

NE 1/4 SECTION 34 T2N R27E WM
NW 1/4 SECTION 34 T2N R27E WM
SE 1/4 SECTION 34 T2N R27E WM
SW 1/4 SECTION 34 T2N R27E WM

SHEET INDEX

- 1. SHEET INDEX, CONTROL NARRATIVE, SURVEY NARRATIVE, BASIS OF BEARING, REFERENCES AND LEGEND
- 2.-3. BOUNDARY SURVEY

CONTROL NARRATIVE

PROJECT: BUTTER CREEK QUARRY
 LOCATION: UMATILLA COUNTY
 SURVEY DATUM:
 HORIZONTAL - NAD83 (2011) EPOCH 2010 (INTERNATIONAL FEET)
 VERTICAL - NAVD 88 (INTERNATIONAL FEET)

GPS HORIZONTAL CONTROL SURVEY

PRIMARY HORIZONTAL CONTROL FOR THIS SURVEY WAS ESTABLISHED BY USING THE NGS OPUS PROGRAM TO ESTABLISH A POSITION ON POINT 1005. A SUBSEQUENT RTK GPS SURVEY WAS PERFORMED TO ESTABLISH POSITIONS FOR POINTS 1000-1014 AND 2000 BY HOLDING THE OPUS POSITION OF POINT 1005.

BEARINGS SHOWN ON THIS SURVEY ARE GRID BEARINGS BASED UPON THE OREGON STATE PLANE COORDINATE SYSTEM NAD83 (2011) EPOCH 2010, NORTH ZONE.

A LOCAL DATUM PLANE (LDP) COORDINATE SYSTEM WAS USED FOR THIS SURVEY, WHERE ALL POINTS WERE MOVED FROM OREGON STATE PLANE - NORTH ZONE, NAD83 (2011) EPOCH 2010 TO GROUND USING A PROJECT COMBINED SCALE FACTOR OF 0.99987618. TO CONVERT THE PROJECT LDP COORDINATES TO OREGON STATE PLANE COORDINATE SYSTEM - NORTH ZONE, NAD83 (2011) EPOCH 2010, MULTIPLY THE THE VALUES BY A COMBINED FACTOR OF 0.99987618.

REFERENCES

- 1. JOURNAL F, PAGE 142, DATED MAY 8, 1919
- 2. ODOT MAP 1R-2-1520 BY THE OREGON STATE HIGHWAY DEPARTMENT, DATED MAY 1945
- 3. WARRANTY DEED, VOLUME 170, PAGE 568, RECORDED APR. 4, 1946
- 4. UMATILLA COUNTY ROAD NO. 1400, JARMON-PINE CITY SECTION (BUTTER CREEK ROAD) PLAT, BY THE MORROW COUNTY HIGHWAY DEPARTMENT, DATE UNKNOWN
- 5. SURVEY NO. 90-53-A BY G. DENNIS EDWARDS, DATED 07/1990.
- 6. SURVEY NO. 05-111-C BY STEPHEN K. HADDOCK, DATED 05/2005.
- 7. SURVEY NO. 06-039-B BY STEPHEN K. HADDOCK, DATED 03/15/2006.

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO DETERMINE AND MONUMENT THE BOUNDARY OF THAT TRACT OF LAND DESCRIBED IN THAT DEED RECORDED IN VOLUME 170, PAGE 568, UMATILLA COUNTY DEED RECORDS.

THE SOUTHERLY LINE OF SAID TRACT IS DESCRIBED IN SAID DEED AS THE NORTHERLY LINE OF BUTTER CREEK ROAD. A RIGHT OF WAY MAP CREATED BY THE MORROW COUNTY HIGHWAY DEPARTMENT FOR BUTTER CREEK ROAD WAS DISCOVERED IN THE UMATILLA COUNTY SURVEYORS OFFICE AND THE RECORD SHAPE OF THE CENTER LINE WAS RECREATED AND POSITIONED USING THE EXISTING EDGE OF PAVEMENT. THE EDGE OF PAVEMENT FOR BUTTER CREEK ROAD WAS MAPPED EASTERLY AND WESTERLY OF THE PROJECT AND THE RECORD SHAPE OF SAID CENTER LINE WAS POSITIONED BY SPLITTING THE EDGE OF PAVEMENT IN THE TANGENTS. THE RESULTING LOCATION OF THE CENTER LINE ALIGNMENT FIT VERY WELL WITH THE LINES OF OCCUPATION AND PHYSICAL LOCATION OF BUTTER CREEK ROAD.

TO ESTABLISH THE WIDTH OF BUTTER CREEK ROAD AN EXTENSIVE SEARCH OF THE MORROW COUNTY ROAD DEPARTMENT AND MORROW COUNTY COURTHOUSE RECORDS WAS PERFORMED AND ALL THAT COULD BE FOUND FOR THIS PORTION OF THE ROAD WAS A PETITION TO CONSTRUCT THIS PORTION OF THE ROAD RECORDED IN JOURNAL F, PAGE 142, MORROW COUNTY DEED RECORDS, DATED MAY 8, 1919. BASED UPON THIS DATE AND INPUT FROM THE UMATILLA COUNTY ROAD DEPARTMENT, A STATUTORY WIDTH OF 60.00 FEET WAS DETERMINED FOR THE RIGHT OF WAY WIDTH FOR THE PORTION OF BUTTER CREEK ROAD ADJOINING SAID TRACT.

TO ESTABLISH THE BOUNDARY OF SAID TRACT, THE RECORD SHAPE OF THE BOUNDARY AS DESCRIBED IN SAID DEED WAS RECREATED AND POSITIONED BY HOLDING THE 5/8" IRON ROD FOUND AT THE NORTHWEST CORNER OF SAID TRACT AND ROTATING TO THE 5/8" IRON ROD FOUND AT THE SOUTHEAST CORNER OF SAID TRACT.

BASED UPON THE DEED FOR SAID PROPERTY, THE SOUTH BOUNDARY OF THIS TRACT IS THE SE 1/16TH LINE OF SECTION 34 AND WAS RESOLVED BY SUBDIVIDING THE SECTION. TO SUBDIVIDE SECTION 34, THE SOUTHEAST AND SOUTHWEST CORNERS OF SECTION 34 WERE RECOVERED AND TIED. NO OTHER SECTION OR QUARTER SECTION CORNERS WERE RECOVERED. THE NORTHEAST AND NORTHWEST CORNERS OF SAID SECTION 34 WERE CALCULATED BY DOUBLE PROPORTION.

THE EAST QUARTER CORNER FOR SECTION 27 WAS NOT FOUND, HOWEVER, WE WERE ABLE TO LOCATE THE WEST QUARTER CORNER FOR SECTION 27 (POINT 1006) AND A WITNESS MONUMENT SET IN SURVEY NO. 03-227-B TO CALCULATE THE POSITION FOR SAID EAST QUARTER CORNER USING BEARINGS AND DISTANCES SHOWN ON SURVEY NO. 06-039-B.

SET MONUMENT LIST

PT. NO.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
5000	709380.39	8478427.27	55+74.80	30.00' LT	12/15/2014	SET 5/8"x30" IRON ROD W/ALUMINUM CAP MARKED "ODOT"
5001	709235.86	8478612.34	58+21.10	30.00' LT	12/15/2014	SET 5/8"x30" IRON ROD W/ALUMINUM CAP MARKED "ODOT"
5002	709110.44	8478846.91	60+87.09	30.00' LT	12/15/2014	SET 5/8"x30" IRON ROD W/ALUMINUM CAP MARKED "ODOT"
5003	709112.16	8479110.69	N/A	N/A	12/15/2014	SET 5/8"x30" IRON ROD W/ALUMINUM CAP MARKED "ODOT"

RECOVERED MONUMENT LIST

PT. NO.	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1000	709015.45	8479012.03	04/28/14	FOUND 5/8" SMOOTH IRON ROD, ODOT DRG. NO. 1R-2-1520
1001	709166.68	8479109.86	04/28/14	FOUND 5/8" SMOOTH IRON ROD, ODOT DRG. NO. 1R-2-1520
1002	709572.98	8478724.57	04/28/14	FOUND 3/4" SMOOTH IRON ROD, ODOT DRG. NO. 1R-2-1520
1003	709569.14	8478424.70	04/28/14	FOUND 5/8" SMOOTH IRON ROD, ODOT DRG. NO. 1R-2-1520
1004	707770.73	8475783.36	05/07/14	FOUND FENCE CORNER HELD FOR SW CORNER OF SECTION 34, T2N, R27E, WM, ACCEPTED IN SURVEY 3-227-B
1005	707793.33	8481090.74	09/17/14	FOUND 2" OUTSIDE DIAMETER IRON PIPE FILLED WITH CONCRETE WITH NAIL AND WASHER MARKED "RLS 506", SURVEY NO. 05-111-C
1006	715688.43	8475676.83	09/17/14	FOUND IRON PIPE WITH 2-1/4" BRASS CAP MARKED "T2N R27E 1/4 S28 S27 2006 56295LS", SURVEY NO. 06-039-B
1007	712935.85	8459476.33	09/17/14	FOUND IRON PIPE WITH 2-3/8" BRASS CAP MARKED "T2N R26E R27E S25 S30 S31 S36 2005 56295LS" SURVEY NO. 05-111-C
1008	707999.34	8491696.38	09/22/14	FOUND IRON PIPE WITH 2-3/8" BRASS CAP MARKED "T2N R27E R28E S1 S6 S31 S36 TIN 2006 56295LS", SURVEY NO. 05-111-C
1009	739830.62	8491238.95	09/22/14	FOUND IRON PIPE WITH 2-3/8" BRASS CAP MARKED "T3N R27E R28E 1 6 31 36 T2N 1990 LS 951" SURVEY NO. 90-53-A
1010	713075.37	8475692.63	09/19/14	FOUND 5/8" IRON ROD, UNKNOWN ORIGIN
1011	715717.26	8477026.68	09/19/14	FOUND 5/8" IRON ROD, BENT, SPUN FOR POSITION, SURVEY NO. 06-039-B
1013	707765.44	8470502.76	10/05/14	FOUND IRON PIPE WITH 2-3/8" BRASS DISK MARKED "T2N R27E S32 S33 S5 S4 TIN 2005 56295LS" SURVEY NO. 05-111-C
1014	707765.44	8470502.76	10/05/14	FOUND 2" INSIDE DIAMETER IRON PIPE WITNESS CORNER, SURVEY NO. 03-227-B
2000	709016.83	8479111.98	04/28/14	FOUND 5/8" SMOOTH IRON ROD, ODOT DRG. NO. 1R-2-1520

RECEIVED BY
 Morrow County Surveyor
 Date: 10-12-2017
 Rec'd By: S.K.H.
 No.: 2017-1808C
 Folder No.: 1808

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

OREGON
 JAN. 14, 2003
 BRET N. ELITHORP
 63148

RENEWAL: DEC. 31, 2017
 SIGNED: 10/5/17

OREGON DEPARTMENT OF TRANSPORTATION

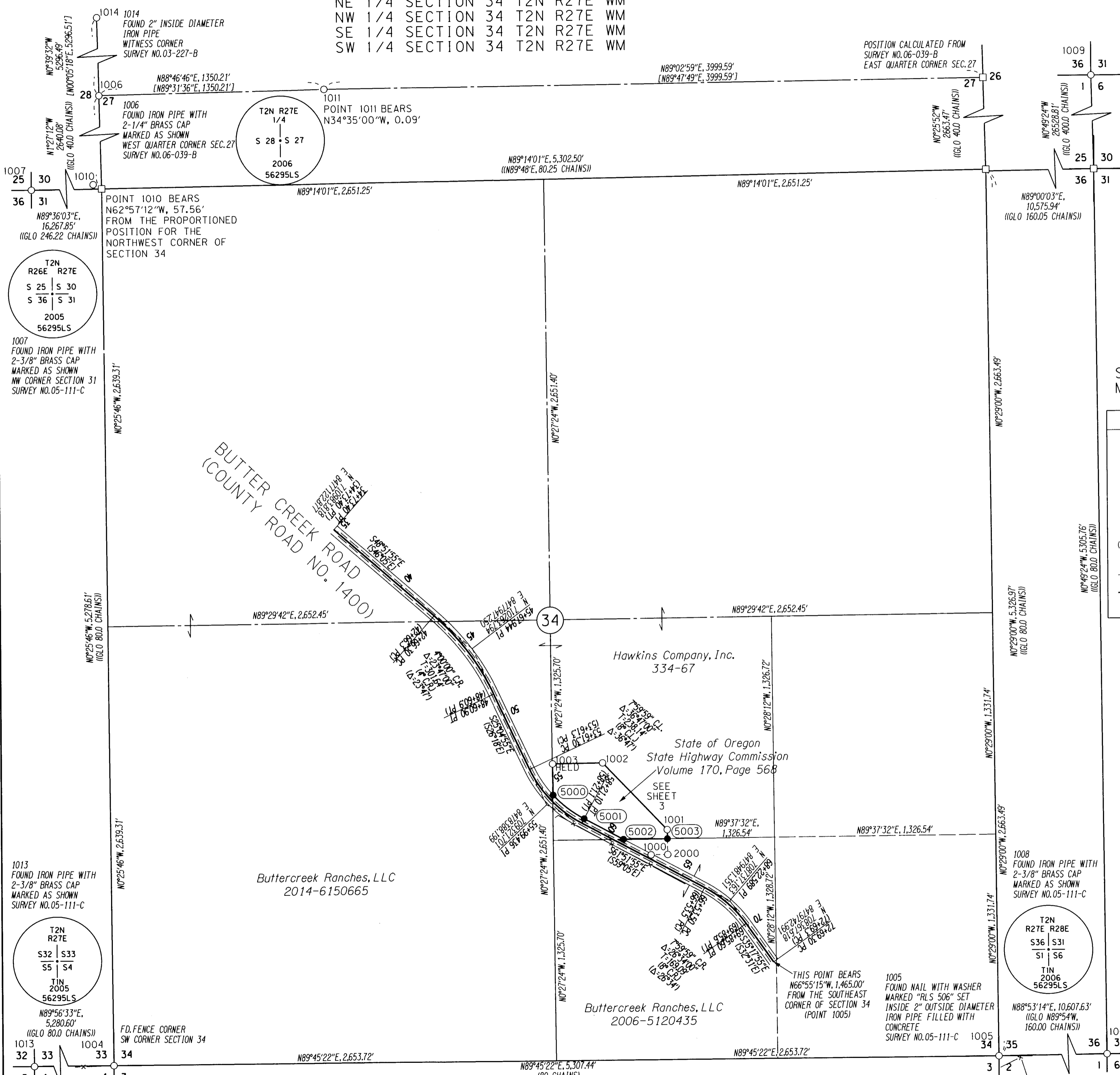
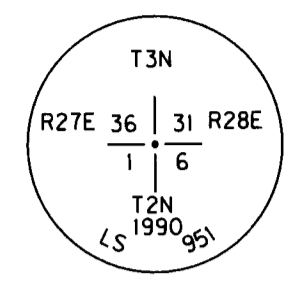
MAP OF SURVEY
 BUTTER CREEK QUARRY
 BUTTER CREEK ROAD
 UMATILLA COUNTY

FOR ODOT REGION 5
 3012 ISLAND AVENUE
 LA GRANDE, OR 97850

DECEMBER 18, 2014
 NO SCALE
 SHEET 1 OF 3

NE 1/4 SECTION 34 T2N R27E WM
NW 1/4 SECTION 34 T2N R27E WM
SE 1/4 SECTION 34 T2N R27E WM
SW 1/4 SECTION 34 T2N R27E WM

1009
FOUND IRON PIPE WITH
2-3/8" BRASS CAP
MARKED AS SHOWN
SURVEY NO. 90-53-A

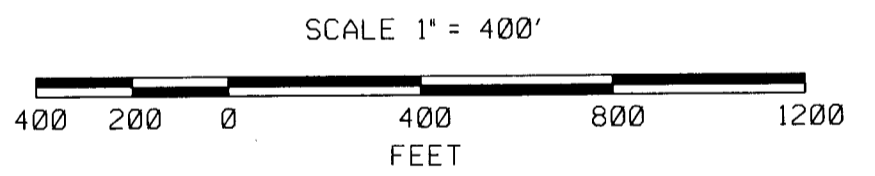


SEE SHEET 1 FOR RECOVERED AND SET MONUMENT LISTS

LEGEND

- SET 5/8" X 30" IRON REBAR WITH ALUMINUM CAP MARKED "ODOT" UNLESS OTHERWISE NOTED
- FOUND MONUMENT NOTED IN TABLE ON SHEET 1
- CALCULATED POSITION-NOTHING FOUND NOTHING SET
- () RECORD DATA PER COUNTY ROAD NO. 1400, BUTTER CREEK ROAD, JARMON-PINE CREEK SECTION, MORROW COUNTY ROAD DEPARTMENT
- [] RECORD DATA PER COUNTY SURVEY 06-039-B
- (() RECORD DATA PER GENERAL LAND OFFICE (GLO) FIELDNOTES

— EXISTING RIGHT-OF-WAY - - - - EDGE OF PAVEMENT
 — ODOT PROPERTY BOUNDARY — X — FENCE



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REGISTERED PROFESSIONAL LAND SURVEYOR

Bret N. Elithorp
OREGON
JAN. 14, 2003
BRET N. ELITHORP
63148
RENEWAL: DEC. 31, 2017
SIGNED: 10/15/17

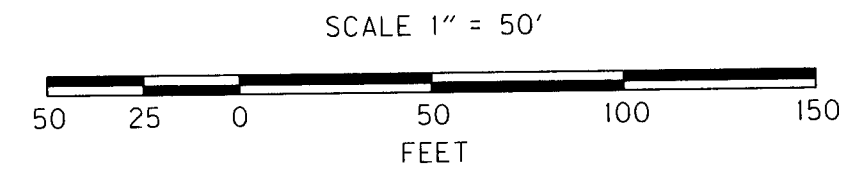
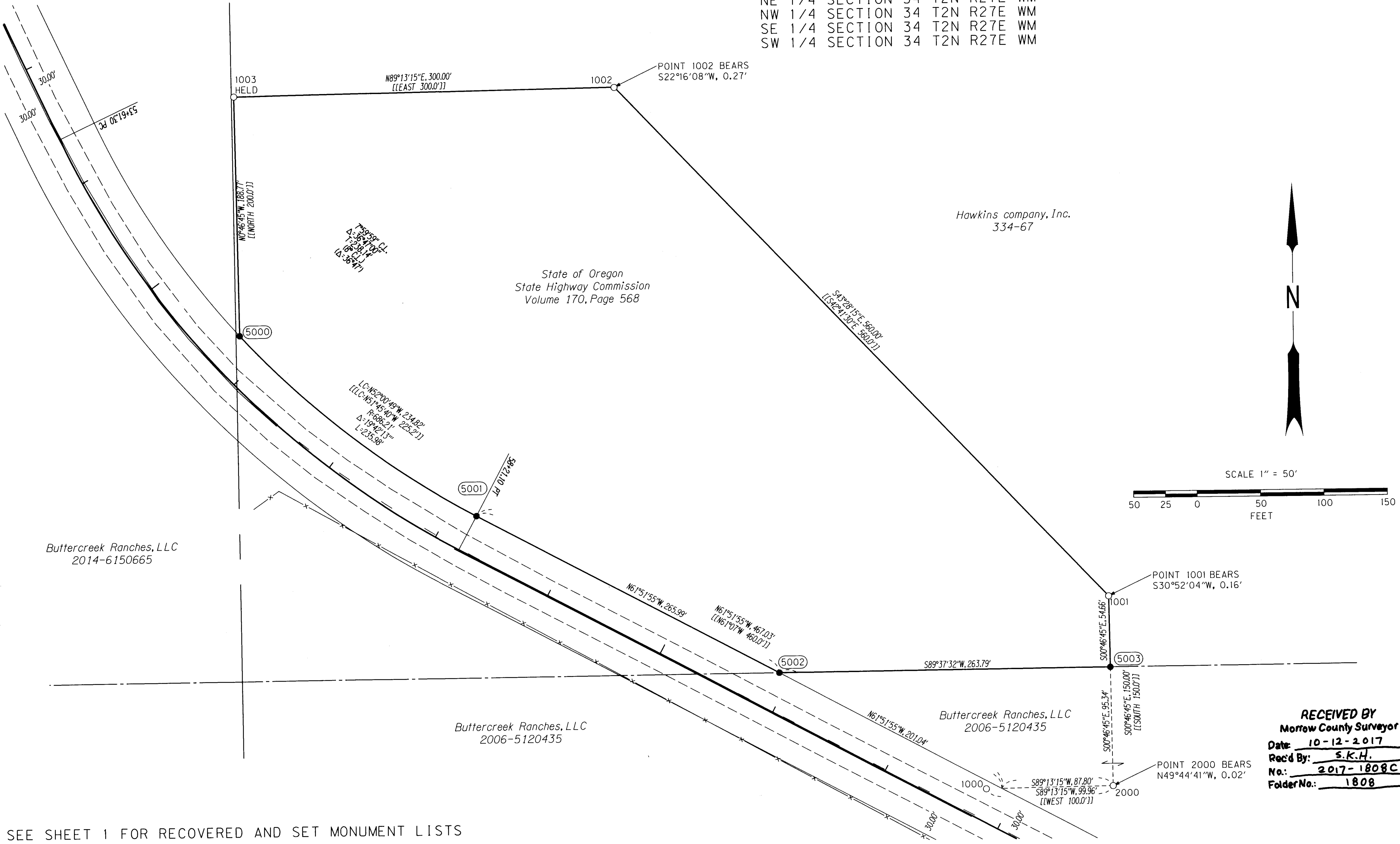
OREGON DEPARTMENT OF TRANSPORTATION

MAP OF SURVEY
BUTTER CREEK QUARRY
BUTTER CREEK ROAD
UMATILLA COUNTY

FOR ODOT REGION 5
3012 ISLAND AVENUE
LA GRANDE, OR 97850

DECEMBER 18, 2014
SCALE: 1" = 400'
SHEET 2 OF 3

NE 1/4 SECTION 34 T2N R27E WM
NW 1/4 SECTION 34 T2N R27E WM
SE 1/4 SECTION 34 T2N R27E WM
SW 1/4 SECTION 34 T2N R27E WM



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LEGEND	
●	SET 5/8" X 30" IRON REBAR WITH ALUMINUM CAP MARKED "ODOT" AS NOTED IN TABLE ON SHEET 1
○	FOUND MONUMENT NOTED IN TABLE ON SHEET 1
[[]]	RECORD DATA PER ODOT DRG. NO. 1R-2-1520
—	EXISTING RIGHT-OF-WAY
---	EDGE OF PAVEMENT
—x—	ODOT PROPERTY BOUNDARY
—x—	FENCE

REGISTERED PROFESSIONAL LAND SURVEYOR
BEC

OREGON
JAN. 14, 2003
BRET N. ELITHORP
63148
RENEWAL: DEC. 31, 2017
SIGNED: 10/5/17

OREGON DEPARTMENT OF TRANSPORTATION



MAP OF SURVEY
BUTTER CREEK QUARRY
BUTTER CREEK ROAD
UMATILLA COUNTY

FOR ODOT REGION 5
3012 ISLAND AVENUE
LA GRANDE, OR 97850

DECEMBER 18, 2014
SCALE: 1" = 50'
SHEET 3 OF 3