

FOUND MONUMENT TABLE

Point #	Northing	Easting	Station/Offset	Description & Reference
240	608941.32	8825523.49	OUTSIDE OF ALIGNMENT	FND 2 1/2" BRASS CAP IN MON BOX PER UNION COUNTY MONUMENTATION RECORD 005-2009R
266	611070.00	8825424.21	8+46.65 29.27R	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; CS 043-2013
269	611302.79	8825269.95	5+67.20 39.00L	FND 5/8" IR NO CAP; CS 05-84
270	611312.34	8825133.44	4+52.55 35.72R	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; CS 018-2013
271	611425.07	8824998.37	2+78.00 27.43R	FND "X" IN CONCRETE; PP 1995-07
272	611452.69	8824964.99	2+42.08 32.63R	FND 5/8" IR W/YELLOW PLASTIC CAP - ILLEGIBLE; PP 1995-07
273	611523.25	8825005.38	1+98.34 37.15L	FND 5/8" IR W/YELLOW PLASTIC CAP - ILLEGIBLE; CS 043-2013
274	611559.02	8825009.37	1+50.12 47.91L	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; CS 043-2013
275	611564.20	8825015.94	1+42.28 54.48L	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; CS 043-2013
276	611563.07	8824957.69	1+44.80 3.74R	FND 5/8" IR NO CAP; CS 05-84
277	611647.11	8824799.16	OUTSIDE OF ALIGNMENT	FND 2" BRASS CAP, NO MARKINGS, CS 013-1988
278	611598.56	8825459.34	OUTSIDE OF ALIGNMENT	FND 3" BRASS CAP IN MON BOX PER UNION COUNTY MONUMENTATION RECORD 28-85R
280	611136.61	8825500.47	8+28.56 70.16L	FND 5/8" IR W/YELLOW PLASTIC CAP "BGA SURVEY MARKER"; CS 004-1992

SURVEY NARRATIVE

THIS SURVEY WAS PREPARED AT THE REQUEST OF THE CITY OF LA GRANDE PUBLIC WORKS IN COOPERATION WITH THE OREGON DEPARTMENT OF TRANSPORTATION (ODOT) IN ACCORDANCE WITH ORS 209.150 WHICH REQUIRES ANY PERSON OR PUBLIC AGENCY REMOVING, DISTURBING OR DESTROYING A MONUMENT OF RECORD, TO PERPETUATE OR REPLACE SAID MONUMENT.

THE CITY OF LA GRANDE PLANS TO RECONSTRUCT AND IMPROVE 20TH STREET. THIS SURVEY DOCUMENTS THE LOCATION AND CHARACTER OF 36 MONUMENTS WHICH WERE FOUND IN THE COURSE OF SURVEYING FOR THE DESIGN AND CONSTRUCTION OF THIS PROJECT.

A CONTROL SURVEY WAS CONDUCTED BY ANDERSON PERRY AND ASSOCIATES USING TOPCON GR3 RECEIVERS IN STATIC MODE WITH A HORIZONTAL ACCURACY OF 3MM + 0.5 PPM AND VERTICAL ACCURACY OF 5MM + 0.5PPM AND TOPCON HIPER II RECEIVERS IN STATIC MODE WITH A HORIZONTAL ACCURACY OF 3MM + 0.5 PPM AND VERTICAL ACCURACY OF 5MM + 0.5PPM. THE ON-LINE POSITIONING USER SERVICE (OPUS) WAS USED TO DERIVE POSITIONS FOR THESE CONTROL POINTS AND SAID POINTS WERE VERIFIED USING THE OREGON GPS REFERENCE NETWORK (ORGN). IN ADDITION, A MONUMENT RECOVERY SURVEY WAS COMPLETED USING A TRIMBLE 56 ROBOTIC TOTAL STATION WITH A STANDARD DEVIATION OF 0"00'03" IN ANGULAR ERROR, AND 0.01 FT+3PPM IN DISTANCE. THE LOCATION OF THE MONUMENTS LISTED IN THIS SURVEY WERE VERIFIED WITH REDUNDANT MEASUREMENTS AS AN INDEPENDENT CHECK ON SAID LOCATIONS.

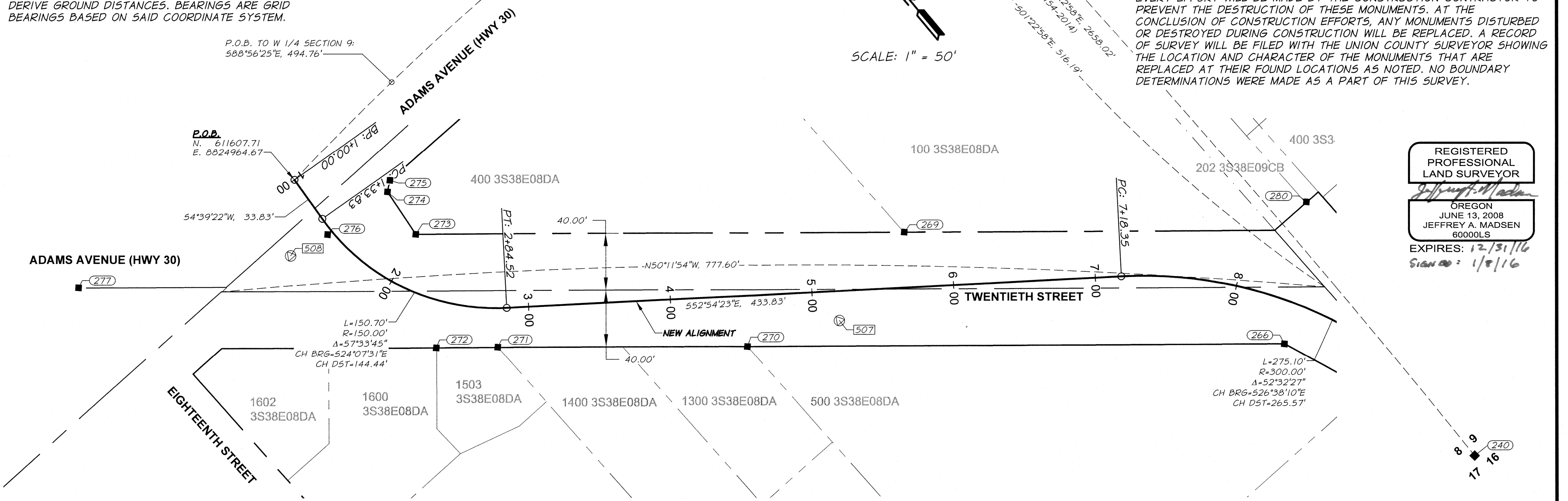
EVERY EFFORT WILL BE MADE BY THE CONSTRUCTION CONTRACTOR TO PREVENT THE DESTRUCTION OF THESE MONUMENTS. AT THE CONCLUSION OF CONSTRUCTION EFFORTS, ANY MONUMENTS DISTURBED OR DESTROYED DURING CONSTRUCTION WILL BE REPLACED. A RECORD OF SURVEY WILL BE FILED WITH THE UNION COUNTY SURVEYOR SHOWING THE LOCATION AND CHARACTER OF THE MONUMENTS THAT ARE REPLACED AT THEIR FOUND LOCATIONS AS NOTED. NO BOUNDARY DETERMINATIONS WERE MADE AS A PART OF THIS SURVEY.

BASIS OF BEARINGS

THE WEST 1/4 CORNER OF SECTION 9 TO THE SOUTHWEST CORNER OF SECTION 9 BASED ON THE OREGON STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD83(2011), WITH A SCALE FACTOR OF 1.000231113 APPLIED AT APA CONTROL #501 TO DERIVE GROUND DISTANCES. BEARINGS ARE GRID BEARINGS BASED ON SAID COORDINATE SYSTEM.

SET CONTROL TABLE

Point #	Northing	Easting	Elevation	Description	Station/Offset
507	611284.53	8825194.86	2760.19	APA_NAILSPK	5+18.31 20.86R
508	611568.30	8824928.09	2762.64	APA_MAG	1+40.72 33.45R



REGISTERED PROFESSIONAL LAND SURVEYOR
 JEFFREY A. MADSEN
 OREGON
 JUNE 13, 2008
 JEFFREY A. MADSEN
 60000LS
 EXPIRES: 12/31/16
 SIGNATURE: 1/8/16

LEGEND

- INDICATES SET CONTROL POINT AS DESCRIBED IN CONTROL TABLE
- INDICATES CONTROL POINT NUMBER IN TABLE
- INDICATES FOUND MONUMENT AS DESCRIBED IN MONUMENT TABLE
- INDICATES MONUMENT POINT NUMBER IN TABLE
- INDICATES ROAD RIGHT-OF-WAY
- INDICATES PROPERTY LINE
- INDICATES ROAD CENTERLINE

REFERENCES

- STATUTORY QUITCLAIM DEED DOC.# 20152170
- CENTURY ESTATE ADDITION MOUNTAIN PARK ESTATES PP 1994-03
- PP 2000-27
- PP 20040007T
- PP 20060001T
- CS 015-2014
- CS 043-2013
- CS 042-2007
- CS 007-2005
- CS 025-2005
- CS 020-1996
- CS 004-1992
- CS 046-1992
- CS 013-1988
- CS 023-1987
- CS 124-1978
- CS 059-1977
- CS 008-1972
- CS 002-1961
- CS 184

UNION COUNTY SURVEYOR
 Date Received 4/8/16
 Date Filed 4/8/16
 By [Signature]
 File No. 004-2015

MAP OF SURVEY
 MONUMENT RECOVERY AND CONTROL SURVEY
 20TH STREET, LA GRANDE,
 UNION COUNTY OREGON
 IN THE SW 1/4 SECTION 9 & SE 1/4 SECTION 8, T.35., R.38E. W.M.,

CITY OF LA GRANDE PUBLIC WORKS DEPARTMENT
 800 X AVE
 LA GRANDE, OR. 97850

SCALE: 1" = 50'
 DATE: JAN. 6, 2016
 JOB NO. 1309-113

anderson perry & associates, inc.
 ENGINEERING · SURVEYING · MATERIALS TESTING
 LA GRANDE, OR. WALLA WALLA, WA.

SHEET 1/4

SURVEY NUMBER 004-2016

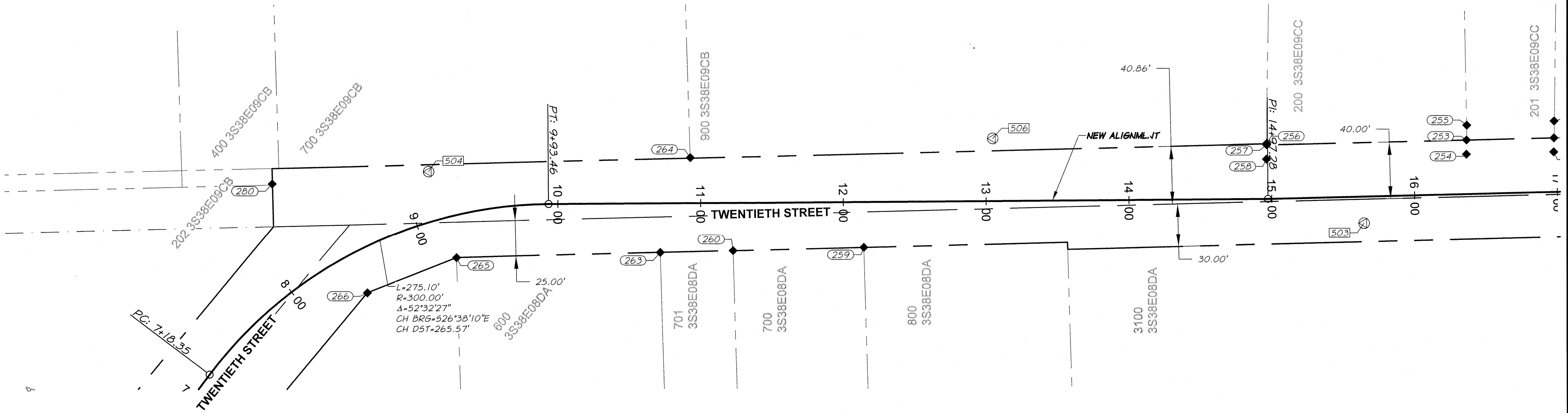
FOUND MONUMENT TABLE

Point #	Northing	Easting	Station/Offset	Description & Reference
250	610239.02	8825543.99	16+98.85 49.84L	FND 5/8" IR NO CAP; CS 008-1972
251	610239.08	8825532.16	16+98.50 38.01L	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; CS 015-2014
252	610239.26	8825522.32	16+98.08 28.18L	FND 5/8" IR NO CAP; CS 020-1996
253	610300.29	8825530.71	16+37.27 38.05L	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; CS 015-2014
254	610300.35	8825520.78	16+36.98 28.13L	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; CS 020-1996
255	610300.10	8825541.10	16+37.72 48.43L	FND 5/8" IR NO CAP; CS 008-1972
256	610440.21	8825528.30	14+96.65 39.02L	FND 1" IRON PIPE; CS 002-1961
257	610440.17	8825527.37	14+96.67 38.10L	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; CS 015-2014
258	610440.30	8825517.36	14+96.49 28.09L	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; CS 015-2014
259	610722.27	8825455.50	12+14.12 31.97R	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; PP 2000-27
260	610813.90	8825453.25	11+22.48 33.64R	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; PP 2000-27
263	610864.93	8825451.96	10+71.45 34.60R	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; PP 2000-27
264	610843.80	8825518.77	10+93.00 32.07L	FND 5/8" IR NO CAP; CS 184
265	611007.62	8825448.56	9+21.05 29.25R	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; CS 007-2005
266	611070.00	8825424.21	8+46.65 29.27R	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; CS 043-2013
280	611136.61	8825500.47	OUTSIDE OF ALIGNMENT	FND 5/8" IR W/YELLOW PLASTIC CAP "BGA SURVEY MARKER"; CS 004-1992

SET CONTROL TABLE

Point #	Northing	Easting	Elevation	Description	Station/Offset
503	610372.01	8825472.15	2756.25	APA_RPC	15+64.16 18.76R
504	611027.08	8825509.11	2759.32	APA_RPC	9+17.44 34.26L
506	610631.98	8825532.19	2758.07	APA_RPC	13+04.90 44.14L

← N
SCALE: 1" = 50'



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SIGNATURE: 1/8/16

UNION COUNTY
SURVEYOR
Date Received: 1/8/16
Date Filed: 1/9/16
By: *Jeffrey A. Madsen*
File No.: 004-2016

MAP OF SURVEY
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20TH STREET, LA GRANDE,
UNION COUNTY OREGON
IN THE SW 1/4 SECTION 9 & SE 1/4 SECTION 8, T.35., R.38E. W.M.,

CITY OF LA GRANDE PUBLIC WORKS DEPARTMENT
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SHEET
2/4

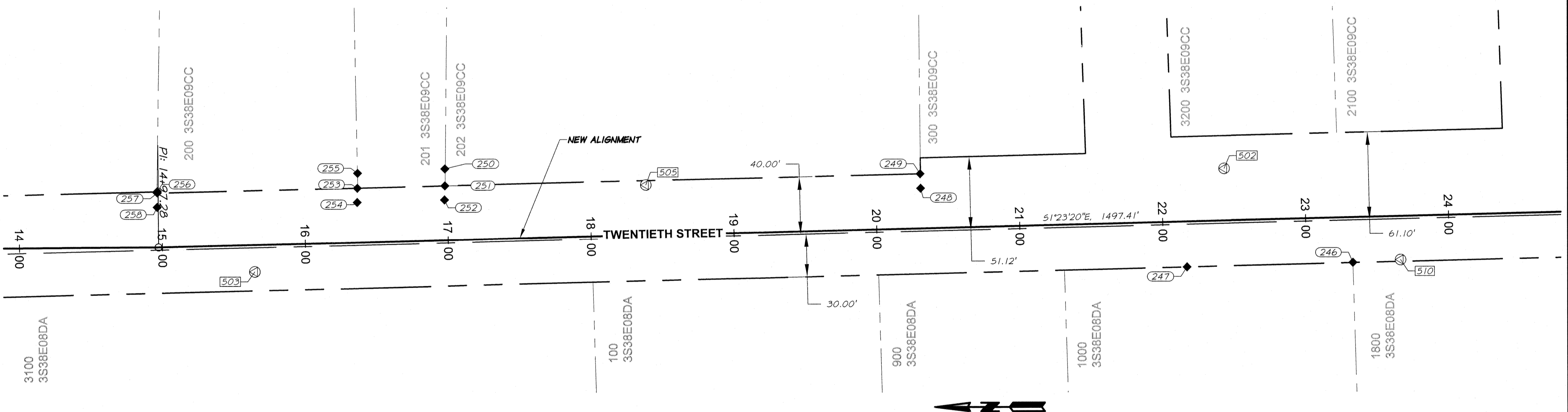
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FOUND MONUMENT TABLE

Point #	Northing	Easting	Station/Offset	Description & Reference
246	609603.81	8825477.60	23+32.26 31.93R	FND 5/8" IR NO CAP; CS 046-1992
247	609719.81	8825474.72	22+16.23 31.99R	FND 5/8" IR NO CAP; PP 1994-03
248	609906.14	8825530.15	20+31.30 27.93L	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; CS 015-2014
249	609906.50	8825540.17	20+31.18 37.96L	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; CS 015-2014
250	610239.02	8825543.99	16+98.85 49.84L	FND 5/8" IR NO CAP; CS 008-1972
251	610239.08	8825532.16	16+98.50 38.01L	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; CS 015-2014
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Point #	Northing	Easting	Elevation	Description	Station/Offset
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503	610372.01	8825472.15	2756.25	APA_RPC	15+64.16 18.76R
505	610098.47	8825532.46	2755.65	APA_H+MAG	18+39.08 34.90L
510	609570.48	8825479.50	2755.40	APA_H+MAG	23+65.63 30.84R



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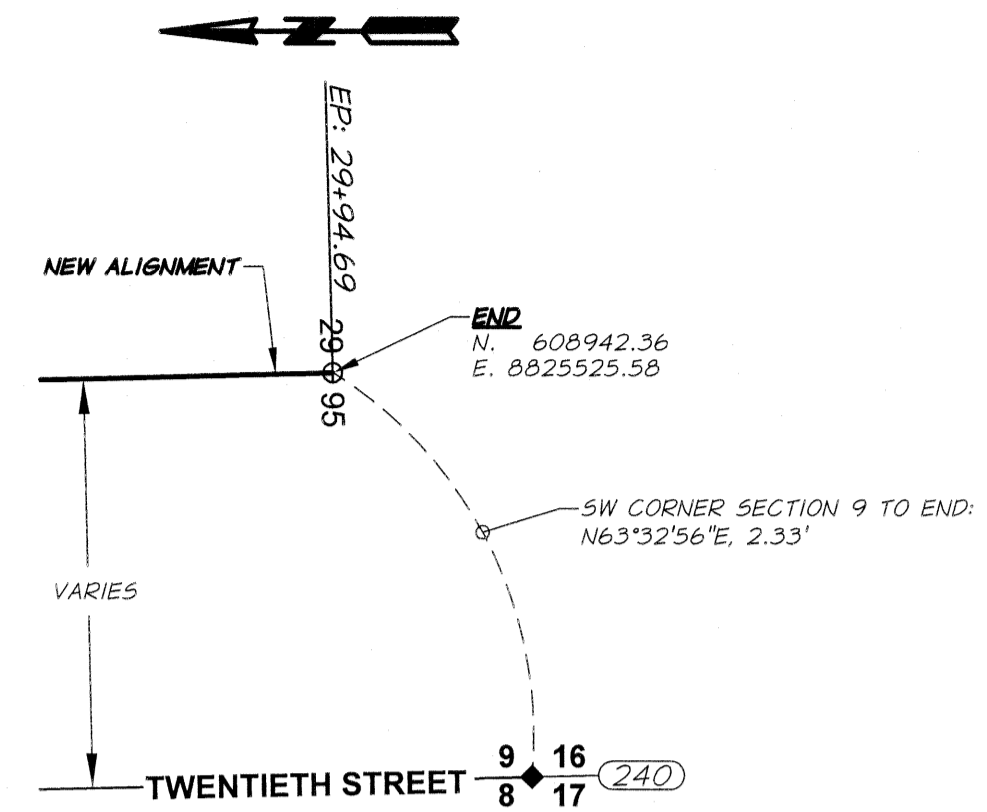
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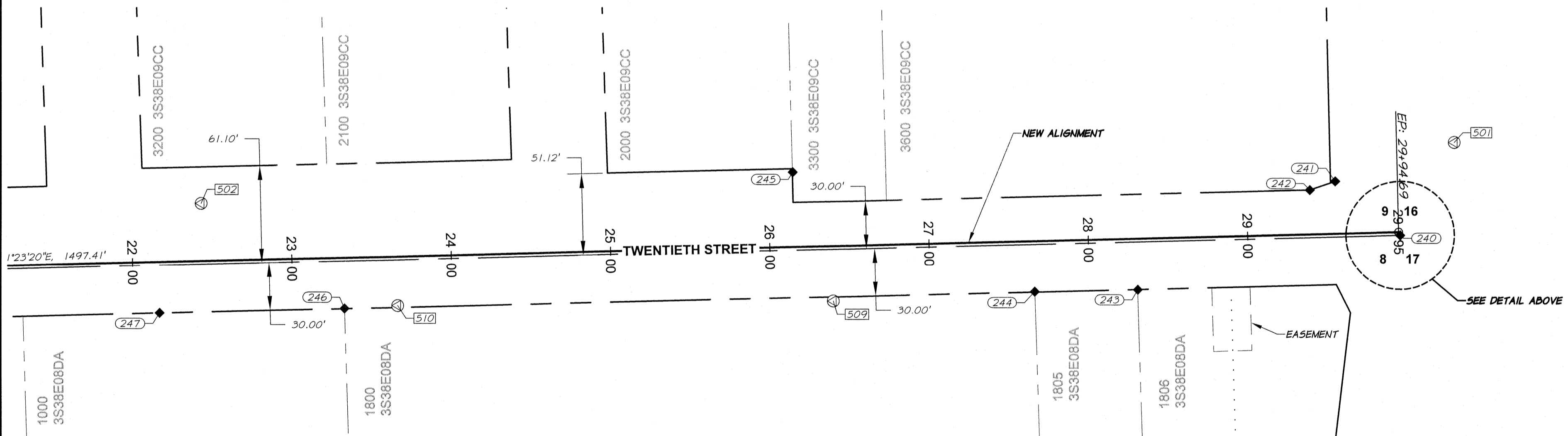
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241	608982.21	8825557.48	29+55.62 32.86L	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; CS 004-2007
242	608998.10	8825552.11	29+39.60 27.87L	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; CS 004-2007
243	609105.95	8825489.34	28+30.26 32.26R	FND 5/8" IR W/YELLOW PLASTIC CAP "BGB SURVEY MARKER"; PP 20060001T
244	609170.59	8825488.19	27+65.61 31.84R	FND 5/8" IR NO CAP; PP 1994-03
245	609322.67	8825563.23	26+15.39 46.87L	FND 5/8" IRON AXLE; CENTURY STATES ADDITION 19660001
246	609603.81	8825477.60	23+32.26 31.93R	FND 5/8" IR NO CAP; CS 046-1992
247	609719.81	8825474.72	22+16.23 31.99R	FND 5/8" IR NO CAP; PP 1994-03
278	611598.56	8825459.34	OUTSIDE OF ALIGNMENT	FND 3" BRASS CAP IN MON BOX PER UNION COUNTY MONUMENTATION RECORD 28-85R

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Point #	Northing	Easting	Elevation	Description	Station/Offset
501	608907.49	8825581.82	2754.90	APA_RPC	OUTSIDE OF ALIGNMENT
502	609693.85	8825543.53	2755.99	APA_RPC	22+43.86 36.17L
509	609297.12	8825482.31	2755.17	APA_H+MAG	26+38.98 34.65R
510	609570.48	8825479.50	2755.40	APA_H+MAG	23+65.63 30.84R



DETAIL
SCALE: 1" = 1'



UNION COUNTY
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