

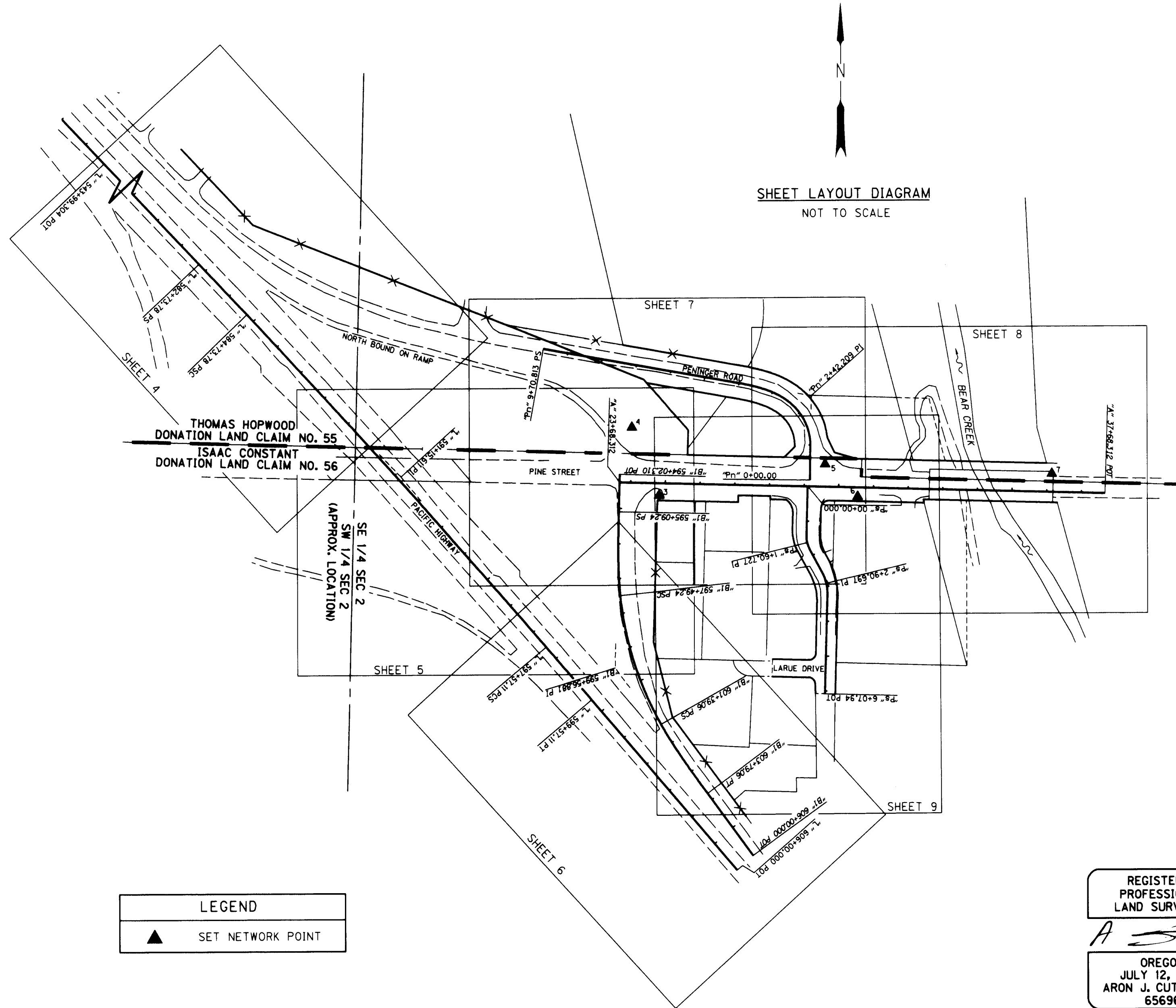
SW 1/4 SEC 2 T37S R2W WM
SE 1/4 SEC 2 T37S R2W WM

SHEET INDEX

1. SHEET LAYOUT, SHEET INDEX AND REFERENCES
2. CONTROL NETWORK AND BASIS OF BEARING
3. NARRATIVE
- 4.-9. SURVEY

RECEIVED
DATE 4-20-10 BY AS
This survey consists of:
9 sheet(s) Map
2 page(s) Narrative
JACKSON COUNTY SURVEYOR

SHEET LAYOUT DIAGRAM
NOT TO SCALE



REFERENCES

1. CS 14044, BY JAMES E. HIBBS, DATED JUNE 6, 1994
2. CS 16714, BY DAVID M. MINNECI, DATED NOVEMBER 21, 2000
3. CS 13836, BY DAVID M. MINNECI, DATED JANUARY 28, 1994
4. CS 17900, BY DAVID M. MINNECI, DATED AUGUST 29, 2003
5. CS 13559, BY HERBERT A. FARBER, DATED JUNE 30, 1993
6. CS 13985, BY WILLIAM E. EDMUNSON, DATED APRIL 26, 1994
7. CS 1971, BY MARK E. BOYDEN, DATED APRIL 1962
8. CS 3433, BY EDWARD A. MCGINTY, DATED MAY 15, 1967
9. CS 3585, BY EDWARD A. MCGINTY, DATED NOVEMBER 8, 1967
10. CS 1925, BY L.P. LOVEJOY, DATED MAY 22, 1962
11. CS 8589, BY EDWARD A. MCGINTY, NOVEMBER 12, 1980
12. ODOT DRAWING NO. 88-8-23
13. ODOT DRAWING NO. 1A-13-26
14. ODOT DRAWING NO. 9B-11-8
15. ODOT DRAWING NO. 1R-2-1253
16. CENTRAL POINT MARKET ROAD DRAWING DATED FEBRUARY 20, 1947
17. INSTRUMENT NO. 02-23583
18. INSTRUMENT NO. 90-20436
19. VOLUME 236, PAGE 297
20. INSTRUMENT NO. 79-22985
21. VOLUME 279, PAGE 620
22. VOLUME 471, PAGE 273
23. VOLUME 467, PAGE 464
24. INSTRUMENT NO. 97-00501
25. INSTRUMENT NO. 99-40831
26. INSTRUMENT NO. 92-13906
27. INSTRUMENT NO. 90-25942
28. JACKSON COUNTY SURVEYOR CORNER NOTES, -SE COR DLC 55, T37S, R2W, W.M.
29. JACKSON COUNTY SURVEYOR CORNER NOTES, -SOUTH ELL COR DLC 55 & 56, T37S, R2W, W.M.

FILE NAME: 15254ret.dgn

Corporate Office: 920 COUNTRY CLUB ROAD, SUITE 100B EUGENE, OREGON 97401-6089, 541-683-6090
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HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY
EAST PINE STREET: I-5 TO PENINGER ROAD
JACKSON COUNTY, OREGON
ODOT REGION 3
100 ANTELOPE ROAD
WHITE CITY, OR 97503
APRIL, 2010
NO SCALE
KEY NO. 15254
SHEET 1 OF 9

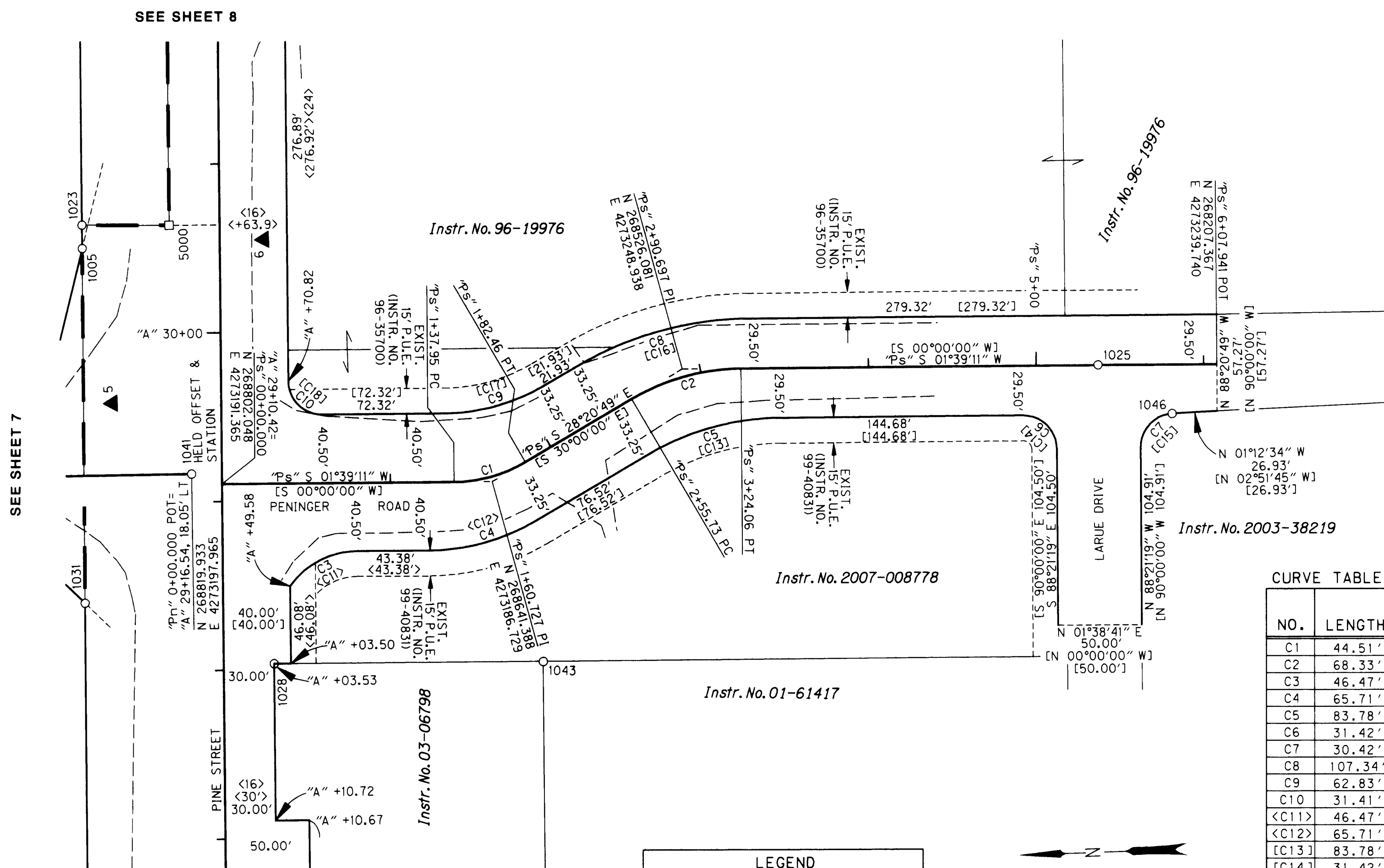
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▲ SET NETWORK POINT

REGISTERED PROFESSIONAL LAND SURVEYOR
ARON J. CUTSFORTH
OREGON JULY 12, 2005
65696
RENEWAL: DEC. 31, 2011

J. COLTON	OBEC	DESIGNED: A. CUTSFORTH	PROJ. NO. 019-098.07
APPROVED BY:	GROUP MANAGER	DRAWN: A. CUTSFORTH	CHK'D: W. DONOVAN

SE 1/4 SEC 2 T37S R2W WM

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 JACKSON COUNTY SURVEYOR

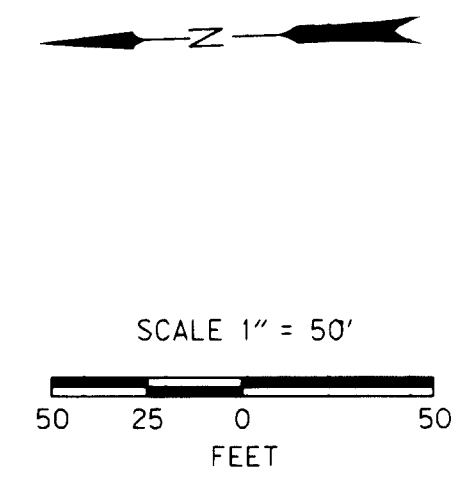


CURVE TABLE

NO.	LENGTH	RADIUS	DELTA ANGLE	CHORD LENGTH	CHORD BEARING
C1	44.51'	85.00'	30°00'00"	44.00'	S 13°20'49" E
C2	68.33'	130.50'	30°00'00"	67.55'	S 13°20'49" E
C3	46.47'	49.50'	90°07'06"	44.78'	S 25°14'26" E
C4	65.71'	125.50'	30°00'00"	64.96'	S 13°20'49" E
C5	83.78'	160.00'	30°00'00"	82.82'	S 13°20'49" E
C6	31.42'	20.00'	90°00'00"	28.28'	S 46°39'11" W
C7	30.42'	20.00'	87°08'44"	27.57'	S 44°46'41" E
C8	107.34'	205.00'	30°00'00"	106.12'	S 13°20'49" E
C9	62.83'	120.00'	30°00'00"	62.12'	S 13°20'49" E
C10	31.41'	20.02'	89°52'54"	28.29'	N 46°35'41" E
<C11>	46.47'	49.50'		44.78'	S 26°53'37" E
<C12>	65.71'	125.50'		64.96'	S 15°00'00" E
[C13]	83.78'	160.00'		82.82'	S 15°00'00" E
[C14]	31.42'	20.00'		28.28'	S 45°00'00" W
[C15]	30.42'	20.00'		27.57'	N 46°25'52" W
[C16]	107.34'	205.00'		106.12'	S 15°00'00" E
[C17]	62.83'	120.00'		62.12'	S 15°00'00" E
[C18]	31.38'	20.00'		28.26'	S 44°56'41" W

LEGEND

- < > RECORD DATA PER INSTRUMENT NO. 99-40831
- [] RECORD DATA PER INSTRUMENT NO. 97-00501
- FOUND MONUMENT NOTED IN TABLE
- ▲ SET NETWORK POINT
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- PROPERTY LINE
- - - EDGE OF PAVEMENT
- X- EXISTING FENCE



REGISTERED PROFESSIONAL LAND SURVEYOR

 OREGON
 JULY 12, 2005
 ARON J. CUTSFORTH
 65696
 RENEWAL: DEC. 31, 2011

FILE NAME: 15254ret.dgn
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RECOVERED MONUMENT LIST

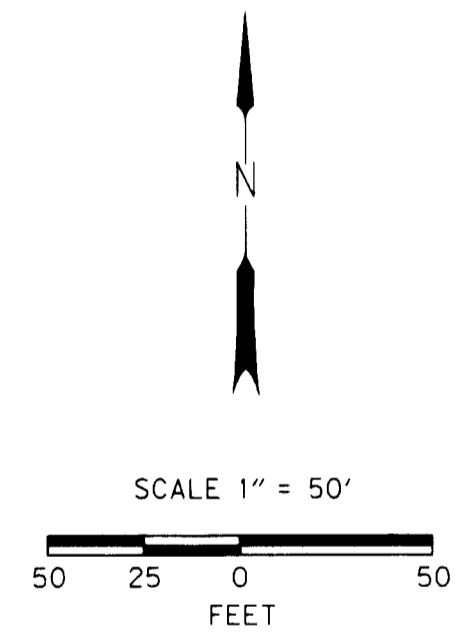
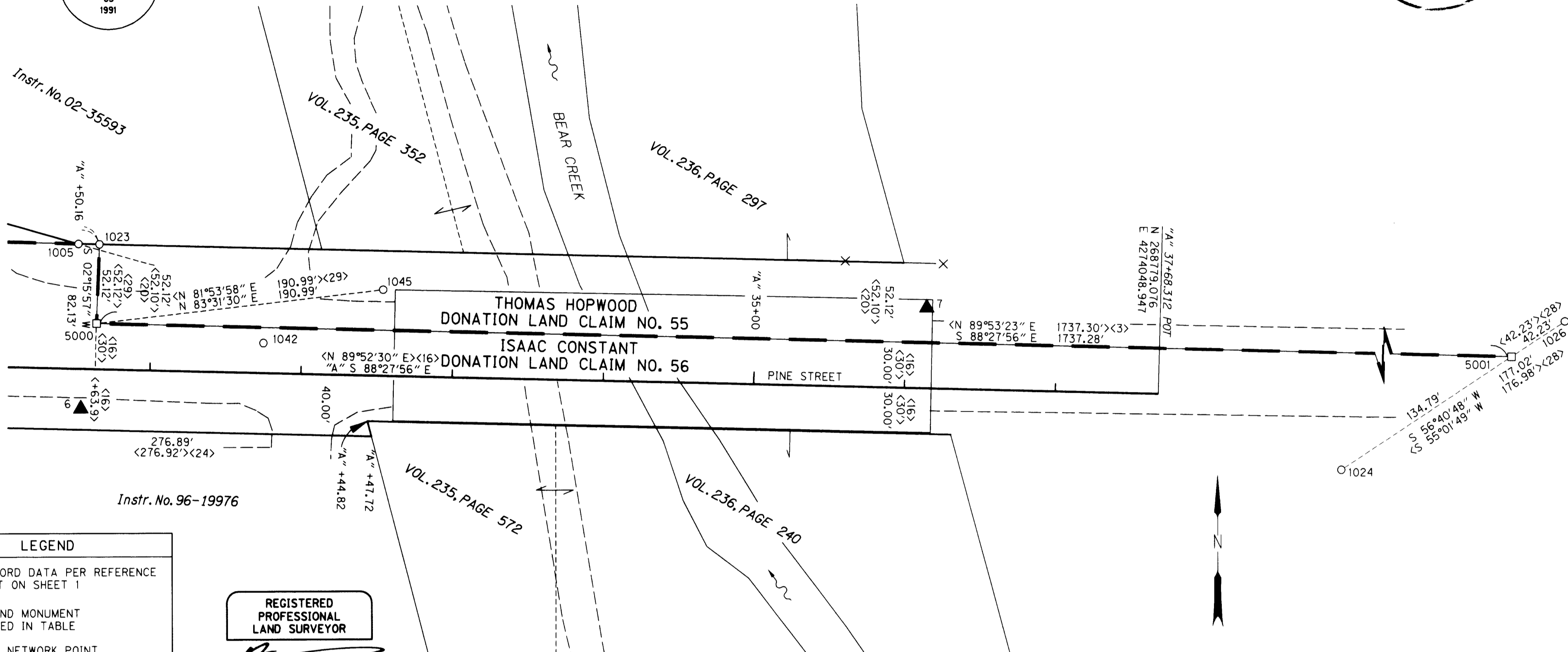
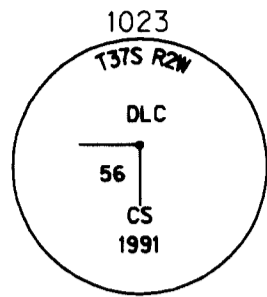
PT ID	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1023	268880.01	4273347.65	"A" 30+64.57	82.12' LT	03/10/10	FD 1" O.D. IRON PIPE W/2-1/2" BRASS CAP STAMPED "T37S R2W, DLC 56, CS 1991", DOWN 1.2', PER JCCR
1025	268278.35	4273241.90	"Ps" 5+36.92	0.12' LT	03/10/10	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP STAMPED "LS 2349", FLUSH, PER CS 17900
1043	268615.09	4273078.91	N/A	N/A	03/18/10	FD 5/8" IRON ROD W/YPC STAMPED "L.J. FRIAR & ASSOC.", DOWN 0.4', PER CS 14044
1046	268235.15	4273211.41	"Ps" 5+80.99	29.12' RT	03/22/10	FD TACK IN LEAD PLUG, FLUSH, PER CS 16714

ODOT REGION 3
 100 ANTELOPE ROAD
 WHITE CITY, OR 97503
 APRIL, 2010
 NO SCALE
 KEY NO. 15254
 SHEET 9 OF 9

DESIGNED: A. CUTSFORTH
 DRAWN: A. CUTSFORTH
 CHK'D: W. DONOVAN
 PROJ. NO. 019-098.07

SE 1/4 SEC 2 T37S R2W WM
SW 1/4 SEC 1 T37S R2W WM

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SURVEYOR



LEGEND

- < > RECORD DATA PER REFERENCE LIST ON SHEET 1
- FOUND MONUMENT NOTED IN TABLE
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- RIGHT-OF-WAY
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[Signature]
OREGON
JULY 12, 2005
ARON J. CUTSFORTH
65696
RENEWAL: DEC. 31, 2011

CALCULATED POINT TABLE

PT ID	LDP NORTHING	LDP EASTING	DESCRIPTION
5000	268827.93	4273345.59	SOUTH ELL CORNER, DLC 55 & 56, CALCULATED POSITION, NO MONUMENT FOUND OR SET
5001	268781.41	4275082.25	SOUTHEAST CORNER OF DLC NO. 55, CALCULATED POSITION, NO MONUMENT FOUND OR SET

RECOVERED MONUMENT LIST

PT ID	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1023	268880.01	4273347.65	"A" 30+64.57	82.12' LT	03/10/10	FD 1" O.D. IRON PIPE W/2-1/2" BRASS CAP STAMPED "T37S R2W, DLC 56, CS 1991", DOWN 1.2', PER JCCR
1024	268707.36	4274969.62	N/A	N/A	03/10/10	FD 2-1/2" BRASS DISK STAMPED "JACKSON COUNTY SURVEYOR, REF. MON. NO. 2, 2000, UNLAWFUL TO DISTURB" W/PUNCH MARK, FLUSH, PER JCCR
1026	268804.60	4275117.54	N/A	N/A	03/10/10	FD 2-1/2" BRASS DISK STAMPED "JACKSON COUNTY SURVEYOR, T37S R2W, SE 55 DLC REF. MON. NO. 1, 2000, UNLAWFUL TO DISTURB" W/PUNCH MARK, FLUSH, PER JCCR
1042	268814.69	4273455.97	"A" 31+74.59	19.73' LT	03/18/10	FD 3" BRASS DISK STAMPED "OREGON STATE HIGHWAY DIV. REFERENCE", FLUSH, PER CS 13985
1045	268849.47	4273535.36	"A" 32+53.03	56.61' LT	03/18/10	FD TACK IN LEAD PLUG, FLUSH, PER JCCR

FD = FOUND
CS = COUNTY SURVEY
O.D. = OUTSIDE DIAMETER
JCCR = JACKSON COUNTY CORNER RECORDS

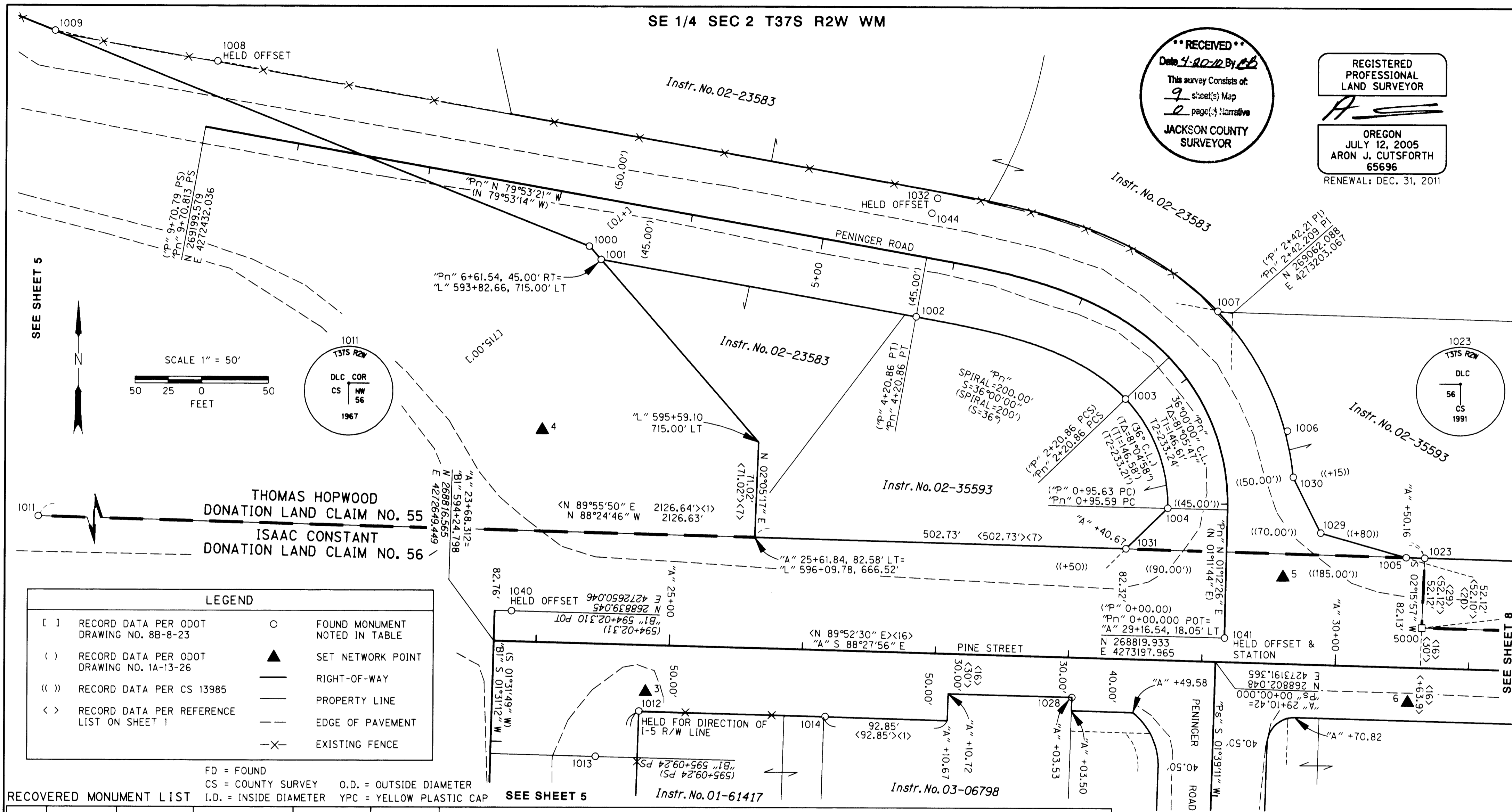
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JACKSON COUNTY, OREGON
ODOT REGION 3
100 ANTELOPE ROAD
WHITE CITY, OR 97503
DESIGNED: A. CUTSFORTH
DRAWN: A. CUTSFORTH
APRIL, 2010
NO SCALE
SHEET 8 OF 9
KEY NO. 15254
PROJ. NO. 019-098.07
CHK'D: W. DONOVAN

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OREGON
 JULY 12, 2005
 ARON J. CUTSFORTH
 65696
 RENEWAL: DEC. 31, 2011



THOMAS HOPWOOD DONATION LAND CLAIM NO. 55
 ISAAC CONSTANT DONATION LAND CLAIM NO. 56

LEGEND

[]	RECORD DATA PER ODOT DRAWING NO. 8B-8-23	○	FOUND MONUMENT NOTED IN TABLE
()	RECORD DATA PER ODOT DRAWING NO. 1A-13-26	▲	SET NETWORK POINT
(())	RECORD DATA PER CS 13985	—	RIGHT-OF-WAY
< >	RECORD DATA PER REFERENCE LIST ON SHEET 1	—	PROPERTY LINE
		---	EDGE OF PAVEMENT
		-X-	EXISTING FENCE

FD = FOUND
 CS = COUNTY SURVEY O.D. = OUTSIDE DIAMETER
 I.D. = INSIDE DIAMETER YPC = YELLOW PLASTIC CAP

RECOVERED MONUMENT LIST

PT ID	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1000	269110.94	4272719.73	"L" 593+69.65	714.92' LT	03/10/10	FD 3/4" I.D. IRON PIPE, DOWN 0.4', PER CS 1971
1001	269101.05	4272728.62	"Pn" 6+61.54	44.93' LT	03/10/10	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP STAMPED "OREGON DEPT OF TRANS", DOWN 0.4', PER CS 13985
1002	269058.84	4272965.64	"Pn" 4+20.79	44.88' LT	03/10/10	FD 5/8" IRON ROD, DOWN 0.3', PER CS 13985
1003	268997.95	4273123.05	"Pn" 2+20.89	45.09' LT	03/10/10	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP STAMPED "OREGON DEPT OF TRANS", DOWN 0.1', PER CS 13985
1004	268916.60	4273155.03	"Pn" 0+95.80	44.97' LT	03/10/10	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP STAMPED "OREGON DEPT OF TRANS", DOWN 0.2', PER CS 13985
1005	268880.34	4273333.74	"Pn" 0+63.25	134.47' RT	03/10/10	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP STAMPED "OREGON DEPT OF TRANS", BENT, DOWN 0.1', PER CS 13985
1006	268974.45	4273244.40	"Pn" 1+41.38	51.84' RT	03/10/10	FD RAILROAD SPIKE, DOWN 0.5', NO RECORD FOUND
1007	269063.62	4273191.93	"Pn" 2+20.55	50.07' RT	03/10/10	FD 5/8" IRON ROD, BENT, UP 0.1', PER CS 13985
1008	269248.80	4272440.81	"Pn" 9+70.81	50.00' RT	03/10/10	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP STAMPED "OREGON DEPT OF TRANS", DOWN 0.1', PER CS 13985
1009	269271.12	4272318.73	"L" 589+91.20	522.55' LT	03/10/10	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP STAMPED "OREGON DEPT OF TRANS", FLUSH, PER CS 13985
1014	268760.15	4272898.46	"L" 26+18.74	49.73' RT	03/10/10	FD 5/8" IRON ROD W/YPC STAMPED "L.J. FRIAR & ASSOC.", FLUSH, PER CS 14044
1023	268880.01	4273347.65	"A" 30+64.57	82.12' LT	03/10/10	FD 1" O.D. IRON PIPE W/2-1/2" BRASS CAP STAMPED "T37S R2W, DLC 56, CS 1991", DOWN 1.2', PER JCCR
1028	268774.98	4273083.71	"A" 28+03.53	29.94' RT	03/16/10	FD 5/8" IRON ROD W/YPC STAMPED "FARBER LS 2189", DOWN 0.9', PER CS 13559
1029	268898.42	4273269.68	"Pn" 0+79.98	70.05' RT	03/16/10	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP STAMPED "OREG STATE HWY DIV", DOWN 0.4', PER CS 13985
1030	268939.99	4273248.97	"Pn" 1+15.05	50.02' RT	03/16/10	FD 5/8" IRON ROD, DOWN 0.2', PER CS 13985
1031	268886.27	4273123.80	"Pn" 0+64.76	75.55' LT	03/16/10	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP (ILLEGIBLE), DOWN 0.6', PER CS 13985
1032	269147.33	4272981.38	"Pn" 4+20.83	45.00' RT	03/16/10	FD 5/8" IRON ROD, DOWN 0.6', PER CS 13985
1041	268819.93	4273197.97	"Pn" 0+00.00	00.00' RT	03/18/10	FD 3" BRASS DISK IN CONC. (ILLEGIBLE) W/ PUNCH MARK, FLUSH, PER CS 13985
1044	269136.17	4272977.15	"Pn" 4+23.03	33.27' RT	03/18/10	FD 1" O.D. IRON PIPE, BENT, DOWN 1.1', PER CS 1971

SEE SHEET 5 SEE SHEET 8 SEE SHEET 9 FILE NAME: 15254ret.dgn

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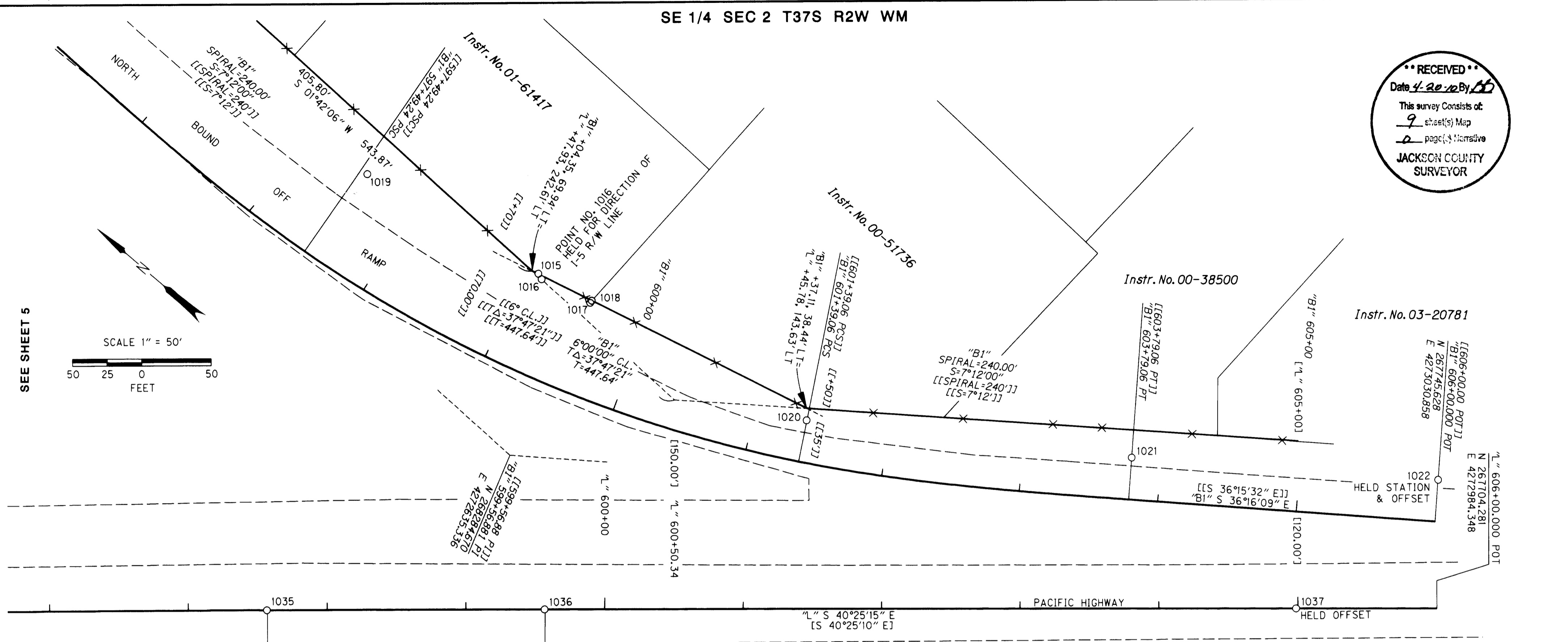
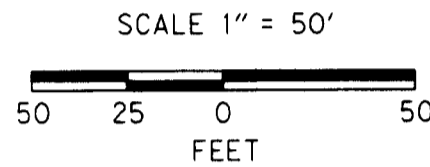
ODOT REGION 3 APRIL, 2010
 100 ANTELOPE ROAD NO SCALE
 WHITE CITY, OR 97503 KEY NO. 15254 SHEET 7 OF 9

DESIGNED: A. CUTSFORTH PROJ. NO. 019-098.07
 DRAWN: A. CUTSFORTH CHK'D: W. DONOVAN

SE 1/4 SEC 2 T37S R2W WM

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0 page(s) Narrative
JACKSON COUNTY
SURVEYOR

SEE SHEET 5



LEGEND

- [] RECORD DATA PER ODOT DRAWING NO. 8B-8-23
- [[]] RECORD DATA PER ODOT DRAWING NO. 1A-13-26
- FOUND MONUMENT NOTED IN TABLE
- RIGHT-OF-WAY
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- - - EDGE OF PAVEMENT
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REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON
 JULY 12, 2005
ARON J. CUTSFORTH
 65696
 RENEWAL: DEC. 31, 2011

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

RECOVERED MONUMENT LIST

PT ID	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1015	268353.59	4272747.51	"B1" 599+09.31	70.00' LT	03/10/10	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP STAMPED "OREGON DEPT OF TRANS", DOWN 0.2', PER CS 13985
1016	268349.26	4272745.98	"B1" 599+13.37	67.39' LT	03/10/10	FD 5/8" IRON ROD W/YPC STAMPED "L.J. FRIAR & ASSOC.", DOWN 0.2', PER CS 14044
1017	268311.49	4272755.70	"B1" 599+55.26	65.78' LT	03/10/10	FD 5/8" IRON ROD W/YPC STAMPED "L.J. FRIAR & ASSOC.", DOWN 0.1', PER CS 14044
1018	268311.73	4272757.60	"B1" 599+55.65	67.65' LT	03/10/10	FD 5/8" IRON ROD W/RPC STAMPED "D. MINNECI LS 2349", DOWN 0.3', PER CS 13836
1020	268137.71	4272792.63	"B1" 601+38.80	30.04' LT	03/10/10	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP STAMPED "OREG STATE HWY DIV", DOWN 0.1', PER CS 13985
1021	267941.59	4272924.33	"B1" 603+78.98	30.04' LT	03/10/10	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP STAMPED "OREGON DEPT OF TRANS", DOWN 0.1', PER CS 13985
1022	267763.38	4273055.04	"B1" 606+00.00	30.00' LT	03/10/10	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP STAMPED "OREG STATE HWY DIV", DOWN 0.3', PER CS 13985
1035	268346.19	4272437.32	"L" 597+57.11 PCS	0.01' RT	03/16/10	FD 2-1/2" BRASS DISK STAMPED "STATE HIGHWAY DEPARTMENT, REFERENCE, PCS 597+57.11" W/PUNCH MARK, DOWN 0.6', PER ODOT DWG NO. 8B-8-23
1036	268194.10	4272567.16	"L" 599+56.60	0.02' RT	03/16/10	FD 2-1/2" BRASS DISK STAMPED "STATE HIGHWAY DEPARTMENT, REFERENCE, PT 599+57.11" W/PUNCH MARK, DOWN 0.5', PER ODOT DWG NO. 8B-8-23
1037	267781.44	4272918.63	"L" 604+98.65	0.00'	03/16/10	FD 5/8" IRON ROD, DOWN 1.5', PER ODOT DWG. NO. 8B-8-23

FILE NAME: 15254ret.dgn

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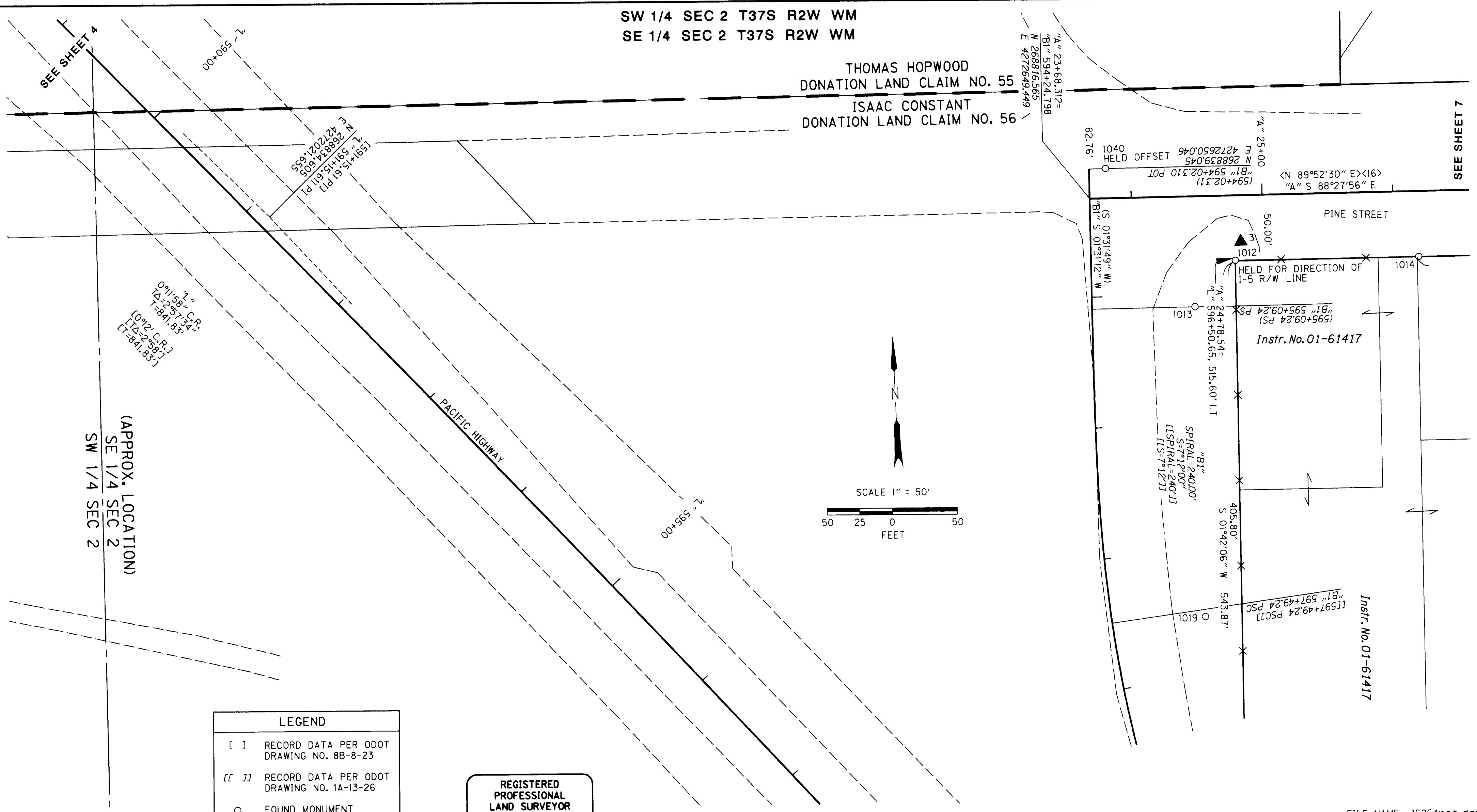
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ODOT REGION 3 APRIL, 2010
 100 ANTELOPE ROAD NO SCALE
 WHITE CITY, OR 97503 KEY NO. 15254 SHEET 6 OF 9

DESIGNED: A. CUTSFORTH PROJ. NO. 019-098.07
 DRAWN: A. CUTSFORTH CHK'D: W. DONOVAN

SW 1/4 SEC 2 T37S R2W WM
SE 1/4 SEC 2 T37S R2W WM

THOMAS HOPWOOD
DONATION LAND CLAIM NO. 55
ISAAC CONSTANT
DONATION LAND CLAIM NO. 56



(APPROX. LOCATION)
SE 1/4 SEC 2
SW 1/4 SEC 2

LEGEND	
[]	RECORD DATA PER ODOT DRAWING NO. 8B-8-23
[[]]	RECORD DATA PER ODOT DRAWING NO. 1A-13-26
○	FOUND MONUMENT NOTED IN TABLE
▲	SET NETWORK POINT
—	RIGHT-OF-WAY
—	PROPERTY LINE
- - -	EDGE OF PAVEMENT
-X-	EXISTING FENCE

REGISTERED PROFESSIONAL LAND SURVEYOR
AS
OREGON
JULY 12, 2005
ARON J. CUTSFORTH
65696
RENEWAL: DEC. 31, 2011

RECEIVED
Date 1-20-10 By AS
This survey consists of:
9 sheet(s) Map
2 page(s) Narrative
JACKSON COUNTY SURVEYOR

RECOVERED MONUMENT LIST

PT ID	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1012	268764.03	4272758.31	"A" 24+78.54	49.60' RT	03/10/10	FD CONCRETE NAIL W/3/4" BRASS WASHER "LS 2234", FLSUH, PER CS 14044
1013	268730.26	4272725.79	"B1" 595+09.05	78.60' LT	03/10/10	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP STAMPED "OREGON DEPT OF TRANS", DOWN 0.5', PER CS 13985
1019	268493.95	4272722.26	"B1" 597+55.15	71.16' LT	03/10/10	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP STAMPED "OREGON DEPT OF TRANS", DOWN 0.2', PER CS 13985
1023	268880.01	4273347.65	"A" 30+64.57	82.12' LT	03/10/10	FD 1" O.D. IRON PIPE W/2-1/2" BRASS CAP STAMPED "T37S R2W, DLC 56, CS 1991", DOWN 1.2', PER JCCR
1040	268838.84	4272662.55	"B1" 594+02.19	12.51' LT	03/18/10	FD 3" BRASS DISK STAMPED "OREGON STATE HIGHWAY DIV., REFERENCE", FLUSH, PER CS 13985

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 MEDFORD, OREGON 97504-4005, 541-774-5590
5005 SW MEADOWS ROAD, SUITE 120 LAKE OSWEGO, OREGON 97035, 503-620-6103

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OREGON DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY
EAST PINE STREET: I-5 TO PENINGER ROAD
JACKSON COUNTY, OREGON

ODOT REGION 3
100 ANTELOPE ROAD
WHITE CITY, OR 97503
KEY NO. 15254

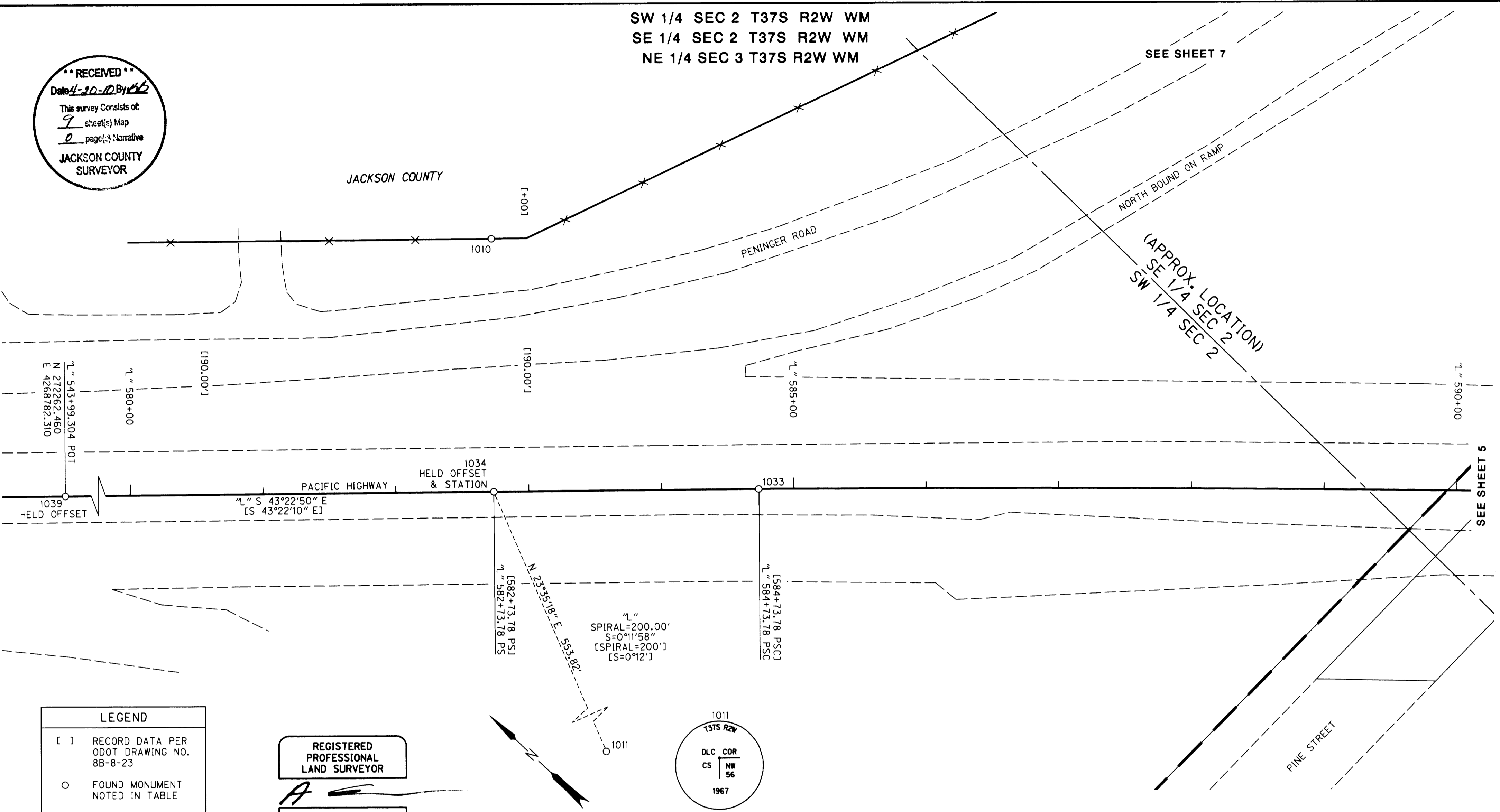
APRIL, 2010
NO SCALE
SHEET 5 OF 9

DESIGNED: A. CUTSFORTH
DRAWN: A. CUTSFORTH
CHK'D: W. DONOVAN

PROJ. NO. 019-098.07

SW 1/4 SEC 2 T37S R2W WM
 SE 1/4 SEC 2 T37S R2W WM
 NE 1/4 SEC 3 T37S R2W WM

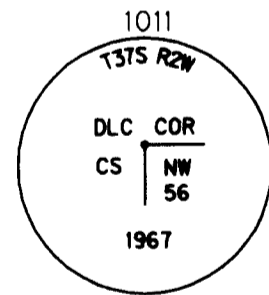
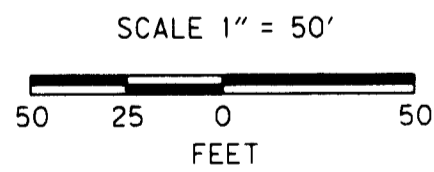
RECEIVED
 Date 4-20-10 By [Signature]
 This survey consists of:
 9 sheet(s) Map
 0 page(s) Narrative
JACKSON COUNTY SURVEYOR



LEGEND

- [] RECORD DATA PER ODOT DRAWING NO. 8B-8-23
- FOUND MONUMENT NOTED IN TABLE
- RIGHT-OF-WAY
- - - EDGE OF PAVEMENT
- X- EXISTING FENCE

REGISTERED PROFESSIONAL LAND SURVEYOR
 A
OREGON
 JULY 12, 2005
ARON J. CUTSFORTH
 65696
 RENEWAL: DEC. 31, 2011



RECOVERED MONUMENT LIST

PT ID	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1010	269576.94	4271581.41	1" 582+73.70	189.89' LT	03/10/10	FD 5/8" IRON ROD, DOWN 0.3', PER ODOT DWG. NO. 8B-8-23
1011	268938.91	4271221.83	N/A	N/A	03/10/10	FD 2-1/2" BRASS CAP STAMPED "T37S R2W, DLC COR, NW 56, CS 1967", DOWN 0.3', PER JCCR
1033	269301.10	4271580.50	1" 584+73.56	0.01' LT	03/16/10	FD 2-1/2" BRASS DISK STAMPED "STATE HIGHWAY DEPARTMENT, REFERENCE, PSC 584+73.78" W/PUNCH MARK, DOWN 0.7', PER ODOT DWG NO. 8B-8-23
1034	269446.46	4271443.45	1" 582+73.78	0.00'	03/16/10	FD 2-1/2" BRASS DISK STAMPED "STATE HIGHWAY DEPARTMENT, REFERENCE, PS 582+73.78" W/PUNCH MARK, DOWN 0.5', PER ODOT DWG NO. 8B-8-23
1039	272262.46	4268782.31	1" 543+99.30	0.00'	03/16/10	FD 2-1/2" BRASS DISK STAMPED "STATE HIGHWAY DEPARTMENT, REFERENCE, POT 544+00" W/PUNCH MARK, DOWN 0.6', PER ODOT DWG NO. 8B-8-23

FD = FOUND
 JCCR = JACKSON COUNTY CORNER RECORDS

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OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY
 EAST PINE STREET: 1-5 TO PENINGER ROAD
 JACKSON COUNTY, OREGON

ODOT REGION 3
 100 ANTELOPE ROAD
 WHITE CITY, OR 97503

APRIL, 2010
 NO SCALE
 SHEET 4 OF 9

DESIGNED: A. CUTSFORTH
 DRAWN: A. CUTSFORTH

PROJ. NO. 019-098.07
 CHK'D: W. DONOVAN

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 PORTIONS OF THE PACIFIC HIGHWAY (INTERSTATE 5), PINE STREET, AND PENINGER ROAD. THIS SURVEY WAS MADE AT THE REQUEST OF JACKSON COUNTY PUBLIC WORKS DEPARTMENT AND THE OREGON DEPARTMENT OF TRANSPORTATION (ODOT).

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 NETWORK.

THE SOUTHEAST CORNER OF DONATION LAND CLAIM (DLC) NUMBER 55 AND THE SOUTH ELL CORNER BETWEEN DLC NUMBERS 55 AND 56, BOTH LYING IN TOWNSHIP 37 SOUTH, RANGE 2 WEST, W.M., HAVE BOTH BEEN PAVED OVER. THE REFERENCES AS SET BY THE JACKSON COUNTY SURVEYOR'S OFFICE WERE USED TO CALCULATE THE POSITION OF SAID CORNERS AS SHOWN HEREON.

THIS SURVEY WAS PERFORMED IN MARCH OF 2010. THE SURVEY EQUIPMENT USED CONSISTED OF TWO TRIMBLE R8 GPS RECEIVERS, ONE TRIMBLE 5700 GPS RECEIVER, ONE TRIMBLE S6 ROBOTIC TOTAL STATION, AND TWO TRIMBLE TSC2 DATA COLLECTORS.

"Pn" LINE - PENINGER ROAD (NORTH OF PINE STREET)

THE RESOLUTION OF THE "Pn" LINE AS SHOWN ON ODOT DRAWING NO. 1A-13-26 WAS COMPLETED BY UTILIZING THE RECOVERED RIGHT-OF-WAY MONUMENTS PER COUNTY SURVEY NUMBER 13985. STATIONING WAS ESTABLISHED BY HOLDING THE FOUND MONUMENT TIED AS POINT NUMBER 1041 AT THE RECORD STATION OF 00+00.00 AS SHOWN PER SAID ODOT DRAWING AND SAID COUNTY SURVEY NUMBER 13985. THE RESOLUTION OF THE CENTERLINE TANGENT BETWEEN STATIONS "Pn" 4+20.86 PT AND "Pn" 9+70.813 PS, WAS COMPLETED BY HOLDING THE FOUND MONUMENTS TIED AS POINT NUMBERS 1008 AND 1032 AT THEIR RECORD OFFSETS FROM CENTERLINE. SAID TANGENT WAS THEN PROJECTED TO A POINT SO THAT THE POINT OF INTERSECTION AT STATION "Pn" 2+42.209 PI WOULD MATCH THE RECORD POINT OF INTERSECTION STATION. THE CENTERLINE TANGENT BETWEEN STATIONS "Pn" 00+00.000 POT AND "Pn" 2+42.209 PI WAS RESOLVED BY HOLDING SAID POINT OF INTERSECTION AND THE FOUND CENTERLINE MONUMENT TIED AS POINT NUMBER 1041. THE CENTERLINE CURVE AND SPIRAL WERE ESTABLISHED BY UTILIZING THE RECORD DEGREE OF CURVE, 36°00'00", AND THE RECORD SPIRAL LENGTH PER SAID ODOT DRAWING. THE RIGHT-OF-WAY MARGINS AND ANGLE POINTS WERE THEN PLACED AT THE RECORD STATION AND OFFSETS PER SAID ODOT DRAWING AND COUNTY SURVEY NUMBER 13985.

"Ps" LINE - PENINGER ROAD (SOUTH OF PINE STREET)

THE RESOLUTION OF THE "Ps" LINE WAS COMPLETED BY USING THE RECORD INFORMATION CONTAINED IN INSTRUMENT NUMBERS 97-00501, 99-40831, AND 2007-008778, ALL OF THE OFFICIAL RECORDS OF JACKSON COUNTY, OREGON, ALONG WITH THE FOUND MONUMENTS PER COUNTY SURVEY NUMBERS 16714 AND 13559. SAID INSTRUMENTS ALL USE THE SAME BASIS OF BEARINGS. DUE TO THE LACK OF MONUMENTATION OF THE RIGHT-OF-WAY OF PENINGER ROAD LYING SOUTH OF PINE STREET AND NORTH OF LARUE DRIVE, THE RECORD SHAPE OF THE RIGHT-OF-WAY AS DEDICATED PER SAID INSTRUMENTS WAS HELD. THE FOUND MONUMENT TIED AS POINT NUMBER 1028, WAS HELD AS THE POINT OF BEGINNING OF THE DESCRIPTION OF THE DEDICATED RIGHT-OF-WAY PER INSTRUMENT NUMBER 99-40831. THE RECORD SHAPE OF THE RIGHT-OF-WAY WAS THEN ROTATED TO THE FOUND MONUMENT TIED AS POINT NUMBER 1046. STATIONING OF THE "Ps" LINE IS PROJECT SPECIFIC WITH STATION "Ps" 00+00.000 POT BEING THE INTERSECTION WITH THE RESOLVED LOCATION OF THE "A" CENTERLINE. THE RIGHT-OF-WAY CURVE AT THE SOUTHWEST CORNER OF PINE STREET AND PENINGER ROAD WAS EXTENDED TO INTERSECT SAID SOUTH RIGHT-OF-WAY LINE OF PINE STREET. THE RIGHT-OF-WAY CURVE AT THE SOUTHEAST CORNER OF PINE STREET AND PENINGER ROAD WAS ESTABLISHED BY CHANGING THE CURVE RADIUS BY 0.02' TO INTERSECT THE SOUTH RIGHT-OF-WAY LINE OF PINE STREET.

"B1" LINE - NORTH BOUND OFF RAMP (PACIFIC HIGHWAY)

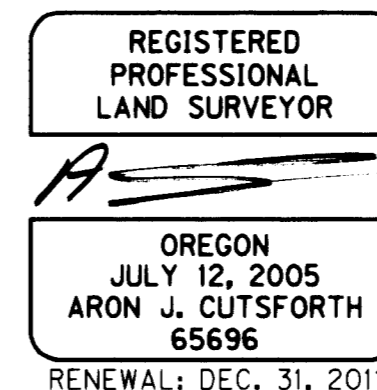
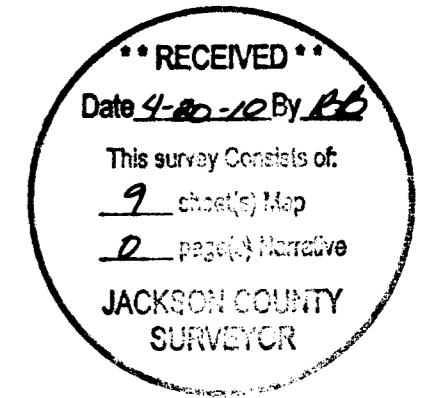
THE RESOLUTION OF THE "B1" LINE AS SHOWN ON ODOT DRAWING NO. 1A-13-26 WAS COMPLETED BY UTILIZING THE RECOVERED RIGHT-OF-WAY MONUMENTS PER SAID ODOT DRAWING, ALONG WITH THE RECOVERED SURVEY MONUMENTS OF RECORD PER THEIR RESPECTIVE MAPS OF SURVEY FILED IN THE JACKSON COUNTY SURVEYOR'S OFFICE. THE RESOLUTION OF THE "B1" CENTERLINE ALIGNMENT WAS COMPLETED BY HOLDING THE THE FOUND MONUMENTS TIED AS POINT NUMBERS 1022 AND 1040 AT THEIR RECORD OFFSETS FROM CENTERLINE. THE RECORD SHAPE OF SAID CENTERLINE ALIGNMENT PER SAID ODOT DRAWING WAS HELD BECAUSE THE FOUND MONUMENTS TIED AS POINT NUMBERS 1019 AND 1013 DO NOT FIT THE RECORD STATIONS AND OFFSETS PER SAID COUNTY SURVEY NUMBER 13985. STATIONING WAS ESTABLISHED BY HOLDING THE FOUND MONUMENT TIED AS POINT NUMBER 1022 AT THE RECORD STATION OF "B1" 606+00.00 AS SHOWN PER COUNTY SURVEY NUMBER 13985.

"L" LINE - PACIFIC HIGHWAY

THE RESOLUTION OF THE "L" LINE AS SHOWN ON ODOT DRAWING NO. 8B-08-23 WAS COMPLETED BY UTILIZING THE RECOVERED RIGHT-OF-WAY MONUMENTS PER SAID ODOT DRAWING, ALONG WITH THE RECOVERED SURVEY MONUMENTS OF RECORD PER THEIR RESPECTIVE MAPS OF SURVEY FILED IN THE JACKSON COUNTY SURVEYOR'S OFFICE. STATIONING WAS ESTABLISHED BY HOLDING THE CENTERLINE MONUMENT TIED AS POINT NO. 1034 AT THE RECORD STATION OF "L" 582+73.78 PS PER SAID ODOT DRAWING. TO ESTABLISH THE TANGENT BETWEEN STATIONS "L" 543+99.304 POT AND "L" 582+73.78 PS THE POSITIONS OF THE FOUND CENTERLINE MONUMENTS TIED AS POINT NUMBERS 1034 AND 1039 WERE HELD. SAID TANGENT WAS PROJECTED THE RECORD TANGENT LENGTH OF 841.83 FEET, PER SAID ODOT DRAWING, TO ESTABLISH THE POINT OF INTERSECTION AT STATION "L" 591+15.61 PI. A STRAIGHT LINE WAS PLACED BETWEEN SAID POINT OF INTERSECTION AND THE FOUND CENTERLINE MONUMENT TIED AS POINT NUMBER 1037 TO ESTABLISH THE DIRECTION OF THE AHEAD TANGENT. THE RECORD SPIRAL AND CURVE LENGTHS WERE HELD TO ESTABLISH THE CENTERLINE CURVE. TO LOCATE THE EASTERLY RIGHT-OF-WAY LINE BETWEEN STATIONS "L" 596+50.65 AND "L" 600+50.34, THE FOUND MONUMENTS TIED AS POINT NUMBERS 1012 AND 1016 WERE HELD FOR THE DIRECTION OF THE RIGHT-OF-WAY LINE. THE LINE WAS THEN PROJECTED TO A POINT 150.00 FEET OPPOSITE OF THE RESOLVED CENTERLINE, BEING AT STATION "L" 600+50.34. THE EASTERLY RIGHT-OF-WAY LINE BETWEEN STATIONS "L" 595+59.10 AND "L" 596+09.78 WAS ESTABLISHED BY HOLDING THE RECORD DISTANCES PER INSTRUMENT NO. 02-23583, OFFICIAL RECORDS OF JACKSON COUNTY, OREGON, OF 502.73 FEET ALONG THE SOUTH LINE OF DONATION LAND CLAIM (DLC) NO. 55, TOWNSHIP 37 SOUTH, RANGE 2 WEST, W.M., FROM THE NORTH-NORTHEAST CORNER THEREOF (POINT NO. 1023), AND THE INTERSECTION OF 71.02 FEET NORTHERLY OF SAID SOUTH DLC LINE AND THE RESOLVED LOCATION OF THE PACIFIC HIGHWAY RIGHT-OF-WAY LINE, ALSO AS IS SHOWN ON COUNTY SURVEY NO. 1971. ALL OTHER ANGLE POINTS IN THE EASTERLY RIGHT-OF-WAY LINE AS REFERENCED TO THE "L" LINE WERE PLACED AT THEIR RECORD STATION AND OFFSET CALLS PER SAID ODOT DRAWING.

"A" LINE - PINE STREET

THE RESOLUTION OF THE "A" LINE AS SHOWN ON THE CENTRAL POINT MARKET ROAD DRAWING DATED FEBRUARY 20, 1947, WAS COMPLETED BY USING THE RECORD ALIGNMENT DATA PER SAID DRAWING, ALONG WITH THE FOUND DONATION LAND CLAIM CORNERS AND REFERENCES AS SHOWN HEREON. THE RECORD DATA PER SAID DRAWING MATCHES THE DESCRIPTIONS OF THE RIGHT-OF-WAY THAT WAS ACQUIRED BY JACKSON COUNTY IN VOLUME 279, PAGE 620 AND COURT JOURNAL VOLUME 92, PAGE 136. THE RIGHT-OF-WAY CENTERLINE AS SHOWN ON SAID DRAWING IS PARALLEL WITH AND 30.00 FEET SOUTH OF THE EASTERLY PORTION OF THE LINE BETWEEN DONATION LAND CLAIM (DLC) NUMBERS 55 AND 56 (POINT NUMBERS 5000 AND 5001), TOWNSHIP 37 SOUTH, RANGE 2 WEST OF THE WILLAMETTE MERIDIAN, JACKSON COUNTY, OREGON. SAID DLC LINE WAS RESOLVED BY USING THE FOUND REFERENCES TO THE DLC CORNERS AS SHOWN HEREON, AS THE ACTUAL CORNERS HAVE BEEN PAVED OVER. THE NORTH RIGHT-OF-WAY LINE OF PINE STREET LYING WEST OF THE NORTH ELL CORNER OF SAID DLC NO. 56 (POINT NO. 1023) IS COINCIDENT WITH THE NORTH LINE OF SAID DLC NO. 56 LYING WEST OF SAID NORTH ELL CORNER (POINT NO. 1023). THE SOUTH RIGHT-OF-WAY LINE OF PINE STREET IS PARALLEL WITH SAID DLC LINE BETWEEN THE SOUTH ELL CORNER OF SAID DLC NO. 56 AND THE SOUTHEAST CORNER OF SAID DLC 55 (POINT NUMBERS 5000 AND 5001). ADDITIONAL RIGHT-OF-WAY BEYOND THE ORIGINAL 30.00 FEET, WAS ALSO ACQUIRED ALONG SAID SOUTH RIGHT-OF-WAY LINE IN VOLUME 471, PAGE 273, VOLUME 467, PAGE 464, INSTRUMENT NUMBER 97-00501, AND INSTRUMENT NUMBER 99-40831, OFFICIAL RECORDS OF JACKSON COUNTY, OREGON, AS SHOWN HEREON. THE RIGHT-OF-WAY ACQUIRED BY AND AS DESCRIBED IN INSTRUMENT NUMBERS 79-22985 AND 90-20436 LYING EAST OF THE NORTH ELL CORNER OF SAID DLC NO. 56 (POINT NO. 1023) IS DESCRIBED AS A STRIP OF LAND BETWEEN A LINE PARALLEL WITH AND 53.03 FEET NORTH OF THE SOUTH LINE OF SAID DLC NO. 55 AND SAID SOUTH LINE. THE ORIGINAL WIDTH OF SAID STRIP WAS CONTROLLED BY THE DISTANCE BETWEEN THE NORTH AND SOUTH ELL CORNERS OF SAID DLC'S. THAT DISTANCE BETWEEN SAID CORNERS IS NOW 52.12 FEET. STATIONING OF THE "A" LINE IS BASED ON STATION "A" 30+63.90 POT BEING 30.00 FEET SOUTH AND PERPENDICULAR TO THE SOUTH ELL CORNER BETWEEN SAID DLC'S 55 AND 56, AS SHOWN PER SAID CENTRAL POINT MARKET ROAD DRAWING.



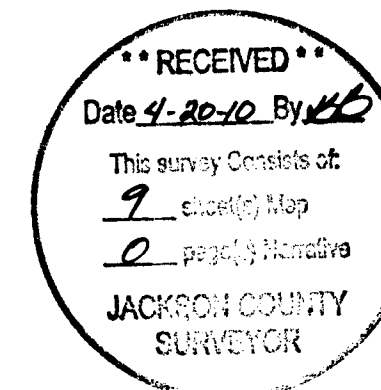
FILE NAME: 15254ret.dgn

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OREGON DEPARTMENT OF TRANSPORTATION	
HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY EAST PINE STREET: 1-5 TO PENINGER ROAD JACKSON COUNTY, OREGON	
ODOT REGION 3 100 ANTELOPE ROAD WHITE CITY, OR 97503	APRIL, 2010 NO SCALE SHEET 3 OF 9
DESIGNED: A. CUTSFORTH	PROJ. NO. 019-098.07
DRAWN: A. CUTSFORTH	CHK'D: W. DONOVAN

SE 1/4 SEC 34 T36S R2W WM
 SW 1/4 SEC 1 T37S R2W WM
 SE 1/4 SEC 2 T37S R2W WM

1
 SET 5/8" X 30" REBAR
 W/RPC "OBEC CONTROL"
 (03/03/10)
 LDP PROJECT VALUES
 N 273948.35
 E 4268737.09
 OREGON STATE PLANE
 SOUTH ZONE (3602)
 N 273928.66
 E 4268430.17



CONTROL NARRATIVE

PROJECT: EAST PINE STREET: I-5 TO PENINGER
 LOCATION: CENTRAL POINT, JACKSON COUNTY, OREGON
 ODOT KEY NUMBER: 15254
 OBEC PROJECT: 019-098.07
 SURVEY DATUM:
 HORIZONTAL - NAD 83(CORS 96) EPOCH 2002 (INTERNATIONAL FEET)
 VERTICAL - NAVD 88 (INTERNATIONAL FEET)

HORIZONTAL CONTROL SURVEY

A FASTSTATIC GPS NETWORK WAS PERFORMED TO ESTABLISH POSITIONS FOR POINTS 3 THROUGH 7 HOLDING THE OREGON REALTIME GPS NETWORK DERIVED OREGON STATE PLANE COORDINATES OF POINTS 1 AND 2, FIXED. THE COORDINATE SYSTEM WAS HELD AT OREGON STATE PLANE - SOUTH ZONE (3602), UNTIL ALL GPS CONTROL SURVEYING AND ADJUSTMENTS WERE COMPLETE. ALL POINTS WERE THEN MOVED TO GROUND, UTILIZING A LOCAL DATUM PLANE COORDINATE SYSTEM (LDP). TO CONVERT THE PROJECT LDP COORDINATES TO THE OREGON STATE PLANE COORDINATE SYSTEM - SOUTH ZONE NAD 83(CORS96) EPOCH 2002, MULTIPLY THE COORDINATE VALUES BY A COMBINED FACTOR OF 0.99992810. THE BASIS OF BEARING FOR THIS SURVEY IS BASED ON A STRAIGHT LINE BETWEEN CONTROL POINTS 1 AND 2.

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 SOLELY BY JACKSON COUNTY, THE OREGON DEPARTMENT OF TRANSPORTATION (ODOT), AND OBEC CONSULTING ENGINEERS IN SUPPORT OF FUTURE PROJECTS. IT IS NOT THE INTENT OF JACKSON COUNTY, ODOT, OR OBEC CONSULTING ENGINEERS TO PERPETUATE THESE CONTROL POINTS AS MONUMENTS.

S 53°37'17" E 8943.19' - PROJECT LDP
 S 53°37'17" E 8943.83' - BASIS OF BEARING
 S 53°37'17" E 8943.19' - OSP-SOUTH ZONE (3602) GRID

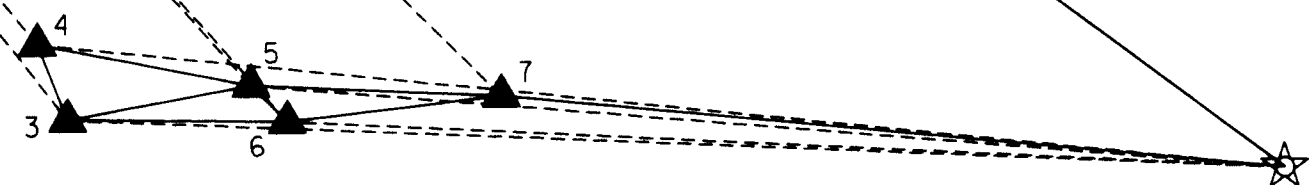
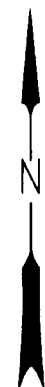
2
 SET 1" BRASS PLUG
 "OBEC"
 (03/03/10)
 LDP PROJECT VALUES
 N 268643.59
 E 4275937.90
 OREGON STATE PLANE
 SOUTH ZONE (3602)
 N 268624.28
 E 4275630.46

1.96 SIGMA (95%) CONFIDENCE LEVEL LIMITS

POINT NO	SEMI MAJOR	SEMI MINOR	ORIENTATION*
3	0.02 INT FT	0.02 INT FT	62.1°
4	0.02 INT FT	0.02 INT FT	61.8°
5	0.02 INT FT	0.02 INT FT	53.9°
6	0.02 INT FT	0.02 INT FT	55.0°
7	0.02 INT FT	0.02 INT FT	48.5°

* NORTH AZIMUTH
 FIXED POINTS NOT SUBJECT TO LEAST SQUARES
 ADJUSTMENT OR CONFIDENCE LEVEL ANALYSIS:
 POINTS 1 AND 2

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



NETWORK POINT COORDINATE TABLE

RPC = RED PLASTIC CAP

PT ID	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION
1	273948.35	4268737.09	03-03-10	SET 5/8" X 30" REBAR W/RPC STAMPED "OBEC CONTROL"
2	268643.59	4275937.90	03-03-10	SET 1" COPPER PLUG STAMPED "OBEC"
3	268778.35	4272763.15	03-03-10	SET 1" COPPER PLUG STAMPED "OBEC"
4	268973.81	4272684.97	03-03-10	SET 1" COPPER PLUG STAMPED "OBEC"
5	268865.48	4273241.51	03-03-10	SET 1" COPPER PLUG STAMPED "OBEC"
6	268771.97	4273335.10	03-03-10	SET 1" COPPER PLUG STAMPED "OBEC"
7	268836.24	4273895.76	03-03-10	FD 3" BRASS DISK STAMPED "RESET 1980"

LEGEND

- ☆ FOUND GPS NETWORK POINT
- ▲ SET NETWORK POINT
- ▲---☆ LINES OF OBSERVATION (INTERVISIBLE)
- ▲---☆ LINES OF OBSERVATION (NOT INTERVISIBLE)

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

OREGON
 JULY 12, 2005
 ARON J. CUTSFORTH
 65696
 RENEWAL: DEC. 31, 2011

FILE NAME: 15254ret.dgn

OBEC CONSULTING ENGINEERS
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OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY
 EAST PINE STREET: I-5 TO PENINGER ROAD
 JACKSON COUNTY, OREGON

ODOT REGION 3 APRIL, 2010
 100 ANTELOPE ROAD NO SCALE
 WHITE CITY, OR 97503 KEY NO. 15254 SHEET 2 OF 9

DESIGNED: A. CUTSFORTH PROJ. NO. 019-098.07
 DRAWN: A. CUTSFORTH CHK'D: W. DONOVAN