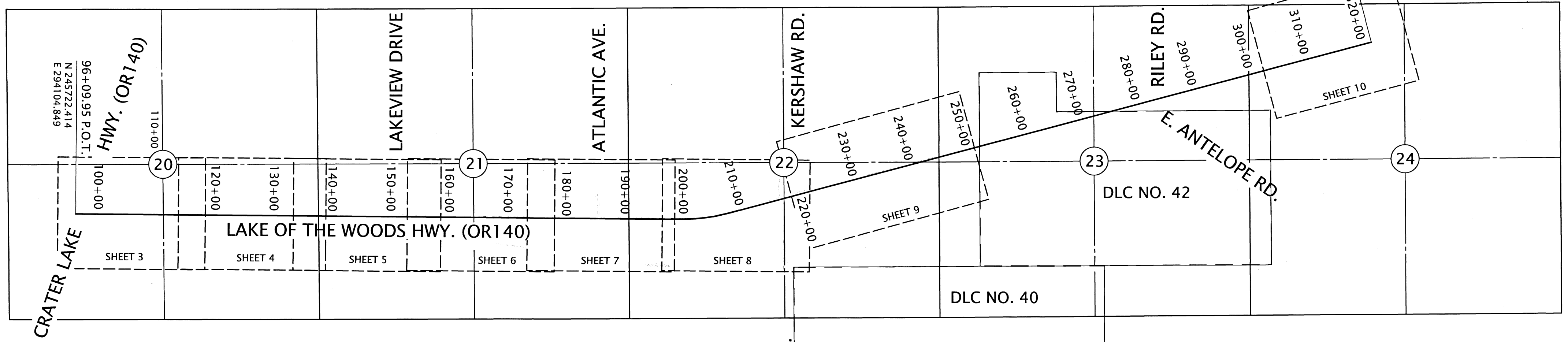


SW 1/4 SEC. 20, T. 36 S, R. 1 W, W.M. SE 1/4 SEC. 20, T. 36 S, R. 1 W, W.M.  
 SW 1/4 SEC. 21, T. 36 S, R. 1 W, W.M. SE 1/4 SEC. 21, T. 36 S, R. 1 W, W.M.  
 SW 1/4 SEC. 22, T. 36 S, R. 1 W, W.M. SE 1/4 SEC. 22, T. 36 S, R. 1 W, W.M.  
 NE 1/4 SEC. 22, T. 36 S, R. 1 W, W.M. NW 1/4 SEC. 24, T. 36 S, R. 1 W, W.M.

**SHEET INDEX**

1. SURVEY NARRATIVE & SHEET LAYOUT DIAGRAM
2. CONTROL NARRATIVE & CONTROL POINT TABLES
- 3-10. CONTROL, RECOVERY & RETRACEMENT SHEETS

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 This survey consists of:  
10 sheet(s) Map  
0 page(s) Narrative  
 JACKSON COUNTY  
 SURVEYOR



**REFERENCE DOCUMENTS USED:**

- C.S. 1777 MIRACLE MEADOW NO. 2
- C.S. 1795 ODOT DRG. 9B-3-5
- C.S. 2726 PARTITION PLAT NO. P-102-1994
- C.S. 6911 PARTITION PLAT NO. P-47-1994
- C.S. 13009 PARTITION PLAT NO. P-54-1995
- C.S. 18036 MIRACLE MEADOW
- C.S. 19096 CASCADE ACRES SUBDIVISION
- C.S. 22325 WOODLAKE VILLAGE SUBDIVISION
- C.S. 19438 WHISPERING WINDS SUBDIVISION
- C.S. 7479 AGATE SUBDIVISION EXTENSION NO. 2

**DEEDS USED:**

- D 68-10634
- D 68-10763
- D 69-02520
- D 69-00391
- D 68-12389
- D 68-10400
- D 68-09533
- D 68-09917
- D 69-02452
- D 68-11460

**SHEET LAYOUT DIAGRAM**

NOT TO SCALE

**ASSESSOR'S MAPS:**

- 36 1W 20CA 36 1W 21DA
- 36 1W 20DB 36 1W 22C
- 36 1W 20DA 36 1W 22D
- 36 1W 21C 36 1W 22A
- 36 1W 21CA 36 1W 23
- 36 1W 21DB 36 1W 24

**SURVEY NARRATIVE**

THIS SURVEY WAS MADE IN PREPARATION OF THE OREGON DEPARTMENT OF TRANSPORTATION'S (ODOT) OR140: ATLANTIC AVENUE INTERSECTION IMPROVEMENTS PROJECT. THE PURPOSE OF THIS SURVEY IS TO RECORD THE POSITIONS OF CONTROL POINTS, RECORD THE POSITIONS OF MONUMENTS OF RECORD AND RESOLVE THE EXISTING RIGHT OF WAY (R/W) CENTER LINES AND DEFINE THE EXISTING R/W. SURVEY WORK FOR THIS PROJECT WAS PERFORMED BY ODOT SURVEY CREWS FROM OCTOBER 29, 2017 TO DECEMBER 18, 2017. THE SURVEYING EQUIPMENT USED WAS A LEICA NOVA M560 TOTAL STATION, CS14 DATA COLLECTOR, LEICA DNA 10 DIGITAL LEVEL, LEICA VIVA GS14 AND GS15 GPS RECEIVERS.

THE LAKE OF THE WOODS HIGHWAY (OR140) CENTER LINE ALIGNMENT WAS RESOLVED UTILIZING DATA SHOWN ON ODOT RW MAP NO. 9B-3-5. THE SCOPE OF THIS PROJECT WAS TO RESOLVE THE RIGHT OF WAY FOR A PROPOSED ROUNDABOUT TO LINK ATLANTIC AVENUE WITH THE FOOTHILLS ROAD EXTENSION THAT JACKSON COUNTY HAS PROPOSED. IN ORDER TO AVOID ROTATIONAL ERROR IN THE ALIGNMENT, MONUMENTS WERE RECOVERED ALONG THE ENTIRE TANGENT LENGTHS OF LAKE OF THE WOODS HIGHWAY.

THE CENTERLINE ALIGNMENT TANGENT FROM 96+09.95 P.O.T. TO 203+78.29 P.I. WAS RESOLVED BY HOLDING THE RECORD RW WIDTH OFFSET OF 75.00' FROM PT'S NO. 1010 AND 1020. THIS SOLUTION CLOSELY MATCHED STATED WIDTHS TO ORIGINAL MONUMENTS SET BY ODOT ALONG BOTH SIDES OF THE HIGHWAY RIGHT OF WAY. THE CENTER LINE FROM 203+78.29 P.I. TO 321+48.13 P.S. WAS RESOLVED BY HOLDING THE RECORD OFFSET OF 75.00' FROM POINT 1061 AND THEN WAS ROTATED TO FIT THE RECORD OFFSET OF 100' FROM POINT 1077. THIS FIT WELL WITH RECOVERED ODOT MONUMENTS AT EACH END OF THE TANGENT BUT RESULTED IN ABOUT 0.2' ERROR IN ORIGINAL MONUMENTS RECOVERED IN THE MIDDLE OF THIS TANGENT. MY OPINION IS THAT THE ORIGINAL SURVEY CREW HAD SHORTER LINE OF SITE IN THE MIDDLE WHERE THERE IS A LOW POINT VERTICAL CURVE AT A CREEK CROSSING AND THE END POINTS OF THIS TANGENT WERE INTERVISIBLE AND THEREFORE PROVIDING A BETTER LINE OF SITE FOR CONSISTENCY. THE RECORD DEGREE OF CURVE AND SPIRAL LENGTHS WERE HELD TO DEFINE THIS CURVE. THE CALCULATED OFFSETS FIT THE RECORD MAP OFFSETS VERY WELL THROUGH THE ENTIRE CURVE. AS A RESULT, THE MONUMENTS FIT THE RECORD CURVE LOCATION REASONABLY. ALL RIGHT OF WAY WIDTHS WERE HELD PER THE RECORD ODOT RW MAP NO. 9B-3-5 ON THIS SURVEY.

THE NORTHERLY RIGHT OF WAY LINE FROM CENTER LINE STATIONS 151+00.00 TO 204+15.53 IS DEFINED BY THE SOUTHERLY BOUNDARY OF AGATE SUBDIVISION EXTENSION NO. 2 AND OLD TRACT LINES EXISTING AT THE TIME OF RIGHT OF WAY WAS PURCHASED IN THE 1960'S. THE SECTION OF NORTHERLY RIGHT OF WAY LINE FROM OR 140 FROM 151+00.00 TO 177+58.00 WAS CALCULATED BY HOLDING A LINE BETWEEN POINTS 1016 AND 1045, BOTH ORIGINAL MONUMENTS SET ALONG THE SOUTHERLY BOUNDARY OF AGATE SUBDIVISION EXTENSION NO. 2. THE NORTHERLY RIGHT OF WAY LINE FROM 177+58.00 TO 185+94.63 WAS CALCULATED BY HOLDING MONUMENTS SET ALONG THE SOUTHERLY LINE OF TRACTS AS SHOWN ON S.N. 2726 AND WHISPERING WINDS SUBDIVISION. A LINE BETWEEN POINTS 1043 AND 1002 WAS HELD TO DEFINE THIS OLD TRACT LINE AND RIGHT OF WAY. THE RIGHT OF WAY BETWEEN STATIONS 185+94.63 AND 204+15.53 IS DEFINED BY SOUTHERLY LINE OF TRACT AS SHOWN ON S.N. 1777. THIS LINE WAS CALCULATED BY USING THE ANGLE POINT WHICH IS ALSO THE SOUTHWEST CORNER OF TRACT C AS SHOWN ON S.N. 1777 AND WAS CALCULATED BY HOLDING RECORD DISTANCE FROM POINT 1002 AS SHOWN ON WHISPERING WINDS SUBDIVISION. THE RIGHT OF WAY WAS DEFINED BY MY SURVEY HOLDING A LINE BETWEEN RESULTING CORNER OF TRACT C AND POINT 1060, SET PER ODOT RW MAP NO. 9B-3-5. THE RIGHT OF WAY IS SUMMARIZED BY THE FOLLOWING SEGMENTS WHICH CAN BE SEEN GRAPHICALLY ON DETAILS "A" AND "B" ON SHEETS 7: POINT 1016 TO POINT 6000, POINT 6000 TO POINT 6001 AND POINT 6001 TO POINT 1060.

STATIONING ON ODOT RW MAP NO. 9B-3-5 WAS ESTABLISHED BY HOLDING THE RECORD STATION OF 190+00.00 ON POINT 1011. IT WAS FOUND THAT THE RECOVERED MONUMENTS FIT WELL WITH RECORD STATION VALUES BETWEEN 180+00.00 AND 247+00.00, HOWEVER MONUMENTS TIED WESTERLY TOWARDS CRATER LAKE HIGHWAY (OR62) FROM 180+00.00 BEGIN TO DEVIATE CONSIDERABLY FROM THE RECORD VALUES. IT WAS DECIDED NOT TO PLACE AN EQUATION STATION SINCE IT WOULD BE DIFFICULT TO FIND ANY CONSISTENCY WITH MONUMENTS AND THIS AREA IS OUTSIDE THE PROJECT LIMITS.

LINE LEGEND	
EXISTING SUBDIVISION OR LOT LINE	GOVERNMENT CORNER TIE LINE
RESOLVED HIGHWAY RIGHT-OF-WAY LINE	GOVERNMENT SECTION LINE
RESOLVED STATE RIGHT-OF-WAY (ACCESS CONTROLLED)	GOVERNMENT 1/4 SECTION LINE
EXISTING RIGHT OF WAY/ PROPERTY LINE	GOVERNMENT 1/6 SECTION LINE
EDGE OF PAVEMENT	EXISTING CENTERLINE
FENCE	

REGISTERED  
 PROFESSIONAL  
 LAND SURVEYOR

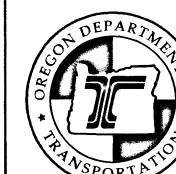
*Andrew David Ausland*

OREGON  
 JULY 15, 2003  
 ANDREW DAVID AUSLAND  
 56136

EXPIRES: 12/31/2019

**OREGON DEPARTMENT OF TRANSPORTATION**

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY  
 OR 140: ATLANTIC AVENUE INTERSECTION IMPROVEMENTS  
 LAKE OF THE WOODS HIGHWAY  
 JACKSON COUNTY

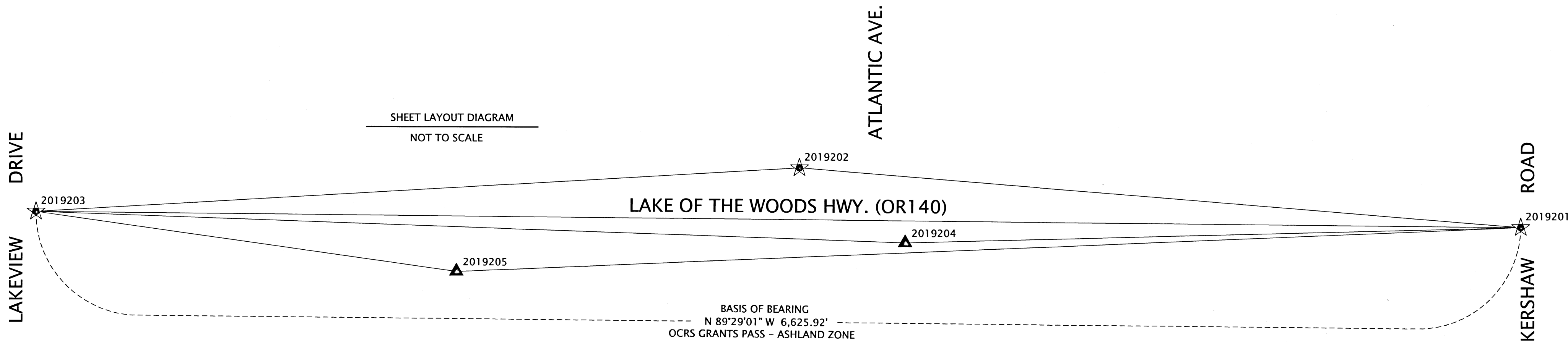


ODOT REGION 3 TECH CENTER  
 100 ANTELOPE ROAD  
 WHITE CITY, OREGON, 97503 KEY NO. 20192

OCTOBER 18, 2018  
 NO SCALE  
 SHEET 1 OF 10

SW 1/4 SEC. 21, T. 36 S, R. 1 W, W.M. SE 1/4 SEC. 21, T. 36 S, R. 1 W, W.M.  
 SW 1/4 SEC. 22, T. 36 S, R. 1 W, W.M. SE 1/4 SEC. 22, T. 36 S, R. 1 W, W.M.

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 JACKSON COUNTY  
 SURVEYOR



CONTROL POINT TABLE

PT. NO.	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION
2019201	245794.47	306242.53	12/5/2017	SET 5/8" X 30" REBAR W/ 2" ALUM CAP "ODOT CONTROL POINT 20192-01"
2019202	246053.42	303024.27	12/5/2017	SET 1" COPPER PLUG "ODOT 20192-02"
2019203	245854.18	299616.88	12/5/2017	SET HAMMERSET WITH 1-1/2" ALUM. WASHER "ODOT 20192-03"
2019204	245720.70	303495.15	12/5/2017	FND 1-1/2" ALUM CAP "OREG. STATE HWY DIV" WITH PUNCH
2019205	245589.67	301493.77	12/5/2017	FND 1-1/2" ALUM CAP "OREG. STATE HWY DIV" WITH PUNCH

FND=FOUND ALUM=ALUMINUM CAP  
 OCRS = OREGON COORDINATE REFERENCE SYSTEM

ASSESSOR'S MAPS:  
 36 1W 21CA  
 36 1W 21DB  
 36 1W 21DA  
 36 1W 22C  
 36 1W 22D

**CONTROL NARRATIVE**

PROJECT -OR140: ATLANTIC AVE. INTERSECTION IMPROVEMENTS  
 LOCATION - JACKSON COUNTY, OREGON  
 KEY NUMBER - 20192  
 SURVEY DATUM:  
 HORIZONTAL - OREGON COORDINATE REFERENCE SYSTEM (OCRS):  
 GRANTS PASS - ASHLAND ZONE,  
 NAD83(2011) EPOCH 2010 (INTERNATIONAL FEET)  
 VERTICAL - NAVD88 (GEOID 12A)

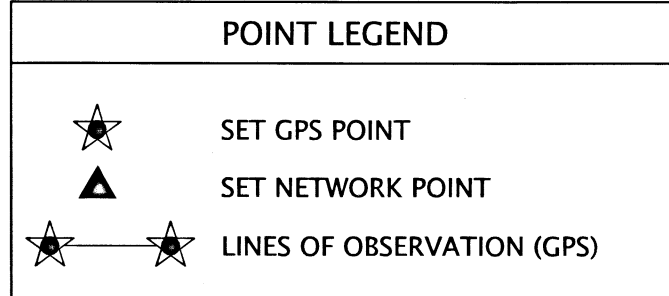
**HORIZONTAL CONTROL**

A STATIC GPS NETWORK USING REDUNDANT 2 HOUR OCCUPATIONS WAS PERFORMED TO DERIVE COORDINATES ON POINTS 2019201, 2019202, AND 2019203. ADDITIONAL 20 MINUTE OCCUPATIONS WERE PERFORMED, SPACED 30 MINUTES OR MORE APART ON POINTS 2019204 AND 2016205 WHILE SIMULTANEOUSLY OCCUPYING POINTS 2019201 AND 2019203. THIS NETWORK WAS PROCESSED AND ADJUSTED UTILIZING A 3D LEAST SQUARES ADJUSTMENT. STATIONS 'PSPT' 'CTPT' AND 'ASHL' OF THE OREGON REAL TIME GEODETIC NETWORK (ORGN) WERE HELD FIXED FOR HORIZONTAL POSITION, AND 'CTPT' WAS HELD FIXED FOR VERTICAL POSITION.

CONTROL POINTS FOR THIS SURVEY WERE NOT SET ON AND DO NOT REPRESENT PROPERTY OR RIGHT OF WAY LINES AND ARE INTENDED FOR THE USE BY ODOT IN SUPPORT OF THIS AND FUTURE PROJECTS. IT IS NOT THE INTENT OF ODOT TO PERPETUATE THESE CONTROL POINTS AS MONUMENTS.

**VERTICAL CONTROL**

ELEVATIONS FOR THE PROJECT ARE BASED UPON THE NAVD88 (GEOID 12A) VERTICAL DATUM AND WAS ESTABLISHED BY HOLDING THE GNSS DERIVED ELEVATION AT CONTROL POINT 2019203. A DIFFERENTIAL LEVEL CIRCUIT WAS THEN RUN THROUGH THE REMAINDER OF THE PROJECT CONTROL SHOWN HEREON. THE PROCEDURES FOR ESTABLISHING VERTICAL CONTROL PASSED THE ODOT 'LEVELING ACCEPTANCE CRITERIA' DESCRIBED IN ODOT'S SURVEY POLICY AND PROCEDURE MANUAL.



REGISTERED  
 PROFESSIONAL  
 LAND SURVEYOR

*Andrew David Ausland*

OREGON  
 JULY 15, 2003  
 ANDREW DAVID AUSLAND  
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**OREGON DEPARTMENT OF TRANSPORTATION**

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY  
 OR 140: ATLANTIC AVENUE INTERSECTION IMPROVEMENTS  
 LAKE OF THE WOODS HIGHWAY  
 JACKSON COUNTY

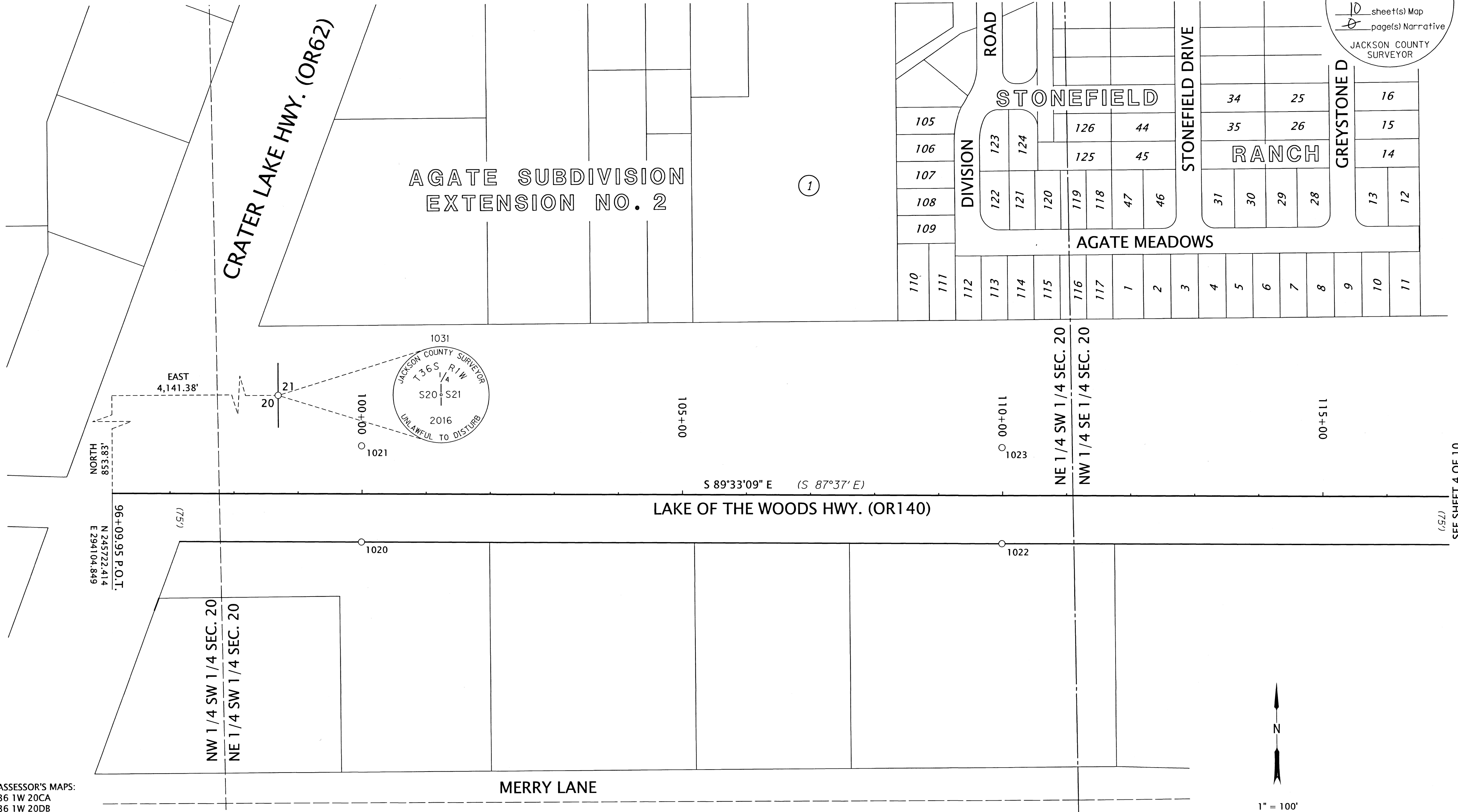


ODOT REGION 3 TECH CENTER  
 100 ANTELOPE ROAD  
 WHITE CITY, OREGON, 97503 KEY NO. 20192

OCTOBER 18, 2018  
 NO SCALE  
 SHEET 2 OF 10

NW 1/4 SECTION 20, T. 36 S., R. 1 W., W.M. SW 1/4 SECTION 20, T. 36 S., R. 1 W., W.M.  
SE 1/4 SECTION 20, T. 36 S., R. 1 W., W.M.

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JACKSON COUNTY SURVEYOR



ASSESSOR'S MAPS:  
36 1W 20CA  
36 1W 20DB

**LEGEND**

- ( ) RECORD DATA PER ODOT DRG. 9B-3-5
- ▲ SET NETWORK POINT (SEE SHEET 2)
- ★ SET GPS STATION (SEE SHEET 2)
- FOUND MONUMENT

SEE SHEET 1 FOR LINE LEGEND


**RECOVERED MONUMENT LIST**

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1020	99+98.92	75.00	245644.38	294493.22	12/14/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1021	99+98.85	-74.98	245794.35	294494.33	12/14/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1022	109+98.88	75.08	245636.49	295493.15	12/14/2017	FD. SMOOTH IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV", BENT, TIED SPINHOL	ODOT DRG. 9B-3-5
1023	109+98.83	-74.87	245786.43	295494.27	12/14/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1031	-	-	246576.24	298246.23	12/14/2017	FD. 2-1/2" BRASS DISK IN MONUMENT WELL, SEE CAP DIAGRAM ABOVE	J.C.C.R. 4th RE-ESTABLISHMENT

REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON  
JULY 15, 2003  
ANDREW DAVID AUSLAND  
56136  
EXPIRES: 12/31/2019

**OREGON DEPARTMENT OF TRANSPORTATION**  
HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY  
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LAKE OF THE WOODS HIGHWAY  
JACKSON COUNTY



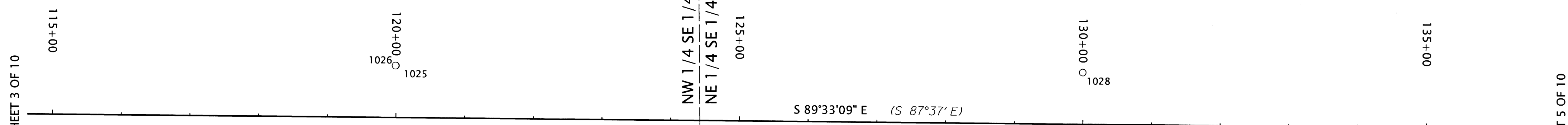
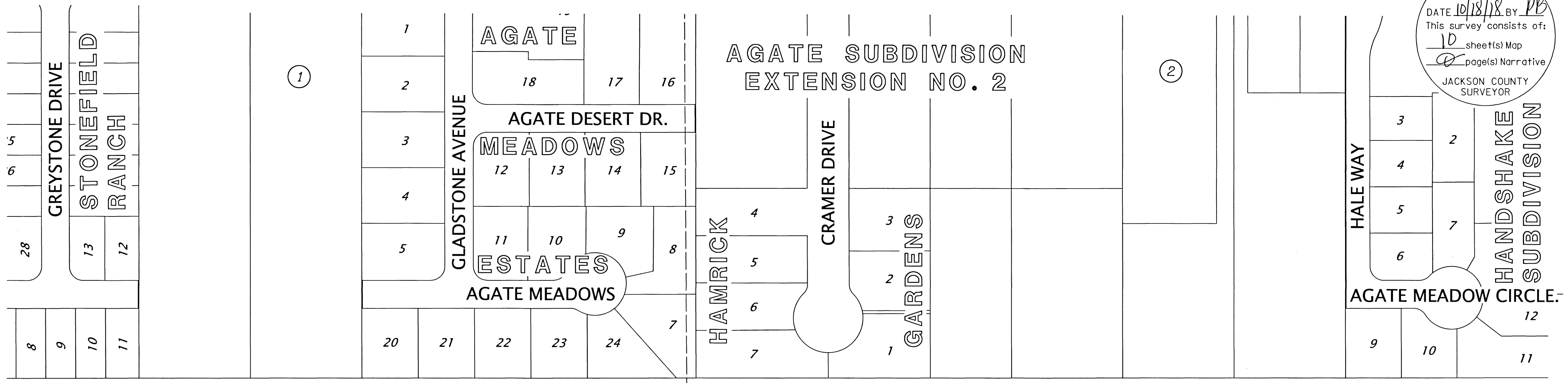
ODOT REGION 3 TECH CENTER  
100 ANTELOPE ROAD  
WHITE CITY, OREGON, 97503 KEY NO. 20192

OCTOBER 18, 2018  
SCALE: 1" = 100'  
SHEET 3 OF 10

SEE SHEET 4 OF 10

SE 1/4 SECTION 20, T.36S., R.1W., W.M.

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 JACKSON COUNTY  
 SURVEYOR



ASSESSOR'S MAPS:  
 36 1W 20DB  
 36 1W 20DA

**LEGEND**

- ( ) RECORD DATA PER ODOT DRG. 9B-3-5
- ▲ SET NETWORK POINT (SEE SHEET 2)
- ★ SET GPS STATION (SEE SHEET 2)
- FOUND MONUMENT

SEE SHEET 1 FOR  
 LINE LEGEND

RECOVERED MONUMENT LIST

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1024	119+99.37	75.09	245628.67	296493.61	12/14/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1025	119+99.31	-74.88	245778.64	296494.72	12/14/2017	FD. SMOOTH IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV", BENT, TIED SPINHOLE	ODOT DRG. 9B-3-5
1026	119+98.77	-74.97	245778.73	296494.18	12/14/2017	FD. 5/8" SMOOTH IR, BENT SEVERELY, TIED SPINHOLE	UNKNOWN ORIGIN
1027	129+99.51	74.99	245620.95	297493.72	12/14/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV", LEANING SLIGHTLY E'LY	ODOT DRG. 9B-3-5
1028	129+99.33	-74.98	245770.93	297494.71	12/14/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5

REGISTERED  
 PROFESSIONAL  
 LAND SURVEYOR

*Andrew D. Ausland*

OREGON  
 JULY 15, 2003  
 ANDREW DAVID AUSLAND  
 56136

EXPIRES: 12/31/2019

**OREGON DEPARTMENT OF TRANSPORTATION**

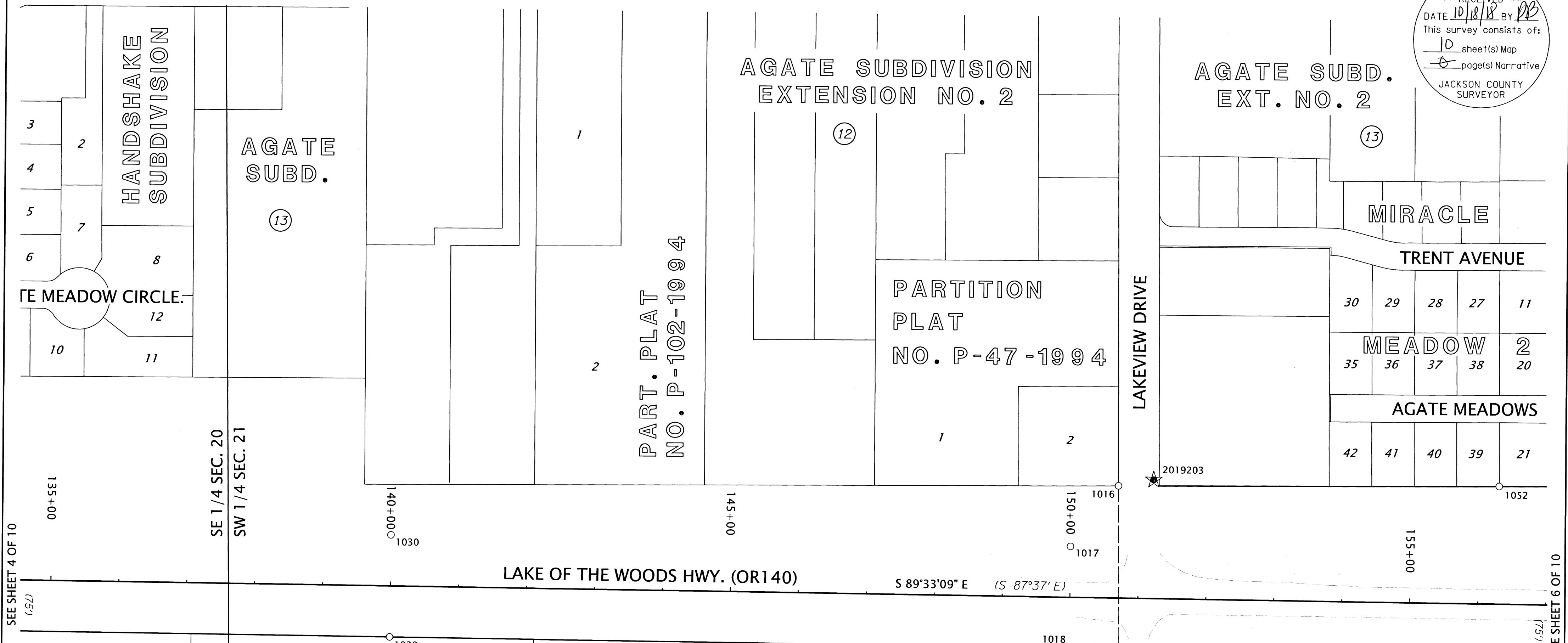
HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY  
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ODOT REGION 3 TECH CENTER  
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OCTOBER 18, 2018  
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 SHEET 4 OF 10

SE 1/4 SECTION 20, T.36S. R.1W., W.M.  
SW 1/4 SECTION 21, T.36S. R.1W., W.M.

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JACKSON COUNTY  
SURVEYOR



SEE SHEET 4 OF 10

SEE SHEET 6 OF 10

ASSESSOR'S MAPS:  
36 1W 21C  
36 1W 21CA

LEGEND	
( )	RECORD DATA PER ODOT DRG. 9B-3-5
▲	SET NETWORK POINT (SEE SHEET 2)
★	SET GPS STATION (SEE SHEET 2)
○	FOUND MONUMENT
⊕	FOUND BENCHMARK

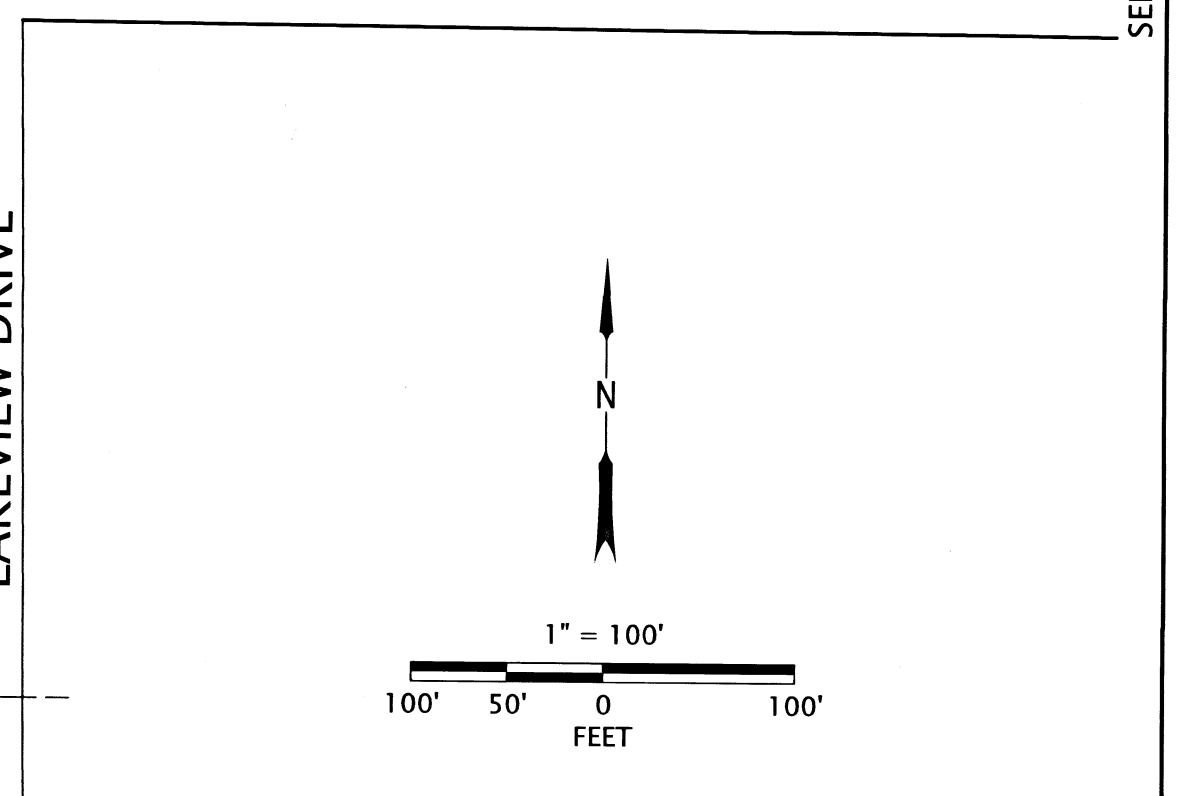
SEE SHEET 1 FOR  
LINE LEGEND

RECOVERED MONUMENT LIST

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1016	150+69.07	-165.17	245844.95	299565.09	12/14/2017	FD. 5/8" SMOOTH IR	AGATE SUBDIVISION EXT. NO. 2
1017	149+99.88	-74.98	245755.30	299495.20	12/14/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1018	149+99.78	74.97	245605.35	299493.93	12/14/2017	FD. 5/8" SMOOTH IR	ODOT DRG. 9B-3-5
1019	150+72.52	75.05	245604.71	299566.66	12/14/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1029	139+99.70	75.07	245613.06	298493.88	12/14/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1030	139+99.61	-75.00	245763.14	298494.96	12/14/2017	FD. SMOOTH IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV", BENT, TIED SPINHOLE	ODOT DRG. 9B-3-5
1052	156+29.19	-173.37	245848.77	300125.25	12/18/2017	FD. IR w/ OPC "B KAISER RLS 52923"	S.N. 20115

IR=IRON ROD FD.=FOUND ALUM=ALUMINUM OPC=ORANGE PLASTIC CAP

REGISTERED  
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LAND SURVEYOR  
  
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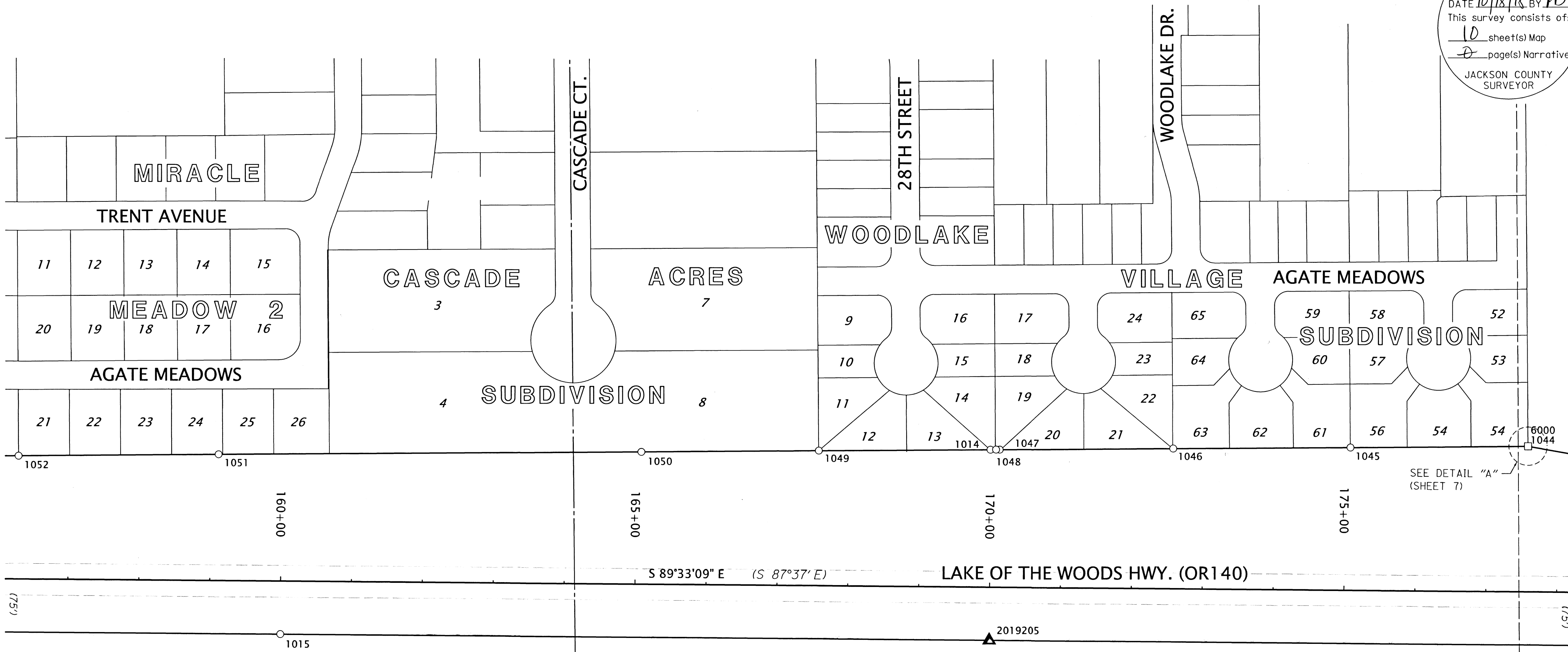


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HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY  
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SHEET 5 OF 10



SW 1/4 SECTION 21, T.36S., R.1W., W.M.  
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ASSESSOR'S MAPS:  
36 1W 21CA  
36 1W 21DB

LEGEND	
( )	RECORD DATA PER ODOT DRG. 9B-3-5
▲	SET NETWORK POINT (SEE SHEET 2)
★	SET GPS STATION (SEE SHEET 2)
○	FOUND MONUMENT
□	CALCULATED POINT

SEE SHEET 1 FOR  
LINE LEGEND

RECOVERED MONUMENT LIST

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1014	169+99.76	-193.57	245858.27	301495.95	12/13/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1015	160+00.04	75.00	245597.51	300494.16	12/13/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1044	177+57.63	-204.42	245863.21	302253.88	1/2/2018	FD. IR w/ YPC "LJ FRIAR & ASSOC."	S.N. 6911
1045	175+07.78	-201.00	245861.73	302004.01	1/2/2018	FD. 5/8" REBAR	AGATE SUBDIVISION EXTENSION NO. 2
1046	172+57.76	-197.34	245860.03	301753.96	1/2/2018	FD. 5/8" REBAR	AGATE SUBDIVISION EXTENSION NO. 2
1047	170+12.74	-193.76	245858.36	301508.93	1/2/2018	FD. IR w/ OPC "B KAISER RLS 52923"	WOODLAKE VILLAGE SUBDIVISION
1048	170+07.61	-193.77	245858.41	301503.79	1/2/2018	FD. 5/8" REBAR	AGATE SUBDIVISION EXTENSION NO. 2
1049	167+57.71	-189.98	245856.57	301253.88	1/2/2018	FD. 5/8" REBAR	AGATE SUBDIVISION EXTENSION NO. 2
1050	165+07.60	-186.23	245854.77	301003.74	12/14/2017	FD. 5/8" REBAR, BENT SEVERELY, TIED SPINHOLE	AGATE SUBDIVISION EXTENSION NO. 2
1051	159+11.23	-177.61	245850.81	300407.33	12/18/2017	FD. 5/8" SMOOTH IR, BENT SEVERELY, TIED SPINHOLE	AGATE SUBDIVISION EXTENSION NO. 2
1052	156+29.19	-173.37	245848.77	300125.25	12/18/2017	FD. IR w/ OPC "B KAISER RLS 52923"	S.N. 20115
2019205	-	-	245589.67	301493.77	12/5/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV" WITH PUNCH	ODOT DRG. 9B-3-5

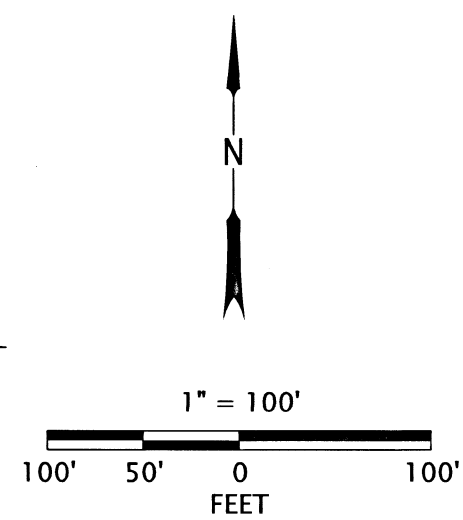
IR=IRON ROD FD.=FOUND ALUM=ALUMINUM OPC=ORANGE PLASTIC CAP YPC=YELLOW PLASTIC CAP

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR  
*Andrew David Ausland*  
OREGON  
JULY 15, 2003  
ANDREW DAVID AUSLAND  
56136  
EXPIRES: 12/31/2019

**OREGON DEPARTMENT OF TRANSPORTATION**  
HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY  
OR 140: ATLANTIC AVENUE INTERSECTION IMPROVEMENTS  
LAKE OF THE WOODS HIGHWAY  
JACKSON COUNTY

ODOT REGION 3 TECH CENTER  
100 ANTELOPE ROAD  
WHITE CITY, OREGON, 97503 KEY NO. 20192

OCTOBER 18, 2018  
SCALE: 1" = 100'  
SHEET 6 OF 10



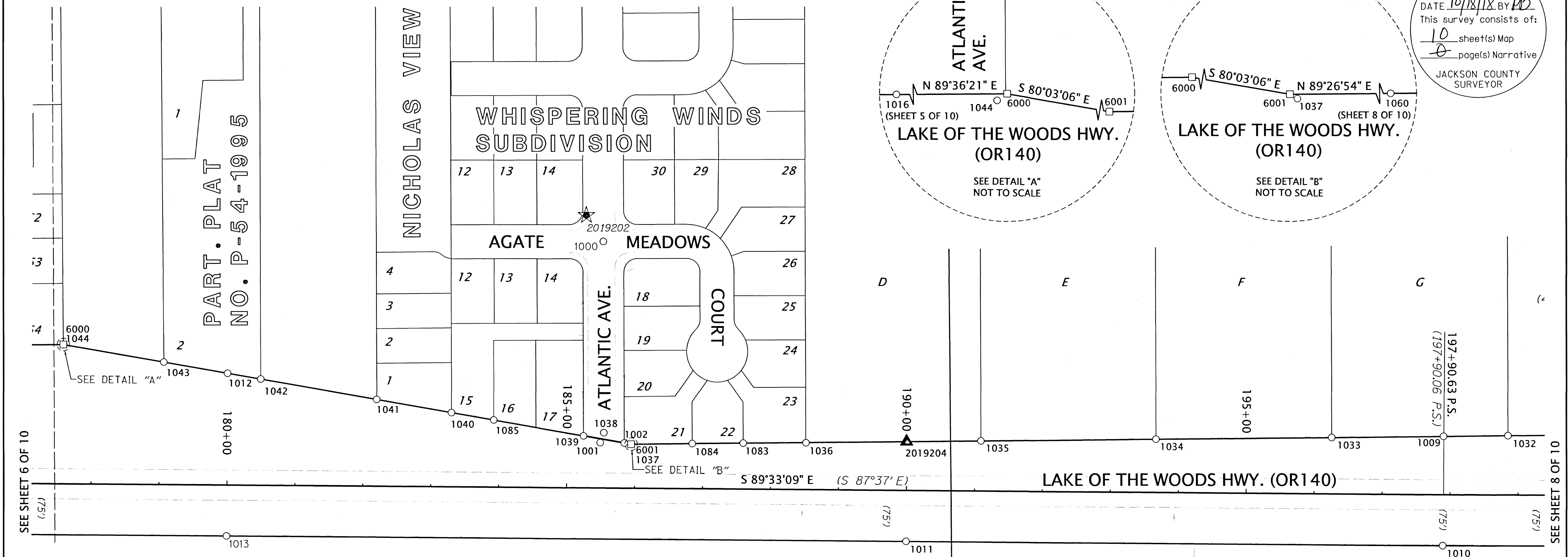
NW 1/4 SE 1/4 SEC. 21  
NE 1/4 SE 1/4 SEC. 21

SEE SHEET 5 OF 10

SEE SHEET 7 OF 10

SE 1/4 SECTION 21, T.36S., R.1W., W.M.  
SW 1/4 SECTION 22, T.36S., R.1W., W.M.

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This survey consists of:  
10 sheet(s) Map  
0 page(s) Narrative  
JACKSON COUNTY SURVEYOR



ASSESSOR'S MAPS:  
36 1W 21DA  
36 1W 22C

CALCULATED POINT TABLE

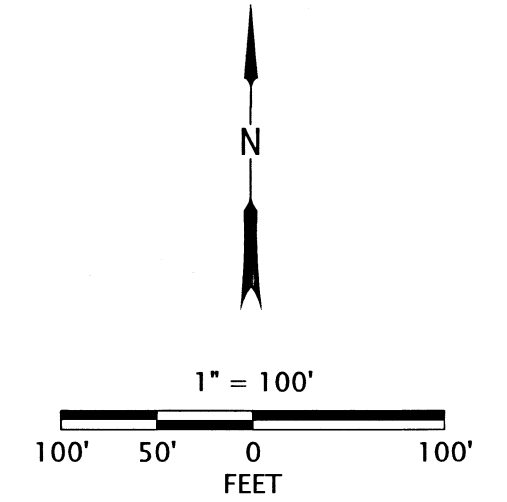
PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DESCRIPTION
6000	177+58.00	-204.67	245863.45	302254.25	CALCULATED POINT
6001	185+94.63	-64.66	245716.91	303089.76	CALCULATED POINT

RECOVERED MONUMENT LIST

REF. = REFERENCED BY IR=IRON ROD FD.=FOUND ALUM=ALUMINUM YPC=YELLOW PLASTIC CAP

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1000	-	-	246014.82	303049.13	10/19/2017	FD. IR w/ 1-1/2" ALUM CAP "KAISER RLS 803"	WHISPERING WINDS SUBDIVISION
1001	-	-	245719.23	303044.39	10/19/2017	FD. 3/8" IRON ROD	UNKNOWN ORIGIN
1002	185+84.61	-66.33	245718.66	303079.75	10/19/2017	FD. IR w/ YPC "KAISER RLS 803"	WHISPERING WINDS SUBDIVISION
1009	197+90.17	-85.70	245728.61	304285.43	12/13/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV", LEANING SLIGHTLY N'LY	ODOT DRG. 98-3-5
1010	197+89.97	75.00	245567.92	304283.97	12/13/2017	FD. SMOOTH IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV", BENT, TIED SPINHOLE	ODOT DRG. 98-3-5
1011	190+00.00	74.98	245574.11	303494.03	12/13/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 98-3-5
1012	179+99.86	-164.17	245821.06	302495.78	12/13/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 98-3-5
1013	180+00.05	74.99	245581.91	302494.11	12/13/2017	FD. SMOOTH IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV", BENT, TIED SPINHOLE	ODOT DRG. 98-3-5
1032	198+85.16	-87.00	245729.30	304380.08	1/2/2018	FD. 1/2" REBAR, BENT SEVERELY, TIED SPINHOLE	S.N. 1777
1033	196+25.66	-82.60	245726.80	304120.90	1/2/2018	FD. 1/2" REBAR, BENT SEVERELY, TIED SPINHOLE	S.N. 1777
1034	193+66.96	-78.10	245724.31	303862.17	1/2/2018	FD. 1/2" REBAR	S.N. 1777
1035	191+09.14	-73.53	245721.76	303604.32	12/14/2017	FD. 1/2" REBAR, BENT SEVERELY, TIED SPINHOLE	S.N. 1777
1036	188+51.85	-68.60	245718.84	303347.00	1/2/2018	FD. 1" HEX BOLT	REF. ODOT DRG. 98-3-5
1037	185+95.08	-64.45	245716.70	303090.21	1/2/2018	FD. 1" HEX BOLT	REF. ODOT DRG. 98-3-5
1038	-	-	245733.86	303049.71	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "KAISER RLS 803"	WHISPERING WINDS SUBDIVISION
1039	185+24.57	-76.30	245729.09	303019.80	1/2/2018	FD. IR w/ YPC "KAISER RLS 803"	WHISPERING WINDS SUBDIVISION
1040	183+30.02	-108.86	245763.18	302825.50	1/2/2018	FD. 5/8" REBAR	S.N. 2726
1041	182+19.67	-127.35	245782.53	302715.30	1/2/2018	FD. IR w/ YPC "BURRELL RPLS 638"	S.N. 13009
1042	180+48.73	-156.03	245812.54	302544.59	1/2/2018	FD. 5/8" REBAR	S.N. 2726
1043	179+05.89	-179.92	245837.55	302401.94	1/2/2018	FD. 5/8" REBAR	S.N. 6911
1044	177+57.63	-204.42	245863.21	302253.88	1/2/2018	FD. IR w/ YPC "LJ FRIAR & ASSOC."	S.N. 6911
1083	187+59.58	-67.39	245718.35	303254.73	12/18/2017	FD. IR w/ YPC "KAISER RLS 803"	WHISPERING WINDS SUBDIVISION
1084	186+84.60	-66.12	245717.66	303179.74	12/18/2017	FD. PARTIALLY BUSTED YPC "KAISER RLS 803"	WHISPERING WINDS SUBDIVISION
1085	183+92.25	-98.45	245752.28	302887.65	1/2/2018	FD. IR w/ YPC "KAISER RLS 803"	WHISPERING WINDS SUBDIVISION
2019204	-	-	245720.70	303495.15	12/5/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV" WITH PUNCH	ODOT DRG. 98-3-5

SE 1/4 SEC. 21  
SW 1/4 SEC. 22



LEGEND


( )	RECORD DATA PER ODOT DRG. 98-3-5
▲	SET NETWORK POINT (SEE SHEET 2)
★	SET GPS STATION (SEE SHEET 2)
○	FOUND MONUMENT
□	CALCULATED POINT

SEE SHEET 1 FOR LINE LEGEND

REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON  
JULY 15, 2003  
ANDREW DAVID AUSLAND  
56136  
EXPIRES: 12/31/2019

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JACKSON COUNTY



ODOT REGION 3 TECH CENTER  
100 ANTELOPE ROAD  
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OCTOBER 18, 2018  
SCALE: 1" = 100'  
SHEET 7 OF 10

SW 1/4 SECTION 22, T.36S., R.1W., W.M.  
SE 1/4 SECTION 22, T.36S., R.1W., W.M.

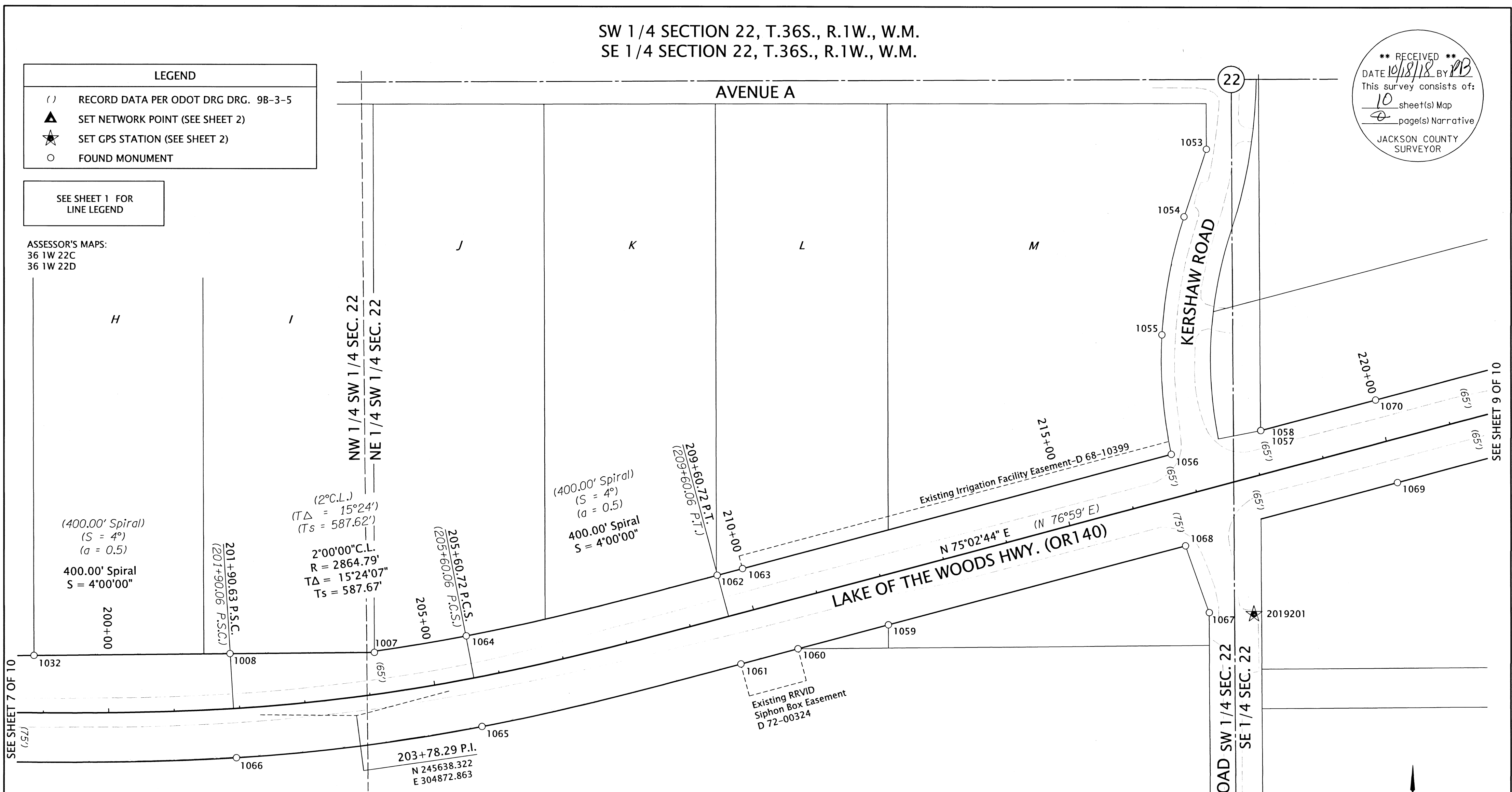
**\*\* RECEIVED \*\***  
DATE 10/18/18 BY AB  
This survey consists of:  
10 sheet(s) Map  
2 page(s) Narrative  
JACKSON COUNTY SURVEYOR

**LEGEND**

- ( ) RECORD DATA PER ODOT DRG. 9B-3-5
- ▲ SET NETWORK POINT (SEE SHEET 2)
- ★ SET GPS STATION (SEE SHEET 2)
- FOUND MONUMENT

SEE SHEET 1 FOR LINE LEGEND

ASSESSOR'S MAPS:  
36 1W 22C  
36 1W 22D



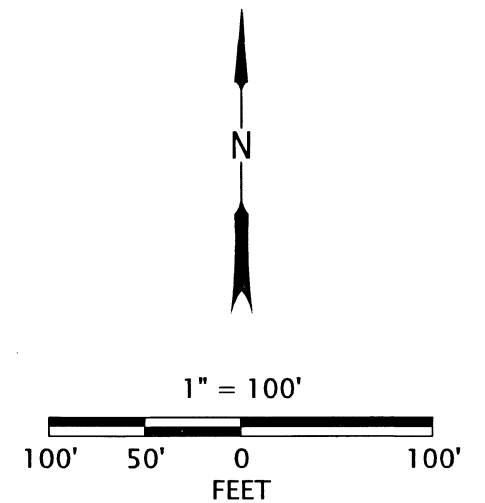
SEE SHEET 7 OF 10

SEE SHEET 9 OF 10

**RECOVERED MONUMENT LIST**


FD.=FOUND ALUM=ALUMINUM

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1007	204+15.53	-63.18	245734.39	304899.93	12/13/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1008	201+90.18	-83.38	245732.29	304679.48	12/13/2017	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1032	198+85.16	-87.00	245729.30	304380.08	1/2/2018	FD. 1/2" REBAR, BENT SEVERELY, TIED SPINHOLE	S.N. 1777
1053	-	-	246503.16	306169.98	1/2/2018	FD. IR w/ 2" ALUM CAP "OREG DEPT OF TRANS RIGHT OF WAY"	S.N. 19438
1054	-	-	246399.79	306135.96	1/2/2018	FD. IR w/ 2" ALUM CAP "OREG DEPT OF TRANS RIGHT OF WAY"	S.N. 19438
1055	-	-	246220.00	306102.15	1/2/2018	FD. IR w/ 2" ALUM CAP "OREG DEPT OF TRANS RIGHT OF WAY"	S.N. 19438
1056	216+77.52	-64.95	246037.69	306116.39	1/2/2018	FD. IR w/ 2" ALUM CAP "OREG DEPT OF TRANS RIGHT OF WAY"	S.N. 19438
1057	218+18.51	-64.93	246074.05	306252.61	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP, ILLEGIBLE, FALLS BETWEEN TWO 1" PVC IRRIGATION LINES	ODOT DRG. 9B-3-5
1058	218+18.74	-64.90	246074.09	306252.84	1/2/2018	FD. 5/8" SMOOTH IR, FALLS BETWEEN TWO 1" PVC IRRIGATION LINES	S.N. 7479
1059	211+92.92	75.02	245777.41	305684.32	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1060	210+50.08	75.01	245740.56	305546.31	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1061	209+60.19	75.00	245717.37	305459.46	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1062	209+60.17	-65.05	246852.67	305423.30	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1063	210+00.13	-64.98	245862.92	305461.93	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1064	205+61.27	-64.97	245759.68	305040.14	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1065	205+58.97	74.86	245621.95	305064.42	12/18/2017	FD. 5/8" SMOOTH IR, BENT SEVERELY, TIED SPINHOLE	ODOT DRG. 9B-3-5
1066	201+90.24	75.04	245574.17	304689.34	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1067	-	-	245796.64	306174.34	1/2/2018	FD. IR w/ 2" ALUM CAP "OREG DEPT OF TRANS RIGHT OF WAY"	S.N. 19438
1068	216+62.55	75.01	245898.60	306138.04	1/2/2018	FD. IR w/ 2" ALUM CAP "OREG DEPT OF TRANS RIGHT OF WAY"	S.N. 19438
1069	220+00.05	65.09	245995.29	306461.54	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1070	220+00.06	-64.92	246120.90	306428.01	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5



REGISTERED PROFESSIONAL LAND SURVEYOR  
*Andrew David Ausland*  
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HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY  
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LAKE OF THE WOODS HIGHWAY  
JACKSON COUNTY



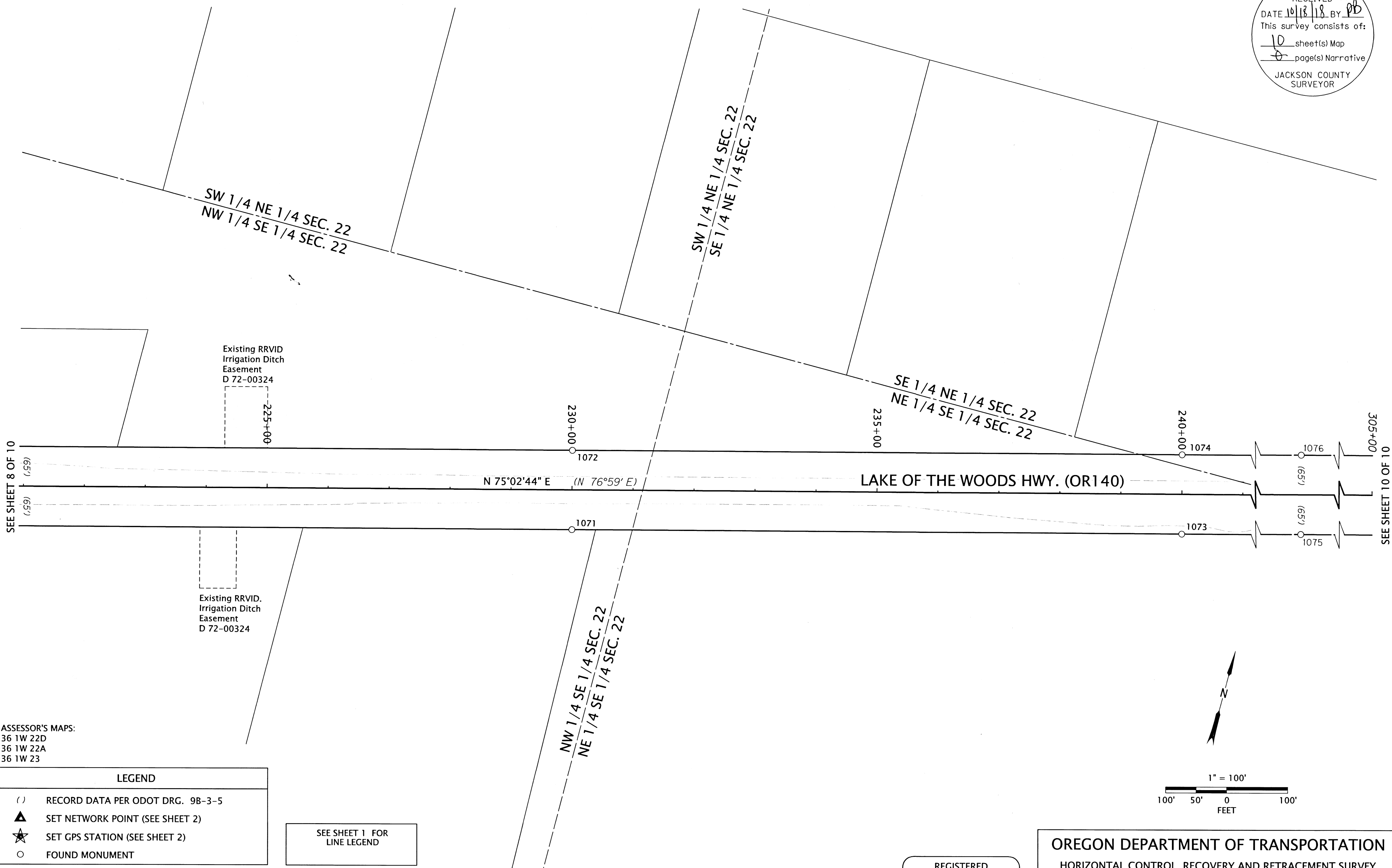
ODOT REGION 3 TECH CENTER  
100 ANTELOPE ROAD  
WHITE CITY, OREGON, 97503 KEY NO. 20192

OCTOBER 18, 2018  
SCALE: 1" = 100'  
SHEET 8 OF 10



SE 1/4 SECTION 22, T.36S., R.1W., W.M. NE 1/4 SECTION 22, T.36S., R.1W., W.M.  
 NW 1/4 SECTION 23, T.36S., R.1W., W.M. SW 1/4 SECTION 23, T.36S., R.1W., W.M.

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 10 sheet(s) Map  
 8 page(s) Narrative  
 JACKSON COUNTY  
 SURVEYOR



ASSESSOR'S MAPS:  
 36 1W 22D  
 36 1W 22A  
 36 1W 23

LEGEND	
( )	RECORD DATA PER ODOT DRG. 9B-3-5
▲	SET NETWORK POINT (SEE SHEET 2)
★	SET GPS STATION (SEE SHEET 2)
○	FOUND MONUMENT

SEE SHEET 1 FOR  
 LINE LEGEND

RECOVERED MONUMENT LIST

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1071	230+00.04	65.19	246253.24	307427.70	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1072	230+00.13	-64.77	246378.82	307394.25	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1073	239+99.97	65.21	246511.25	308393.76	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1074	239+99.88	-64.71	246636.74	308360.15	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1075	246+99.87	65.20	246691.87	309069.95	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1076	246+99.87	-64.74	246817.41	309036.43	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5

REGISTERED  
 PROFESSIONAL  
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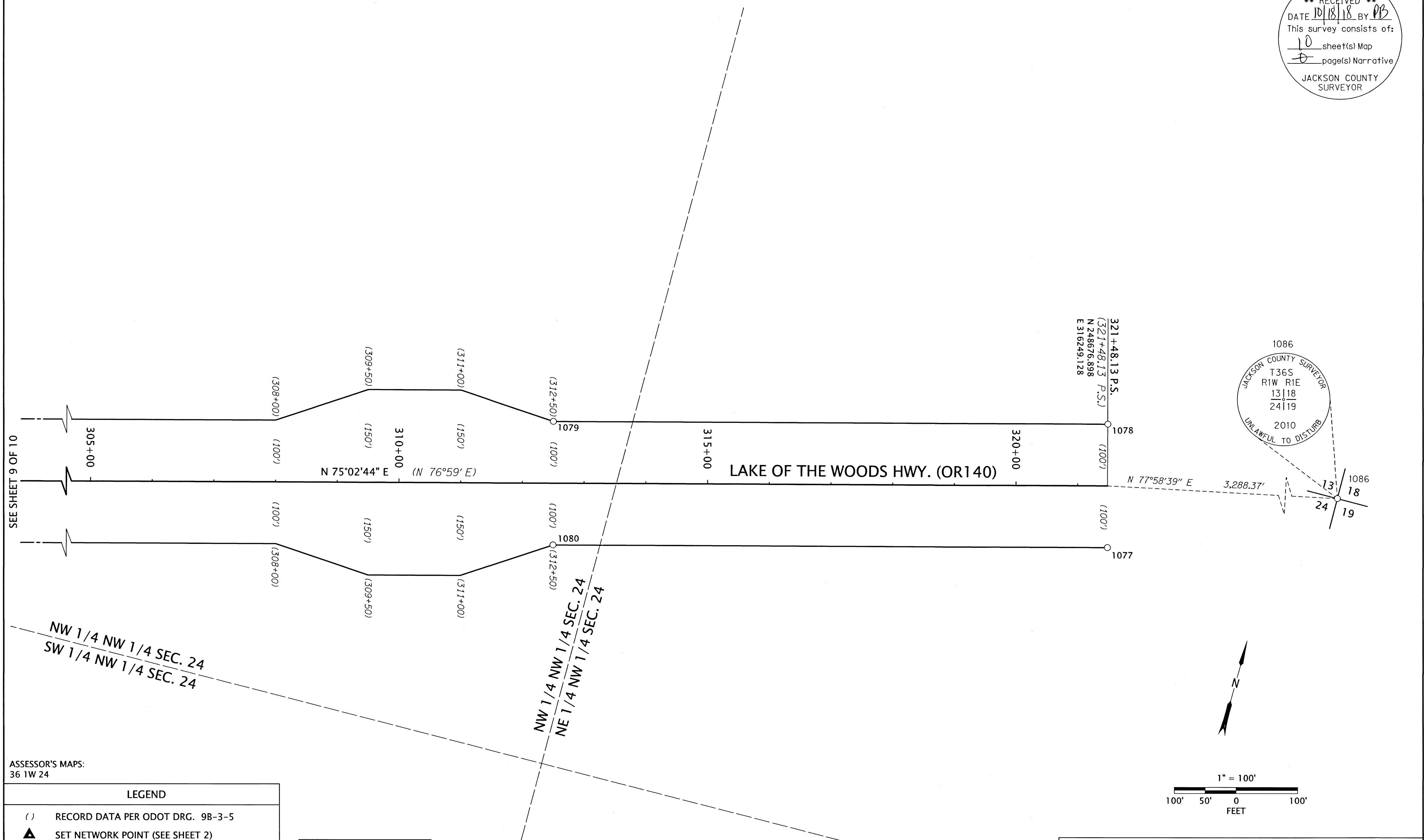
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OCTOBER 18, 2018  
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 SHEET 9 OF 10

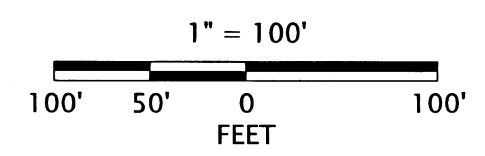
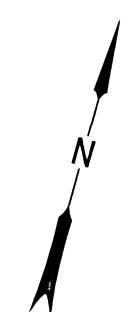
NW 1/4 SECTION 24, T.36S., R.1W., W.M.

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0 page(s) Narrative  
 JACKSON COUNTY  
 SURVEYOR

SEE SHEET 9 OF 10



1086  
 JACKSON COUNTY SURVEYOR  
 T36S  
 R1W R1E  
 13 | 18  
 24 | 19  
 2010  
 UNLAWFUL TO DISTURB



ASSESSOR'S MAPS:  
 36 1W 24

LEGEND	
( )	RECORD DATA PER ODOT DRG. 9B-3-5
▲	SET NETWORK POINT (SEE SHEET 2)
★	SET GPS STATION (SEE SHEET 2)
○	FOUND MONUMENT

SEE SHEET 1 FOR  
 LINE LEGEND


RECOVERED MONUMENT LIST

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1077	321+48.26	100.00	248580.32	316275.06	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1078	321+48.31	-100.03	248773.59	316223.49	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1079	312+49.90	-100.08	248541.80	315355.49	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1080	312+49.84	99.94	248348.54	315407.05	1/2/2018	FD. IR w/ 1-1/2" ALUM CAP "OREG. STATE HWY DIV"	ODOT DRG. 9B-3-5
1086	0.000	0.00	249361.86	319465.37	12/21/2017	FD. 2-1/2" BRASS DISK, SEE CAP DIAGRAM ABOVE	J.C.C.R. 3rd RE-ESTABLISHMENT

REGISTERED  
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 SHEET 10 OF 10