

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

A PORTION OF THE SOUTH BOUNDARY

AND A PORTION OF THE SUBDIVISIONAL LINES,

THE SUBDIVISION OF SECTION 33,

AND

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

THE NEVADA NORTHERN RAILWAY HILINE THROUGH A PORTION OF SECTION 33,

TOWNSHIP 18 NORTH, RANGE 64 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

EXECUTED BY

Brandon K. Grace, Cadastral Surveyor
Lance A. Barney, Cadastral Surveyor
Clay W. Morrow, Surveying Technician

Under Special Instructions dated June 14, 2007,

and approved June 14, 2007,

which provided for the surveys included under Group No. 854,

and Assignment Instructions dated June 17, 2007 and March 14, 2014.

Survey commenced June 17, 2007

Survey completed January 17, 2018

INDEX DIAGRAM

TOWNSHIP 18 NORTH, RANGE 64 EAST, MOUNT DIABLO MERIDIAN, NEVADA

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TOWNSHIP 18 NORTH, RANGE 64 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary and a portion of the subdivisional lines, the subdivision of section 33, and metes-and-bounds surveys of the easterly and westerly right-of-way lines of the Nevada Northern Railway Hiline through a portion of section 33, Township 18 North, Range 64 East, Mount Diablo Meridian, Nevada.

The south, east, west, and north boundaries and the subdivisional lines were surveyed by U.S. Deputy Surveyors E.B. Monroe and A.G. Bateman in 1872 under Contract No. 48. A portion of the east boundary was dependently resurveyed by Cadastral Engineers E. Voigt and J.W. Hardison in 1943 under Group No. 190. The original corner of sections 19, 24, 25 and 30, Tps. 18 N., Rs. 63 and 64 E., and the 1/4 section corner of sections 3 and 34, Tps. 18 and 19 N., R. 64 E., were recovered and remonumented as control to determine the position and remonument the corner of Tps. 18 and 19 N., Rs. 63 and 64 E., by Cadastral Surveyors H.G. Parker and J.D. Sorensen in 1963 under Group No. 413. A portion of the south boundary was dependently resurveyed by Cadastral Surveyor R.A. Pratt in 1973 under Group No. 499. A portion of the south boundary was dependently resurveyed by Cadastral Surveyor R.E. Williams in 1983 under Group No. 602. A portion of the west boundary was dependently resurveyed by Cadastral Surveyor D.A. Potts and Surveying Technician C.W. Morrow in 2006-09 under Group No. 840. Mineral Survey No. 3862 was surveyed by F.W. Millard, U.S. Mineral Surveyor, in 1910. Mineral Survey No. 4169 was surveyed by A.D. Knowlton, U.S. Mineral Surveyor, in 1913.

The metes-and-bounds surveys of the easterly and westerly right-of-way lines of the Nevada Northern Railway Hiline represents boundaries of lands encompassing the conveyance to be made to the City of Ely, Nevada, as described in Public Law 109-59, Section 1955, dated August 10, 2005.

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

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

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 854, dated June 14, 2007.

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 position of the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., determined by GPS static observations processed by National Geodetic Survey, Online Positioning user service(OPUS), utilizing Continuously Operating Reference Stations (CORS) ECHO_BRGN_NV1999 CORS ARP, GOSH_BRGN_UT1996 CORS ARP and EGAN CORS ARP, and carried forward by RTK observations:

TOWNSHIP 18 NORTH, RANGE 64 EAST, MOUNT DIABLO MERIDIAN, NEVADA

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| CHAINS | <p>Latitude: 39°22'35.819" N. Longitude: 114°46'08.348" W.</p> <p>The June 11, 2014 mean magnetic declination was determined to be 12°30' E., as obtained from the National Oceanic and Atmospheric Administration's National Geophysical Data Center declination calculator.</p> <hr/> <p>DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY, T. 18 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> <p>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.E. Williams in 1983</p> <hr/> <p>Beginning at the cor. of secs. 3, 4, 33 and 34, monumented with an aluminum post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with aluminum 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. 602, with a mound of stone, 3 ft. diam., 1 ft. high, W. of cor.</p> <p>From this cor., a limestone, 15x11x7 ins. (Record: 20x20x12 ins.), lying loose on the ground, mkd. with 3 notches on an edge and 3 notches on the opposite edge, original position indeterminate, bears S. 69°16'00" W., 1.440 chs. dist. Add the marks AM and deposit alongside aluminum post.</p> <p>S. 89°08'30" W., bet. secs. 4 and 33.</p> <p>Over rolling land, covered with sagebrush, rabbitbrush and grass.</p> <p>0.13 Trail road, 12 lks. wide, bears N. and S.</p> <p>9.00 Trail road, 14 lks. wide, bears SE. and NW.</p> <p>19.443 Point for the E 1/16 sec. cor. of secs. 4 and 33.</p> <p>POINT NOT MONUMENTED</p> <p>30.00 Trail road ending on a hill, 11 lks. wide, bears NE.</p> <p>38.850 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. 4 and 33, hereinafter described.</p> <p>38.886 The 1/4 sec. cor. of secs. 4 and 33, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above 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 N. bdy. of T. 17 N., R. 64 E., executed under Group No. 499.</p> <hr/> |
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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 18 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

| CHAINS | |
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| | <p>Reestablishment of a Portion of the Survey Executed by U.S. Deputy Surveyors E.B. Monroe and A.G. Bateman in 1872</p> |
| | <p>From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., hereinbefore described.</p> |
| | <p>N. 3°47'00" W., bet. secs. 33 and 34.</p> |
| | <p>Along W. slope of mountains, covered with sagebrush, rabbitbrush, grasses and scattered juniper and pinon pine.</p> |
| 3.75 | Trail road, 11 lks. wide, bears NE. and SW. |
| 19.394 | Point for the S 1/16 sec. cor. of secs. 33 and 34. |
| | POINT NOT MONUMENTED |
| 38.788 | Point for the 1/4 sec. cor. of secs. 33 and 34, at proportionate distance; there is no remaining evidence of the original corner. |
| | <p>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 mound of stone, 3 ft. base, to top, with brass cap mkd.</p> |
| | <p style="text-align: center;">T18N R64E 1/4 S33 S34 2007</p> |
| 40.70 | Ravine, drains W., begin ascent. |
| 58.80 | High rocky ridge, bears ESE. and WNW., begin descent. |
| 77.576 | <p>The cor. of secs. 27, 28, 33 and 34, perpetuated by F.W. Millard and Son, Frank W. Millard, Nevada Professional Engineer and Land Surveyor No. 9 and Robert W. Millard, Nevada Professional Engineer and Land Surveyor No. 217, in 1955, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 24 ins. above a scattered mound of stone, with a galvanized iron cap, 2 1/2 ins. diam., mkd. 8.22.55 T18N R64E 27 28 33 34 F.W. MILLARD & SON, as shown on Sheet 1 of 9, Plat of Survey No. 33, recorded as File No. 100098, White Pine County, Nevada. This is accepted as a careful and faithful perpetuation of the position of the original corner. Rebuild mound of stone, 3 ft. diam., 1 ft. high, around iron pipe.</p> |
| | <p>From this cor., Cor. No. 1, Mineral Survey No. 3862, Exchange No. 1 lode, identical with Cor. No. 1, Mineral Survey No. 3862, Exchange No. 3 lode, on line 2-3, Mineral Survey No. 3862, Exchange No. 4 lode (cancelled), monumented with a mound of stone, 3 ft. diam., 1 ft. high, with a weathered wood post, squared to 4x4 inches, 3 ft. long, lying loose alongside, no marks visible, bears N. 39°57'40" E., 17.591 chs. dist.</p> |

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 18 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

| CHAINS | |
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| | <p>From this same cor., Cor. No. 4, Mineral Survey No. 3862, Exchange No. 1 lode, identical with Cor. No. 1, Mineral Survey No. 3862, Exchange lode, on line 2-3, Mineral Survey No. 3862, Exchange No. 4 lode (cancelled), monumented with a mound of stone, 3 ft. diam., 1 ft. high, with a weathered wood post, squared to 4x4 inches, 3 ft. long, lying loose alongside, faintly mkd. 3862, bears N. 69°42'10" E., 17.820 chs. dist.</p> <hr/> <p>N. 88°02'50" W., bet. secs. 28 and 33.</p> <p>Descend W. slope, covered with sagebrush, rabbitbrush and grasses.</p> |
| 19.611 | <p>The E 1/16 sec. cor. of secs. 28 and 33, determined by Dean Neubauer, Nevada Professional Land Surveyor No. 9392, in 2006, monumented with a rebar, 18 ins. long, 5/8 in. diam., firmly set, projecting 2 ins. above the ground, with an aluminum cap, 1 1/2 ins. diam., mkd. PLS 9392 SUMMIT, with a steel fence post set alongside, as shown on Sheet 2 of 2, Amended Plat of Parcel Map, recorded as File No. 333269, White Pine County, Nevada. It was determined that although the measurements shown on Neubauer's parcel map for the position of this corner are incorrect, the monument is correctly located on the ground. This is accepted as a careful and faithful determination of the position of the corner.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <div style="text-align: center;"> <p>S28 E 1/16 — S33</p> <p>2007</p> </div> <p>Insert the rebar inside the stainless steel post and reset the fence post alongside.</p> <hr/> <p>N. 88°02'50" W., beginning new measurement.</p> |
| 2.43 | Old railway grade, bears NNE. and SSW. |
| 9.71 | Old asphalt road, 20 lks. wide, bears SSE. and NNW. |
| 10.18 | Powerline, bears NNE. and SSW. |
| 10.89 | Powerline, bears NNE. and SW. |
| 15.43 | Old railway grade, bears N. and S. |

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 18 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

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| CHAINS | |
| 19.611 | <p>The 1/4 sec. cor. of secs. 28 and 33, perpetuated by F.W. Millard and Son, Frank W. Millard, Nevada Professional Engineer and Surveyor No. 9 and Robert W. Millard, Nevada Professional Engineer and Land Surveyor No. 217, in 1955, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 24 ins. above the ground, with a galvanized iron cap, 2 1/2 ins. diam., mkd. 9.3.55 T18N R64E 28 33 F.W. MILLARD & SON, as shown on Sheet 1 of 9, Plat of Survey No. 33, recorded as File No. 100098, White Pine County, Nevada. This is accepted as a careful and faithful perpetuation of the position of the original corner.</p> |
| | <p style="text-align: center;">SUBDIVISION OF SECTION 33, T. 18 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA</p> |
| | <p>From the 1/4 sec. cor. of secs. 4 and 33, on the S. bdy. of the Tp.</p> |
| | <p>N. 3°55'30" W., on the N-S center line of sec. 33.</p> |
| | <p>Over gently rolling land, covered with sagebrush, rabbitbrush and grasses.</p> |
| 2.736 | <p>Center of the Nevada Northern Railway tracks, concave to the W.</p> |
| 6.38 | <p>Trail road, 12 lks. wide, bears NNE. and SSW.</p> |
| 7.79 | <p>Same trail road, 12 lks. wide, bears SSE. and NNW.</p> |
| 13.62 | <p>Confluence of trail roads, bears NNE., E. and SW.</p> |
| 14.83 | <p>Confluence of trail roads, bears NE., SE. and NW.</p> |
| 15.671 | <p>The point for a witness point, at the intersection of the westerly right-of-way line of the Nevada Northern Railway Hiline, with the N-S center line of sec. 33, hereinafter described.</p> |
| 19.845 | <p>The C-S 1/16 sec. cor. of sec. 33, determined by Dean Neubauer, Nevada Professional Land Surveyor No. 9392, in 2006, monumented with a rebar, 18 ins. long, 5/8 in. diam., firmly set, projecting 3 ins. above the ground, with an aluminum cap, 1 1/2 ins. diam., mkd. PLS 9392 SUMMIT, with a steel fence post set alongside, as shown on Sheet 2 of 2, Amended Plat of Parcel Map, recorded as File No. 333269, White Pine County, Nevada. This is accepted as a careful and faithful determination of the position of the corner.</p> |
| | <p>At the corner point</p> |
| | <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> |
| | <p style="text-align: center;">C S 1/16 S33 C</p> |
| | <p style="text-align: center;">2007</p> |

SUBDIVISION OF SECTION 33,
T. 18 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

| CHAINS | |
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| | <p>Insert the rebar inside the stainless steel post and reset the fence post alongside.</p> <hr/> |
| | <p>N. 3°55'30" W., beginning new measurement.</p> |
| 19.845 | <p>Point for the center 1/4 sec. cor. of sec. 33, at intersection with the E-W center line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> |
| | <p style="text-align: center;">T18N R64E C 1/4 S33</p> |
| | <p style="text-align: center;">2007</p> |
| | <p>Raise a mound of stone E. of cor.</p> |
| 26.90 | <p>Powerline, bears NNE. and SSW.</p> |
| 39.53 | <p>Barbed wire fence, 4 strands, bears ENE. and WSW.</p> |
| 52.51 | <p>Powerline, bears NE. and SW.</p> |
| 59.667 | <p>The 1/4 sec. cor. of secs. 28 and 33.</p> <hr/> |
| | <p>From the 1/4 sec. cor. of secs. 33 and 34.</p> |
| | <p>N. 89°32'30" W., on the E-W center line of sec. 33.</p> |
| | <p>Descend W. slope, covered with sagebrush, rabbitbrush and grass.</p> |
| 19.519 | <p>The C-E 1/16 sec. cor. of sec. 33, determined by Dean Neubauer, Nevada Professional Land Surveyor No. 9392, in 2006, monumented with a rebar, 16 ins. long, 5/8 in. diam., firmly set, projecting 2 ins. above the ground, with an aluminum cap, 1 1/2 ins. diam., mkd. PLS 9392 SUMMIT, with a steel fence post set alongside, as shown on Sheet 2 of 2, Amended Plat of Parcel Map, recorded as File No. 333269, White Pine County, Nevada. This is accepted as a careful and faithful determination of the position of the corner.</p> |
| | <p>At the corner point</p> |
| | <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> |
| | <p style="text-align: center;">E 1/16 C ——— C S33</p> |
| | <p style="text-align: center;">2007</p> |
| | <p>Insert the rebar in the stainless steel post and reset the steel fence post alongside.</p> <hr/> |

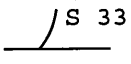
SUBDIVISION OF SECTION 33,
T. 18 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

| CHAINS | |
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| | N. 89°32'30" W., beginning new measurement. |
| 2.34 | Trail road, 11 lks. wide, bears SSE. and NNW. |
| 10.51 | Old railway grade, bears SSE. and NNW. |
| 14.27 | Old railway grade, bears SSE. and NNW. |
| 15.22 | Barbed wire fence, 4 strands, bears SSE. and NNW. |
| 19.519 | The center 1/4 sec. cor. of sec. 33. |
| 21.53 | Powerline, bears NNE. and SSW. |
| 35.91 | Trail road, 12 lks. wide, bears SE. and NW. |
| 50.44 | Powerline, bears NNE. and SSW. |
| 50.92 | Trail road, 14 lks. wide, bears NNE. and SSW. |
| 51.06 | Powerline, bears NNE. and SSW. |
| 52.42 | Powerline, bears NNE. and SSW. |
| 57.239 | <p>The 1/4 sec. cor. of secs. 32 and 33, determined by person(s) unknown, monumented with a rebar, 3/8 in. diam., 12 ins. long, firmly set, projecting 6 ins. above the ground. This rebar correlates well with other existing corners and is closely related to the position adopted by Dean Neubauer, Nevada Professional Land Surveyor No. 9392, in 2006, as shown on Sheet 2 of 2, Amended Plat of Parcel Map, recorded as File No. 333269, White Pine County, Nevada and is accepted as the best available evidence of the position of the original corner.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <div style="text-align: center;"> <p>T18N R64E</p> <p>1/4</p> <p>S32 S33</p> <p>2007</p> </div> <p>Insert the rebar inside the stainless steel post and raise a mound of stone W. of cor.</p> <p>From this cor., the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above 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 N. bdy. of T. 17 N., R. 64 E., executed under Group No. 499, bears S. 0°04'40" E., 39.600 chs. dist.</p> <hr/> <p>From the C-E 1/16 sec. cor. of sec. 33.</p> <p>N. 3°51'20" W., on the N-S center line of the NE1/4 of sec. 33.</p> |



SUBDIVISION OF SECTION 33,
T. 18 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

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| CHAINS | Over gently rolling land, covered with sagebrush, rabbitbrush and grass. |
| 39.305 | The E 1/16 sec. cor. of secs. 28 and 33. |
| | <hr/> <p>From the point for the E 1/16 sec. cor. of secs. 4 and 33, on the S. bdy. of the Tp.</p> <p>N. 3°51'10" W., on the N-S center line of the SE1/4 of sec. 33.</p> <p>Over gently rolling land, covered with sagebrush, rabbitbrush and grass.</p> |
| 6.68 | Trail road, 17 lks. wide, bears SE. and NW. |
| 19.620 | <p>The SE 1/16 sec. cor. of sec. 33, determined by Dean Neubauer, Nevada Professional Land Surveyor No. 9392, in 2006, monumented with a rebar, 5/8 in. diam., 16 ins. long, firmly set, projecting 2 ins. above the ground, with an aluminum cap, 1 1/2 ins. diam., mkd. PLS 9392 SUMMIT, with a steel fence post set alongside, as shown on Sheet 2 of 2, Amended Plat of Parcel Map, recorded as File No. 333269, White Pine County, Nevada. This is accepted as a careful and faithful determination of the position of the corner.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <p style="text-align: center;">SE 1/16 S33</p> <p style="text-align: center;">2007</p> <p>Insert the rebar inside stainless steel post and reset the steel fence post alongside.</p> <hr/> <p>N. 3°51'10" W., beginning new measurement.</p> |
| 15.45 | Trail road, 11 lks. wide, bears SE. and NW. |
| 19.620 | The C-E 1/16 sec. cor. of sec. 33. |
| | <hr/> <p>From the point for the S 1/16 sec. cor. of secs. 33 and 34.</p> <p>S. 89°48'00" W., on the E-W center line of the SE1/4 of sec. 33.</p> <p>Descend W. slope, covered with sagebrush, rabbitbrush and grass.</p> |
| 15.14 | Trail road, 11 lks. wide, bears N. and S. |
| 19.480 | The SE 1/16 sec. cor. of sec. 33. |
| | <hr/> <p>S. 89°48'00" W., beginning new measurement.</p> |

SUBDIVISION OF SECTION 33,
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| CHAINS | |
| 13.301 | The point for a 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 the SE1/4 of sec. 33, hereinafter described. |
| 15.141 | Center of the old Nevada Northern Railway grade, bears N. 34°24'00" E. and S. 34°24'00" W. |
| 16.00 | Old Railway grade, bears NE. and SW. |
| 16.982 | The 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 the SE1/4 of sec. 33, hereinafter described. |
| 17.35 | Barbed wire fence, 4 stands, bears NE. and SW. |
| 19.480 | The C-S 1/16 sec. cor. of sec. 33. |
| | <hr/> <p style="text-align: center;">METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY HILINE THROUGH A PORTION OF SECTION 33, T. 18 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <hr/> |
| | <p style="text-align: center;">MEMORANDUM</p> <p>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 and grade, 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 Hiline & Switch Back Alignment, containing the date 7-19-1907, and the name Y.B. Wagner.</p> |
| | <hr/> <p>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. 4 and 33, on the S. bdy. of the Tp.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.</p> |
| | <p style="text-align: center;">T18N R64E WP</p> <p style="text-align: center;">  S 4 T17N R64E </p> |
| | <p style="text-align: center;">2014</p> |

METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT-OF-WAY LINE OF THE
NEVADA NORTHERN RAILWAY HILINE THROUGH A PORTION OF SECTION 33,
T. 18 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

| CHAINS | |
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| 9.198 | <p>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 two degrees every 30 ft., a distance of 120 ft., a center 10°00' curve to the left (radius: 573.14 ft.), a distance of 306.26 ft., a taper to the left of curvature, decreasing two degrees every 30 ft., a distance of 120 ft., the Point of Tangency on the easterly right-of-way line of the Nevada Northern Railway Hiline, bears N. 11°05'50" E., 8.931 chs. dist., on the easterly right-of-way line of the Nevada Northern Railway Hiline, through a portion of section 33.</p> <p>Over gently rolling land, covered with sagebrush, rabbitbrush and grass.</p> <p>Point of Tangency and point for a witness point.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">WP  2014</p> |
| 0.866 | <p>N. 9°44'00" W., continuing on the easterly right-of-way line of the Nevada Northern Railway Hiline, through a portion of sec. 33.</p> <p>Point of Curvature and point for a witness point.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">WP  2014</p> <p>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 two degrees every 30 ft., a distance of 90 ft., a center 8°00' curve to the right (radius: 716.34 ft.), a distance of 461.76 ft., a taper to the right of curvature, decreasing two degrees every 30 ft., a distance of 90 ft., the Point of Tangency on the easterly right-of-way line of the Nevada Northern Railway Hiline, bears N. 12°20'00" E., 8.289 chs. dist., continuing on the easterly right-of-way line of the Nevada Northern Railway Hiline, through a portion of section 33.</p> |

METES-AND-BOUNDS SURVEY OF THE EASTERLY RIGHT-OF-WAY LINE OF THE
NEVADA NORTHERN RAILWAY HILINE THROUGH A PORTION OF SECTION 33,
T. 18 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

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| <p>CHAINS 8.557</p> | <p>Point of Tangency and point for a witness point.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">WP / S33</p> <p style="text-align: center;">2014</p> |
| <p>2.551</p> | <p>N. 34°24'00" E., continuing on the easterly right-of-way line of the Nevada Northern Railway Hiline, through a portion of sec. 33.</p> <p>Point for a 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 the SE1/4 of sec. 33.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">WP S S — / S / 33</p> <p style="text-align: center;">2014</p> |
| | <p>METES-AND-BOUNDS SURVEY OF THE WESTERLY RIGHT-OF-WAY LINE OF THE NEVADA NORTHERN RAILWAY HILINE THROUGH A PORTION OF SECTION 33, T. 18 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA</p> <p style="text-align: center;">MEMORANDUM</p> <p>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 and grade, 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 Hiline & Switch Back Alignment, containing the date 7-19-1907, and the name Y.B. Wagner.</p> <p>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 N-S center line of sec. 33.</p> <p>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 mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.</p> |

METES-AND-BOUNDS SURVEY OF THE WESTERLY RIGHT-OF-WAY LINE OF THE
NEVADA NORTHERN RAILWAY HILINE THROUGH A PORTION OF SECTION 33,
T. 18 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA

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| CHAINS | <div data-bbox="922 294 992 468" data-label="Text"> <p>WP C S 33 ✓ C</p> </div> <div data-bbox="914 504 985 527" data-label="Text"> <p>2014</p> </div> <div data-bbox="436 558 1464 873" data-label="Text"> <p>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 two degrees every 30 ft., a distance of 90 ft., a center 8°00' curve to the right (radius: 716.34 ft.), a distance of 461.76 ft., a taper to the right of curvature, decreasing two degrees every 30 ft., a distance of 90 ft., the Point of Tangency on the westerly right-of-way line of the Nevada Northern Railway Hiline, bears N. 27°13'30" E., 4.266 chs. dist., on the westerly right-of-way line of the Nevada Northern Railway Hiline, through a portion of section 33.</p> </div> <div data-bbox="306 900 1203 926" data-label="Text"> <p>4.283 Point of Tangency and point for a witness point.</p> </div> <div data-bbox="436 951 1464 1033" data-label="Text"> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> </div> <div data-bbox="873 1058 979 1163" data-label="Text"> <p>WP S33 /</p> </div> <div data-bbox="914 1207 985 1232" data-label="Text"> <p>2014</p> </div> <hr/> <div data-bbox="436 1291 1464 1371" data-label="Text"> <p>N. 34°24'00" E., continuing on the westerly right-of-way line of the Nevada Northern Railway Hiline, through a portion of sec. 33.</p> </div> <div data-bbox="306 1400 1435 1476" data-label="Text"> <p>0.461 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 the SE1/4 of sec. 33.</p> </div> <div data-bbox="436 1501 1464 1583" data-label="Text"> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> </div> <div data-bbox="867 1608 1032 1717" data-label="Text"> <p>WP S S — S 33/</p> </div> <div data-bbox="914 1749 985 1774" data-label="Text"> <p>2014</p> </div> <hr/> |
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TOWNSHIP 18 NORTH, RANGE 64 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS

GENERAL DESCRIPTION

The area surveyed is located south of the town of McGill, Nevada. The average elevation in the area is approximately 6300 ft. above sea level. The terrain is gently rolling with some mountainous land in the eastern portion of section 33. The soil is rocky clay. Drainage in this area is westerly.

The ground is highly disturbed from historic railroad and mining activity.

Access to the area is by numerous trail roads originating at U.S. Highway No. 93.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

| | |
|-------------------|----------------------|
| Jose A. Serna | Cadastral Surveyor |
| Mike E. Swope | Cadastral Surveyor |
| Joseph J. Johnson | Surveying Technician |
| Mark G. Petrosine | Surveying Technician |
| De'Vonte Whitmore | Survey Aid |

CERTIFICATE OF SURVEY

We, Brandon K. Grace and Lance A. Barney, Cadastral Surveyors, and Clay W. Morrow, Surveying Technician, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 14th day of June, 2007, We have dependently resurveyed a portion of the south boundary and a portion of the subdivisional lines, subdivided section 33 and executed metes-and-bounds surveys of the easterly and westerly right-of-way lines of the Nevada Northern Railway Hiline through a portion of section 33, Township 18 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.

APR 09 2018

(Date)

APR 09 2018

(Date)

APR 09 2018

(Date)

Brandon K. Grace

(Cadastral Surveyor).

Michael O. Hammering

/For Lance A. Barney

(Cadastral Surveyor)

Michael O. Hammering

/For Clay W. Morrow

(Surveying Technician)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Reno, Nevada

The foregoing field notes of the dependent resurvey of a portion of the south boundary and a portion of the subdivisional lines, the subdivision of section 33 and metes-and-bounds surveys of the easterly and westerly right-of-way lines of the Nevada Northern Railway Hiline through a portion of section 33, Township 18 North, Range 64 East, Mount Diablo Meridian, Nevada, executed by Brandon K. Grace and Lance A. Barney, Cadastral Surveyors, and Clay W. Morrow, Surveying Technician, having been critically examined and found correct, are hereby approved.

APR 09 2018

(Date)

Michael O. Hammering

(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 18 North, Range 64 East, Mount Diablo Meridian, Nevada, is a true copy of the original field notes.

(Date)

(Chief Cadastral Surveyor for Nevada)