

CITY OF NORTH LAS VEGAS  
VERTICAL CONTROL

NORTH AMERICAN VERTICAL  
DATUM OF 1988

BENCHMARK BOOK

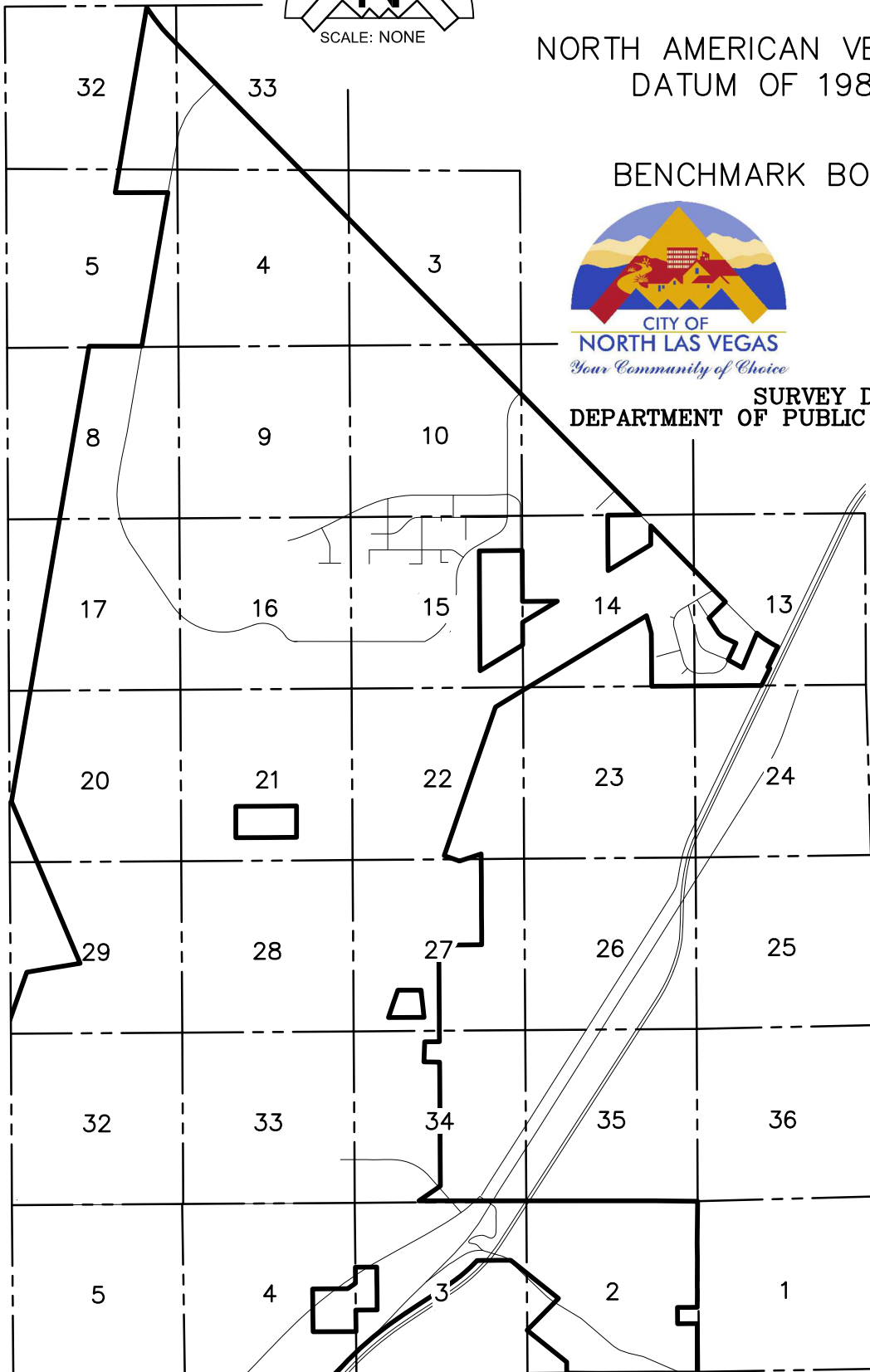


SURVEY DIVISION  
DEPARTMENT OF PUBLIC WORKS



T17S  
T18S

T18S  
T19S



R63E  
R64E

City of North Las Vegas  
Apex Benchmark Book Disclaimer

**END USER UNDERSTANDS AND AGREES THAT:**

This 2024 Apex Benchmark Book is the initial benchmarks set in the Apex area.

This Apex Benchmark Book is the result of the City of North Las Vegas Surveyors' office. This primary vertical control network was established from holding the unilaterally recognized and common stable NGS Benchmark J 171 published elevation and checking into several other nearby NGS Benchmarks.

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 are based upon the Nevada Coordinate Reference System, and are provided for each benchmark location as an aid to locate and verify that 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 2013 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**

10NWS	10NWN6	10N4	10NEN6	10NES
10NWW6	10NW6	10N6	10NE6	10NEE6
10W4	10W6	10C4	10E6	10E4
10SWW6	10SW6	10S6	10SE6	10SEE6
10SWS	10SWS6	10S4	10SES6	10SES

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 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).
- 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** **common to** Section 10 and Section 11, Township 19 South, Range 61 East.

Designates last number of Township ----- 9

Designates last number of Range ----- 1

Designates Section ----- 10

Direction locators from Center Quarter ----- NEE  
(See Note 2A)


Position designator ----- 6  
(See Note 2B)

————— City of North Las Vegas  
Corporate Boundary

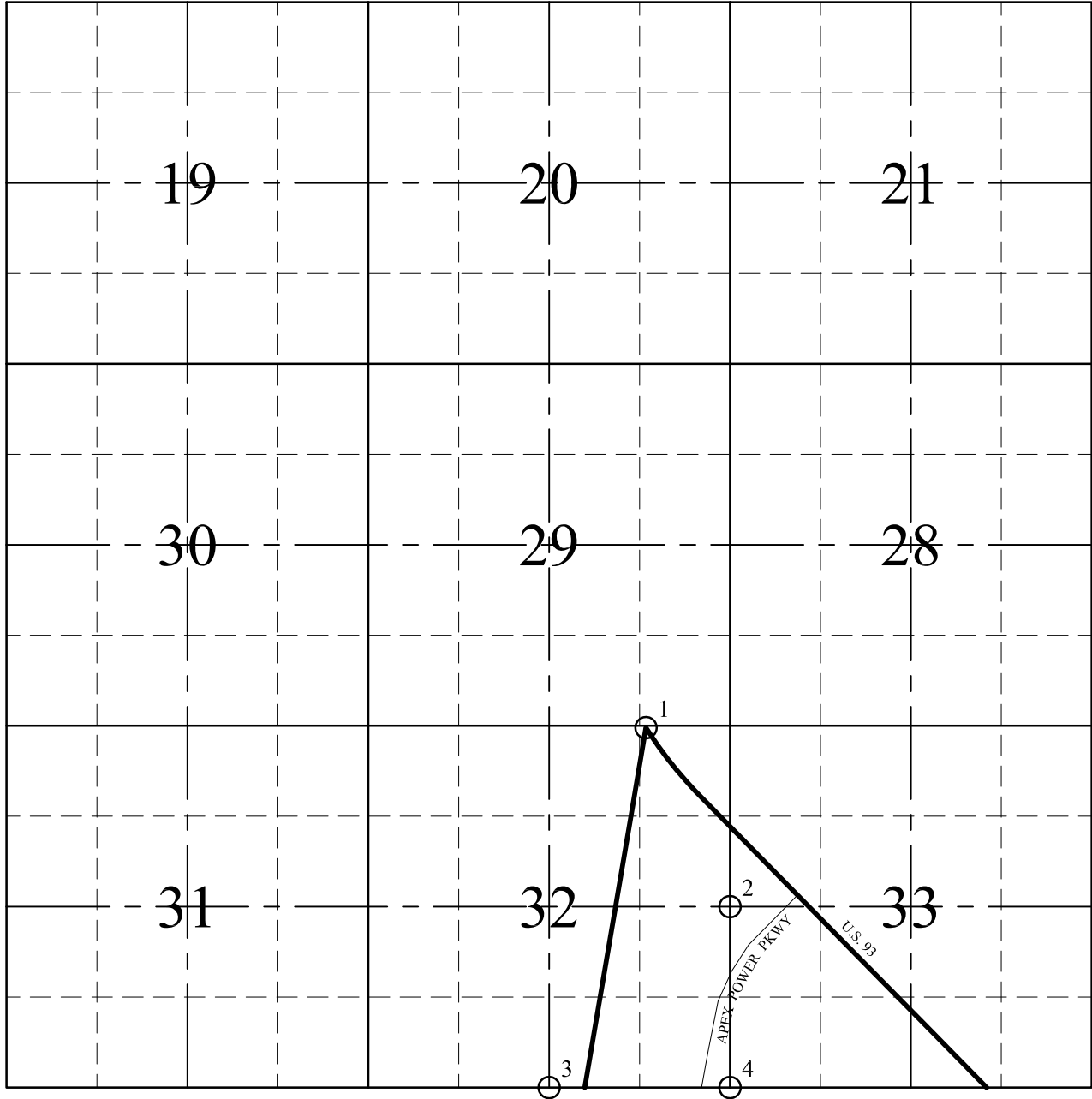
	<b>CITY OF NORTH LAS VEGAS VERTICAL CONROL</b>	
	DEPARTMENT OF PUBLIC WORKS SURVEY DIVISION 2250 LAS VEGAS BLVE., N., SUITE 243 NORTH LAS VEGAS, NV. 89030	<b>CONVERSION FACTOR</b> METERS X (3937/1200) = US SURVEY FOOT
		NORTH AMERICAN VERTICAL DATUM 1988


**CITY OF NORTH LAS VEGAS  
APEX BENCHMARK BOOK REVISION PAGE**

LOCATION	REVISED
T17S R63E	<u>NE</u>
	<u>SE</u>
	<u>SW</u>
	<u>NW</u>
T18S R63E	<u>NE</u>
	<u>SE</u>
	<u>SW</u>
	<u>NW</u>
T19S R63E	<u>NE</u>
	<u>SE</u>
	<u>SW</u>
	<u>NW</u>

 <p align="center"><b>CITY OF NORTH LAS VEGAS</b></p>	<b>CITY OF NORTH LAS VEGAS VERTICAL CONROL</b>	
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		NORTH AMERICAN VERTICAL DATUM 1988

TOWNSHIP 17 SOUTH, RANGE 63 EAST  
SOUTHWEST QUARTER




 <p>CITY OF NORTH LAS VEGAS</p>	<b>CITY OF NORTH LAS VEGAS VERTICAL CONROL</b>	
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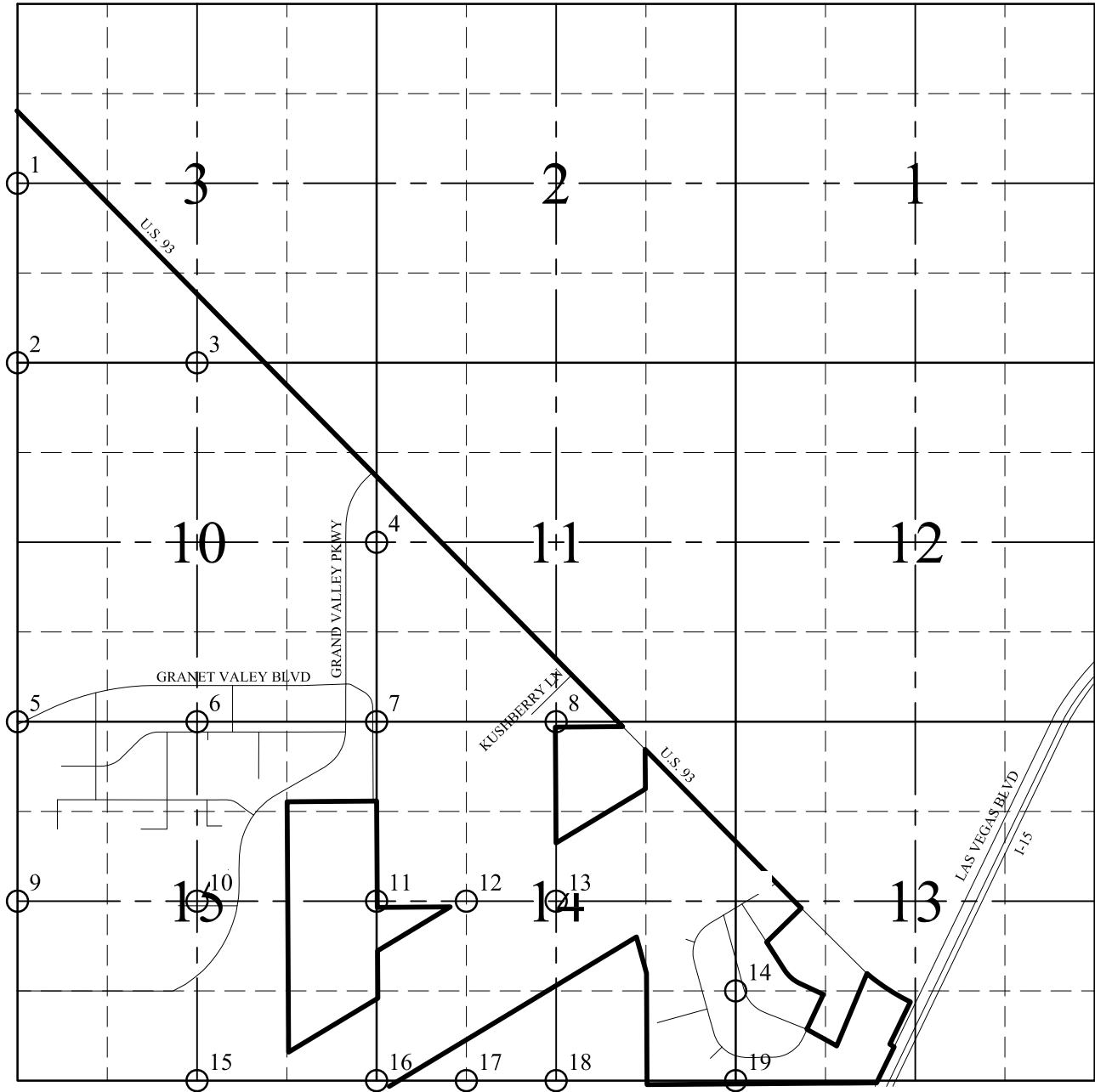
**TOWNSHIP 17 SOUTH, RANGE 63 EAST  
SOUTHWEST QUARTER**

PAGE REVISION DATE: 7/25/2024

REF. NUMBER	BENCHMARK NAME	NAVD88 ELEVATION	NORTHING EASTING NCRS (US.FT.)	DESCRIPTION
1	NLVJW681	US.FT. 2692.675 METERS 820.729	NORTHING 723620 EASTING 330466	Two inch disk stamped NLVJW861 dated 2023, tied to 3 inch BLM monument, WP , N52787, ROW US 93
2	NLV7333W4	US.FT. 2625.507 METERS 800.256	NORTHING 721035 EASTING 331371	Two inch disk stamped NLV7333W4 dated 2023, tied to the west quarter of Section 33 T17S R63E.
3	NLV7332S4	US.FT. 2659.954 METERS 810.756	NORTHING 718646 EASTING 328737	Two inch disk stamped NLV7332S4 dated 2023, tied to the south quarter of Section 32 T17S R63E.
4	NLV7333SWS	US.FT. 2571.983 METERS 783.942	NORTHING 718620 EASTING 331374	Two inch disk stamped NLV7333SWS dated 2023, tied to south west corner of Section 33 T17S R63E.

 <p><b>CITY OF NORTH LAS VEGAS</b></p>	<b>CITY OF NORTH LAS VEGAS VERTICAL CONTROL</b>	
	<p><b>DEPARTMENT OF PUBLIC WORKS SURVEY DIVISION</b> 2250 LAS VEGAS BLVD., N., SUITE 243 NORTH LAS VEGAS, NV. 89030</p>	<p><b>CONVERSION FACTOR</b> METERS X (3937 / 1200) = US SURVEY FOOT  NORTH AMERICAN VERTICAL DATUM 1988</p>

**TOWNSHIP 18 SOUTH, RANGE 63 EAST  
NORTHEAST QUARTER**



**CITY OF NORTH LAS VEGAS VERTICAL CONROL**

DEPARTMENT OF PUBLIC WORKS  
SURVEY DIVISION  
2250 LAS VEGAS BLVE., N., SUITE 243  
NORTH LAS VEGAS, NV. 89030

**CONVERSION FACTOR**


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NORTH AMERICAN VERTICAL DATUM 1988

**TOWNSHIP 18 SOUTH, RANGE 63 EAST  
NORTHEAST QUARTER**

PAGE REVISION DATE: 7/25/2024

REF. NUMBER	BENCHMARK NAME	NAVD88 ELEVATION	NORTHING EASTING NCRS (US.FT.)	DESCRIPTION
1	NLV833W4	US.FT. 2407.400 METERS 733.777	NORTHING 715805 EASTING 336645	Two inch disk stamped NLV833W4 dated 2023, tied to the west quarter of Section 3 T18S R63E.
2	NLV833SWS	US.FT. 2327.636 METERS 709.465	NORTHING 713165 EASTING 336642	Two inch disk stamped NLV833SWS dated 2023, tied to south west corner of Section 3 T18S R63E.
3	NLV833S4	US.FT. 2284.627 METERS 696.356	NORTHING 713169 EASTING 339282	Two inch disk stamped NLV833S4 dated 2023, tied to the south quarter of Section 3 T18S R63E.
4	NLV8311W4	US.FT. 2209.273 METERS 673.388	NORTHING 710533 EASTING 341919	Two inch disk stamped NLV8311W4 dated 2023, tied to west quarter of Section 11 T18S R63E.
5	NLV8310SWS	US.FT. 2311.168 METERS 704.446	NORTHING 707883 EASTING 336640	Two inch disk stamped NLV8310SWS dated 2023, tied to south west corner of Section 10 T18S R63E.
6	NLV8310S4	US.FT. 2294.367 METERS 699.324	NORTHING 707886 EASTING 339278	Two inch disk stamped NLV8310S4 dated 2023, tied to south quarter of Section 10 T18S R63E.
7	NLV8311SWS	US.FT. 2221.932 METERS 677.246	NORTHING 707892 EASTING 341918	Two inch disk stamped NLV8311SWS dated 2023, tied to the south west corner of Section 11 T18S R63E.
8	NLV8311S4	US.FT. 2177.646 METERS 663.748	NORTHING 707894 EASTING 344560	Two inch disk stamped NLV8311S4 dated 2023, tied to south quarter of Section 11 T18S R63E.
9	NLV8315W4	US.FT. 2318.912 METERS 706.806	NORTHING 705242 EASTING 336639	Two inch disk stamped NLV932S4 dated 2023, tied to the west quarter of Section 15 T18S R63E.
10	NLV8315C4	US.FT. 2265.255 METERS 690.451	NORTHING 705247 EASTING 339278	Two inch disk stamped NLV8315C4 dated 2023, glued to center quarter of Section 15 T18S R63E.


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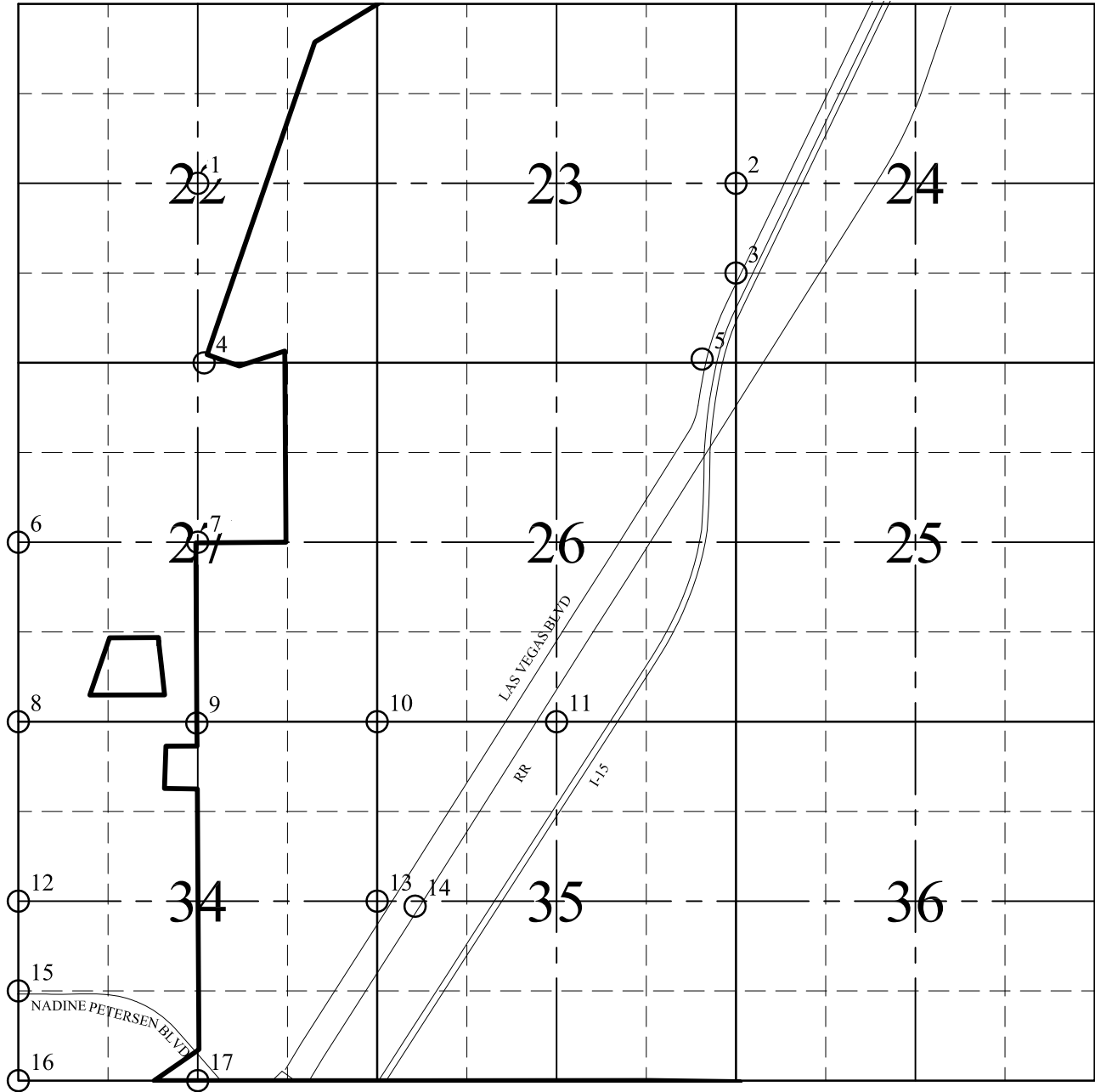
**TOWNSHIP 18 SOUTH, RANGE 63 EAST  
NORTHEAST QUARTER**

PAGE REVISION DATE: 7/25/2024

REF. NUMBER	BENCHMARK NAME	NAVD88 ELEVATION	NORTHING EASTING NCRS (US.FT.)	DESCRIPTION
11	NLV8314W4	US.FT. 2224.378 METERS 677.992	NORTHING 705251 EASTING 341918	Two inch disk stamped NLV8314W4 dated 2023, tied to west quarter of Section 14 T18S R63E.
12	NLV8314W6	US.FT. 2203.568 METERS 671.649	NORTHING 705253 EASTING 343238	Two inch disk stamped NLV8314W6 dated 2023, tied to the center east sixteenth of Section 14 T18S R63E.
13	NLV8314C4	US.FT. 2182.779 METERS 665.312	NORTHING 705254 EASTING 344558	Two inch disk stamped NLV8314C4 dated 2023, tied to center quarter of Section 14 T18S R63E.
14	NLV8313SWW6	US.FT. 2197.566 METERS 669.819	NORTHING 703936 EASTING 347199	Two inch disk stamped NLV8313SWW6 dated 2023, tied to south west west sixteenth of Section 14 T18S R63E.
15	NLV8315S4	US.FT. 2288.160 METERS 697.432	NORTHING 702605 EASTING 339278	Two inch disk stamped NLV8315S4 dated 2023, tied to south quarter of Section 15 T18S R63E.
16	NLV8314SWS	US.FT. 2238.776 METERS 682.380	NORTHING 702610 EASTING 341917	Two inch disk stamped NLV8314SWS dated 2023, tied to south west section corner of Section 14 T18S R63E.
17	NLV8314SES6	US.FT. 2218.616 METERS 676.235	NORTHING 702614 EASTING 345878	Two inch disk stamped NLV8314SWS6 dated 2023, tied to south west south sixteenth of Section 14 T18S R63E.
18	NLV8314S4	US.FT. 2221.434 METERS 677.094	NORTHING 702613 EASTING 344557	Two inch disk stamped NLV8314S4 dated 2023, tied to south quarter of Section 14 T18S R63E.
19	NLV8313SWS	US.FT. 2217.979 METERS 676.041	NORTHING 702616 EASTING 347199	Two inch disk stamped NLV8313SWS dated 2023, tied to south west corner of Section 13 T18S R63E.

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**TOWNSHIP 18 SOUTH, RANGE 63 EAST  
SOUTHEAST QUARTER**



**CITY OF NORTH LAS VEGAS VERTICAL CONROL**

DEPARTMENT OF PUBLIC WORKS  
SURVEY DIVISION  
2250 LAS VEGAS BLVE., N., SUITE 243  
NORTH LAS VEGAS, NV. 89030

**CONVERSION FACTOR**


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NORTH AMERICAN VERTICAL DATUM 1988

**TOWNSHIP 18 SOUTH, RANGE 63 EAST  
SOUTHEAST QUARTER**

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REF. NUMBER	BENCHMARK NAME	NAVD88 ELEVATION	NORTHING EASTING NCRS (US.FT.)	DESCRIPTION
1	NLV8322C4	US.FT. 2360.417 METERS 719.457	NORTHING 699966 EASTING 339277	Two inch disk stamped NLV8322C4 dated 2023, tied to center quarter of Section 22 T18S R63E.
2	NLV8324W4	US.FT. 2255.694 METERS 687.537	NORTHING 699975 EASTING 347198	Two inch disk stamped NLV8324W4 dated 2023, tied to west quarter of Section 24 T18S R63E.
3	NLV8324SWW6	US.FT. 2283.921 METERS 696.141	NORTHING 698654 EASTING 347197	Two inch disk stamped NLV8324SWW6 dated 2023, tied to south west west sixteenth of Section 24 T18S R63E.
4	NLVBF2220	US.FT. 2456.635 METERS 748.784	NORTHING 697325 EASTING 339417	Two inch disk stamped NLVBF2220 dated 2023, tied to a 3 inch BLM monument, WP, N52787
5	NLVNF9647	US.FT. 2294.936 METERS 699.498	NORTHING 697333 EASTING 346703	Two inch disk stamped NLVNF9647 dated 2023, tied to a 3 inch BLM monument, WP, i15 ROW
6	NLV8327W4	US.FT. 2507.212 METERS 764.200	NORTHING 694684 EASTING 336635	Two inch disk stamped NLV8327W4 dated 2023, tied to west quarter of Section 27 T18S R63E.
7	NLV8327C4	US.FT. 2454.813 METERS 748.228	NORTHING 694687 EASTING 339276	Two inch disk stamped NLV8327C4 dated 2023, tied to center quarter of Section 27 T18S R63E.
8	NLV8327SWS	US.FT. 2568.393 METERS 782.848	NORTHING 692044 EASTING 336634	Two inch disk stamped NLV8327SWS dated 2023, tied to the southwest Section Corner of Section 27 T18S R63E.
9	NLV8327S4	US.FT. 2468.755 METERS 752.478	NORTHING 692048 EASTING 339274	Two inch disk stamped NLV8327S4 dated 2023, tied to the south quarter of Section 2 T18S R63E.
10	NLV8326SWS	US.FT. 2423.105 METERS 738.564	NORTHING 692051 EASTING 341915	Two inch disk stamped NLV8326SWS dated 2023, tied to the southwest Section Corner of Section 26 T18S R63E.

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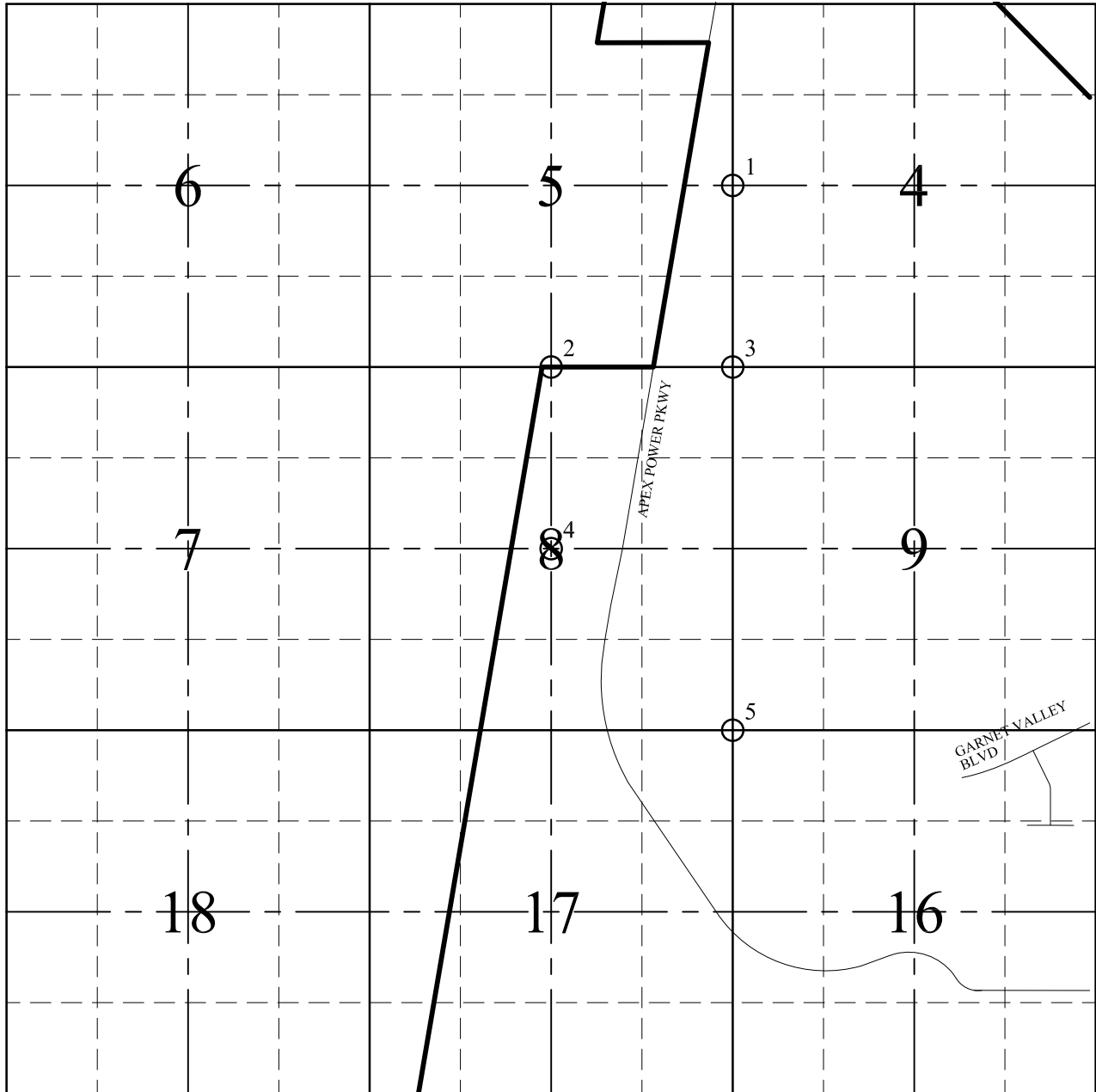
**TOWNSHIP 18 SOUTH, RANGE 63 EAST  
SOUTHEAST QUARTER**


PAGE REVISION DATE: 7/25/2024

REF. NUMBER	BENCHMARK NAME	NAVD88 ELEVATION	NORTHING EASTING NCRS (US.FT.)	DESCRIPTION
11	NLV8326S4	US.FT. 2384.726 METERS 726.866	NORTHING 692053 EASTING 344555	Two inch disk stamped NLV8326S4 dated 2023, tied to south quarter of Section 26 T18S R63E.
12	NLV8334W4	US.FT. 2570.476 METERS 783.483	NORTHING 689405 EASTING 336633	Two inch disk stamped NLV8334W4 dated 2023, tied to the west quarter of Section 34 T18S R63E.
13	NLV8335W4	US.FT. 2406.630 METERS 733.542	NORTHING 689410 EASTING 341915	Two inch disk stamped NLV8335W4 dated 2023, tied to west quarter of Section 35 T18S R63E.
14	J171	US.FT. 2410.290 METERS 734.658	NORTHING 689349 EASTING 342453	
15	NLV8334SWS6	US.FT. 2505.417 METERS 763.653	NORTHING 686765 EASTING 337954	Two inch disk stamped NLV8334SWS6 dated 2023, tied to south west south sixteenth of Section 34 T18S R63E.
16	NLV8334SWS	US.FT. 2543.171 METERS 775.160	NORTHING 686764 EASTING 336633	Two inch disk stamped NLV8334SWS dated 2023, tied to the southwest Section Corner of Section 34 T18S R63E.
17	NLV8334S4	US.FT. 2464.193 METERS 751.088	NORTHING 686767 EASTING 339274	Two inch disk stamped NLV8334S4 dated 2023, tied to south quarter of Section 34 T18S R63E.

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TOWNSHIP 18 SOUTH, RANGE 63 EAST  
NORTHWEST QUARTER




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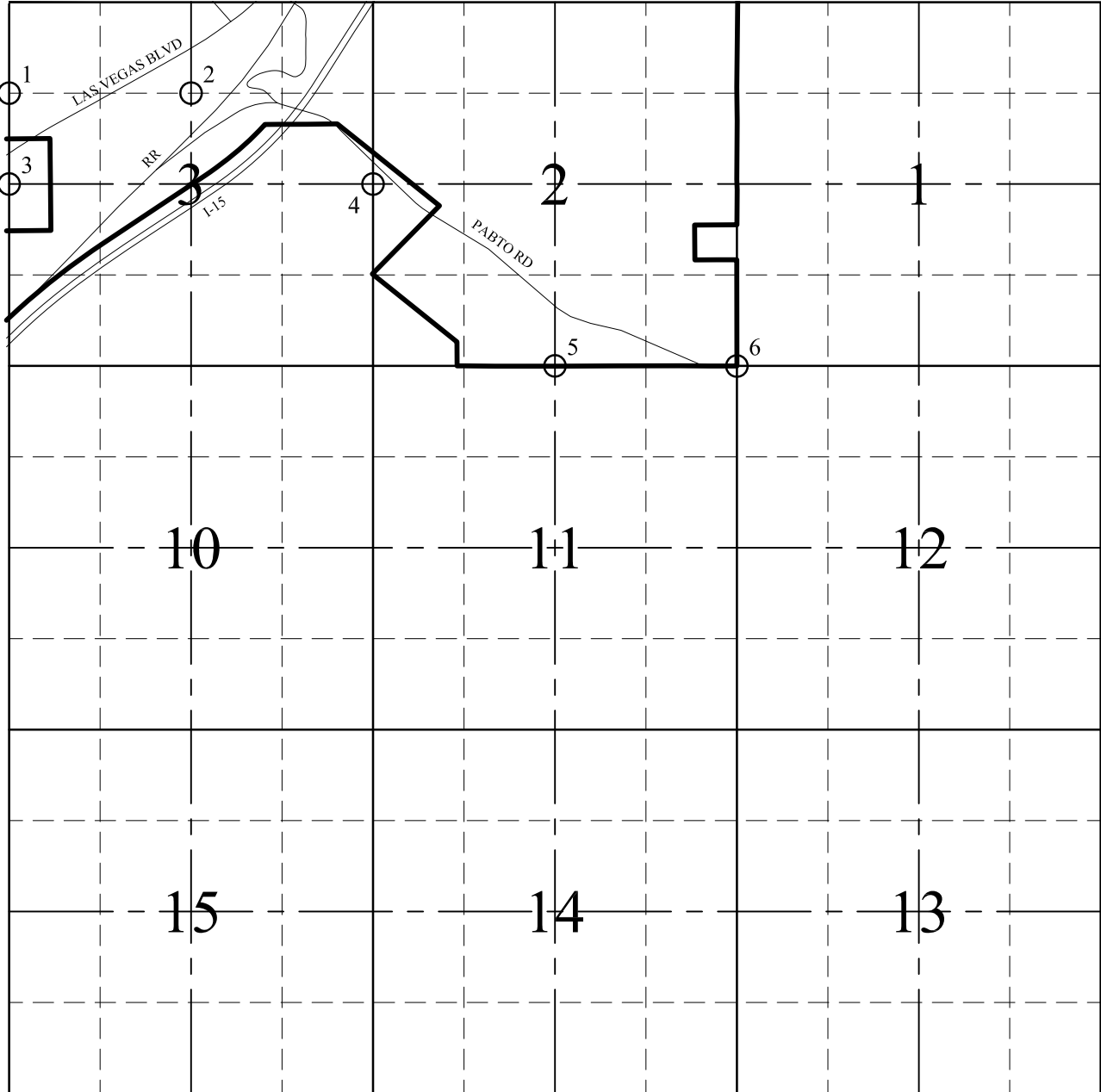
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1	NLV834W4	US.FT. 2508.011 METERS 764.443	NORTHING 715804 EASTING 331374	Two inch disk stamped NLV834W4 dated 2023, tied to west quarter of Section 4 T18S R63E.
2	NLV835S4	US.FT. 2508.091 METERS 764.468	NORTHING 713164 EASTING 328733	Two inch disk stamped NLV835S4 dated 2023, tied to the south quarter of Section 5 T18S R63E.
3	NLV834SWS	US.FT. 2465.587 METERS 751.513	NORTHING 713163 EASTING 331372	Two inch disk stamped NLV834SWS dated 2023, tied to the south west corner of Section 4 T18S R63E.
4	NLV838C4	US.FT. 2465.547 METERS 751.500	NORTHING 710523 EASTING 328731	Two inch disk stamped NLV838C4 dated 2023, tied to the center quarter of Section 8 T18S R63E.
5	NLV839SWS	US.FT. 2406.046 METERS 733.364	NORTHING 707881 EASTING 331370	Two inch disk stamped NLV839SWS dated 2023, tied to the south west corner of Section 9 T18S R63E.

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**TOWNSHIP 19 SOUTH, RANGE 63 EAST  
NORTHEAST QUARTER**



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2250 LAS VEGAS BLVE., N., SUITE 243  
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**TOWNSHIP 19 SOUTH, RANGE 63 EAST  
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1	NLV933NWW6	US.FT. 2530.910 METERS 771.423	NORTHING 685446 EASTING 336638	Two inch disk stamped NLV933NWW6 dated 2023, tied to north west west sixteenth of Section 3 T19S R63E.
2	NLV933N6	US.FT. 2460.002 METERS 749.810	NORTHING 685448 EASTING 339277	Two inch disk stamped NLV933N6 dated 2023, tied to north sixteenth of Section 3 T18S R63E.
3	NLV933W4	US.FT. 2516.578 METERS 767.055	NORTHING 684123 EASTING 336643	Two inch disk stamped NLV933W4 dated 2023, tied to west quarter of Section 3 T19S R63E.
4	NLV932W4	US.FT. 2498.263 METERS 761.472	NORTHING 684130 EASTING 341917	Two inch disk stamped NLV932W4 dated 2023, tied to the west quarter of Section 2 T19S R63E.
5	NLV932S4	US.FT. 2555.808 METERS 779.012	NORTHING 681491 EASTING 344560	Two inch disk stamped NLV932S4 dated 2023, tied to the south quarter of Section 2 T19S R63E.
6	NLV931SWS	US.FT. 2580.072 METERS 786.407	NORTHING 681493 EASTING 347199	Two inch disk stamped NLV931SWS dated 2023, tied to the south west corner of Section 1 T19S R63E.

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