

ANDERSON-PERRY & ASSOCIATES  
1901 N. FIR ST., LA GRANDE, OR., 97850

HORIZONTAL CONTROL SURVEY, MONUMENT RECOVERY SURVEY  
AND CENTERLINE RESOLUTION  
6TH STREET (COLUMBIA RIVER HIGHWAY)  
SECTIONS 17 & 18; T5N R28E W.M.  
UMATILLA COUNTY

CITY OF UMATILLA & ODOT REGION 5  
700 6TH STREET  
UMATILLA, OR. 97882

MARCH 2014  
SCALE: 1"=100'  
SHEET 1 OF 4

S. 1/2 OF N.W. 1/4 & S.W. 1/4 OF NE 1/4  
& S.E. OF SEC. 17,  
& S.E. 1/4 OF N.E. 1/4 OF SEC 18  
T.5N, R. 28E, W.M.



RECOVERED MONUMENT LIST

PT. NO.	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION & REFERENCES
1000	822167.24	8494610.23	11/12/13	FOUND 3" BRASS CAP, "OREGON DOT STA. 210+00.00 POT"; MOS 95-22-C
1001	822151.52	8494701.25	11/12/13	FOUND 3/4" IRON PIPE W/LEAD PLUG AND SCREW; MOS K-24-B; Q-1087-AX; 03-64-B
1002	822263.31	8495095.74	11/5/13	FOUND MAGNAIL W/WASHER "PLS LS48509"; MOS 04-157-B; 94-149-A
1004	822416.73	8495343.01	11/25/13	FOUND 3/4" IRON PIPE
1005	822338.92	8495215.46	11/5/13	FOUND 3" BRASS CAP IN MON BOX "OREGON DOT 216+29.10"; MOS 95-22-C
1009	822611.56	8496026.17	12/3/13	FOUND 1" IRON PIPE W/LEAD PLUG AND SCREW; MOS E-2-AX; 06-404-AX; J-119-A; 06-522-B
1010	822701.96	8496343.56	12/5/13	FOUND 5/8" REBAR WITH YELLOW PLASTIC CAP "EDWARDS 951"; MOS 10-185-B; 06-522-B
1011	822674.32	8496247.50	12/5/13	FOUND 5/8" REBAR WITH YELLOW PLASTIC CAP "EDWARDS 951"; MOS 10-185-B; 06-522-B
1023	822165.82	8494748.91	1/10/14	FOUND LEAD PLUG W/NAIL IN SIDEWALK; MOS K-24-B; Q-1087-AX; 03-64-B
1081	822624.63	8496365.57	2/5/14	FOUND NAIL FLUSH IN SIDEWALK; MOS 06-522-B
1088	822570.05	8496173.21	2/5/14	FOUND SCREW (WITH HEAD BROKEN) IN SIDEWALK; MOS 06-522-B
1092	822356.13	8496151.54	2/5/14	FOUND 5/8" REBAR (NO CAP) @ BACK OF WALK; MOS Q-1096-AX
1095	822246.30	8494741.90	2/6/14	FOUND 5/8" REBAR (NO CAP) FLUSH IN AC; MOS 03-64-B
1100	822318.12	8495288.54	2/6/14	FOUND 5/8" REBAR WITH YELLOW PLASTIC CAP "PLS LS48509"; MOS 04-157-B; 94-149-A
1109	822817.60	8495728.30	2/6/14	FOUND 5/8" REBAR (NO CAP) W/ALUMINUM TAG "951"

SET CONTROL POINT

PT. NO.	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION
1	822216.04	8494665.69	11/11/13	APA_MAG
2	822248.70	8495028.14	11/11/13	APA_MAG
3	822404.76	8495347.23	11/11/13	APA_MAG
4	822481.47	8495615.99	11/11/13	APA_MAG
5	822509.45	8495911.92	11/11/13	APA_MAG
6	822659.89	8496161.84	11/11/13	APA_MAG
24	822479.67	8495534.75	1/15/14	APA_H+MAG
25	822331.86	8495354.19	1/15/14	APA_H+MAG
26	822511.15	8494684.8R	1/15/14	APA_RPC
502	822352.67	8494773.47	11/5/13	APA_RPC

SURVEY NARRATIVE

THIS SURVEY WAS PERFORMED AT THE REQUEST OF THE CITY OF UMATILLA IN CONJUNCTION WITH THE 6TH STREET IMPROVEMENTS PROJECT IN ORDER TO RESOLVE THE CENTERLINE ALIGNMENT AND RIGHT-OF-WAY AS WELL AS PERPETUATE THE POSITIONS OF EXISTING MONUMENTATION. THE OREGON DEPARTMENT OF TRANSPORTATION SURVEYED 6TH STREET IN FEBRUARY 1995 AND FILED SURVEY 95-22-C WITH THE UMATILLA COUNTY SURVEYOR. THE CENTERLINE ALIGNMENT WAS COMPUTED FROM STATION 210+00 TO 256+83.1 BASED ON THAT SURVEY. A BRASS CAP WAS FOUND AT PC STATION 242+35.16 AND WAS HELD AND THE ALIGNMENT WAS THEN ROTATED ONTO STA. 210+00.00. THIS RESOLUTION FIT WELL WITH EXISTING MONUMENTATION AND IMPROVEMENTS. A CONCERTED EFFORT WAS MADE TO TIE EXISTING MONUMENTS ALONG 6TH STREET AS SHOWN PER THE REQUIREMENTS OF ORS 209.150. ANY MONUMENTS DISTURBED DURING CONSTRUCTION WILL BE RESTORED TO THEIR FOUND POSITIONS AS PUBLISHED ON THIS SURVEY.

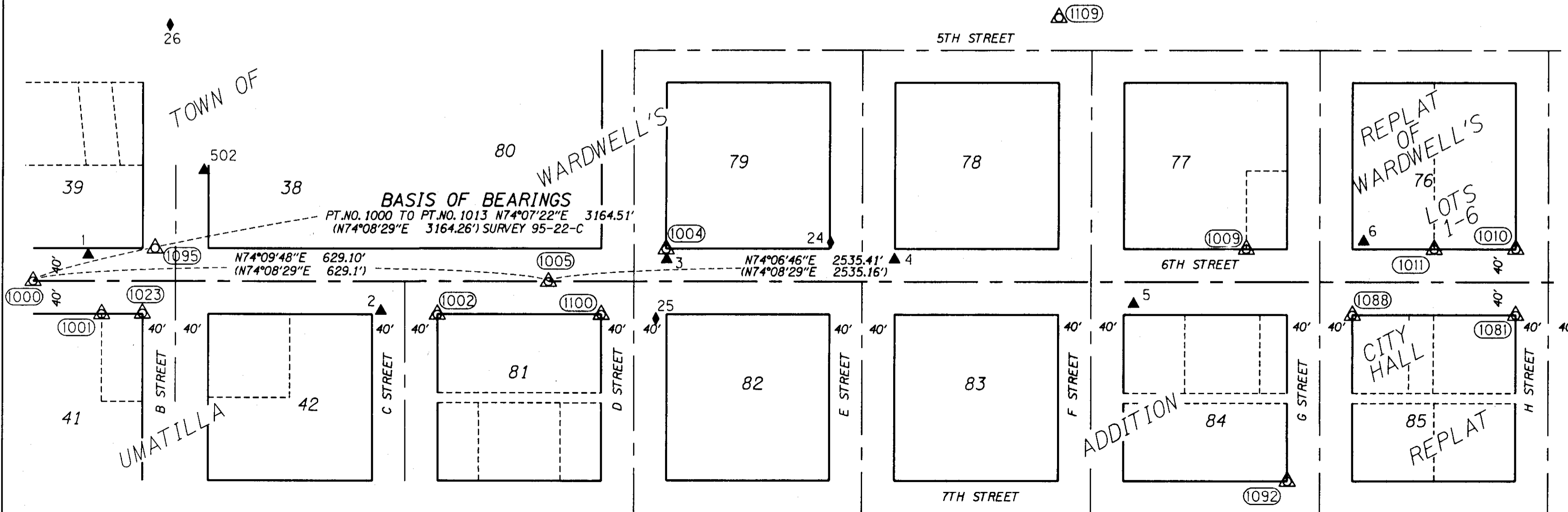
NOTES:

POINTS 501 & 502 WERE OBSERVED WITH GPS AND DERIVED FROM OPUS. THE COORDINATES WERE THEN SCALED TO GROUND BY A FACTOR OF 1.000031391 AND TRANSLATED TO THE GRID COORDINATES OF 502.

BEARINGS SHOWN ARE GRID BEARINGS. DISTANCES AND COORDINATES OF OTHER POINTS ARE BASED ON GROUND MEASUREMENTS.

LEGEND

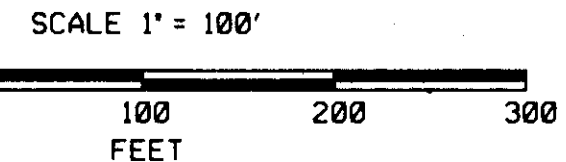
- ▲ FOUND MONUMENT
- ▲ SET NETWORK POINT
- ◆ SET STRATEGIC POINT
- ( ) RECORD DATA PER COUNTY SURVEY 95-22-C
- EXISTING RIGHT-OF-WAY
- - - PROPERTY LINE
- - - MAIN CENTERLINE
- - - MINOR CENTERLINE
- \*\*\* MONUMENT POINT NUMBER



REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

*Jeffrey A. Madson*  
OREGON  
JUNE 16, 2008  
JEFFREY A. MADSEN  
80000LS  
EXPIRES: 12/31/14  
Signed: 3/3/14

RECEIVED BY  
Umatilla County Surveyor  
Date: 3/11/14  
Rec'd By: *G. Hensley*  
No.: 14-023-B



ANDERSON-PERRY & ASSOCIATES  
1901 N. FIR ST., LA GRANDE, OR., 97850

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UMATILLA COUNTY

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700 6TH STREET  
UMATILLA, OR. 97882

MARCH 2014  
SCALE: 1"=100'  
SHEET 2 OF 4

S. 1/2 OF N.W. 1/4 & S.W. 1/4 OF NE 1/4  
& S.E. OF SEC. 17,  
& S.E. 1/4 OF N.E. 1/4 OF SEC 18  
T.5N, R. 28E, W.M.

**anderson  
perry**  
& associates, inc.

**ODOT**  
REGION 5

LEGEND			
△	FOUND MONUMENT	—	EXISTING RIGHT-OF-WAY
▲	SET NETWORK POINT	- - - -	PROPERTY LINE
◆	SET STRATEGIC POINT	- - - -	MAIN CENTERLINE
( )	RECORD DATA PER COUNTY SURVEY 95-22-C	- - - -	MINOR CENTERLINE
		***	MONUMENT POINT NUMBER

RECOVERED MONUMENT LIST

PT. NO.	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION & REFERENCES
1010	822701.96	8496343.56	12/5/13	FOUND 5/8" REBAR WITH YELLOW PLASTIC CAP 'EDWARDS 951'
1012	822851.40	8496843.60	12/6/13	FOUND 3 1/2" BRASS CAP IN CONCRETE WALL 'BM F640 1968 USGS'
1013	823032.97	8497654.01	12/10/13	FOUND 3" BRASS CAP IN MON BOX, MARKINGS ILLEGIBLE; MOS 95-22-C
1051	823080.79	8497677.75	1/22/14	FOUND 1/2" IRON PIPE; MOS J-16-A; 13-039-AX
1052	823057.22	8497828.41	1/22/14	FOUND 3" BRASS CAP IN MON BOX 'OREGON DOT 244+11.18 PT'
1053	823057.62	8497740.71	1/22/14	FOUND 5/8" REBAR (NO CAP)
1081	822624.63	8496365.57	2/5/14	FOUND NAIL FLUSH IN SIDEWALK
1124	822799.90	8496689.73	2/6/14	FOUND 5/8" REBAR (NO CAP); MOS Q-1095-AX

SET CONTROL POINT

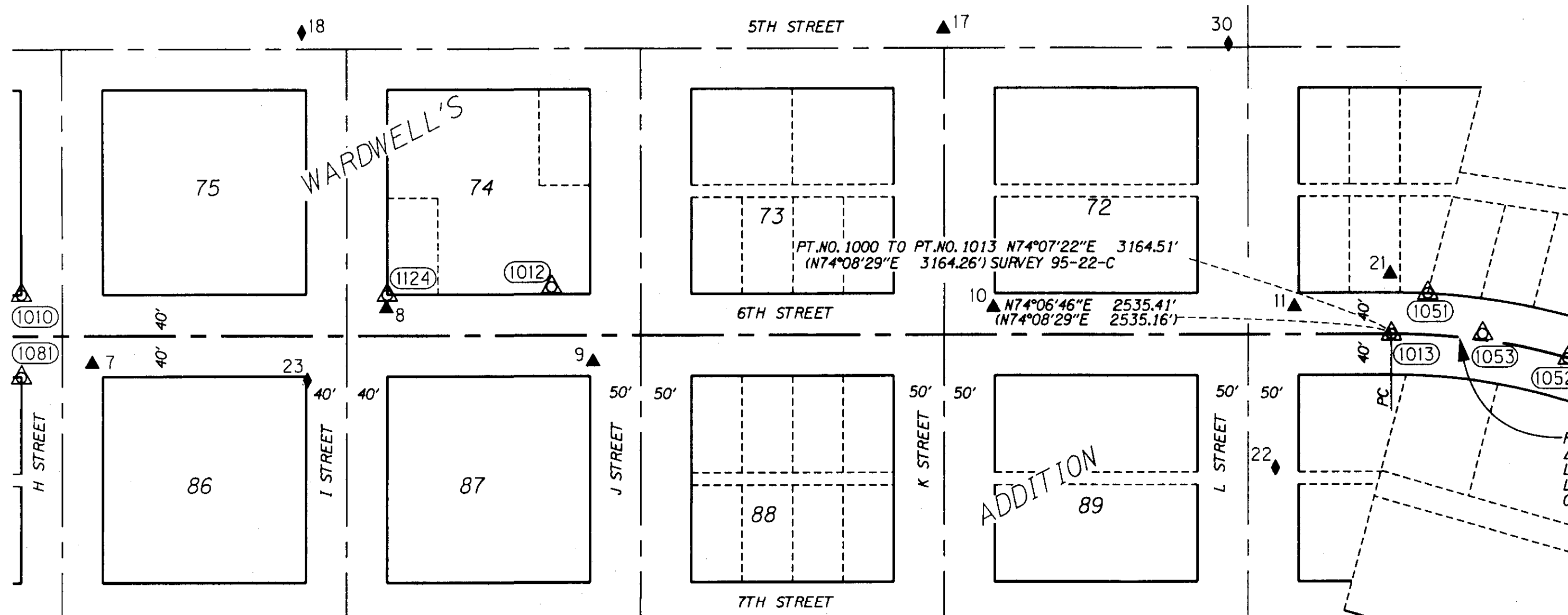
PT. NO.	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION
7	822656.04	8496428.76	11/11/13	APA_MAG
8	822786.97	8496692.44	11/26/13	APA_MAG
9	822792.09	8496902.81	11/26/13	APA_MAG
10	822950.80	8497268.91	11/26/13	APA_MAG
11	823032.46	8497554.53	11/26/13	APA_MAG
17	823198.93	8497147.33	11/26/13	APA_H+MAG
18	823023.45	8496538.80	11/26/13	APA_H+MAG
21	823088.61	8497636.91	1/15/14	APA_H+MAG
22	822876.72	8497579.42	1/15/14	APA_MAG
23	822698.30	8496636.73	1/15/14	APA_MAG

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

*Jeffrey A. Madsen*

OREGON  
JUNE 16, 2008  
JEFFREY A. MADSEN  
60000LS

EXPIRES: 12/31/14  
SIGNATURE: 3/3/14



RECEIVED BY  
Umatilla County Surveyor  
Date: 3/11/14  
Rec'd By: *C. Hendley*  
No.: 14-023-B

R=636.62'  
Δ=15°53'58"  
L=176.66  
LC=176.09  
CH BEARING=N82°04'21"E



SCALE 1" = 100'



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MARCH 2014  
SCALE: 1"=100'  
SHEET 3 OF 4

S. 1/2 OF N.W. 1/4 & S.W. 1/4 OF NE 1/4  
& S.E. OF SEC. 17,  
& S.E. 1/4 OF N.E. 1/4 OF SEC 18  
T.5N, R. 28E, W.M.

**ap** anderson  
perry  
& associates, inc.

**π** ODOT  
REGION 5

LEGEND			
△	FOUND MONUMENT	———	EXISTING RIGHT-OF-WAY
▲	SET NETWORK POINT	- - - - -	PROPERTY LINE
◆	SET STRATEGIC POINT	- - - - -	MAIN CENTERLINE
( )	RECORD DATA PER COUNTY SURVEY 95-22-C	- - - - -	MINOR CENTERLINE
		(***)	MONUMENT POINT NUMBER

RECOVERED MONUMENT LIST

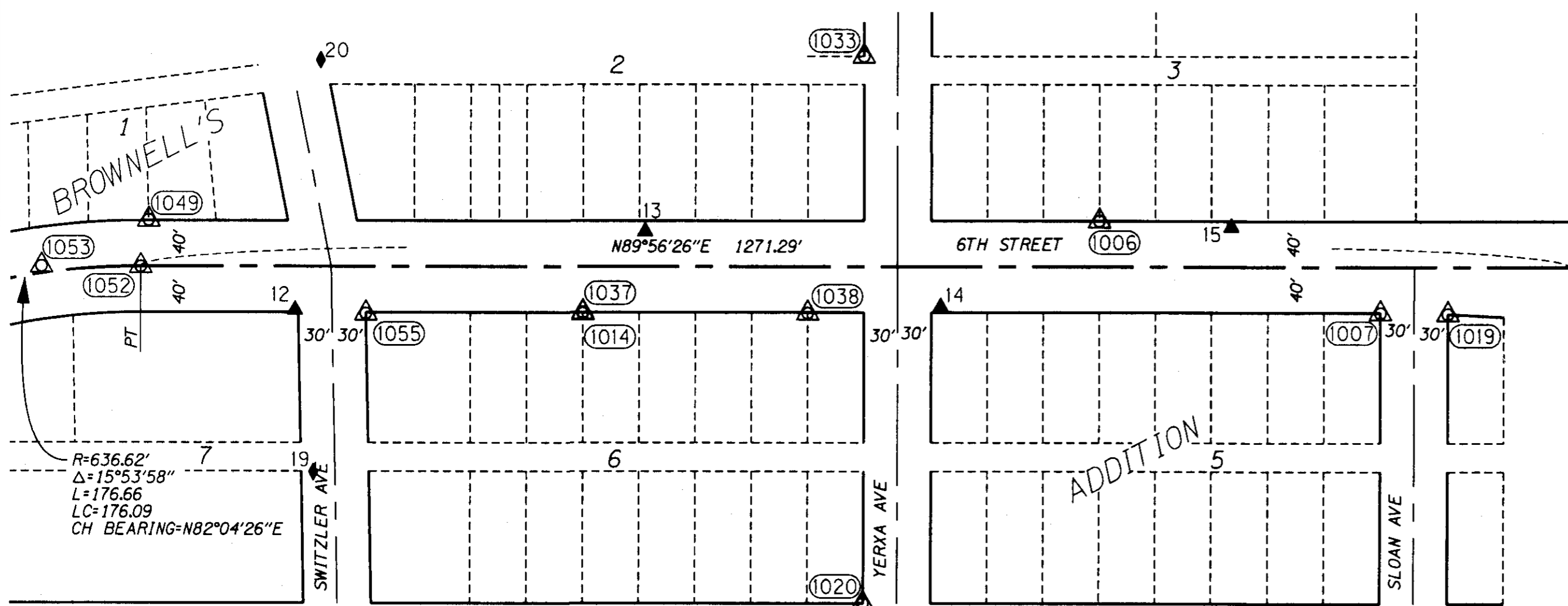
PT. NO.	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION & REFERENCES
1006	823096.99	8498681.23	11/26/13	FOUND 1/2" REBAR W/YELLOW PLASTIC CAP "EDWARDS LS951"; MOS 93-100-B
1007	823016.65	8498931.55	11/26/13	FOUND 1/2" REBAR W/YELLOW PLASTIC CAP "EDWARDS LS951"; MOS 98-207-A
1014	823016.47	8498221.11	12/12/13	FOUND 5/8" REBAR W/YELLOW PLASTIC CAP "EDWARDS"; MOS Q-919-B
1019	823015.77	8498991.55	1/10/14	FOUND 1/2" REBAR W/YELLOW PLASTIC CAP, ILLEGIBLE; MOS 98-207-A; 92-125-A
1020	822761.78	8498471.00	1/10/14	FOUND 1/2" IRON PIPE
1033	823242.05	8498471.20	1/21/14	FOUND 3/4" IRON PIPE; MOS 93-100-B
1037	823017.31	8498221.22	1/21/14	FOUND 5/8" REBAR W/YELLOW PLASTIC CAP, ILLEGIBLE; MOS Q-919-B; S-126-AX
1038	823016.46	8498421.30	1/21/14	FOUND 1/2" REBAR (NO CAP); MOS Q-919-B; S-126-AX
1049	823097.97	8497835.42	1/22/14	FOUND 1" IRON PIPE
1052	823057.22	8497828.41	1/22/14	FOUND 3" BRASS CAP IN MON BOX "OREGON DOT 244+11.18 PT"; MOS 95-22-C
1053	823057.62	8497740.71	1/22/14	FOUND 5/8" REBAR (NO CAP)
1055	823016.37	8498028.32	1/22/14	FOUND 5/8" REBAR W/YELLOW PLASTIC CAP "EDWARDS 951"; MOS S-126-AX

SET CONTROL POINT

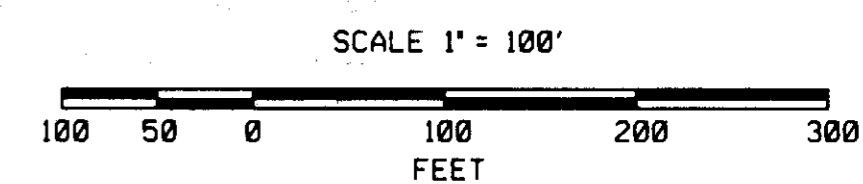
PT. NO.	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION
12	823019.18	8497965.44	APA_MAG	APA_MAG
13	823087.84	8498276.53	APA_MAG	APA_MAG
14	823021.95	8498539.67	APA_MAG	APA_MAG
15	823091.64	8498799.14	APA_MAG	APA_MAG
19	822876.12	8497981.80	1/15/14	APA_MAG
20	823238.51	8497987.82	1/15/14	APA_MAG

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

*Jeffrey A. Madsen*  
OREGON  
JUNE 16, 2008  
JEFFREY A. MADSEN  
60000LS  
EXPIRES: 12/31/14  
SIGNATURE: 3/3/14



RECEIVED BY  
Umatilla County Surveyor  
Date: 3/11/14  
Rec'd By: *Gilensky*  
No.: 14-023-B



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SHEET 4 OF 4

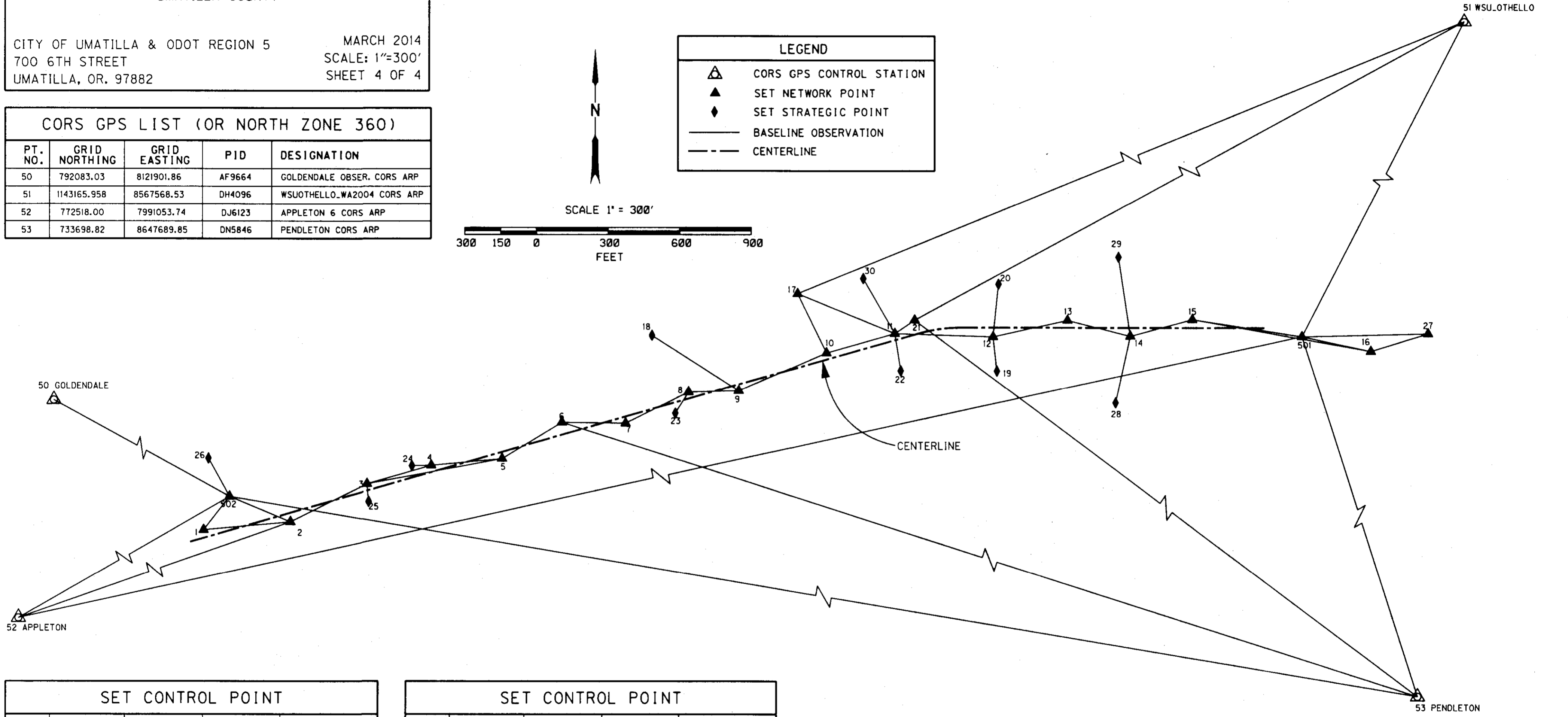
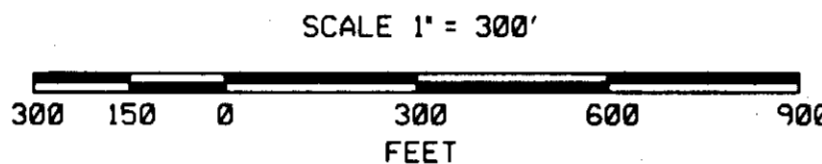
S. 1/2 OF N.W. 1/4 & S.W. 1/4 OF NE 1/4  
& S.E. OF SEC. 17,  
& S.E. 1/4 OF N.E. 1/4 OF SEC 18  
T.5N, R. 28E, W.M.



CORS GPS LIST (OR NORTH ZONE 360)

PT. NO.	GRID NORTHING	GRID EASTING	PID	DESIGNATION
50	792083.03	8121901.86	AF9664	GOLDENDALE OBSER. CORS ARP
51	1143165.958	8567568.53	DH4096	WSUOTHELLO_WA2004 CORS ARP
52	772518.00	7991053.74	DJ6123	APPLETON 6 CORS ARP
53	733698.82	8647689.85	DN5846	PENDLETON CORS ARP

LEGEND	
	CORS GPS CONTROL STATION
	SET NETWORK POINT
	SET STRATEGIC POINT
	BASELINE OBSERVATION
	CENTERLINE



SET CONTROL POINT				
PT. NO.	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION
1	822216.04	8494665.69	11/11/13	APA_MAG
2	822248.70	8495028.14	11/11/13	APA_MAG
3	822404.76	8495347.23	11/11/13	APA_MAG
4	822481.47	8495615.99	11/11/13	APA_MAG
5	822509.45	8495911.92	11/11/13	APA_MAG
6	822659.89	8496161.84	11/11/13	APA_MAG
7	822656.04	8496428.76	11/11/13	APA_MAG
8	822786.97	8496692.44	11/26/13	APA_MAG
9	822792.09	8496902.81	11/26/13	APA_MAG
10	822950.80	8497268.91	11/26/13	APA_MAG
11	823032.46	8497554.53	11/26/13	APA_MAG
12	823019.18	8497965.44	11/26/13	APA_MAG
13	823087.84	8498276.53	11/26/13	APA_MAG
14	823021.95	8498539.67	11/26/13	APA_MAG
15	823091.64	8498799.14	11/26/13	APA_MAG
16	822959.10	8499546.34	11/26/13	APA_MAG

SET CONTROL POINT				
PT. NO.	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION
17	823198.93	8497147.33	11/26/13	APA_H+MAG
18	823023.45	8496538.80	11/26/13	APA_H+MAG
19	822876.12	8497981.80	1/15/14	APA_MAG
20	823238.51	8497987.82	1/15/14	APA_MAG
21	823088.61	8497636.91	1/15/14	APA_H+MAG
22	822876.72	8497579.42	1/15/14	APA_MAG
23	822698.30	8496636.73	1/15/14	APA_MAG
24	822479.67	8495534.75	1/15/14	APA_H+MAG
25	822331.86	8495354.19	1/15/14	APA_H+MAG
26	822511.15	8494684.88	1/15/14	APA_RPC
27	823033.25	8499785.67	1/21/14	APA_H+MAG
28	822742.87	8498478.67	1/21/14	APA_MAG
29	823351.69	8498489.54	1/21/14	APA_NL SPIKE
30	823261.58	8497422.13	1/22/14	APA_MAG
501	823020.67	8499257.86	11/07/13	APA_RPC
502	822352.67	8494773.47	11/07/13	APA_RPC

**NOTES:**  
ALTHOUGH ALL CONTROL POINTS SET WERE ADDITIONALLY TIED WITH THE ORGN(CORS), VECTORS WERE OMITTED FOR CLARITY AND THOSE POINTS MEASURED CONVENTIONALLY WITH SETS OF ANGLES FROM A SINGLE CONTROL POINT WERE LISTED AS STRATEGIC POINTS INSTEAD OF NETWORK POINTS.  
COORDINATES FOR CORS GPS POINTS ARE GRID COORDINATES

REGISTERED PROFESSIONAL LAND SURVEYOR  
*Jeffrey A. Madsen*  
OREGON JUNE 16, 2008  
JEFFREY A. MADSEN  
60000LS

RECEIVED BY  
Umatilla County Surveyor  
Date: 3/11/14  
Rec'd By: G. Nersisyan  
No.: 14-023-B

EXPIRES: 12/31/14  
SIGNATURE: 3/12/14

Umatilla County  
Received: 4/18/2017



STATE OF OREGON  
UMATILLA COUNTY

**SURVEY MAP AFFIDAVIT OF CORRECTION**

Pursuant to ORS 209.255, I, Jeffrey A. Madsen, P.L.S. No 60000LS being duly sworn, depose and say that I am the surveyor who performed the survey and prepared the map of survey recorded by the Umatilla County Surveyor as County Survey #14-023-B, and that the following correction needs to be made:

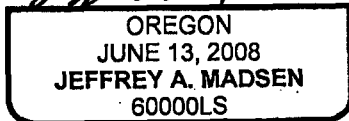
The following correction to said survey is necessary and is as follows:

Change the course of the centerline beginning at the Point of Tangency(PT) which presently reads N89°56'26"E to read S89°58'40"E

By the signature below, I, Jeffrey A. Madsen, do hereby certify that the change to the Umatilla County Survey Map #14-023-B has been made in accordance with ORS 209.255.



Jeffrey A. Madsen  
Anderson Perry and Associates, Inc.  
1901 N. Fir Street  
La Grande, Oregon 97850  
1-541-963-8309

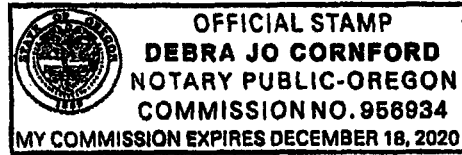


EXPIRES: 12/31/18

STATE OF OREGON )  
 ) ss  
COUNTY OF UNION )

On this 13 day of April, 2017, before me personally appeared Jeffrey A. Madsen, personally known to me and/or whose identity was proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and I acknowledged that he executed it.

Debra Jo Cornford  
Notary Public for the State of Oregon



By the signature below, I, David Krumbein, Umatilla County Surveyor, certify that the change made to the Umatilla County Survey Map #14-023-B is consistent with ORS 209.255

David Krumbein  
David Krumbein, Umatilla County Surveyor

State of Oregon  
County of Umatilla



Instrument received  
and recorded on  
4/18/2017 4:40:54 PM

In the record of instrument  
code type DE-AFF

Instrument number 2017-8570078  
Fee \$59.00

Office of County Records

*Steve Churchill*

Records Officer  
1062535 P2