

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF

A PORTION OF THE SUBDIVISIONAL LINES, AND

THE SUBDIVISION OF SECTION 13, AND

METES-AND-BOUNDS SURVEYS OF

THE NORTHERLY AND SOUTHERLY RIGHT-OF-WAY LINES OF THE NEVADA NORTHERN  
RAILWAY MAINLINE AND THE EASTERLY AND WESTERLY RIGHT-OF-WAY LINES OF THE

NEVADA NORTHERN RAILWAY BRANCHLINE,

TOWNSHIP 16 NORTH, RANGE 63 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

EXECUTED BY

Brandon K. Grace, Cadastral Surveyor

Under Special Instructions dated June 9, 2015,

and approved June 9, 2015,

which provided for the surveys included under Group No. 948,  
and Assignment Instructions dated June 10, 2015 and April 6, 2023.

Survey commenced June 19, 2015

Survey completed July 12, 2020

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## TOWNSHIP 16 NORTH, RANGE 63 EAST, MOUNT DIABLO MERIDIAN, NEVADA

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 13, and metes-and-bounds surveys of the northerly and southerly right-of-way lines of the Nevada Northern Railway Mainline and the easterly and westerly right-of-way lines of the Nevada Northern Railway Branchline, Township 16 North, Range 63 East, Mount Diablo Meridian, Nevada.

The east boundary, a portion of the north boundary and a portion of the subdivisional lines were surveyed by U.S. Deputy Surveyors E.B. Monroe and A.G. Bateman in 1872 under Contract No. 48.

A portion of the east boundary was dependently resurveyed by Cadastral Surveyor J.R. Munson in 1973 under Group No. 499.

A portion of the east boundary was dependently resurveyed by Cadastral Surveyor B.K. Grace, et al. in 2007-2023 under Group No. 852.

The history of other former surveys remote to the area of this survey are omitted.

The metes-and-bounds surveys of portions of the Right-of-Way Lines of the Nevada Northern Railway represents boundaries of lands encompassing the conveyance to be made to the City of Ely, Nevada, as described in Public Law 109-59, Section 1955, dated August 10, 2005.

Before restoring the corners, the lines of the original surveys were retraced and diligent search made for any evidence of the position of the original corners and other calls of the field note records.

The rules of proportionate measurement were applied in order to ascertain the position of lost corners, after completing the necessary retracements to connect with identified corner locations. In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed survey.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions (2009) and the Special Instructions dated June 9, 2015.

Measurements were made with Trimble R-8 and R-10 Global Navigation Satellite System (GNSS) receivers using the real-time kinematic (RTK) method and refer to the true meridian based on geodetic methods. The mean bearings of the lines and horizontal equivalents of ground distances only are entered in the field notes.

The NAD 1983 (2011) (EPOCH:2010.0000) geographic position, of the following corners were determined from Global Positioning System (GPS) static observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) DM7135 NVPI PIOCHE CORS ARP, AI0950 EGAN EGAN BRGN NV1996 CORS ARP, DL6904 NVSV SPRING VALLEY CORS ARP, and carried forward by RTK observations.

## TOWNSHIP 16 NORTH, RANGE 63 EAST, MOUNT DIABLO MERIDIAN, NEVADA

## CHAINS

The corner of sections 13, 18, 19 and 24, on the E. bdy. of the Tp., is as follows:

Latitude 39°14'42.174" N.      Longitude 114°49'25.494" W.

The corner of sections 11, 12, 13 and 14, is as follows:

Latitude 39°15'35.027" N.      Longitude 114°50'32.704" W.

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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA

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Reestablishment of a Portion of  
the Survey Executed by U.S. Deputy Surveyors E.B. Monroe and  
A.G. Bateman in 1872

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Beginning at the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the W. bdy., T. 16 N., R. 64 E., executed under Group No. 499, with a mound of stone, 3 1/2 ft. diam., 1 ft. high, W. of the cor., and a steel fence post, firmly set, projecting 3 1/2 ft., alongside the iron post.

S. 89°40'30" W., bet. secs. 13 and 24.

Over gentle northerly slope, covered with shadscale and sagebrush.

20.174 Point for the E 1/16 sec. cor. of secs. 13 and 24.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.

S13  
E 1/16 —  
S24

2015

From this cor., a position determined as the E 1/16 sec. cor. of secs. 13 and 24, by Mark Chilton, Nevada Professional Land Surveyor No. 1404, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 15 ins. above the ground, with brass cap mkd, T16N R63E S13 S24 E1/16 1974 RLS 1404, as shown on an unrecorded plat entitled Record Of Survey For City Of Ely Of Georgetown Ranch In White Pine County, Nevada, bears N. 1°47'30" E., 0.188 chs. dist., with a steel fence post, firmly set, projecting 4 1/2 ft. above the ground, alongside the iron pipe. This position cannot be reconciled with nearby controlling corners and is not utilized in the course of this survey.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	From this same cor., a fence corner, bears N. 52°40'10" W., 0.297 chs. dist., with 4 strand barbed wire fences extending S. and W.
20.40	Barbed wire fence, 4 strands, bears N. and S.
21.00	Enter bottom, bears NNW. and SSE.
21.90	Trail road, 19 lks. wide, bears N. and SW.
40.348	Point for the 1/4 sec. cor. of secs. 13 and 24, at proportionate distance; there is no remaining evidence of the position of the original corner.  Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.  T16N R63E S13 1/4 — S24  2015  Cor. is located in a grassy marshland and disturbed area from a man-made levy and culvert.
60.522	Point for the W 1/16 sec. cor. of secs. 13 and 24.  POINT NOT MONUMENTED  From this point, a position determined as the W 1/16 sec. cor. of secs. 13 and 24, by Mark Chilton, Nevada Professional Land Surveyor No. 1404, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd, T16N R63E S13 S24 W1/16 1974 RLS 1404, and in an E-W fence line, as shown on an unrecorded plat entitled Record Of Survey For City Of Ely Of Georgetown Ranch In White Pine County, Nevada, bears N. 1°47'40" E., 0.080 chs. dist. This position cannot be reconciled with nearby controlling corners and is not utilized in the course of this survey.  From this same point, a fence corner bears N. 32°15'30" W., 0.083 chs. dist., with barbed wire fences extending E. and S.
60.55	Barbed wire fence, 4 strands, bears N. and S.
60.70	Trail road, 15 lks. wide, bears NE. and SW.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS 80.696</p>	<p>The cor. of secs. 13, 14, 23 and 24, determined by person(s) unknown, monumented with a sandstone, 7x10x25 ins., firmly set, projecting 6 ins. above a scattered mound of stone, 2 ft. diam., no visible mks., with a steel fence post, firmly set, projecting 3 1/2 ft. above the ground, with a tag mkd. PLS 9392, and a cedar post, 6 ins. diam., 36 ins. long, firmly set, projecting 6 ins. above the ground, no visible mks., alongside the sandstone. This position has been adopted and recorded by various other professional land surveyors and is accepted as the best available evidence of the position of the original corner.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <p>T16N R63E</p> <table border="1"> <tr> <td>S14</td><td>S13</td></tr> <tr> <td>S23</td><td>S24</td></tr> </table> <p>2015</p> </div> <p>Bury sandstone and reset the steel fence post and the cedar post alongside stainless steel post.</p> <p>From this cor., a fence corner, bears N. 12°49'50" E., 0.022 chs. dist., with barbed wire fences extending N. and E.</p> <hr/> <p>N. 0°23'20" E., bet. secs. 13 and 14.</p> <p>Over nearly level valley floor.</p>	S14	S13	S23	S24
S14	S13				
S23	S24				
<p>20.377</p>	<p>The S 1/16 sec. cor. of secs. 13 and 14, determined by Dean Neubauer, Nevada Professional Land Surveyor No. 9392, monumented with a steel fence post, firmly set projecting 3 ft. above the ground, with tag mkd. PLS 9392, wired to a fence corner, with 3 strand barbed wire fences extending E., S., and W., as recorded in White Pine County, Map No. 428, File No. 280637. This is accepted as a careful and faithful determination of the position of the corner.</p> <p>It is impractical to establish a permanent monument.</p> <p>from which</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 27 ins. in the ground, over a plastic-encased magnet, for a reference monument, bears N. 22°44'50" E., 89.9 lks. dist., with brass cap mkd. RM S 1/16 S13 59.3 FT TO COR 2015 and an arrow pointing to the corner.</p>				

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 27 ins. in the ground, over a plastic-encased magnet, for a reference monument, bears N. 79°55'00" E., 117.7 lks. dist., with brass cap mkd. RM S 1/16 S13 77.7 FT TO COR 2015 and an arrow pointing to the corner.</p> <hr/> <p>N. 0°23'20" E., beginning new measurement.</p>
0.60	Trail road, 20 lks. wide, bears E. and W.
20.377	<p>The 1/4 sec. cor. of secs. 13 and 14, determined by Dean Neubauer, Nevada Professional Land Surveyor No. 9392, monumented with a rebar, 5/8 ins. diam., firmly set, projecting 3 ins. above the ground, with an aluminum cap mkd. SUMMIT PLS 9392, as recorded in White Pine County, Map No. 1186, Doc. No. 0368046, with a steel fence post, firmly set, projecting 3 ft. above the ground, alongside the rebar. This is accepted as a careful and faithful reestablishment of the position of the original corner.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <p style="text-align: center;">T16N R63E 1/4 S14 S13  2015</p> <p>Insert rebar into stainless steel post and reset steel fence post alongside.</p> <hr/> <p>N. 0°23'20" E., beginning new measurement.</p>
3.40	Trail road, 15 lks. wide, bears E. and W.
3.90	Barbed wire fence, 4 strands, bears NNE. and SSW.
4.80	Trail road, 15 lks. wide, bears E. and W.
7.324	The witness point, at the intersection of the southerly right-of-way line of the Nevada Northern Railway Mainline, with the line bet. secs. 13 and 14, hereinafter described.
8.845	Center of the Nevada Northern Railway tracks, concave to the N.
10.363	The witness point, at the intersection of the northerly right-of-way line of the Nevada Northern Railway Mainline, with the line bet. secs. 13 and 14, hereinafter described.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA

<p>CHAINS 20.377</p>	<p>The N 1/16 sec. cor. of secs. 13 and 14, determined by person(s) unknown, monumented with a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above the ground, with a steel fence post, firmly set, projecting 4 ft. above the ground, alongside the rebar, no record found. This is accepted as a careful and faithful determination of the position of the corner.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <div style="text-align: center;"> <p>N 1/16 S14 S13</p> <p>2015</p> </div> <p>Insert rebar into stainless steel post and reset steel fence post alongside.</p> <p>Cor. is located under a 3 strand barbed wire fence, bears E. and W.</p> <hr style="width: 20%; margin: 20px auto;"/> <p>N. 0°23'20" E., beginning new measurement.</p>
<p>20.377</p>	<p>The cor. of secs. 11, 12, 13 and 14, determined by Mark Chilton, Nevada Professional Land Surveyor No. 1404, monumented with an iron pipe, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd, T16N R63E S11 S12 S13 S14 1974 RLS 1404, as shown on an unrecorded plat entitled Record Of Survey For City Of Ely Of Georgetown Ranch In White Pine County, Nevada, with a wood post, 3 ins. diam., 3 1/2 ft. long, squared on one side, firmly set, projecting 2 1/2 ft. above the ground, with illegible marks, alongside the iron pipe. This position has been adopted and recorded by various other professional land surveyors and is accepted as the best available evidence of the position of the original corner.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <div style="text-align: center;"> <p>T16N R63E S11 S12 — — S14 S13</p> <p>2015</p> </div> <p>Bury iron pipe and wood post alongside stainless steel post.</p> <p>Cor. is located under barbed wire fence, bears E. and W.</p>



DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>From this cor., a steel fence post, firmly set, projecting 3 ft. above the ground, with tag mkd. PLS 2898, bears S. 89°22'10" W., 0.738 chs. dist. The location of this fence post fits a 30 ft. wide road and utility easement, as shown on Parcel Map No. 72, recorded in White Pine County, as Map No. 399, File No. 275367.</p>
	<p>From the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the W. bdy., T. 16 N., R. 64 E., executed under Group No. 499, with a mound of stone, 5 ft. diam., 2 ft. high, W. of the cor., and a steel fence post alongside the iron post.</p> <p>S. 89°58'40" W., bet. secs. 12 and 13.</p> <p>Over gentle westerly slope, covered with shadscale and sagebrush.</p>
14.80	Trail road, 19 lks. wide, bears NE. and SW.
16.026	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway Branchline, with the line bet. secs. 12 and 13, hereinafter described.
17.852	Center of the Nevada Northern Railway tracks, bears N. 33°52'30" E. and S. 33°52'30" W.
19.00	Trail road, 15 lks. wide, bears NNE. and SW.
19.678	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway Branchline, with the line bet. secs. 12 and 13, hereinafter described.
39.55	Trail road, 15 lks. wide, bears N. and S.
39.95	Barbed wire fence, 4 strands, bears N. and S.
39.948	<p>The 1/4 sec. cor. of secs. 12 and 13, determined by Mark Chilton, Nevada Professional Land Surveyor No. 1404, monumented with an iron pipe, 2 1/2 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd, T16N R63E 1/4 S12 S13 1974 RLS 1404, as shown on an unrecorded plat entitled Record Of Survey For City Of Ely Of Georgetown Ranch In White Pine County, Nevada. This position has been adopted and recorded by various other professional land surveyors and is accepted as the best available evidence of the position of the original corner.</p>
	<p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p>

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p>T16N R63E S12 1/4 — S13</p> <p>2015</p> <p>Bury iron pipe alongside stainless steel post.</p> <p>Cor. is located on W. side of a barbed wire fence, 4 strands, bears N. and S.</p> <hr/> <p>S. 89°59'20" W., beginning new measurement.</p>
4.50	Old railroad grade, bears NE. and SW.
7.20	Barbed wire fence corner, extends N., S. and W.
12.75	Wash, 65 lks. wide, 2 ft. deep, bears NNW. and SE.
19.55	Downed barbed wire fence corner, with fences extending E., S. and W.
19.916	<p>The W 1/16 sec. cor. of secs. 12 and 13, determined by person(s) unknown, monumented with a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above the ground, no record found. This is accepted as a careful and faithful determination of the position of the corner.</p> <p>Cor. is located under a barbed wire fence, bears E. and W.</p> <hr/> <p>S. 89°59'20" W., beginning new measurement.</p>
1.00	Wash, 12 lks. wide, 2 ft. deep, bears N. and S.
19.916	The cor. of secs. 11, 12, 13 and 14.
	<hr/> <p>SUBDIVISION OF SECTION 13, T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>From the 1/4 sec. cor. of secs. 13 and 24.</p> <p>N. 0°02'00" E., on the N-S center line of sec. 13.</p> <p>Over valley floor, covered with sagebrush, rabbitbrush and grasses.</p>
20.325	<p>Point for the C-S 1/16 sec. cor. of sec. 13.</p> <p>POINT NOT MONUMENTED</p>
26.50	Power line, bears N. 37 1/4° E. and S. 37 1/4° W.

SUBDIVISION OF SECTION 13,  
T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
40.60	Trail road, 15 lks. wide, bears SE. and NW.
40.650	<p>Point for the center 1/4 sec. cor. of sec. 13, at the intersection with the E-W center line of sec. 13.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 3 ins. below the surface of trail road, over a plastic-encased magnet, with brass cap mkd.</p> <p style="text-align: center;">T16N R63E C 1/4 S13</p> <p style="text-align: center;">2015</p> <p>From this cor. a position determined as the center 1/4 sec. cor. of sec. 13, by Mark Chilton, Nevada Professional Land Surveyor No. 1404, monumented with an iron pipe, 2 ins. diam., 30 ins long, lying loose on the ground, with a rebar, 1/2 in. diam., 17 ins. long, inserted into pipe, with brass cap mkd, T16N R63E S13 C1/4 1974 RLS 1404, as shown on an unrecorded plat entitled Record Of Survey For City Of Ely Of Georgetown Ranch In White Pine County, Nevada, bears N. 20°55'10" E., 0.095 chs. dist. This position cannot be reconciled with nearby controlling corners and is not utilized in the course of this survey.</p>
47.70	Drainage basin intersecting a confluence of trail roads.
49.55	Confluence of trail roads, 19 lks. wide, bears NE., ENE., SSW. and WSW.
60.968	<p>Point for the C-N 1/16 sec. cor. of sec. 13.</p> <p>POINT NOT MONUMENTED</p> <p>From this point, a position determined as the C-N 1/16 sec. cor. of sec. 13, by Mark Chilton, Nevada Professional Land Surveyor No. 1404, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd, CN1/16 S13 1974 RLS 1404, as shown on an unrecorded plat entitled Record Of Survey For City Of Ely Of Georgetown Ranch In White Pine County, Nevada, bears N. 53°12'30" W., 0.208 chs. dist. This position cannot be reconciled with nearby controlling corners and is not utilized in the course of this survey.</p>
63.25	Trail road, 15 lks. wide, bears ENE. and WSW.
64.20	Northern Nevada Railway tracks, bears ENE. and WSW.
81.286	The 1/4 sec. cor. of secs. 12 and 13.

SUBDIVISION OF SECTION 13,  
T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p>From the 1/4 sec. cor. of secs. 13 and 18, on the E. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of the W. bdy., T. 16 N., R. 64 E., executed under Group No. 499, with an embedded mound of stone, 3 ft. diam., 1 ft. high, W. of the cor.</p> <p>S. 89°49'10" W., on the E-W center line of sec. 13.</p> <p>Over gentle westerly slope, covered with shadscale and sagebrush.</p>
15.95	Trail road, 15 lks. wide, bears SE. and NW.
20.076	<p>Point for the C-E 1/16 sec. cor. of sec. 13.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <p>E 1/16</p> <p>C ——— C</p> <p>S13</p> <p>2015</p> </div> <p>From this cor., a position determined as the C-E 1/16 sec. cor. of sec. 13, by Mark Chilton, Nevada Professional Land Surveyor No. 1404, monumented with an iron pipe, 2 ins. diam., loosely set, projecting 12 ins. above the ground, with brass cap mkd., T16N R63E CE1/16 S13 1974 RLS 1404, as shown on an unrecorded plat entitled Record Of Survey For City Of Ely Of Georgetown Ranch In White Pine County, Nevada, bears S. 20°47'20" E., 0.014 chs. dist., with a steel fence post, firmly set, projecting 1 ft. above the ground, alongside the iron pipe. This position cannot be reconciled with nearby controlling corners and is not utilized in the course of this survey.</p>
26.65	Trail road, 21 lks. wide, bears N. and S.
29.60	Power line, bears N. 37 1/4° E. and S. 37 1/4° W.
40.152	The center 1/4 sec. cor. of sec. 13.
40.25	Trail road, 15 lks. wide, bears SE. and NNW.
41.85	Trail road, 15 lks. wide, bears SE. and NNW.
60.197	<p>Point for the C-W 1/16 sec. cor. of sec. 13.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p>

SUBDIVISION OF SECTION 13,  
T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p style="text-align: center;">W 1/16 C——C S13 2015</p>
	<p>From this cor., a steel fence post, no record found, firmly set, projecting 14 ins. above the ground, bears N. 54°29'30" W., 0.124 chs. dist., not utilized in the course of this survey.</p>
79.95	An old fence line, the remains of wooden fence post stumps bears N. and S.
80.242	The 1/4 sec. cor. of secs. 13 and 14.
	<hr/> <p>From the E 1/16 sec. cor. of secs. 13 and 24.</p> <p>N. 0°06'10" W., on the N-S center line of the SE1/4 of sec. 13.</p> <p>Over a westerly sloped ridge line, covered with shadscale and sagebrush.</p>
40.598	The C-E 1/16 sec. cor. of sec. 13.
	<hr/> <p>From the point for the W 1/16 sec. cor. of secs. 13 and 24.</p> <p>N. 0°12'40" E., on the N-S center line of the SW1/4 of sec. 13.</p> <p>Over valley floor, covered with sagebrush, rabbitbrush and grasses.</p>
2.15	Barbed wire fence, bears N. and S.
20.351	<p>Point for the SW 1/16 sec. cor. of sec. 13, at the intersection with the E-W center line of the SW1/4 of sec. 13.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush with the ground, over a plastic-encased magnet, with brass cap mkd.</p>
	<p style="text-align: center;">SW 1/16 S13 2015</p>
	<p>From this cor., a fence corner, bears N. 24°48'50" E., 0.249 chs. dist., with barbed wire fences extending S. and W.</p>
40.702	The C-W 1/16 sec. cor. of sec. 13.
	<hr/> <p>From the point for the C-S 1/16 sec. cor. of sec. 13.</p> <p>S. 89°44'50" W., on the E-W center line of the SW1/4 of sec. 13.</p> <p>Over valley floor, covered with sagebrush, rabbitbrush and grasses.</p>

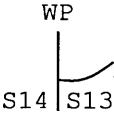
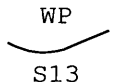
SUBDIVISION OF SECTION 13,  
T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
4.55	Trail road, 15 lks. wide, bears NE. and SW.
20.00	Barbed wire fence, bears N. and S.
20.109	The SW 1/16 sec. cor. of sec. 13.
40.218	The S 1/16 sec. cor. of secs. 13 and 14.
	From the C-W 1/16 sec. cor. of sec. 13.
	N. 0°12'40" E., on the N-S center line of the NW1/4 of sec. 13.
	Over valley floor, covered with sagebrush, rabbitbrush and grasses.
4.55	Trail road, 15 lks. wide, bears E. and W.
5.30	Trail road, 15 lks. wide, bears E. and W.
7.15	Trail road, 15 lks. wide, bears ENE. and WSW.
14.008	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway Branchline, with the N-S center line of the NW1/4 of sec. 13, hereinafter described.
14.65	Trail road, 15 lks. wide, bears ENE. and WSW.
15.641	Center of the Nevada Northern Railway tracks, bears N. 68°16'30" E. and S. 68°16'30" W.
17.275	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway Branchline, with the N-S center line of the NW1/4 of sec. 13, hereinafter described.
20.30	Barbed wire fence, 3 strands, bears E. and W.
20.348	Point for the NW 1/16 sec. cor. of sec. 13, at the intersection with the E-W center line of the NW1/4 of sec. 13.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.
	NW 1/16 S13 2015
	From this cor., a position determined as the NW 1/16 sec. cor. of sec. 13, by Mark Chilton, Nevada Professional Land Surveyor No. 1404, monumented with an iron pipe, 2 ins. diam., loosely set, projecting 7 ins. above the ground, with brass cap mkd, T16N R63E NW1/16 S13 1974 RLS 1404, as shown on an unrecorded plat entitled Record Of Survey For City Of Ely Of Georgetown Ranch In White Pine County, Nevada, bears S. 20°47'20" E., 0.014 chs. dist., with a steel fence post, firmly set, projecting 3 ft. above the ground, alongside the iron pipe. This position cannot be reconciled with nearby controlling corners and is not utilized in the course of this survey.

SUBDIVISION OF SECTION 13,  
T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA


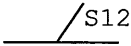
CHAINS 40.696	The W 1/16 sec. cor. of secs. 12 and 13.
	<hr/> <p>From the point for the C-N 1/16 sec. cor. of sec. 13.</p> <p>S. 89°54'20" W., on the E-W center line of the NW1/4 of sec. 13.</p> <p>Over valley floor, covered with sagebrush, rabbitbrush and grasses.</p>
8.15	Center of the Nevada Northern Railway tracks, bears ENE. and WSW.
14.80	Old railroad grade, bears NE. and SW.
19.980	The NW 1/16 sec. cor. of sec. 13.
39.960	The N 1/16 sec. cor. of secs. 13 and 14.
	<hr/> <p style="text-align: center;">METES-AND-BOUNDS SURVEY OF THE SOUTHERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY MAINLINE AND THE EASTERLY RIGHT-OF- WAY LINE OF THE NEVADA NORTHERN RAILWAY BRANCHLINE, T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p style="text-align: center;">MEMORANDUM</p> <p>The right-of-way lines of the Nevada Northern Railway Mainline and Branchline, were determined at 100 ft. right angle distance from and parallel with the observed centerline of the existing tracks and or supplemental records, based on the description of the Nevada Northern Railway right-of-way applications, NEV-043230 "Map of Amended Definite Location of the Nevada Northern Railway in Elko County and White Pine County State of Nevada", filed October 23, 1906, and ELKO-03009 "NEVADA NORTHERN RAILWAY COMPANY - DEFINITE LOCATION - BRANCH LINE - WHITE PINE COUNTY NEVADA", approved April 16, 1918. The alignment is substantiated by the as constructed tablets and diagrams "P.V. Alignment Supplement No. 5", containing the date September 1920, "P.V. Alignment Supplement No. 5 - No. 3 Alignment", containing the date August 6, 1914, and the Valuation Series No. 1 Main Line Cobre To Ely Junction, containing the date June 1917.</p> <hr/> <p>From the point for a witness point, at the intersection of the southerly right-of-way line of the Nevada Northern Railway Mainline, with the line bet. secs. 13 and 14.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p>

METES-AND-BOUNDS SURVEY OF THE SOUTHERLY RIGHT-OF-WAY LINE OF  
THE NEVADA NORTHERN RAILWAY MAINLINE AND THE EASTERLY RIGHT-OF-  
WAY LINE OF THE NEVADA NORTHERN RAILWAY BRANCHLINE,  
T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p style="text-align: center;">  </p> <p style="text-align: center;">2020</p> <p>Thence on a line parallel to a portion of the arcs of centerline curves to the left on the southerly right-of-way line of the Nevada Northern Railway Mainline; the centerline described as a taper to the left of curvature increasing 30 minutes every 30 ft., a distance of 210.00 ft., a center 4°00' curve to the left (radius 1432.47 ft.), a distance of 1478.83 ft., a taper to the left of curvature decreasing 30 minutes every 30 ft., a distance of 210.00 ft. The Point of Tangency on the southerly right-of-way line of the Nevada Northern Railway Mainline, bears N. 75°47'40" E., 8.817 chs. dist., continuing on the southerly right-of-way line of the Nevada Northern Railway Mainline, through a portion of sec. 13.</p> <p>Over valley floor, covered with shadscale and sagebrush.</p>
8.860	<p>Point of Tangency and point for a witness point.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <p style="text-align: center;">  </p> <p style="text-align: center;">2020</p>
0.439	<p>N. 68°16'30" E., continuing on the southerly right-of-way line of the Nevada Northern Railway Mainline, through a portion of sec. 13.</p> <p>Initial Point of the easterly right-of-way line of the Nevada Northern Railway Branchline (Elko-03009).</p> <p>POINT NOT MONUMENTED</p> <p>Continue measurement on the southerly right-of-way line of the Nevada Northern Railway Mainline and on the easterly right-of-way line of the Nevada Northern Railway Branchline, through a portion of sec. 13.</p>
7.910	<p>Point of curvature of the Nevada Northern Railway Mainline (Nev-043230), at 100 ft. right angle distance from a point know as engineers station B.C. 417+79.28.</p> <p>POINT NOT MONUMENTED</p>



METES-AND-BOUNDS SURVEY OF THE SOUTHERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY MAINLINE AND THE EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY BRANCHLINE, T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>Continue measurement on the easterly right-of-way line of the Nevada Northern Railway Branchline, through a portion of sec. 13.</p>
12.378	<p>Point for a witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway Branchline, with the N-S centerline of the NW1/4 of sec. 13.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <div><p>WP</p><p>S13</p><p>2020</p></div> <hr/> <p>From the point for a witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway Branchline, with the line bet. secs. 12 and 13.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, in a collar of stone, with brass cap mkd.</p> <div><p>WP</p><p>S12</p><p>S13</p><p>2020</p></div> <p>N. 33°52'30" E., on the easterly right-of-way line of the Nevada Northern Railway Branchline.</p> <p>Over valley floor, covered with shadscale and sagebrush.</p>
28.630	<p>The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway Branchline, with the line bet. secs. 7 and 12, on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, in a collar of stone, with brass cap mkd. as described in the field notes of the metes-and-bounds survey of the easterly right-of-way line of the Nevada Northern Railway Branchline, of T. 16 N., R. 64 E., executed under Group No. 852.</p> <p>Add the marks to read as follows:</p>

METES-AND-BOUNDS SURVEY OF THE SOUTHERLY RIGHT-OF-WAY LINE OF  
THE NEVADA NORTHERN RAILWAY MAINLINE AND THE EASTERLY RIGHT-OF-  
WAY LINE OF THE NEVADA NORTHERN RAILWAY BRANCHLINE,  
T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

WP



S12 S 7

2020

2019

From this point, the cor. of secs. 7, 12, 13 and 18, on the  
E. bdy. of the Tp., hereinbefore described, bears  
S. 0°09'50" E., 23.764 chs. dist.

METES-AND-BOUNDS SURVEY OF THE NORTHERLY RIGHT-OF-WAY LINE OF  
THE NEVADA NORTHERN RAILWAY MAINLINE AND THE WESTERLY RIGHT-OF-  
WAY LINE OF THE NEVADA NORTHERN RAILWAY BRANCHLINE  
T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA

## MEMORANDUM

The right-of-way lines of the Nevada Northern Railway Mainline and Branchline, were determined at 100 ft. right angle distance from and parallel with the observed centerline of the existing tracks and or supplemental records, based on the description of the Nevada Northern Railway right-of-way applications, NEV-043230 "Map of Amended Definite Location of the Nevada Northern Railway in Elko County and White Pine County State of Nevada", filed October 23, 1906, and ELKO-03009 "NEVADA NORTHERN RAILWAY COMPANY - DEFINITE LOCATION - BRANCH LINE - WHITE PINE COUNTY NEVADA", approved April 16, 1918. The alignment is substantiated by the as constructed tablets and diagrams "P.V. Alignment Supplement No. 5", containing the date September 1920, "P.V. Alignment Supplement No. 5 - No. 3 Alignment", containing the date August 6, 1914, and the Valuation Series No. 1 Main Line Cobre To Ely Junction, containing the date June 1917.

From the point for a witness point, at the intersection of the northerly right-of-way line of the Nevada Northern Railway Mainline, with the line bet. secs. 13 and 14.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.

METES-AND-BOUNDS SURVEY OF THE NORTHERLY RIGHT-OF-WAY LINE OF  
THE NEVADA NORTHERN RAILWAY MAINLINE AND THE WESTERLY RIGHT-OF-  
WAY LINE OF THE NEVADA NORTHERN RAILWAY BRANCHLINE  
T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p style="text-align: center;">WP</p> <p style="text-align: center;">S14   S13</p> <p style="text-align: center;">└─┘</p> <p style="text-align: center;">2020</p> <p>Thence on a line parallel to a portion of the arcs of centerline curves to the left on the northerly right-of-way line of the Nevada Northern Railway Mainline; the centerline described as a taper to the left of curvature increasing 30 minutes every 30 ft., a distance of 210.00 ft., a center 4°00' curve to the left (radius 1432.47 ft.), a distance of 1478.83 ft., a taper to the left of curvature decreasing 30 minutes every 30 ft., a distance of 210.00 ft. The Point of Tangency on the northerly right-of-way line of the Nevada Northern Railway Mainline, bears N. 75°19'20" E., 7.654 chs. dist., continuing on the northerly right-of-way line of the Nevada Northern Railway Mainline, through a portion of sec. 13.</p> <p>Over valley floor, covered with shadscale and sagebrush.</p>
7.690	<p>Point of Tangency and point for a witness point.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <p style="text-align: center;">WP</p> <p style="text-align: center;">S13</p> <p style="text-align: center;">└─┘</p> <p style="text-align: center;">2020</p> <p>Cor. is located S., 20 lks. dist. of dilapidated fence, parallels railroad.</p>
0.439	<p>N. 68°16'30" E., continuing on the northerly right-of-way line of the Nevada Northern Railway Mainline, through a portion of sec. 13.</p> <p>Initial Point of the westerly right-of-way line of the Nevada Northern Railway Branchline (Elko-03009).</p> <p>POINT NOT MONUMENTED</p> <p>Continue measurement on the northerly right-of-way line of the Mainline and on the westerly right-of-way line of the Nevada Northern Railway Branchline, through a portion of sec. 13.</p>
7.910	<p>Point of curvature of the Nevada Northern Railway Mainline (Nev-043230), at 100 ft. right angle distance from a point know as engineers station B.C. 417+79.28.</p> <p>POINT NOT MONUMENTED</p>

## CHAINS

13.598

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.

S13

Cor. is located in dilapidated fence line, bears N. 30° E. and S. 30° W.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, over a plastic-encased magnet, in a collar of stone, with brass cap mkd.

S12

2020

Over valley floor, covered with shadscale and sagebrush.

35.152

Add the marks to read as follows:

METES-AND-BOUNDS SURVEY OF THE NORTHERLY RIGHT-OF-WAY LINE OF  
THE NEVADA NORTHERN RAILWAY MAINLINE AND THE WESTERLY RIGHT-OF-  
WAY LINE OF THE NEVADA NORTHERN RAILWAY BRANCHLINE  
T. 16 N., R. 63 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

WP

S12 S 7



2020

2019

From this point, the witness point, on the E. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the W. bdy. of T. 16 N., R. 64 E., executed under Group No. 499, with a mound of stone 3 ft. diam., 1 ft. high, W. of cor., and a steel fence post alongside the stainless steel post, bears N. 0°09'50" W., 9.709 chs. dist.

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GENERAL DESCRIPTION

The lands situated within Township 16 North, Range 63 East, are located in White Pine County, Nevada, in and around Ely, Nevada. U.S. Highway No. 50 and the Nevada Northern Railway tracks both wind through the township. The terrain varies from steep mountains in the west portion to nearly level lands on the valley floor in the east portion. The average elevation of the area is approximately 6600 feet above sea level. Vegetation consists primarily of sagebrush and shadscale in the lower elevations with pinon pine and juniper in the higher elevations.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Michael E. Swope	Cadastral Surveyor
Mark G. Petrosine	Surveying Technician
Lucas T. Beauchamp	Student Trainee
Justin V. Haddon	Student Trainee
Wyatt B. Butler	Student Trainee
Nathan D. Mersino	Student Trainee

## CERTIFICATE OF SURVEY

I, Brandon K. Grace, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 9th day of June, 2015, I have dependently resurveyed a portion of the subdivisional lines, and subdivided section 13, and executed metes-and-bounds surveys of the northerly and southerly right-of-way lines of the Nevada Northern Railway Mainline and the easterly and westerly right-of-way lines of the Nevada Northern Railway Branchline, Township 16 North, Range 63 East, of the Mount Diablo Meridian, in the State of Nevada, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

OCT 17 2023

(Date)

Brandon K. Grace

(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Reno, Nevada

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 13, and metes-and-bounds surveys of the southerly and northerly right-of-way lines of the Nevada Northern Railway Mainline and easterly and westerly right-of-way lines of the Nevada Northern Railway Branchline, Township 16 North, Range 63 East, Mount Diablo Meridian, Nevada, executed by Brandon K. Grace, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

NOV 01 2023

(Date)

Michael C. Hummer

(Chief Cadastral Surveyor for Nevada)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in Township 16 North, Range 63 East, Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor for Nevada)~~