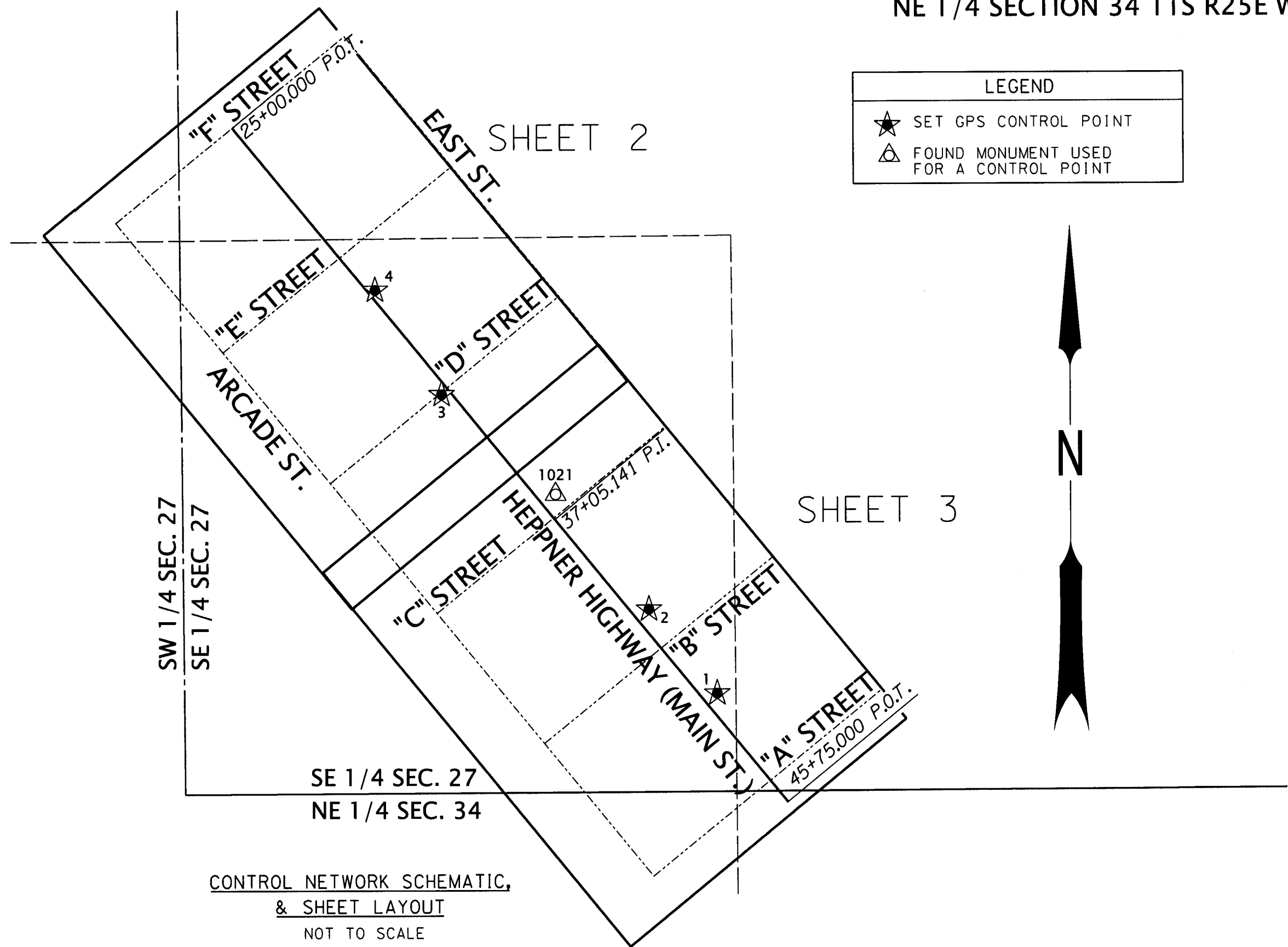


1936

SW 1/4 SECTION 27 T1S R25E WM
SE 1/4 SECTION 27 T1S R25E WM
NE 1/4 SECTION 34 T1S R25E WM



CONTROL NETWORK SCHEMATIC,
& SHEET LAYOUT
NOT TO SCALE

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO RESOLVE THE EXISTING RIGHT OF WAY FOR PORTION OF HEPPNER HIGHWAY (OR74) FROM THE INTERSECTION WITH "F" STREET SOUTHEASTERLY TO THE INTERSECTION WITH "A" STREET IN THE CITY OF LEXINGTON, OREGON.

THIS SURVEY PERPETUATES THOSE SURVEY MONUMENTS WITHIN THE PROJECT LIMITS IN JEOPARDY OF BEING DESTROYED BY A FUTURE CURB RAMP CONSTRUCTION PROJECT. THIS SURVEY MEETS THE REQUIREMENTS FOR A RECOVERY SURVEY AS OUTLINED IN THE OREGON REVISED STATUTES, SECTION 209.155. THIS SURVEY WAS PERFORMED IN INTERNATIONAL FEET UNITS. THIS SURVEY WAS PERFORMED BETWEEN THE MONTHS OF MARCH 2020 AND APRIL 2021. THE SURVEY EQUIPMENT USED CONSISTED OF LEICA GS-14 RECEIVERS, LEICA TS16 TOTAL STATIONS, AND LEICA CS15 AND CS20 SURVEY CONTROLLERS.

THE PORTION OF HEPPNER HIGHWAY (MAIN STREET) FROM THE "A" STREET TO "F" STREET WAS DEDICATED PER THE ORIGINAL TOWN PLAT OF LEXINGTON FILED JUNE 19, 1885 AT A WIDTH OF 90.83 FEET. IN 1973, DONALD STAEBLER MONUMENTED THE CENTER LINE OF "C" STREET BASED UPON THE LOCATION OF SIDEWALKS, FENCES AND BUILDINGS. IN 1980, KRUMBEIN ENGINEERING COMPANY MONUMENTED THE CENTER LINES OF "F" STREET AND "C" STREETS FROM MAIN STREET TO WEST STREET FOR THE CITY OF LEXINGTON. THERE IS AN ERROR IN RECORD DISTANCE OF OVER 9 FEET BETWEEN "A" STREET AND "F" STREET DESCRIBED ON COUNTY SURVEY 2016-1766C BY STEPHEN K. HADDOCK. IF ALL OF THIS ERROR IS PLACED IN THE BLOCKS BETWEEN "A" STREET AND "B" STREET AS STEPHEN HADDOCK SUGGESTS, IT CREATES A SIGNIFICANT BUILDING ENCRoACHMENT AT THE SOUTHWEST AND SOUTHEAST CORNERS OF "C" STREET, THEREFORE THE CENTER LINE MONUMENTS SET BY KRUMBEIN ENGINEERING COMPANY ON "C" STREET WERE ACCEPTED TO DEFINE THE CENTER LINE INTERSECTIONS OF "C" STREET WITH MAIN STREET, ARCADE STREET, AND EAST STREET. BY ACCEPTING THE MONUMENTS ON "C" STREET, APPROXIMATELY HALF OF THE ERROR IS DISTRIBUTED BETWEEN "F" AND "C" STREETS AND THE OTHER HALF IS PLACED BETWEEN "C" AND "A" STREET. AFTER REVIEW OF SURVEYS AND OCCUPATION LINES, I PLACED THE 4.72 FEET OF ERROR WESTERLY OF "C" STREET IN THE BLOCKS BETWEEN "C" STREET AND "D" STREET, AND THE 4.82' OF ERROR EASTERLY OF "C" STREET IN THE BLOCKS BETWEEN "A" AND "B" STREET.

TO RESOLVE THE CENTER LINE OF MAIN STREET, THE CENTER LINE MONUMENT AT THE INTERSECTION OF MAIN STREET WITH "F" STREET WAS HELD, THE CENTER LINE MONUMENT AT THE INTERSECTION OF MAIN WITH "C" STREET WAS HELD, AND RECORD DISTANCE OF 39.417' FROM THE MONUMENT FOUND AT POINT 1014 WAS HELD. STATIONING OF 25+00.00 P.O.T. WAS ESTABLISHED PER THIS SURVEY AT THE MONUMENT FOUND AT THE INTERSECTION OF "F" STREET WITH MAIN STREET. RECORD WIDTHS OF THE SIDE STREETS WERE DETERMINED PER THE PLAT OF LEXINGTON.

NETWORK POINT COORDINATE TABLE

PT ID	NORTHING	EASTING	ELEVATION	DATE	DESCRIPTION
1	196908.001	537692.564	1466.981	6/22/2020	SET 1-1/8" COPPER DISK MARKED "ODOT"
2	197108.372	537531.089	1460.811	6/22/2020	SET 1-1/8" COPPER DISK MARKED "ODOT"
3	197618.425	537040.085	1463.712	6/22/2020	SET 1-1/8" COPPER DISK MARKED "ODOT"
4	197866.895	536882.844	1474.374	6/22/2020	SET 1-1/8" COPPER DISK MARKED "ODOT"
1021	197381.833	537310.221	1450.388	6/22/2020	FOUND 5/8" IRON ROD WITH YPC MARKED "LS2850 COPPOCK"

LEGEND

★

 SET GPS CONTROL POINT

△

 FOUND MONUMENT USED FOR A CONTROL POINT



REFERENCES

1. ORIGINAL TOWN OF LEXINGTON, BOOK 1, PAGE 13, FILED JUNE 19, 1885
2. McALISTERS ADDITION TO LEXINGTON, BOOK 1, PAGE 40, FILED OCT. 23, 1902
3. McALISTERS SECOND ADDITION TO LEXINGTON, BOOK 1, PAGE 47, FILED NOV. 24, 1905
4. FULLERS ADDITION TO LEXINGTON, BOOK 1, PAGE 48, FILED FEB. 17, 1906
5. OREGON STATE HIGHWAY DEPARTMENT DRAWING 3B-11-14, DATED OCT. 1923
6. OREGON STATE HIGHWAY DEPARTMENT DRAWING 6B-21-6, DATED OCT. 1946
7. OREGON STATE HIGHWAY DEPARTMENT DRAWING 7B-6-16, DATED 1950-1951
8. OREGON STATE HIGHWAY DEPARTMENT DRAWING 7B-6-17, DATED 1950-1951
9. COUNTY SURVEY A-066-K (FOLDER 0313) BY DONALD L. STAEBLER, DATED JULY 17, 1973
10. COUNTY SURVEY D-256-K (FOLDER 0605) BY KRUMBEIN ENG. CO., FILED OCT. 15, 1979
11. COUNTY SURVEY D-256-K (FOLDER 0606) BY KRUMBEIN ENG. CO., FILED JULY 10, 1979
12. COUNTY SURVEY D-294-K (FOLDER 0610) BY DAVID H. KRUMBEIN, FILED APR. 25, 1980
13. COUNTY SURVEY D-294-K (FOLDER 0611) BY DAVID H. KRUMBEIN, FILED JUNE 20, 1980
14. COUNTY SURVEY C-431-K (FOLDER 0458) BY DAVID H. KRUMBEIN, FILED JULY 23, 1981
15. OREGON STATE HIGHWAY DIVISION DRAWING 9B-21-10, DATED AUG. 1982
16. COUNTY SURVEY B-631-K (FOLDER 0231) BY EARL D. MING, FILED SEPT. 21, 1983
17. COUNTY SURVEY C-808-K (FOLDER 0522) BY DAVID H. KRUMBEIN, DATED MAR. 24, 1986
18. COUNTY SURVEY C-1294-M (FOLDER 1294) BY KEN W. EDDY, FILED JAN 31, 2001
19. PARTITION PLAT NO. 2002-5 (FOLDER 1348) BY GARY WAGNER, FILED AUG. 30, 2002
20. COUNTY SURVEY C-1377-M (FOLDER 1377) BY JUDSON L. COPPOCK, FILED MAY 2, 2003
21. COUNTY SURVEY C-1392-M (FOLDER 1392) BY JUDSON L. COPPOCK, FILED JAN. 4, 2004
22. COUNTY SURVEY C-1397-M (FOLDER 1397) BY JUDSON L. COPPOCK, FILED JAN. 4, 2004
23. OREGON DEPARTMENT OF TRANSPORTATION DRAWING 1R-04-0989 DATED OCT. 2004
24. PARTITION PLAT NO. 2015-5 (FOLDER 1742) BY WILLIAM R. WELLS, FILED JUNE 18, 2015
25. COUNTY SURVEY 2015-1748C (FOLDER 1748) BY STEPHEN K. HADDOCK, FILED SEPT. 28, 1015
26. COUNTY SURVEY 2016-1766C (FOLDER 1766) BY STEPHEN K. HADDOCK, FILED JULY 5, 2016
27. COUNTY SURVEY 2018-1824C (FOLDER 1824) BY STEPHEN K. HADDOCK, FILED MAR. 19, 2018

CONTROL NARRATIVE

PRIMARY CONTROL WAS BROUGHT INTO THE PROJECT USING THE OREGON REAL TIME GNSS NETWORK (ORGN) TO ESTABLISH HORIZONTAL POSITIONS ON GPS CONTROL STATIONS 1 THROUGH 4, AND POINT 1021 BY INCORPORATING THE AVERAGE OF TWO SEPARATE OBSERVATIONS UNDER DIFFERENT SATELLITE CONSTELLATIONS. THE HORIZONTAL DATUM USED FOR THIS PROJECT IS NAD 83(2011) EPOCH 2010, OREGON COORDINATE REFERENCE SYSTEM (OCRS), NORTH CENTRAL ZONE. THE NORTH CENTRAL ZONE PROJECTION PARAMETERS ARE PUBLISHED IN OREGON ADMINISTRATIVE RULES (OAR) 734-005-015. BASIS OF BEARINGS: MEASURED BEARINGS ARE GRID PER THE PROJECT DATUM.

VERTICAL CONTROL WAS ESTABLISHED BY HOLDING THE PUBLISHED ELEVATION OF 1471.42' FOR NATIONAL GEODETIC SURVEY (NGS) BENCHMARK X86 (PID RB0855), AND RUNNING A CLOSED LEVEL CIRCUIT THROUGH THE CONTROL POINTS SHOWN ON THIS SURVEY. ELEVATIONS ARE ON THE NAVD88 VERTICAL DATUM.

RECEIVED BY
Morrow County Surveyor
Date: 5-10-2021
Rec'd By: MPK
No.: 2021-1936C
Folder No.: 1936

REGISTERED
PROFESSIONAL
LAND SURVEYOR

OREGON
JAN. 14, 2003
BRET N. ELITHORP
63148

EXPIRES: 12-31-2021

OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
LEXINGTON CURB RAMP REPLACEMENT
HEPPNER HIGHWAY (OR74): "A" ST. TO "F" ST.
MORROW COUNTY

ODOT REGION 5 TECH CENTER
3012 ISLAND AVENUE
LA GRANDE, OR 97850

KEY NO. 21494
APRIL 16, 2021
NO SCALE
SHEET 1 OF 3

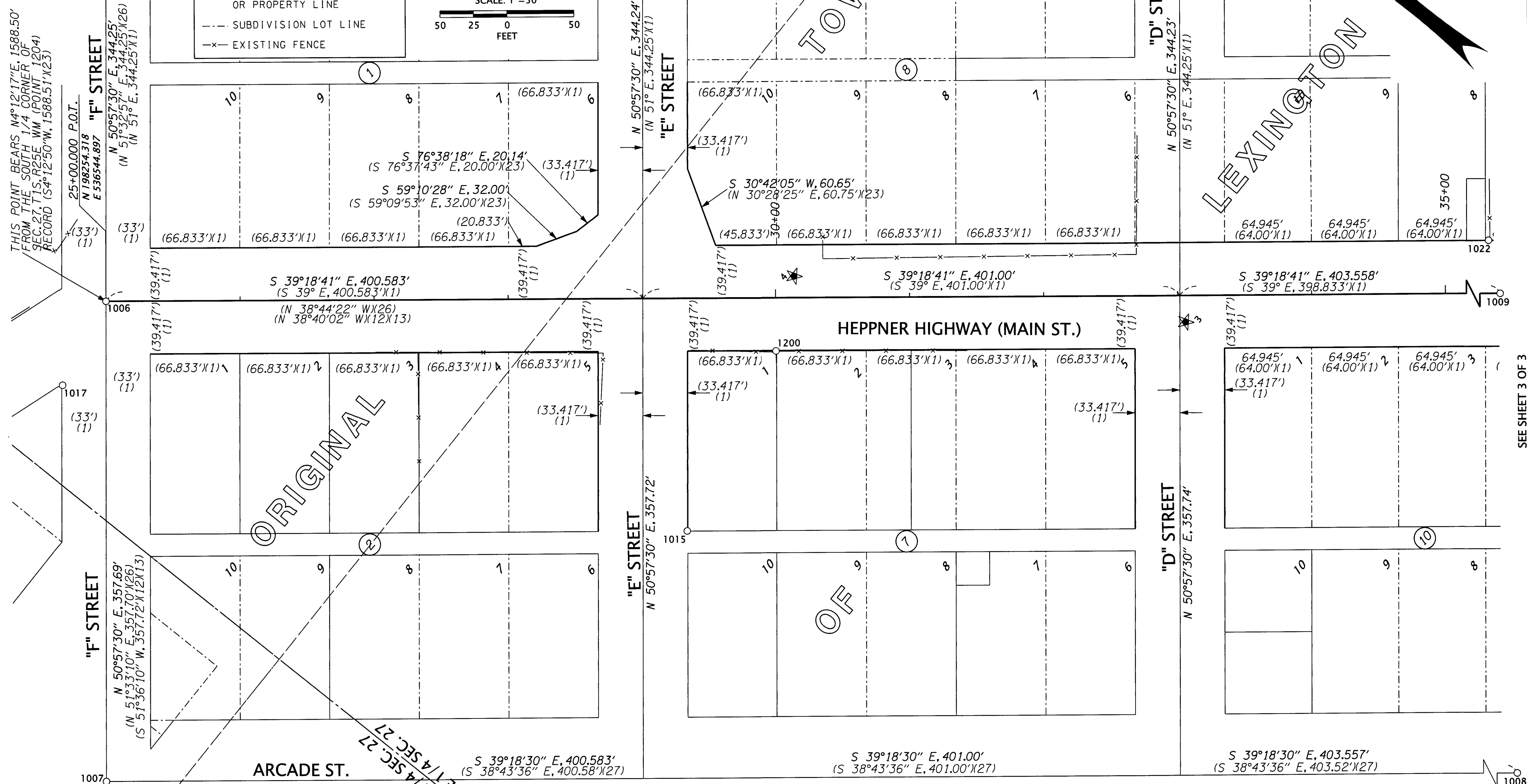
1936

LEGEND	
()	RECORD DATA PER REFERENCE LIST ON SHEET 1
★	SET GPS CONTROL POINT SEE TABLE ON SHEET 1
○	FOUND MONUMENT
—	RESOLVED RIGHT OF WAY
—	EXISTING RIGHT OF WAY OR PROPERTY LINE
---	SUBDIVISION LOT LINE
-x-	EXISTING FENCE

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SCALE: 1"=50'

50 25 0 50
FEET



SEE SHEET 3 OF 3

RECOVERED MONUMENT LIST

PT ID	NORTHING	EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS	FD = FOUND O.D. = OUTSIDE DIAMETER YPC = YELLOW PLASTIC CAP
1006	198254.32	536544.90	25+00.00	0.00' RT	4/30/20	FD 3" BRASS DISK DOWN 0.4' IN MONUMENT WELL, D-294-K	
1007	198029.01	536267.08	N/A	N/A	4/30/20	FD 2-1/4" O.D. IRON PIPE W/ 1-3/4" O.D. THREADED STEEL PIPE PLUG, FLUSH, D-294-K	
1008	197096.54	537030.53	N/A	N/A	4/30/20	FD 1-1/2" ALUMINUM CAP, ILLEGIBLE, D-294-K	
1009	197321.88	537308.40	37+05.14	0.00' RT	4/30/20	FD 3" BRASS DISK, DOWN 0.6' IN WATER VALVE BOX, D-294-K	
1015	197809.56	536684.91	N/A	N/A	4/30/20	FD 5/8" IRON ROD WITH ALUMINUM CAP MARKED "PLS 933", C-808-5	
1017	198240.08	536475.91	N/A	N/A	5/04/20	FD 5/8" IRON ROD WITH ALUMINUM CAP MARKED "KRUMBEIN ENG. PLS 933", UP 0.1', D-294-K	
1022	197480.68	537229.58	35+32.35	39.62' LT	5/04/20	FD 5/8" IRON ROD WITH YPC MARKED "LS 2850 COPPOCK", UP 0.1', C-1392-M	
1200	197842.19	536831.13	30+00.21	39.63' RT	7/27/20	FD 5/8" IRON ROD, C-808-5	

FD = FOUND
O.D. = OUTSIDE DIAMETER
YPC = YELLOW PLASTIC CAP

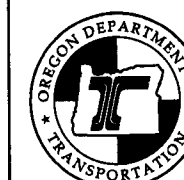
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KEY NO. 21494
APRIL 16, 2021
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SHEET 2 OF 3

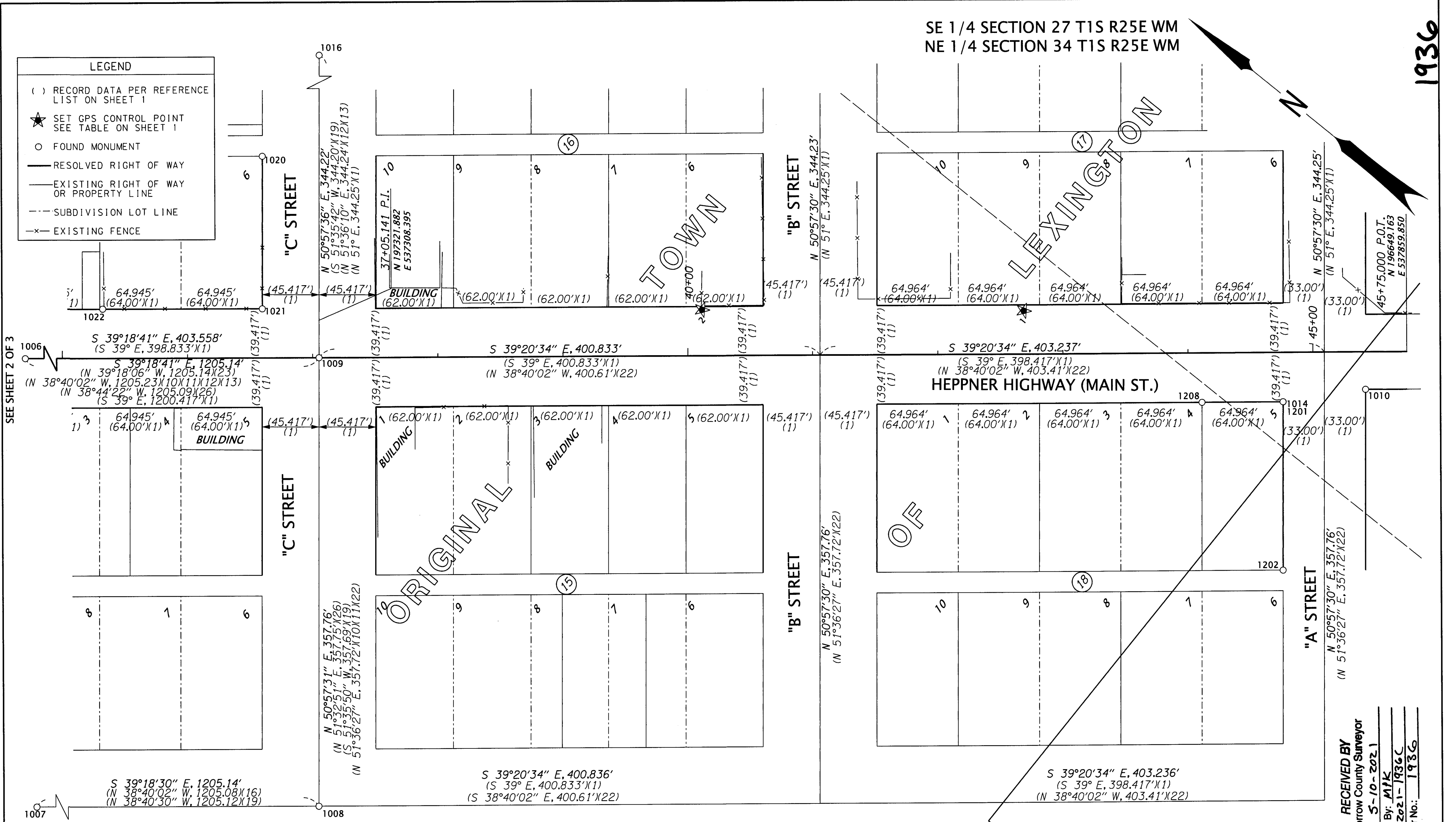
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SE 1/4 SECTION 27 T1S R25E WM
NE 1/4 SECTION 34 T1S R25E WM

LEGEND

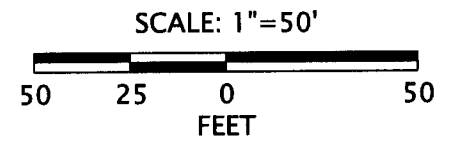
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1007	198029.01	536267.08	N/A	N/A	4/30/20	FD 2-1/4" O.D. IRON PIPE W/1-3/4" O.D. THREADED STEEL PIPE PLUG, FLUSH, D-294-K
1008	197096.54	537030.53	N/A	N/A	4/30/20	FD 1-1/2" ALUMINUM CAP, ILLEGIBLE, D-294-K
1009	197321.88	537308.40	37+05.14	0.00' RT	4/30/20	FD 3" BRASS DISK, DOWN 0.6' IN WATER VALVE BOX, COUNTY SURVEY D-294-K
1010	196655.64	537815.74	45+42.02	30.00' RT	4/30/20	FD 5/8" IRON ROD WITH RPC MARKED "OR 1106 WA 17372, UP 0.1', PARTITION PLAT NO. 2015-5
1014	196700.73	537766.61	44+76.00	39.42' RT	4/30/20	FD 5/8" IRON ROD WITH RPC MARKED "OR 1106 WA 17372", DN 0.3', PARTITION PLAT NO. 2015-5
1016	197538.69	537575.75	N/A	N/A	5/04/20	FD 5/8" IRON ROD WITH ALUMINUM CAP, ILLEGIBLE, FLUSH, D-294-K
1020	197458.50	537404.67	N/A	N/A	5/04/20	FD 5/8" IRON ROD WITH YPC MARKED "LS 2850 COPPOCK", DOWN 0.1', C-1392-M
1021	197381.83	537310.22	36+59.91	39.39' LT	5/04/20	FD 5/8" IRON ROD WITH YPC MARKED "LS 2850 COPPOCK", FLUSH, C-1392-M
1022	197480.68	537229.58	35+32.35	39.62' LT	5/04/20	FD 5/8" IRON ROD WITH YPC MARKED "LS 2850 COPPOCK", UP 0.1', C-1392-M
1201	196700.83	537766.57	44+75.91	39.39' RT	4/07/21	FD 3/8" IRON ROD BENT BADLY EAST, DOWN 0.1', ORIGIN UNKNOWN
1202	196616.11	537662.23	N/A	N/A	4/07/21	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP MARKED "KENNY LS 89374", FLUSH, NOT YET RECORDED
1204	196670.09	536428.43	N/A	N/A	4/07/21	FD 2-1/2" BRASS CAP ON 2" OUTSIDE DIAMETER IRON PIPE, UP 0.2', CAP MARKED AS SHOWN
1208	196750.99	537725.43	44+11.03	39.40' RT	4/08/21	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP MARKED "KENNY LS 89374", FLUSH, NOT YET RECORDED

T1S R25E
1/4 S 27 S 34
PLS 933
1979



REGISTERED PROFESSIONAL LAND SURVEYOR

Bec
OREGON
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