# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY,

A PORTION OF THE SUBDIVISIONAL LINES

AND PORTIONS OF THE SUBDIVISION-OF-SECTION LINES OF SECTION 31,

THE SUBDIVISION OF SECTIONS 4 AND 8,

AND

METES-AND-BOUNDS SURVEYS OF THE EASTERLY AND WESTERLY RIGHT-OF-WAY LINES

OF THE NEVADA NORTHERN RAILWAY HILINE AND MAINLINE,

TOWNSHIP 17 NORTH, RANGE 64 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

#### EXECUTED BY

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Under Special Instructions dated May 31, 2007, and approved May 31, 2007, and Supplemental Special Instructions dated December 6, 2017

and approved December 6, 2017,

which provided for the surveys included under Group No. 853, and Assignment Instructions dated May 31, 2007, October 23,

2012 and May 9, 2017.

Survey commenced May 31, 2007 Survey completed January 8, 2018

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CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary, a portion of the subdivisional lines and portions of the subdivision-of-section lines of section 31, the subdivision of sections 4 and 8, and metes-and-bounds surveys of the easterly and westerly right-of-way lines of the Nevada Northern Railway Hiline and Mainline, Township 17 North, Range 64 East, Mount Diablo Meridian, Nevada.

The west and north boundaries, portions of the south and east boundaries 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. Portions of the south and east boundaries and a portion of the subdivisional lines were surveyed by U.S. Deputy Surveyors E.B. Monroe and A.G. Bateman in 1874 under Contract No. 63. The east half miles between sections 4 and 9, 9 and 16, 16 and 21, and 21 and 28 were never run. The corner of Tps. 16 and 17 N., Rs. 63 and 64 E., was recovered and remonumented, the corner of Tps. 16 and 17 N., Rs. 64 and 65 E., was reestablished and monumented and a portion of the east boundary was dependently resurveyed by Cadastral Engineers E. Voight and J.W. Hardison in 1943 under Group No. 257. A portion of the west boundary and a portion of the subdivisional lines were dependently resurveyed by Cartographer-Cadastral H.G. Parker in 1955-1956 under Group No. 361. portion of the west boundary was dependently resurveyed by Cadastral Surveyor R.A. Pratt in 1972 under Group No. 488. The south boundary, a portion of the north boundary and a portion of the subdivisional lines were dependently resurveyed by Cadastral Surveyor R.A. Pratt in 1973 under Group No. 499. Portions of the south boundary was dependently resurveyed by Cadastral Surveyor J.A. Farmer in 1982 under Group No. 602. Portions of the east and north boundaries and a portion of the subdivisional lines were dependently resurveyed, and the retracement and remonumentation of certain corners of Mineral Survey Nos. 4026 and 4030 and the survey of the protracted line of the subdivisional line between sections 28 and 33 were executed by Cadastral Surveyor R.E. Williams in 1983 under Group No. 602. A portion of the west boundary was dependently resurveyed, section 31 was subdivided and a metes-and-bounds survey in section 31 was executed by Cadastral Surveyor K.M. Hellebust in 2009 under Group No. 886. Mineral Survey Nos. 4026, 4027 and 4030 were surveyed by U.S. Mineral Surveyor F.W. Millard in 1911.

The metes-and-bounds surveys of the easterly and westerly right-of-way lines of the Nevada Northern Railway Hiline and Mainline represent 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 a diligent search made for any evidence of the original corners and other calls of the original field note record.

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 set forth in the Manual of Surveying Instructions, 1973, the

#### TOWNSHIP 17 NORTH, RANGE 64 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

Special Instructions dated May 31, 2007 and the Supplemental Special Instructions dated December 6, 2017, for Group No. 853.

Measurements were made with Trimble R8-3 Global Positioning System (GPS) receivers using the real-time kinematic (RTK) method and refer to the true meridian based on geodetic methods. The mean bearings of lines and horizontal equivalent of ground distances only are entered in the field notes.

The NAD83 (2011) (EPOCH: 2010.0000) geographic positions for the below were determined by GPS Static observations processed by the National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuous Operating Reference (CORS) Stations ECHO ECHO\_BRGN\_NV1999 CORS ARP, GOSH BRGN UT1996 CORS ARP, NVPI PIOCHE CORS ARP, EGAN EGAN BRGN NV1996 CORS ARP, NVSV SPRING VALLEY CORS ARP, LKN1 ELKO CORS ARP and carried forward by RTK observations.

The cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., is as follows:

Latitude: 39°17'19.456" N. Longitude: 114°48'19.456" W.

The 1/4 sec. cor. of secs. 4 and 33, on the N. bdy. of the Tp., is as follows:

Longitude: 114°46'41.019" W. Latitude: 39°22'35.439" N.

The February 14, 2013 mean magnetic declination was determined to be 12°38' E., as obtained from the National Oceanic and Atmospheric Administration's National Geophysical Data Center declination calculator.

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyors E.B. Monroe and A.G. Bateman in 1872 and a portion of the Dependent Resurvey Executed by Cadastral Surveyor R.A. Pratt in 1973

Beginning at the cor. of secs. 5, 6, 31 and 32, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of the S. bdy. of T. 17 N., R 64 E., executed under Group No. 499, with a mound of stone, 3 ft. diam., 1 1/2 ft. high, W. of cor.

S. 89°36'00" W., bet. secs. 6 and 31.

Descending slightly over nearly level land, through scattered sagebrush.

Trail road, 13 lks. wide, bears NNE. and SSW.

23.10

CHAINS	
23.897	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 6 and 31, on the S. bdy. of the Tp., hereinafter described.
25.450	Center of the Nevada Northern Railway tracks, bears N. 12°18'50" E. and S. 12°18'50" W.
27.003	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 6 and 31, on the S. bdy. of the Tp., hereinafter described.
27.70	Trail road, 12 lks. wide, bears NNE. and SSW.
39.017	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 6 and 31, on the S. bdy. of the Tp., hereinafter described.
39.60	Trail road, 12 lks. wide, bears N. and S.
39.991	The 1/4 sec. cor. of secs. 6 and 31, monumented with an iron post, 2 1/2 ins. diam., firmly set, in a mound of stone, 3 ft. diam., 2 ft. high, with brass cap mkd. as described in the field notes of the dependent resurvey of the S. bdy. of T. 17 N., R. 64 E., executed under Group No. 499.
	S. 89°36'50" W., beginning new measurement.
0.544	Center of the Nevada Northern Railway tracks, bears N. 2°59'10" E. and S. 2°59'10" W.
0.80	Trail road, 13 lks. wide, bears N. and S.
2.062	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 6 and 31, on the S. bdy. of the Tp., hereinafter described.
20.006	The W 1/16 sec. cor. of secs. 6 and 31, determined by Cody L. Sommer, Nevada Professional Land Surveyor No. 17597, in 2013, monumented with a rebar, 5/8 ins. diam., firmly set, projecting 1 in. above the ground, mkd. SYNTECH W1/16 S31 S6 2013 PLS 17597, as recorded in White Pine County, Nevada, Map No. 1165. This is accepted as a careful and faithful determination of the position of the corner.
	S. 89°36'50" W., beginning new measurement.
11.10	Asphalt surfaced road, 18 lks. wide, bears N. 20° E. and S. 20° W.
18.80	Powerline, bears NNE. and SSW.

CHAINS	
19.505	The cor. of Tps. 16 and 17 N., Rs. 63 and 64 E., monumented with an iron post, 3 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 a portion of the E. bdy. of T. 17 N., R. 64 E., executed under Group No. 257.
	DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
	Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyors E.B. Monroe and A.G. Bateman in 1872, a Portion of the Dependent Resurvey Executed by Cartographer-Cadastral H.G. Parker in 1955-56 and a Portion of the Dependent Resurvey Executed by Cadastral Surveyor R.A. Pratt in 1973
	From the 1/4 sec. cor. of secs. 16 and 17, 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 a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 361, with a mound of stone, 3 ft. diam., 1 ft. high, W. of cor. Add mks. T17N R64E 2013 to the brass cap.
	N. 0°20'10" W., bet. secs. 16 and 17.
	Over gently rolling land, through scattered sagebrush.
16.70	Draw, drains NW.
32.917	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 16 and 17, hereinafter described.
36.628	Center of the Nevada Northern Railway tracks, concave to the NW.
41.00	Trail road, 13 lks. wide, bears NNE. and SSW.
42.935	The cor. of secs. 8, 9, 16 and 17, monumented with an iron post, 2 1/2 ins. diam., firmly set, in a mound of stone, 3 ft. diam., 1 ft. high, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 361.
	From the 1/4 sec. cor. of secs. 9 and 16, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 499, with a mound of stone, 3 ft. diam., 2 ft. high, N. of cor.
	N. 89°57'20" W., bet. secs. 9 and 16.

CHAINS	
	Descending gradually, through scattered sagebrush, juniper and pinon pine.
37.696	The witness point, at the intersection of the easterly right-ofway line of the Nevada Northern Railway, Hiline, with the line bet. secs. 9 and 16, hereinafter described.
39.212	Center of the Nevada Northern Railway tracks, bears N. 1°20'00" E. and S. 1°20'00" W.
39.80	Trail road, 13 lks. wide, bears N. and S.
39.967	The cor. of secs. 8, 9, 16 and 17.
	N. 0°03'50" E., bet. secs. 8 and 9.
	Descending gradually, through scattered sagebrush.
3.00	Trail road, 13 lks. wide, bears irregularly SSE. and NNW.
17.80	Same trail road, bears irregularly NNE. and SSW.
22.310	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 8 and 9, hereinafter described.
41.024	The 1/4 sec. cor. of secs. 8 and 9, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 499, with a mound of stone, 3 ft. diam., 1 1/2 ft. high, W. of cor.
	From the 1/4 sec. cor. of secs. 4 and 9, monumented with an iron post, 2 1/2 ins. diam., firmly set in a mound of stone, 4 ft. diam., 1 ft. high, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 499.
	S. 89°59'50" W., bet. secs. 4 and 9.
	Descending, through scattered sagebrush.
20.021	The witness point, at the intersection of the easterly right-ofway line of the Nevada Northern Railway, Hiline, with the line bet. secs. 4 and 9, hereinafter described.
21.565	Center of the Nevada Northern Railway tracks, concave to the E.
22.30	Trail road, 13 lks. wide, bears NNE. and SSW.
23.106	The witness point, at the intersection of the westerly right-ofway line of the Nevada Northern Railway, Hiline, with the line bet. secs. 4 and 9, hereinafter described.
32.60	Powerline, bears NNE. and SSW.

CHAINS	
39.992	The cor. of secs. 4, 5, 8 and 9, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with a wood post and an iron pipe exposed alongside, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 499, with a mound of stone, 3 ft. diam., 1 1/2 ft. high, W. of cor.
	From the 1/4 sec. cor. of secs. 31 and 32, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 499, with a mound of stone, 3 ft. diam., 1 ft. high, W. of cor.
	N. 1°11'20" E., bet. secs. 31 and 32.
	Descending slightly, through scattered sagebrush.
1.10	Wash, drains W.
7.60	Wash, 23 lks. wide, 2 ft. deep, drains N. 50° W.
10.80	Trail road, 12 lks. wide, bears NE. and SW.
24.80	Trail road, 12 lks. wide, bears NNE. and SSW.
28.034	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 31 and 32, hereinafter described.
33.180	Center of the Nevada Northern Railway tracks, bears N. 18°18'50" E. and S. 18°18'50" W.
38.325	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 31 and 32, hereinafter described.
36.90	Trail road, 13 lks. wide, bears NNE. and SSW.
40.778	The cor. of secs. 29, 30, 31, and 32, monumented with an iron post, 2 1/2 ins. diam., firmly set in a mound of stone, 4 ft. diam., 1 ft. high, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 361.
	From the 1/4 sec. cor. of secs. 29 and 32, 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 subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 499, with a mound of stone, 3 ft. diam., 1 1/2 ft. high, N. of cor.
	N. 86°35'40" W., bet. secs. 29 and 32.
	Descending, through scattered sagebrush.

	1. 1/ N., K. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS 16.70	Trail road, 11 lks. wide, bears ENE. and WSW.
18.30	Powerline, bears SSE. and NNW.
19.60	Powerline, bears SSE. and NNW.
20.90	Powerline, bears SSE. and NNW.
21.70	Trail road, 14 lks. wide, bears NNE. and SSW.
30.50	Faint trail road, 11 lks. wide, bears N. and S.
37.20	Trail road, 12 lks. wide, bears NNE. and SSW.
37.949	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 29 and 32, hereinafter described.
39.516	Center of the Nevada Northern Railway tracks, concave to the NW.
40.70	Trail road, 13 lks. wide, bears NNE. and SSW.
41.084	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 29 and 32, hereinafter described.
41.831	The cor. of secs. 29, 30, 31 and 32.
	From the E 1/16 sec. cor. of secs. 30 and 31, 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 a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 361.
	S. 89°11'50" W., bet. secs. 30 and 31.
6.629	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 30 and 31, hereinafter described.
7.50	Trail road, 12 lks. wide, bears NNE. and SSW.
8.166	Center of the Nevada Northern Railway tracks, concave to the NW.
8.70	Trail road, 13 lks. wide, bears NNE. and SSW.
9.704	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway with the line bet. secs. 30 and 31, hereinafter described.
10.30	Wash, drains NW.
·	

CHAINS 20.724	The 1/4 sec. cor. of secs. 30 and 31, monumented with an iron
	post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 361. Add mks. T17N R64E 2007 to brass cap.
	From the 1/4 sec. cor. of secs. 20 and 29, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 499, with a mound of stone, 3 1/2 ft. diam., 1 ft. high, N. of cor.
	S. 88°18'20" W., bet. secs. 20 and 29.
	Descending, through scattered sagebrush.
9.80	Trail road, 12 lks. wide, bears NE. and SW.
12.905	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 20 and 29, hereinafter described.
14.526	Center of the Nevada Northern Railway tracks, concave to the NW.
15.10	Trail road, 13 lks. wide, bears NNE. and SSW.
16.157	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 20 and 29, hereinafter described.
25.00	Powerline, bears SSE. and NNW.
26.20	Powerline, bears SSE. and NNW.
26.60	Trail road, 15 lks. wide, bears SSE. and NNW.
27.50	Powerline, bears SSE. and NNW.
39.995	The cor. of secs. 19, 20, 29 and 30, monumented with an iron post, 2 1/2 ins. diam., firmly set, in a mound of stone, 3 ft. base, 8 ins. high, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 361.
	N. 89°36'20" W., bet. secs. 19 and 30.
7.00	Wash, drains NW.
14.600	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 19 and 30, hereinafter described.
15.50	Faint trail road, 11 lks. wide, bears NNE. and SSW.

CHAINS	
16.155	Center of the Nevada Northern Railway tracks, bears N. 13°27'00" E. and S. 13°27'00" W.
16.60	Trail road, 15 lks. wide, bears NNE. and SSW.
17.711	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 19 and 30, hereinafter described.
20.166	The E 1/16 sec. cor. of secs. 19 and 30, 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 a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 361.
	From the N 1/16 sec. cor. of secs. 19 and 20, monumented with an iron post, firmly set, projecting 6 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 361.
·	N. 0°20'00" W., bet. secs. 19 and 20.
	Over nearly level land, through scattered sagebrush.
3.325	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 19 and 20, hereinafter described.
5.50	Powerline, bears SE. and N.
6.468	Center of the Nevada Northern Railway tracks, bears N. 28°28'50" E. and S. 28°28'50" W.
9.659	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 19 and 20, hereinafter described.
20.192	The cor. of secs. 17, 18, 19 and 20, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, and in a collar of stone, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 361.
	From the cor. of secs. 16, 17, 20 and 21, 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 a portion of the subdivisional lines of T. 17 N., R. 64 E. with a date of 1956 instead of 1955, executed under Group No. 361.
	S. 89°52'10" W., bet. secs. 17 and 20.
	Descending, through scattered sagebrush.
1.90	Spur, slopes NW.

	1. 1, N., R. of E., Moon! BIABBO MERIBIAN, NEVADA
CHAINS	
6.80	Wash, drains NW.
30.349	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 17 and 20, hereinafter described.
32.035	Center of the Nevada Northern Railway tracks, concave to the SE.
33.715	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 17 and 20, hereinafter described.
39.998	The 1/4 sec. cor. of secs. 17 and 20, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 361. Add mks. T17N R64E 2007 to brass cap.
	S. 89°57'40" W., beginning new measurement.
	5. 69-57 40 w., beginning new measurement.
25.30	Wash, drains NW.
33.70	Trail road, 15 lks. wide, bears NNE. and SSW.
32.50	Powerline, bears NNE. and SSW.
33.277	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 17 and 20, hereinafter described.
34.819	Center of the Nevada Northern Railway tracks, concave to the NW.
35.80	Trail road, 15 lks. wide, bears NNE. and SSW.
35.90	Powerline, bears SSE. and NNW.
36.363	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 17 and 20, hereinafter described.
40.042	The cor. of secs. 17, 18, 19 and 20.
	From the cor. of secs. 8, 9, 16 and 17.
	N. 89°50'40" W., bet. secs. 8 and 17.
	Descending, through scattered sagebrush.
0.759	The witness point, at the intersection of the westerly right-ofway line of the Nevada Northern Railway, Hiline, with the line bet. secs. 8 and 17, hereinafter described.
10.40	Powerline, bears NNE. and SSW.
16.80	Wash, drains NW.

	T. 1/ N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	
31.70	Wash, drains SW.
40.20	Powerline, bears N. and SW.
40.80	Powerline, bears N. and SW.
41.017	The 1/4 sec. cor. of secs. 8 and 17, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 361. Add mks. T17N R64E 2007 to brass cap.
	N. 89°51'40" W., beginning new measurement.
17.00	Powerline, bears NNE. and SSW.
17.60	Trail road, 12 lks. wide, bears NNE. and SSW.
17.852	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 8 and 17, hereinafter described.
19.384	Center of the Nevada Northern Railway tracks, bears N. 8°34'50" E. and S. 8°34'50" W.
20.534	The W 1/16 sec. cor. of secs. 8 and 17, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 361, with a mound of stone, 3 ft. diam., 1 ft. high, N. of cor.
	N. 89°51'40" W., beginning new measurement.
0.382	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 8 and 17, hereinafter described.
3.90	Trail Road, 14 lks. wide, bears NNE. and SSW.
10.00	U.S. Highway No. 93, bears N. 14°30' E. and S. 14°30' W.
12.20	Fence, parallels U.S. Highway No. 93.
20.530	The cor. of secs. 7, 8, 17 and 18, 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 subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 361.
	Cor. is located 1 lk. E. of a corner of fences extending S. and W.
	N. 1°00'40" E., bet. secs. 7 and 8.

	1. 1/ N., K. 64 E., MOUNI DIABLO MERIDIAN, NEVADA
CHAINS	
20.338	The S 1/16 sec. cor. of secs. 7 and 8, determined by Richard E. Fonger, Nevada Professional Land Surveyor No. 4235, in 2000, monumented with a rebar, 5/8 in. diam., 16 ins. long, firmly set, projecting 1 in. above the ground, with a plastic cap, 1 in. diam., mkd. R. E. FONGER PLS 4235, as recorded in White Pine County, Nevada, Map No. 693. This is accepted as a careful and faithful determination of the position of the corner.
į	At the corner point
	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.
	S 1/16 S 7 S 8
	2017
	Insert the rebar inside the stainless steel post.
	N. 1°00'40" E., beginning new measurement.
20.10	Gravel road, 40 lks. wide, bears E. and W.
20.338	The 1/4 sec. cor. of secs. 7 and 8, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 499, with a wooden post, 4x4 ins., projecting 30 ins. above the ground, alongside iron post.  Cor. is located in a corner of fences extending N. and E.
	DEPENDENT RESURVEY OF PORTIONS OF THE SUBDIVISION-OF-SECTION LINES OF SECTION 31, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
	Reestablishment of a Portion of the Subdivision of Section 31 Executed by Cadastral Surveyor K.M. Hellebust in 2009
	From the 1/4 sec. cor. of secs. 6 and 31, on the S. bdy. of the Tp.
	N. 0°09'30" E., on the N-S center line of sec. 31.
25.00	Improved gravel road, 35 lks. wide, bears E. and W.
27.812	Center of the Nevada Northern Railway tracks, concave to the SE.
35.252	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Mainline, with the N-S center line of sec. 31, hereinafter described.

# DEPENDENT RESURVEY OF PORTIONS OF THE SUBDIVISION-OF-SECTION LINES OF SECTION 31, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

	T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	
40.599	The center 1/4 sec. cor. of sec. 31, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of the subdivision of section 31 of T. 17 N., R. 64 E., executed under Group No. 886.
	From the 1/4 sec. cor. of secs. 31 and 32, hereinbefore described.
	S. 89°25'20" W., on the E-W center line of sec. 31.
7.50	Trail road, 15 lks. wide, bears NE. and SW.
8.725	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Hiline, with the E-W center line of sec. 31, hereinafter described.
10.326	Center of the Nevada Northern Railway tracks, bears N. 18°18'50" E. and S. 18°18'50" W.
11.928	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the E-W center line of sec. 31, hereinafter described.
12.60	Trail road, 12 lks. wide, bears NNE. and SSW.
20.359	The C-E 1/16 sec. cor. of sec. 31, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of the subdivision of section 31 of T. 17 N., R. 64 E., executed under Group No. 886.
	S. 89°25'20" W., beginning new measurement.
15.366	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Mainline, with the E-W center line of sec. 31, hereinafter described.
15.40	Dirt road, 25 lks. wide, bears NNE. and SSW.
16.957	Center of the Nevada Northern Railway tracks, concave to the NW.
17.30	Trail road, 14 lks. wide, bears NNE. and SSW.
18.556	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Mainline, with the E-W center line of sec. 31, hereinafter described.
20.359	The center 1/4 sec. cor. of sec. 31.
	SUBDIVISION OF SECTION 4, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
	From the 1/4 sec. cor. of secs. 4 and 9.

## SUBDIVISION OF SECTION 4, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

	1. 17 N., K. 04 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	N 1929 40 W on the N S genter line of gog 4
	N. 1°38'40" W., on the N-S center line of sec. 4.
	Over gently rolling land, through scattered sagebrush.
39.209	The center 1/4 sec. cor. of sec. 4, determined by Dean Neubauer, Nevada Professional Land Surveyor No. 9392, in 2006, monumented with a rebar, 5/8 in. diam., 18 ins. long, firmly set, projecting 2 ins. above the ground, with an aluminum cap, 2 ins. diam., mkd. PLS 9392 SUMMIT, as recorded in White Pine County, Nevada, Map No. 946. This is accepted as a careful and faithful determination of the position of the corner.
	At the corner point
	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.
	T17N R64E
	C 1/4 S 4
	2007
	Deposit rebar inside stainless steel post.
	From this corner, the 1/4 sec. cor. of secs. 3 and 4, monumented with a limestone, 16x12x9 ins. (Record: 11x11x13 ins.), no marks visible, firmly set in mound of stone, bears S. 89°46'50" E., 39.122 chs. dist. This position is locally recognized as the corner and is accepted as the best available evidence of the position of the original corner.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, to top, over a plastic-encased magnet, with brass cap mkd.
	T17N R64E
	1/4 S 4   S 3
	2007
	Deposit limestone alongside stainless steel post.
	N. 1°38'40" W., beginning new measurement.
39.092	The 1/4 sec. cor. of secs. 4 and 33, on the N. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the N. bdy. of T. 17 N., R. 64 E., executed under Group No. 499.

## SUBDIVISION OF SECTION 4, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

	1. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	
	From the center 1/4 sec. cor. of sec. 4.
	N. 89°46'50" W., on the E-W center line of sec. 4.
3.900	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Hiline, with the E-W center line of sec. 4, hereinafter described.
5.415	Center of the Nevada Northern Railway tracks, bears S. 1°07'00" E. and N. 1°07'00" W.
6.78	Trail road, 13 lks. wide, bears N. and S.
6.931	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the E-W center line of sec. 4, hereinafter described.
22.90	Powerline, bears NNE. and SSW.
40.193	The 1/4 sec. cor. of secs. 4 and 5, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 499, with a mound of stone, 3 ft. diam., 1 ft. high, W. of cor.
	SUBDIVISION OF SECTION 8, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
	From the 1/4 sec. cor. of secs. 8 and 17.
	N. 0°10'10" E., on the N-S center line of sec. 8.
	Over nearly level land, through scattered sagebrush.
20.420	Point for the C-S 1/16 sec. cor. of sec. 8.
	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.
	C
	S 1/16   S 8 C
	2007
40.840	The center 1/4 sec. cor. of sec. 8, determined by David E. Provost, Nevada Professional Land Surveyor No. 11190, in 2003, monumented with a rebar, 5/8 in. diam., 18 ins. long, firmly set, projecting 1 in. above the ground, with a plastic cap, 1 in. diam., mkd. PROVOST PLS 11190, as recorded in White Pine County, Nevada, Map No. 792. This is accepted as a careful and faithful determination of the position of the corner.
	At the corner point

### SUBDIVISION OF SECTION 8, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

	T. 1/ N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	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.
	T17N R64E
	C 1/4 S 8
	2007
	Deposit rebar inside stainless steel post.
	N. 0°10'10" E., beginning new measurement.
20.420	A rebar, established by David E. Provost, Nevada Professional Land Surveyor No. 11190, 5/8 in. diam., firmly set, projecting 1 in. above the ground, with a plastic yellow cap, 1 in. diam., mkd. PROVOST PLS 11190, as recorded in White Pine County, Nevada, Map No. 792, not utilized during the course of this survey.
41.252	The 1/4 sec. cor. of secs. 5 and 8, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with an iron pipe exposed alongside, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 17 N., R. 64 E., executed under Group No. 499, with a mound of stone, 3 ft. diam., 2 ft. high, N. of cor.
	From the 1/4 sec. cor. of secs. 8 and 9.
	S. 89°54'00" W., on the E-W center line of sec. 8.
	Descending gradually, through scattered sagebrush.
1.50	Powerline, bears NNE. and SSW.
40.10	Powerline, bears N. and S.
40.70	Powerline, bears N. and S.
40.938	The center 1/4 sec. cor. of sec. 8.
	S. 89°54'00" W., beginning new measurement.
8.80	Powerline, bears NNE. and SSW.
11.40	Center of the Nevada Northern Railway tracks, concave to the NW.
19.80	U.S. Highway No. 93, bears N. 14°30' E. and S. 14°30' W.
20.231	Point for the C-W 1/16 sec. cor. of sec. 8.
	POINT NOT MONUMENTED
22.00	Fence, parallels U.S. Highway No. 93.

## SUBDIVISION OF SECTION 8, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	The 1/4 res can of series 7 and 0
40.462	The 1/4 sec. cor. of secs. 7 and 8.
	From the W 1/16 sec. cor. of secs. 8 and 17.
	N. 0°35'30" E., on the N-S center line of the SW1/4 of sec. 8.
2.717	The witness point, at the intersection of the westerly right-of-
2.717	way line of the Nevada Northern Railway, Mainline, with the N-S center line of the SW1/4 of sec. 8, hereinafter described.
20.380	The SW 1/16 sec. cor. of sec. 8, determined by Richard E. Fonger, Nevada Professional Land Surveyor No. 4235, monumented with a rebar, 5/8 in. diam., 18 ins. long, firmly set, projecting 1 in. above the ground, with a plastic yellow cap, 1 in. diam., mkd. R. E. FONGER PLS 4235, as recorded in White Pine County, Nevada, Map No. 693. This is accepted as a careful and faithful determination of the position of the corner.
	At the corner point
	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.
	SW 1/16 S 8
	2007
	Deposit rebar inside stainless steel post.
	N. 0°35'30" E., beginning new measurement.
18.60	U.S. Highway No. 93, bears N. 14°30' E. and S. 14°30' W.
20.378	The point for the C-W 1/16 sec. cor. of sec. 8.
	From the C-S 1/16 sec. cor. of sec. 8.
	N. 89°58'40" W., on the E-W center line of the SW1/4 of sec. 8.
14.836	The witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Mainline, with the E-W center line of the SW1/4 of sec. 8, hereinafter described.
16.368	Center of the Nevada Northern Railway tracks, bears N. 8°34'50" E. and S. 8°34'50" W.
17.900	The witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Mainline, with the E-W center line of the SW1/4 of sec. 8, hereinafter described.
20.383	The SW 1/16 sec. cor. of sec. 8.
	N. 89°58'40" W., beginning new measurement.
1	

## SUBDIVISION OF SECTION 8, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

	T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	
4.80	U.S. Highway No. 93, bears N. 14°30' E. and S. 14°30' W.
7.00	Fence, parallels U.S. Highway No. 93.
20.380	The S 1/16 sec. cor. of secs. 7 and 8.
	METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, HILINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
	MEMORANDUM
	The easterly right-of-way line of the Nevada Northern Railway, Hiline, was determined at 100 ft. right angle distance from and parallel with the observed centerline of the existing tracks, based on the description of the Nevada Northern Railway right-of-way application NEV-043230, as shown on the map entitled, "NEVADA NORTHERN RY. CO., Location Map of Branch Line, White Pine Co., Nev.", dated January 15, 1907, and the field notes in book S4L Alignment T-7 titled Hiline & Switch Back Alignment, containing the date 7-19-1907, and the name Y.B. Wagner.
	From the point for a witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 6 and 31, on the S. bdy. of the Tp.
	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.
	WP
	/s31
	S 6
	2013
	N. 12°18'50" E., on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 31.
13.519	Point of Curvature and point for a witness point.
	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.
1	· ·

CHAINS	
	WP
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	2013
	Thence on a line parallel to the arcs of centerline curves to the right on the easterly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the right of curvature increasing 30 minutes every 30 ft., a distance of 150.00 ft., a center 3°00′ curve to the right (radius: 1909.91 ft.), a distance of 566.68 ft., a taper to the right of curvature decreasing 30 minutes every 30 ft., a distance of 150.00 ft. The Point of Tangency on the easterly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 23°03'50" E., 12.467 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 31.
12.563	Point of Tangency and point for a witness point.
	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.
	WP
	/
	/ S31
	1
	2013
	N. 33°48'50" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 31.
4.207	Point of Curvature and point for a witness point.
	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.
	WP
	/
	/ S31
	<b>,</b>
	2013
	Thence along the arc of a circular curve to the left, having a radius of 2964.93 ft.; the long chord of said arc bears N. 26°03'50" E., 12.116 chs. dist., continuing on the easterly

	T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	right-of-way line of the Nevada Northern Railway, Hiline,
	through sec. 31.
12.153	Point of Tangency and point for a witness point.
	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.
	WP
	/ s31
	2013
	N. 18°18'50" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 31.
1.845	Point for a witness point, at the intersection of the easterly right-of-way line of Nevada Northern Railway, Hiline, with the E-W center line of sec. 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.
	WP
	$c - \frac{s}{s}$
	2017
31.461	Point for a witness point, at the intersection of the easterly right-of-way line of Nevada Northern Railway, Hiline, with the line bet. secs. 31 and 32.
	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.
	WP
	S32
	/s 31
	2013
	N. 18°18'50" E., on the easterly right-of-way line of the Northern Nevada Railway, Hiline, through sec. 32.

### METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, HILINE,

### T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA CHAINS 12.589 Point of Curvature and point for a witness point. 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. WP 2013 Thence along the arc of a circular curve to the left, having a radius of 11,559.19 ft.; the long chord of said arc bears N. 18°13'05" E., 0.586 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 32. 0.586 Point for a witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 29 and 32. 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. 2013 Thence continuing along the arc of the circular curve to the left, having a radius of 11,559.19 ft.; the long chord of said arc bears N. 15°57'05" E., 13.268 chs. dist., on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 29. Point of Tangency and point for a witness point. 13.271 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. WΡ 2013

	T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	N. 13°46'50" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 29.
34.30	Powerline, bears NNW. and SSE.
38.00	Powerline, bears NNW. and SSE.
41.60	Powerline, bears NNW. and SSE.
42.803	Point of Curvature and point for a witness point.
	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.
	WP
	S29
	2013
	Thence along the arc of a circular curve to the right, having a radius of 5629.65 ft.; the long chord of said arc bears N. 17°24'05" E., 10.774 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 29.
10.781	Point of Tangency and point for a witness point.
	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.
	WP
·	S29
	2013
	N. 21°01'20" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 29.
13.581	Point of Curvature and point for a witness point.
	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 EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, HILINE,

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS
WP

S29

Thence on a line parallel to a portion of the arcs of centerline curves to the left on the easterly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the left of curvature increasing 30 minutes every 30 ft., a distance of 150.00 ft., a center 3°00′ curve to the left (radius: 1909.91 ft.), a distance of 396.12 ft., a taper to the left of curvature decreasing 30 minutes every 30 ft., a distance of 150.00 ft. The Point of Tangency on the easterly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 12°49'50" E., 10.931 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 29.

2.378 Point for a witness point, at the intersection of the easterly right-of-way line of Nevada Northern Railway, Hiline, with the line bet. secs. 20 and 29.

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.

WP S20 S29

2013

Thence continuing on a line parallel to a portion of the arcs of centerline curves to the left on the easterly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the left of curvature increasing 30 minutes every 30 ft., a distance of 150.00 ft., a center 3°00′ curve to the left (radius: 1909.91 ft.), a distance of 396.12 ft., a taper to the left of curvature decreasing 30 minutes every 30 ft., a distance of 150.00 ft. The Point of Tangency on the easterly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 10°48'10" E., 8.578 chs. dist., on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 20.

8.603 | Point of Tangency and point for a witness point.

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 EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, HILINE,

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	MD
	WP
	S20
	/
	2013
	<del></del>
	N. 4°38'20" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 20.
6.107	Point of Curvature and point for a witness point.
	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.
	WP
	(
	S20
	2013
	Thence along the arc of a circular curve to the right, having a radius of 5629.65 ft.; the long chord of said arc bears N. 11°31'10" E., 20.437 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 20.
20.487	Point of Tangency and point for a witness point.
	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.
	WP
	/ 200
	/ S20
	2012
	2013
	N. 18°24'00" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 20.
36.602	Point of Curvature and point for a witness point.
	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.

CHAINS	
	WP
	/ S20
	/
	2013
	Thence along the arc of a circular curve to the right, having a radius of 5629.65 ft.; the long chord of said arc bears N. 22°07'30" E., 11.083 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 20.
11.091	Point of Tangency and point for a witness point.
	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.
	WP
	/ 520
	/ 520
	2012
	2013
	N. 25°51'00" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 20.
0.511	Point for a witness point, at the intersection of the easterly right-of-way line of Nevada Northern Railway, Hiline, with the line bet. secs. 17 and 20.
	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.
	WP
	/S17
	, 520
	2013
	N. 25°51'00" E., on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 17.
17.759	Point of Curvature and point for a witness point.
	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.
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	Thence along the arc of a circular curve to the left, having a radius of 5829.65 ft.; the long chord of said arc bears  N. 16°08'00" E., 29.815 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 17.
29.959	Point of Tangency and point for a witness point.
	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.
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	N. 6°25'00" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 17.
7.506	Point of Curvature and point for a witness point.
	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.
	WP
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	2013
	Thence on a line parallel to the arcs of centerline curves to the right on the easterly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the right of curvature increasing 30 minutes every 30 ft., a distance of 210.00 ft., a center 4°00′ curve to the right (radius: 1432.47 ft.), a distance of 648.37 ft., a taper to the right of curvature decreasing 30 minutes every 30 ft., a distance of 210.00 ft. The Point of Tangency on the easterly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 23°35'00" E., 14.972 chs. dist., continuing on the easterly

	T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	
	right-of-way line of the Nevada Northern Railway, Hiline, through sec. 17.
15.280	Point of Tangency and point for a witness point.
	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.
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	N. 40°45'00" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 17.
5.652	Point of Curvature and point for a witness point.
	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.
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	2013
	Thence on a line parallel to a portion of the arcs of centerline curves to the left on the easterly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the left of curvature increasing 1 degree every 30 ft., a distance of 150.00 ft., a center 6°00′ curve to the left (radius: 955.04 ft.), a distance of 507.00 ft., a taper to the left of curvature decreasing 1 degree every 30 ft., a distance of 150.00 ft. The Point of Tangency on the easterly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 21°02'30" E., 12.934 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 17.
4.138	Point for a witness point, at the intersection of the easterly right-of-way line of Nevada Northern Railway, Hiline, with the line bet. secs. 16 and 17.
	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.

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	Thence continuing on a line parallel to a portion of the arcs of centerline curves to the left on the easterly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the left of curvature increasing 1 degree every 30 ft., a distance of 150.00 ft., a center 6°00′ curve to the left (radius: 955.04 ft.), a distance of 507.00 ft., a taper to the left of curvature decreasing 1 degree every 30 ft., a distance of 150.00 ft. The Point of Tangency on the easterly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 14°00'20" E., 9.022 chs. dist., on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 16.
9.132	Point of Tangency and point for a witness point.
	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.
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	2013
	N. 1°20'00" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 16.
1.263	Point for a witness point, at the intersection of the easterly right-of-way line of Nevada Northern Railway, Hiline, with the line bet. secs. 9 and 16.
	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.
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	N. 1°20'00" E., on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9.

### METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, HILINE,

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

## CHAINS 17.333

Point of Curvature and point for a witness point.

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.

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2013

Thence on a line parallel to the arcs of centerline curves to the right on the easterly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the right of curvature increasing 30 minutes every 30 ft., a distance of 210.00 ft., a center 4°00′ curve to the right (radius: 1432.47 ft.), a distance of 310.43 ft., a taper to the right of curvature decreasing 30 minutes every 30 ft., a distance of 210.00 ft. The Point of Tangency on the easterly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 11°44'30" E., 10.432 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9.

10.517

Point of Tangency and point for a witness point.

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.

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2013

N. 22°09'00" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9.

6.844

Point of Curvature and point for a witness point. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, to solid rock, over a plastic-encased magnet, and in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.

## METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, HILINE,

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	WP
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	2013
	Thence on a line parallel to the arcs of centerline curves to the right on the easterly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the right of curvature increasing 1 degree every 30 ft., a distance of 90.00 ft., a center 4°00′ curve to the right (radius: 1432.47 ft.), a distance of 454.61 ft., a taper to the right of curvature decreasing 1 degree every 30 ft., a distance of 90.00 ft. The Point of Tangency on the easterly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 33°02'30" E., 8.971 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9.
9.039	Point of Tangency and point for a witness point.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
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	2013
	N. 43°56'00" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9.
0.660	Point of Curvature and point for a witness point.
	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.
	WP
	/s 9
	2013
	Thence on a line parallel to the arcs of centerline curves to the left on the easterly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the left of curvature increasing 1 degree every 30 ft., a

#### METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, HILINE,

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA CHAINS distance of 180.00 ft., a center 7°00' curve to the left (radius: 818.64 ft.), a distance of 266.71 ft., a taper to the left of curvature decreasing 1 degree every 30 ft., a distance of 180.00 ft. The Point of Tangency on the easterly right-ofway line of the Nevada Northern Railway, Hiline, bears N. 28°18'00" E., 10.144 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9. 10.322 Point of Tangency and point for a witness point. 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. 2013 N. 12°40'00" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9. Point of Curvature and point for a witness point. 11.984 Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, to solid rock, over a plastic-encased magnet, and in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.



2013

Thence on a line parallel to the arcs of centerline curves to the left on the easterly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the left of curvature increasing 1 degree every 30 ft., a distance of 150.00 ft., a center 6°00' curve to the left (radius: 955.04 ft.), a distance of 219.19 ft., a taper to the left of curvature decreasing 1 degree every 30 ft., a distance of 150.00 ft. The Point of Tangency on the easterly right-ofway line of the Nevada Northern Railway, Hiline, bears N. 1°35'30" E., 8.379 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9.

8.452 Point of Tangency and point for a witness point.

	OF THE NEVADA NORTHERN RAILWAY, HILINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	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.
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	N. 9°29'00" W., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9.
1.897	Point of Curvature and point for a witness point.
	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.
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	Thence on a line parallel to a portion of the arcs of centerline curves to the right on the easterly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the right of curvature increasing 30 minutes every 30 ft., a distance of 210.00 ft., a center 4°00′ curve to the right (radius: 1432.47 ft.), a distance of 330.43 ft., a taper to the right of curvature decreasing 30 minutes every 30 ft., a distance of 210.00 ft. The Point of Tangency on the easterly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 1°19'30" E., 10.706 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9.
9.405	Point for a witness point, at the intersection of the easterly right-of-way line of Nevada Northern Railway, Hiline, with the line bet. secs. 4 and 9.
	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 EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, HILINE,

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS 2013 Thence continuing on a line parallel to a portion of the arcs of centerline curves to the right on the easterly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the right of curvature increasing 30 minutes every 30 ft., a distance of 210.00 ft., a center 4°00' curve to the right (radius: 1432.47 ft.), a distance of 330.43 ft., a taper to the right of curvature decreasing 30 minutes every 30 ft., a distance of 210.00 ft. The Point of Tangency on the easterly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 11°45'50" E., 1.394 chs. dist., on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through a portion of sec. 4. 1.394 Point of Tangency and point for a witness point. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd. 2013 N. 12°08'00" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through a portion of sec. 4. 5.890 Point of Curvature and point for a witness point. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd. 2013 Thence on a line parallel to the arcs of centerline curves to the right on the easterly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to

### METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, HILINE,

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

the right of curvature increasing 30 minutes every 30 ft., a distance of 210.00 ft., a center 4°00' curve to the right (radius: 1432.47 ft.), a distance of 513.78 ft., a taper to the right of curvature decreasing 30 minutes every 30 ft., a distance of 210.00 ft. The Point of Tangency on the easterly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 26°36'30" E., 13.185 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through a portion of sec. 4.

13.383

Point of Tangency and point for a witness point.

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.

S 4

2013

N.  $41^{\circ}05^{\circ}00$ " E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through a portion of sec. 4.

6.393

Point of Curvature and point for a witness point.

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.

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2013

Thence on a line parallel to the arcs of centerline curves to the left on the easterly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the left of curvature increasing 2 degrees every 30 ft., a distance of 90.00 ft., a center 8°00' curve to the left (radius: 716.34 ft.), a distance of 437.59 ft., a taper to the left of curvature decreasing 2 degree every 30 ft., a distance of 90.00 ft. The Point of Tangency on the easterly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 19°59'00" E., 10.186 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through a portion of sec. 4.

10.473

Point of Tangency and point for a witness point.

METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, HILINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

#### CHAINS

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.

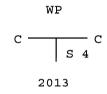


N. 1°07'00" W., continuing on the easterly right-of-way line of the Nevada Northern Railway, Hiline, through a portion of sec. 4.

#### 5.906

Point for a witness point, at the intersection of the easterly right-of-way line of Nevada Northern Railway, Hiline, with the E-W center line of sec. 4.

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 WESTERLY RIGHT-OF-WAY LINE
OF THE NEVADA NORTHERN RAILWAY, HILINE,
T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

#### MEMORANDUM

The westerly right-of-way line of the Nevada Northern Railway, Hiline, was determined at 100 ft. right angle distance from and parallel with the observed centerline of the existing tracks, based on the description of the Nevada Northern Railway right-of-way application NEV-043230, as shown on the map entitled, "NEVADA NORTHERN RY. CO., Location Map of Branch Line, White Pine Co., Nev.", dated January 15, 1907, and the field notes in book S4L Alignment T-7 titled Hiline & Switch Back Alignment, containing the date 7-19-1907, and the name Y. B. Wagner.

From the point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 6 and 31, on the S. bdy. of the Tp.

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

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.

S31/ S 6

2013

N. 12°18'50" E., on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 31.

14.202 | Point of Curvature and point for a witness point.

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

WP S31/ 2013

Thence on a line parallel to the arcs of centerline curves to the right on the westerly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the right of curvature increasing 30 minutes every 30 ft., a distance of 150.00 ft., a center 3°00′ curve to the right (radius: 1909.91 ft.), a distance of 566.68 ft., a taper to the right of curvature decreasing 30 minutes every 30 ft., a distance of 150.00 ft. The Point of Tangency on the westerly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 23°03'50" E., 13.597 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 31.

13.700 | Point of Tangency and point for a witness point.

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.

2013

METES-AND-BOUNDS SURVEY OF THE WESTERLY RIGHT-OF-WAY LINE
OF THE NEVADA NORTHERN RAILWAY, HILINE,
T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

	1. 1/ N., R. 64 E., MOUNI DIABLO MERIDIAN, NEVADA
CHAINS	
	N. 33°48'50" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 31.
4.207	Point of Curvature and point for a witness point.
	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.
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	2013
	Thence along the arc of a circular curve to the left, having a radius of 2764.93 ft.; the long chord of said arc bears N. 26°03'50" E., 11.299 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 31.
11.333	Point of Tangency and point for a witness point.
	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.
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	S31 /
	2013
	N. 18°18'50" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 31.
0.809	Point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the E-W center line of sec. 31.
	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.
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METES-AND-BOUNDS SURVEY OF THE WESTERLY RIGHT-OF-WAY LINE
OF THE NEVADA NORTHERN RAILWAY, HILINE,
T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

	T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	
41.295	Point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 31 and 32.
	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.
	WP S 32 S31
	2013
	N. 18°18'50" E., on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 32.
2.537	Point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 29 and 32.
	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.
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	S32/
	2013
	N. 18°18'50" E., on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 29.
0.218	Point of Curvature and point for a witness point.
	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.
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T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	Thence along the arc of a circular curve to the left, having a radius of 11,359.19 ft.; the long chord of said arc bears N. 16°02'50" E., 13.614 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 29.
13.618	Point of Tangency and point for a witness point.
	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.
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	N. 13°46'50" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 29.
42.55	Powerline, bears SSE. and NNW.
42.803	Point of Curvature and point for a witness point.
	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.
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	S29 <b>/</b>
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	2013
	Thence along the arc of a circular curve to the right, having a radius of 5829.65 ft.; the long chord of said arc bears N. 17°24'05" E., 11.156 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 29.
2.50	Powerline, bears SSE. and NNW.
6.40	Powerline, bears SSE. and NNW.
11.164	Point of Tangency and point for a witness point.
	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.

	T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	WD
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	2013
	N. 21°01'20" E., continuing on the westerly right-of-way line o the Nevada Northern Railway, Hiline, through sec. 29.
13.581	Point of Curvature and point for a witness point.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.
	WP
	S29 )
	2013
	Thence on a line parallel to a portion of the arcs of centerlin curves to the left on the westerly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the left of curvature increasing 30 minutes every 30 ft., a distance of 150.00 ft., a center 3°00′ curve to the left (radius: 1909.91 ft.), a distance of 396.12 ft., a taper t the left of curvature decreasing 30 minutes every 30 ft., a distance of 150.00 ft. The Point of Tangency on the westerly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 12°49'50" E., 10.067 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 29.
1.122	Point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 20 and 29.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with bras cap mkd.
	WP
	<u>S20</u>
	S29 /
	2013

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

#### CHAINS

Thence continuing on a line parallel to a portion of the arcs of centerline curves to the left on the westerly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the left of curvature increasing 30 minutes every 30 ft., a distance of 150.00 ft., a center 3°00′ curve to the left (radius: 1909.91 ft.), a distance of 396.12 ft., a taper to the left of curvature decreasing 30 minutes every 30 ft., a distance of 150.00 ft. The Point of Tangency on the westerly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 11°50'30" E., 8.957 chs. dist., on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 20.

8.992 Point of Tangency and point for a witness point.

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.

WP S20 2013

N. 4°38'20" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 20.

6.107 | Point of Curvature and point for a witness point.

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.

S20 S20 S2013

Thence along the arc of a circular curve to the right, having a radius of 5829.65 ft.; the long chord of said arc bears N. 11°31'10" E., 21.163 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 20.

21.214 Point of Tangency and point for a witness point.

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.

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

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	N. 18°24'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 20.
36.602	Point of Curvature and point for a witness point.
	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.
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	2013
	Thence along the arc of a circular curve to the right, having a radius of 5829.65 ft.; the long chord of said arc bears N. 21°48'45" E., 10.515 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 20.
10.522	Point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 17 and 20.
	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.
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	S20
	2013
	Thence continuing along the arc of the circular curve to the right, having a radius of 5829.65 ft.; the long chord of said arc bears N. 25°32'15" E., 0.964 chs. dist., on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 17.
0.964	Point of Tangency and point for a witness point.
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# METES-AND-BOUNDS SURVEY OF THE WESTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, HILINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, to solid rock, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
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	N. 25°51'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 17.
18.271	Point of Curvature and point for a witness point.
	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.
	WP
	s <sub>17</sub> /
	2013
	Thence along the arc of a circular curve to the left, having a radius of 5629.65 ft.; the long chord of said arc bears N. 16°08'00" E., 28.792 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 17.
28.931	Point of Tangency and point for a witness point.
	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.
	WP
	S17
	2013
	N. 6°25'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 17.
7.506	Point of Curvature and point for a witness point.

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

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.

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Thence on a line parallel to the arcs of centerline curves to the right on the westerly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the right of curvature increasing 30 minutes every 30 ft., a distance of 210.00 ft., a center 4°00′ curve to the right (radius: 1432.47 ft.), a distance of 648.37 ft., a taper to the right of curvature decreasing 30 minutes every 30 ft., a distance of 210.00 ft. The Point of Tangency on the westerly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 23°35'00" E., 16.760 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 17.

17.095 | Point of Tangency and point for a witness point.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, flush with ground, on E. edge of trail road, over a plastic-encased magnet, with brass cap mkd.

S17

2013

N. 40°45'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 17.

Point of Curvature and point for a witness point.

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.

S17

2013

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

#### CHAINS

Thence on a line parallel to the arcs of centerline curves to the left on the westerly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the left of curvature increasing 1 degree every 30 ft., a distance of 150.00 ft., a center 6°00′ curve to the left (radius: 955.04 ft.), a distance of 507.00 ft., a taper to the left of curvature decreasing 1 degree every 30 ft., a distance of 150.00 ft. The Point of Tangency on the westerly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 21°02'30" E., 10.891 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 17.

11.185 | Point of Tangency and point for a witness point.

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.

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2013

N. 1°20'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 17.

1.196 Point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 8 and 17.

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.

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2013

N. 1°20'00" E., on the westerly right-of-way line of the Northern Nevada Railway, Hiline, through sec. 8.

17.399 | Point of Curvature and point for a witness point.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

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Thence on a line parallel to a portion of the arcs of centerline curves to the right on the westerly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the right of curvature increasing 30 minutes every 30 ft., a distance of 210.00 ft., a center 4°00′ curve to the right (radius: 1432.47 ft.), a distance of 310.43 ft., a taper to the right of curvature decreasing 30 minutes every 30 ft., a distance of 210.00 ft. The Point of Tangency on the westerly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 11°44'30" E., 11.527 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 8.

4.933 Point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 8 and 9.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, to solid rock, over a plastic-encased magnet, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.



Thence continuing on a line parallel to a portion of the arcs of centerline curves to the right on the westerly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the right of curvature increasing 30 minutes every 30 ft., a distance of 210.00 ft., a center 4°00′ curve to the right (radius: 1432.47 ft.), a distance of 310.43 ft., a taper to the right of curvature decreasing 30 minutes every 30 ft., a distance of 210.00 ft. The Point of Tangency on the westerly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 17°08'50" E., 6.669 chs. dist., on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9.

6.685 | Point of Tangency and point for a witness point.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, to solid rock, over a plastic-encased magnet, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

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	2013
	N. 22°09'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9.
6.844	Point of Curvature and point for a witness point.
	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 mound of stone, 3 ft. base, to top, with brass cap mkd.
	WP
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	2013
	Thence on a line parallel to the arcs of centerline curves to the right on the westerly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the right of curvature increasing 1 degree every 30 ft., a distance of 90.00 ft., a center 4°00′ curve to the right (radius: 1432.47 ft.), a distance of 454.61 ft., a taper to the right of curvature decreasing 1 degree every 30 ft., a distance of 90.00 ft. The Point of Tangency on the westerly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 33°02'30" E., 10.116 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9.
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10.191	Point of Tangency and point for a witness point.
	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.
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	N. 43°56'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9.
0.660	Point of Curvature and point for a witness point.

# METES-AND-BOUNDS SURVEY OF THE WESTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, HILINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	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.
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	Thence on a line parallel to the arcs of centerline curves to the left on the westerly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the left of curvature increasing 1 degree every 30 ft., a distance of 180.00 ft., a center 7°00′ curve to the left (radius: 818.64 ft.), a distance of 266.71 ft., a taper to the left of curvature decreasing 1 degree every 30 ft., a distance of 180.00 ft. The Point of Tangency on the westerly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 28°18'00" E., 8.511 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9.
8.669	Point of Tangency and point for a witness point.
	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.
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	N. 12°40'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9.
11.984	Point of Curvature and point for a witness point.
	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.
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T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

#### CHAINS

Thence on a line parallel to the arcs of centerline curves to the left on the westerly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the left of curvature increasing 1 degree every 30 ft., a distance of 150.00 ft., a center 6°00′ curve to the left (radius: 955.04 ft.), a distance of 219.19 ft., a taper to the left of curvature decreasing 1 degree every 30 ft., a distance of 150.00 ft. The Point of Tangency on the westerly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 1°35'30" E., 7.215 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9.

7.281 | Point of Tangency and point for a witness point.

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.

S 9 2013

N. 9°29'00" W., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9.

1.897

Point of Curvature and point for a witness point.

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.

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Thence on a line parallel to a portion of the arcs of centerline curves to the right on the westerly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the right of curvature increasing 30 minutes every 30 ft., a distance of 210.00 ft., a center 4°00′ curve to the right (radius: 1432.47 ft.), a distance of 330.43 ft., a taper to the right of curvature decreasing 30 minutes every 30 ft., a distance of 210.00 ft. The Point of Tangency on the westerly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 1°19'30" E., 11.842 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through sec. 9.

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

#### CHAINS

#### 9.899

Point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the line bet. secs. 4 and 9.

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.

2013

Thence continuing on a line parallel to a portion of the arcs of centerline curves to the right on the westerly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the right of curvature increasing 30 minutes every 30 ft., a distance of 210.00 ft., a center 4°00′ curve to the right (radius: 1432.47 ft.), a distance of 330.43 ft., a taper to the right of curvature decreasing 30 minutes every 30 ft., a distance of 210.00 ft. The Point of Tangency on the westerly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 11°28'10" E., 2.043 chs. dist., on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through a portion of sec. 4.

2.043

Point of Tangency and point for a witness point.

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.

2013

N. 12°08'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through a portion of sec. 4.

5.890

Point of Curvature and point for a witness point.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, to solid rock, over a plastic-encased magnet, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

METES-AND-BOUNDS SURVEY OF THE WESTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, HILINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
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	Thence on a line parallel to the arcs of centerline curves to the right on the westerly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the right of curvature increasing 30 minutes every 30 ft., a distance of 210.00 ft., a center 4°00′ curve to the right (radius: 1432.47 ft.), a distance of 513.78 ft., a taper to the right of curvature decreasing 30 minutes every 30 ft., a distance of 210.00 ft. The Point of Tangency on the westerly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 26°36'30" E., 14.700 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through a portion of sec. 4.
14.914	Point of Tangency and point for a witness point.
	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.
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	N. 41°05'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through a portion of sec. 4.
6.393	Point of Curvature and point for a witness point.
	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.
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	2013

METES-AND-BOUNDS SURVEY OF THE WESTERLY RIGHT-OF-WAY LINE
OF THE NEVADA NORTHERN RAILWAY, HILINE,
T. 17 N. P. 64 F. MOUNT DIABLO MERIDIAN NEVADA

### T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA CHAINS Thence on a line parallel to the arcs of centerline curves to the left on the westerly right-of-way line of the Nevada Northern Railway, Hiline; the centerline described as a taper to the left of curvature increasing 2 degrees every 30 ft., a distance of 90.00 ft., a center 8°00' curve to the left (radius: 716.34 ft.), a distance of 437.59 ft., a taper to the left of curvature decreasing 2 degree every 30 ft., a distance of 90.00 ft. The Point of Tangency on the westerly right-of-way line of the Nevada Northern Railway, Hiline, bears N. 19°59'00" E., 8.004 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through a portion of sec. 4. 8.241 Point of Tangency and point for a witness point. 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. WP 2013 N. 1°07'00" W., continuing on the westerly right-of-way line of the Nevada Northern Railway, Hiline, through a portion of 5.976 Point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Hiline, with the E-W center line of sec. 4. 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. WP 2013

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#### MEMORANDUM

The easterly right-of-way line of the Nevada Northern Railway, Mainline, was determined at 100 ft. right angle distance from and parallel with the observed centerline of the existing tracks, based on the description of the Nevada Northern Railway right-of-way application NEV-043230, as shown on the map entitled, "Map of Amended Definite Location of the Nevada Northern Railway in Elko County and White Pine County State of Nevada", filed October 23, 1906.

From the point for a witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 6 and 31, on the S. bdy. of the Tp.

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.

2013

N.  $2^{\circ}59'10"$  E., on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.

2.808

Point of Curvature and point for a witness point.

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.

Thence along the arc of a circular curve to the left, having a radius of 11,559.19 ft.; the long chord of said arc bears N. 1°12'10" E., 10.901 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.

10.902

Point of Tangency and point for a witness point.

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 EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, MAINLINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

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	N. 0°34'50" W., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.							
8.308	Point of Curvature and point for a witness point.							
	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.							
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	2013							
	Thence along the arc of a circular curve to the right, having a radius of 2764.93 ft.; the long chord of said arc bears N. 9°21'10" E., 14.453 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.							
14.526	Point of Tangency and point for a witness point.							
	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.							
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	2013							
	N. 19°17'10" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.							
2.820	Point of Curvature and point for a witness point.							
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, flush with ground, on W. edge of road, over a plastic-encased magnet, with brass cap mkd.							

# METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, MAINLINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

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	Thence along the arc of a circular curve to the left, having a radius of 2964.93 ft.; the chord of said arc bears N. 18°08'20" E., 1.799 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.
1.799	Point for a witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Mainline, with the E-W center line of sec. 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 2 ins. below the surface of a trail road, over a plastic-encased magnet, with brass cap mkd.
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	Thence continuing measurement along the arc of the circular curve to the left, having a radius of 2964.93 ft.; the chord of said arc bears N. 11°01'05" E., 9.350 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.
11.166	Point of Tangency and point for a witness point.
	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.
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	N. 5°02'40" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.
4.535	Point of Curvature and point for a witness point.

### METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, MAINLINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

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ı	CHAINS	
		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.
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		2013
		Thence along the arc of a circular curve to the right, having a radius of 2764.93 ft.; the long chord of said arc bears N. 11°29'50" E., 9.416 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.
	9.436	Point of Tangency and point for a witness point.
	:	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.
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l		2013
		N. 17°57'00" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.
	11.266	Point of Curvature and point for a witness point.
		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.
		WP
		/S31
		<b>,</b>
		2013
		Thence along the arc of a circular curve to the left, having a radius of 2964.93 ft.; the long chord of said arc bears N. 13°18'00" E., 7.284 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through 31.
	7.292	Point of Tangency and point for a witness point.

# METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, MAINLINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

	T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brascap mkd.
	WP
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	2013
	N. 8°39'00" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.
0.026	Point for a witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Mainline, wit the line bet. secs. 30 and 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brascap mkd.
	WP
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	S31
	2013
	N. 8°39'00" E., on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
6.329	Point of Curvature and point for a witness point.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with bras cap mkd.
	WP
	(530
	2013
	Thence along the arc of a circular curve to the right, having a radius of 5629.65 ft.; the long chord of said arc bears N. 11°22'00" E., 8.086 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
8.089	Point of Tangency and point for a witness point.

# METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, MAINLINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

	T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	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.
	WP
	/s30
	2013
	N. 14°05'00" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
18.881	Point of Curvature and point for a witness point.
	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.
	WP
	)530
	2013
	Thence along the arc of a circular curve to the left, having a radius of 5829.65 ft.; the long chord of said arc bears N. 11°08'00" E., 9.092 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
9.096	Point of Tangency and point for a witness point. 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.
	WP
	s30
	2013
	N. 8°11'00" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
6.192	Point of Curvature and point for a witness point.
	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 EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, MAINLINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
CHAINS	WP
	) <sub>s30</sub>
	/550
-	2013
	Thence along the arc of a circular curve to the left, having a radius of 5829.65 ft.; the long chord of said arc bears N. 4°54'00" E., 10.118 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
10.123	Point of Tangency and point for a witness point.
	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.
	WP
	) = -
	2013
	N. 1°37'00" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
12.005	Point of Curvature and point for a witness point.
	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.
	WP
	(s30
	2013
	·
	Thence along the arc of a circular curve to the right, having a radius of 2764.93 ft.; the long chord of said arc bears N. 7°32'00" E., 8.637 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
8.652	Point of Tangency and point for a witness point. 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.

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
CHAINS	WP
	/
	/ S30
	2013
	N. 13°27'00" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
0.789	Point for a witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 19 and 30.
	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.
	WP
	/S19
	<del>-  </del>
	/ S30
	2013
	N. 13°27'00" E., on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 19.
8.165	Point of Curvature and point for a witness point.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.
	WP
	S19
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	2013
	Thence along the arc of a circular curve to the left, having a radius of 2964.93 ft.; the long chord of said arc bears N. 7°18'55" E., 9.602 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 19.
9.620	Point of Tangency and point for a witness point.
	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 EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, MAINLINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

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CHAINS	WP
	s <sub>19</sub>
	2013
	·
	N. 1°10'50" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 19.
16.729	Point of Curvature and point for a witness point.
	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.
	WP
	(s19
	2013
	Thence along the arc of a circular curve to the right, having a radius of 2764.93 ft.; the long chord of said arc bears N. 14°49'50" E., 19.773 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 19.
19.961	Point of Tangency and point for a witness point. 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.
	WP
	/s19
	2013
	N. 28°28'50" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 19.
11.918	Point for a witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 19 and 20.
	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.

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS 2013 N. 28°28'50" E., on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 20. 1.70 Powerline, bears SE. and NW. Point of Curvature and point for a witness point. 4.169 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. Thence along the arc of a circular curve to the left, having a radius of 2964.93 ft.; the long chord of said arc bears N. 19°30'30" E., 14.012 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 20. 11.00 Powerline, bears SSE. and NNW. Point for a witness point, at the intersection of the easterly 14.069 right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 17 and 20. 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. 2013 Thence continuing along the arc of a circular curve to the left, having a radius of 2964.93 ft.; the long chord of said arc bears N. 5°46'30" E., 7.457 chs. dist., on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 17.

# METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, MAINLINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

	1. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, MEVADA
CHAINS	Doint of Tongongu and point for
7.466	Point of Tangency and point for a witness point.
	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.
	WP
	S17
	2013
	N. 1°00'50" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 17.
9.40	Powerline, bears ESE. and WNW.
21.50	Powerline, bears NE. and SW.
22.40	Powerline, bears NE. and SW.
23.20	Powerline, bears NE. and SW.
24.10	Powerline, bears NE. and SW.
27.998	Point of Curvature and point for a witness point.
	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.
	WP
	/ s17
	2013
	Thence along the arc of a circular curve to the right, having a radius of 2764.93 ft.; the long chord of said arc bears N. 5°32'50" E., 6.622 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 17.
6.629	Point of Tangency and point for a witness point.
	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 EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, MAINLINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	WP
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	2013
	N. 10°04'50" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 17.
8.963	Point of Curvature and point for a witness point.
	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.
	WP
	/s17
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	2013
	Thence along the arc of a circular curve to the right, having a radius of 2764.93 ft.; the long chord of said arc bears N. 17°04'50" E., 10.211 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 17.
10.236	Point of Tangency and point for a witness point.
	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.
	WP
	/s17
	2013
	·
	N. 24°04'50" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 17.
5.220	Point of Curvature and point for a witness point.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, flush with ground, on W. edge of trail road, over a plastic-encased magnet, with brass cap mkd.

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
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	2013
	Thence along the arc of a circular curve to the left, having a radius of 2964.93 ft.; the long chord of said arc bears N. 16°19'50" E., 12.116 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 17.
12.153	Point of Tangency and point for a witness point.
	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.
	WP
	s17
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	2013
·	N. 8°34'50" E., continuing on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 17.
6.713	Point for a witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 8 and 17.
	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.
	WP
	/ s17
	2013
	N. 8°34'50" E., on the easterly right-of-way line of the Nevada Northern Railway, Mainline, through a portion of sec. 8.
20.613	Point for a witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Mainline, and the E-W centerline of the SW1/4 of sec. 8.

METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT-OF-WAY LINE
OF THE NEVADA NORTHERN RAILWAY, MAINLINE,
T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

#### CHAINS

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.

WP

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METES-AND-BOUNDS SURVEY OF THE WESTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, MAINLINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

#### MEMORANDUM

The westerly right-of-way line of the Nevada Northern Railway, Mainline, was determined at 100 ft. right angle distance from and parallel with the observed centerline of the existing tracks, based on the description of the Nevada Northern Railway right-of-way application NEV-043230, as shown on the map entitled, "Map of Amended Definite Location of the Nevada Northern Railway in Elko County and White Pine County State of Nevada", filed October 23, 1906.

From the point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 6 and 31, on the S. bdy. of the Tp.

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.

2013

N.  $2^{\circ}59'10"$  E., on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.

2.987 | Point of Curvature and point for a witness point.

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 WESTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, MAINLINE,
T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

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	S31)
	2013
	Thence along the arc of a circular curve to the left, having a radius of 11,359.19 ft.; the long chord of said arc bears N. 1°12'10" E., 10.712 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.
10.714	Point of Tangency and point for a witness point.
	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.
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	2013
	N 0024/E01 W continuing on the westernly wight of any line of
	N. 0°34'50" W., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.
8.308	Point of Curvature and point for a witness point.
	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.
	WP
	G21 /
	S31
	,
	2013
	Thence along the arc of a circular curve to the right, having a radius of 2964.93 ft.; the chord of said arc bears N. 7°59'35" E., 13.394 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.
13.444	Point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Mainline, with the N-S center line of sec. 31.

# METES-AND-BOUNDS SURVEY OF THE WESTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, MAINLINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

	1. 17 N., R. OF B., MOONT DIADED MERIDIAN, NEVADA
CHAINS	
	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.
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	2017
	Continue measurement along the arc of the circular curve to the right, having a radius of 2964.93 ft.; the chord of said arc bears N. 17°55'35" E., 2.132 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.
15.576	Point of Tangency and point for a witness point.
	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.
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	S31/
	2013
	N. 19°17'10" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.
2.820	Point of Curvature and point for a witness point.
	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.
	WP
	S31/
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	2013
	Thence along the arc of a circular curve to the left, having a radius of 2764.93 ft.; the chord of said arc bears N. 18°48'00" E., 0.711 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.

### METES-AND-BOUNDS SURVEY OF THE WESTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, MAINLINE, T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

	1. 17 N., R. OT B., MOONI DIADEO MERIDIAN, NEVADA
CHAINS	
0.711	Point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Mainline, with the E-W center line of sec. 31.
	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.
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	2017
	Continue measurement along the arc of a circular curve to the left, having a radius of 2764.93 ft.; the chord of said arc bears N. 11°40'45" E., 9.681 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.
10.413	Point of Tangency and point for a witness point.
	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.
	WP
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	/
	2013
	N. 5°02'40" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.
4.535	Point of Curvature and point for a witness point.
	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.
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	2013

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	Thence along the arc of a circular curve to the right, having a radius of 2964.93 ft.; the long chord of said arc bears N. 11°29'50" E., 10.097 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.
10.119	Point of Tangency and point for a witness point.
	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.
	WP
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	2013
	N. 17°57'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.
11.266	Point of Curvature and point for a witness point.
	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.
	WP
	s31/
	2013
	Thence along the arc of a circular curve to the left, having a radius of 2764.93 ft.; the long chord of said arc bears N. 13°37'40" E., 6.315 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 31.
6.321	Point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 30 and 31.
	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.

CHAINS	
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	S31 /
	2013
	Thence continuing along the arc of the circular curve to the left, having a radius of 2764.93 ft.; the long chord of said arc bears N. 8°58'40" E., 0.479 chs. dist., on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
0.479	Point of Tangency and point for a witness point.
	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.
	WP
	S30
	)
	2013
	N. 8°39'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
6.355	Point of Tangency and point for a witness point.
	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.
:	WP
	gao /
	S30
	'
	2013
	Thence along the arc of a circular curve to the right, having a radius of 5829.65 ft.; the long chord of said arc bears N. 11°22'00" E., 8.373 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
8.376	Point of Tangency and point for a witness point.
	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.

CHAINS	
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	s30 /
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	2013
	N. 14°05'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
18.881	Point of Curvature and point for a witness point.
	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.
	WP
	S30)
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	2013
	Thence along the arc of a circular curve to the left, having a radius of 5629.65 ft.; the long chord of said arc bears N. 11°08'00" E., 8.780 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
8.783	Point of Tangency and point for a witness point.
·	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.
	WP
	s30
	330)
	2012
	2013
	N. 8°11'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
6.192	Point of Curvature and point for a witness point.
	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.

CHAINS	
	WP
	s30)
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	2013
	Thence along the arc of a circular curve to the left, having a radius of 5629.65 ft.; the long chord of said arc bears N. 4°54'00" E., 9.771 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
9.776	Point of Tangency and point for a witness point.
	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.
	WP
	s30
	2013
	N. 1°37'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
12.005	Point of Curvature and point for a witness point.
	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.
	WP
	s30 (
	2013
	Thence along the arc of a circular curve to the right, having a radius of 2964.93 ft.; the long chord of said arc bears N. 7°32'00" E., 9.262 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
9.278	Point of Tangency and point for a witness point.
	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 WESTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, MAINLINE,

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
0.11.10	WP
	s30 /
	2013
	N. 13°27'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 30.
0.086	Point for a witness point at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 19 and 30.
	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.
	WP
	S19/
	s30/
	2013
	N. 13°27'00" E., on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 19.
8.867	Point of Curvature and point for a witness point.
	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.
	WP
	S19)
	319/
	2013
	Thence along the arc of a circular curve to the left, having a radius of 2764.93 ft.; the long chord of said arc bears N. 7°18'55" E., 8.954 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 19.
8.971	Point of Tangency and point for a witness point.
	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.

CHAINS				
	WP			
	S19			
	2013			
	N. 1°10'50" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 19.			
16.729	Point of Curvature and point for a witness point.			
	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.			
	WP			
	S19 (			
	2013			
	·			
	Thence along the arc of a circular curve to the right, having a radius of 2964.93 ft.; the long chord of said arc bears N. 14°49'50" E., 21.203 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 19.			
21.405	Point of Tangency and point for a witness point.			
	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.			
	WP			
:	s <sub>19</sub> /			
	2013			
	N. 28°28'50" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 19.			
14.20	Powerline, bears SE. and NW.			
16.087	Point of Curvature and point for a witness point.			
	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.			

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CHAINS	WP
	WE
	S19/
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,	2013
	Thence along the arc of a circular curve to the left, having a radius of 2764.93 ft.; the long chord of said arc bears N. 27°32'10" E., 1.381 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 19.
1.381	Point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 19 and 20.
	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.
	WP
	S
	S19 20
	2013
	Thence continuing along the arc of a circular curve to the left, having a radius of 2764.93 ft.; the long chord of said arc bears N. 18°57'05" E., 11.140 chs. dist., on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 20.
11.173	Point for a witness point, at the intersection of the easterly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 17 and 20.
	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.
	WP
	S17 \
	S20 /
	2013
	Thence continuing along the arc of a circular curve to the left, having a radius of 2764.93 ft.; the long chord of said arc bears N. 6°09'45" E., 7.519 chs. dist., on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 17.

	T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA			
CHAINS				
1.50	Powerline, bears SSE. and NNW.			
7.529	Point of Tangency and point for a witness point.			
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with bracap mkd.			
	WP			
	S17			
	2013			
	N. 1°00'50" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 17.			
10.10	Powerline, bears ESE. and WNW.			
19.70	Powerline, bears NE. and SW.			
20.50	Powerline, bears NE. and SW.			
21.40	Powerline, bears NE. and SW.			
22.40	Powerline, bears NE. and SW.			
27.998	Point of Curvature and point for a witness point.			
	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.			
	WP			
	S17			
	2013			
	Thence along the arc of a circular curve to the right, having a radius of 2964.93 ft.; the long chord of said arc bears N. 5°32'50" E., 7.101 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 17.			
7.109	Point of Tangency and point for a witness point.			
	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 WESTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY, MAINLINE,

T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	WP
	,
	S17
	2013
	N. 10°04'50" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 17.
8.963	Point of Curvature and point for a witness point.
	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.
	WP
	S17/
	/
	2013
	Thence along the arc of a circular curve to the right, having a radius of 2964.93 ft.; the long chord of said arc bears N. 17°04'50" E., 10.950 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 17.
10.977	Point of Tangency and point for a witness point.
	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.
	WP
	S17 /
	/
	2013
	N. 24°04'50" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 17.
5.220	Point of Curvature and point for a witness point.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.

	T. 17 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA
CHAINS	WP
	/
	S17
	2013
	Thence along the arc of a circular curve to the left, having a radius of 2764.93 ft.; the long chord of said arc bears N. 16°19'50" E., 11.299 chs. dist., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 17.
11.333	Point of Tangency and point for a witness point.
	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.
	WP
	and .
	S17
	2012
	2013
	N. 8°34'50" E., continuing on the westerly right-of-way line of the Nevada Northern Railway, Mainline, through sec. 17.
6.263	Point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Mainline, with the line bet. secs. 8 and 17.
	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.
	WP
	S 8
	S17 /
	2013
	From the point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Mainline, with the N-S center line of the SW1/4 of sec. 8.
	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.

CHAINS		WP
		WP
	S	1/
		W
		2013

N.  $8^{\circ}34'50"$  E., on the westerly right of way of Nevada Northern Railway, Mainline, through a portion of sec. 8.

Point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway, Mainline, with the E-W center line of the SW1/4 of sec. 8.

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.

 $\begin{array}{c}
 & \text{WP} \\
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 & \text{S} \\
 & \text{2013}
\end{array}$ 

#### GENERAL DESCRIPTION

The area surveyed is between Ely, Nevada, and McGill, Nevada. The eastern third of the township is steep and mountainous with the central third rolling alluvial terrain sloping to nearly level in the western third. The general drainage is to the west and east from the summit of the Duck Creek Range. Vegetation consists of sagebrush and grasses with juniper and pinion pine in the higher elevations. The elevations range from approximately 6,000 ft. to 7,500 ft. above sea level.

The Nevada Northern Railway Hiline and Mainline enter the township on the south boundary in sec. 31. The Hiline traverses north-north-easterly through the township exiting through sec. 4 on the north boundary. The Mainline traverses north-north-easterly exiting through sec. 5 on the north boundary. There are numerous power lines connecting to the power sub-station in sec. 18.

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### FIELD ASSISTANTS

Michael O. Harmening Chief Cadastral Surveyor Kane M. Hellebust Cadastral Surveyor Matthew N. Black Surveying Technician Steve E. Dagitz Surveying Technician Edward Graham, Jr. Surveying Technician Phillip B. Hunt Surveying Technician Joseph J. Johnson Surveying Technician Clay W. Morrow Surveying Technician Christopher O. Olanuntola Surveying Technician Mark G. Petrosine Surveying Technician Michael E. Swope Surveying Technician Nathan P. Trapp Surveying Technician Philip D. Van Buren Surveying Technician Matthew R. Weller Surveying Technician Christopher S. Bourgoine Supervisory Range Technician Matthew J. White Supervisory Range Technician Luis Alvarez Range Technician

Contractor-Land Surveyor

Paul L. Moss

#### CERTIFICATE OF SURVEY

We, Brandon K. Grace, Jose A. Serna and Lance A. Barney, Cadastral Surveyors, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 31st day of May, 2007, and supplemental special instructions bearing the date of December 6, 2017, We have dependently resurveyed a portion of the south boundary, a portion of the subdivisional lines and portions of the subdivision-of-section lines of section 31, subdivided sections 4 and 8, and executed metes-and-bounds surveys of the easterly and westerly right-of-way lines of the Nevada Northern Railway Hiline and Mainline, Township 17 North, Range 64 East, of the Mount Diablo Meridian, in the State of Nevada, which are represented in the foregoing field notes as having been executed by us and under our 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.

<u> 1 ~ 10 ~ λ018</u>
(Date)

1-10-2018

1-10-2018 (Date) Cadastral Surveyor)

Melme o Hamming

/For Jose A. Sern

(Cadastral Surveyor)

/For Lance A. Barney

(Cadastral Surveyor)

#### CERTIFICATE OF APPROVAL

### BUREAU OF LAND MANAGEMENT Reno, Nevada

The foregoing field notes of the dependent resurvey of a portion of the south boundary, a portion of the subdivisional lines and portions of the subdivision-of-section lines of section 31, the subdivision of sections 4 and 8, and metes-and-bounds surveys of the easterly and westerly right-of-way lines of the Nevada Northern Railway Hiline and Mainline, Township 17 North, Range 64 East, Mount Diablo Meridian, Nevada, executed by Brandon K. Grace, Jose A. Serna and Lance A. Barney, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

1-10-2018 (Date) Muhulo Hammuny
(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 17 North, Range 64 East, Mount Diablo Meridian, Nevada, is a true copy of the original field notes.

(Date)

(Chief Cadastral Surveyor for Nevada)