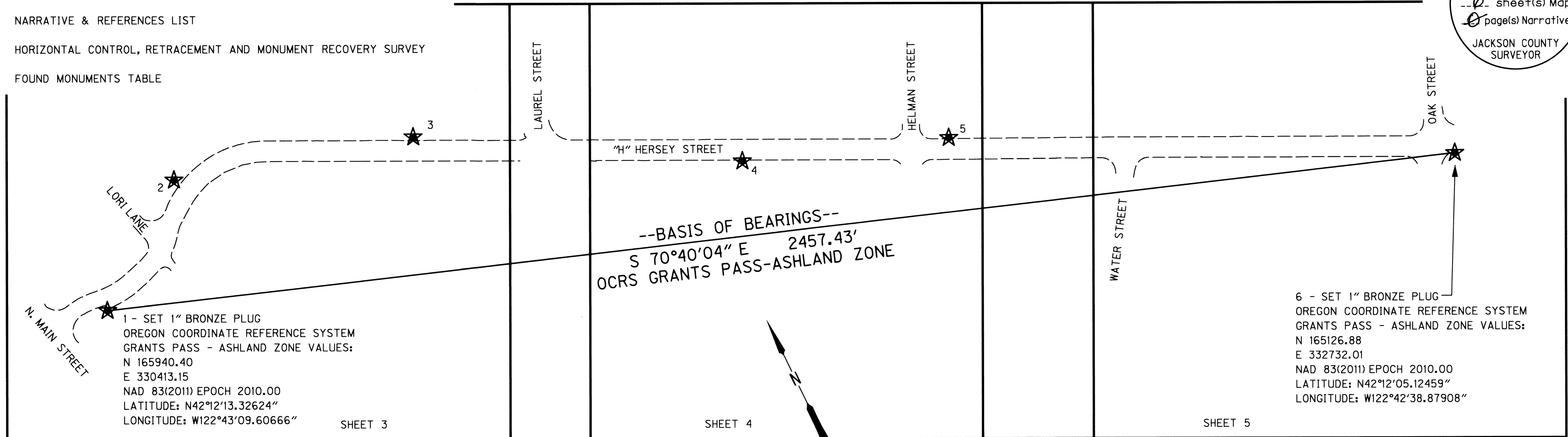


SE 1/4 SEC 5 T39S R1E WM  
SW 1/4 SEC 4 T39S R1E WM

**\*\* FILED \*\***  
DATE 3/24/16 BY RB  
This survey consists of:  
- 6 sheet(s) Map  
- 0 page(s) Narrative  
JACKSON COUNTY  
SURVEYOR

**SHEET INDEX**

1. CONTROL NARRATIVE, NETWORK SCHEMATIC, CONTROL POINT TABLE, BASIS OF BEARINGS & COORDINATE SYSTEM DETAILS
2. NARRATIVE & REFERENCES LIST
- 3-5. HORIZONTAL CONTROL, RETRACEMENT AND MONUMENT RECOVERY SURVEY
6. FOUND MONUMENTS TABLE



**CONTROL NETWORK SCHEMATIC & BASIS OF BEARING**  
NOT TO SCALE

**CONTROL NARRATIVE**

PROJECT: HERSEY STREET SIDEWALKS  
LOCATION: CITY OF ASHLAND, OREGON  
OBEC PROJECT: 0019-0402.00  
SURVEY DATUM:  
HORIZONTAL - OCRS: GRANTS PASS-ASHLAND ZONE  
NAD 83(2011) EPOCH 2010.00 (INTERNATIONAL FEET)

**OREGON COORDINATE REFERENCE SYSTEM (OGRS) GRANTS PASS-ASHLAND ZONE PARAMETERS**

TRANSVERSE MERCATOR PROJECTION  
NORTH AMERICAN DATUM OF 1983  
LATITUDE OF GRID ORIGIN : 41°45'00" N  
CENTRAL MERIDIAN : 123°20'00" W  
FALSE NORTHING: 0.000 M (0.00 FT)  
FALSE EASTING: 50,000.000 M (164041.9948 FT)  
CENTRAL MERIDIAN SCALE: 1.000043 (EXACT)

**HORIZONTAL CONTROL SURVEY**

PRIMARY CONTROL FOR THIS PROJECT WAS ESTABLISHED BY USING THE OREGON REAL TIME GPS NETWORK (ORGN) TO ESTABLISH HORIZONTAL POSITIONS FOR CONTROL POINTS 1 THROUGH 6. THE MEAN NORTHINGS AND EASTINGS OF TWO SEPARATE OBSERVATIONS WITH A MINIMUM DURATION OF 180 EPOCHS, UNDER DIFFERENT SATELLITE CONSTELLATIONS, WERE HELD FIXED.

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

**VERTICAL CONTROL SURVEY**

VERTICAL CONTROL IS BASED ON THE CITY OF ASHLAND (NGVD 29(56) DATUM) AND WAS ESTABLISHED BY HOLDING THE PUBLISHED ELEVATION OF THE CITY OF ASHLAND BENCHMARK (\*29) LOCATED AT THE INTERSECTION OF OAK STREET AND HERSEY STREET, WITH A RECORD ELEVATION OF 1847.474 FEET. A DIGITAL LEVEL LOOP WAS RUN THROUGH CONTROL POINTS 1 THROUGH 6.

OPC = ORANGE PLASTIC CAP  
OGRS = OREGON COORDINATE REFERENCE SYSTEM

**CONTROL POINT TABLE**

PT NO	OGRS NORTHING	OGRS EASTING	LEVELED ELEVATION	CONVERGENCE ANGLE	DATE	DESCRIPTION
1	165940.40	330413.15	1882.88	00°24'45"	9-23-15	SET 1" BRONZE PLUG STAMPED "OBEC" IN CONCRETE SIDEWALK
2	166100.47	330625.11	1869.27	00°24'47"	9-23-15	SET 5/8" X 30" REBAR W/OPC STAMPED "OBEC CONTROL"
3	165980.24	331048.59	1850.73	00°24'51"	9-23-15	SET 1" BRONZE PLUG STAMPED "OBEC" IN CONCRETE SIDEWALK
4	165679.60	331565.74	1848.37	00°24'55"	9-23-15	SET 1" BRONZE PLUG STAMPED "OBEC" IN TOP OF CONCRETE CURB
5	165553.41	331920.23	1841.88	00°24'58"	9-23-15	SET 1" BRONZE PLUG STAMPED "OBEC" IN CONCRETE SIDEWALK
6	165126.88	332732.01	1847.03	00°25'05"	9-23-15	SET 1" BRONZE PLUG STAMPED "OBEC" IN TOP OF CONCRETE CURB

ASSESSOR'S MAP NO'S. 39 IE 05DA, 39 IE 04CB, 39 IE 04CC & 39 IE 04CD

**1.96 SIGMA (95%) CONFIDENCE LEVEL LIMITS-RTK GPS CONFIDENCE TABLE**

PT NO	SOLUTION	RMS
1	WIDE AREA RTK - L1 FIXED	0.04'
2	WIDE AREA RTK - L1 FIXED	0.02'
3	WIDE AREA RTK - L1 FIXED	0.02'
4	WIDE AREA RTK - L1 FIXED	0.03'
5	WIDE AREA RTK - L1 FIXED	0.04'
6	WIDE AREA RTK - L1 FIXED	0.02'

RMS (ROOT MEAN SQUARE) AFTER A MINIMUM OF 180 MEASUREMENTS OF EACH BASE LINE INDICATES THE QUALITY OF THE SOLUTION BASED ON MEASUREMENT NOISE. THE LOWER THE RMS VALUE, THE HIGHER THE QUALITY OF THE BASELINE. RMS IS EXPRESSED IN FEET AND IS THE RADIUS OF THE ERROR CIRCLE WITHIN WHICH 95% OF THE POSITION FIXES ARE FOUND.

**LEGEND**

★ SET GPS CONTROL POINT (ORGN RTK)

--- EDGE OF PAVEMENT

**REGISTERED PROFESSIONAL LAND SURVEYOR**

**OREGON JULY 12, 2005 LOGAN MILES 65452**

RENEWAL: DEC. 31, 2016  
Signed: 3/24/16

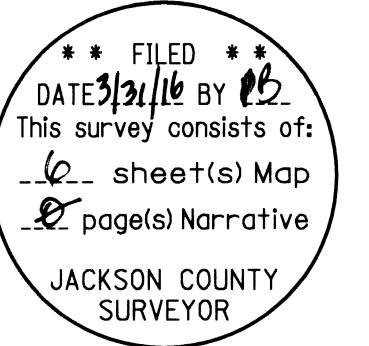
J. COLTON	OBEC	DESIGNED: L. MILES	PROJ. NO. 0019-0402
APPROVED BY:	DIVISION MANAGER	DRAWN: L. MILES / E. BLAKE	CHK'D: A. SILBERNAGEL

Corporate Office: 920 COUNTRY CLUB ROAD, SUITE 100B EUGENE, OREGON 97401-6089, 541-683-6090  
3990 FAIRVIEW INDUSTRIAL DR SE, SUITE 200 SALEM, OREGON 97302-1166, 503-589-4100  
831 O'HARE PARKWAY MEDFORD, OREGON 97504-4005, 541-774-5590  
5000 MEADOWS ROAD, SUITE 420 LAKE OSWEGO, OREGON 97035, 503-620-6103  
1111 MAIN STREET, SUITE 401 VANCOUVER, WASHINGTON 98660 360-314-2391

**CITY OF ASHLAND & OREGON DEPARTMENT OF TRANSPORTATION**  
HORIZONTAL CONTROL, RETRACEMENT AND MONUMENT RECOVERY SURVEY  
HERSEY STREET SIDEWALK:  
N. MAIN TO OAK ST.

CITY OF ASHLAND MARCH 29, 2016  
20 EAST MAIN STREET NO SCALE  
ASHLAND, OREGON 97520 SHEET 1 OF 6

SE 1/4 SEC 5 T39S R1E WM  
SW 1/4 SEC 4 T39S R1E WM



**NARRATIVE**

THE PURPOSE OF THIS SURVEY IS TO RESOLVE THE FIELD LOCATION OF THE RIGHT-OF-WAY CENTERLINE AND THE RIGHT-OF-WAY MARGINS OF HERSEY STREET BETWEEN NORTH MAIN STREET AND OAK STREET IN ASHLAND, OREGON. THIS SURVEY WAS MADE AT THE REQUEST OF CITY OF ASHLAND AND THE OREGON DEPARTMENT OF TRANSPORTATION (ODOT) IN SUPPORT OF A PEDESTRIAN IMPROVEMENTS PROJECT TO ADD SIDEWALKS ALONG THE NORTHERLY SIDE OF HERSEY STREET.

THIS SURVEY ALSO MEETS THE REQUIREMENTS FOR A MONUMENT RECOVERY SURVEY AS OUTLINED IN THE OREGON REVISED STATUTES CHAPTER 209.155. PERPETUATION OF THE LOCATIONS OF SURVEY MONUMENTS OF RECORD WAS ACCOMPLISHED BY TYING THE MONUMENTS TO THE PROJECT CONTROL.

THIS SURVEY WAS PERFORMED IN SEPTEMBER THROUGH DECEMBER OF 2015. THE SURVEY EQUIPMENT USED CONSISTED OF ONE TRIMBLE R8-MODEL 4 GPS RECEIVER, ONE TRIMBLE S6 ROBOTIC TOTAL STATION, ONE TRIMBLE TSC3 DATA COLLECTOR WITH TRIMBLE ACCESS SOWTWARE, AND ONE SOKKIA SDL 30 DIGITAL LEVEL.

**HERSEY STREET - "H" LINE**

THE RIGHT-OF-WAY CENTERLINE OF HERSEY STREET WAS CREATED WITH THE ORIGINAL PLAT OF ASHLAND FROM 1888 AND A MULTITUDE OF DIFFERENT INSTRUMENTS. EACH SECTION WAS RESOLVED ACCORDING THE APPROPRIATE INSTRUMENT THAT CREATED THAT PARTICULAR SECTION OF THE CENTERLINE. THE PLATS AND INSTRUMENTS HAVE BEEN LABELED ON THE SURVEY FOR EACH SECTION BEING RESOLVED. FIELD TIES TO THE CONTROLLING MONUMENTS WERE MADE AND APPLIED TO THE SECTIONS OF THE CENTERLINE AND COMPUTATIONS WERE THEN MADE AS SHOWN HEREON.

TO CONTROL THE TANGENT BETWEEN STATION "H" 10+00.00 P.I. AND "H" 12+57.08 P.C. FOUND MONUMENT POINT NUMBER 1012 WAS HELD AT THE INTERSECTION OF HERSEY STREET AND NORTH MAIN STREET, THEN FOUND MONUMENT POINT NUMBER 1005 WAS HELD AT 30.00 FEET LEFT TO CONTROL THE DIRECTION OF THE TANGENT. THE DISTANCE WAS CONTROLLED BY INTERSECTING THE TANGENT WITH THE NON-TANGENT CURVE CREATED BY HOLDING THE RECORD RADIUS FROM THE TANGENT ESTABLISHED BETWEEN FOUND MONUMENT NUMBER 1000 AND FOUND MONUMENT NUMBER 1018 AT THE P.T. OF THE CURVE AT 30.00 FEET LEFT OF THE CENTERLINE. THERE WERE SOME ADDITIONS TO THE RIGHT-OF-WAY ALONG THE NORTHERLY LINE BETWEEN NORTH MAIN STREET AND LORI LANE PER INSTRUMENT NUMBER 2012-025353 (D1) AND THE PLAT OF THE HERSEY OFFICE CONDO (R2) AS SHOWN HEREON. THIS COMPLETED THE RESOLUTION OF THE RIGHT-OF-WAY CENTERLINE BETWEEN STATIONS "H" 10+00.00 P.I. AT NORTH MAIN STREET AND "H" 20+32.22 P.I. AT THE INTERSECTION OF LAUREL STREET. THE ORIGINAL 1888 PLAT OF THE CITY OF ASHLAND (R1) CREATED THE FIRST TANGENT BETWEEN STATION "H" 10+00.00 P.I. AND THE INTERSECTION OF THE CENTERLINE OF LORI LANE, WHILE THE REMAINDER OF THE RIGHT-WAY CENTERLINE BETWEEN LORI LANE AND LAUREL STREET WAS CREATED BY VOLUME 51 PAGE 53 (D2). A PORTION OF THIS ORIGINAL RIGHT-OF-WAY WAS VACATED AS SHOWN PER CITY ORDINANCE NO. 1548 (D5) & (R5) CREATING THE CURVE BETWEEN STATIONS "H" 12+57.08 P.C. AND "H" 15+36.66 P.T., WHILE VOLUME 444 PAGE 302 (D6) FILLED IN THE SOUTHERLY PORTION OF THE CURVE TO COMPLETE THE SOUTHERLY RIGHT-OF-WAY CONCENTRIC WITH THE RESOLVED RIGHT-OF-WAY CENTERLINE AS SHOWN HEREON.

THE SECTION OF RIGHT-OF-WAY CENTERLINE BETWEEN LAUREL STREET "H" 20+32.22 P.I. AND HELMAN STREET "H" 27+04.77 P.I. WAS COMPUTED BY HOLDING MONUMENTS NUMBERED 1000 AND 1001 AT THE RESPECTIVE INTERSECTIONS AS SHOWN HEREON. THIS SECTION WAS ALSO CREATED BY SAID VOLUME 51 PAGE 53 (D2) WITH AN ADDITIONAL TAKING ALONG THE NORTH RIGHT-OF-WAY LINE BEING ESTABLISHED BY VOLUME 69 PAGE 362 (D4) AS SHOWN HEREON.

THE SECTION OF RIGHT-OF-WAY CENTERLINE BETWEEN HELMAN STREET "H" 27+04.77 P.I. AND WATER STREET "H" 30+92.52 P.I. WAS COMPUTED BY HOLDING MONUMENTS NUMBERED 1001 AND 1032 AT THE RESPECTIVE INTERSECTIONS AS SHOWN HEREON. THIS SECTION OF RIGHT-OF-WAY WAS CREATED BY VOLUME 67 PAGE 251(D3).

THE SECTION BETWEEN THE WATER STREET "H" 31+07.89 P.I. AND OAK STREET "H" 36+73.79 P.I. WAS COMPUTED BY HOLDING THE RECORD DISTANCE OF 15.37 FEET PER SURVEY NUMBER 6512 (R12) ALONG THE PROJECTED CENTERLINE OF WATER STREET CONTROLLED BY FOUND MONUMENTS NUMBERED 1033 AND 1032 TO ESTABLISH THE ANGLE POINT AT SAID "H" 31+07.89 P.I. THEN THE ANGLE POINT AND FOUND MONUMENT NUMBER 1034 AT THE INTERSECTION OF OAK STREET WE HELD TO ESTABLISHED THE CENTERLINE AS SHOWN HEREON. THE ORIGINAL RIGHT-OF-WAY WAS CREATED AT 40.00 FEET WIDE PER THE 1888 PLAT OF THE CITY OF ASHLAND. MINOR PARTITION PLAT, SURVEY NUMBER 6512 (R12), THEN DEDICATED AN ADDITIONAL 3.50 FEET TO THE SOUTHERLY PORTION OF THE RIGHT-OF-WAY. INSTRUMENT NUMBER 88-12188 (D7) THEN CREATED EVEN MORE ADDITIONAL RIGHT-OF-WAY ON THE SOUTHERLY SIDE OF THE CENTERLINE AND THE SOUTHERLY RIGHT-OF-WAY LINE WAS COMPUTED PER SAID (R12) AND (D7) AS SHOWN HERE ON. THE NORTHERLY RIGHT-OF-WAY LINE OF THIS SECTION WAS ALSO MODIFIED FROM THE ORIGINAL PLATTED LINE BY INSTRUMENT NUMBER 73-0233 (D8) AND THE PLAT OF MEADOWBROOK SUBDIVISION (R13) AND WAS COMPUTED AS SHOWN HEREON.

THE RIGHT-OF-WAY MARGINS WERE OFFSET PARALLEL WITH SAID RESOLVED CENTERLINE AT THE RECORD DISTANCES AS SHOWN HEREON. WHERE THE RIGHT OF WAY WAS NOT PARALLEL WITH SAID RESOLVED CENTERLINE DETAILS AND DIMENSIONS HAVE BEEN PROVIDED TO ILLUSTRATE HOW THE RIGHT-OF-WAY WAS RESOLVED. ALL EXISTING EASEMENTS AS SHOWN HEREON WERE LOCATED BY USING THE RECORD DATA PER THE LIST OF REFERENCES. STATIONING USED FOR THIS SURVEY IS PROJECT SPECIFIC.

**SURVEY REFERENCES**

- R1- 1888 CITY OF ASHLAND PLAT
- R2- HERSEY OFFICE CONDO (COUNTY SURVEY 8843)
- R3- COUNTY SURVEY 8610
- R4- PARTITION PLAT P-02-2013 (COUNTY SURVEY 21211)
- R5- COUNTY SURVEY 4704
- R6- CREEK VIEW TERRACE (COUNTY SURVEY 8277)
- R7- COUNTY SURVEY 4708
- R8- COUNTY SURVEY 7393
- R9- PARTITION PLAT P-22-1997 (COUNTY SURVEY 15314)
- R10- COUNTY SURVEY 6481
- R11- PARTITION PLAT P-35-1992 (COUNTY SURVEY 12923)
- R12- COUNTY SURVEY 6512
- R13- MEADOWBROOK SUBDIVISION (COUNTY SURVEY 7596)
- R14- COUNTY SURVEY 8097
- R15- COUNTY SURVEY 3492
- R16- PARTITION PLAT P-02-2008 (COUNTY SURVEY 19897)
- R17- COUNTY SURVEY 6596
- R18- COUNTY SURVEY 1040
- R19- PARTITION PLAT P-61-1995 (COUNTY SURVEY 14631)
- R20- COUNTY SURVEY 10588
- R21- COUNTY SURVEY 7288
- R22- GLENNVISTA ESTATES PHASE 2 (COUNTY SURVEY 13015)
- R23- COUNTY SURVEY 5580
- R24- COUNTY SURVEY 7932
- R25- BEVERLY COURT (COUNTY SURVEY 15687)
- R26- COUNTY SURVEY 8040
- R27- PARTITION PLAT P-17-2002 (COUNTY SURVEY 17237)
- R28- COUNTY SURVEY 16524
- R29- COUNTY SURVEY 10128

**DOCUMENT REFERENCES**

- D1- INSTRUMENT NUMBER 2012-025353
- D2- VOLUME 51 PAGE 53
- D3- VOLUME 67 PAGE 251
- D4- VOLUME 69 PAGE 362
- D5- CITY ORDINANCE #1548
- D6- VOLUME 444 PAGE 302
- D7- INSTRUMENT NUMBER 88-12188
- D8- INSTRUMENT NUMBER 73-02331

FILE NAME: 18250ret.dgn

Corporate Offices: 920 COUNTRY CLUB ROAD, SUITE 100B EUGENE, OREGON 97401-6089, 541-683-6090  
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CITY OF ASHLAND &  
OREGON DEPARTMENT OF TRANSPORTATION  
HORIZONTAL CONTROL, RETRACEMENT AND  
MONUMENT RECOVERY SURVEY  
HERSEY STREET SIDEWALK:  
N. MAIN TO OAK ST.

CITY OF ASHLAND MARCH 29, 2016  
20 EAST MAIN STREET NO SCALE  
ASHLAND, OREGON 97520 SHEET 2 OF 6

DESIGNED: L. MILES PROJ. NO. 0019-0402

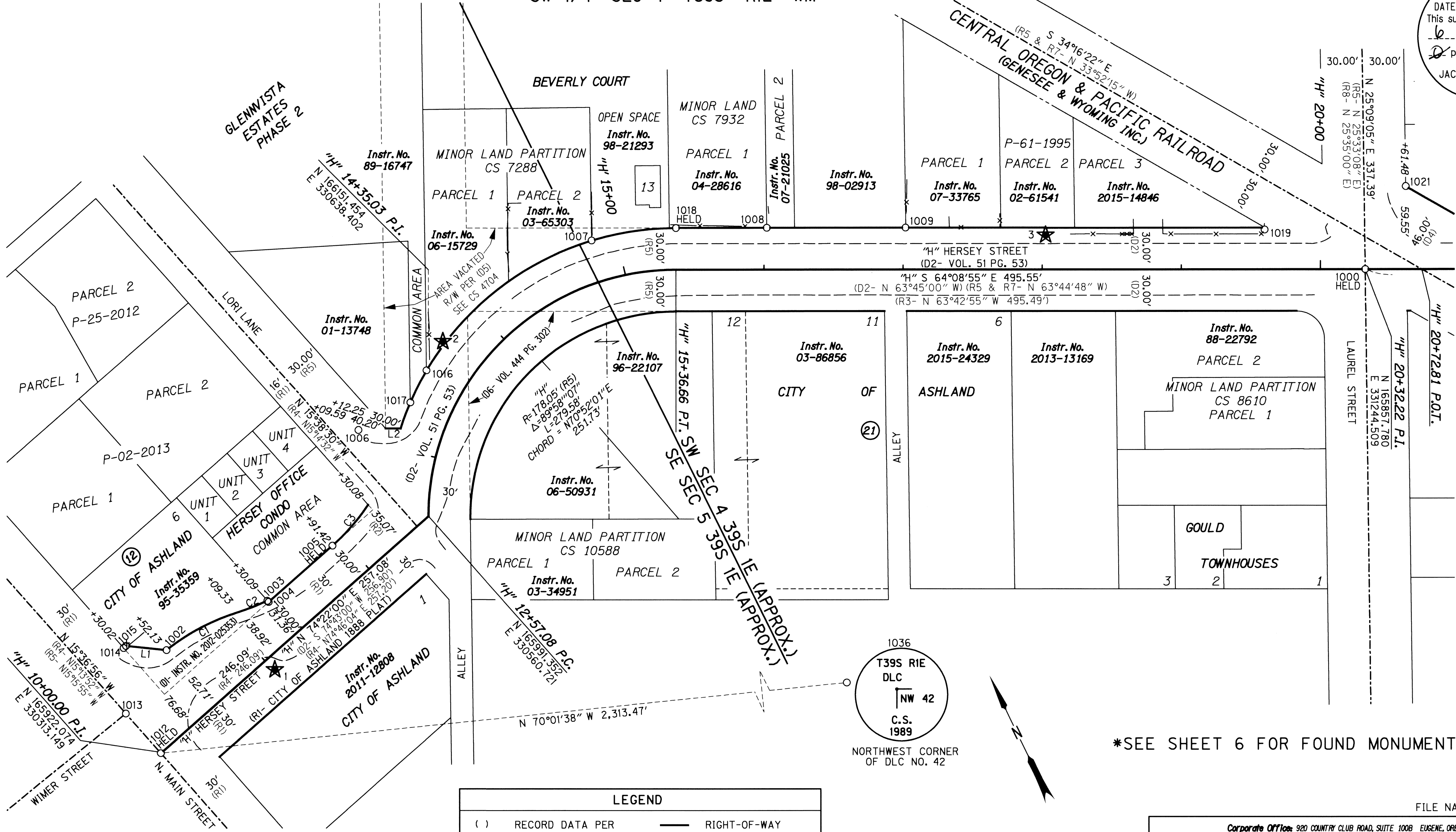
DRAWN: L. MILES / E. BLAKE CHK'D: A. SILBERNAGEL

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

*[Signature]*  
OREGON  
JULY 12, 2005  
LOGAN MILES  
65452  
RENEWAL: DEC. 31, 2016  
Signed: 3/29/16

SE 1/4 SEC 5 T39S R1E WM  
 SW 1/4 SEC 4 T39S R1E WM

**\*\* FILED \*\***  
 DATE 3/21/16 BY *pb*  
 This survey consists of:  
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 2 page(s) Narrative  
 JACKSON COUNTY  
 SURVEYOR

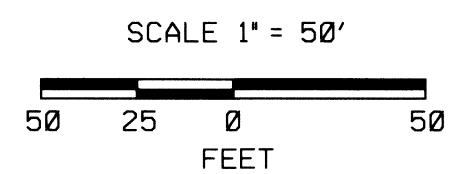


SEE SHEET 4

\*SEE SHEET 6 FOR FOUND MONUMENT TABLE\*

FILE NAME: 18250ret.dgn

LEGEND			
( )	RECORD DATA PER REFERENCE LIST	—	RIGHT-OF-WAY
○	FOUND MONUMENT NOTED IN TABLE	—	PROPERTY LINE
★	SET RTK GPS CONTROL POINT	- - - -	RAILROAD RW
		- X -	FENCE LINE
		- - -	EDGE OF PAVEMENT



REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON  
 JULY 12, 2005  
 LOGAN MILES  
 65452

RENEWAL: DEC. 31, 2016  
 Signed: 3/29/16

**OBEC CONSULTING ENGINEERS**  
 Corporate Offices: 920 COUNTRY CLUB ROAD, SUITE 100B EUGENE, OREGON 97401-6089, 541-683-6090  
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 www.obec.com

CITY OF ASHLAND &  
 OREGON DEPARTMENT OF TRANSPORTATION  
 HORIZONTAL CONTROL, RETRACEMENT AND  
 MONUMENT RECOVERY SURVEY  
 HERSEY STREET SIDEWALK:  
 N. MAIN TO OAK ST.

CITY OF ASHLAND  
 20 EAST MAIN STREET  
 ASHLAND, OREGON 97520

MARCH 29, 2016  
 SCALE 1" = 50'  
 SHEET 3 OF 6

DESIGNED: L. MILES  
 DRAWN: L. MILES / E. BLAKE  
 CHK'D: A. SILBERNAGEL

PROJ. NO. 0019-0402

LINE TABLE

LINE	BEARING	DISTANCE
L1	S 58°18'41" E	32.61'
(D1)	(N 57°55'00" W)	(32.51')
L2	N 64°08'53" W	10.69'
(R5)	(N 63°44'48" W)	(10.79')

CURVE TABLE

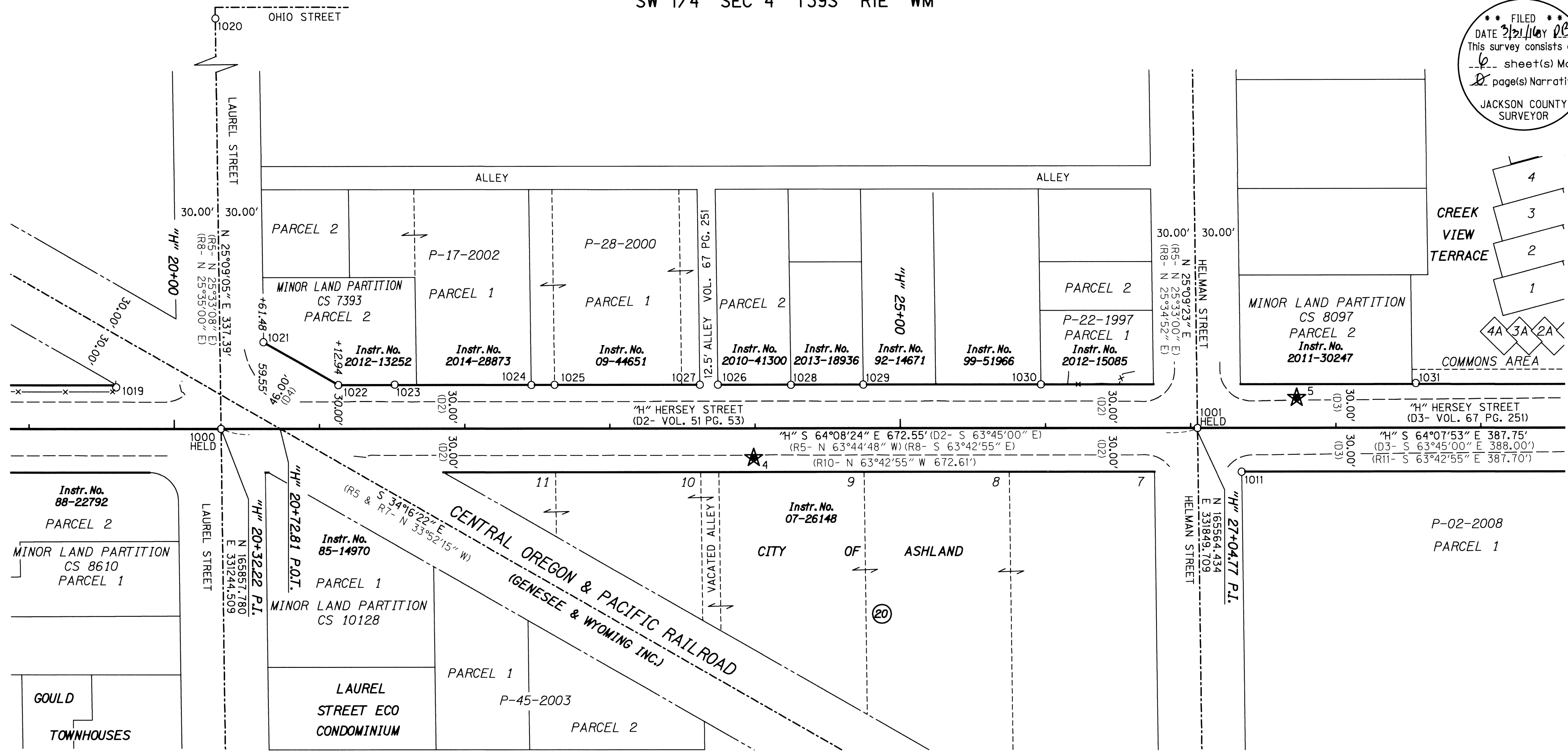
CURVE	RADIUS	DELTA	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C1	156.17'	21°43'01"	59.19'	N 87°55'00" E	58.84'
(D1)	(156.17')	(21°43'06")	(59.20')	(S 88°19'04" W)	(58.84')
C2	143.83'	08°48'30"	22.11'	S 85°47'41" E	22.09'
(D1)	(143.83')	(08°48'28")	(22.11')	(N85°13'37" W)	(22.09')
C3	149.05'	15°02'00"	39.11'	N 66°56'46" E	39.00'
(R2)	(149.05')	(14°58'53")	---	---	---

SW 1/4 SEC 4 T39S R1E WM

**\*\* FILED \*\***  
 DATE 3/21/16 BY RB  
 This survey consists of:  
6 sheet(s) Map  
2 page(s) Narrative  
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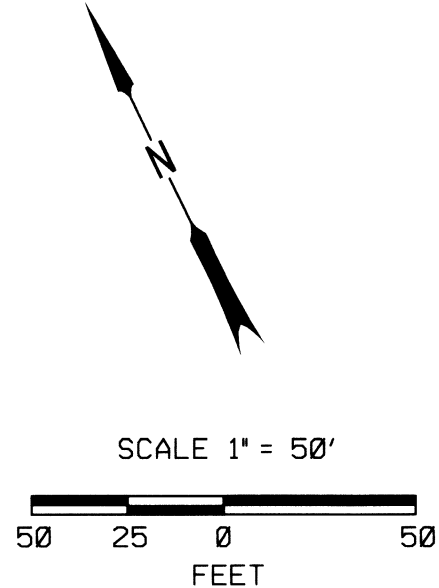
SEE SHEET 3

SEE SHEET 5



\*SEE SHEET 6 FOR FOUND MONUMENT TABLE\*

LEGEND	
( )	RECORD DATA PER REFERENCE LIST
○	FOUND MONUMENT NOTED IN TABLE
★	SET RTK GPS CONTROL POINT
—	RIGHT-OF-WAY
—	PROPERTY LINE
---	RAILROAD RW
-X-	FENCE LINE
---	EDGE OF PAVEMENT



REGISTERED  
 PROFESSIONAL  
 LAND SURVEYOR  
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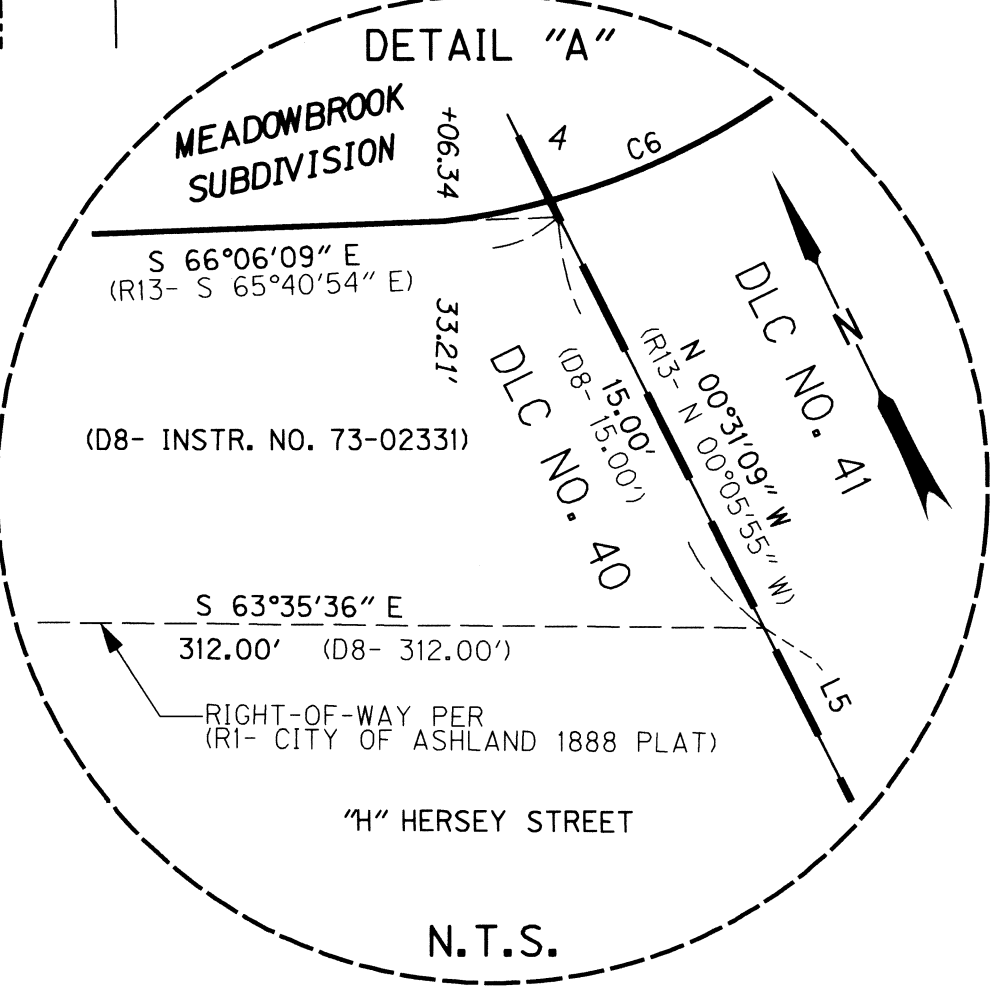
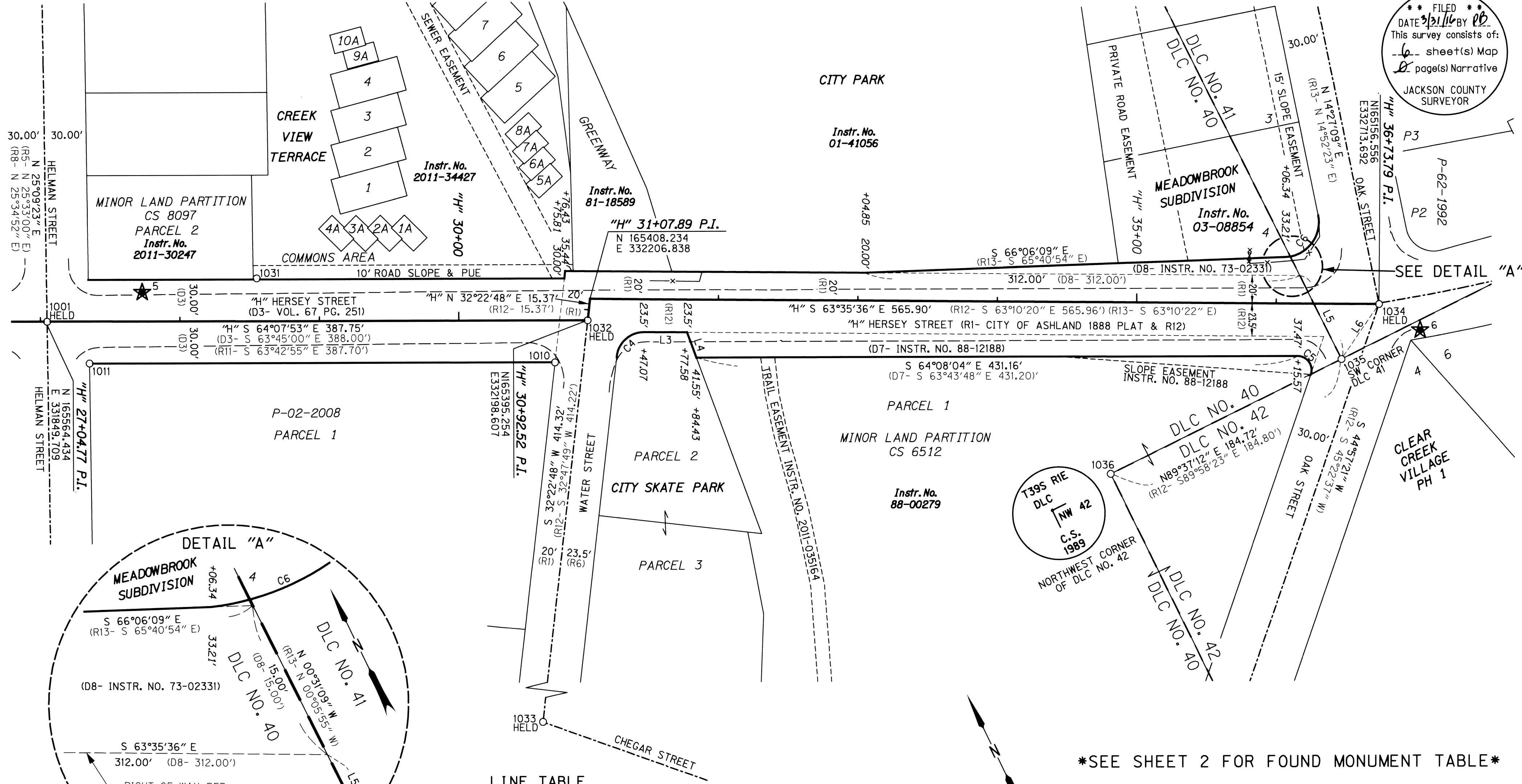
CITY OF ASHLAND &  
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 N. MAIN TO OAK ST.  
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 20 EAST MAIN STREET  
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 MARCH 29, 2016  
 SCALE 1" = 50'  
 SHEET 4 OF 6  
 DESIGNED: L. MILES  
 DRAWN: L. MILES / E. BLAKE  
 CHK'D: A. SILBERNAGEL  
 PROJ. NO. 0019-0402

FILE NAME: 18250ret.dgn

SW 1/4 SEC 4 T39S R1E WM

**\*\* FILED \*\***  
 DATE 3/31/16 BY *EB*  
 This survey consists of:  
 6 sheet(s) Map  
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 JACKSON COUNTY SURVEYOR

SEE SHEET 4



LINE TABLE

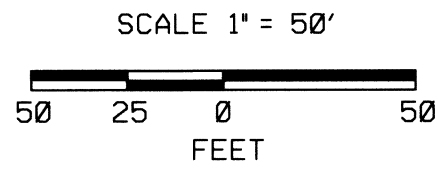
LINE	BEARING	DISTANCE
L3	S 63°35'36" E	30.52'
(R12)	(S 63°10'20" E)	(30.52')
L4	S 05°38'01" W	19.30'
(D7)	(S 06°03'02" W)	(19.30')
L5	N 00°31'09" W	66.71'
(D8)	(N 00°00'00" E)	(66.77')
L6	N 60°30'11" E	47.68'

CURVE TABLE

CURVE	RADIUS	DELTA	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C4	20.00'	84°01'36"	29.33'	N 74°23'36" E	26.77'
(R12)	(20.00')	(84°01'52")	(29.33')	---	(26.77')
C5	10.00'	109°03'59"	19.04'	S 09°35'44" E	16.29'
(D7)	(10.00')	(109°03'59")	(19.04')	(S 09°10'05" E)	(16.29')
C6	25.00'	99°26'43"	43.39'	N 64°10'30" E	38.15'
(R13)	(25.00')	(99°26'43")	(43.39')	---	---

**LEGEND**

( )	RECORD DATA PER REFERENCE LIST	—	RIGHT-OF-WAY
○	FOUND MONUMENT NOTED IN TABLE	—	PROPERTY LINE
★	SET RTK GPS CONTROL POINT	---	RAILROAD RW
		-X-	FENCE LINE
		---	EDGE OF PAVEMENT



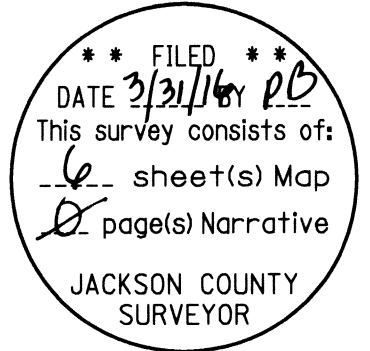
REGISTERED PROFESSIONAL LAND SURVEYOR  
*[Signature]*  
 OREGON  
 JULY 12, 2005  
 LOGAN MILES  
 65452  
 RENEWAL: DEC. 31, 2016  
 Signed: 3/31/16

\*SEE SHEET 2 FOR FOUND MONUMENT TABLE\*

Corporate Offices: 920 COUNTRY CLUB ROAD, SUITE 100B EUGENE, OREGON 97401-6089, 541-683-6090  
 3990 FAIRVIEW INDUSTRIAL DR. SE, SUITE 200 SALEM, OREGON 97302-1166, 503-589-4100  
 831 O'HARE PARKWAY MEDFORD, OREGON 97504-4005, 541-774-5590  
 5000 MEADOWS ROAD, SUITE 420 LAKE OSWEGO, OREGON 97035, 503-620-6103  
 1111 MAIN STREET, SUITE 401 VANCOUVER, WASHINGTON 98660 360-314-2391  
 www.obec.com

CITY OF ASHLAND & OREGON DEPARTMENT OF TRANSPORTATION  
 HORIZONTAL CONTROL, RETRACEMENT AND MONUMENT RECOVERY SURVEY  
 HERSEY STREET SIDEWALK: N. MAIN TO OAK ST.  
 CITY OF ASHLAND  
 20 EAST MAIN STREET  
 ASHLAND, OREGON 97520  
 MARCH 29, 2016  
 SCALE 1" = 50'  
 SHEET 5 OF 6  
 DESIGNED: L. MILES  
 DRAWN: L. MILES / E. BLAKE  
 CHK'D: A. SILBERNAGEL  
 PROJ. NO. 0019-0402

SE 1/4 SEC 5 T39S R1E WM  
 SW 1/4 SEC 4 T39S R1E WM



YPC = YELLOW PLASTIC CAP  
 OPC = ORANGE PLASTIC CAP  
 PP = PARTITION PLAT  
 CS = COUNTY SURVEY  
 J.C.R.R. = JACKSON COUNTY RE-ESTABLISHMENT RECORD  
 ALL FOUND MONUMENTS ARE IN GOOD CONDITION UNLESS STATED OTHERWISE

FOUND MONUMENT TABLE

PT. NO.	OCRS NORTHING	OCRS EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1000	165857.78	331244.51	20+32.22	0.00	10/2/15	3" BRASS DISK IN MON BOX, DOWN 0.4', PER CITY OF ASHLAND
1001	165564.43	331849.71	27+04.76	0.00	10/2/15	3" BRASS DISK IN MON BOX, DOWN 0.4', PER CITY OF ASHLAND
1002	165986.91	330349.16	10+52.15	52.73 LT	11/6/15	5/8" IR W/OPC, "KAMPMAN PLS 2883", FLUSH PER CS 21211
1003	165987.23	330429.85	11+29.94	31.30 LT	11/6/15	5/8" IR W/OPC, "KAMPMAN PLS 2883", UP 0.1', PER CS 21211
1004	165986.03	330430.34	11+30.09	30.02 LT	11/6/15	5/8" IR W/YPC "THOMAS 505", DOWN 0.2', PER CS 8843
1005	166002.55	330489.40	11+91.42	30.00 LT	11/6/15	5/8" IR, FLUSH WITH PAVEMENT, PER CS 8843
1006	166069.48	330542.64	13+04.56	58.74 LT	11/6/15	COPPER PLUG MARKED "LS 2057", FLUSH WITH CURB, ORIGIN UNKNOWN
1007	166119.30	330753.16	14+84.02	30.13 LT	11/6/15	COPPER PLUG MARKED "LS 2234", FLUSH WITH CONCRETE, PER CS 15687
1008	166072.48	330870.49	16+02.01	30.13 LT	11/6/15	5/8" IR W/YPC MARKED "E.L. SWAIN PLS 759", DOWN 0.5', PER CS 7932
1009	166028.96	330960.31	17+01.82	30.13 LT	11/6/15	5/8" IR W/YPC MARKED "LJ FRIAR & ASSOC.", DOWN 1.0', PER CS 14631
1010	165378.48	332164.25	30+68.92	30.08 RT	11/6/15	5/8" IR W/RPC MARKED D.A. EDWARDS LS 2339", DOWN 0.1', PER CS 12923
1011	165524.14	331863.93	27+35.14	30.05 RT	11/6/15	5/8" IR W/YPC (UNREADABLE), FLUSH WITH PAVEMENT, PER CS 19897
1012	165922.07	330313.15	0+00.00	0.00	11/13/15	3/4" IP CL MAIN/HERSEY, DOWN 0.6', PER CITY OF ASHLAND
1013	165958.63	330302.98	10+00.06	37.94 LT	11/13/15	3/4" IP, DOWN 0.6', PER CITY OF ASHLAND
1014	166001.66	330322.05	10+30.02	74.25 LT	11/13/15	TACK & BRASS TAG, FLUSH WITH SIDEWALK, PER CS 21211
1015	166002.26	330324.18	10+32.23	74.25 LT	11/13/15	5/8" IR W/OPC MARKED "KAMPMAN PLS 2883", FLUSH, PER CS 21211
1016	166086.81	330605.42	13+51.61	30.11 LT	11/13/15	5/8" IR W/YPC, (UNREADABLE), DOWN 0.5', PER CS 4704
1017	166071.02	330584.84	13+29.41	30.01 LT	11/13/15	5/8" IR W/YPC, (UNREADABLE), DOWN 0.7', PER CS 4704
1018	166100.86	330811.63	15+36.66	30.00 LT	11/13/15	5/8" IR, DOWN 0.3', PER CS 4708
1019	165914.98	331191.97	19+60.00	28.57 LT	11/13/15	5/8" IR W/YPC SMASHED OVER TOP, DOWN 0.3', PER CS 14631
1020	166165.44	331388.96	N/A	N/A	11/13/15	3" BRASS CAP IN WELL MON, DOWN 0.5', PER CITY OF ASHLAND
1021	165898.67	331296.83	20+61.47	59.62 LT	11/13/15	5/8" IR W/YPC, (BROKEN CAP), DOWN 0.2', PER CS 7393
1022	165849.56	331330.27	21+12.97	30.01 LT	11/13/15	5/8" IR, DOWN 0.3', PER CS 7393
1023	165832.87	331365.29	21+51.77	30.27 LT	11/13/15	5/8" IR W/YPC MARKED "L.J. FRIAR & ASSOC.", FLUSH, ORIGIN UNKNOWN
1024	165791.53	331449.88	22+45.92	29.96 LT	11/13/15	5/8" IR, DOWN 0.1', PER CS 7393
1025	165784.65	331464.33	22+61.92	30.07 LT	11/13/15	5/8" IR W/YPC MARKED "L.J. FRIAR & ASSOC.", FLUSH, PER CS 17237
1026	165735.56	331565.62	23+74.48	30.08 LT	11/13/15	5/8" IR W/YPC MARKED "L.J. FRIAR & ASSOC.", FLUSH, PER CS 16507
1027	165741.01	331554.38	23+61.99	30.08 LT	11/13/15	5/8" IR W/YPC MARKED "L.J. FRIAR & ASSOC.", FLUSH, PER CS 16507
1028	165713.46	331610.74	24+24.72	29.88 LT	11/13/15	3/4" IP, DOWN 0.4', PER CS 8040
1029	165691.85	331655.62	24+74.54	30.00 LT	11/13/15	5/8" IR W/YPC MARKED "L.J. FRIAR & ASSOC.", DOWN 0.1', PER CS 16524
1030	165638.47	331765.77	25+96.94	30.02 LT	11/13/15	5/8" IR W/YPC MARKED STEWART LS 2057", FLUSH, PER CS 15314
1031	165526.54	331998.39	28+55.08	30.77 LT	11/13/15	1/2" IR, UP 0.2', ORIGIN UNKNOWN
1032	165395.25	332198.61	30+92.52	0.00	11/13/15	3/4" IP IN MON BOX, DOWN 2.5', PER CITY OF ASHLAND
1033	165045.36	331976.73	N/A	N/A	11/13/15	3" BRASS DISK IN MON CASE MARKED "CITY OF ASHLAND 1995", DOWN 0.4', PER CITY OF ASHLAND
1034	165156.56	332713.69	36+73.79	0.00	11/13/15	STONE IN MON BOX, PER CITY OF ASHLAND
1035	165133.08	332672.20	36+47.06	39.48 RT	11/13/15	2-1/2" BRASS CAP STAMPED "T39S R1E ESE 40 SW41 DLC COR, CS 1969", PER J.C.R.R.
1036	165131.86	332487.48	N/A	N/A	11/13/15	2-1/2" BRASS CAP STAMPED "T39S R1E NW DLC 42, C.S. 1989", FLUSH, PER J.C.R.R.

FILE NAME: 18250ret.dgn

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 N. MAIN TO OAK ST.

CITY OF ASHLAND MARCH 29, 2016  
 20 EAST MAIN STREET NO SCALE  
 ASHLAND, OREGON 97520 SHEET 6 OF 6

DESIGNED: L. MILES PROJ. NO. 0019-0402  
 DRAWN: L. MILES / E. BLAKE CHK'D: A. SILBERNAGEL

REGISTERED  
 PROFESSIONAL  
 LAND SURVEYOR

OREGON  
 JULY 12, 2005  
 LOGAN MILES  
 65452

RENEWAL: DEC. 31, 2016  
 Signed: 3/29/16