

SE 1/4 SECTION 9 T4N R28E WM
SW 1/4 SECTION 10 T4N R28E WM

RECEIVED BY
Umatilla County Surveyor
Date: 4/21/2015
Rec'd By: Glenzy
No: 15-276-B

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO RESOLVE THE FIELD LOCATION OF THE EXISTING RIGHT OF WAY FOR A PORTION OF HERMISTON HIGHWAY AND ORCHARD AVENUE IN THE VICINITY OF THE INTERSECTION OF SAID STREETS FOR A FUTURE SIDEWALK RAMP IMPROVEMENT PROJECT BY THE OREGON DEPARTMENT OF TRANSPORTATION. THIS SURVEY IS ALSO TO PERPETUATE ANY EXISTING SURVEY MONUMENTS THAT LIE WITHIN THE PROJECT FOOTPRINT WHICH MAY BE DESTROYED BY FUTURE CONSTRUCTION. PERPETUATION OF THE MONUMENT LOCATIONS WAS ACCOMPLISHED BY TYING THE MONUMENTS TO THE PROJECT CONTROL.

THIS SURVEY WAS PERFORMED IN INTERNATIONAL FEET UNITS.

THIS SURVEY WAS PERFORMED IN FEBRUARY AND MARCH OF 2015. THE SURVEY EQUIPMENT USED CONSISTED OF LEICA DUAL FREQUENCY GPS RECEIVERS (GPSI200 BASE AND GS14 ROVER) AND LEICA DATA COLLECTORS (CS15).

**HERMISTON HIGHWAY (OR207)(SW 11TH ST.)
(C.R. NO. 1247)(OLD C.R. 602)**

THE PORTION OF HERMISTON HIGHWAY IN THE VICINITY OF THE INTERSECTION WITH ORCHARD AVENUE WAS ORIGINALLY ESTABLISHED AS COUNTY ROAD NO. 602, AND THE COUNTY ROAD ESTABLISHMENT DOCUMENTS FOR SAID COUNTY ROAD DESCRIBE THE CENTER LINE OF HERMISTON HIGHWAY AS FOLLOWING THE SECTION LINE COMMON TO SAID SECTIONS 9 & 10. TO RESOLVE THE CENTER LINE OF HERMISTON HIGHWAY, THE SECTION CORNER COMMON TO SECTION 9, 10, 15, & 16, AND THE QUARTER CORNER BETWEEN SECTIONS 9 & 10, T.4N., R.28E., W.M. WERE BOTH TIED AND HELD. THE RIGHT OF WAY WIDTH WAS DETERMINED FROM SAID ESTABLISHMENT DOCUMENTS FOR COUNTY ROAD NO. 602 AT A WIDTH OF 33.00 FEET ON EITHER SIDE OF CENTER LINE TO ESTABLISH THE RIGHT OF WAY MARGINS. STATIONING WAS ESTABLISHED AS SHOWN ON ODOT DRAWING 10B-20-008 BY HOLDING STATION 453+71.18 P.O.T. AT THE MONUMENT FOUND AT THE 1/4 CORNER COMMON TO SECTIONS 9 & 10, T.4N., R.28E., W.M.

WEST ORCHARD AVENUE (C.R. 1238)(OLD C.R. 695)

THIS RESOLUTION COVERS A PORTION OF WEST ORCHARD AVENUE (COUNTY ROAD 1238), FROM THE INTERSECTION WITH HERMISTON HIGHWAY, WEST APPROXIMATELY 325 FEET. THE RECORD ANGLE OF 89°08'27" BETWEEN THE CENTER LINE OF HERMISTON HIGHWAY AND THE CENTER LINE OF WEST ORCHARD AVENUE WAS HELD AS SHOWN ON COUNTY SURVEY 97-246-C TO ESTABLISH THE LOCATION OF THE CENTER LINE OF WEST ORCHARD AVENUE. THIS PORTION OF WEST ORCHARD AVENUE WAS ORIGINALLY ESTABLISHED AS COUNTY ROAD NO. 695 WHICH STATED A WIDTH OF 40.00', WHICH IS CONSISTENT WITH THE WIDTH SHOWN ON SAID COUNTY SURVEY 97-246-C. ADDITIONAL RIGHT OF WAY ALONG THE NORTH AND SOUTH SIDES OF WEST ORCHARD AVENUE HAS BEEN ACQUIRED BY UMATILLA COUNTY PER DOCUMENTS 1999-3470101, 1999-3470102, 1999-3470103, AND 1999-3610243. STATIONING FOR WEST ORCHARD AVENUE WAS ESTABLISHED PER THIS SURVEY AND IS NOT BASED UPON ANY RECORD STATIONING.

ORCHARD AVENUE

THIS RESOLUTION COVERS A PORTION OF ORCHARD AVENUE FROM THE INTERSECTION WITH HERMISTON HIGHWAY, EAST APPROXIMATELY 350 FEET. A DILIGENT SEARCH FOR A DEED OR DEDICATION FOR AN EASEMENT OR RIGHT OF WAY WAS PERFORMED AND NONE WERE LOCATED. THE CITY OF HERMISTON AND THE UMATILLA COUNTY SURVEYOR'S OFFICE WERE BOTH CONTACTED TO DETERMINE IF A DOCUMENT EXISTED WHICH CREATED THIS RIGHT OF WAY AND NO DOCUMENT WAS FOUND. AS A LAST RESORT WE CONTACTED A TITLE COMPANY TO RESEARCH THE RIGHT OF WAY FOR A PORTION OF ORCHARD AVENUE AND THEY TOO WERE UNABLE TO LOCATE A DEED OR DEDICATION SO OWNERSHIP LINES WERE EXTENDED TO THE SIXTEENTH LINE. THE SAID SIXTEENTH LINE WAS ESTABLISHED BY HOLDING THE MIDPOINT BETWEEN POINTS 1050 AND 1051 AS WELL AS THE MONUMENT FOUND AT POINT 1053.

CONTROL NARRATIVE

PROJECT: OR 207: 11TH @ ORCHARD AVENUE SIGNAL (HERMISTON)
LOCATION: UMATILLA COUNTY
SURVEY DATUM: NAD83 (2011) EPOCH 2010 (INTERNATIONAL FEET)

GPS HORIZONTAL CONTROL SURVEY

PRIMARY CONTROL WAS ESTABLISHED ON THIS PROJECT BY USING GPS AND THE ONLINE POSITIONING USER SERVICE (OPUS) TO ESTABLISH A POSITION ON POINT "207_HIGH_01". A SUBSEQUENT REAL TIME KINEMATIC (RTK) GPS SURVEY WAS PERFORMED TO ESTABLISH POINTS 1050-1057 BY HOLDING THE OPUS DERIVED POSITION FOR "207_HIGH_01". COORDINATES WERE THEN MOVED TO GROUND BY UTILIZING A LOCAL DATUM PLANE (LDP) COORDINATE SYSTEM. TO CONVERT THE PROJECT LDP COORDINATES TO THE OREGON COORDINATE SYSTEM, NORTH ZONE, NAD83 (2011) EPOCH 2010, MULTIPLY THE VALUES BY A COMBINED FACTOR OF 0.99995160.

THE BASIS OF BEARING FOR THIS SURVEY WAS ESTABLISHED BY HOLDING THE GPS DERIVED LDP POSITIONS FOR POINTS 1050 AND 1051, WHICH RESULTED IN A BEARING AND DISTANCE OF N00°31'17"W, 2643.91 FEET.

CONTROL POINT TABLE

POINT ID	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION
207_HIGH_01	792774.18	8505435.20	1-08-13	FOUND RAILROAD SPIKE, ODOT DRG. 10B-21-0008
622	794229.71	8505597.71	2-04-13	FOUND PK NAIL IN CORNER OF PARKING LOT, 09-173-B
623	794684.02	8505501.11	2-04-13	FOUND 5/8" IRON ROD WITH ALUMINUM CAP, 09-173-B
1050	792852.58	8505555.94	2-11-15	FOUND 2-3/8" BRASS DISK IN MON. BOX, SEE SKETCH
1051	795496.38	8505531.88	2-11-15	FOUND 2" ALUMINUM CAP IN MON. BOX, SEE SKETCH

RECOVERED MONUMENT LIST

PT ID	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS	W.V. = WATER VALVE
1050	792852.58	8505555.94	29+82.35	0.00'	02/11/2015	FOUND 2-3/8" BRASS DISK IN MON. BOX, MARKED "T4N R28E 9 10 15 16 2003 PLS 59616, NO REMON. RECORD FOUND	
1051	795496.38	8505531.88	453+71.18	0.00'	02/11/2015	FOUND 2" ALUMINUM CAP IN W.V. BOX, MARKED "T4N R28 1/4 9 10 1995 LS 951", REMON. RECORD 09-039-A	
1052	794174.42	8505543.87	16+60.46 "WO"50+00.04	0.04' RT 0.07' LT	02/11/2015	FOUND PK NAIL, UNKNOWN ORIGIN	
1053	794188.43	8506863.81	16+58.45	N/A	02/11/2015	FOUND RAILROAD SPIKE MARKED "LS 2820", SURVEY NO. 01-002-B	
1054	794148.80	8505577.57	16+86.38	33.42' LT	02/11/2015	FOUND PK NAIL, UNKNOWN ORIGIN	
1055	794154.65	8505511.13	16+79.92 "WO"50+32.66	32.95' RT 20.02' LT	02/11/2015	FOUND PK NAIL, UNKNOWN ORIGIN	
1056	794302.42	8505509.78	15+32.15	32.96' RT	02/11/2015	FOUND RAILROAD SPIKE, SURVEY NO. H-109-AX	
1057	793877.82	8505579.72	19+57.36	33.11' LT	02/11/2015	FOUND 5/8" IRON ROD W/ YELLOW PLASTIC CAP MARKED "TOMKINS SURVEY", SURVEY NO. 01-002-B	
1059	793843.72	8505513.84	19+90.86	33.08' RT	02/25/2015	FOUND 5/8" IRON ROD, PARTITION PLAT 1997-37	
1060	794024.63	8505512.25	18+09.95	33.02' RT	02/25/2015	FOUND 5/8" IRON ROD, DOWN 8", UNKNOWN ORIGIN	
1061	794146.04	8505412.66	16+87.63	N/A	02/25/2015	FOUND PK NAIL, UNKNOWN ORIGIN	
1062	794195.57	8505334.59	"WO"50+09.44	19.86' RT	02/25/2015	FOUND 5/8" IRON ROD W/ YELLOW PLASTIC CAP MARKED "UMA CO RD DEPT LS 2627", BENT, DOWN 12", SN 97-246-C	
1063	794200.85	8505511.09	16+33.72 "WO"50+32.97	32.58' RT 26.18' RT	02/25/2015	FOUND PK NAIL, UNKNOWN ORIGIN	
1064	794204.90	8505576.84	16+30.27	33.21' LT	02/25/2015	FOUND 5/8" IRON ROD, SN 01-130-C	
1065	794207.77	8505854.98	16+29.94	N/A	02/25/2015	FOUND 5/8" IRON ROD, SN 01-130-C	

LEGEND

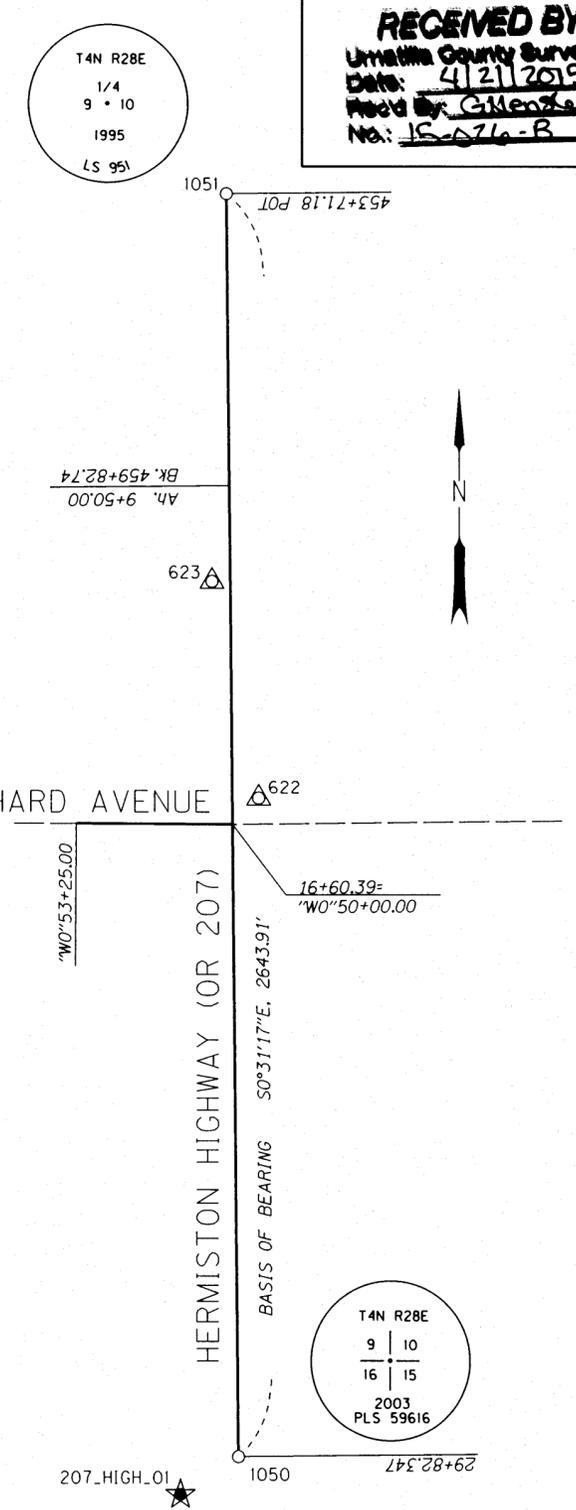
- FOUND MONUMENT NOTED IN TABLE
- ★ SET GPS STATION
- △ FOUND MONUMENT USED AS NETWORK POINT
- SIXTEENTH LINE

REGISTERED PROFESSIONAL LAND SURVEYOR

B N E

OREGON
JAN. 14, 2003
BRET N. ELITHORP
63148

RENEWAL: DEC. 31, 2015



CONTROL SCHEMATIC & BASIS OF BEARING
NOT TO SCALE

OREGON DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
OR 207: 11TH @ ORCHARD AVENUE SIGNAL (HERMISTON)
HERMISTON HIGHWAY NO. 333 (OR207)
UMATILLA COUNTY

T

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

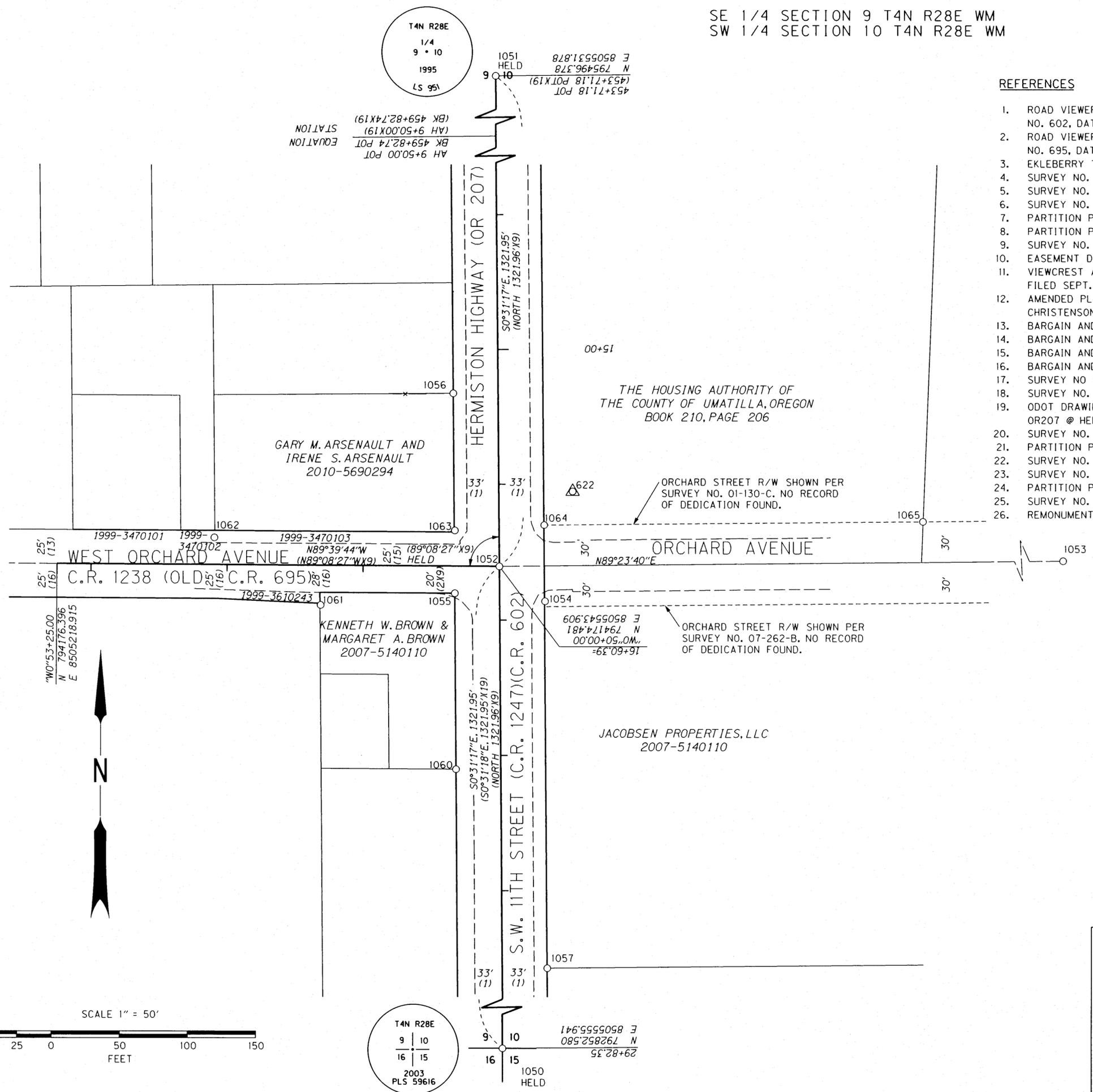
APRIL 13, 2015
NO SCALE
SHEET 1 OF 2

SE 1/4 SECTION 9 T4N R28E WM
 SW 1/4 SECTION 10 T4N R28E WM

RECEIVED BY
 Umatilla County Surveyor
 Date: 4/21/15
 Rec'd By: Glenn Jay
 No.: 15-026-B

REFERENCES

1. ROAD VIEWERS REPORT FOR COUNTY ROAD NO. 1247 (OLD COUNTY ROAD NO. 602, DATED FEB. 27, 1907)
2. ROAD VIEWERS REPORT FOR COUNTY ROAD NO. 1238 (OLD COUNTY ROAD NO. 695, DATED DEC. 10, 1910)
3. EKLEBERRY TRACTS, PLAT BOOK 07, PAGE 28 BY VERL R. FRALEY, FILED MAY 3, 1951
4. SURVEY NO. H-109-AX BY DAVID H. KRUMBEIN, DATED MAY 9, 1972
5. SURVEY NO. H-243-A BY AMBROSE J. SHEA, DATED AUG. 9, 1973
6. SURVEY NO. P-30-B BY DAVID H. KRUMBEIN DATED MAY 3, 1976
7. PARTITION PLAT 1997-37 BY DAVID G. CHRISTENSON FILED NOV. 21, 1997
8. PARTITION PLAT 1997-39 BY DAVID G. CHRISTENSON FILED NOV. 25, 1997
9. SURVEY NO. 97-246-C BY GARY R. ROBERTS, DATED DEC. 1997
10. EASEMENT DEED OF DEDICATION NO. 1998-3290075, RECORDED MAY 7, 1998
11. VIEWCREST ADDITION, PLAT BOOK 13, PAGE 126 BY DAVID G. CHRISTENSON, FILED SEPT. 24, 1998
12. AMENDED PLAT OF VIEWCREST ADDITION, PLAT BOOK 13, PAGE 138 BY DAVID G. CHRISTENSON FILED MAR. 9, 1999
13. BARGAIN AND SALE DEED NO. 1999-3470101, RECORDED MAR. 12, 1999
14. BARGAIN AND SALE DEED NO. 1999-3470102, RECORDED MAR. 12, 1999
15. BARGAIN AND SALE DEED NO. 1999-3470103, RECORDED MAR. 12, 1999
16. BARGAIN AND SALE DEED NO. 1999-3610243, RECORDED NOV. 15, 1999
17. SURVEY NO 01-002-B BY GREG E. FLOWERS, FILED JAN. 2001
18. SURVEY NO. 01-130-C BY G. DENNIS EDWARDS, FILED AUG. 2001.
19. ODOT DRAWING 10B-21-0008 BY THE OREGON DEPARTMENT OF TRANSPORTATION, OR207 @ HERMISTON AVE., DATED JAN. 2006
20. SURVEY NO. 06-035-B BY KEITH P. PRIMM, FILED MAR. 2006
21. PARTITION PLAT 2007-10 BY G. DENNIS EDWARDS, FILED APR. 2, 2007
22. SURVEY NO. 07-262-B BY PAUL W.P. TOMKINS FILED OCT. 2007
23. SURVEY NO. 08-061-C BY ROBERT DOUGLAS ENGLISH, FILED APR. 2008
24. PARTITION PLAT 2008-10 BY G. DENNIS EDWARDS, FILED MAY 12, 2008
25. SURVEY NO. 09-173-B BY CURTIS B. STOCKHOFF, FILED DEC. 2009
26. REMONUMENTATION RECORD 09-39-A BY G. DENNIS EDWARDS, NOV. 1995



LEGEND	
()	RECORD DATA PER REFERENCES THIS SHEET
○	FOUND MONUMENT NOTED IN TABLE
△	FOUND MONUMENT USED AS NETWORK POINT
---	EDGE OF PAVEMENT
---	RIGHT-OF-WAY
---	PROPERTY LINE
-X-	FENCE

REGISTERED PROFESSIONAL LAND SURVEYOR

B. A. E.
 OREGON
 JAN. 14, 2003
 BRET N. ELITHORP
 63148

RENEWAL: DEC. 31, 2015

OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
 OR 207: 11TH @ ORCHARD AVENUE SIGNAL (HERMISTON)
 HERMISTON HIGHWAY NO. 333 (OR207)
 UMATILLA COUNTY

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

APRIL 13, 2015
 SCALE: 1" = 50'
 SHEET 2 OF 2

