

SCALE: NONE

CITY OF NORTH LAS VEGAS
VERTICAL CONTROL

NORTH AMERICAN VERTICAL
DATUM OF 1988

BENCHMARK BOOK



REVISED JUNE 30, 2015

~~REVISED DECEMBER 1, 2013~~

FOR LATEST REVISIONS
SEE SHEET 4 OF 71

SURVEY DIVISION
DEPARTMENT OF PUBLIC WORKS

City of North Las Vegas Benchmark Book Disclaimer

END USER UNDERSTANDS AND AGREES THAT:

This 2006 Benchmark Book supersedes the August 1, 1997 Benchmark Book.
(Last update for this Benchmark Book was issued December, 2013)

This updated Benchmark Book is the result of the combined efforts of the Clark County, City of Las Vegas, City of Henderson and the City of North Las Vegas Surveyors' offices. The primary vertical control network was established from using unilaterally recognized and common stable benchmarks, in bedrock at the four (4) corners of the Las Vegas Valley. Benchmark Elevations published herein are based on this network.

The 2006 Benchmark network was adjusted and constrained to the same elevations published by the National Geodetic Survey, NGS, used for the 2003 Clark County Benchmark Book.

The results of this primary vertical control network indicate that the entire Las Vegas Valley, to some degree, has experienced vertical displacement and therefore should be considered vertically active.

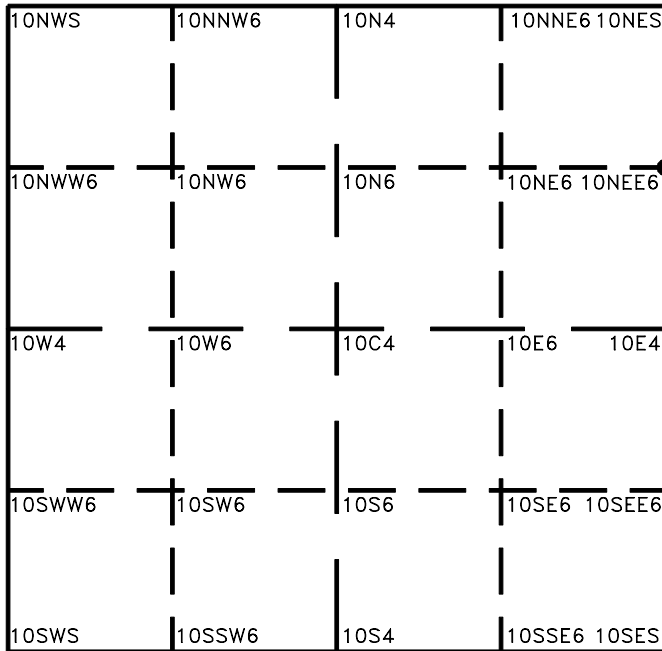
In order to help identify subsidence in localized areas and to reduce, or eliminate human and computer error, the only effective use of this data for any project, must include checking into multiple benchmarks in the network. Any property documented discrepancies between benchmark elevations as published herein, should be reported to the North Las Vegas City Surveyor's office as soon as possible.

Commencing with this publication, Northing and Easting coordinates based upon the "Nevada Coordinate System of 1983, East Zone" as defined by the Nevada Revised Statutes Chapter 327 are provided for each benchmark location as an aid to locate and verify the proper benchmark is being utilized. Coordinates shown for each benchmark are approximate and must not be used as a basis for any horizontal survey control purposes.

Where possible, benchmarks have been placed within public rights-of-way. The City of North Las Vegas does not grant or authorize access to benchmarks across public lands and/or privately owned or controlled property. It is the responsibility of the consultant performing the work to acquire proper access to any benchmark across these properties.

Additions and periodic updates, utilizing the 2006 adjustment, will be published via the Internet. This office advises all users to check for revisions and/or updates prior to commencing work on any project.

NORTH AMERICAN VERTICAL DATUM OF 88 BENCHMARK ANNOTATIONS



TYPICAL
BENCHMARK
ANNOTATIONS
After July 1, 1996

FOR A NORTH LAS VEGAS
BENCHMARK LYING WITHIN
TOWNSHIP 19 SOUTH, RANGE 61
EAST, SECTION 10, IN THE PROXIMITY OF
THE N1/16 OF
SECTION 10|11



The physical characteristics of Clark County, City of Las Vegas and previously existing North Las Vegas monuments may be different, refer to the Benchmark descriptions for individual Benchmark characteristics.

NOTES:

- 1) Benchmark will always be located within the Section designated by the Benchmark number.
- 2) All points are located from the Center Quarter by direction locators and designators.
 - A) Direction locators are used as appropriate to the position designator (N-North, E-East, S-South, W-West, C-Center) using North and South directions first.
 - B) Position designator for proximity use. (S-Section Corners, 4-Quarter Corners, 6-Sixteenth Corners)

EXAMPLES:

- 1) 9110NES =
Proximity of the Northeast Section Corner of Section 10, Township 19 South, Range 61 East.
- 2) 9110N4 =
Proximity of the North Quarter Corner of Section 10, Township 19 South, Range 61 East.
- 3) 9110NEE6 =
Proximity of the North Sixteenth Corner of Section 10 and 11, (one aliquot sixteenth north and two sixteenths east) Township 19 South, Range 61 East.

Designates last number of Township -----	9
Designates last number of Range -----	1
Designates Section -----	10
Direction locators from	N
Center Quarter -----	E
(See Note 2A)	E
Position designator (See Note 2B) -----	6


City of North Las Vegas
Corporate Boundary

	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
	DEPARTMENT OF PUBLIC WORKS SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	CONVERSION FACTOR METERS X (3937 ÷ 1200) = US SURVEY FOOT
	NORTH AMERICAN VERTICAL DATUM 1988	

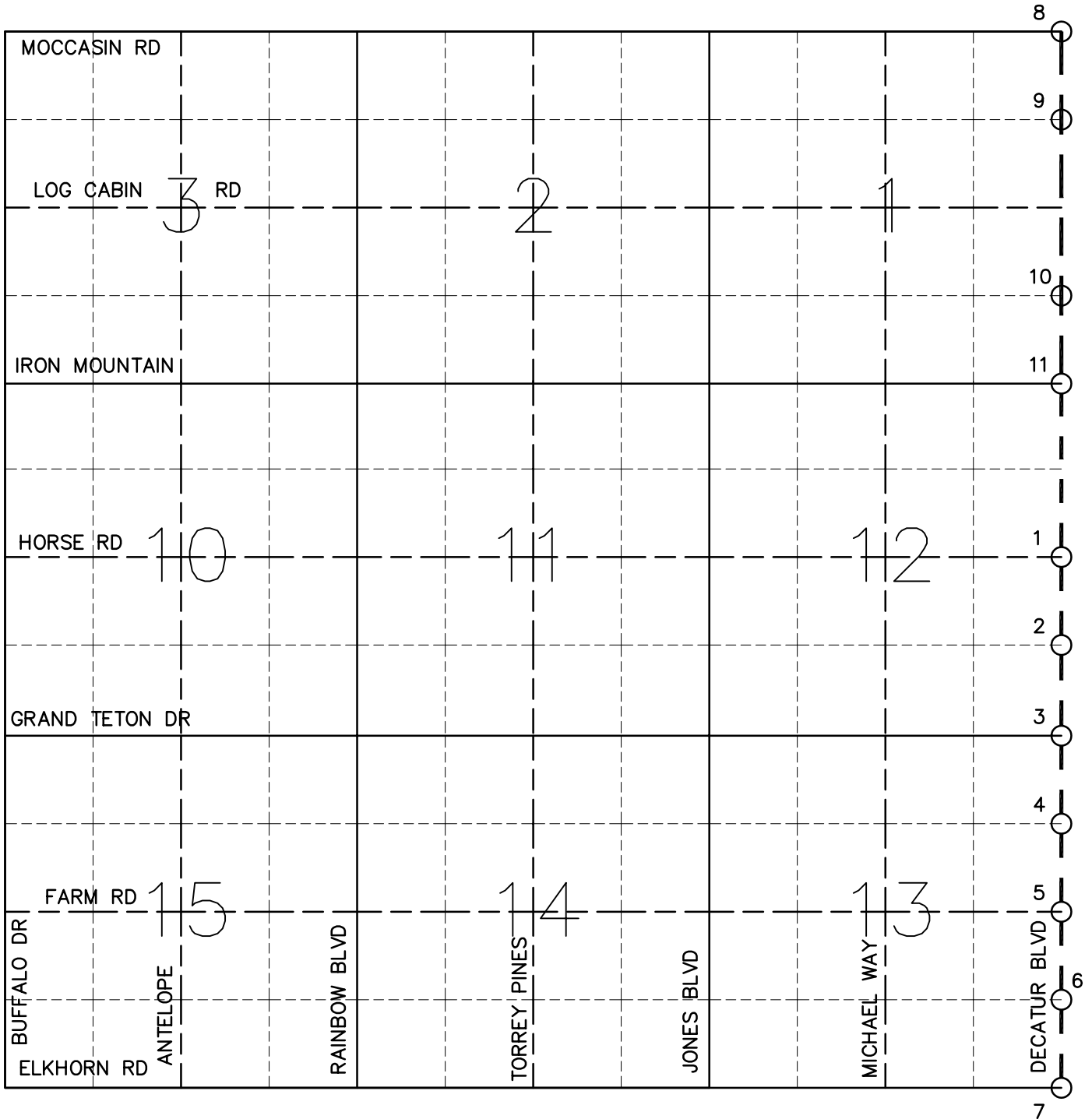
CITY OF NORTH LAS VEGAS
BENCHMARK BOOK REVISION PAGE

Revision Date 6/30/2015

LOCATION	REVISED	LOCATION	REVISED
T19S R60E	NE	T20S R60E	NE
	SE		SE
	SW		SW
	NW		NW
T19S R61E	NE	T20S R61E	NE 8/1/2008
	SE 6/30/2015		SE 12/1/2013
	SW 6/1/2009		SW 12/1/2013
	NW		NW 12/1/2013
T19S R62E	NE	T20S R62E	NE
	SE 3/3/2013		SE
	SW 11/1/2007		SW
	NW		NW
T19S R63E	NE		
	SE		
	SW		
	NW		

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**TOWNSHIP 19 SOUTH RANGE 60 EAST
NORTHEAST QUARTER**




CITY OF NORTH LAS VEGAS VERTICAL CONTROL
DEPARTMENT OF PUBLIC WORKS
SURVEY DIVISION
 50 EAST BROOKS AVENUE
 NORTH LAS VEGAS, NEVADA 89030

CONVERSION FACTOR
 METERS X (3937 / 1200) = US SURVEY FOOT
 NORTH AMERICAN VERTICAL DATUM OF 1988

TOWNSHIP 19 SOUTH, RANGE 60 EAST
NORTHEAST QUARTER

Revision Date 11/1/2006


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	5LV9012E4	712.648	8173490 233772	Rivet and 2" round aluminum disk, stamped City of Las Vegas Benchmark 5LV9012E4, set in the top of curb, located approx. 3.5 feet south of the southwest south bcr at the intersection of Horse Dr. and Decatur Blvd.
2	5LV9012SEE6	712.065	8173089 233772	Rivet and 2" round aluminum disk, stamped City of Las Vegas Benchmark 5LV9012SEE6, set in the top of curb, located approx. 3 feet south of the southwest south bcr at the intersection of Indian Arrow Ave. and Decatur Blvd.
3	5LV9013NES	710.829	8172680 233767	Rivet and 2" round aluminum disk, stamped City of Las Vegas Benchmark 5LV9013NES, located on the east corner of a power pole footing at the southwest corner of the intersection of Grand Teton Dr. and Decatur Blvd.
4	5LV9013NEE6	709.478	8172310 233781	Rivet and 2" round aluminum disk, stamped City of Las Vegas Benchmark 5LV9013NEE6, set in the top of curb, located approx. 12 feet north of the northwest north bcr at the intersection of Whispering Sands Dr. and Decatur Blvd.
5	0LV9013E4	707.528	8171857 233794	Rivet and 2" round aluminum disk, stamped City of Las Vegas BM No. 0LV9013E4, set in the top of curb, located near the southwest south bcr at the intersection of Farm Rd. and Decatur Blvd.
6	0LV9013SEE6	706.013	8171481 233805	Rivet and 2" round aluminum disk, stamped City of Las Vegas BM No. 0LV9013SEE6, set in the top of curb, located near the northwest north bcr at the intersection of Severance Ln. and Decatur Blvd.
7	5LV9013SES	704.398	8171080 233816	Rivet and 2" round aluminum disk, stamped City of Las Vegas Benchmark 5LV9013SES, set in the top of curb, located near the northwest north bcr at the intersection of Elkhorn Rd. and Decatur Blvd.
8	1LV901NES	735.892	8175940 233786	BLM Brass cap at the intersection of Moccasin Rd. and Decatur Ave.
9	0LV901NEE6	722.261	8175502 233772	Rivet and 2" round aluminum disk, stamped City of Las Vegas BM No. 0LV901NEE6, set 0.5' diameter concrete cylinder located approx. 4.5' east of power pole X818.
10	5LV901SEE6	717.492	8174710 233751	Rivet and 2" round aluminum disk, stamped City of Las Vegas Benchmark 5LV901SEE6, set in the top of curb, located approx. 1.5' north of and approx. 12' west of the northeast corner of the block wall of a substation.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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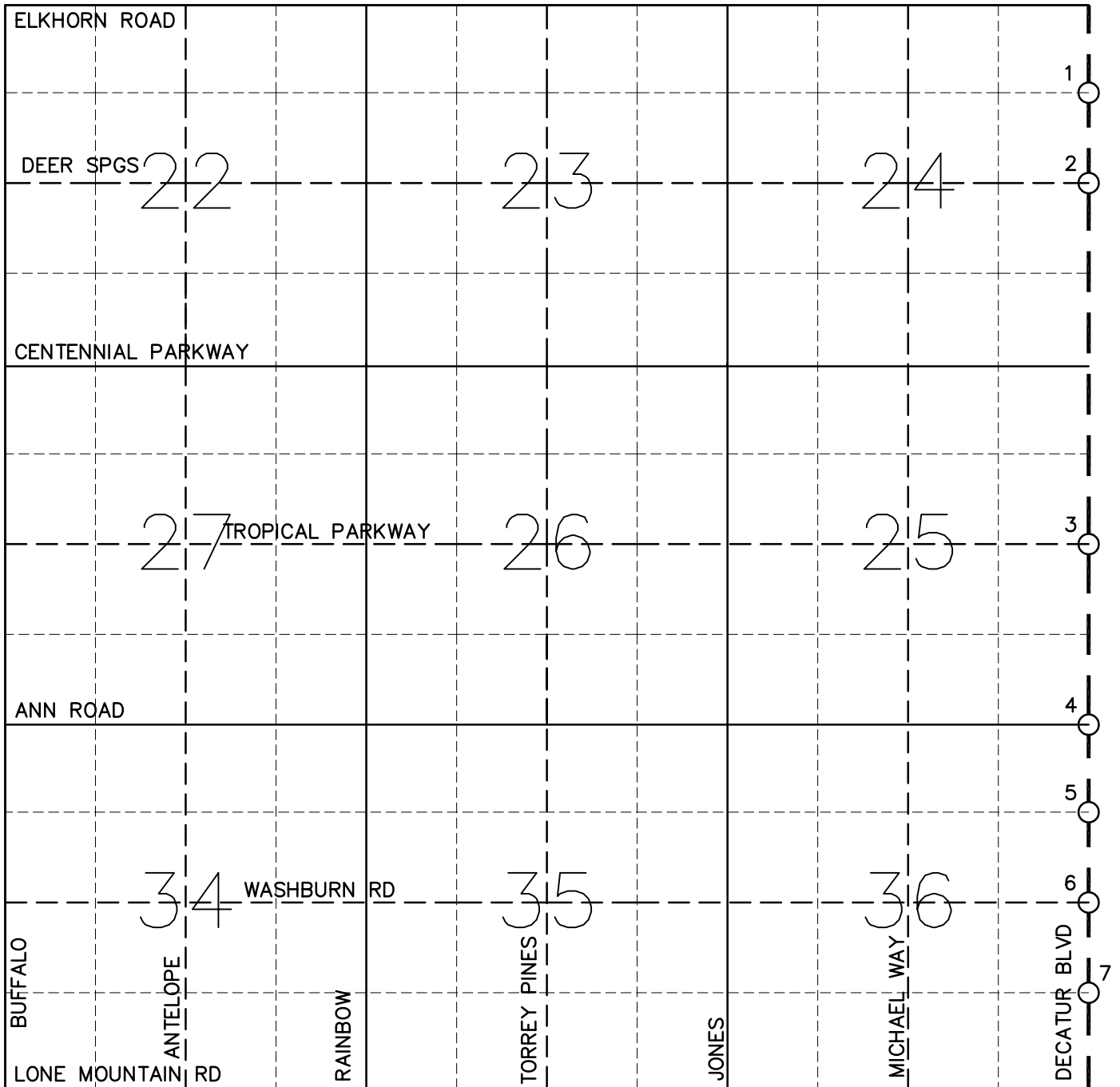
TOWNSHIP 19 SOUTH, RANGE 60 EAST
NORTHEAST QUARTER


Revision Date 11/1/2006

NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
11	5LV9012NES	715.817	8174289 233771	Rivet and 2" round aluminum disk, stamped City of Las Vegas Benchmark 5LV9012NES, set in the top of curb, located near the southwest south bcr at the intersection of Iron Mountain Rd. and Decatur Blvd.

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**TOWNSHIP 19 SOUTH RANGE 60 EAST
SOUTHEAST QUARTER**




 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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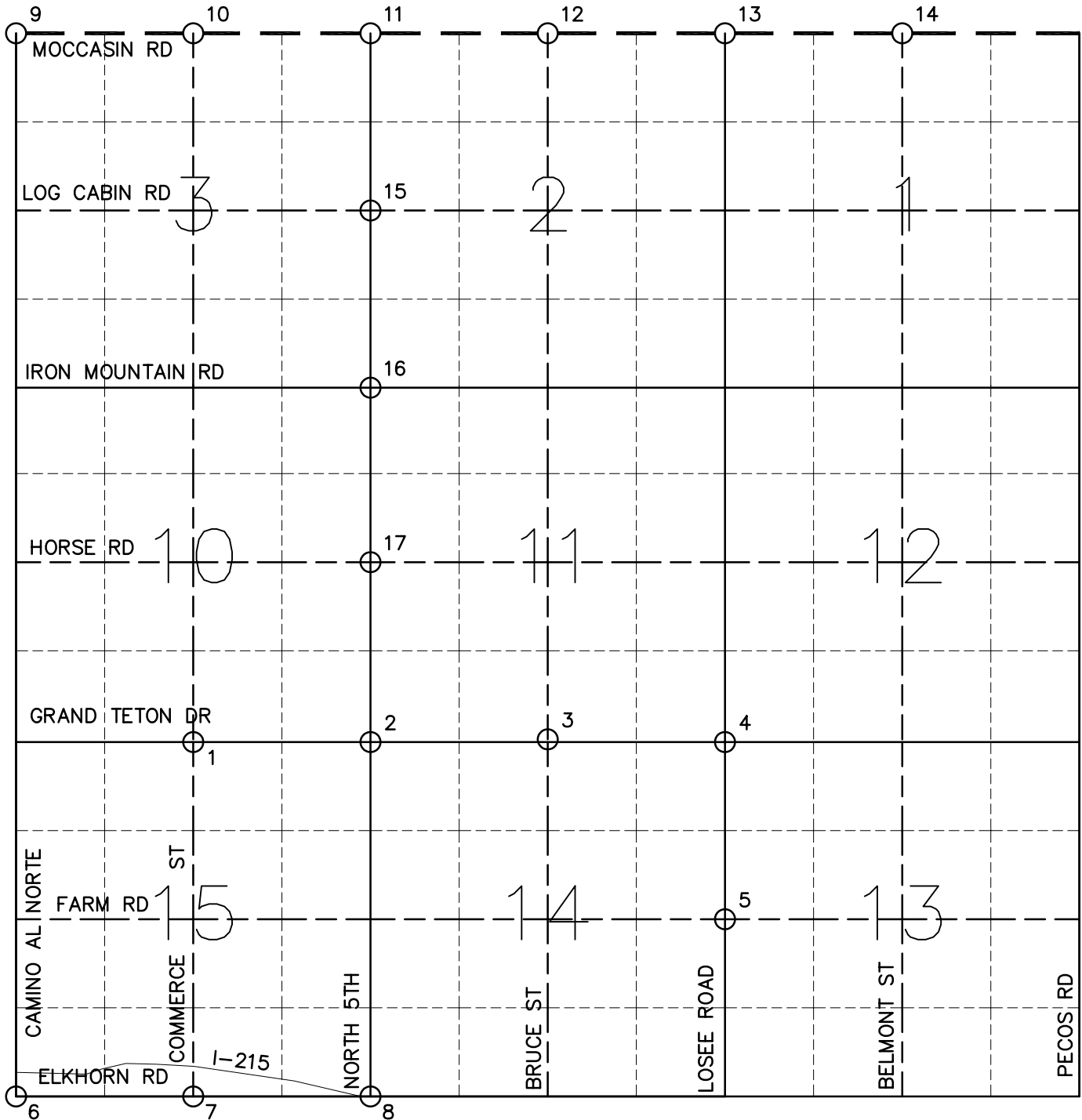
TOWNSHIP 19 SOUTH, RANGE 60 EAST
SOUTHEAST QUARTER

Revision Date 11/1/2006

NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	5LV9024NEE6	702.415	8170615 233823	Rivet and 2" round aluminum disk, stamped City of Las Vegas Benchmark 5LV9024NEE6, set in the top of curb, located approx. 13 feet south of the southwest south bcr at the intersection of Dorrell Ln. and Decatur Blvd.
2	5LV9024E4	701.213	8170248 233823	Rivet and 2" round aluminum disk, stamped City of Las Vegas Benchmark 5LV9024E4, set in the top of curb, located approx. 10 feet north of the northwest north bcr at the intersection of Deer Springs Way and Decatur Blvd.
3	NLV9025E4	693.661	8168554 233810	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9025E4, set in the top of curb, located approx. 18 feet south of the southwest south bcr at the intersection of Tropical Pkwy. and Decatur Blvd.
4	NLV9036NES	681.029	8167728 233783	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9036NES, set in the top of curb, located approx. 23 feet south of the southwest south bcr at the intersection of Ann Rd. and Decatur Blvd.
5	1LV9036NEE6	678	8167321 233775	Rivet and square aluminum plate, stamped City of Las Vegas BM No. 1LV9036NEE6, set in the top of curb, located on the west side of Decatur Blvd. approx. 50 feet west and 100 feet south of the intersection of Hammer Ln. and Decatur Blvd.
6	1LV9036E4	676.726	8166977 233768	Rivet and square aluminum plate, stamped City of Las Vegas BM No. 1LV9036E4, set in the top of curb, located on the west side of Decatur Blvd. approx. 50 feet west and 150 feet north of the intersection of Washburn Rd. and Decatur Blvd.
7	1LV9036SEE6	675.287	8166598 233761	Rivet and square aluminum plate, stamped City of Las Vegas BM No. 1LV9036SEE6, set in the top of curb, located on the west side of Decatur Blvd. approx. 50 feet west and 250 feet north of the intersection of La Madre Way and Decatur Blvd.

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**TOWNSHIP 19 SOUTH RANGE 61 EAST
NORTHEAST QUARTER**




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SURVEY DIVISION	METERS X (3937 / 1200) = US SURVEY FOOT
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TOWNSHIP 19 SOUTH, RANGE 61 EAST
NORTHEAST QUARTER

Revision Date 11/1/2006


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	515141	662.861	8172690 239525	1' Diameter concrete monument approx. 50.0 feet South and 85.0 feet East of the North quarter corner of Section 15-19-61, 10.0 feet East of power pole #2/3/4, tag missing.
2	515140	668.953	8172678 240202	1' Diameter concrete monument 52.0 feet South and 382.0 feet West of the Northeast corner of Section 15-19-61, 10.0 feet East of power pole #2/3/1.
3	514139	673.79	8172668 241120	1' Diameter concrete monument 52.0 feet South and 45.0 feet East of the North quarter corner of Section 14-19-61, 10.0 feet West of power pole #2/1/8.
4	513138	676.053	8172660 241917	1' Diameter concrete monument 52.0 feet South and 80.0 feet East of the Northwest corner of Section 13-19-61, 11.0 feet West of power pole #2/1/8.
5	514115	657.363	8171877 241885	1' Diameter concrete monument 41.0 feet North and 46.7 feet West of the East quarter corner of Section 14-19-61.
6	NLV9115SWS	667.393	8171129 238676	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9115SWS, set in 1' diameter concrete cylinder located approx. 100 feet east and 150 feet north of the southwest sectional corner of S15 T19S R61E.
7	NLV9115S4	653.046	8171173 239582	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9115S4, set in 1' diameter concrete cylinder located within the Beltway R.O.W. approx. 200 feet south of the Beltway and 1.5 miles west of Losee Rd.
8	NLV9115SES	642.317	8170955 240516	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9115SES, set in 1' diameter concrete cylinder located within the Beltway R.O.W. approx. 200 feet south of the Beltway and 1.0 miles west of Losee Rd.
9	NLV913NWS	789.747	8175911 238645	BLM Brass Cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV913NWS, at the intersection of Moccasin Rd. and Camino Al Norte.
10	NLV913N4	791.663	8175911 239446	BLM Brass Cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV913N4, at the intersection of Moccasin Rd. and Commerce St.
11	NLV912NWS	783.3	8175910 240254	BLM Brass Cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV912NWS, at the intersection of Moccasin Rd. and N. 5th St.

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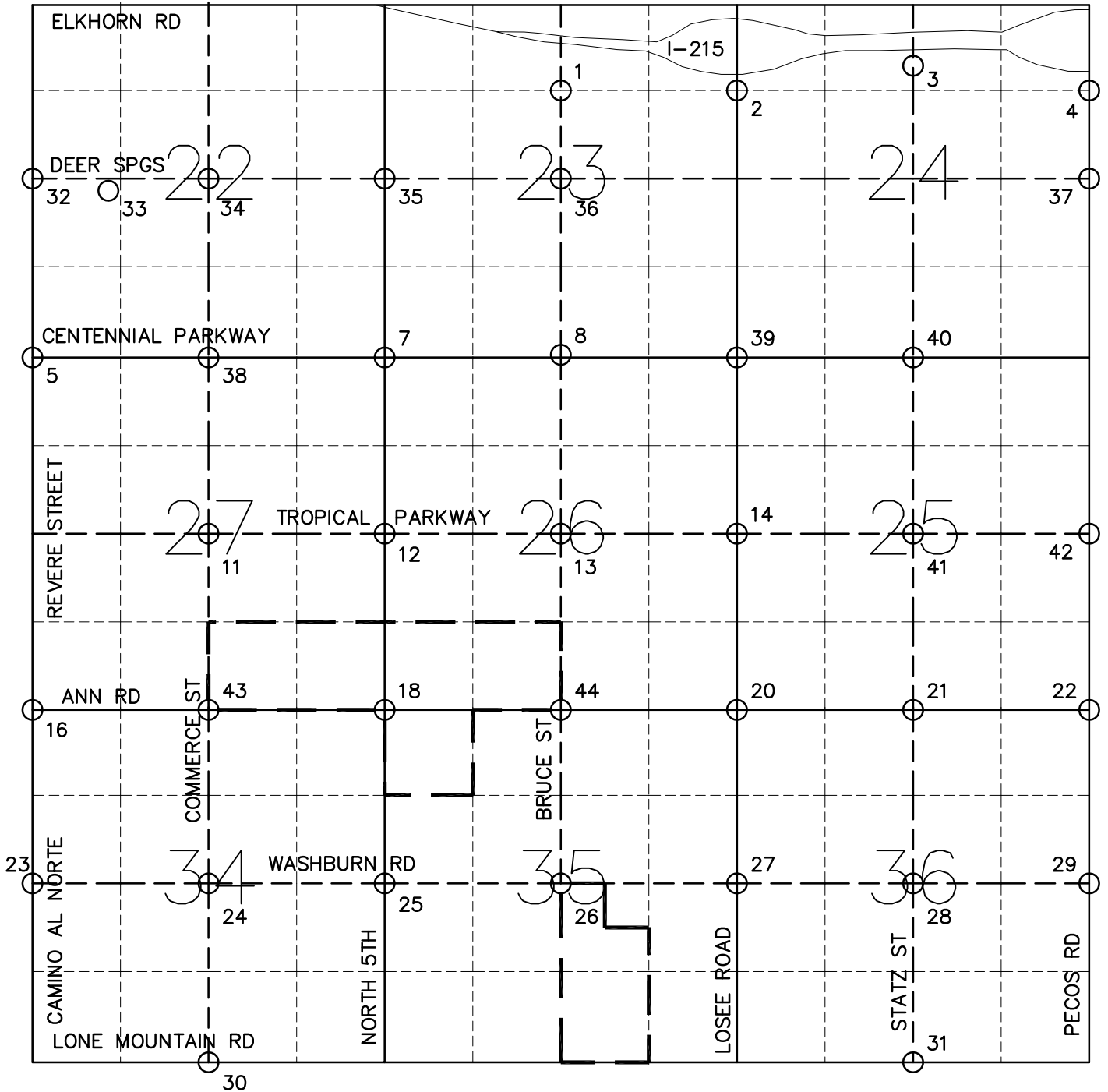
TOWNSHIP 19 SOUTH, RANGE 61 EAST
NORTHEAST QUARTER

Revision Date 11/1/2006

NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
12	NLV912N4	771.533	8175910 241062	BLM Brass Cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV912N4, at the intersection of Moccasin Rd. and Bruce St.
13	NLV911NWS	770.149	8175909 241870	BLM Brass Cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV911NWS, at the intersection of Moccasin Rd. and Losee Rd.
14	NLV911N4	798.501	8175976 242701	Dept. of the Interior Brass Cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV911N4, at the intersection of Moccasin Rd. and Belmont St.
15	NLV912W4	744.271	8175127 240276	BLM Brass Cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV912W4, at the intersection of Log Cabin Rd. and N. 5th St.
16	NLV9111NWS	711.307	8174337 240298	BLM Brass Cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV9111NWS, at the intersection of Iron Mountain Rd. and N. 5th St.
17	NLV9111W4	687.915	8173515 240309	BLM Brass Cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV9111W4, at the intersection of Horse Rd. and N. 5th St.

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**TOWNSHIP 19 SOUTH RANGE 61 EAST
SOUTHEAST QUARTER**




CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	NORTH AMERICAN VERTICAL DATUM OF 1988

TOWNSHIP 19 SOUTH, RANGE 61 EAST
SOUTHEAST QUARTER

Revision Date 12/1/2013


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	NLV9123N6	640.742	8170862 241054	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9123N6, set in 1.5' diameter concrete cylinder located within the Beltway R.O.W. approx 150 feet south of the Beltway and 0.5 miles west of Losee Rd.
2	NLV9123NEE6	636.736	8170730 241857	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9123NEE6, set in 1' diameter concrete cylinder located approx. 100 feet south of the Beltway and 100 feet west of Losee Rd. next to a chain link fence.
3	NLV9124N6	638.177	8170875 242661	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9124N6, in the top of a headwall within the Beltway R.O.W. approx. 30 feet south of the Beltway and 0.5 miles east of Losee Rd.
4	NLV9124NEE6	635.435	8170755 243516	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9124NEE6, set in 1' diameter concrete cylinder located approx. 200 feet south of the Beltway and 50 feet west of Pecos Rd. at the toe of a slope.
5	NLV9122SWS	642.652	8169464 238677	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9122SWS, set in the top of curb, located approx. 15 feet east of the northeast east bcr at the intersection of Centennial Pkwy. and Revere St.
6				Destroyed 2007
7	NLV9127NES	625.097	8169408 240224	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9127NES, located in the northwesterly corner of a electrical transformer pad approx. 250 feet west of the centerline of N. 5th St. and 30 feet south of the centerline of Centennial Pkwy.
8	NLV9126N4	622.392	8169413 241115	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9126N4, set in the top of curb, located approx. 15 feet east of the southeast east bcr at the intersection of Centennial Pkwy. and Bruce St.
9				Destroyed 2007
10				Destroyed 2007
11	NLV9127C4	628.271	8168592 239433	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9127C4, set in the top of curb, located approx. 25 feet west of the southwest west bcr at the intersection of Tropical Pkwy. and Commerce St.
12	NLV9126W4	621.043	8168582 240323	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9126W4, set in the top of curb, located approx. 9 feet east of the southeast east bcr at the intersection of Tropical Pkwy and N. 5th St.

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TOWNSHIP 19 SOUTH, RANGE 61 EAST
SOUTHEAST QUARTER

Revision Date 12/1/2013


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
13	NLV9126C4	614.347	8168613 241123	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9126C4, set in the top of curb, located approx. 15 feet east of the northeast east bcr at the intersection of Tropical Pkwy. and Bruce St.
14	NLV9126E4	614.835	8168630 241879	Rivet and 2" round aluminum disk, stamped North of Las Vegas BM No. NLV9126E4, located on a power pole footing approx. 100 feet west and 100 feet north of the intersection of Tropical Pkwy. and Losee Rd.
15				Destroyed 2007
16	NLV9127SWS	635.898	8167815 238625	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9127SWS, set in the top of curb, located approx. 150 feet east of the northeast east bcr at the intersection of Ann Rd. and Revere St.
17				Destroyed 2013
18	NLV9127SES	617.535	8167781 240294	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9127SES, set in 1' diameter concrete cylinder located approx. 100 feet west and 100 feet north of the intersection of Ann Rd. and N. 5th St.
19				Destroyed 2013
20	NLV9136NWS	607.648	8167757 241912	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9136NWS, set in the top of curb, located approx. 50 feet east and 50 feet south of the intersection of Ann Rd. and Losee Rd.
21	NLV9136N4	608.125	8167771 242704	2" round aluminum disk tied to 5/8" rebar, stamped North Las Vegas BM No. NLV9136N4, located along the north side of the chainlink fence around Shadow Creek Golf Course approx. 0.5 miles east of Losee Rd.
22	NLV9125SES	601.235	8167817 243532	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9125SES, set in the top of curb, located approx. 50 feet west and 100 feet north of the intersection of Ann Rd. and Pecos Rd.
23	NLV9134W4	631.568	8166967 238699	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9134W4, set in the top of curb, located approx. 17 feet east of the southeast east bcr at the intersection of Washburn Rd. and Camino Al Norte.
24	NLV9134C4	624.532	8166977 239500	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9134C4, set in the top of curb, located approx. 18 feet east of the northeast east bcr at the intersection of Washburn Rd. and Commerce St.

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TOWNSHIP 19 SOUTH, RANGE 61 EAST
SOUTHEAST QUARTER

Revision Date 6/30/2015


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
25	NLV9135W4	615.685	8166990 240325	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9135W4, set in the top of curb, located approx. 4 feet north of the northeast north bcr at the intersection of Washburn Rd. and N. 5th St.
26	NLV9135C4	604.869	8166985 241142	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9135C4, set in the top of curb, located approx. 32 feet east of the northeast east bcr at the intersection of Washburn Rd. and Bruce St.
27	NLV9136W4	600.123	8167008 241922	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9136W4, set in the top of curb, located approx. 22 feet north of the northeast north bcr at the intersection of Washburn Rd. and Losee Rd.
28	NLV9136C4	598.426	8166996 242714	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9136C4, set in the top of curb, located approx. 50 feet west and 50 feet north of the intersection of Washburn Rd. and Statz St.
29	NLV9136E4	594.509	8166957 243533	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9136E4, set in the top of curb, located approx. 16 feet south of the southwest south bcr at the intersection of Washburn Rd. and Pecos Rd.
30	NLV9134S4	616.768	8166191 239494	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9134S4, set in the top of curb, located approx. 100 feet north of the northwest north bcr at the intersection of Lone Mountain Rd. and Commerce St.
31	NLV9136S4	591.351	8166186 242707	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9136S4, set in the top of curb, located approx. 23 feet west of the northwest west bcr at the intersection of Lone Mountain Rd. and Statz St.
32	NLV9122W4	651.136	8170246 238671	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9122W4 2007, set in the top of curb, located southeast of the centerline monument.
33	NLV9122W6	644.720	8170211 238942	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9122W6 2007, set in the top of curb, located approx. 22 feet southeast of the south bcr of the intersection of Finch Garden Pl. and Deer Springs Way.
34	NLV9122C4	645.261	8170241 239444	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9122C4 2007, set in the top of curb, located approx. 85 feet southeast of the monument for S22 C1/4 T19S R61E.

 CITY OF NORTH LAS VEGAS	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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	NORTH AMERICAN VERTICAL DATUM 1988	

TOWNSHIP 19 SOUTH, RANGE 61 EAST
SOUTHEAST QUARTER

Revision Date 12/1/2013


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
35	NLV9123W4	632.909	8170226 240315	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9123W4 2007, set in the top of curb, located approx. 37 feet east of the southeast east bcr of the intersection of Deer Springs Way and N. 5th St.
36	NLV9123C4	632.832	8170230 241090	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9123C4 2007, set in the top of curb, located approx. 35 feet south of S23 C1/4 T19S R61E.
37	NLV9124W4	629.452	8170210 241922	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9124W4 2007, set in the top of curb, located approx. 38 feet south of the southeast south bcr of the intersection of Deer Springs Way and Losee Rd.
38	NLV9127N4	633.16	8169417 239438	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9127N4 2007, set in the top of curb, located approx. 6 feet west of the southwest west bcr of the intersection of Centennial Pkwy. and Commerce St.
39	NLV9126NES	622.181	8169416 241865	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9126NES 2007, set in the top of curb, located approx. 33 feet west of the southwest west bcr of the intersection of Centennial Pkwy. and Losee Rd.
40	NLV9125N4	618.817	8169433 242688	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9125N4 2007, set in the top of curb, located approx. 48 feet west of the southwest west bcr of the intersection of Centennial Pkwy. and Statz St.
41	NLV9125C4	612.451	8168636 242753	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9125C4 2007, set in the top of curb, located approx. 35 feet east of the northeast east bcr of the intersection of Tropical Pkwy. and Statz St.
42	NLV9125E4	607.779	8168617 243511	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9125E4 2007, set in the top of curb, located approx. 13 feet west of the southwest west bcr of the intersection of Tropical Pkwy. and Pecos Rd.
43	NLV9127S4	626.695	8167798 239446	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9127S4 2013, set in the top of curb, located approx. 25 feet west of the northwest west bcr of the intersection of Ann Rd. and Commerce St.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
	DEPARTMENT OF PUBLIC WORKS	CONVERSION FACTOR
	SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	METERS X (3937 ÷ 1200) = US SURVEY FOOT NORTH AMERICAN VERTICAL DATUM 1988

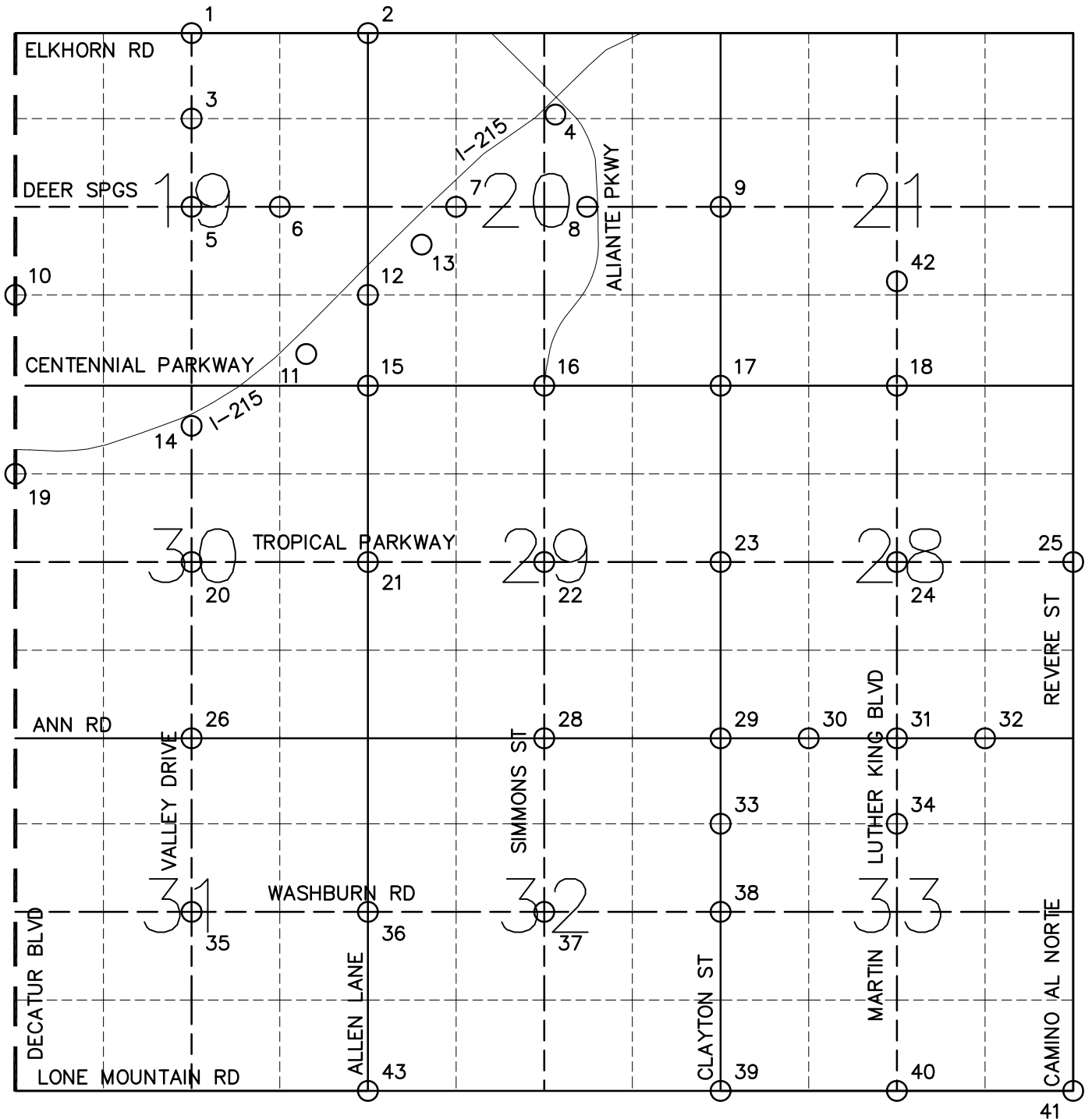
TOWNSHIP 19 SOUTH, RANGE 61 EAST
SOUTHEAST QUARTER

Revision Date 12/1/2013

NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
44	NLV9135N4	609.945	8167759 241080	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9135N4 2013, set in the top of curb, located approx. 24 feet west of the southwest west bcr of the intersection of Ann Rd. and Bruce St.

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**TOWNSHIP 19 SOUTH RANGE 61 EAST
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NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	NLV9119N4	699.658	8171037 234608	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9119N4, set in the top of curb, located approx. 14 feet east of the southeast east bcr at the intersection of Elkhorn Rd. and Aviary Way.
2	NLV9119NES	694.663	8171009 235326	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9119NES, set in the top of curb, located approx. 65 feet west of the southwest west bcr at the intersection of Elkhorn Rd. and Weavers Pl.
3	NLV9119N6	697.751	8170651 234610	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9119N6, set in the top of curb, located on the east side of Aviary Way approx. 1300 feet south the intersection of Elkhorn Rd. and Aviary Way.
4	NLV9120N6	689.435	8170782 236294	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9120N6, set in the top of curb, located approx. 2 feet south of the southwest south bcr at the intersection of the Beltway and Aliante Pkwy.
5	NLV9119C4	697.183	8170218 234570	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9119C4, set in the top of curb, located approx. 45 feet west of the southwest west bcr at the intersection of Deer Springs Way and Aviary Way north of the beltway.
6	NLV9119E6	694.912	8170251 234929	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9119E6, set in the top of curb, located approx. 10 feet south of the southwest south bcr at the intersection of Deer Springs Way and Aviary Way south of the Beltway.
7	NLV9120W6	688.747	8170185 235854	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9120W6, set in the top of curb, located on the north side of Deer Springs Way approx. 1300 feet east of Aviary Way
8	NLV9120C4	684.319	8170223 236465	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9120C4, set in the top of curb, located approx. 15 feet south of the southwest south bcr at the intersection of Deer Springs Way and Aliante Pkwy.
9	NLV9121W4	678.637	8170293 237057	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9121C4, set in the top of curb, located approx. 15 feet east of the northeast east bcr at the intersection of Deer Springs Way and Clayton St.

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NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
10	5LV9119SWW6	699.633	8169839 233867	Rivet and 2" round aluminum disk, stamped City of Las Vegas Benchmark 5LV9119SWW6, set in the top of curb, located approx. 9 feet north of the northeast north bcr at the intersection of Rome Blvd. and Decatur Blvd.
11	NLV9119SE6	693.563	8169818 235223	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9119SE6, in headwall located within the Beltway R.O.W. on the south side of Beltway approx. 500 feet south of Beltway and 500 feet west of Aviary Way.
12	NLV9119SEE6	690.402	8169752 235428	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9119SEE6, set in the top of curb, located on the west side of Aviary Way approx. 68 feet south of the intersection of Deer Springs Way and Aviary Way south of the Beltway.
13	NLV9120SW6	691.677	8170251 235657	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9120SW6, in headwall located within the Beltway R.O.W. approx. 50 feet south of Beltway and 1000' east of Aviary Way.
14	NLV9130N4	693.931	8169371 234677	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9130N4, set in 1' diameter concrete cylinder located on the south side of chainlink fence at Valley Dr. and the south side of the Beltway.
15	NLV9119SES	688.753	8169394 235433	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9119SES, set in the top of curb, located approx. 23 feet west of the northwest west bcr at the intersection of Centennial Pkwy. and Aviary Way.
16	NLV9120S4	680.343	8169436 236217	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9120S4, set in the top of curb, located approx. 20 feet west of the northwest west bcr at the intersection of Centennial Pkwy. and Aliante Pkwy.
17	NLV9120SES	668.728	8169483 237012	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9120SES, set in the top of curb, located approx. 30 feet west of the northwest west bcr at the intersection of Centennial Pkwy. and Clayton St.
18	NLV9128N4	652.314	8169293 237660	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9128N4, set in the top of curb, located approx. 5 feet east of the northeast east bcr at the intersection of Centennial Pkwy. and Camino Eldorado.

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NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
19	NLV9130NWW6	695.732	8169084 233886	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9130N4, set in 1' diameter concrete cylinder located approx. 300 feet south and 200 feet east of Decatur Blvd. next to a chainlink fence.
20	NLV9130C4	685.123	8168590 234669	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9130C4, set in the top of curb, located approx. 35 feet east of the northeast east bcr at the intersection of Tropical Pkwy. and Valley Dr.
21	NLV9130E4	681.373	8168581 235429	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9130E4, set in the top of curb, located approx. 3 feet west of the northwest west bcr at the intersection of Tropical Pkwy. and Allen Ln.
22	NLV9129C4	662.046	8168625 236263	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9129C4, set in the top of curb, located approx. 17 feet north of the northeast north bcr at the intersection of Tropical Pkwy. and Simmons St.
23	NLV9129E4	656.708	8168639 237022	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9129E4, set in the top of curb, located approx. 16 feet west of the northwest west bcr at the intersection of Tropical Pkwy. and Clayton St.
24	NLV9128C4	647.292	8168571 238014	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9128C4, set in the top of curb, located approx. 12 feet east of the northeast east bcr at the intersection of Tropical Pkwy and Camino Eldorado.
25	NLV9128E4	637.762	8168635 238614	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9128E4, set in the top of curb, located approx. 50 feet west of the northwest west bcr at the intersection of Tropical Pkwy. and Revere St.
26	NLV9131N4	674.368	8167743 234591	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9131N4, set in the top of curb, located approx. 14 feet west of the southwest west bcr at the intersection of Ann Rd. and Valley Dr.
27	NLV9131NES	665.085	8167743 235406	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9131NES, set in the top of curb, located approx. 29 feet west of the southwest west bcr at the intersection of Ann Rd. and Allen Ln.
28	NLV9132N4	658.699	8167753 236216	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9132N4, set in the top of curb, located approx. 18 feet west of the southwest west bcr at the intersection of Ann Rd. and Simmons St.

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SOUTHWEST QUARTER

Revision Date 12/1/2013


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
29	NLV9132NES	653.105	8167773 237031	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9132NES, set in the top of curb, located approx. 11 feet west of the southwest west bcr at the intersection of Tropical Pkwy. and Decatur Blvd.
30	NLV9128SSW6	650.867	8167805 237478	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9128SSW6, set in the top of curb, located approx. 13 feet east of the northeast east bcr at the intersection of Ann Rd. and Whitestone Dr.
31	NLV9128S4	647.773	8167808 237860	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9128S4, set in the top of curb, located approx. 123 feet east of the northeast east bcr at the intersection of Ann Rd. and Farpoint Rd.
32	NLV9128SSE6	640.213	8167760 238336	2 1/2" domed Brass cap at the Northeast corner of the intersection of Ann Rd. and Canino Eldorado.
33	NLV9133NWW6	651.209	8167352 237072	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9133NWW6, set in the top of curb, located approx. 7 feet south of the southeast south bcr at the intersection of Hammer Ln. and Clayton St.
34	NLV9133N6	646.19	8167373 237862	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9133N6, set in the top of curb, located on the south side of Hammer Ln. approx. 150 feet east of the intersection of Hammer Ln. and Sea Water Way.
35	NLV9131C4	671.582	8166948 234602	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9131C4, set in the top of curb, located approx. 22 feet west of the northwest west bcr at the intersection of Washburn Rd. and Valley Dr.
36	NLV9132W4	665.477	8166955 235450	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9132W4, set in the top of curb, located approx. 27 feet east of the northeast east bcr at the intersection of Washburn Rd. and Allen Ln.
37	NLV9132C4	657.16	8166938 236272	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9132C4, set in the top of curb, located approx. 20 feet east of the southeast east bcr at the intersection of Washburn Rd. and Simmons St.
38	NLV9133W4	651.652	8166943 237090	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9133W4, set in the top of curb, located approx. 9 feet east of the southeast east bcr at the intersection of Washburn Rd. and Clayton St.

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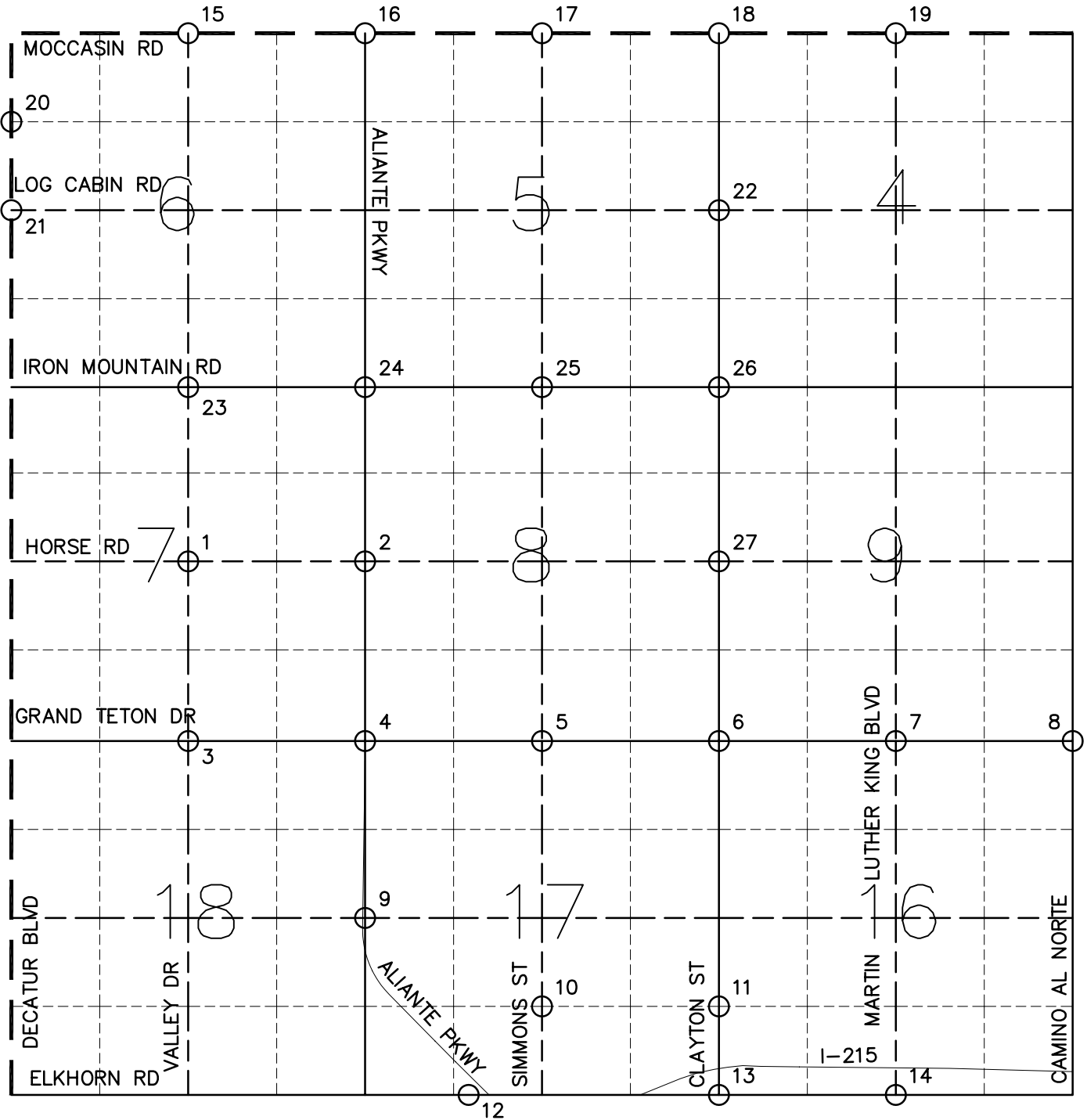
TOWNSHIP 19 SOUTH, RANGE 61 EAST
SOUTHWEST QUARTER

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NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
39	204105C	646.953	8166131 237096	2 3/4" Brass Cap in the top of curb 74.5 feet east and 35.5 feet north of the Southwest corner of Section 33-19-61, 5.0 feet east of the Northeast corner of Lone Mountain Rd. and Clayton St.
40	204105B	638.911	8166147 237850	2 3/4" Brass Cap in the top of curb 34.8 feet North and 66.0 feet West of the South quarter corner of Section 33-19-61.
41	NLV9133SES	627.121	8166151 238656	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9133SES, located in the top on the north side of Lone Mountain Rd. east of Camino Al Norte approx. 15 feet east of PT.
42	NLV9121S6	666.873	8170075 237835	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9121S6 2007, set in the top of curb, located approx. 60 feet north of the northeast north ber of the intersection of Black Oaks St. and Gliding Eagle Rd.
43	NLV9132SWS	666.336	8166142 235432	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9132SWS 2013, set in the top of curb, located approx. 7 feet east of the northeast east ber of the intersection of Lone Mountain Rd. and Allen Ln.

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NORTHWEST QUARTER

Revision Date 11/1/2006


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	NLV917C4	708.877	8173488 234612	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV917C4, set in the top of curb, located approx. 26 feet east of the southeast east bcr at the intersection of Horse Dr. and Aviary Way.
2	NLV917E4	702.895	8173474 235373	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV917E4, set in the top of curb, located approx. 20 feet west of the southwest west bcr at the intersection of Horse Dr. and Aliante Pkwy.
3	NLV917S4	704.377	8172700 234615	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV917S4, set in the top of curb, located approx. 14 feet east of the northeast east bcr at the intersection of Grand Teton Dr. and Aviary Way.
4	NLV9117NWS	699.482	8172633 235423	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9117NWS, set in the top of curb, located approx. 29 feet south of the southeast south bcr at the intersection of Grand Teton Dr. and Aliante Pkwy.
5	517145	694.839	8172672 236188	1' Diameter concrete monument approx. 50.0 feet south and 115.0 feet west of the north quarter corner of Section 17-19-61, 6.0 feet west of power pole #2/5/5.
6	517144	688.702	8172700 237010	1' Diameter concrete monument 56.0 feet south and 108.0 feet west of the northeast corner of Section 17-19-61, 10.0 feet east of power pole #2/5/1.
7	516143	682.86	8172703 237819	1' Diameter concrete monument approx. 50.0 feet south and 140.0 feet west of the north quarter corner of Section 16-19-61, 6.5 feet west of power pole #2/4/4, tag is missing.
8	516142	674.782	8172705 238641	1' Diameter concrete monument 33.0 feet south and 100.0 feet west of the northeast corner of Section 16-19-61, 6.6 feet east of power pole #2/3/8.
9	NLV9117W4	697.365	8171662 235447	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9117W4, set in the top of curb, located approx. 25 feet south of the southwest south bcr at the intersection of Red Head Dr. and Aliante Pkwy.
10	NLV9117S6	687.552	8171449 236385	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9117S6, set in the top of curb, located approx. 92 feet west of the northwest west bcr at the intersection of Elkhorn Rd. and Widewing Dr.
11	NLV9117SEE6	685.94	8171398 237004	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9117SEE6, set in the top of curb, located near the northwest west bcr at the intersection of Elkhorn Rd. and Clayton St.

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NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
12	NLV9117SWS6	690.344	8171182 235900	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9117SWS6, set in the top of curb, located approx. 15 feet south of the southwest south bcr at the intersection of Elkhorn Rd. and Aliante Pkwy.
13	NLV9116SWS	683.568	8171198 237064	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9116SWS, set in 1' diameter concrete cylinder located within the Beltway R.O.W. approx. 100 feet south of the Beltway and half mile east of Aliante Pkwy.
14	NLV9116S4	679.5	8171215 237893	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9116S4, set in 1' diameter concrete cylinder located within the Beltway R.O.W. approx. 25 feet south of Beltway and 0.5 miles west of Revere St.
15	NLV916N4	744.847	8175938 234578	BLM Brass cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV916N4, at the intersection of Moccasin Rd. and Valley Dr.
16	NLV915NWS	756.628	8175936 235406	BLM Brass cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV915NWS, at the intersection of Moccasin Rd. and Allen Ln.
17	NLV915N4	761.582	8175936 236217	BLM Brass cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV915N4, at the intersection of Moccasin Rd. and Simmons St.
18	NLV914NWS	765.255	8175937 237029	BLM Brass cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV914NWS, at the intersection of Moccasin Rd. and Clayton St.
19	NLV914N4	773.336	8175925 237837	BLM Brass cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV914N4, at the intersection of Moccasin Rd. and Martin L. King Blvd.
20	5LV916NWW6	721.517	8175446 233794	Rivet and 2" round aluminum disk, stamped City of Las Vegas Benchmark 5LV916NWW6, set in the northwest quadrant of a water manhole pad, located approx. 75' east of the powerline.
21	5LV916W4	715.122	8175156 233792	Rivet and 2" round aluminum disk, stamped City of Las Vegas Benchmark 5LV916W4, set in the southwest corner of a water manhole pad approx 75' east of powerline.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
	DEPARTMENT OF PUBLIC WORKS	CONVERSION FACTOR
	SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	METERS X (3937 ÷ 1200) = US SURVEY FOOT NORTH AMERICAN VERTICAL DATUM 1988

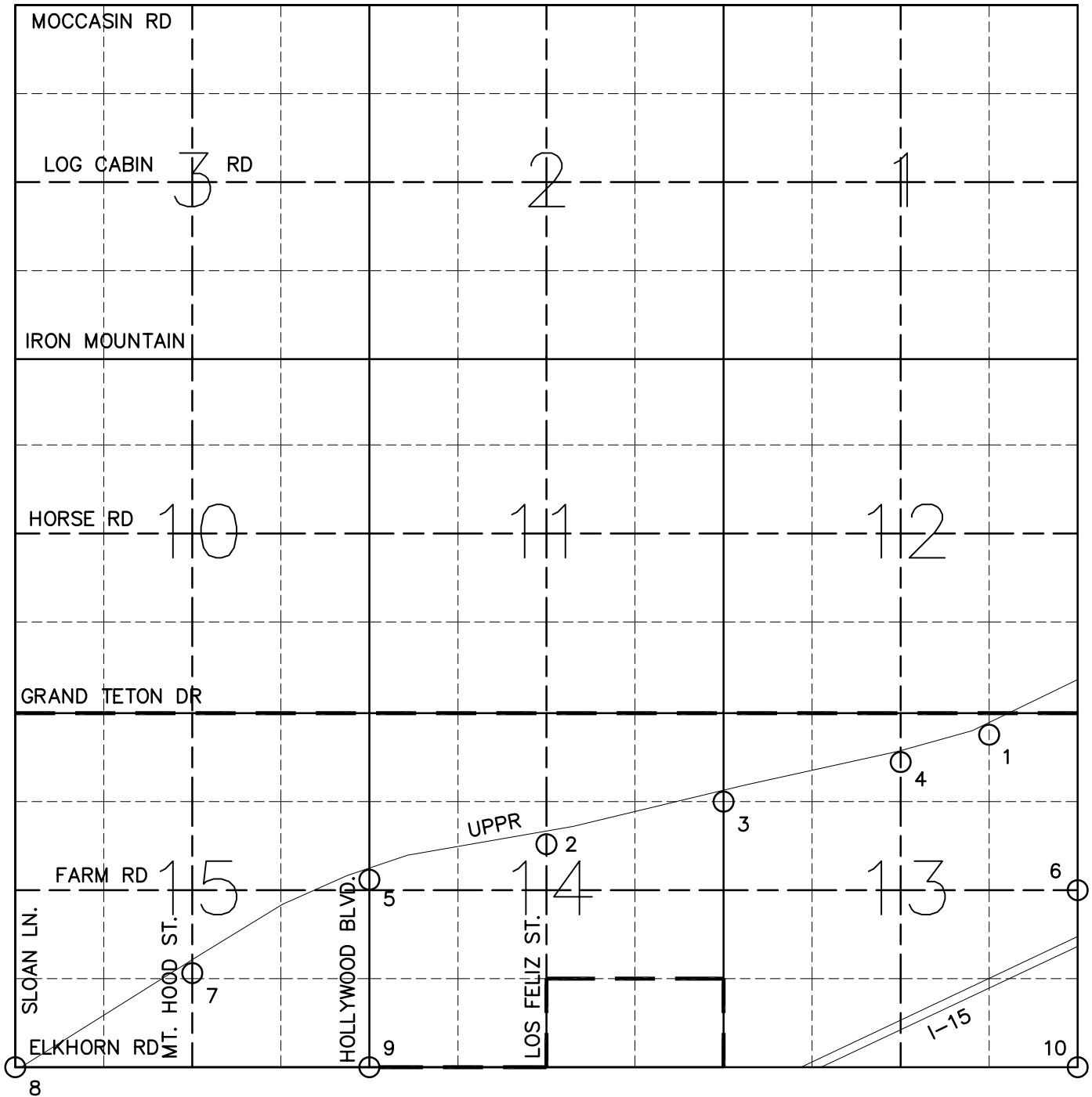
TOWNSHIP 19 SOUTH, RANGE 61 EAST
NORTHWEST QUARTER

Revision Date 11/1/2006

NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
22	NLV914W4	735.753	8175141 237020	BLM Brass cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV914W4, at the intersection of Log Cabin Rd. and Clayton St.
23	NLV917N4	701.715	8174317 234576	BLM Brass cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV917N4, at the intersection of Iron Mountain and Valley Dr.
24	NLV918NWS	698.195	8174312 235393	BLM Brass cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV918NWS, at the intersection of Iron Mountain Rd. and Allen Ln.
25	NLV918N4	703.082	8174327 236200	BLM Brass cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV918N4, at the intersection of Iron Mountain Rd. and Simmons St.
26	NLV919NWS	707.47	8174340 237012	BLM Brass cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV919NWS, at the intersection of Iron Mountain Rd. and Clayton St.
27	NLV919W4	690.198	8173529 237026	BLM Brass cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV919W4, at the intersection of Horse Rd. and Clayton St.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
	DEPARTMENT OF PUBLIC WORKS SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	CONVERSION FACTOR METERS X (3937 ÷ 1200) = US SURVEY FOOT
		NORTH AMERICAN VERTICAL DATUM 1988

**TOWNSHIP 19 SOUTH RANGE 62 EAST
NORTHEAST QUARTER**




CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
DEPARTMENT OF PUBLIC WORKS	CONVERSION FACTOR
SURVEY DIVISION	METERS X (3937 / 1200) = US SURVEY FOOT
50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	NORTH AMERICAN VERTICAL DATUM OF 1988

TOWNSHIP 19 SOUTH, RANGE 62 EAST
NORTHEAST QUARTER

Revision Date 11/1/2006


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	NLV9212SSE6	693.915	8172798 253198	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9212SSE6, set in 1' diameter concrete cylinder located approx. 42' south of the rail road tracks, 25' west of a road and track crossing, and 3.2 miles east of Range Rd.
2	NLV9214N6	668.575	8172173 250841	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9214N6, set in 1' diameter concrete cylinder located approx. 47' south of the rail road tracks, 0.175 miles east of a rail road shed marked Dike CPC 346, and 2.7 miles east of Range Rd.
3	NLV9214NEE6	676.847	8172363 251658	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9214NEE6, set in 1' diameter concrete cylinder located approx. 50' south of the rail road tracks and 3.2 miles east of Range Road.
4	NLV9213N6	687.447	8172552 252461	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9213N6, set in 1' diameter concrete cylinder located approx. 40' south of the rail road tracks, 540' west of a rail road shed marked Dike CPC 347, and 3.7 miles east of Range Rd.
5	NLV9215E4	661.11	8171986 250108	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9215E4, set in 1' diameter concrete cylinder located approx. 45' south of the rail road tracks, 187' east of a culvert, and 2.2 miles east of Range Rd.
6	NLV9213E4	672.488	8171923 253380	2 1/2" Brass cap set on an iron pipe stamped U.S. General Land Office Survey 1920 1/4 S13, with a 2" round disk attached, stamped North Las Vegas BM NLV, located along the range line between R62E and R63E just north of I-15.
7	NLV9215S6	653.366	8171608 249384	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9215S6, set in 1' diameter concrete cylinder located approx. 45' south of the rail road tracks, 20' east of a power pole, and 1.7 miles east of Range Rd.
8	NLV9214SWS	644.801	8171179 248725	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9214SWS, set in 1' diameter concrete cylinder located approx. 95' south of the rail road tracks and 1.15 miles east of Range Road.
9	NLV9215SES	639.31	8171101 250149	3" Cap on iron pipe marked T19S R62E S15/S14/S22/S23 1952, with a 2" round aluminum disk attached with wire, stamped North Las Vegas BM No. NLV9215SES.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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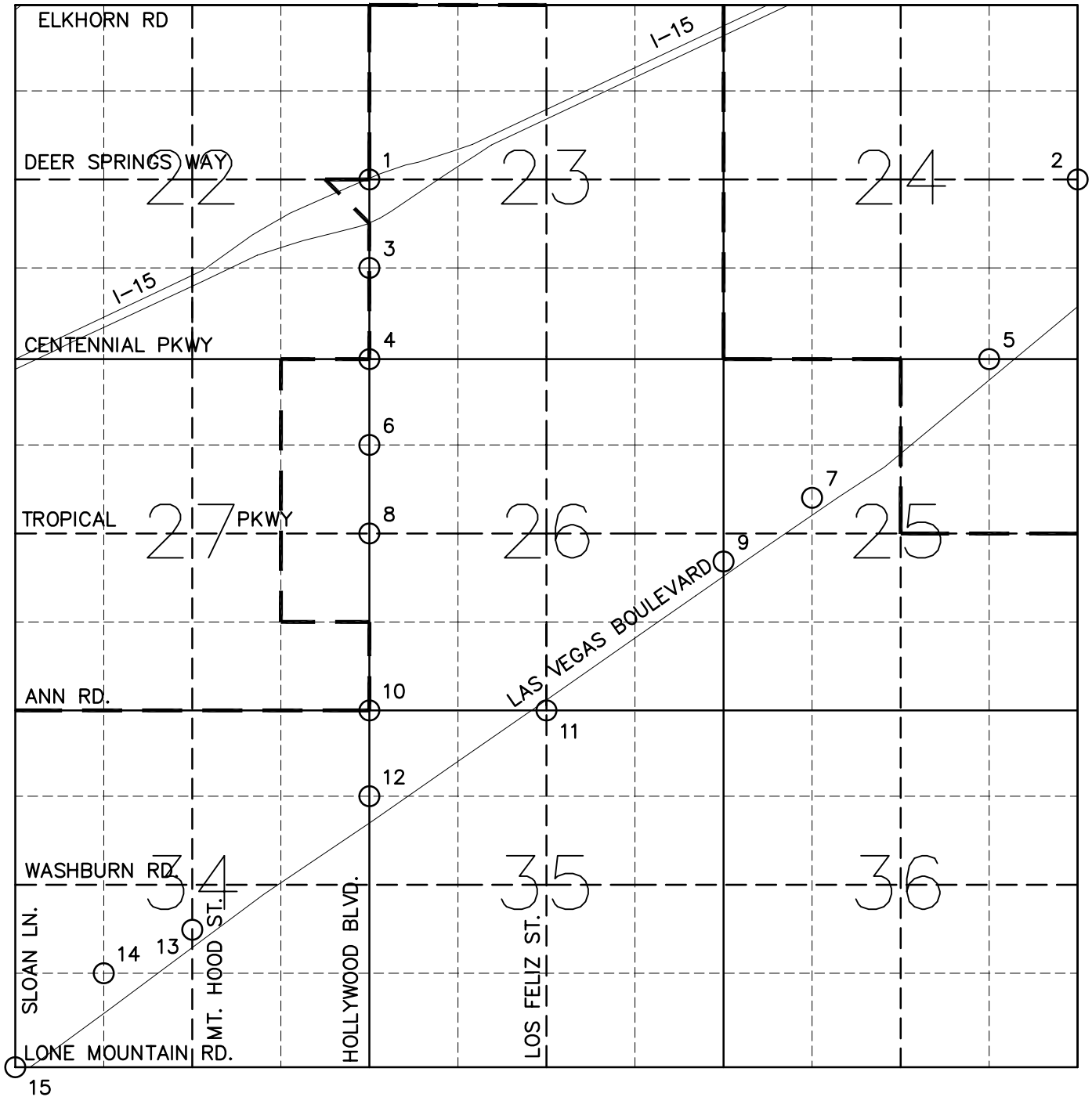
TOWNSHIP 19 SOUTH, RANGE 62 EAST
NORTHEAST QUARTER

Revision Date 11/1/2006

NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
10	NLV9213SES	652.153	8171115 253380	2 1/2" Brass cap set on an iron pipe stamped U.S. General Land Office Survey T19S R62E S13/S24 T19S R63E S18, with a 2" round disk attached, stamped North Las Vegas BM NLV, located along the range line between R62E and R63E between I-15 and Las Vegas Blvd

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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**TOWNSHIP 19 SOUTH RANGE 62 EAST
SOUTHEAST QUARTER**




CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
DEPARTMENT OF PUBLIC WORKS	CONVERSION FACTOR
SURVEY DIVISION	METERS X (3937 / 1200) = US SURVEY FOOT
50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	NORTH AMERICAN VERTICAL DATUM OF 1988

TOWNSHIP 19 SOUTH, RANGE 62 EAST
SOUTHEAST QUARTER

Revision Date 3/3/2013


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	NLV9222E4	621.049	8170209 250036	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9222E4, in the top of curb on the north side of I-15 near the curb return of the south bound exit ramp and Speedway Blvd.
2	NLV9224E4	635.539	8170287 253297	5/8" rebar with a 2" round aluminum disk attached, stamped North Las Vegas BM NLV, located along the range line between R62E and R63E between I-15 and Las Vegas Blvd.
3	NLV9223SWW6	615.812	8169966 250276	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9223SWW6, located in the top of concrete transformer pad approx. 75 feet south of the southwest south bcr at the intersection of Speedway Blvd. and Hollywood Blvd.
4	NLV9223SWS	606.347	8169479 250165	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9223SWS, set in the top of curb, located approx. 45 feet north of the northeast north bcr at the intersection of Centennial Pkwy. and Hollywood Blvd.
5	NLV9225NEE6	618.418	8169448 252931	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9225NEE6, set in 1' diameter concrete cylinder located approx. 60 feet northwest of the northwest EP of Las Vegas Blvd. and approx. 3.4 miles south along Las Vegas Blvd. from I-15.
6	NLV9226NWW6	600.781	8169091 250168	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9226NWW6, set in the top of curb, located approx. 38 feet north of the northeast north bcr at the intersection of Azure Ave. and Hollywood Blvd.
7	NLV9225NW6	604.821	8168976 252272	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9225NW6, set in a headwall inside Gate 4 of the Las Vegas Motor Speedway, located approx. 12 feet north of the north end of the gate and 1' west of the fence.
8	NLV9226W4	594.392	8168657 250158	Type I monument with 2" brass cap at the intersection of Tropical Pkwy and Hollywood Blvd.
9	NLV9225W4	593.502	8168533 251682	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9225W4, set in 1' diameter concrete cylinder located between Gates 3 and 4 approx. 6' east of chainlink fence and approx. 600' north of NAFB Area 2 entrance.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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	SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	METERS X (3937 ÷ 1200) = US SURVEY FOOT NORTH AMERICAN VERTICAL DATUM 1988

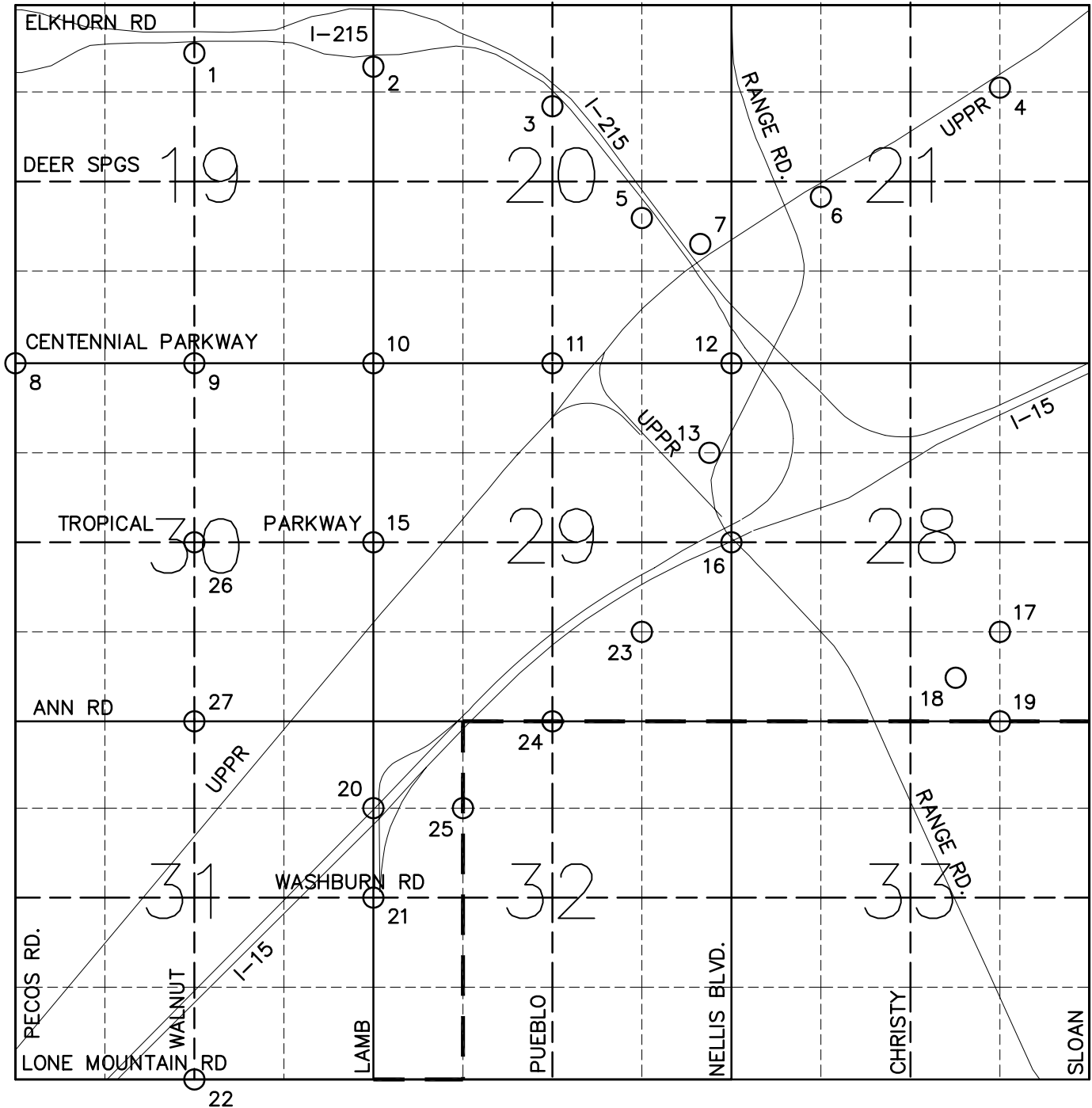
TOWNSHIP 19 SOUTH, RANGE 62 EAST
SOUTHEAST QUARTER

Revision Date 11/1/2006

NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
10	NLV9226SWS	586.852	8167939 250184	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9226SWS, located in southwest corner of an electrical vault on the east side of Hollywood Blvd. approx. 300 feet north of Ann Rd.
11	NLV9226S4	587.052	8168076 251052	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9226S4, set in the top of curb, located inside of Gate 2 of the Las Vegas Motor Speedway, at the south side of the gate approx. 1.5 feet inside of the chainlink fence.
12	NLV9235NWW6	581.746	8167520 250300	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9235NWW6, located in top of headwall approx. 475 feet northeast of the intersection of Las Vegas Blvd. and Hollywood Blvd.
13	NLV9234C4	578.202	8167001 249587	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9234C4, located in top of headwall on the north side of Las Vegas Blvd. approx. 1700 feet northeast Beesley Dr.
14	NLV9234W6	579.217	8166648 249107	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9234W6, located in top of headwall approx. 400 feet northeast of the intersection of Las Vegas Blvd. and Beesley Dr.
15	NLV9234SWS	577.328	8166334 248552	2" brass cap set in 1' concrete cylinder, stamped T19/20S SEC 34/33 SEC 3/4, located approx. 350 feet north of Las Vegas Blvd. and 4 feet east of the edge of pavement.

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**TOWNSHIP 19 SOUTH RANGE 62 EAST
SOUTHWEST QUARTER**




CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
DEPARTMENT OF PUBLIC WORKS SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	CONVERSION FACTOR METERS X (3937 / 1200) = US SURVEY FOOT
	NORTH AMERICAN VERTICAL DATUM OF 1988

TOWNSHIP 19 SOUTH, RANGE 62 EAST
SOUTHWEST QUARTER

Revision Date 11/1/2006


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	NLV9219N6	641.164	8170909 244233	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9219N6, in headwall located approx. 30 feet south of the Beltway and 0.5 miles east of Pecos.
2	NLV9219NEE6	640.934	8170820 245171	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9219NEE6, set in SNWSCP pull box approx. 150 feet south of the Beltway and on the west side of Lamb Blvd.
3	NLV9220N6	637.889	8170637 245960	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9220N6, set in 1' diameter concrete cylinder located approx. 500 feet south of the Beltway and 0.5 miles east of Lamb Blvd. and next to a chainlink fence.
4	NLV9221NE6	637.307	8170774 248045	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9221NE6, set in 1' diameter concrete cylinder located approx. 50' south of the center of rail road tracks, 16' east of a power pole, and 0.65 miles east of Range Rd.
5	NLV9220E6	631.853	8170349 246292	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9219N6, in headwall located within the Beltway R.O.W. approx. 30 feet south of the Beltway and 0.5 miles northwest of the railroad tracks.
6	NLV9221W6	629.048	8170343 247353	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9221W6, set in 1' diameter concrete cylinder located approx. 50' south of the center of the rail road tracks and 0.1 miles east of Range Rd.
7	NLV9220SEE6	624.553	8170058 246822	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9220SEE6, set in 1' diameter concrete cylinder located approx. 500 feet east of the Beltway and 80 feet north of the railroad tracks.
8	NLV9219SWS	615.991	8169483 243572	Rivet and 2" round aluminum disk, stamped North of Las Vegas BM No. NLV9219SWS, located on a power pole footing approx. 75 feet east and 75 feet north of the southwest sectional corner of S19 T19S R62E.
9	NLV9230N4	614.532	8169459 244404	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9230N4, set in the top of curb, located approx. 27 feet east of the southeast east ber at the intersection of Centennial Pkwy. and Walnut Rd.
10	NLV9230NES	616.755	8169465 245200	Rivet and 2" round aluminum disk, stamped North of Las Vegas BM No. NLV9230NES, located on a power pole footing approx. 75 feet south and 75 feet west of the northeast sectional corner of S30 T19S R62E.

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TOWNSHIP 19 SOUTH, RANGE 62 EAST
SOUTHWEST QUARTER

Revision Date 11/1/2007


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
11	629118	620.478	8169486 246059	1' Diameter concrete monument 50.0 feet south and 50.0 feet east of the North quarter corner of Section 29-19-62.
12	NLV9221SWS	616.282	8169600 247057	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9221SWS, set in the top of curb, located approx. 15 feet east of the northeast east bcr at the intersection of Centennial Pkwy. and Range Rd.
13	NLV9229NEE6	610.795	8169111 246780	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9229NEE6, located in top of headwall for a driveway on the west side of Range Rd. at 6255 Range Rd.
14				Destroyed 2007
15	NLV9229W4	606.7	8168697 245244	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9229W4, set in the top of curb, located approx. 40 feet north of the northeast north bcr at the intersection of Tropical Parkway and Lamb Blvd.
16	NLV9229E4	606.95	8168795 246810	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9229E4, set in the top of curb, located approx. 7 feet west of the northwest west bcr at the intersection of Tropical Pkwy. and Range Rd.
17	NLV9228SE6	605.689	8168303 248080	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9228SE6, located in 3'x4' concrete cable box approx. 75 feet west and 30 feet south of the intersection of El Campo Grande Ave. and Linn Ln.
18	NLV9228SESW6 4	596.983	8168100 247421	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9228SESW64, located in the concrete ring around a manhole on Range Rd. approx. 163 feet north of the north Air Force boundary.
19	NLV9228SSE6	597.35	8167914 248135	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9228SSE6, located in a 3'x3' water valve concrete collar approx. 75 feet east and 50 feet north of the intersection of Ann Rd. and Linn Ln.
20	NLV9231NEE6	594.604	8167538 245220	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9231NEE6, set in the top of curb, located approx. 43 feet north of the northwest north bcr of the south bound on ramp of I-15 from Lamb Blvd.
21	NLV9231E4	591.473	8167021 245222	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9231E4, set in the top of curb, located approx. 6 feet south of the southwest south bcr at the intersection of Smiley Rd. and Lamb Blvd.

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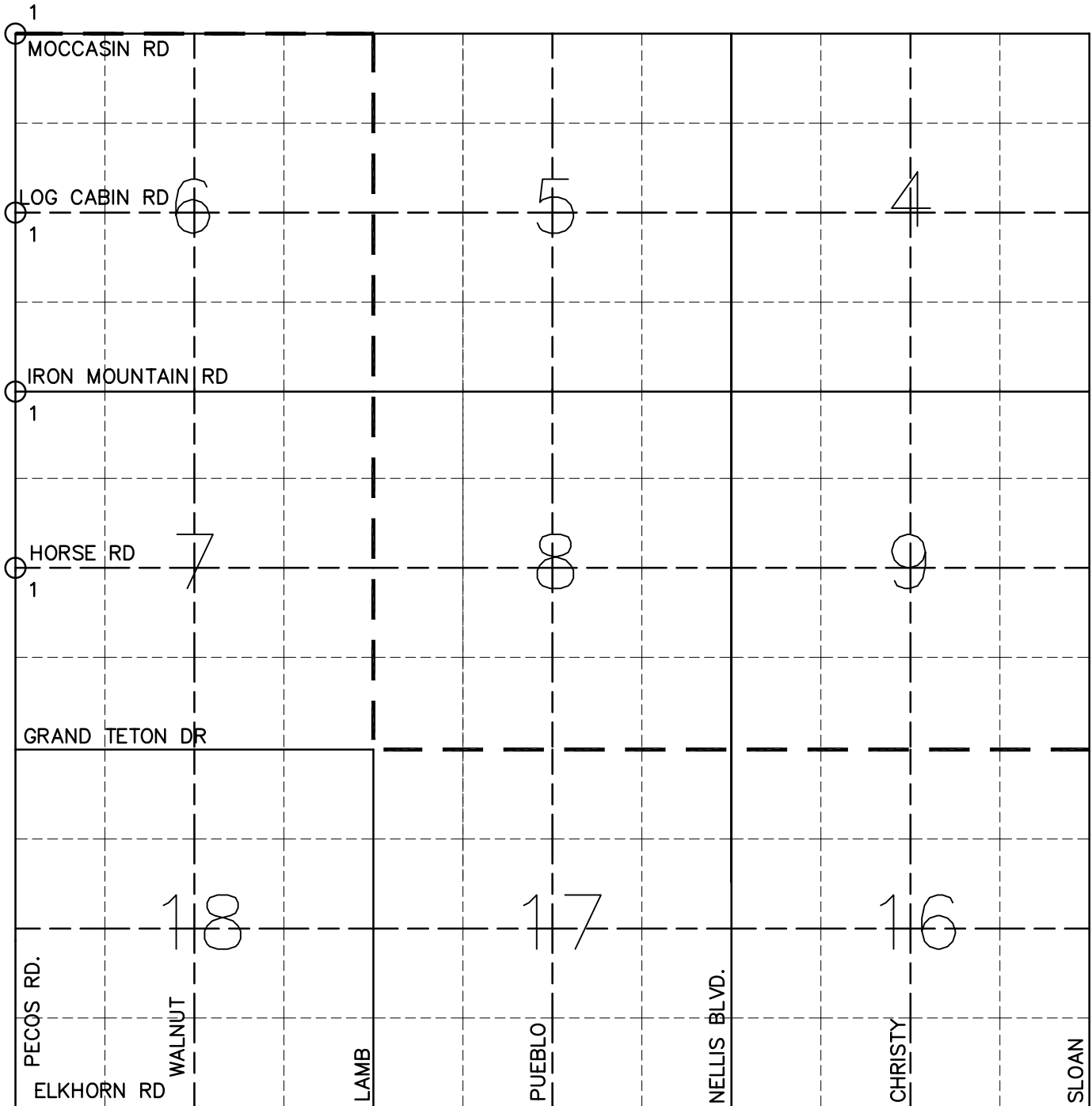
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SOUTHWEST QUARTER

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NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
22	NLV9231S4	587.453	8166234 244417	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9231S4, set in the top of curb, located on the north side of Lone Mountain Rd. approx. 7 feet east of a transformer.
23	NLV9229SE6	602.186	8168258 246447	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9229SE6, located in electrical meter pad at the southwest corner of El Campo Grande and Lamont St.
24	NLV9229S4	598.257	8167865 245985	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9229S4, located in air vac pad approx. 250 feet west of the intersectional monument of Ann Rd. and Puebla St.
25	NLV9232N6	592.644	8167439 245630	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9232N6, located in the top back of curb approx. 50 feet southwest of the intersectional monument of Hammer Ln. and Novak St.
26	NLV9230C4	606.033	8168637 244396	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9230C4 2007, set in the top of curb, located approx. 15 feet east of the southeast east bcr of the intersection of Tropical Pkwy. and Walnut Rd.
27	NLV9230S4	597.392	8167823 244376	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9230S4 2007, set in the top of curb, located approx. 20 feet north of the northeast north bcr of the intersection of Carla Ann Rd. and Walnut Rd.

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**TOWNSHIP 19 SOUTH RANGE 62 EAST
NORTHWEST QUARTER**




CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
DEPARTMENT OF PUBLIC WORKS SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	CONVERSION FACTOR METERS X (3937 / 1200) = US SURVEY FOOT
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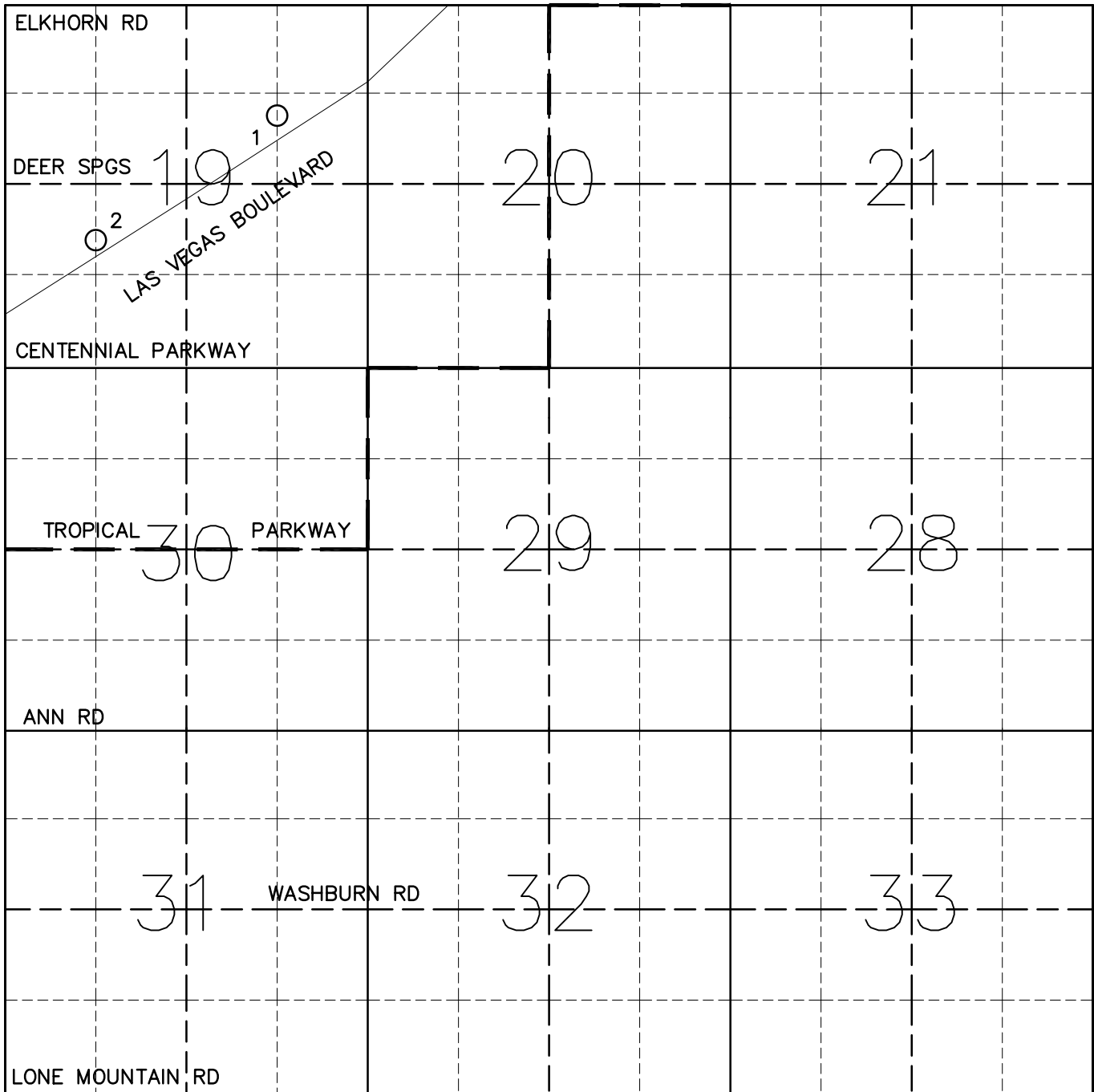
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NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	NLV926NWS	823.74	8176043 243530	BLM Brass Cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV926NWS, at the intersection of Moccasin Rd. and Pecos Rd.
2	NLV926W4	788.337	8175225 243535	BLM Brass Cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV926W4, at the intersection of Log Cabin Rd. and Pecos Rd.
3	NLV927NWS	754.431	8174401 243535	BLM Brass Cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV927NWS, at the intersection of Iron Mountain Rd. and Pecos Rd.
4	NLV927W4	721.647	8173577 243536	BLM Brass Cap, with 2" round aluminum disk tied to pipe, stamped North Las Vegas BM No. NLV927W4, at the intersection of Horse Rd. and Pecos Rd.

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DEPARTMENT OF PUBLIC WORKS SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	CONVERSION FACTOR METERS X (3937 / 1200) = US SURVEY FOOT
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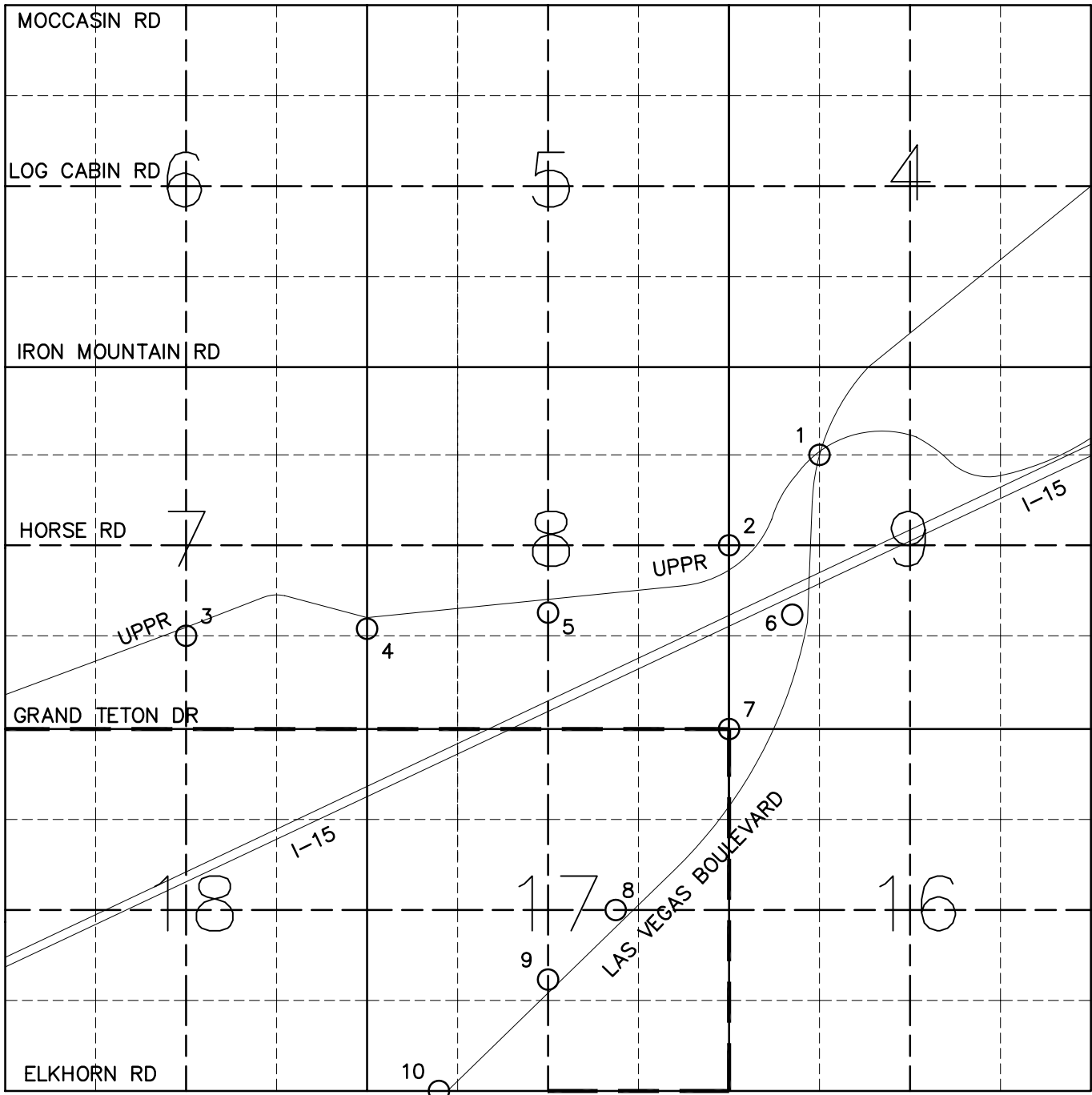
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NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	NLV9319NE6	647.104	8170439 254246	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9319NE6, set in 1' diameter concrete cylinder located on the west side of Las Vegas Blvd. approx. 137' west of the edge of pavement and 2.35 miles south of I-15 along Las Vegas Blvd.
2	NLV9319SW6	630.7	8169891 253555	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9319SW6, set in the top of a headwall of a culvert located on the west side of Las Vegas Blvd. approx. 25' west of the edge of pavement and 2.9 miles south of I-15 along Las Vegas Blvd.

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**TOWNSHIP 19 SOUTH RANGE 63 EAST
NORTHWEST QUARTER**




CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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NORTHWEST QUARTER

Revision Date 11/1/2006


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	NLV9309NW6	726.306	8173933 256700	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9309NW6, set in the top of the west curb at the Apex underpass approx. 50' south of the center line of the rail road tracks.
2	NLV9308E4	733.356	8173366 256207	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV308E4, set in 1' diameter concrete cylinder located next to a power pole approx. 0.5 miles west of the Apex underpass and approx. 60' higher than tracks.
3	NLV9307S6	703.813	8173127 253886	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9307S6, set in 1' diameter concrete cylinder located approx. 57' south of the rail road tracks and 3.65 miles east of Range Rd.
4	NLV9307SEE6	714.856	8173253 254630	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9307SEE6, set in 1' diameter concrete cylinder located approx. 65' south of the rail road tracks and 300' west from a three light rail road signal marked 3487.
5	NLV9308S6	713.639	8173303 255482	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9308S6, set in 1' diameter concrete cylinder located approx. 75' south of the rail road tracks, 115' east of a culvert, and the benchmark is approx. 30' lower than tracks.
6	NLV9309SSW6	712.248	8173224 256633	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9309SSW6, set in the south headwall of a culvert running north south under I-15 on the west side of Las Vegas Blvd. approx. 5' west of the edge of pavement.
7	NLV9317NES	701.748	8172698 256384	2 1/2" Brass cap set on an iron pipe stamped U.S. General Lan Office Survey, with a 2" round disk attached, stamped North Las Vegas BM NLV9317NES, located between I-15 and Las Vegas Blvd. southwest of the Apex interchange.
8	NLV9317CE6	694.532	8172008 255971	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9317CE6, set in 1' diameter concrete cylinder located on the west side of Las Vegas Blvd. approx. 32' west of the edge of pavement and 0.9 miles south of I-15 along Las Vegas Blvd.
9	NLV9317CS6	679.037	8171430 255380	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9317CS6, set in 1' diameter concrete cylinder located on the west side of Las Vegas Blvd. approx. 65' west of the edge of pavement and 1.4 miles south of I-15 along Las Vegas Blvd.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
	DEPARTMENT OF PUBLIC WORKS	CONVERSION FACTOR
	SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	METERS X (3937 ÷ 1200) = US SURVEY FOOT NORTH AMERICAN VERTICAL DATUM 1988

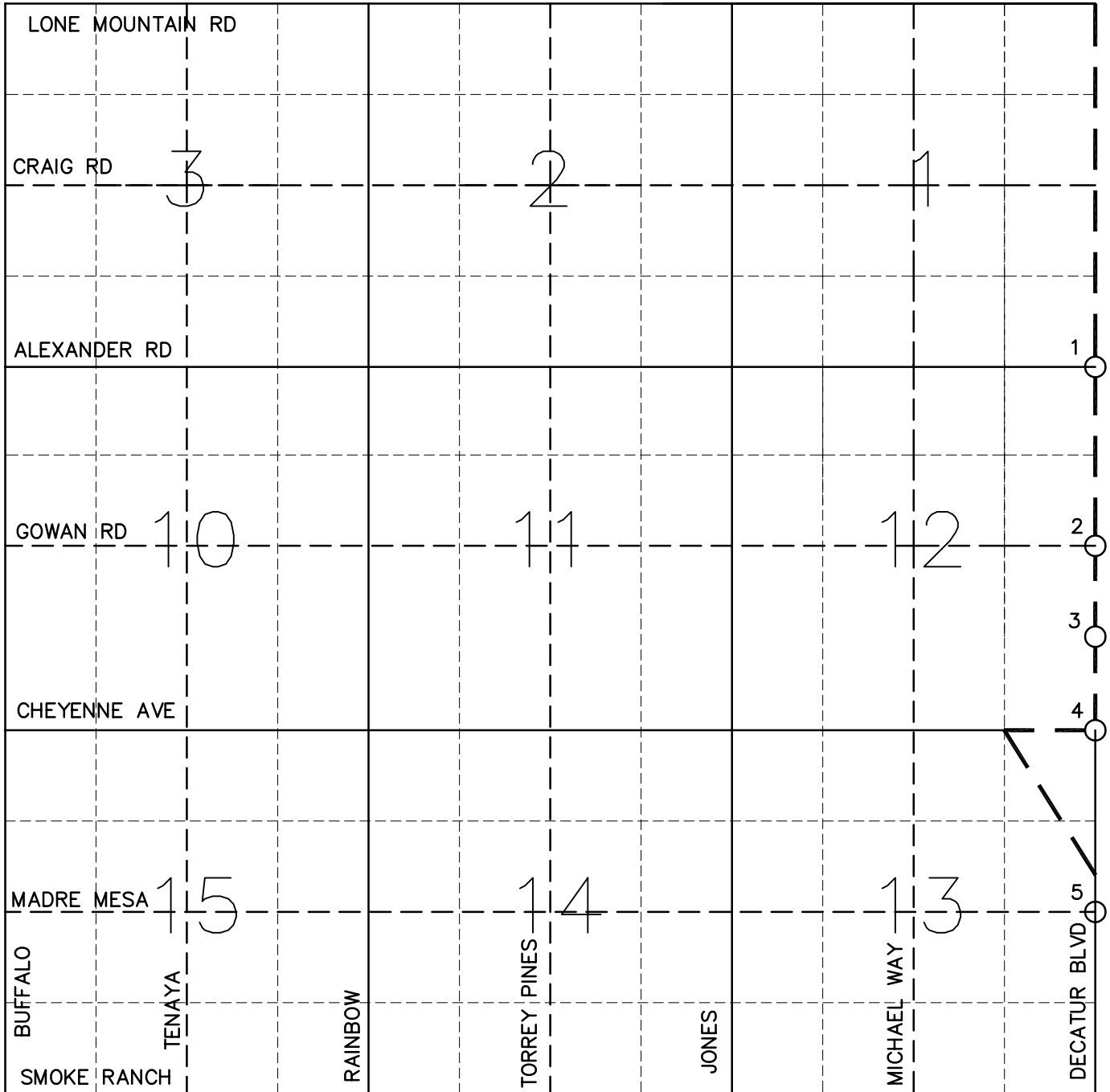
TOWNSHIP 19 SOUTH, RANGE 63 EAST
NORTHWEST QUARTER

Revision Date 11/1/2006

NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
10	NLV9317SWS	661.717	8170920 254882	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV9317SWS, set in 1' diameter concrete cylinder located on the west side of Las Vegas Blvd. approx. 40' west of the edge of pavement and 1.85 miles south of I-15 along Las Vegas Blvd.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
	DEPARTMENT OF PUBLIC WORKS SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	CONVERSION FACTOR METERS X (3937 ÷ 1200) = US SURVEY FOOT
	NORTH AMERICAN VERTICAL DATUM 1988	

**TOWNSHIP 20 SOUTH RANGE 60 EAST
NORTHEAST QUARTER**




CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
DEPARTMENT OF PUBLIC WORKS	CONVERSION FACTOR
SURVEY DIVISION	METERS X (3937 / 1200) = US SURVEY FOOT
50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	NORTH AMERICAN VERTICAL DATUM OF 1988

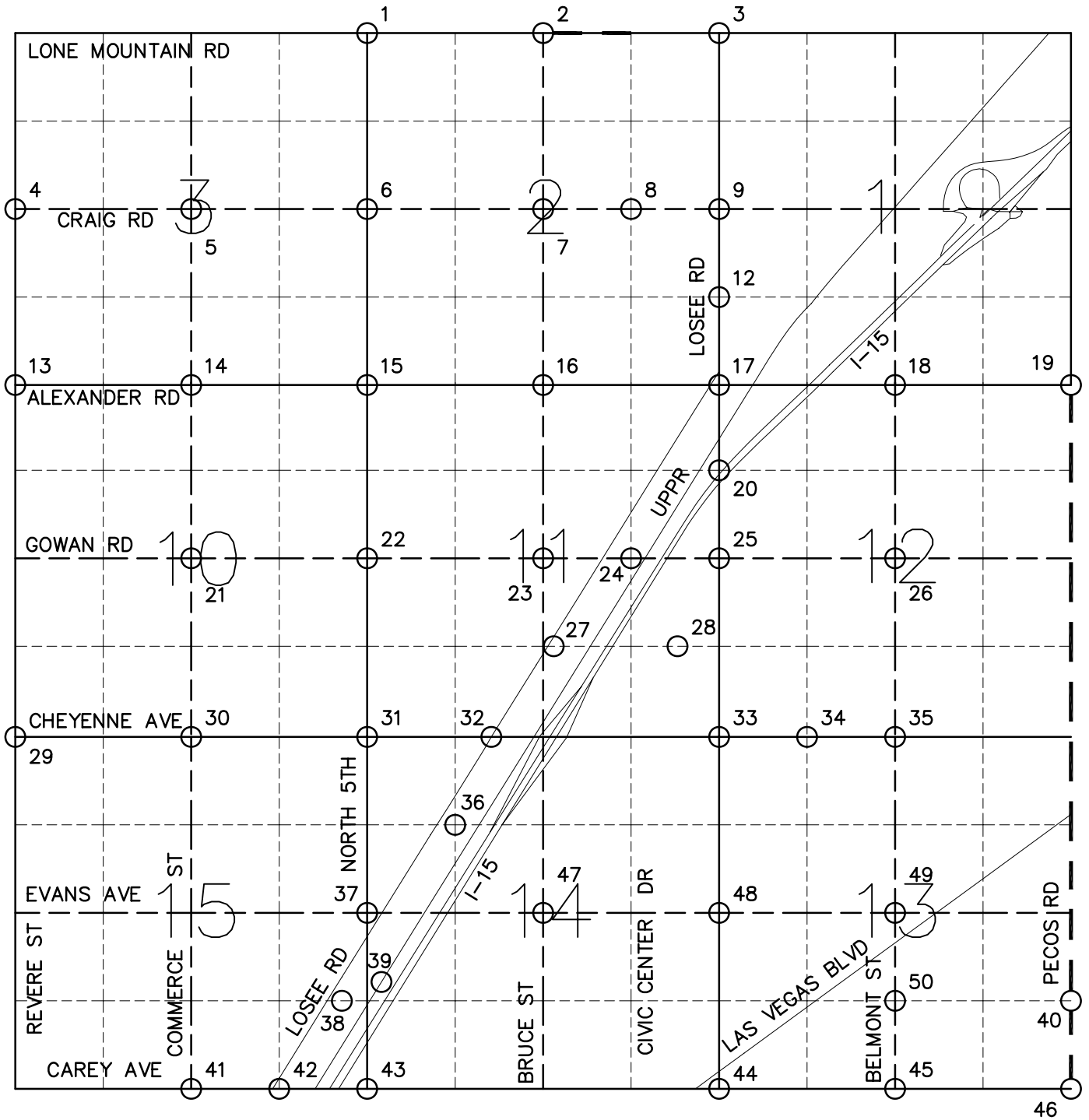
TOWNSHIP 20 SOUTH, RANGE 60 EAST
NORTHEAST QUARTER

Revision Date 11/1/2006

NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	9LV001SES	674.546	8164491 233775	Rivet and 2" round aluminum disk, stamped City of Las Vegas BM No. 9LV001SES, set in the top of curb located in the middle of the curb return on the northwest corner at the intersection of Alexander Rd. and Decatur Blvd.
2	NLV0012E4	678.16	8163638 233770	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0012E4, set in the top of curb, located approx. 17 feet south of the southwest south bcr at the intersection of Gowan Rd. and Decatur Blvd.
3	0LV0012SEE6	679.174	8163335 233773	Rivet and 2" round aluminum disk, stamped City of Las Vegas BM No. 0LV0012SEE6, set in the top of curb located approx. 0.5 feet north of the northwest north bcr of the intersection of Ricky Rd. and Decatur Blvd.
4	1LV0012SES	675.374	8162857 233774	Rivet and square aluminum plate, stamped City of Las Vegas BM No. 1LV0012SES, set in the top of curb, located in the northwest return of the intersection of Decatur Blvd. and Cheyenne Ave.
5	0LV0013W4	675.596	8162365 233741	Rivet and 2" round aluminum disk, stamped City of Las Vegas BM No. 0LV0013W4, set in the top of curb located approx. 6 feet south of the southeast south bcr of the northern most intersection of Rancho Dr. and Decatur Blvd.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
	DEPARTMENT OF PUBLIC WORKS SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	CONVERSION FACTOR METERS X (3937 ÷ 1200) = US SURVEY FOOT
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**TOWNSHIP 20 SOUTH RANGE 61 EAST
NORTHEAST QUARTER**




CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
DEPARTMENT OF PUBLIC WORKS	CONVERSION FACTOR
SURVEY DIVISION	METERS X (3937 / 1200) = US SURVEY FOOT
50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	NORTH AMERICAN VERTICAL DATUM OF 1988

TOWNSHIP 20 SOUTH, RANGE 61 EAST
NORTHEAST QUARTER

Revision Date 8/1/2008


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	202104	608.379	8166146 240336	1' 6" Diameter concrete monument, 49.3 feet south and 70.2 feet east of the Northwest corner of Section 2-20-61, Lone Mountain Rd. and North 5th St.
2	NLV012N4	599.989	8166157 241144	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV012N4, set in the top of curb, located approx. 16 feet east of the southeast east bcr at the intersection of Lone Mountain Rd. and Bruce St.
3	202102	593.811	8166163 241894	2 3/4" Brass cap in top of curb, 84.0 feet west and 35.2 feet south of the northeast corner of Section 2-20-61, 11.1 feet west of the west end of the curb return on the southwest corner of Lone Mountain Rd. and Losee Rd.
4	NLV013W4	626.002	8165300 238709	Rivet and 2" round aluminum disk, stamped North Las Vegas BM NLV013W4, set in the top of curb, located approx. 19 feet east of the southeast east bcr of Craig Rd. and Revere St.
5	NLV013C4	613.287	8165317 239539	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV013C4, set in the top of curb, located approx. 30 feet east of the southeast east bcr at the intersection of Craig Rd. and Commerce St.
6	NLV012W4	601.099	8165370 240392	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV012W4, set in the top of curb, located approx. 50 feet east of the northeast east bcr at the intersection of Craig Rd. and N. 5th St.
7	NLV012C4	594.186	8165379 241134	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV012C4, set in the top of curb, located approx. 14 feet west of the northwest west bcr at the intersection of Craig Rd. and Bruce St.
8	7C012E6	590.135	8165388 241563	Rivet and 2" round aluminum disk, stamped 7C012E6, set in the top of curb, located approx. 2 feet east of the northeast east bcr at the intersection of Craig Rd. and Lawrence St.
9	NLV012E4	588.121	8165395 241905	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV012E4, set in the top of curb, located approx. 23 feet west of the northwest west bcr at the intersection of Craig Rd. and Losee Rd.
10				Destroyed 2008
11				Destroyed 2008

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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NORTHEAST QUARTER

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NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
12	7C011SW6	585.247	8164952 241956	Rivet and 2" round aluminum disk, stamped BM 7C011SW6, set in the top of curb, located on the east side of Losee Rd. at the intersection of O'Neil Dr. and Losee Rd.
13	NLV0110NWS	636.221	8164471 238713	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0110NWS, set in the top of curb, located approx. 9 feet east of the southeast east bcr at the intersection of Alexander Rd. and Revere St.
14	NLV013S4	622.622	8164519 239515	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV013S4, set in the top of curb, located approx. 23 feet west of the northwest west bcr at the intersection of Alexander Rd. and Commerce St.
15	NLV013SES	597.637	8164569 240379	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV013SES, set in the top of curb, located approx. 38 feet north of the northwest north bcr at the intersection of Alexander Rd. and N. 5th St.
16	NLV0111N4	586.419	8164533 241222	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0111N4, set in the top of curb, located approx. 10 feet east of the southeast east bcr at the intersection of Alexander Rd. and Bruce St.
17	NLV011SWS	581.923	8164564 241963	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV011SWS, set in the top of curb, located , on the east side of Losee Rd. approx. 30 feet north of the intersection of Alexander Rd, and Losee Rd.
18	NLV0112N4	579.026	8164543 242736	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0112N4, set in the top of curb, located at the southwest corner of Alexander Rd. and Belmont St.
19	NLV011SES	577.329	8164584 243551	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV011SES, set in the top of curb, located at the northwest corner of Alexander Rd. and Pecos Rd.
20	7C0111NEE6	581.081	8164183 241769	Rivet and square aluminum plate, stamped BM 7C0111NEE6, set in the top of curb, located on the east side of Losee Rd., approx. at 3824 Losee Rd.
21	NLV0110C4	624.381	8163705 239542	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0110C4, set in the top of curb, located approx. 8 feet west of the southwest west bcr at the intersection of Gowan Rd. and Commerce St.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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TOWNSHIP 20 SOUTH, RANGE 61 EAST
NORTHEAST QUARTER

Revision Date 11/1/2006


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
22	NLV0110E4	601.358	8163705 240384	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0110E4, set in the top of curb, located approx. 10 feet south of the southwest south bcr at the intersection of Gowan Rd. and N. 5th St.
23	NLV0111C4	585.452	8163724 241177	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0111C4, located on a 3' diameter concrete light standard base at the southwest corner of Gowan Rd. and Bruce St.
24	7C0111E6	581.365	8163742 241510	Rivet and square aluminum disk, stamped BM 7C0111E6, set in the top of curb, located northeast of the intersection of Gowan Rd. and Losee Rd.
25	NLV0112W4	576.977	8163735 241950	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0112W4, located in the top of curb on the south side of Gowan Rd. approx. 250 feet west of Civic Center Dr., 7 feet south and 10 feet east of the section corner of Section 1 T20S R61E.
26	NLV0112C4	572.727	8163756 242744	Rivet and 2" round aluminum disk, stamped North Las Vegas BM NLV0112C4, set in the top of curb, located , approx. 22 feet west of the northwest west bcr of the intersection of Gowan Rd. and Belmont St.
27	7C0111SE6	583.441	8163328 241266	Rivet and square aluminum plate, stamped BM 7C0111SE6, set in the top of curb, located on the east side of Losee Rd. approx. 150 feet north of intersection of Colton Ave. and Losee Rd.
28	21146	577.842	8163307 241815	1' 6" Diameter concrete monument 1.0 feet back of sidewalk in the center of the curb return on the southeast corner of Mary Dee Ave. and Civic Center Dr., stamped NLV BM.
29	NLV0110SWS	637.651	8162939 238803	Rivet and 2" round aluminum disk, stamped North Las Vegas BM NLV0110SWS, set in the top of curb, located approx. 12 feet east of the northeast east bcr of Cheyenne Ave. and Revere St.
30	NLV0110S4	616.391	8162957 239556	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0110S4, set in the top of curb, located at the northwest corner of the intersection of Cheyenne Ave. and Commerce St.
31	NLV0110SES	603.903	8162936 240367	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0110SES, set in the top of curb, located at the northwest corner of the intersection of Cheyenne Ave. and N. 5th St.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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NORTHEAST QUARTER

Revision Date 8/1/2008


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
32	NLV0111S4U	587.361	8162996 241072	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. , set in the top of curb, located approx. 100 feet north of the north return of the northeast corner of the intersection of Cheyenne Ave. and Losee Rd.
33	NLV0113NWS	573.072	8162905 242001	Rivet and 2" round aluminum disk, stamped North Las Vegas BM NLV0113NWS, set in the top of curb, located at the southeast east bcr of the intersection of Cheyenne Ave. and Carroll St.
34	21333	570.899	8162906 242316	1' 6" Diameter concrete monument 1.0 feet back of sidewalk in the center of the curb return on the southeast corner of Berg St. and Cheyenne Ave., marked by a 4" X 4" x 5' white post, stamped NLV BM.
35	NLV0112S4	568.523	8162937 242792	Rivet and 2" round aluminum disk, stamped North Las Vegas BM NLV0112S4, set in the top of curb, located , approx. 22 feet west of the northwest west bcr of the intersection of Cheyenne Ave. and Van Der Meer St.
36	7C0114NW6	587.346	8162524 240794	Rivet and square aluminum plate, stamped BM 7C0114NW6, set in the top of curb, located on the east side of Losee Rd. northeast of the intersection of Brooks Ave. and Losee Rd.
37	NLV0114W4	591.597	8162098 240394	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0114W4, set in the top of curb, located on the east side of N. 5th St., 10 feet north of the intersection of N. 5th St. and Evans Ave.
38	7C0115SEE6	590.193	8161735 240330	Rivet and square aluminum plate, stamped BM 7C0115SEE6, set in the top of curb, located on the east side of Losee Rd., approx. 1/4 mile north of Carey Ave. at the north wall line of 2608 Losee Rd.
39	7C0114SWW6	588.293	8162097 240543	Rivet and square aluminum plate, stamped BM 7C0114SWW6, set in the top of curb, located on the east side of Losee Rd., approx. 1/2 mile north of Carey Ave. near the southwest property corner of 2860 Losee Rd.
40	21319	560.177	8161754 243584	1' 6" Diameter concrete monument 1.0 feet back of sidewalk, 92.3 feet north of the intersection of Cartier Ave. and Pecos Rd., on the west side of Pecos Rd.
41	NLV0115S4	604.631	8161306 239586	Rivet and 2" round aluminum disk, stamped North Las Vegas BM NLV0115S4, set in the top of curb, located approx. 15 feet west of the northwest west bcr of Carey Ave. and Commerce St.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
	DEPARTMENT OF PUBLIC WORKS	CONVERSION FACTOR
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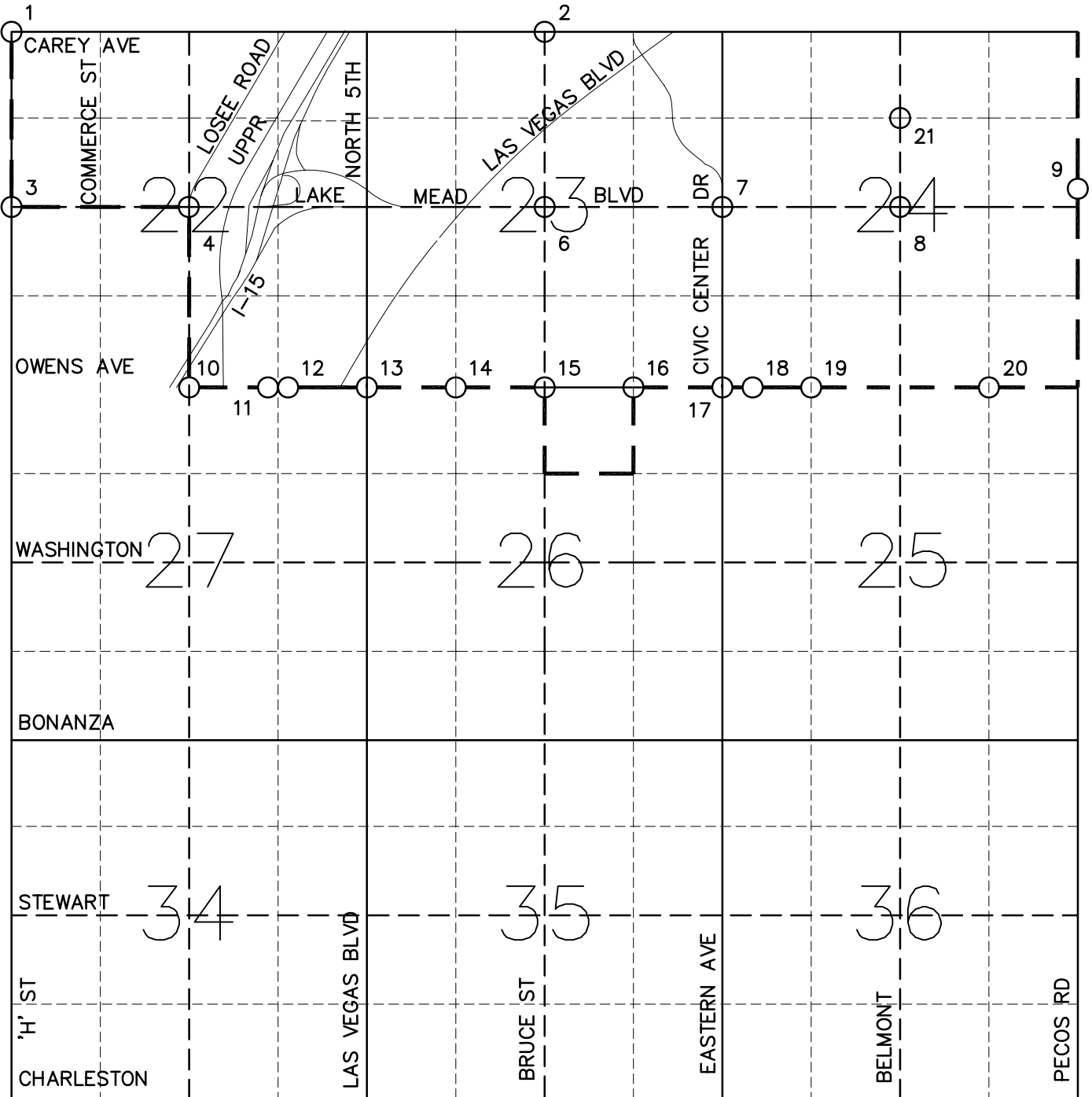
TOWNSHIP 20 SOUTH, RANGE 61 EAST
NORTHEAST QUARTER

Revision Date 11/1/2006

NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
42	7C0115SES	591.392	8161333 240094	Rivet and square aluminum plate, stamped BM 7C0115SES, set in the top of curb, located approx. 13 feet north of the northeast north bcr of Carey Ave. and Losee Rd.
43	22343	579.53	8161319 240660	1' 6" Diameter concrete monument, 1.0 feet back of sidewalk 180.6 feet east of the intersection of Carey Ave. and White St. on the north side of Carey Ave.
44	NLV0114SES	564.835	8161318 241987	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0114SES, set in the top of curb, located on the north side of Carey Ave., approx. 200' west of Carroll St.
45	22411	560.613	8161339 242847	1' 6" Diameter concrete monument 1.0 feet back of sidewalk at the north end of the curb return an the northeast comer of the intersection of Carey Ave. and Belmont St.
46	21310	557.86	8161347 243618	1' 6" Diameter concrete monument, 1.0 feet back of sidewalk at the northeast corner of the intersection of Carey Ave. and Pecos Rd.
47	C1	578.323	8162113 241201	Rivet and 2" round aluminum disk set in 1 foot diameter concrete cylinder, stamped City of North Las Vegas Benchmark C1, located approx. 3 feet back of the back of sidewalk in the center of the northeast curb return of Evans Ave. and Fort Sumter Dr.
48	NLV0114E4	568.702	8162109 241964	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0114E4, in the top of curb on the south side of Evans St. 200 feet west of Carroll St.
49	NLV0113C4	564.349	8162014 242813	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0113C4, in the top of curb, 100 feet east of the southeast return of Las Vegas Blvd. and Belmont St.
50	21313	562.517	8161721 242817	1' 6" Diameter concrete monument 9 feet back of the west sidewalk and 230 feet north of the intersection of Haddock Ave. and Belmont St., stamped NLV BM.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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**TOWNSHIP 20 SOUTH RANGE 61 EAST
SOUTHEAST QUARTER**




CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
DEPARTMENT OF PUBLIC WORKS SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	CONVERSION FACTOR
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TOWNSHIP 20 SOUTH, RANGE 61 EAST
SOUTHEAST QUARTER

Revision Date 11/1/2009


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	NLV0122NWS	623.221	8161280 238830	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0122NWS, set in the top of curb, located at the southeast corner of the intersection of Carey Ave. and Revere St.
2	NLV0123N4	573.877	8161288 241217	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0123N4, set in the top of curb, located , at the southeast corner of the intersection of Carey Ave. and Bruce St.
3	NLV0122W4	619.605	8160482 238821	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0122W4, set in the top of curb, located at the northeast corner of Lake Mead Blvd. and Revere St.
4	NLV0122C4	600.043	8160505 239605	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0122C4, set in the top of curb, located at the northwest corner of Lake Mead Blvd. and Losee Rd.
5				Destroyed 2009
6	NLV0123C4	570.223	8160615 241198	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0123C4, set in the top of curb, located at the northeast corner of the intersection of Bruce St. and Hunkins Dr.
7	NLV0124W4	563.269	8160531 242008	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0124W4, set in the top of curb, located at the northeast corner of the intersection of Lake Mead Blvd. and Civic Center Dr.
8	NLV0124C4	559.111	8160497 242870	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0124C4, set in the top of curb, located , approx. 13 feet east of the southeast east bcr of the intersection of Lake Mead Blvd and Belmont St.
9	22408	557.263	8160578 243592	1' 6" Diameter concrete monument 22.4 feet back of sidewalk on the west side of Pecos Rd. 46.7 feet north of the south end of a 6 foot high block fence, approx. 254.5 feet north of the east quarter corner of Section 24-20-61
10	7C0122S4	596.664	8159670 239771	Rivet and square aluminum plate, stamped BM 7C0122S4, set in the top of curb, located on the north side of Owens Ave. at the east face of railroad bridge and under the railroad bridge on Owens Ave.

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SOUTHEAST QUARTER

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NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
11	7C0122SSE6	585.435	8159682 240078	Rivet and square aluminum plate stamped 7C0122SSE6, set in top of curb, located on the northeast corner of Owens Ave. and Davis Place, near the PC of Owens Ave.
12	2LV0122SSE6	580.583	8159682 240309	Rivet and 2" round aluminum disk, stamped City of Las Vegas BM No. 2LV0122SSE6, set in the top of curb, located in the middle of the northeast curb return of the intersection of Owens Ave. and Main St.
13	7C0123SWS	579.171	8159682 240429	Rivet and square aluminum plate stamped 7C0123SWS, set in top of curb, located on the northeast corner of Owens Ave. and Las Vegas Blvd., near the PC of Owens Ave.
14	7C0123SSW6	575.67	8159685 240734	Rivet and square aluminum plate stamped 7C0123SSW6. set in top of curb, located on the northeast corner of Owens Ave. and Woodard St., near the PC of Owens Ave.
15	7C0123S4	569.564	8159687 241237	Rivet and square aluminum plate stamped 7C0123S4, set in top of curb, located on the northeast corner at the intersection of Owens Ave. and Bruce St., near the PC of Owens Ave.
16	7C0123SSE6	565.732	8159691 241631	Rivet and square aluminum plate stamped 7C0123SSE6, located in top of curb, on the northeast corner of Owens Ave. and McDaniel St., near the PC of Owens Ave.
17	NLV0123SES	562.527	8159716 242008	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0123SES, set in the top of curb, located , approx. 42 feet north of the northwest north bcr of the intersection of Owens Ave. and Civic Center Dr.
18	0LV0124SWS	562.176	8159696 242041	Rivet and 2" round aluminum disk, stamped City of Las Vegas BM No. 0LV0124SWS, set in the top of curb located approx. 2 feet east of the northeast east bcr of the intersection of Owens Ave. and Civic Center Dr.
19	7C0124SSW6	559.751	8159687 242436	Rivet and square aluminum plate stamped 7C0124SSW6, set in top of curb, located on the northeast corner of Owens Ave. and Patricia St., near the PC of Owens Ave.
20	7C0124SSE6	555.38	8159672 243206	Rivet and square aluminum plate stamped 7C0124SSE6, set in top of curb, located on the northeast corner of Owens Ave. and Palmer St., near the PC of Owens Ave.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
	DEPARTMENT OF PUBLIC WORKS	CONVERSION FACTOR
	SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	METERS X (3937 ÷ 1200) = US SURVEY FOOT NORTH AMERICAN VERTICAL DATUM 1988

TOWNSHIP 20 SOUTH, RANGE 61 EAST
SOUTHEAST QUARTER

Revision Date 11/1/2006


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
21	22412	559.384	8160938 242832	1' 6" Diameter concrete monument 1.0 foot back of sidewalk on the northwest corner at the north end of the curb return at the intersection of Belmont ST. and Judson Ave., stamped NLV BM.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
	DEPARTMENT OF PUBLIC WORKS SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	CONVERSION FACTOR METERS X (3937 ÷ 1200) = US SURVEY FOOT
	NORTH AMERICAN VERTICAL DATUM 1988	

TOWNSHIP 20 SOUTH, RANGE 61 EAST
SOUTHWEST QUARTER

Revision Date 5/1/2009


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	7C0119NNW6	667.332	8161196 234612	Rivet and 2" round aluminum disk, stamped BM 7C0119NNW6, set in the top of curb, located at the southeast corner of Carey Ave. and Rancho Dr.
2	NLV0120N4A	642.657	8161234 236388	Rivet and 2" round aluminum disk, stamped North Las Vegas BM NLV0120N4A, set in the top of curb, located approx. 4.0 feet south of the southeast south bcr of the intersection of Carey Ave. and Simmons St.
3	5LV0121NNW6	630.063	8161250 237584	Rivet and square aluminum plate, stamped City of Las Vegas BM No. 5LV0121NNW6, set in the top of curb, located approx. 1.0 feet south of the southwest south bcr at the intersection of Carey Ave. and Comstock Dr.
4	2LV0121N4	627.458	8161255 238010	Rivet and 2" round aluminum disk, stamped City of Las Vegas BM No. 2LV0121N4, set in the top of curb, located in the southeast curb return of the intersection of Carey Ave. and Martin L. King Blvd.
5	5LV0121NES	623.323	8161281 238788	Rivet and 2" round brass disk, stamped City of Las Vegas BM No. 5LV0121NES, set in the top of curb located approx. 4 feet west of the southwest west bcr at the intersection of Carey Ave. and "H" St.
6	2LV0119N6	663.671	8160936 234758	Rivet and 2" round aluminum disk, stamped City of Las Vegas BM No. 2LV0119N6, set in the top of curb, located at the southwest corner of Lake Mead Blvd. and Rancho Dr.
7	7C0119E6	656.584	8160428 235181	Rivet and 2" round aluminum disk, stamped 1997 BM 7C0119E6, set in the top of curb, located in the southeast corner of the intersection of Coran Ln. and Rancho Dr.
8	NLV0119E4	648.656	8160458 235550	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0119E4, set in the top of curb, located at the northwest corner of the intersection of Coran Ln. and Allen Ln.
9	5LV0120W6	644.29	8160447 235996	Rivet and 2" round brass disk, stamped City of Las Vegas BM No. 5LV0120W6, set in the top of curb located approx. 1.5 feet east of the southeast east bcr at the intersection of Coran Ln. and Ferrell St.
10	NLV0120C4A	641.239	8160640 236353	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0120C4A, set in the top of curb, located approx. 16 feet west of the southwest west bcr of Lake Mead Blvd. and Simmons St.
11	NLV0120C4	640.831	8160445 236393	Rivet and square aluminum plate, stamped City of Las Vegas BM No., and engraved NLV0120C4 set in the top of curb, located at the southeast corner of Coran Ln. and Simmons St.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
	DEPARTMENT OF PUBLIC WORKS	CONVERSION FACTOR
	SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	METERS X (3937 ÷ 1200) = US SURVEY FOOT NORTH AMERICAN VERTICAL DATUM 1988

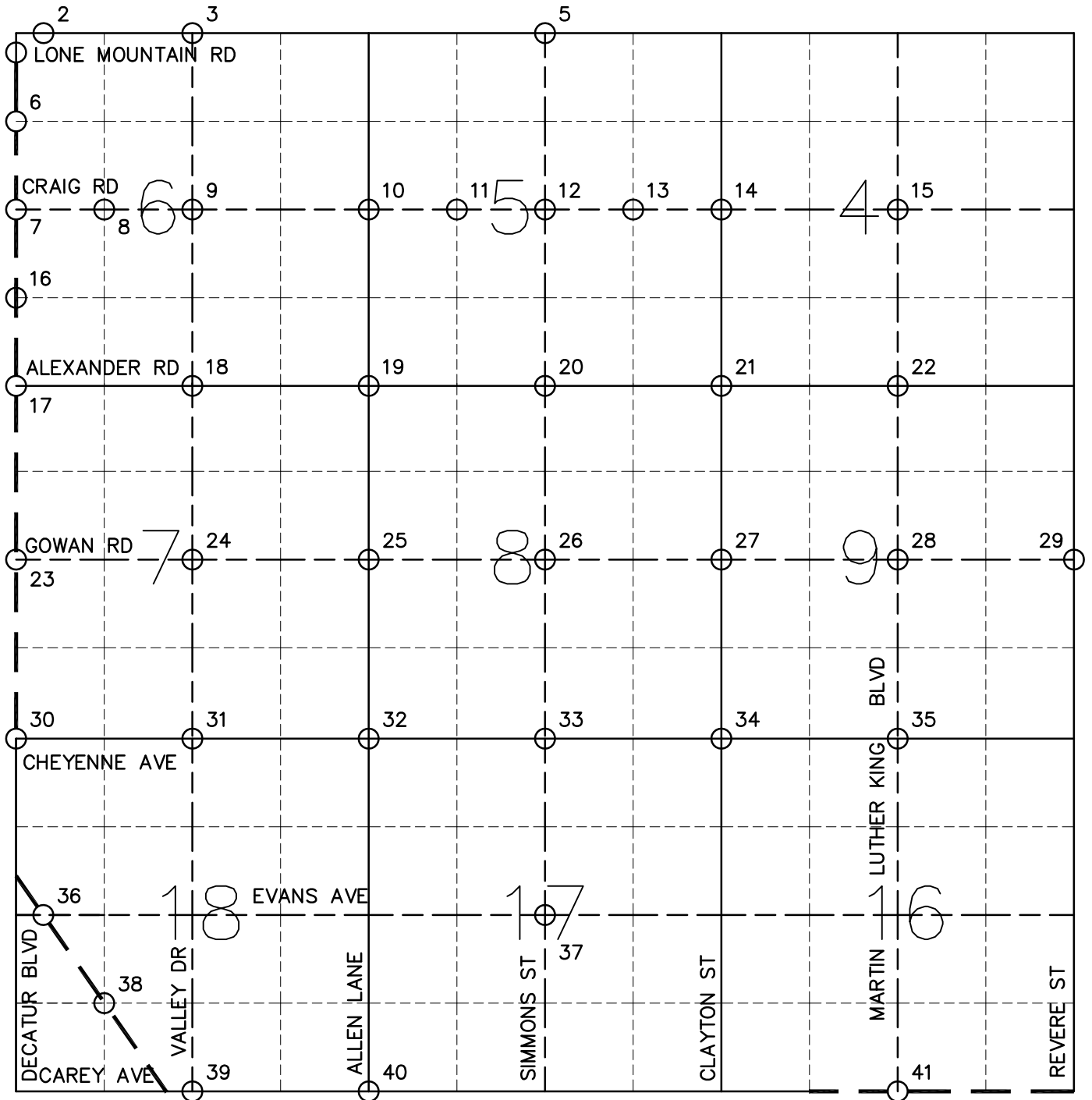
TOWNSHIP 20 SOUTH, RANGE 61 EAST
SOUTHWEST QUARTER

Revision Date 11/1/2006

NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
12	NLV0121W4	630.397	8160480 237202	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0121W4, set in the top of curb, located on the north side of Lake Mead Blvd. at Tonopah St.
13	5LV0121W6	628.429	8160479 237578	Rivet and 2" round brass disk, stamped City of Las Vegas BM No. 5LV0121W6, set in the top of curb located approx. 7.0 feet west of the northwest west bcr at the intersection of Lake Mead Blvd. and Comstock Dr.
14	2LV0121C4	625.577	8160487 238014	Rivet and 2" round aluminum disk, stamped City of Las Vegas BM No. 2LV0121C4, set in the top of curb, located in the northeast curb return of the intersection of Lake Mead Blvd. and Martin L. King Blvd.
15	2LV0121E4	620.068	8160483 238793	Rivet and 2" round aluminum disk, stamped City of Las Vegas BM No. 2LV0121E4, set in the top of curb, located in the northwest return of the intersection of Revere St. and Lake Mead Blvd.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
	DEPARTMENT OF PUBLIC WORKS SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	CONVERSION FACTOR METERS X (3937 ÷ 1200) = US SURVEY FOOT
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**TOWNSHIP 20 SOUTH RANGE 61 EAST
NORTHWEST QUARTER**




CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
DEPARTMENT OF PUBLIC WORKS	CONVERSION FACTOR
SURVEY DIVISION	METERS X (3937 / 1200) = US SURVEY FOOT
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TOWNSHIP 20 SOUTH, RANGE 61 EAST
NORTHWEST QUARTER

Revision Date 12/1/2013


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	1LV016NWS	673.542	8166088 233787	Rivet and square aluminum plate, stamped City of Las Vegas BM No. 1LV016NWS, set in the top of curb, located approx. 4 feet south of the southeast east bcr of the intersection of Lone Mountain Rd. and Decatur Blvd.
2	206112	673.419	8166098 233798	2 3/4" Brass cap set in top of curb 78.5 feet east and 45.2 feet south of the northwest corner of Section 6-20-61, 5.1 feet east of the east end of the curb return on the southeast corner of Lone Mountain Rd. and Decatur Blvd.
3	206111	670.377	8166108 234607	2 3/4" Brass cap in the top of curb 81.7 feet east and 45.3 feet south of the north quarter corner of Section 6-20-61, 7.5 feet east of the east end of the curb return on the southeast corner of Lone Mountain Rd. and Valley Dr.
4				Destroyed 2013
5	NLV015N4	656.085	8166116 236216	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV015N4, set in the top of curb, located approx. 4 feet west of the southwest west bcr at the intersection of Lone Mountain Rd. and Simmons St.
6	0LV016NWW6	674.541	8165736 233786	Rivet and 2" round aluminum disk, stamped City of Las Vegas BM No. 0LV016NWW6, set in the top of curb located at the southeast corner of Estates Dr. and Decatur Blvd.
7	NLV016W4	673.687	8165243 233799	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV016W4, set in the top of curb, located approx. 15 feet east of the northeast east bcr at the intersection of Craig Rd. and Decatur Blvd.
8	7C016W6	671.975	8165263 234207	Rivet and square aluminum plate stamped 7C016W6, set in the top of curb, located approx. 11 feet east of the northeast east bcr at the intersection of Craig Rd. and San Mateo St.
9	NLV016C4	670.333	8165281 234574	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV016C4, set in the top of curb, located approx. 19 feet west of the northwest west bcr at the intersection of Craig Rd. and Valley Dr.
10	NLV015W4	665.329	8165323 235432	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV015W4, set in the top of curb, located approx. 28 feet east of the northeast east bcr at the intersection of Craig Rd. and Allen Ln.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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TOWNSHIP 20 SOUTH, RANGE 61 EAST
NORTHWEST QUARTER

Revision Date 12/1/2013


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
11	7C015W6	661.776	8165325 235838	Rivet and 2" round aluminum disk, stamped BM 7C015W6 1997, set in the top of curb, located at the northeast corner of their intersection of Craig Rd. and Ferrell St.
12	NLV015C4	656.895	8165329 236278	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV015C4, set in the top of curb, located approx. 46 feet east of the northeast east bcr at the intersection of Craig Rd. and Simmons St.
13	7C015E6	652.751	8165330 236664	Rivet and 2" round aluminum disk, stamped BM 7C015E6 1997, set in the top of curb, located at the northeast corner of the intersection of Craig Rd. and Coleman.
14	NLV015E4	646.598	8165332 237028	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV015E4, set in the top of curb, located approx. 18 feet west of the northwest west bcr at the intersection of Craig Rd. and Clayton St.
15	NLV014C4	637.305	8165334 237903	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV014C4, set in the top of curb, located approx. 22 feet east of the northeast east bcr at the intersection of Craig Rd. and Camino Al Norte.
16	0LV016SWW6	673.047	8164864 233795	Rivet and 2" round aluminum disk, stamped City of Las Vegas BM No. 0LV016SWW6, set in the top of curb located in the northeast curb return at the intersection of San Miguel Ave. and Decatur Blvd.
17	NLV016SWS	674.542	8164500 233803	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV016SWS, set in the top of curb, at the northeast corner of the intersection of Alexander Rd. and Decatur Blvd.
18	NLV016S4	669.838	8164494 234590	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV016S4, set in the top of curb, located approx. 23 feet west of the northwest west bcr at the intersection of Alexander Rd. and Valley Dr.
19	NLV015SWS	666.625	8164500 235445	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV015SWS, set in the top of curb, located approx. 18 feet east of the northeast east bcr at the intersection of Elkhorn Rd. and Widewing Dr.
20	NLV015S4	660.468	8164498 236215	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV015S4, set in the top of curb, located approx. 11 feet west of the northwest west bcr at the intersection of Alexander Rd. and Simmons St.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
	DEPARTMENT OF PUBLIC WORKS SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	CONVERSION FACTOR METERS X (3937 ÷ 1200) = US SURVEY FOOT
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TOWNSHIP 20 SOUTH, RANGE 61 EAST
NORTHWEST QUARTER

Revision Date 12/1/2013


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
21	NLV015SES	652.58	8164496 237036	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV015SES, set in the top of curb, located approx. 8 feet west of the southwest west bcr at the intersection of Alexander Rd. and Clayton St.
22	NLV019N4	640.675	8164483 237904	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV019N4, set in the top of curb, located approx. 24 feet east of the southeast east bcr at the intersection of Alexander Rd. and Martin L. King Blvd.
23	NLV017W4	678.326	8163687 233797	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV017W4, set in the top of curb, located approx. 10 feet north of the northeast north bcr at the intersection of Gowan Rd. and Decatur Blvd.
24	NLV017C4	670.933	8163684 234633	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV017C4, set in the top of curb, located approx. 12 feet west of the northwest west bcr at the intersection of Gowan Rd. and Valley Dr.
25	NLV017E4	667.901	8163671 235441	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV017E4, set in the top of curb, located approx. 23 feet west of the southwest west bcr at the intersection of Gowan Rd. and Allen Ln.
26	NLV018C4	669.254	8163679 236247	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV018C4, set in the top of curb, located approx. 27 feet west of the southwest west bcr at the intersection of Gowan Rd. and Simmons St.
27	NLV018E4	658.489	8163681 237061	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV018E4, set in the top of curb, located approx. 38 feet west of the southwest west bcr at the intersection of Gowan Rd. and N. Clayton St.
28	NLV019C4	650.347	8163709 237944	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV019C4, set in the top of curb, located approx. 36 feet east of the northeast east bcr at the intersection of Gowan Rd. and Martin L. King Blvd.
29	NLV019E4	637.472	8163713 238711	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV019E4, set in the top of curb, located approx. 8 feet west of the northwest west bcr at the intersection of Gowan Rd. and Revere St.
30	NLV017SWS	674.754	8162857 233826	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV017SWS, set in the top of curb, located at the northeast corner of the intersection of Cheyenne Ave. and Decatur Blvd.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
	DEPARTMENT OF PUBLIC WORKS	CONVERSION FACTOR
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TOWNSHIP 20 SOUTH, RANGE 61 EAST
NORTHWEST QUARTER

Revision Date 12/1/2013


NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
31	NLV017S4	669.03	8162873 234674	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV017S4, set in the top of curb, located at the northwest corner of the intersection of Cheyenne Ave. and Valley Dr.
32	NLV017SES	665.339	8162888 235470	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV017SES, set in the top of curb, located at the northwest corner of the intersection of Cheyenne Ave. and Valley Dr.
33	NLV018S4	665.155	8162902 236279	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV018S4, set in the top of curb, located at the northwest corner of the intersection of Cheyenne Ave. and Simmons St.
34	NLV018SES	661.959	8162912 237097	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV018SES, set in the top of curb, located at the northwest corner of the intersection of Cheyenne Ave. and Clatyon St.
35	NLV019S4	655.839	8162918 237916	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV019S4, set in the top of curb, located at the northwest corner of the intersection of Cheyenne Ave. and Martin L. King Blvd.
36	5LV0118W4	673.539	8162044 233980	Rivet and 2" round brass disk, stamped City of Las Vegas BM No. 5LV0118W4, set in the top of curb, located in the approx. 40 feet north of the northeast north bcr of the southern most intersection of Rancho Dr. and Decatur Blvd.
37	NLV0117C4	656.117	8162097 236328	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0117C4, set in the top of curb, located approx. 70 feet north of the northwest return of the intersection of Evans Ave. and Simmons St.
38	NLVAPBM001	671.113	8161698 234240	Rivet and square aluminum plate, stamped BM NLVAP001, set in the top of curb, located in the nose of the east island at the intersection of Airport Dr. and Rancho.
39	NLV0118S4	664.217	8161253 234801	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0118S4, set in the top of curb, located on the north side of Carey Ave. approx 400 feet east of Rancho Dr.
40	NLV0117SWS	652.911	8161260 235574	Rivet and 2" round aluminum disk, stamped North Las Vegas BM NLV0117SWS, set in the top of curb, located on the north side of Carey Ave. approx. 0.5 miles east of Rancho Dr.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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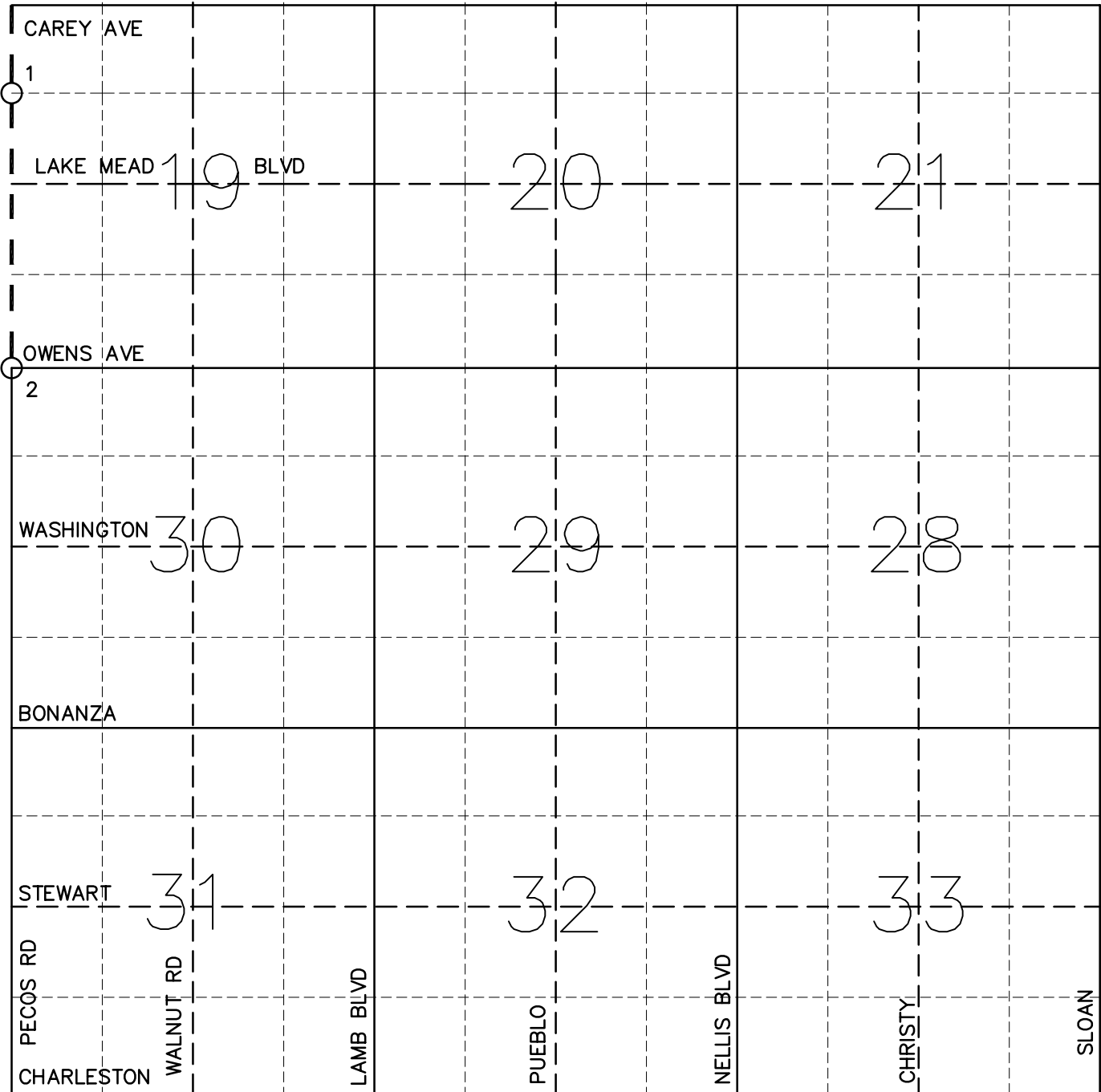
TOWNSHIP 20 SOUTH, RANGE 61 EAST
NORTHWEST QUARTER

Revision Date 12/1/2013

NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
41	NLV0116S4	627.487	8161291 238026	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV0116S4, set in the top, located at the northeast corner of the intersection of Carey Ave. and Martin L. King Blvd.

 CITY OF NORTH LAS VEGAS	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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**TOWNSHIP 20 SOUTH RANGE 62 EAST
SOUTHWEST QUARTER**




CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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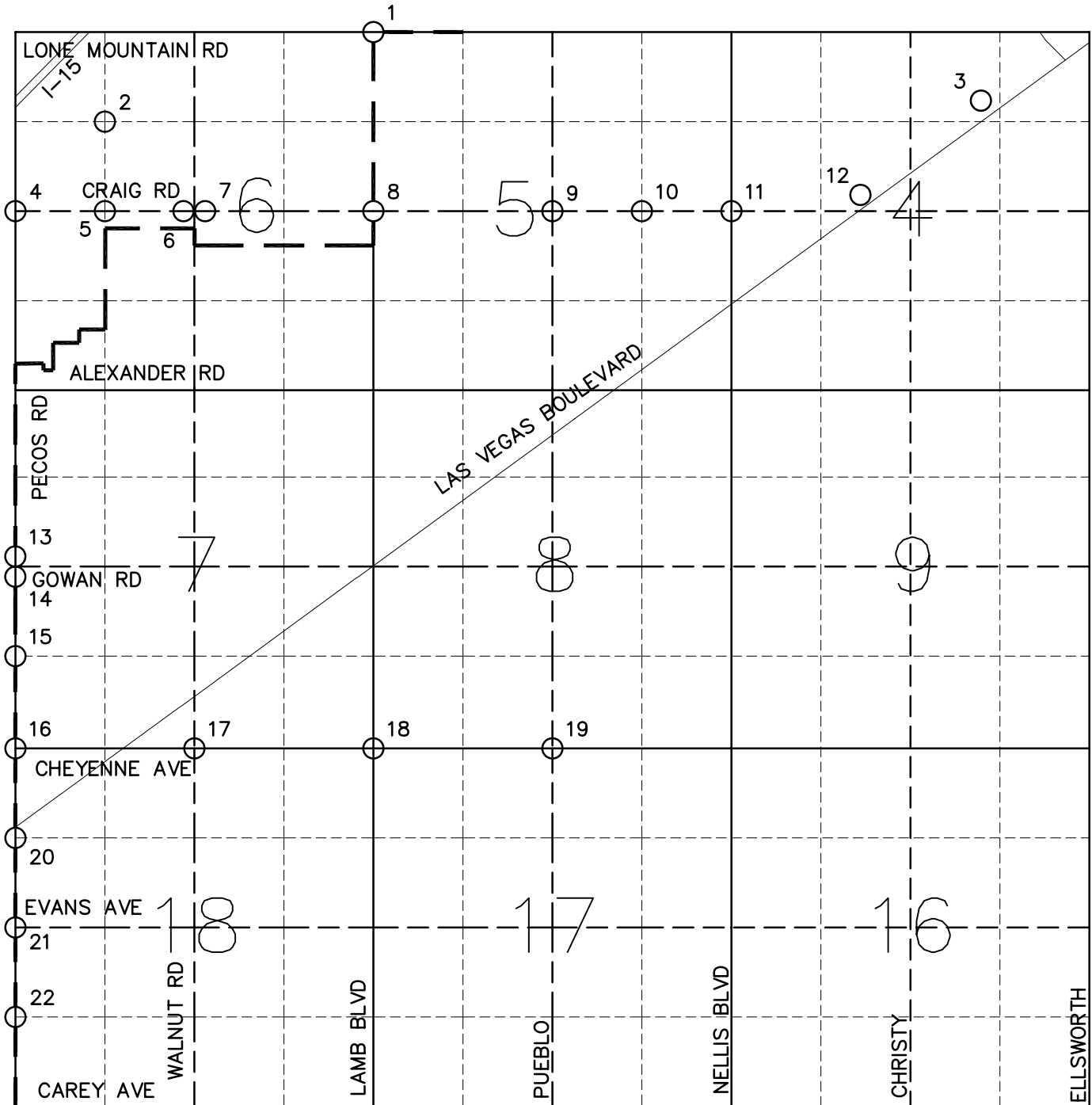
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SOUTHWEST QUARTER

Revision Date 11/1/2006

NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	7C0219NWW6	556.963	8160938 243621	Rivet and Square aluminum plate stamped 7C0219NWW6, set in the top of curb, located in the northeast return at the intersection of Pecos Rd. and Judson Ave.
2	7C0230NWS	553.096	8159642 243647	Rivet and square aluminum plate stamped 7C0230NWS, set in the top of curb, located on the southeast corner of the intersection of Pecos Rd. and Owens Ave.

 CITY OF NORTH LAS VEGAS	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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**TOWNSHIP 20 SOUTH RANGE 62 EAST
NORTHWEST QUARTER**



CITY OF NORTH LAS VEGAS VERTICAL CONTROL

DEPARTMENT OF PUBLIC WORKS

SURVEY DIVISION

50 EAST BROOKS AVENUE
NORTH LAS VEGAS, NEVADA 89030

CONVERSION FACTOR


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NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
1	NLV026NES	586.759	8166219 245211	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV026NES, set in the top of curb, located approx. 32 feet west of the southwest west bcr at the intersection of Lone Mountain Rd. and Lamb Blvd.
2	30626	582.248	8165903 244062	1' 6" Diameter concrete monument 6.0 feet back of curb in the center of the curb return on the southeast corner of Mitchell St. and Walnut Rd.
3	NLV024NE6	574.79	8165826 247987	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV024NE6, set in the top of curb, located approx. 25 feet northeast of the northeast north bcr at the south driveway to the Nellis Military Hospital on Las Vegas Blvd.
4	6C026W4	582.772	8165451 243658	Rivet and square aluminum disk, stamped 6C026W4, set in the top of curb, located approx. 7 feet west of the northwest west bcr at the intersection of Craig Rd. and Mitchel St.
5	7C026W6	581.223	8165458 244008	Rivet and 2" round aluminum disk stamped BM 7C026W4, set in the top of curb, located approx. 0.5 miles west of the intersection of Craig Rd. and Walnut Rd.
6	NLV026C4	579.812	8165487 244425	2.5" brass cap, stamped NLV BM 026C4, set in the top of curb, located approx. 10 feet north of the northeast north bcr at the intersection of Craig Rd. and Walnut Rd.
7	7C026C4	579.432	8165466 244446	Rivet and 2" round aluminum disk, stamped BM 7C026C4, set in the top of curb, located approx. 7 feet east of the northeast east bcr at the intersection of Craig Rd. and Walnut Rd.
8	6C026E4	578.078	8165482 245209	Rivet and square aluminum plate, stamped 6C026E4, set in the top of curb near the northwest west bcr of Craig Rd. and Lamb Blvd.
9	6C025C4	570.758	8165444 246059	Rivet and square aluminum plate stamped 6C025C4, set in the top of curb, located at the northwest corner of a parking lot at the southeast corner of Craig Rd. and Pueblo St.
10	6C025E6	570.193	8165451 246469	Rivet and square aluminum plate stamped BM 6C025E6, set in the top of curb, located at the northwest corner of a parking lot at the southeast corner of Craig Rd. and Lamont St.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
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NUMBER	BENCHMARK NAME	NAVD88 ELEVATION (METERS)	NORTHING EASTING (METERS)	DESCRIPTION
11	6C024W4	570.225	8165443 246859	Rivet and square aluminum plate stamped BM 6C024W4, set in the top of curb, located approx. 31 feet south of the southeast south bcr at the intersection of Craig Rd. and Nellis Blvd.
12	NLV024C4	572.243	8165509 247602	Rivet and 2" round aluminum disk, stamped North Las Vegas BM No. NLV024C4, set in the top of curb, located approx. 6 feet northeast of the southwest bcr of island located at the northeast corner of the intersection of Craig Rd. and Las Vegas Blvd.
13	21221	571.166	8163807 243590	1' 6" Diameter concrete monument 169.0 feet north of the intersection of Pecos Rd. and Gowan Rd. on the east side of pecos Rd., 2.0 feet back of sidewalk.
14	7C027W4	570.897	8163773 243588	Rivet and square aluminum plate stamped 7C027W4, set in top of curb, located on the northeast corner of Pecos Rd. and Gowan Rd.
15	7C027SWW6	569.159	8163359 243592	Rivet and square aluminum plate stamped 7C027SWW6, set in the top of curb, located on the northeast corner of Pecos Rd. and Colton Ave., near the pc of Pecos Rd.
16	7C027SWS	566.159	8162953 243597	Rivet and square aluminum plate stamped BM 7C027SWS, set in the top of curb, located at the northeast north bcr of Pecos Rd. and Cheyenne Ave.
17	NLV027S4	563.357	8162965 246071	Rivet and 2" round aluminum disk, stamped North Las Vegas BM NLV027S4, set in the top of curb, located approx. 17 feet west of the northwest west bcr of Cheyenne Ave. and Walnut Rd.
18	NLV027SES	561.785	8162950 244389	Rivet and 2" round aluminum disk, stamped North Las Vegas BM NLV027SES, set in the top of curb, located approx. 5 feet west of the northwest west bcr of Cheyenne Ave. and Lamb Blvd.
19	NLV028S4	559.09	8162956 245221	Rivet and 2" round aluminum disk, stamped North Las Vegas BM NLV018S4, set in the top of curb, located approx. 1.5 feet east of the northeast east bcr of Cheyenne Ave. and Marion Dr.
20	7C0218NWW6	564.419	8162582 243602	Rivet and square aluminum plate stamped 7C0218NWW6, set in top of curb, located in the southeast corner of Pecos Rd. and Las Vegas Blvd.
21	7C0218W4	562.229	8162136 243607	Rivet and square aluminum plate stamped 7C0218W4, set in top of curb, located on the northeast corner of Pecos Rd. and Alto Ave.
22	7C0218SWW6	559.9	8161741 243612	Rivet and square aluminum plate stamped 7C0218SWW6, set in top of curb, located on the northeast corner of Pecos Rd. and Cartier Ave.

 <p>CITY OF NORTH LAS VEGAS</p>	CITY OF NORTH LAS VEGAS VERTICAL CONTROL	
	DEPARTMENT OF PUBLIC WORKS	CONVERSION FACTOR
	SURVEY DIVISION 50 EAST BROOKS AVENUE NORTH LAS VEGAS, NEVADA 89030	METERS X (3937 ÷ 1200) = US SURVEY FOOT NORTH AMERICAN VERTICAL DATUM 1988