MINIMUM	TOE	BOTTOM OF SLOPE
C or CL	CENTERLINE	MOD	MODIFIED	TOS	TOP OF SLAB
CF	CURB FACE			TPFC	TOP OF PAVEMENT
CIP	CAST IRON PIPE			TRANS	@ FACE OF CURVE
CLV	CITY OF LAS VEGAS	NG	NATURAL GROUND	TRSR	TRANSITION
CMP	CORRUGATED METAL PIPE	NO	NORTH OF	TS	TELEPHONE RISER
CMU	CONCRETE MASONRY UNIT	NTP	NOTICE TO PROCEED	TSI	TRAFFIC SIGNAL
CMAP	CORRUGATED METAL ARCHED PIPE	NTS	NOT TO SCALE	TSPB	TRAFFIC SIGNAL
CNLV	CITY OF NORTH LAS VEGAS			TRANS	PULL BOX
CO	CLEANOUT, SEWER	OC	ON CENTER	TVLT	TELEPHONE VAULT
COL	COLUMN	OG	OPEN GRADED PAVEMENT	TW	TOP OF WALL
COMM	COMMERCIAL	OH/CATV	OVERHEAD CABLE TELEVISION	TYP	TYPICAL
CONC, PCC	CONCRETE	OHE	OVERHEAD ELECTRIC	UG	UNDERGROUND
CONST	CONSTRUCTION or CONSTRUCT	OHT	OVERHEAD TELEPHONE	USD	UNIFORM STANDARD
COR	CORNER	OHU	OVERHEAD UTILITIES		DRAWING
C&G or C/G	CURB & GUTTER			VERT	VERTICAL
CULV	CULVERT	P	POWER	VC	VERTICAL CURVE
		PB	PULL BOX	VCP	VITRIFIED CLAY PIPE
DCSWCS	DESIGN AND CONSTRUCTION	PBS	PLANTMIX BITUMINOUS SURFACE	VG	VALLEY GUTTER
	STANDARDS FOR WASTE	PC	POINT OF CURVE		
	WATER COLLECTION SYSTEMS	PCC	POINT OF COMPOUND CURVE		
DEPT	DEPARTMENT	PCC, CONC	PORTLAND CEMENT CONCRETE		
DI	DROP INLET	PG	PROFILE GRADE		
DIA	DIAMETER	PI	POINT OF INTERSECTION		
DIP	DUCTILE IRON PIPE	PKWY	PARKWAY		
DWG	DRAWING	PL	PROPERTY LINE		
DWY	DRIVEWAY	PP	POWER POLE		
		POC	POINT ON CURVE		
E or ELEC	ELECTRIC	POT	POINT ON TANGENT		
EBOX	ELECTRIC BOX	PRC	POINT OF REVERSE CURVE		
EC	END OF CURB	PROP	PROPOSED		
ECR	END CURB RETURN	PT	POINT OF TANGENCY		
ELEV or EL	ELEVATION	PVI	POINT OF VERTICAL INTERSECTION		
EM	ELECTRIC METER	PVMT	PAVEMENT		
EMBK	EMBANKMENT				
EMTR	ELECTRIC METER	R	RADIUS		
EP	EDGE OF PAVEMENT	RC	REINFORCED CONCRETE		
ESMT	EASEMENT	RCB	REINFORCED CONCRETE BOX		
ETRAN	ELECTRIC TRANSFORMER	RCP	REINFORCED CONCRETE PIPE		
EVC	END OF VERTICAL CURVE	RCAP	REINFORCED CONCRETE		
EVCE	END OF VERTICAL CURVE ELEVATION		ARCHED PIPE		
EVCS	END OF VERTICAL CURVE STATION	RD	ROAD		
EVL	ELECTRIC VAULT	REINF	REINFORCED		
EXIST	EXISTING	RGRCP	RUBBER GASKETED REINFORCED		
EX BLDG	EXISTING BUILDING CORNER		CONCRETE PIPE		
EX FNC	EXISTING FENCE	RGHERCP	RUBBER GASKETED		
EX FNC-COR	EXISTING FENCE CORNER		HORIZONTAL ELLIPTICAL		
EX LS	EXISTING LANDSCAPE		REINFORCED CONCRETE PIPE		
EX TO-AP	TOP OF CURB - ANGLE POINT	RGVERCP	RUBBER GASKETED		
			VERTICAL ELLIPTICAL		
F.A.S.T.	FREEWAY AND ARTERIAL SYSTEM		REINFORCED CONCRETE PIPE		
	OF TRANSPORTATION	RP	RADIUS POINT		
FA	FIRE ALARM	RT	RIGHT		
FC	FACE OF CURB	RTN	RETURN		
FF	FINISH FLOOR	RW OR R.O.W.	RIGHT-OF-WAY		
FG	FINISH GRADE	RWDS	RECLAIMED WATER		
F					

	EXISTING CURB & GUTTER
	EXISTING EDGE OF PAVEMENT
	EXISTING RIGHT-OF-WAY
CATV	EXISTING CABLE TELEVISION LINE(S)
OHU	EXISTING OVERHEAD ELECTRIC & CABLE TELEVISION(S)
4" G	EXISTING GAS LINE (SIZE VARIES)
12" SS	EXISTING SEWER LINE (SIZE VARIES)
8" W	EXISTING WATER LINE (SIZE VARIES)
T	EXISTING TELEPHONE CABLE/CONDUIT(S)
18" SD	EXISTING STORM DRAIN (SIZE VARIES)
TRAF	EXISTING TRAFFIC SIGNAL WIRE AND/OR CONDUIT
OHE	EXISTING OVERHEAD ELECTRIC LINE(S)
UGE	EXISTING UNDERGROUND ELECTRIC LINE(S)
	EXISTING FENCE LINE
	EXISTING BLOCK WALL
WM	EXISTING WATER METER
	EXISTING VALVE
FH	EXISTING FIRE HYDRANT
	EXISTING MANHOLE
	EXISTING POLE w/ GUY WIRE AND ANCHOR
OR OR	EXISTING STREET SIGN
	EXISTING STREET LIGHT
	EXISTING POLE LIGHT
	EXISTING PULL BOX
	EXISTING UTILITY VAULT OR CABINET
	EXISTING TRAFFIC CONTROL SERVICE PEDESTAL
	EXISTING SIDEWALK RAMP
	NEW CURB & GUTTER
	NEW EDGE OF PAVEMENT
	NEW FENCE LINE
	NEW STORM DRAIN
	NEW DROP INLET
	NEW WATER METER
	NEW VALVE
	NEW FIRE HYDRANT
OR	NEW STREET SIGN
OR	NEW STREET LIGHT
	NEW POLE LIGHT
	NEW PULL BOX
	NEW UTILITY VAULT OR CABINET
	NEW TRAFFIC CONTROL SERVICE PEDESTAL
	NEW SIDEWALK RAMP
	NEW MANHOLE

1	I1	TITLE / COVER SHEET AND APPROVALS
2	I2	VICINITY MAP, LEGEND, DRAWING INDEX & ABBREVIATIONS
3	I3	GENERAL NOTES
4	SC1	SURVEY CONTROL PLAN
5-6	XS1 - XS2	TYPICAL SECTIONS
7-10	CH1 - CH4	CHANNEL CONSTRUCTION PLANS
11-14	PR1 - PR4	CHANNEL PROFILES
15-18	D1 - D4	DETAILS
19-25	S1 - S7	STRUCTURAL PLANS & DETAILS



VICINITY MAP
NO SCALE



PROJECT LOCATION
NO SCALE

APPROVED FOR CONSTRUCTION
3RD NOACS
Don-Heads
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 01/08/10 PROJECT NO: 115868 ESN018

AVOID OVERHEAD POWER LINE CONTACT
IT'S COSTLY

**Call
before you
Overhead**

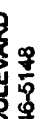
1-702-227-2929

NY ENERGY ENVIRONMENT AND
CLIMATE

Call before you Dig
Avoid cutting underground
utility lines. It's costly.

**Call
811**

Call 811 to get the location of underground utility lines. Call 811 to get the location of underground utility lines. Call 811 to get the location of underground utility lines.



PUBLIC WORKS DEPARTMENT

400 E. STEWART AVE.
LAS VEGAS, NV 89101
702-228-6872



2727 SOUTH HANSON BOULEVARD
LAS VEGAS, NV 89169-1146
PH: (702) 872-7650
FAX: (702) 872-2887
WEB SITE: WWW.VTNNV.COM

**VICINITY MAP, LEGEND,
DRAWING INDEX & ABBREVIATIONS**

**LAS VEGAS CREEK LATERAL
LANGTRY CHANNEL**

**LAS VEGAS CREEK LATERAL
LANGTRY CHANNEL**

DRAWN BY:		08/2010
LB		
DESIGNED BY:		08/2010
TM		
CHECKED BY:		08/2010
NG		
PROJECT NO:		HORIZ SCALE
221		VERT. NONE

SHEET
12
2 OF 26 SHEETS
DRAWING NO.
327V287

:\7221\Engineering Drawings\Production Plans\7221-GENNOTES-I2.dwgjenniforb; Aug 31, 2010 - 8:40am