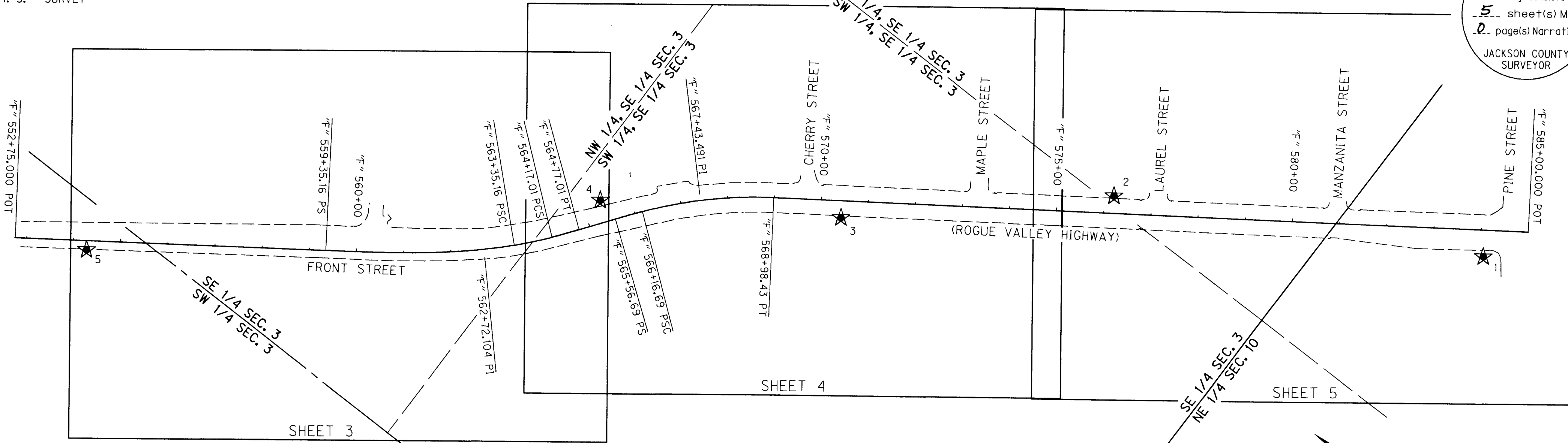


- SHEET INDEX**
1. NARRATIVE AND SHEET LAYOUT
 2. CONTROL SCHEMATIC AND BASIS OF BEARING
 3. SURVEY, LEGEND, AND REFERENCES
 - 4.-5. SURVEY

SW 1/4 SEC 3 T37S R2W WM
 SE 1/4 SEC 3 T37S R2W WM
 NE 1/4 SEC 10 T37S R2W WM

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 5 sheet(s) Map
 0 page(s) Narrative
 JACKSON COUNTY SURVEYOR



NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO RESOLVE THE FIELD LOCATION OF THE RIGHT-OF-WAY CENTERLINE AND THE RIGHT-OF-WAY MARGINS FOR A PORTION OF FRONT STREET, FORMERLY A PART OF THE ROGUE VALLEY HIGHWAY, LOCATED IN THE CITY OF CENTRAL POINT, OREGON. THIS SURVEY WAS MADE AT THE REQUEST OF THE CITY OF CENTRAL POINT.

THIS SURVEY ALSO MEETS THE REQUIREMENTS FOR A 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.

ALL DISTANCES SHOWN HEREON ARE GROUND DISTANCES.

THIS SURVEY WAS PERFORMED IN NOVEMBER AND DECEMBER OF 2011 AND USES INTERNATIONAL FEET UNITS. THE SURVEY EQUIPMENT USED CONSISTED OF ONE TRIMBLE R8 GPS RECEIVER, TWO TRIMBLE S6 ROBOTIC TOTAL STATIONS, TWO TRIMBLE TSC2 DATA COLLECTORS RUNNING TRIMBLE SURVEY CONTROLLER VERSION 12.22, ONE MOTOROLA RAZR CELLULAR MODEM, AND ONE SOKKIA SDL30 DIGITL LEVEL.

THE CENTERLINE OF THE CENTRAL OREGON AND PACIFIC RAILROAD WAS DETERMINED BY A SPLIT OF THE RAILS AT IT'S INTERSECTION WITH PINE STREET AND AT IT'S INTERSECTION WITH SCENIC AVENUE.

ALL DOCUMENT AND INSTRUMENT NUMBERS AS SHOWN HEREON ARE PER THE OFFICIAL RECORDS OF JACKSON COUNTY, OREGON.

THE CENTERLINE BEARINGS OF CHERRY STREET, MAPLE STREET, AND LAUREL STREET WERE RESOLVED BY HOLDING THE FOUND CENTERLINE MONUMENTS IN LAUREL STREET TIED AS POINT NUMBERS 1023 AND 1027. THE CENTERLINE OF MANZANITA STREET WAS DETERMINED BY HOLDING THE FOUND CENTERLINE MONUMENTS TIED AS POINT NUMBERS 1011 AND 1024. THE RESPECTIVE RIGHT-OF-WAY MARGINS WERE THEN OFFSET PARALLEL WITH SAID CENTERLINES THE RECORD DISTANCES AS SHOWN HEREON PER THEIR RESPECTIVE REFERENCE AS NOTED.

THE NORTH LINE OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 3, TOWNSHIP 37 SOUTH, RANGE 2 WEST OF THE WILLAMETTE MERIDIAN WAS DETERMINED BY HOLDING THE FOUND MONUMENT TIED AS POINT NO. 1028 (THE SOUTHEAST 1/16 CORNER), AND A LINE 10.00 FEET NORTHERLY OF AND TANGENT TO THE FOUND MONUMENT TIED AS POINT NO. 1022, AS ALSO SHOWN ON COUNTY SURVEY NUMBERS 6148 AND 19749. SAID NORTH LINE IS ALSO THE NORTH LINE OF THE OAK PARK ADDITION TO CENTRAL POINT.

"F" LINE - FRONT STREET (FORMER ROGUE VALLEY HIGHWAY)

THE CENTERLINE OF FRONT STREET, FORMERLY A PORTION OF THE ROGUE VALLEY HIGHWAY, WAS RESOLVED BY USING RECOVERED SURVEY MONUMENTS OF RECORD, OREGON DEPARTMENT OF TRANSPORTATION (ODOT) RIGHT-OF-WAY DRAWINGS AND ACQUISITION DOCUMENTS, THE CENTERLINE OF THE CENTRAL OREGON AND PACIFIC RAILROAD (CORP), AND RECORD MAPS OF SURVEY FILED IN THE JACKSON COUNTY SURVEYOR'S OFFICE. SAID CENTERLINE LOCATED AHEAD OF RESOLVED CENTERLINE STATION "F" 568+98.43 PT WAS POSITIONED BY HOLDING A LINE PARALLEL WITH THE CENTERLINE OF SAID RAILROAD AND 212.00 FEET DISTANT OF AS SHOWN ON ODOT RIGHT-OF-WAY DRAWING NO. 7B-22-17, AND AS STATED IN BOOK 194, PAGES 551, 552, AND 553 OF THE OFFICIAL RECORDS OF JACKSON COUNTY, OREGON, IN WHICH A 22 FOOT WIDE STRIP OF LAND LYING 178 FEET FROM, TO THE SOUTHWESTERLY EDGE, AND AT RIGHT ANGLES TO SAID RAILROAD CENTERLINE, WAS DEEDED TO THE STATE OF OREGON BY THE SOUTHERN PACIFIC RAILROAD. THE RECORD OFFSET OF 38.00 FEET NORTHEASTERLY OF SAID FRONT STREET CENTERLINE WAS HELD PER SAID ODOT DRAWING NO. 7B-22-17 AND IS COINCIDENT TO THE NORTHEASTERLY RIGHT-OF-WAY LINE AS SHOWN ON THE PLAT OF THE ORIGINAL TOWN OF CENTRAL POINT AND THE PLAT OF THE OAK PARK ADDITION TO CENTRAL POINT. THE FRONT STREET CENTERLINE TANGENTS AND CURVES BACK OF CENTERLINE STATION "F" 568+98.43 PT WERE RESOLVED BY USING THE RECORD DELTA ANGLES AND DEGREE OF CURVE DATA AS SHOWN ON SAID ODOT DRAWING NO. 7B-22-17. THE RESULTING CENTERLINE FITS THE RECORD STATION AND OFFSET OF THE FOUND MONUMENT TIED AS POINT NO. 1003 AS SHOWN ON SAID ODOT DRAWING NO. 7B-22-17. THIS RESOLUTION WAS CHOSEN BECAUSE NO DOCUMENTATION WAS FOUND THAT SUPPORTS THE CENTERLINE TANGENT BACK OF RESOLVED CENTERLINE STATION "F" 559+35.16 PS IS PARALLEL WITH SAID RAILROAD CENTERLINE, AND ALSO FITS THE RECOVERED ODOT SURVEY MONUMENTS AS SHOWN PER ODOT DRAWING NO. 7B-22-17 CLOSER THAN HOLDING A LINE PARALLEL WITH SAID RAILROAD. ODOT DRAWING NO. 7B-22-17 SHOWS A DIFFERENT CENTERLINE BEARING FOR SAID BACK TANGENT THAN FOR THE CENTERLINE TANGENT LYING AHEAD OF RESOLVED CENTERLINE STATION "F" 568+98.43 PT WHICH IS DOCUMENTED TO BE PARALLEL WITH SAID RAILROAD CENTERLINE. THE STATIONS AND OFFSETS TO THE RIGHT-OF-WAY MARGINS AND ANGLE POINTS AS SHOWN ON SAID ODOT DRAWING NO. 7B-22-17 AND THE ASSOCIATED RIGHT-OF-WAY ACQUISITION DOCUMENTS WERE HELD. THE RIGHT-OF-WAY MARGIN LYING BACK OF RESOLVED CENTERLINE STATION "F" 564+17.01 PCS IS COMMON TO THE NORTHEASTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD AS SHOWN ON SAID ODOT DRAWING NO. 7B-22-17, ODOT DRAWING NO. 3B-02-09, AND AS CALLED FOR IN VOLUME 396, PAGE 114 OF THE OFFICIAL RECORDS OF JACKSON COUNTY, OREGON. "F" LINE CENTERLINE STATIONING IS BASED ON THE FOUND MONUMENT TIED AS POINT NO. 1003, BEING STATION "F" 559+35.16 PS. THE RESOLVED LOCATION OF THE RIGHT-OF-WAY MARGINS LYING BETWEEN THE NORTHEASTERLY RIGHT-OF-WAY MARGIN OF THE "F" LINE AND THE SOUTHWESTERLY RIGHT-OF-WAY MARGIN OF FRONT STREET AS PER PLAT OF THE OAK PARK ADDITION TO CENTRAL POINT RESULTS IN A PARCEL OF LAND SURROUNDED BY RIGHT-OF-WAY. THIS IS ALSO SHOWN TO EXIST ON ODOT DRAWING NO. 7B-22-17 AND IS ALSO RECOGNIZED BY THE JACKSON COUNTY ASSESSOR AS SHOWN ON MAP NO. 37-2W-03-DC.

SHEET LAYOUT DIAGRAM
NOT TO SCALE

LEGEND	
★	SET GPS POINT (ORGN RTK)
---	EDGE OF PAVEMENT

REGISTERED PROFESSIONAL LAND SURVEYOR
AB
 OREGON
 JULY 12, 2005
 ARON JAMES CUTSFORTH
 65696
 RENEWAL: DEC. 31, 2013

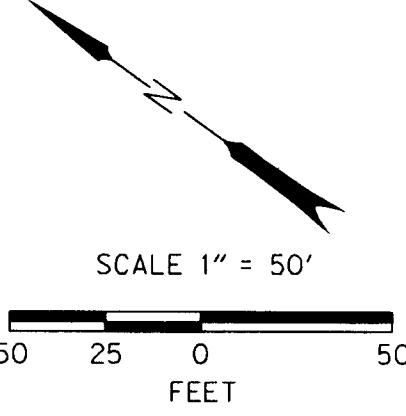
J. COLTON OBC
 APPROVED BY: DIVISION MANAGER FILE NAME: 05480015ret.dgn
 Corporate Office: 920 COUNTRY CLUB ROAD, SUITE 100B EUGENE, OREGON 97401-6089, 541-683-6090
 2235 MISSION STREET SE, SUITE 100 SALEM, OREGON 97302-1295, 503-589-4100
 831 OHARE PARKWAY MEDFORD, OREGON 97504-4005, 541-774-5590
 5005 SW MEADOWS ROAD, SUITE 120 LAKE OSWEGO, OREGON 97035, 503-620-6103

CITY OF CENTRAL POINT
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY
 FRONT STREET (ROGUE VALLEY HIGHWAY):
 BICYCLE, PEDESTRIAN, AND STREETScape
 JACKSON COUNTY

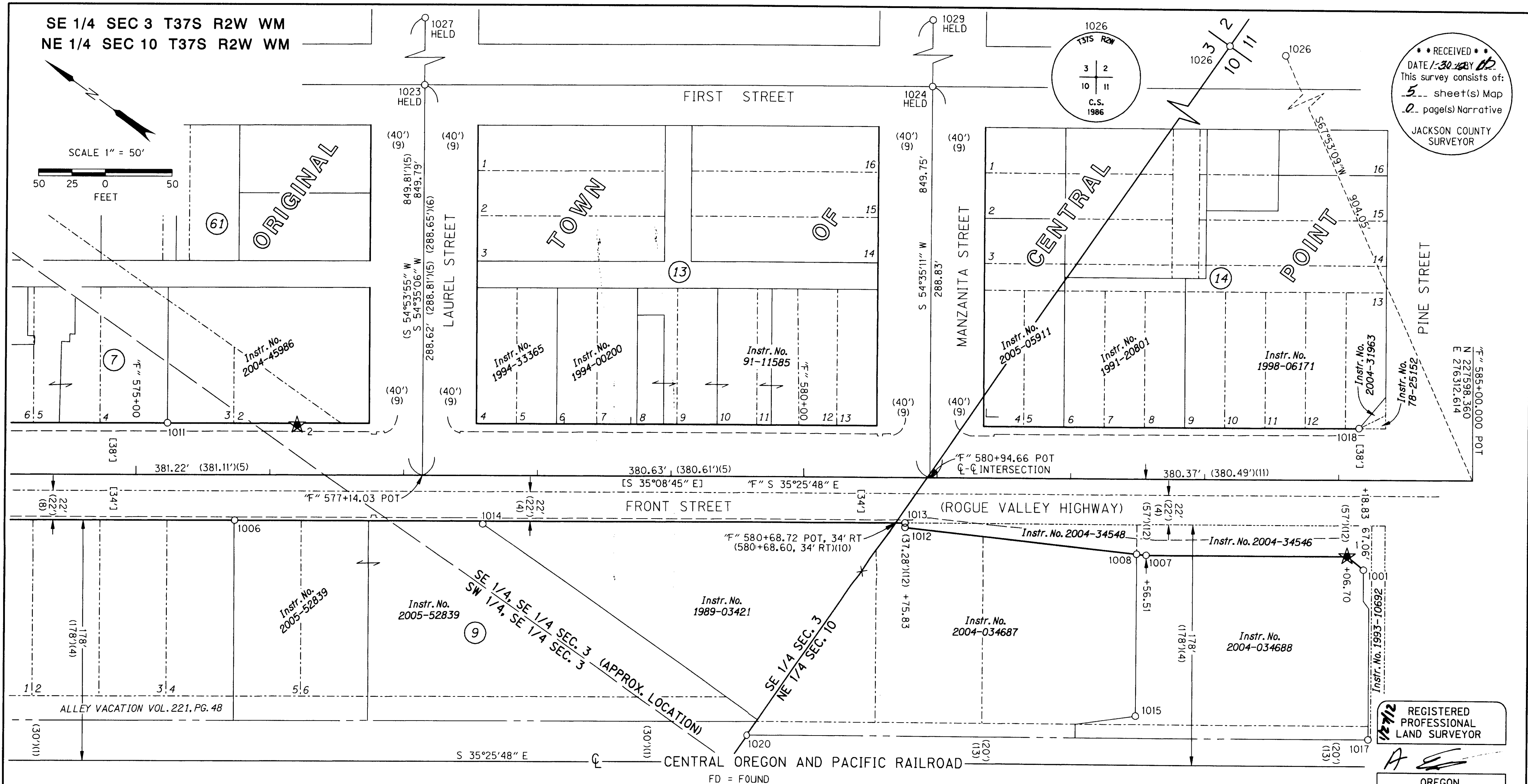
CITY OF CENTRAL POINT JANUARY, 2012
 140 S. THIRD STREET NO SCALE
 CENTRAL POINT, OR 97502 SHEET 1 OF 5

DESIGNED: A. CUTSFORTH PROJ. NO. 0548-0015
 DRAWN: A. CUTSFORTH CHK'D: J. COLTON

SE 1/4 SEC 3 T37S R2W WM
NE 1/4 SEC 10 T37S R2W WM



ORIGINAL



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JACKSON COUNTY SURVEYOR

REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON
JULY 12, 2005
ARON JAMES CUTSFORTH
65696
RENEWAL: DEC. 31, 2013

SEE SHEET 3 FOR LEGEND

FD = FOUND
CS = COUNTY SURVEY
YPC = YELLOW PLASTIC CAP
J.C.S.C.R. = JACKSON COUNTY SURVEYOR'S CORNER RECORDS

RECOVERED MONUMENT LIST

ALL FOUND MONUMENTS ARE IN GOOD CONDITION UNLESS NOTED OTHERWISE

PT NO	OCRS NORTHING	OCRS EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1	227641.47	276212.09	"F" 584+06.60	56.92' RT	11/14/11	FD 5/8" IRON ROD W/YPC STAMPED "RANDY L FITCH LS 2867", FLUSH, PER CS 18827 (USED FOR CONTROL)
1001	227625.62	276210.92	"F" 584+18.83	67.06' RT	11/15/11	FD 5/8" IRON ROD W/YPC STAMPED "RANDY L FITCH LS 2867", FLUSH, PER CS 18827
1006	228333.26	275746.01	"F" 575+73.88	34.02' RT	11/28/11	FD RAILROAD SPIKE, "LS, 1071" FLUSH, PER CS 16751
1007	227763.78	276125.11	"F" 582+56.51	56.89' RT	11/28/11	FD 5/8" IRON ROD W/YPC; (ILLEGIBLE), FLUSH, PER CS 18827
1008	227770.01	276121.59	"F" 582+49.40	56.15' RT	11/28/11	FD 5/8" IRON ROD W/YPC; (ILLEGIBLE), FLUSH, PER CS 18827
1011	228416.29	275777.39	"F" 575+23.26	38.04' LT	11/29/11	FD 5/8" IRON ROD, DOWN 0.5", PER CS 5670
1012	227922.41	276036.40	"F" 580+75.83	37.22' RT	11/29/11	FD 1" COPPER DISK STAMPED "OBEC LS 2867" IN SIDEWALK, PER CS 18827
1013	227924.31	276039.10	"F" 580+75.85	33.91' RT	11/29/11	FD 1" COPPER DISK STAMPED "OBEC LS 2867" IN SIDEWALK, PER CS 18827
1014	228180.91	275853.78	"F" 577+59.33	36.16' RT	11/29/11	FD 3/4" IRON ROD, DOWN 0.2", PER CS 845
1015	227700.90	276024.12	N/A	N/A	11/29/11	FD 5/8" IRON ROD, FLUSH, PER CS 10400
1017	227549.85	276111.55	N/A	N/A	11/29/11	FD 1" COPPER DISK STAMPED "OBEC LS 2867" IN SIDEWALK, PER CS 18827
1018	227689.65	276294.43	"F" 584+15.07	38.10' LT	11/29/11	FD 1" COPPER DISK STAMPED "OBEC LS 2867" IN SIDEWALK, PER CS 18827
1020	227928.58	275841.98	N/A	N/A	11/29/11	FD 5/8" IRON ROD W/YPC STAMPED "FARBER PLS 2189", FLUSH, PER CS 18411
1023	228406.04	276092.20	N/A	N/A	11/29/11	FD 2-1/2" BRASS CAP W/PUNCH MARK IN MONUMENT CASE, DOWN 0.2", PER CS 20253
1024	228096.01	276313.03	N/A	N/A	11/29/11	FD STEM OF BRASS CAP, DOWN 0.2", PER CS 3547
1026	227938.69	277150.16	N/A	N/A	11/29/11	FD 2-1/2" BRASS CAP STAMPED "T37S R2W 2,3,10,11 CS 1986" IN CONCRETE SIDEWALK, J.C.S.C.R.
1027	228731.23	276549.54	N/A	N/A	11/29/11	FD 2" BRASS CAP W/PUNCH MARK, DOWN 0.2", PER CS 3547
1029	228421.05	276770.17	N/A	N/A	11/29/11	FD 2" BRASS CAP W/PUNCH MARK, DOWN 0.2", PER CS 3547

FILE NAME: 05480015ret.dgn

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Corporate Office: 920 COUNTRY CLUB ROAD, SUITE 100B EUGENE, OREGON 97401-6089, 541-683-6090
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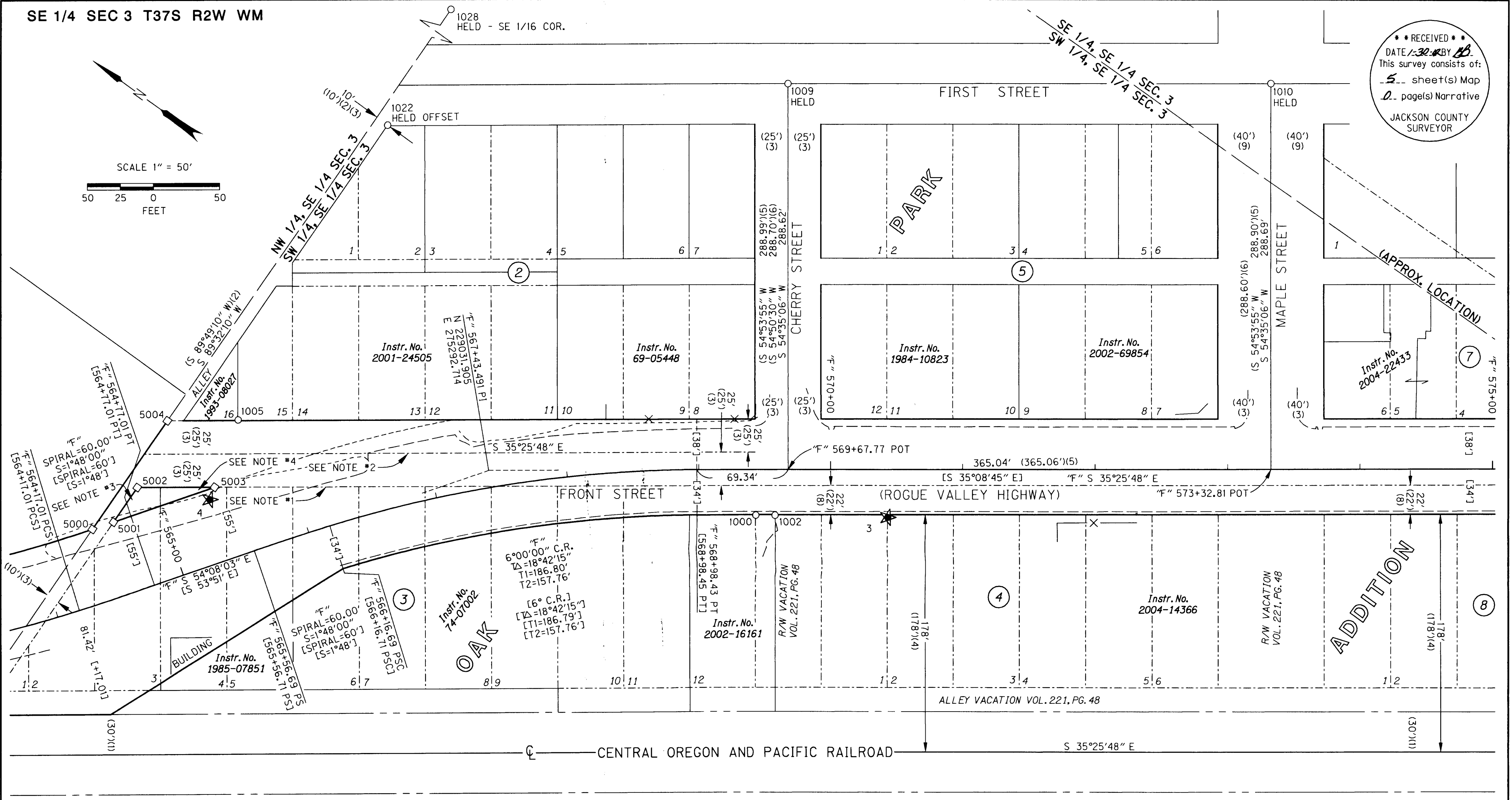
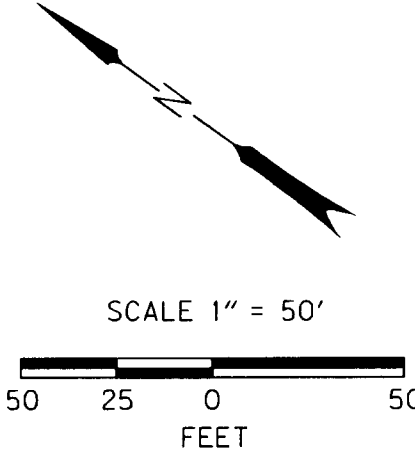
CITY OF CENTRAL POINT
HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY
FRONT STREET (ROGUE VALLEY HIGHWAY):
BICYCLE, PEDESTRIAN, AND STREETSCAPE
JACKSON COUNTY

CITY OF CENTRAL POINT
140 S. THIRD STREET
CENTRAL POINT, OR 97502
JANUARY, 2012
SCALE 1" = 50'
SHEET 5 OF 5

DESIGNED: A. CUTSFORTH
DRAWN: A. CUTSFORTH
CHK'D: J. COLTON
PROJ. NO. 0548-0015

SE 1/4 SEC 3 T37S R2W WM

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 JACKSON COUNTY
 SURVEYOR



NOTES:

- *1 RIGHT-OF-WAY PER THE PLAT OF OAK PARK ADDITION TO CENTRAL POINT
- *2 CENTERLINE PER THE PLAT OF OAK PARK ADDITION TO CENTRAL POINT
- *3 REFERENCE INSTRUMENT NO. 97-48283
- *4 REFERENCE INSTRUMENT NO. 2009-30364

FD = FOUND
 CS = COUNTY SURVEY
 YPC = YELLOW PLASTIC CAP

SEE SHEET 3 FOR LEGEND

RECOVERED MONUMENT LIST ALL FOUND MONUMENTS ARE IN GOOD CONDITION UNLESS NOTED OTHERWISE J.C.S.C.R. = JACKSON COUNTY SURVEYOR'S CORNER RECORDS

PT NO	OCRS NORTHING	OCRS EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1000	228847.16	275381.94	"F" 569+42.93	34.39' RT	11/15/11	FD RAILROAD SPIKE, STAMPED "LS 1071" WITH PUNCH MARK, FLUSH, PER CS 16751
1002	228835.10	275390.54	"F" 569+57.74	34.39' RT	11/28/11	FD 5/8" IRON ROD W/YPC, STAMPED "NEATHAMER LS 2675" DOWN 0.1', PER CS 18284
1005	229208.25	275214.42	"F" 565+76.39	97.06' LT	11/28/11	FD 5/8" IRON ROD, FLUSH, PER CS 6148
1009	229014.11	275659.58	N/A	N/A	11/29/11	FD 2-1/2" BRASS CAP W/PUNCH MARK IN MONUMENT BOX, DOWN 0.3', PER CS 20144
1010	228716.71	275871.25	N/A	N/A	11/29/11	FD 2-1/2" BRASS CAP W/PUNCH MARK IN MONUMENT BOX, DOWN 0.4', PER CS 20144
1022	229243.76	275459.74	N/A	N/A	11/29/11	FD 5/8" IRON ROD, DOWN 0.2', PER CS 6148
1028	229256.57	275806.57	N/A	N/A	12/5/11	FD 2-1/2" BRASS SPRINKLER TOP, DOWN 1.1', PER J.C.S.C.R.

REGISTERED PROFESSIONAL LAND SURVEYOR
 OREGON
 JULY 12, 2005
 ARON JAMES CUTSFORTH
 65696
 RENEWAL: DEC. 31, 2013

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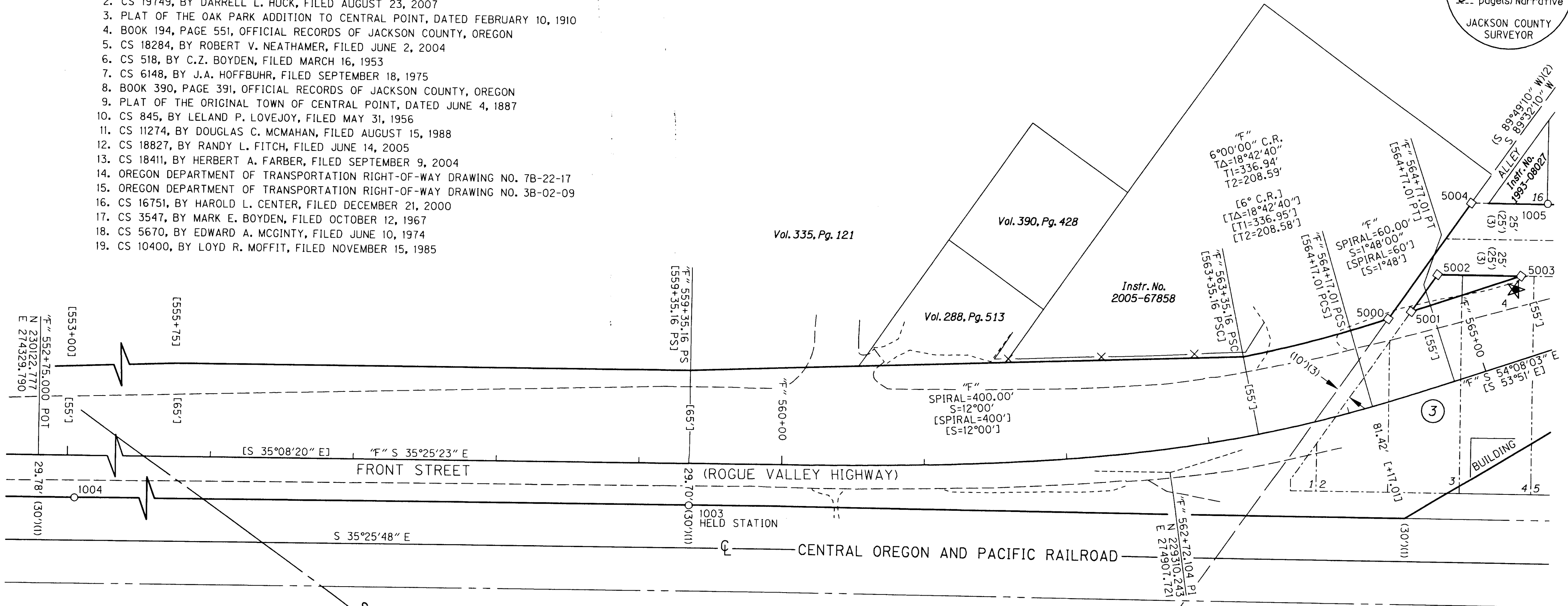
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 JACKSON COUNTY
 CITY OF CENTRAL POINT
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 JANUARY, 2012
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 DRAWN: A. CUTSFORTH
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SE 1/4 SEC 3 T37S R2W WM
SW 1/4 SEC 3 T37S R2W WM

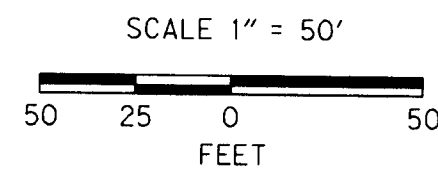
REFERENCES

- SOUTHERN PACIFIC COMPANY RIGHT-OF-WAY AND TRACK MAP NO. 60728/5, REVISED MAY 13, 1943
- CS 19749, BY DARRELL L. HUCK, FILED AUGUST 23, 2007
- PLAT OF THE OAK PARK ADDITION TO CENTRAL POINT, DATED FEBRUARY 10, 1910
- BOOK 194, PAGE 551, OFFICIAL RECORDS OF JACKSON COUNTY, OREGON
- CS 18284, BY ROBERT V. NEATHAMER, FILED JUNE 2, 2004
- CS 518, BY C.Z. BOYDEN, FILED MARCH 16, 1953
- CS 6148, BY J.A. HOFFBUHR, FILED SEPTEMBER 18, 1975
- BOOK 390, PAGE 391, OFFICIAL RECORDS OF JACKSON COUNTY, OREGON
- PLAT OF THE ORIGINAL TOWN OF CENTRAL POINT, DATED JUNE 4, 1887
- CS 845, BY LELAND P. LOVEJOY, FILED MAY 31, 1956
- CS 11274, BY DOUGLAS C. MCMAHAN, FILED AUGUST 15, 1988
- CS 18827, BY RANDY L. FITCH, FILED JUNE 14, 2005
- CS 18411, BY HERBERT A. FARBER, FILED SEPTEMBER 9, 2004
- OREGON DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY DRAWING NO. 7B-22-17
- OREGON DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY DRAWING NO. 3B-02-09
- CS 16751, BY HAROLD L. CENTER, FILED DECEMBER 21, 2000
- CS 3547, BY MARK E. BOYDEN, FILED OCTOBER 12, 1967
- CS 5670, BY EDWARD A. MCGINTY, FILED JUNE 10, 1974
- CS 10400, BY LOYD R. MOFFIT, FILED NOVEMBER 15, 1985

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JACKSON COUNTY SURVEYOR



SE 1/4 SEC. 3 (APPROX. LOCATION)
SW 1/4 SEC. 3



LEGEND

- [] RECORD DATA PER ODOT DRAWING NO. 7B-22-17
- () RECORD DATA PER REFERENCE LIST ON SHEET 3
- FOUND MONUMENT NOTED IN TABLE
- CALCULATED POINT, NO MONUMENT FOUND OR SET
- ★ SET GPS POINT (ORGN RTK)
- RIGHT-OF-WAY LINE
- PROPERTY LINE OR UNRESOLVED RIGHT-OF-WAY LINE
- ORIGINAL SUBDIVISION LOT LINE OR RIGHT-OF-WAY LINE
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- X- EXISTING FENCE

RECOVERED MONUMENT LIST

PT NO	OCRS NORTHING	OCRS EASTING	STATION	OFFSET	DESCRIPTION
5000	229250.72	275084.07	"F" 564+45.74	55.00' LT	CALCULATED POINT, NO MONUMENT FOUND OR SET
5001	229240.83	275097.62	"F" 564+62.89	55.00' LT	CALCULATED POINT, NO MONUMENT FOUND OR SET
5002	229241.08	275129.17	"F" 564+88.40	73.70' LT	CALCULATED POINT, NO MONUMENT FOUND OR SET
5003	229193.58	275162.96	"F" 565+43.62	55.00' LT	CALCULATED POINT, NO MONUMENT FOUND OR SET
5004	229251.52	275183.10	"F" 565+26.00	113.76' LT	CALCULATED POINT, NO MONUMENT FOUND OR SET

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PT NO	OCRS NORTHING	OCRS EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1003	229567.43	274687.97	"F" 559+35.16	30.01' RT	11/28/11	FD 5/8" IRON ROD, BENT, DOWN 0.2', PER ODOT DWG. NO. 7B-22-17
1004	230084.63	274320.21	"F" 553+00.53	29.91' RT	11/28/11	FD 5/8" IRON ROD, DOWN 0.9', PER ODOT DWG. NO. 7B-22-17

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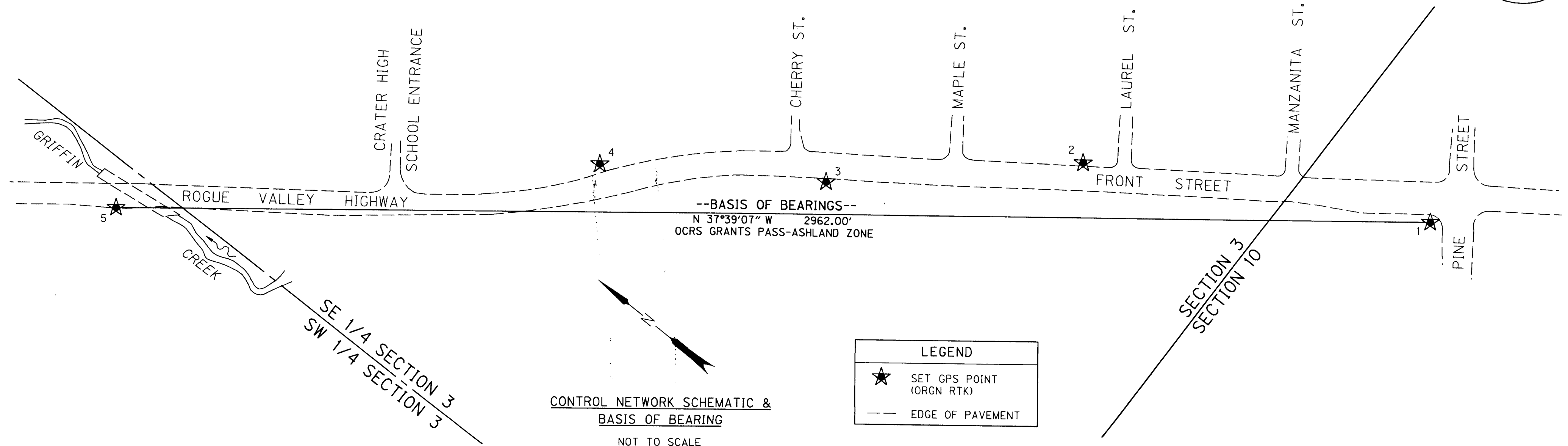
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CONTROL NARRATIVE

PROJECT: FRONT STREET (ROGUE VALLEY HIGHWAY); BICYCLE, PEDESTRIAN, AND STREETSCAPE
 LOCATION: CENTRAL POINT, JACKSON COUNTY, OREGON
 OBEC PROJECT: 0548-0015
 SURVEY DATUM:
 HORIZONTAL - OCRS: GRANTS PASS-ASHLAND ZONE
 NAD83 (CORS96) EPOCH 2002 (INTERNATIONAL FEET)

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 5. THE MEAN NORTHINGS AND EASTINGS OF TWO SEPARATE OBSERVATIONS 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 CENTRAL POINT AND OBEC CONSULTING ENGINEERS IN SUPPORT OF FUTURE PROJECTS. IT IS NOT THE INTENT OF THE CITY OF CENTRAL POINT OR OBEC CONSULTING ENGINEERS TO PERPETUATE THESE CONTROL POINTS AS MONUMENTS.

VERTICAL CONTROL SURVEY

VERTICAL CONTROL IS BASED ON THE NAVD88 (GEOID09) DATUM AND WAS ESTABLISHED BY HOLDING THE ORGN DERIVED ELEVATION OF CONTROL POINT NUMBER 1. A DIGITAL LEVEL LOOP WAS THEN RUN THROUGH CONTROL POINTS 2 THROUGH 5.

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

TRANSVERSE MERCATOR PROJECTION
 NORTH AMERICAN DATUM 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)

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

PT NO	SOLUTION	RMS
1	WIDE AREA RTK - L1 FIXED	0.01'
2	WIDE AREA RTK - L1 FIXED	0.02'
3	WIDE AREA RTK - L1 FIXED	0.01'
4	WIDE AREA RTK - L1 FIXED	0.01'
5	WIDE AREA RTK - L1 FIXED	0.01'

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.

1/27/12
 REGISTERED PROFESSIONAL LAND SURVEYOR
 ARON JAMES CUTSFORTH
 OREGON
 JULY 12, 2005
 65696
 RENEWAL: DEC. 31, 2013

CONTROL POINT COORDINATE TABLE

* = LEVELED ELEVATION

FD = FOUND
 RPC = RED PLASTIC CAP
 YPC = YELLOW PLASTIC CAP

PT. NO.	OCRS NORTHING	OCRS EASTING	ELEVATION	ELLIPSOID HEIGHT	GEOIDAL SEPARATION	CONVERGENCE ANGLE	DATE	DESCRIPTION
1	227641.47	276212.09	1274.13'	1194.47'	-79.66'	0°16'47"	11/14/11	FD 5/8" IRON ROD W/YPC STAMPED "RANDY L FITCH LS 2867"
2	228336.56	275832.46	1271.91'*	N/A	N/A	0°16'44"	11/14/11	SET 1" COPPER DISK IN CONCRETE SIDEWALK STAMPED "OBEC"
3	228764.75	275438.57	1269.03'*	N/A	N/A	0°16'40"	11/14/11	SET 5/8" X 12" REBAR W/RPC STAMPED "OBEC CONTROL"
4	229191.17	275153.29	1265.78'*	N/A	N/A	0°16'38"	11/14/11	SET 1" COPPER DISK IN CONCRETE UTILITY VAULT STAMPED "OBEC"
5	229986.59	274402.71	1254.39'*	N/A	N/A	0°16'31"	11/14/11	SET MAGNAIL AND WASHER STAMPED "OBEC CONTROL"

FILE NAME: 05480015ret.dgn

OBEC CONSULTING ENGINEERS
 Corporate Office: 920 COUNTRY CLUB ROAD, SUITE 100B EUGENE, OREGON 97401-6089, 541-683-6090
 2235 MISSION STREET SE, SUITE 100 SALEM, OREGON 97302-1295, 503-589-4100
 831 O'HARE PARKWAY WEDFORD, OREGON 97504-4005, 541-774-5590
 5005 SW MEADOWS ROAD, SUITE 120 LAKE OSWEGO, OREGON 97035, 503-620-6103

CITY OF CENTRAL POINT

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY
 FRONT STREET (ROGUE VALLEY HIGHWAY); BICYCLE, PEDESTRIAN, AND STREETSCAPE
 JACKSON COUNTY

CITY OF CENTRAL POINT
 140 S. THIRD STREET
 CENTRAL POINT, OR 97502

JANUARY, 2012
 NO SCALE
 SHEET 2 OF 5

DESIGNED: A. CUTSFORTH
 DRAWN: A. CUTSFORTH
 PROJ. NO. 0548-0015
 CHK'D: J. COLTON