

NE 1/4 SECTION 28 T5N R28E WM  
 SE 1/4 SECTION 28 T5N R28E WM

**SHEET INDEX**

1. SHEET INDEX, CONTROL NARRATIVE AND BASIS OF BEARINGS, SURVEY NARRATIVE, MONUMENT TABLES, AND REFERENCES.
2. BOUNDARY SURVEY

**NARRATIVE**

THE PURPOSE OF THIS SURVEY IS TO RESOLVE THE BOUNDARY OF THE MATERIAL SOURCE PERMIT ON THE PARCEL OWNED BY THE UNITED STATES OF AMERICA DESCRIBED IN THAT DEED RECORDED IN BOOK 38, PAGE 593, UMATILLA COUNTY DEED RECORDS, FOR THE OREGON DEPARTMENT OF TRANSPORTATION (ODOT) REGION 5 GEOLOGY SECTION.

THE PERMITTED AREA LEASED BY THE STATE OF OREGON FROM THE DEPARTMENT OF THE INTERIOR BUREAU OF TRANSPORTATION IS DESCRIBED AS THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 28, T.5N., R.28E., W.M. TO RESOLVE THE PERMIT BOUNDARY REQUIRED A PARTIAL BREAKDOWN OF SECTION 28. MONUMENTS WERE FOUND AND HELD AT THE SOUTHEAST CORNER (POINT 1008) AND SOUTHWEST CORNER (POINT 1007) OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 28. THE NORTHEAST CORNER OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 28 (POINT 1001) WAS CALCULATED FROM WITNESS CORNERS SET ON SURVEY NO. 88-045-C. THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 28 WAS ESTABLISHED MIDWAY BETWEEN SAID CALCULATED POSITION FOR POINT 1001 AND THE MONUMENT FOUND AT THE CENTER OF SECTION 28 (POINT 1011). A MONUMENT WAS FOUND (POINT 1000) 0.90' SOUTHWESTERLY OF THE CALCULATED POSITION FOR SAID NORTHWEST CORNER OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 28 AS SHOWN ON SURVEY NO. 89-027-A.

A PORTION OF SUNSHINE LANE CROSSES THE PERMIT AREA, AND THE RIGHT OF WAY WAS RESOLVED BY CREATING THE RECORD SHAPE OF THE CENTER LINE AS SHOWN ON SURVEY NO. 04-103-B AND AS DESCRIBED IN THE FIELD NOTES FOR COUNTY ROAD NO. 1283 AND POSITIONED BY THE RECORD SHAPE OF SAID CENTER LINE WAS THEN POSITIONED BY HOLDING RECORD COURSES ALONG THE EAST LINE OF SECTION 28 AND ALONG THE NORTH LINE OF LAUBACK STREET AS SHOWN ON SURVEY NO. 04-103-B. THE FINAL ORDER FOR SUNSHINE LANE (OLD COUNTY ROAD 707) STATES A WIDTH OF 66.00 FEET, 33.00 FEET EITHER SIDE OF CENTER LINE.

**CONTROL NARRATIVE**

PROJECT: UMATILLA BUTTE QUARRY  
 LOCATION: CITY OF HERMISTON, UMATILLA COUNTY  
 SURVEY DATUM:  
 HORIZONTAL - OREGON COORDINATE REFERENCE SYSTEM (OCRS) - COLUMBIA RIVER EAST ZONE  
 NAD83 (2011) EPOCH 2010 (INTERNATIONAL FEET)  
 VERTICAL - NAVD 88 (INTERNATIONAL FEET)

PRIMARY CONTROL WAS ESTABLISHED ON THIS PROJECT BY USING GPS AND THE OREGON REAL-TIME GPS NETWORK (ORGN), WITH TWO SEPARATE SESSIONS UNDER DIFFERENT SATELLITE CONSTELLATIONS, TO ESTABLISH POSITIONS ON THE FOUND MONUMENTS SHOWN ON THIS SURVEY.

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED UPON GPS OBSERVATIONS USING THE ORGN.

**REFERENCES**

1. FINAL ORDER FOR SUNSHINE LANE (COUNTY ROAD NO. 1283)(OLD COUNTY ROAD NO. 707)
2. ODOT DRG. NO. 1R-1-1476, BY THE OREGON STATE HIGHWAY DEPARTMENT, DATED JUNE 1935
3. SURVEY NO. J-100-A BY DAVID H. KRUMBEIN, DATED MARCH 1975
4. SURVEY NO. 88-045-C BY G. DENNIS EDWARDS, DATED AUGUST 1988
5. SURVEY NO. 89-027-A BY J.X. WILSON, RECORDED APRIL 1989
6. SURVEY NO. 91-01-B BY G. DENNIS EDWARDS, RECORDED JANUARY 1991
7. SURVEY NO. 98-101-C BY WILLIAM R. WELLS FILED MAY 1998
8. PARTITION PLAT 1998-24 BY G. DENNIS EDWARDS, FILE JULY 24, 1998
9. SURVEY NO. 00-125-B BY GARY R. ROBERTS, FILED JUNE 2000
10. PARTITION PLAT 2002-13 BY WILLIAM R. WELLS, FILED APRIL 3, 2002
11. SURVEY NO. 04-103-B BY G. DENNIS EDWARDS, FILED MAY 2004
12. SURVEY 09-040-A BY G. DENNIS EDWARDS, FILED FEBRUARY 2009

**RECOVERED MONUMENT LIST**

PT ID	NORTHING	EASTING	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1000	180803.26	794526.01	11/18/2015	FOUND 5/8" IRON ROD, NO CAP, UP 0.8', UNKNOWN ORIGIN, SURVEY NO. J-100-A
1001	180820.50	795852.67	N/A	CALCULATED POINT - NOTHING FOUND OR SET
1002	180823.03	796077.05	10/20/2015	FOUND 1/2" IRON ROD, SURVEY NO. 88-045-C
1003	180710.93	795854.09	10/20/2015	FOUND 1/2" IRON ROD WITH TAG STAMPED "PLS 951", SURVEY NO. 88-045-C
1004	180158.25	795861.36	11/19/2015	FOUND 5/8" IRON ROD WITH YELLOW PLASTIC CAP MARKED "EDWARDS 951", SURVEY NO. 04-103-B
1005	179672.63	795867.87	11/19/2015	FOUND 5/8" IRON ROD WITH YELLOW PLASTIC CAP MARKED "OR PLS 1106 WA PLS 17372", PARTITION PLAT 2002-13
1006	179496.02	795870.14	11/19/2015	FOUND 5/8" IRON ROD WITH 1-1/2" ALUMINUM CAP MARKED "OREGON STATE HWY DIV", 89-027-A
1007	179482.85	794544.63	11/19/2015	FOUND 5/8" IRON ROD WITH 1-1/2" ALUMINUM CAP MARKED "OREGON STATE HWY DIV", UP 0.8', 89-027-A
1008	178171.51	795887.51	10/20/2015	FOUND 5/8" IRON ROD, NO CAP, PARTITION PLAT 1998-24
1009	183469.47	795817.86	10/20/2015	FOUND 2-3/8" BRASS DISK MARKED AS SHOWN ON SHEET 2, SURVEY NO. 09-40-A
1010	183423.69	793159.58	10/20/2015	FOUND 2-3/8" BRASS DISK MARKED AS SHOWN ON SHEET 2, SURVEY NO. 91-01-B
1011	180787.82	793199.49	10/20/2015	FOUND 5/8" IRON ROD, DOWN 0.1', J-100-A
1012	178152.05	793238.75	10/20/2015	FOUND 2-1/2" BRASS DISK MARKED AS SHOWN ON SHEET 2, SURVEY NO. 91-01-B
1013	179970.70	795891.91	10/20/2015	FOUND 5/8" IRON ROD WITH YELLOW PLASTIC CAP MARKED "EDWARDS 951", SURVEY NO. 04-103-B

**RECEIVED BY**  
 Umatilla County Surveyor  
 Date: 5/6/2016  
 Rec'd By: Day Thait  
 No.: 16-053-B

REGISTERED  
 PROFESSIONAL  
 LAND SURVEYOR

OREGON  
 JANUARY 14, 2003  
 BRET N. ELITHORP  
 63148

EXPIRES: DEC. 31, 2017

**OREGON DEPARTMENT OF TRANSPORTATION**

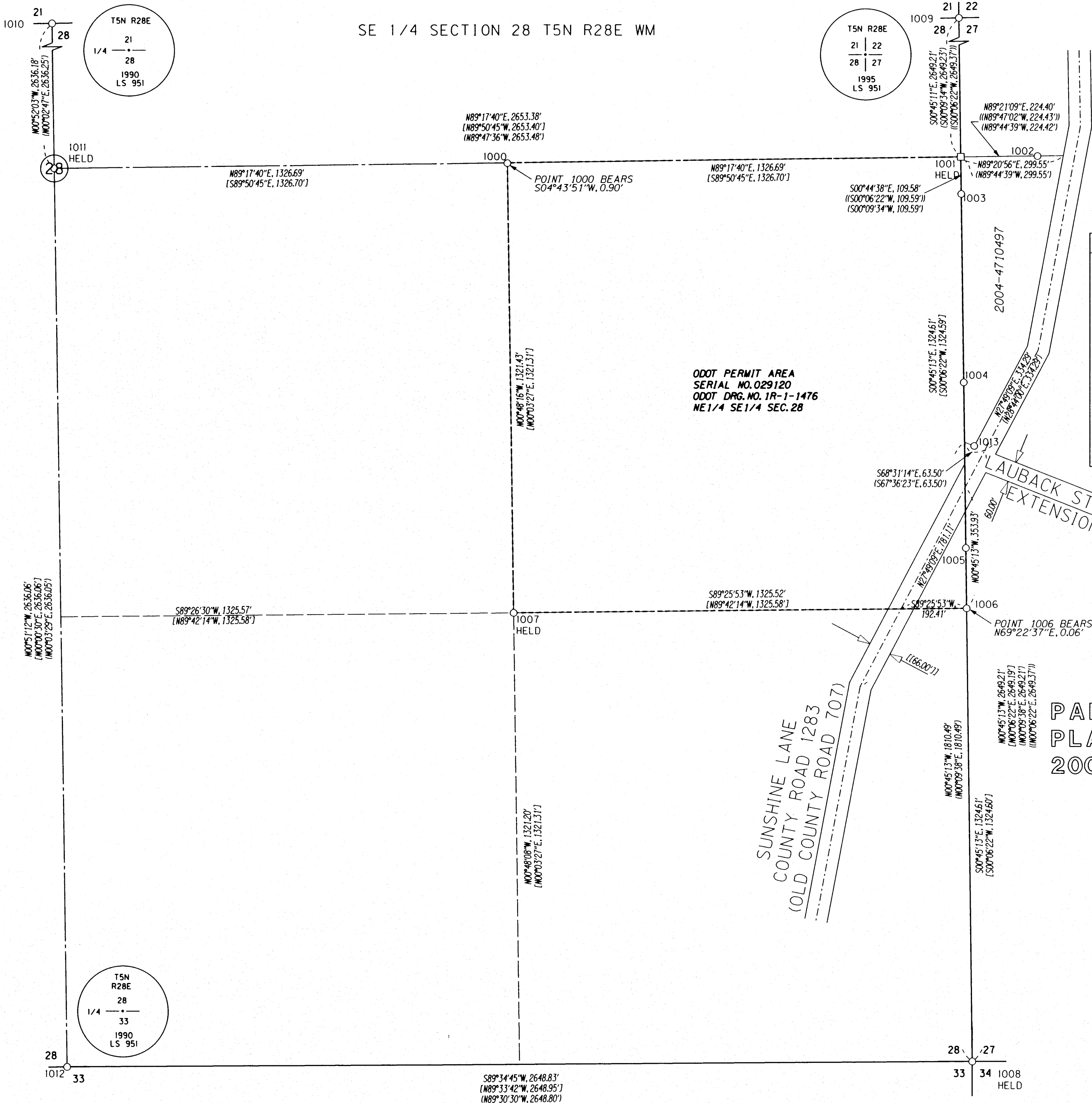


BOUNDARY SURVEY  
 UMATILLA BUTTE QUARRY  
 UMATILLA COUNTY

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

MARCH 18, 2015  
 NO SCALE  
 SHEET 1 OF 2

SE 1/4 SECTION 28 T5N R28E WM



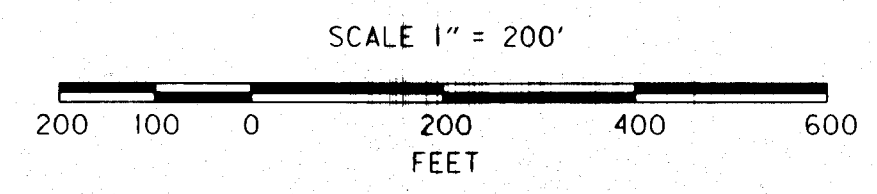
ODOT PERMIT AREA  
SERIAL NO. 029120  
ODOT DRG. NO. 1R-1-1476  
NE 1/4 SE 1/4 SEC. 28

LEGEND	
○	FOUND MONUMENT
□	CALCULATED POSITION-NOTHING FOUND NOTHING SET
( )	RECORD DATA PER SURVEY NO. 04-103-B
[ ]	RECORD DATA PER SURVEY NO. 89-027-A
(( ))	RECORD DATA PER SURVEY NO. 88-045-C
[[ ]]	RECORD DATA PER FINAL ORDER FOR COUNTY ROAD NO. 1283 (OLD C.R. 707)
---	STREET CENTER LINE
---	EXISTING RIGHT OF WAY LINE
---	ODOT QUARRY PERMIT BOUNDARY
---	SECTION LINE
---	QUARTER SECTION LINE
---	SIXTEENTH LINE

**RECEIVED BY**  
Umatilla County Surveyor  
Date: 3/6/2016  
Filed By: Day Whit  
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REGISTERED  
PROFESSIONAL  
LAND SURVEYOR  
  
OREGON  
JANUARY 14, 2003  
BRET N. ELITHORP  
63148  
EXPIRES: DEC. 31, 2017



PARTITION  
PLAT  
2002-13

OREGON DEPARTMENT OF TRANSPORTATION  
BOUNDARY SURVEY  
UMATILLA BUTTE QUARRY  
UMATILLA COUNTY  
  
FOR ODOT REGION 5  
3012 ISLAND AVENUE  
LA GRANDE, OR 97850  
  
MARCH 18, 2015  
SCALE: 1"=200'  
SHEET 2 OF 2