

CS 5707 BT  
1 OF 7

NAD83(91) STATE PLANE COORDINATES: ZONE 3601

- (A) N 813459.53 E 7520765.87 UNITS (IFT)  
(B) N 813353.58 E 7523395.01 UNITS (IFT)  
(C) N 813349.77 E 7523488.73 UNITS (IFT)  
(D) N 813247.49 E 7526007.41 UNITS (IFT)  
(E) N 813245.18 E 7526065.08 UNITS (IFT)  
(F) N 813143.99 E 7528594.74 UNITS (IFT)

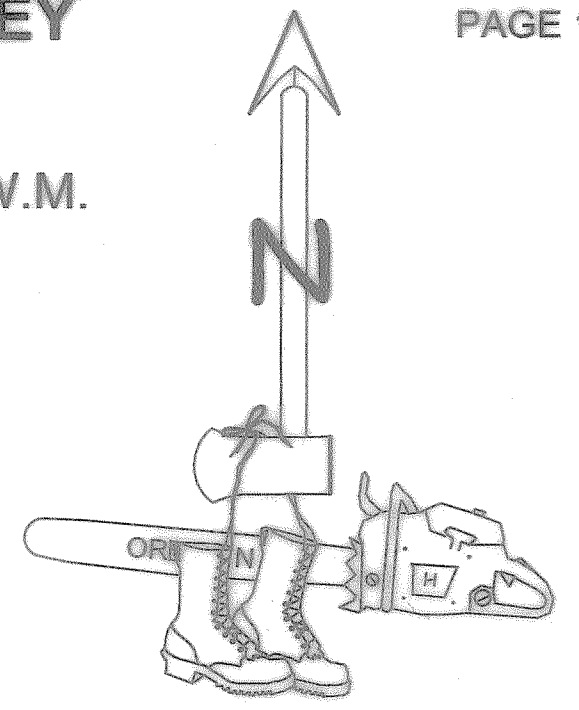
COLUMBIA COUNTY GPS CONTROL POINTS (CS # 4269)

"VERNONIA" LAT. 45°51'25.28188"N LONG. 123°10'24.80441"W  
"APIARY" LAT. 45°56'57.87036"N LONG. 123°08'52.65050"W

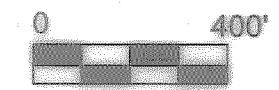
**CORNER RESTORATION SURVEY**  
**FIRST STANDARD PARALLEL WEST**  
**SECTIONS 33, 34 & 35, T5N, R4W,**  
**SECTIONS 4, 3 & 2, T4N, R4W, OF THE W.M.**  
DECEMBER 16, 2009

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BEARINGS ARE GEODETIC, BASED ON  
COLUMBIA COUNTY GPS CONTROL POINTS  
"VERNONIA" AND "APIARY"



MEASURED DISTANCES SHOWN ARE GRID,  
TO CONVERT TO GROUND DIVIDE  
DISTANCES BY A COMBINED FACTOR  
OF .999948958  
CONVERGENCE = -1° 53' 10"

STANDARD SECTION CORNER  
FOR SECTIONS 34 & 33, T5N,  
R4W (SEE PAGE 2).

A  
(S89°34'E 2632.1') CS#203  
S 87°41'32" E 2631.27'  
S 87°41'01" E 2725.07'  
(S89°34'E 2725.93') CS#224  
(S89°29'00"W 2725.33') PLAT BK.5 PG. 60

STANDARD QUARTER  
CORNER (SET) FOR  
SECTION 34, T5N, R4W.  
FOUND 5/8" REBAR SET BY  
RICHARD MORRIS IN CS#L-1073  
S86°56'17"W AT 8.09'  
(SEE PAGE 3).

(N 89°29'49" W 5244.88') CS#3353  
S 87°41'01" E 5245.83'

CLOSING QUARTER  
CORNER FOR SECTION 3,  
T4N, R4W (SEE PAGE 4).

S 87°40'31" E 93.80'  
(S89°17'E 93.8') CS#203  
(S89°29'00"W 93.8') PLAT BK.5 PG.60  
(S89°29'00"W 93.8') CS# 4212  
(S89°29'00"W 93.53') CS# 4387

STANDARD SECTION CORNER  
FOR SECTIONS 34 & 35, T5N,  
R4W (SEE PAGE 5).

(S89°17'E 2616.2') CS#203  
S 87°40'31" E 2614.55'  
S 87°40'31" E 2578.47'  
(S89°17'E 2580.2') CS#203

S 87°42'30" E 57.71'  
(S89°17'E 57.8') CS#203

CLOSING SECTION CORNER  
FOR SECTIONS 3 & 2, T4N,  
R4W (SEE PAGE 6).

(N0°7'W 39.96 2/3 chs.) BT BK. A PG. 195  
(N89°31'33"W 2590.27') CS#3353  
S 87°42'34" E 2589.39'

S 87°42'34" E 2531.68'  
(N89°53'W 39.06 2/3 chs.) BT BK. A PG. 195

STANDARD QUARTER CORNER  
FOR SECTION 35, T5N, R4W (SEE  
PAGE 7).

F

**LEGEND**

- SET 1 1/4" X 30" GALVANIZED IRON PIPE  
WITH 3 1/4" ALUMINUM CAP.
- FOUND 1" IRON PIPE WITH A  
2 1/2" OLSON ENG. BRASS CAP
- ( ) RECORD BEARING AND/OR DISTANCE

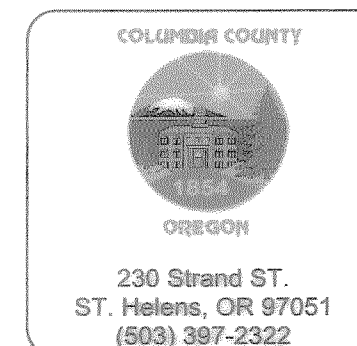
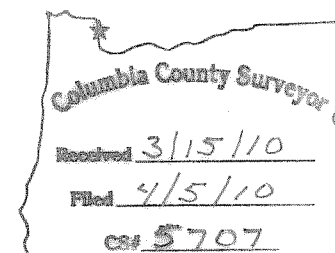
NAD83(91) NORTH AMERICAN DATUM OF 1983,  
(1991) ADJUSTMENT.

The North American Datum of 1983 (NAD 83) is the  
horizontal control datum for the United States,  
Canada, Mexico, and Central America, based on a  
geocentric origin and the Geodetic Reference  
System 1980 (GRS 80).

**NARRATIVE**

THE PURPOSE OF THIS SURVEY WAS TO REMONUMENT AND OR SET THE STANDARD AND CLOSING CORNERS ALONG THIS PORTION OF THE FIRST STANDARD PARALLEL WEST. THE SURVEY WAS PERFORMED USING TOPCON GR3 GPS RECEIVERS AND A TOPCON GTS 300 TOTAL STATION. THE STANDARD SECTION CORNER FOR SECTIONS 33 & 34 AND SECTIONS 34 & 35, THE STANDARD QUARTER CORNER FOR SECTION 35 AND THE CLOSING SECTION CORNER FOR SECTIONS 3 & 2, WHERE DIRECTLY OCCUPIED WITH GPS RECEIVERS, HOLDING COLUMBIA COUNTY GPS CONTROL POINTS "VERNONIA" AND "APIARY". THE CLOSING QUARTER CORNER OF SECTION 3 WAS TIED CONVENTIONALLY FROM TWO GPS CONTROL POINTS, ALONG WITH THE SETTING OF THE STANDARD QUARTER CORNER OF SECTION 34. PLEASE SEE THE NARRATIVE FOR EACH INDIVIDUAL CORNER FOR MORE DETAIL ON EVIDENCE AND REASON FOR SETTING AND/OR HOLDING THE CORNERS.

THE MEASURED DISTANCE BETWEEN MONUMENTS "A" AND "F" IS 78.12 FEET SHORTER THAN THE 1895 MESERVE SURVEY. I AM CERTAIN THAT THE COUNTY HAS THE IDENTICAL POSITIONS OF THESE CORNERS, AS W.N. MESERVE HAD IN 1895. PLEASE SEE PAGE 7 NARRATIVE FOR EXPLANATION.



COLUMBIA COUNTY SURVEYORS OFFICE CORNER RESTORATION SURVEY			
FIELD CREW Nathan A. Woodward Jerry Keenon	FIELD BOOK: K2009 Pages 8-13		
	SCALE: 400 Ft/in	DATE: December 16, 2009	
CHECKED BY: Nathan A. Woodward	DRAFTED BY: Nathan A. Woodward	SHEET 1/7	



Trevaire PC

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## HISTORY

(ITALICS ARE A DIRECT QUOTE OF RECORD)

(MAY 24, 1871)  
CORNER ORIGINALLY SET BY W. SMITH  
UNDER GLO CONTRACT #152.  
SET A POST FOR CORNER TO SEC. 33 & 34 FROM WHICH  
A VINEMAPLE 10 IN DIA BEARS S30°W 16 LKS DIST.  
A W. FIR 40IN DIA BEARS S65°E 29 1/2 LINKS DIST.  
A VINEMAPLE 6 IN DIA BEARDS N15°E 45 LKS DIST.

(FEBRUARY 16, 1892)  
BT BOOK "A" PAGE 104 BY W.N. MESERVE (DEPUTY)  
ORIGINAL POST GONE, BUT FIND A POST; THAT ISREAL SPENCER TESTIFIES WAS SET BY T. S. WILKES,  
C.S. ACCORDING TO THE FIELD NOTES, BUT IT WAS NOT WITNESSED BY HIM. I FIND ONE BEARING TREE,  
WITH SURVEY MARKS ON IT BUT DEAD. AT THE TRUE POINT I SET A POST FOR CORNER  
FROM WHICH  
A FIR 4 INS DIA. BEARS N49°25'W 11 LINKS  
" " 4" " " N79°40'E 11 "  
PRESENT ISREAL SPENCER. GEORGE SALOMAN

(APRIL 24, 1895)  
BT BOOK "A" PAGE 194 BY W.N. MESERVE  
POST STANDING, SET BY W.N. MESERVE DEPUTY, FEBRUARY 16, 1892 (SEE P. 104) BUT THE BEARING  
TREES HAD BEEN CUT DOWN FOR THE CORNER. I SET A CAST IRON WEIGHING ABOUT 40 LBS. MAR. X  
ON TOP END. SAID IRON HAS A LARGE FOOT ON THE LOWER PART AND IS 24 IN. IN LENGTH 20 IN. IN  
THE EARTH, OVERLYING A QUART GLASS BOTTLE.  
FROM WHICH  
A PIECE OF CAST IRON WEIGHING ABOUT 40 LBS. VERY IRREGULAR, IN LENGTH, 20 IN. MAR. X ON  
UPPER END. 24 IN. IN THE EARTH BEARS W. 5. FT.  
A FORKED CAST IRON, WEIGHING ABOUT 25 LBS. HAVING BEEN USED ABOUT A PLANER FOR BOXING  
OR SUPPORT OF SHAFTING. MAR. X ON UPPER END, BURIED IN EARTH 24 IN. BEARS EAST 5 FT.  
PRESENT- E. RIDGEWAY, ISREAL SPENCER AND J. T. SALOMAN, W. N. MESERVE COUNTY SURVEYOR.

(AUGUST 1922)  
BT BOOK "B" PAGE 69 BY L.J. VAN ORSHOVEN  
FOUND CORNER + WITNESSES SET BY FORMER COUNTY SURVEYOR. FROM TRUE CORNER  
I WITNESSED A  
5" CEDAR BEARING S53°31'E -- 398.1 FT.  
20" FIR " 50°55'W -- 391.5 FT.  
PRESENT W.A. HARRIS, CHAS. MELLINGER

(AUGUST 1924 & MARCH 1926)  
CS# 203 & CS# 224 BY L.J. VAN ORSHOVEN  
CS# 203 LABELED CORNER AS "PIPE"  
CS# 224 LABELED CORNER AS "IRON"

(1968)  
BT BOOK "C" PAGE 237 BY C.R. WAGNER  
FOUND CAST IRON WITH 1 1/4" IRON PIPE INSIDE AND 25# CAST IRON EAST 5.0 FEET,  
IN E-W FENCE LINE SET 4X4 WHITE POST & TAG 1.1 FT. EAST OF CORNER

(AUGUST 1977)  
CS# 2992 BY A.M. KLIEN ( FD. I.P.)

(SEPTEMBER 1977)  
CS# L-1073 BY RICHARD A. MORRIS  
FOUND 3/4" I.P. WITH 4"X4" POST WITH TAG MKD. COLUMBIA COUNTY SURVEYOR.

(MAY 1978)  
CS# 3025 BY JERRY S. MARIS ( OLD 1 1/2" IPF HELD)

(JANUARY 12, 1983)  
CS# 3353 BY JERRY C. OLSON  
FOUND PIECE OF CAST IRON FOR CORNER AND PIECE OF CAST IRON EAST 5 FEET AS  
DESCRIBED BY W.N. MESERVE IN 1895. FOUND 1 1/2" IRON PIPE BENT OVER WEST OF CORNER  
( STRAIGHTENED UP). WEST EDGE OF THE NEHALEM RIVER IS WEST 166' (GLO= 165').

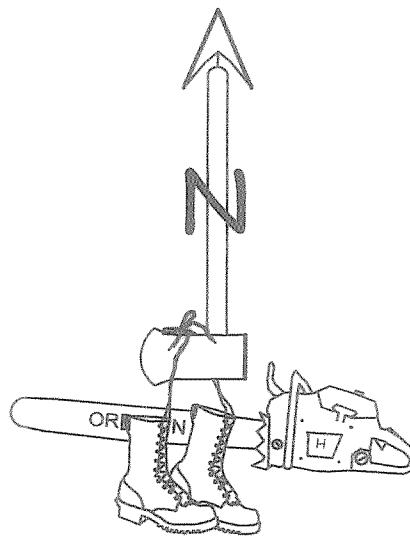
(OCTOBER 12, 1993 - SEPTEMBER 10, 2004)  
CS#B-242, 3972, 4018, 4283, 4347, 4367, 5193  
PARTITION PLAT 1995-51 & 1997-56  
NICKERSON RIDGE ESTATES- SUBDIVISION  
ALL BY KEENON LAND SERVICES  
FOUND 1 1/2" IRON PIPE

(JANUARY 2, 2001)  
BT BOOK "CS" PAGE 203 BY PHILIP DEWEY  
FOUND 1 1/4" IRON PIPE BESIDE L SHAPED CAST IRON. (HELD)  
SET 5/8" I.R. WITH COL. CO. YELLOW PLASTIC CAP N45°E 33.0' & STEEL POST WITH TAG N45°E 1.0'.  
SET 5/8" I.R. WITH COL. CO. YELLOW PLASTIC CAP S52°E 114.14' & STEEL POST WITH TAG S52°E 1.0'.  
SET 5/8" I.R. WITH COL. CO. YELLOW PLASTIC CAP S42°W 137.48' & STEEL POST WITH TAG S42°W 1.0'.  
SET 5/8" I.R. WITH COL. CO. YELLOW PLASTIC CAP N41°W 35.86' & STEEL POST WITH TAG N41°W 1.0'.  
SET STEEL POST & TAG NORTH 1.0' FROM CORNER

(MARCH 2, 2007)  
PARTITION PLAT 2007-13 BY DONALD D. WALLACE  
FOUND 1 1/4" IRON PIPE AS NOTED IN  
BEARING TREE RECORD "CS" PAGE 203 (HELD)

(SEPTEMBER 30, 2008)  
PARTITION PLAT 2008-32 BY JIMMY W. HILLSTROM  
FOUND SECTION CORNER SEC 33 AND 34 1 1/2" IRON PIPE (HELD)

(MARCH 8, 1884)  
BT BOOK "A" PAGE 11 BY THOMAS S. WILKES.  
FROM STANDARD CORNER TO SECS. 33 & 34, I RAN EAST.



BEARINGS AND DISTANCES ARE  
GRID, BASED ON GPS CONTROL  
POINTS "VERNONIA" AND "APIARY".

NAD83(91) STATE PLANE COORDINATES: ZONE 3601  
N 813459.55 E 7520765.88 UNITS (IFT)

## CORNER RESTORATION SURVEY STANDARD SECTION CORNER SECTIONS 33 & 34, T5N, R4 W, OF THE W.M. COLUMBIA COUNTY, OREGON

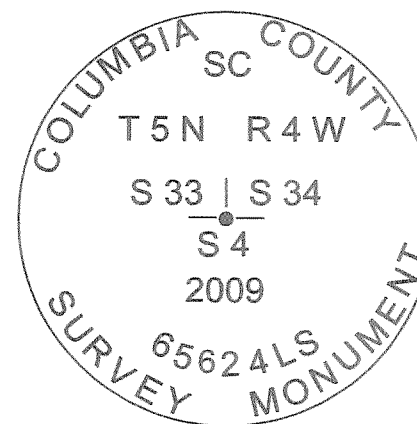
DECEMBER 9, 2009

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FOUND 1 1/2" IRON PIPE  
N41°00'12"W AT 0.32' FROM  
THE X MARKED IN THE CAST IRON.

NOTE:  
RECORD DATA FOR REFERENCES APPEAR  
TO BE MEASURED TO THE IRON PIPE AND  
NOT THE CAST IRON MONUMENT.



## NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO UPDATE AN EXISTING MONUMENT, KNOWN TO BE AN ORIGINAL.  
SEVERAL SURVEYS OVER THE YEARS HAVE CALLED FOR A 1 1/2" IRON PIPE FOR THE CORNER; HOWEVER, UPON  
RESEARCH IT BECAME APPARENT THAT IN 1895 THE CORNER WAS PERPETUATED WITH A CAST IRON OF  
IRREGULAR SHAPE MARKED WITH AN X AND REFERENCED BY THE SAME.  
ON DECEMBER 9, 2009 I FOUND A 1 1/2" IRON PIPE WITH A MUSHROOMED TOP ALONG THE WEST EDGE OF A CAST  
IRON WITH AN X MARKED ON THE TOP AND THREE REFERENCES PER COLUMBIA COUNTY BT BOOK "CS" PAGE 203,  
AS SHOWN. I HELD THE LOCATION OF THE X ON THE CAST IRON MONUMENT AND SET A 3 1/4" ALUMINUM CAP  
IN CONCRETE STAMPED AS SHOWN. I LEFT BOTH THE CAST IRON AND IRON PIPE UNDER THE NEW MONUMENT  
AND CONCRETE. (PICTURES ON FILE)  
I COULD NOT FIND THE OTHER CAST IRON REFERENCES OR THE CLOSING CORNER, LARGELY DUE TO THE  
ACCUMULATION OF SCRAP METAL AND VEHICLES IN THE VICINITY.

I, Leslie G. Keenon, Columbia County Surveyor, do hereby acknowledge and accept this monument as the  
legal and permanent position. This corner reestablished at the identical spot where the original corner  
was located and approved by the General Land Office or determined to be the best solution for this  
corner location.

Leslie G. Keenon

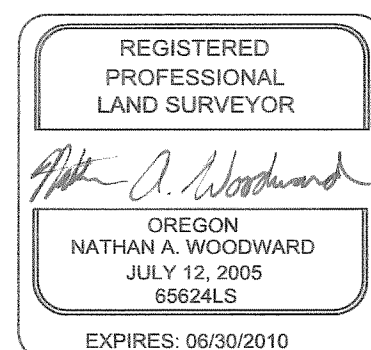
Date

MARCH 29, 2010



### COLUMBIA COUNTY SURVEYORS OFFICE CORNER RESTORATION SURVEY

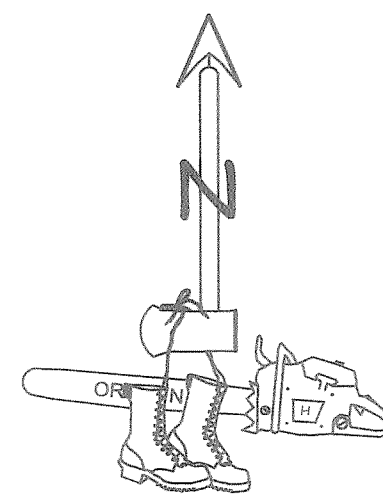
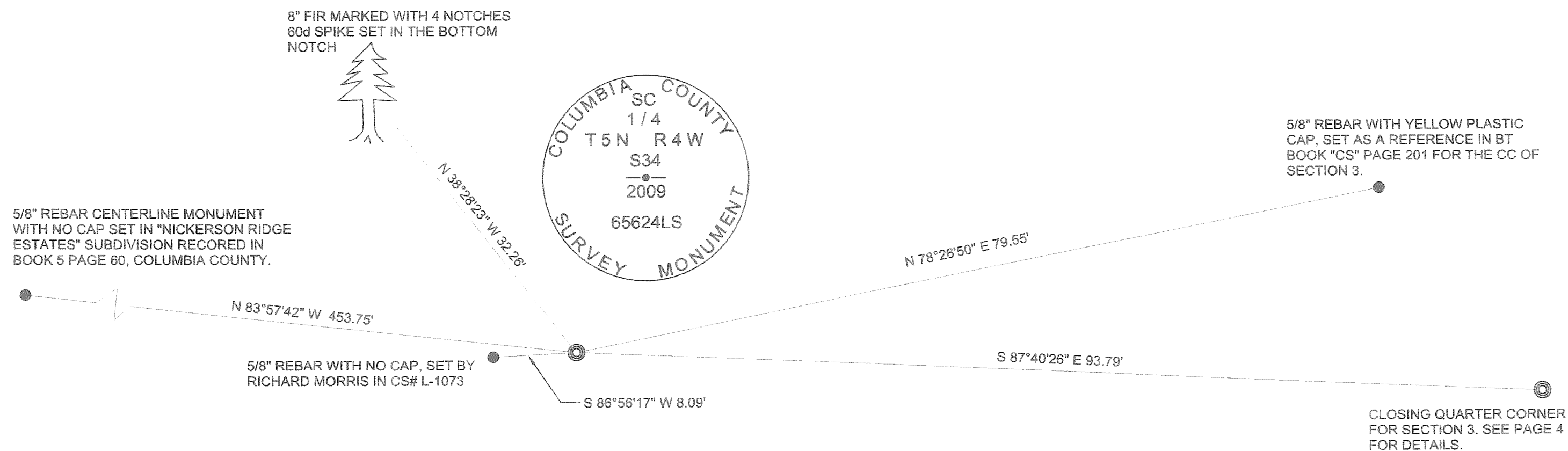
FIELD CREW Nathan A. Woodward :	SCALE: 20 F/In		DATE: January 28, 2009
	CHECKED BY: Nathan A. Woodward	DRAFTED BY: Nathan A. Woodward	SHEET 2/7



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**HISTORY***(ITALICS ARE A DIRECT QUOTE OF RECORD)***CORNER ORIGINALLY SET IN 1871 BY: W SMITH  
UNDER GLO CONTRACT NO. 152***SET A POST FOR 1/4 SECTION CORNER FROM WHICH  
A SUGAR 8 IN DIA BEARS S50°E 34 LINKS DIST.  
A SUGAR 12 IN DIA BEARS N10°W 53 1/2 LINKS DIST***(MAY 2 1891)  
BT BOOK "A" PAGE 54 BY MESERVE***I COULD FIND NO CORNER POST NOR BEARING TREE  
AS BOTH BEARING TREES HAD BEEN CUT DOWN.  
FIELD NOTES CALLED FOR CORNER 2 CH. 50 L. W. OF  
CREEK AND 1 CH. 50 L. E. OF ANOTHER CREEK. C.L.  
PARKER AND OTHERS TESTIFIED THAT HTEY HAD  
SEEN THE STAKE AND BEARING TREES WHEN  
STANDING. THEREFORE I SET A POST FOR CORNER  
FROM WHICH  
A WHITE FIR 36 IN. DIA. BEARS S 5°45' W 69 L.  
AN ALDER 12 IN. DIA. " N 8° E 57 L.***(APRIL 24 & 25 1895)  
BT BOOK "A" PAGE 194 & 195 BY W.N. MESERVE***FOR THE 1/4 SEC CORNER, SET A 3x4x20IN. CAST IRON MAR. X  
INSIDE THE RIM OF A 12 IN. PULLEY, BOTH BURIED 18 IN. IN  
EARTH, THE CORNER EXTENDS ABOVE GROUND 2 IN.  
FROM WHICH  
A PIT BEARING E. 5 FT. CONTAINS A PIECE OF CAST IRON  
2x7x24 IN. MAR. X OF AN IRREGULAR SHAPE. BURIED IN THE  
EARTH 24 IN. A PIT CONTAINING 9 PIECES OF CASTIRON  
BEING PART OF A PULLY GRATE BAR ECT. BURIED IN THE  
EARTH 24 IN. BEARS W-FIVE FT.***(FEBRUARY 1924)  
FIELD BOOK 25 PAGE 55 BY L.J. VAN ORSHOVER  
FOR CS# 197***1/4 COR. SEC. 34  
1/4"x1 1/2"x14" IRON STRAP ON SOUTH SHOULDER  
OF FILL. BACK 93.8 TO 1/4 COR. SEC. 3, -4-4***(AUGUST 1924)  
CS# 203 BY L.J. VAN ORSHOVER  
CS#191B IS THE "WORK MAP" FOR CS# 203  
IRON BAR****(AUGUST 9, 1977)  
CS# 2992 BY ANDREW M. KLEIN  
1/4 COR. SEC. 34  
LOOKED FOR BUT DID NOT FIND MONUMENT AT  
THIS CORNER****(AUGUST 1977)  
CS# L-1073 BY RICHARD A. MORRIS  
1/4 CORNER S. BOUNDARY SECTION 34 MISSING.  
SET 5/8"x30" IRON ROD 36" IN THE GROUND ON S.  
SHOULDER OF COUNTY ROAD 7.5' S. OF CL.  
ALUMINUM NAIL IN 20" FIR 574E 41.70'****(JUNE 30, & NOVEMBER 1, 1997)  
CS# 4347 & 4367 BY LESLIE G. KEENON  
SOUTH 1/4 CORNER SECTION 34  
A 5/8" IRON ROD WITH MORRIS CAP PER CS No. L-  
1073 BEARS S 89°19' W 8.23'****(OCTOBER 8, 1999)  
PLAT BOOK 5 PAGE 60.  
"NICKERSON RIDGE ESTATES" BY LESLIE G. KEENON  
SOUTH 1/4 CORNER SECTION 34  
A 5/8" IRON ROD WITH Y.P.C. MARKED "PLS 401" PER  
CS No. L-1073 S 89°18'33" W 7.96' FROM THE TRUE  
1/4 CORNER.**

BEARINGS ARE GRID BASED ON GPS  
CONTROL, ESTABLISHED FROM  
CONTROL POINTS "VERNONIA" AND  
"APAIKY".



DISTANCES ARE GROUND

**LEGEND**

- FOUND 5/8" REBAR AS NOTED
- ⊙ SET 1 1/4" x 30" GALVANIZED IRON PIPE  
WITH 3 1/4 ALUMINUM CAP STAMPED AS SHOWN

# CORNER RESTORATION SURVEY

## STANDARD SOUTH QUARTER CORNER

### T5N R4W SECTION 34 OF THE W.M.

#### COLUMBIA COUNTNTY, OREGON

DECEMBER 2, 2009

**NARRATIVE**

THE PURPOSE OF THIS SURVEY WAS TO REESTABLISH THE STANDARD QUARTER CORNER OF SECTION 34, T 5 N, R 4 W, OF THE W.M. THE CORNER WAS CONSIDERED LOST AND RESET IN 1891 BY COUNTY SURVEYOR M.N. MESERVE. I AM TREATING THIS POSITION AS ORIGINAL AND SET A NEW MONUMENT BASED ON L.J. VAN ORSHOVEN TIES OF THIS CORNER TO THE CLOSING CORNER OF SECTION 3, 4N 4W. I HELD SAID CLOSING CORNER FOR LINE AND SET THE STANDARD AT 93.8' FROM THE CLOSING CORNER. I DID NOT USE THE 1977 PROPORTIONED POSITION SET BY RICHARD MORRIS, I DO NOT FEEL THAT THE 1891 CORNER WAS LOST, HAVING BEEN TIED TO THE RECOVERED CLOSING CORNER. ALSO, ALL OF THE SURVEYS FILED AFTER RICHARD MORRIS HAVE CALCULATED THE CORNER IN A SIMILAR FASHION. THIS SOLUTION REDUCES THE IMPACT ON CURRENT OWNERSHIP COMPARED TO A PROPORTIONED POSITION. I SEARCHED FOR 1891 EVIDENCE; HOWEVER, THERE HAS BEEN A LOT OF ROAD WORK, INCLUDING TRENCHING ALONG THIS ROAD AND I BELIEVE THE MONUMENTS WERE DESTROYED DURING THIS PROCESS.

THE CORNER WAS SET FROM GPS CONTROL USING TOPCON GR3 RECEIVERS AND A TOPOC GTS 300 TOTAL STATION WITH A FC 2200 CONTROLLER. I THEN OCCUPIED THE CORNER WITH THE INSTRUMENT AND TURNED ANGLES AND MEASURED DISTANCES TO THE REFERENCES SHOWN.

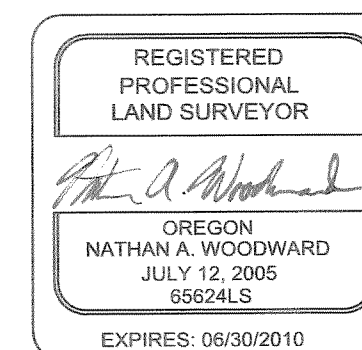
I, Leslie G. Keenon, Columbia County Surveyor, do hereby acknowledge and accept this monument as the legal and permanent position. This corner reestablished at the identical spot where the original corner was located and approved by the General Land Office or determined to be the best solution for this corner location.

*Leslie G. Keenon*  
Leslie G. Keenon

*MARCH 29, 2010*  
Date

**COLUMBIA COUNTY SURVEYOR'S OFFICE  
CORNER RESTORATION SURVEY**

FIELD CREW Nathan A. Woodward Roy W. Hammond Jerry L. Keenon	FIELD BOOK: K2009 PAGE 12	
	SCALE: 10 Ft/in	DRAWING DATE: January 27, 2010
CHECKED BY: Nathan A. Woodward	DRAFTED BY: Nathan A. Woodward	SHEET 3/7



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## HISTORY

(ITALICS ARE A DIRECT QUOTE OF RECORD)

(MAY 2, 1891)  
BT BOOK "A" PAGE 54 BY W.N. MESERVE

RESTORATION OF THE QUARTER SECTION CORNER ON THE LINE BETWEEN SECTION 3 AND 34. T.4N, R4W. AND T5N, R4W I COULD FIND NO CORNER POST NOR BEARING TREE AS BOTH BEARING TREES HAD BEEN CUT DOWN, FIELD NOTES CALLED FOR CORNER 2 CH 50 L.W. OF CREEK AND 1 CH. 50L. E. OF ANOTHER CREEK. C.L. PARKER AND OTHERS TESTIFIED THAT THEY HAD SEEN THE STAKE AND BEARING TREES WHEN STANDING, THEREFORE I SET A POST FOR CORNER FROM WHICH A WHITE FIR 36 IN. DIA. BEARS S 5° 45' W 69 L. AN ALDER 12 IN DIA. . . N 8° E 57 L.

(APRIL 24, 1895)  
BT BOOK "A" PAGE 194-196 BY W.N. MESERVE

THENCE 79.93 1/3 ON TRUE LINE BETWEEN SECTIONS, 3 & 34. AND FOR THE 1/4 SEC. CORNER, SET A 3x4x20 IN. CAST IRON MAR. X, INSIDE THE RIM OF A 12 IN. PULLEY, BOTH BURIED 18 IN. IN THE EARTH, THE CORNER EXTENDS ABOVE GROUND 2 IN. FROM WHICH A PIT BEARING E. 5 FT. CONTAINS A PIECE OF CAST IRON 2x7x24 IN. MAR X, OF AN IRREGULAR SHAPE, BURIED IN THE EARTH 24 IN. A PIT CONTAINING 9 PEICES OF CAST IRON- BEING PARTH OF A PULLEY GRATE BAR ECT. BURIED IN THE EARTH 24 IN. BEARS W-FIVE FT.

(AUG 17, 1901)  
BT BOOK "A" PAGE 339 BY A.B. LITTLE

RESTORATION OF THE QUARTER SECTION CORNER ON THE NORTH BOUNDARY OF SEC. 3 T.4N, R4W I BEGIN AT THE CLOSING COR. OF SECS 3 & 4 AND FIND THE DISTANCE TO THE CLOSING COR. OF SECS 2 & 3, (EACH OF THESE CORS HAVING BEEN ESTABLISHED BY W.N. MESERVE COUNTY SURVEYOR) TO BE 78.76 CHS. AT THE EQUIDISTANT POINT OR 39.38 CHS FROM EITHER CORNER, I FOR THIS COR A CAST IRON BAR, OR PART OF A COGGED TRACK OF A SAWMILL CARRIAGE HAVING 13 COGS. FROM WHICH A FIR 24 INS. DIA. BEARS S 31° W 306 LKS DIST. "WHITE" 18 " " " S 37° 30' W 265 " " " "CEDAR STUMP " S 52° W 99 " " " EACH TREE BEING MARKED 1/4 CS BT PRESENT AM PARKER & W.M. CASE

(UNKNOWN)  
CS #191A&B WORK MAP BY L.J. VAN ORSHOVEN  
STANDARD 1/4 CORNER 93.8 FEET FROM CLOSING 1/4 CORNER

(FEBRUARY 1924)  
SUBDIVISION OF THE SW 1/4 OF THE SE 1/4 OF SECTION 34  
CS #197 BY L.J. VAN ORSHOVEN  
SHOWS DISTANCE TO CLOSING QUARTER CORNER AS 93.8'  
FIELD BOOK 25, PG. 55-56  
1/4 CORNER SEC. 34, 5-4  
1/4"x1 1/2"x14" IRON STRAP ON SOUTH SHOULDER OF FILL  
BACK 93.8 TO 1/4 COR. SEC. 3, 4-4  
TWO POSTS BEAR NE + NW - 28.0 FT.

(AUGUST 1924)  
SUBDIVISION OF THE 1/2 OF SECTION 3  
CS #203 BY L.J. VAN ORSHOVEN  
SHOWS DISTANCE TO CLOSING QUARTER CORNER AS 93.8'

(NO DATE, ESTIMATE 1930'S)  
CS # M-523 NO NAME, BELIEVED TO BE CHAS. MARSTON  
OF CLARK & WILSON LBR. CO.  
COR. 5 EST'D & SET 1" IRON PIPES  
1/4 COR N. BDY SEC 3 T4N R4W  
1/4 COR S. BDY S. 34 T5N R4W

(AUGUST 9, 1977)  
CS #2992 BY ANDREW M. KLEIN  
CALCULATES STANDARD 1/4 CORNER 93.8 FEET FROM CLOSING 1/4 CORNER

(MAY 25, 1978)  
CS #3025 BY JERRY S. MARIS  
N 1/4 COR. 3  
OLD 1 1/2" IPF 0.5' DEEP  
WITH NARROW TOP HELD

(SEPTEMBER 18, 1980)  
CS #L-1426 BY DUANE M. FORNEY  
FD. N. 1/4 COR. SEC. 3  
1 1/2" IP 0.5 BELOW SURFACE ON SOUTH EDGE OF PAVEMENT.

(1989)  
BEARING TREE BOOK "CS" PAGE 192 BY: PHILIP DEWEY  
MR. DEWEY COMBINES THE HISTORY OF THE STANDARD 1/4 CORNER WITH THE FINDINGS OF THE CLOSING CORNER? HE THEN DECIDES THAT THE EVIDENCE IS INCOMPLETE AND DOES NOTHING.

(JULY 16, 1990)  
CS # B-19 BY: LESLIE G. KEENON  
FOUND FOR 1/4 COR.  
A 1 1/2" I.P. TOP PINCHED 0.5 DEEP WITH 5/8" I.R. N6.5'

(NOVEMBER 1, 1997 - SEPTEMBER 10, 2004)  
CS #4212, 4347, 4367, 4678, 5193 AND SUBDIVISION PLAT BOOK 5, PAGE 60  
ALL BY: LESLIE G. KEENON  
NORTH 1/4 CORNER SECTION 3  
1 1/2" IRON PIPE WITH A PINCHED TOP IN MONUMENT BOX.

(JANUARY 2, 2001)  
BT BOOK "CS" PAGE 201-202 BY PHILIP DEWEY  
DESCRIPTION OF EVIDENCE FOUND: CONCRETE MONUMENT CYLINDER AT EDGE OF OIL ROAD WITH ALUMINUM POST AND COL. CO. TAG 510' NO DATE TONY DEWEY & ROBERT DEWEY.  
CRIMPED 1 1/4" I.P. WITH SMASHED TOP 0.5' EXPOSED IN CONCRETE MONUMENT BOX, 0.8' BELOW SURFACE OF ROAD. (HELD) 1/2" I.P. EAST 0.28' 0.2' EXPOSED IN MONUMENT BOX.

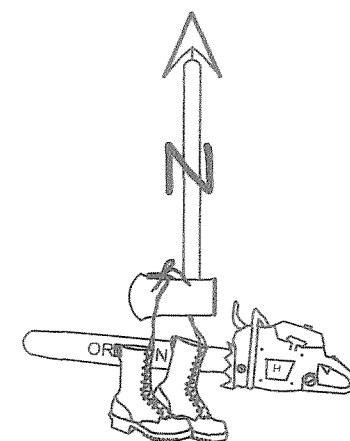
DESCRIPTION OF MONUMENT AND ACCESSORIES ESTABLISHED:  
29" FIR S32°E 19.66' TO RAIL ROAD SPIKE IN BLAZE AND ALUM. TAG.  
10" CEDAR S50°W 15.48' TO RAIL ROAD SPIKE IN BLAZE AND ALUM. TAG.  
5/8"x30" I.R. WITH YELLOW PLASTIC CAP MARKED COL. CO. SURVEYOR N35° W 25.65' WITH ALUM POST AND TAG N35°W 1' +- OF REFERENCE.  
5/8"x30" I.R. WITH YELLOW PLASTIC CAP MARKED COL. CO. SURVEYOR N53° E 31.58' WITH ALUM POST AND TAG N53°E 1' +- OF REFERENCE.

(MAY 27, 2009)  
CS # 5649 BY: CHARLES E. SPEAR  
NORTH 1/4 CORNER SECTION 3, A 1 1/2" I.P. WITH PINCHED TOP IN MON. BOX. HELD.

## CORNER RESTORATION SURVEY CLOSING CORNER, NORTH QUARTER CORNER SECTION 3 T4N, R4 W, OF THE W.M. COLUMBIA COUNTY, OREGON

DECEMBER 23, 2009

PAGE 4 OF 7



BEARINGS FOR THE DIAGRAM ARE BASED ON GPS CONTROL POINTS "VERNONIA" AND "APIARY" THE CORNER REFERENCES ARE BASED ON A HAND COMPASS WITH A DECLINATION OF 21° EAST.



## NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO EVALUATE, VERIFY AND REMONUMENT THE EXISTING NORTH QUARTER CORNER OF SECTION 3, T4N, R4W, OF THE W.M.

ON DECEMBER 2, 2009 JERRY AND I FOUND A 1" IRON PIPE WITH A PINCHED TOP, A 1/2" IRON PIPE .28 EAST, BOTH LOCATED INSIDE A CONCRETE MONUMENT BOX IN KNOTT ST, PER BT. BK. "CS" PG. 201-202. WE FOUND AN OLD LOT CORNER SET BY L.J. VAN ORSHOVEN IN CS #197 AND THE REMAINS OF A CEDAR STUMP THAT FIT WELL WITH THE 1901 RECORD POSITION IN BT BOOK "A" PAGE 339. WE THEN REFERENCED THE PIPE WITH PK NAILS FOR REMOVAL. WHILE REMOVING THE 1" PIPE WE REALIZED THAT IT WAS MORE LIKE A PIECE OF CONDUIT, PROPTING US TO DIG FOR MORE EVIDENCE. WE FOUND A PIECE OF CAST IRON (PHOTOS ON FILE) 0.5 FEET NORTH AND 1 FOOT BELOW THE ROAD SURFACE WHICH WE FELT WAS SET IN 1901 BY A.B. LITTLE. THE 1" PIPE WAS MOST LIKELY SET BY CHAS. MARSTON IN CS # M-523. HE MENTIONS THAT THE CORNER WAS ESTABLISHED AND SET A 1" IRON PIPE. I BELIEVE THAT HE SET THE PIPE FROM REFERENCES, OF WHICH, ARE A FAIR DISTANCE AWAY, 99 LINKS, 306 LINKS AND 265 LINKS. AT THESE DISTANCES I COULD SEE BEING OFF BY 0.5' FROM THE COG. THE OTHER THEORY IS THAT HE SET A PIPE ABOVE THE ESTABLISHED MONUMENT WHICH LATER WAS DESTROYED DURING ROAD CONSTRUCTION. THEREFORE WE HELD THE POSITION OF THE CAST IRON COG AS THE TRUE CLOSING QUARTER CORNER OF SECTION 3, REPLACING IT WITH THE MONUMENT SHOWN, WITH THE CAST IRON COG BURIED UPSIDE DOWN AND ALONGSIDE.

THE SURVEY WAS PERFORMED USING TOPCON GR3 GPS RECEIVERS AND A TOPCON GTS 300 TOTAL STATION WITH A FC 2200 DATA COLLECTOR.

## LEGEND

- FOUND MONUMENT AS NOTED
- FOUND ALUMINUM POST AND TAG
- SET 1 1/4" X 30" GALVANIZED IRON PIPE WITH 3 1/4" ALUMINUM CAP MARKED AS SHOWN.
- ( ) RECORD BEARING AND/OR DISTANCE

STANDARD QUARTER CORNER SECTION 34, T5N, R4W, W.M. SEE PAGE 3 FOR DETAILS.

FOUND 5/8" REBAR WITH COLUMBIA COUNTY YELLOW PLASTIC CAP SET IN BT BOOK "CS" PAGE 201-202.

(N36°W 25.89 BT BK "CS" PG. 202)  
N 36° W 25.34'

(S89°30'E 93.8) CS# 197  
N 87°40'31" W 93.79'

(S89°30'E 579.7) CS# 197  
S 87°26'39" E 579.10'

FOUND 1 1/2" IRON PIPE 0.7' FT. BELOW THE SURFACE 1 FT. SOUTH OF ROAD. BELIEVED TO BE SET IN CS# 197

(S 52° W 99 LKS) BT BK. A PG. 339  
S 58° W 65.65'

S 52° W 15.91'  
(S59°W 15.48) BT BK. "CS" PG. 202

SOUTH 10.0'

(S32°E 19.66) BT BK. "CS" PG. 202  
S 30° E 20.08'

\* FOUND 36" CEDAR WITH 2000 COUNTY TAG "N32°W 19.66", VISIBLE SCRIBE AND RR SPIKE AT BOTTOM OF FACE.

\* NOTE:  
2000 COUNTY TAGS ARE REVERSED ON THE TREES. PRIOR REFERENCES WERE MEASURED TO 1" IRON PIPE.

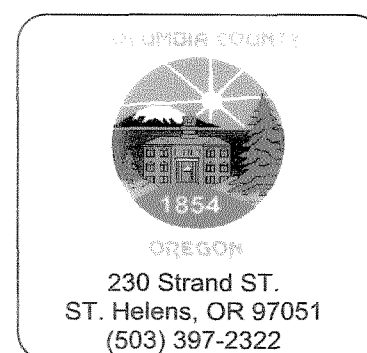
FOUND THE REMAINS OF A CEDAR STUMP WITH POSSIBLE SCRIBE MARKS. (PHOTOS ON FILE)

\* FOUND 36" WHITE FIR WITH 2000 COUNTY TAG "N50°E 15.48", HEALED FACE AND RR SPIKE AT BOTTOM OF FACE.

I, Leslie G. Keenon, Columbia County Surveyor, do hereby acknowledge and accept this monument as the legal and permanent position. This corner reestablished at the identical spot where the original corner was located and approved by the General Land Office or determined to be the best solution for this corner location.

Leslie G. Keenon

MARCH 29, 2010  
Date



## COLUMBIA COUNTY SURVEYORS OFFICE CORNER RESTORATION SURVEY

FIELD CREW  
Nathan A. Woodward  
Jerry Keenon  
:

FIELD BOOK: K2009 Page 10 & 11

SCALE:  
5 F/In

DRAWING DATE:  
February 4, 2010

CHECKED BY:  
Nathan A. Woodward

DRAFTED BY:  
Nathan A. Woodward

SHEET  
4/7

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

OREGON  
NATHAN A. WOODWARD  
JULY 12, 2005  
65624LS

EXPIRES: 06/30/2010

CS 5707 BT  
4 OF 7

CS 5707 BT  
4 OF 7

CS 5707 BT  
4 OF 7



CS 5707 BT  
5 OF 7

CS 5707 BT  
5 OF 7

## HISTORY

(ITALICS ARE A DIRECT QUOTE OF RECORD)

CORNER ORIGINALLY SET BY W. SMITH UNDER GLO  
CONTRACT # 152 MAY 24TH 1871

SET A POST FOR CORNER TO SECTIONS 34 AND 35  
FROM WHICH

A FIR 18 IN DIA BEARS N45°W 83 LINKS DIST.

A FIR 14 IN DIA BEARS N65°E 73 LINKS DIST

A FIR 20 IN DIA BEARS S70°W 30 LINKS DIST

(APRIL 24, 1895)

BT BOOK "A" PAGE 195 BY W.N. MESERVE

SET A ROCK CONTAINING 1000 CUBIC IN MAR. X ON TOP SIDE, FOR  
STANDARD CORNER OF SECS. 34-35.

FROM WHICH

A ROCK CONTAINING 800 CUBIC IN MAR. X BURIED 24 IN. IN THE  
EARTH BEARS N. 5 FT.

A ROCK CONTAINING 800 CUBIC IN MAR. X BURIED 24 IN. IN THE  
EARTH BEARS EAST 5 FT.

(DATE UNKNOWN)

CS #191 BY L.J. VAN ORSHOVEN (WORK MAP FOR CS# 203)

NOTES ROCK AT CORNER

(AUGUST 1924)

CS# 203 BY L.J. VAN ORSHOVEN

NOTES ROCK AT CORNER

(AUGUST 1977)

CS# L-1073 BY RICHARD A. MORRIS

S.E. CORNER SECTION 34 FOUND STONE WITH X IN TOP SET BY  
COUNTY SURVEYOR IN 1895. FOUND STONE N. 5.0' 1" I.P. WITH LEAD  
CAP ON W. EDGE OF CORNER STONE.

(DECEMBER 10, 1977)

CS# L-1123 BY JOHNNIE SUMMERS

FD. STONE @ SEC COR.

(DECEMBER 1982)

CS# 3353 BY JERRY C. OLSON

FND STONE W/"X" MARK. STONE IS AT EAST EDGE OF 1" I.P. W/LEAD  
CAP. ALSO FOUND THE STONES N. 5' & E. 5' AS SET BY THE COUNTY  
SURVEYOR MESERVE

(SEPTEMBER 14, 1990)

BT BOOK "CS" PAGE 130 BY PHILIP DEWEY

FOUND A 12" SQUARE STONE WITH A "X" ON TOP FOR THE CORNER.  
FOUND A BENT 1" IRON PIPE WITH A LEAD FILLED CAP STAMPED T4, 5N  
R4W 34 35/3 1958, N89° 17' W 3.5' (BENT N89°E 0.4').

A WHITE 4"X4" POST WITH CROWN ZELLERBACH YELLOW TAG AND  
PROPERTY LINE TAG N38°19'30"E 1.25'

A 48" FIR STUMP WITH FACE MOSTLY GROWN OVER, SCRIBES VISIBLE  
BUT NOT ENOUGH SHOWING TO READ, N9°26'50"E 46.63 TO FACE.

AN 18" FIR WITH GROWN OVER FACE (CHOPPED OUT) SCRIBES VISIBLE  
SCRIBED STD 549 BT, S27°56'40"E 12.74' TO FACE

ALSO FOUND A STONE AT THE CLOSING CORNER OF SECTIONS 2&3,  
T.4N., R.4W..

REFERENCED THE STONE WITH A SCRIBED 18" FIR S27°56'40"E 12.05'  
TO RAILROAD SPIKE SET IN BASE.

A 12" FIR S61°30'20"W 23.32' TO RAILROAD SPIKE SET IN BASE,  
SCRIBED "CS BT".

THIS CORNER IS 16.88' SOUTH OF THE CENTERLINE OF A THREE  
STRAND POWER LINE AND 57.77' WSTERLY OF STONE AT 2&3-4-4  
CLOSING CORNER.

(JUNE 26, 1991)

CS# B-86 BY LESLIE G. KEENON

FOUND SEC. CORNER STONE WITH "X" ON TOP AND 1990 COUNTY  
SURVEYOR BT'S.

## NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO VERIFY AND REMONUMENT THE STANDARD SECTION CORNER SET BY W.N. MESERVE IN 1895. AS MENTIONED IN THE HISTORY OF THE CORNER, MESERVE SET A STONE AND STONE REFERENCES BY PROPORTIONATE MEASURES. EVEN THOUGH I WOULD NOT DERIVE THE SAME PROPORTIONATE SOLUTION BASED ON MY MEASUREMENTS, I FEEL THAT THE STONE SET IN 1895 SHOULD BE CONSIDERED THE ORIGINAL POSTION FOR THE STANDARD SECTION CORNER COMMON TO SECTIONS 34&35 T 5 N, R 4 W. OF THE W.M.

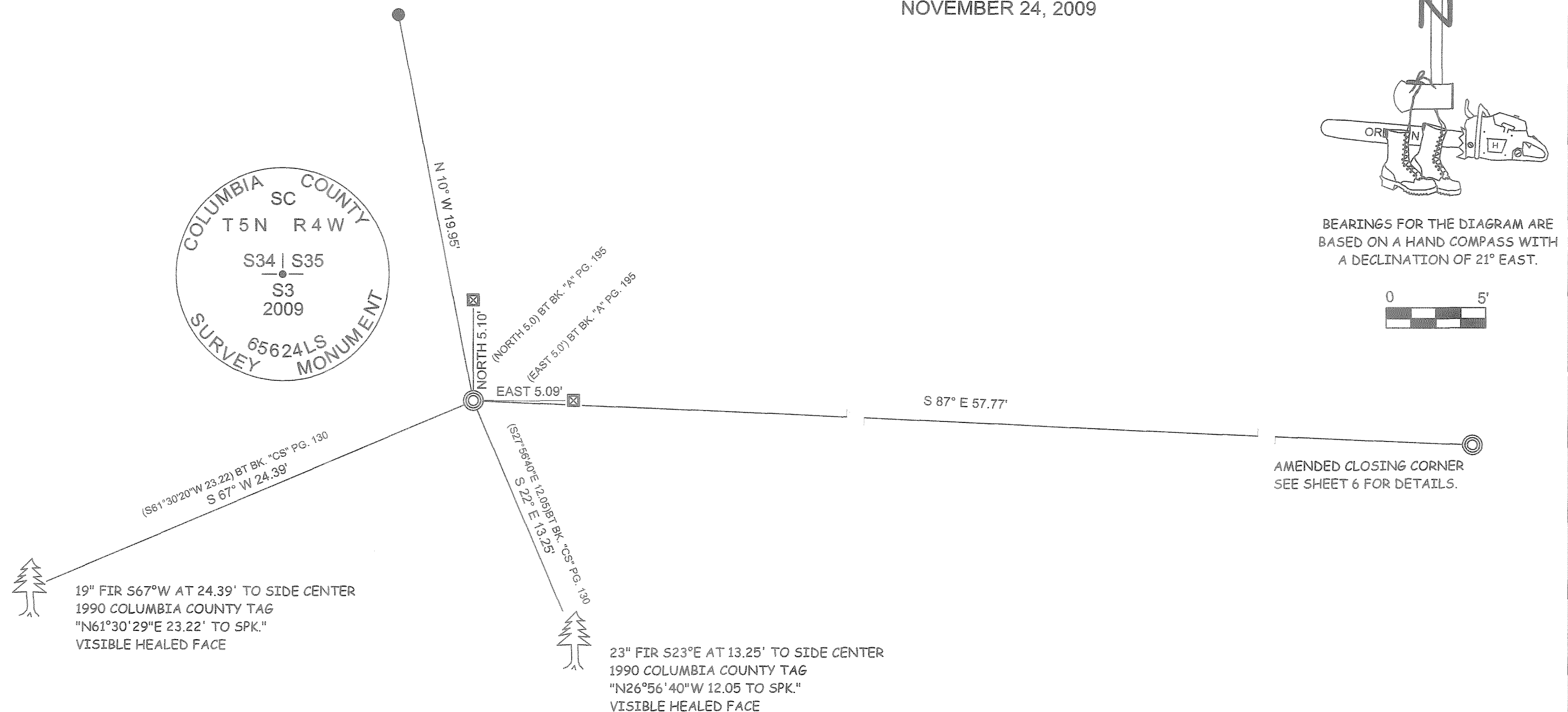
NOVEMBER 24, 2009 JERRY AND I FOUND THE STONE SET BY W.N. MESERVE IN APRIL OF 1895. WE VERIFIED IT BY THE REFERENCE STONES ALSO SET BY MESERVE AND THE 1990 COUNTY REFERENCES SET. WE DID NOT CHOP OUT THE SPIKES IN THE 1990 REFERENCES TO MEASURE. WE MEASURED THE TREES SIDE-CENTER. W.N. MESERVE SET THIS CORNER 0.9 CHAINS FROM THE CLOSING CORNER POST TO SECTIONS 2&3 AND WE MEASURED 57.8 FEET BETWEEN THE TWO STONES, MATCHING L.J. VAN ORSHOVENS DISTANCE BETWEEN THE STONE AND THE POST AS PER CS# 203. WE ALSO FOUND A 1" IRON PIPE BENT, WITH A BABBITT FILLED REDUCER STAMPED " T4 5NR4W 34 35/3 1958" THIS MONUMENT WAS SET BY A CROWN ZELLERBACH EMPLOYEE ALONG THE WEST EDGE OF THE STONE, WITH NO FORMAL RECORD. I HELD THE POSITION OF THE STONE AND REMONUMENTED IT AS SHOWN IN THE ACCOMPANYING DIAGRAM. THE STONE WAS BURIED UPSIDE DOWN AND ALONGSIDE THE NEW MONUMENT AND THE CZ MONUMENT WAS REMOVED AND PLACED HORIZONTAL ALONGSIDE. EQUIPMENT USED, WERE TOPCON GR3 RECEIVERS AND A TOPCON GTS 300 TOTAL STATION.

Traverse PC

# CORNER RESTORATION SURVEY STANDARD SECTION CORNER SECTIONS 34 & 35, T5N, R4, OF THE W.M. COLUMBIA COUNTY, OREGON

NOVEMBER 24, 2009

PAGE 5 OF 7



I, Leslie G. Keenon, Columbia County Surveyor, do hereby acknowledge and accept this monument as the legal and permanent position. This corner reestablished at the identical spot where the original corner was located and approved by the General Land Office or determined to be the best solution for this corner location.

Leslie G. Keenon

Date

MARCH 29, 2010

## LEGEND

- SET 1/2"X 30" REBAR WITH A RED PLASTIC CAP MARKED " COL. CO. REFERENCE"
- ⊙ SET 1 1/4" GALVANIZED IRON PIPE WITH 3 1/4" ALUMINUM CAP STAMPED AS SHOWN
- ☒ STONE WITH X (MESERVE 1895)
- ( ) RECORD BEARING AND/OR DISTANCE



230 Strand St.  
St. Helens, OR 97051  
(503) 397-2322

## COLUMBIA COUNTY SURVEYORS OFFICE CORNER RESTORATION SURVEY

FIELD CREW  
Nathan A. Woodward  
Jerry Keenon

FIELD BOOK: K2009 Page 8

SCALE:  
5 F/In

DRAWING DATE:  
February 15, 2010

CHECKED BY:  
Nathan A. Woodward

DRAFTED BY:  
Nathan A. Woodward

SHEET  
5/7

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

NATHAN A. WOODWARD  
JULY 12, 2005  
65624LS

EXPIRES: 06/30/2010

CS 5707 BT  
5 OF 7

CS 5707 BT  
5 OF 7

CS 5707BT  
6 OF 7

CS 5707BT  
6 OF 7

## HISTORY

(ITALICS ARE A DIRECT QUOTE OF RECORD)

CORNER ORIGINALLY SET BY W. SMITH UNDER GLO  
CONTRACT # 152 MAY 24TH 1871  
83 00 INTERSECTED THE 1ST STANDARD PARALLEL 90  
LINKS EAST OF STANDARD CORNER, PLANTED POST  
FOR CLOSING CORNER FROM WHICH  
A FIR 20 IN DIA BEARS N30°E 18 LINKS DIST.  
A FIR 6 IN DIA BEARS S45°W 34 LINKS DIST  
A MAPLE 6 IN DIA BEARS S30°W 40 LINKS DIST

(APRIL 24, 1895)

BT BOOK "A" PAGE 195 BY W.N. MESERVE  
SET A 6 X 6 X 60 IN. CEDAR POST, 35 IN. IN THE EARTH FOR CLOSING  
CORNER OF SECS. 3 & 2. FROM WHICH  
A FIR 24 IN BEARS S33°15' E. 70 1/2 LKS.  
" " 30 " " N64°25' E. 66 "

(DATE UNKNOWN)

CS #191 BY L.J. VAN ORSHOVEN (WORK MAP FOR CS# 203)  
NOTES POST AT CORNER 57.8 FEET FROM STONE

(AUGUST 1924)

CS# 203 BY L.J. VAN ORSHOVEN  
NOTES POST AT CORNER 57.8 FEET FROM STONE

(DECEMBER 10, 1977)

CS# L-1123 BY JOHNNIE SUMMERS  
FD. STONE @ SEC COR.

(DECEMBER 1982)

CS# 3353 BY JERRY C. OLSON  
FND 1" I.P. W/LEAD CAP. THERE IS A STONE JUST EAST OF THE I.P.  
WITH A PORTION OF AN "X" MARK ("T") SCRIBED IN THE TOP FROM  
WHICH WE FOUND THE FOLLOWING:  
S33°15' E 46.53' (MESERVE S33°15' E 46.53')  
FND. 24" FIR BT SET BY MESERVE IN 1895. IT HAS AN ADDITIONAL 3"  
OVERGROWTH BUT THE FACE HAS BEEN BURNT SO NO SCRIBING IS  
VISIBLE.  
N64° 25' E 43.56' ( MESERVE N64° 25' E 43.56' )  
FND. THE ROOTS OF 30" FIR BT SET BY MESERVE.

(SEPTEMBER 14, 1990)

BT BOOK "CS" PAGE 129 BY PHILIP DEWEY  
FOUND A 12" SQUARE STONE MARKED 35/3&2 FOR THE CORNER. ALSO  
FOUND A 1" GALVANIZED IRON PIPE WITH A LEAD FILLED CAP  
STAMPED T4N R4W 35/3&2 1958, S64° 16' 19" W 0.55, A VERY RUSTY 1 1/4"  
IRON PIPE N89°17' W 0.70', THE REMAINS OF A ROTTED CEDAR POST  
N89°17' W 1.40', A WHITE 4"x4" POST WITH CROWN ZELLERBACH  
YELLOW TAG AND PROPERTY LINE TAG N35°07'55"E 2.20', A 42" FIR  
STUMP WITH FACE (NO SCRIBE VISIBLE) (STUMP BURNT AND ROTTED)  
S33°44'45"E 45.89 TO FACE, A 16" FIR WITH A GROWN OVER FACE  
(CHOPPED OUT) SCRIBED S2, CO, 549, BT, S17°32'17"E 25.95' TO FACE  
AND A 17" FIR WITH GROWN OVER FACE (CHOPPED OUT) SCRIBED CC,  
BT, S56°19'23"W 13.47' TO FACE. FOUND THE STANDARD CORNER  
(STONE) N89°17' W 57.77' FROM THE STONE AT THE CLOSING CORNER.

REFERENCED THE CORNER WITH A 16" FIR WITH SCRIBED FACE S17°  
32'17"E 25.78' TO RAILROAD SPIKE SET IN BASE, COL. CO. ALU. TAG  
A 17" FIR WITH SCRIBED FACE S56°19'23"W 12.71' TO RAILROAD SPIKE  
SET IN BASE.  
A 13" CEDAR, SCRIBED CS BT, S87°17'45"E 42.43' TO RAILROAD SPIKE  
SET IN BASE AND  
A 27" FIR STUMP, SCRIBED CS BT, N35°23'15"E 88.08' TO RAILROAD  
SPIKE SET IN BASE. (NEW STUMPS)  
THIS CORNER IS 18.38' SOUTH OF THE CENTERLINE OF A THREE  
STRAND POWER LINE.

## NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO VERIFY AND REMONUMENT THE CLOSING SECTION CORNER SET BY W.N. MESERVE IN 1895. AS MENTIONED IN THE HISTORY OF THE CORNER, MESERVE SET A POST AND REFERENCES BY PROPORTIONATE MEASURES. EVEN THOUGH I WOULD NOT DERIVE THE SAME PROPORTIONATE SOLUTION BASED ON MY MEASUREMENTS, I FEEL THAT THE POST SET IN 1895 SHOULD BE CONSIDERED THE ORIGINAL CLOSING CORNER POSTION TO SECTIONS 3&2 T 4 N, R 4 W. OF THE W.M.

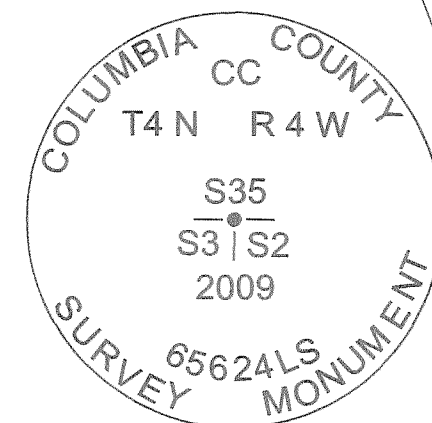
NOVEMBER 24, 2009 JERRY AND I FOUND FLAT STONE MARKED AS THE CLOSING CORNER SET BY PERSONS UNKNOWN. WE ALSO FOUND A 1" IRON PIPE, WITH A BABBITT FILLED REDUCER STAMPED " T4-5NR4W 35/3&2 1958" THIS MONUMENT WAS SET BY A CROWN ZELLERBACH EMPLOYEE ALONG THE WEST EDGE OF THE STONE, AND NEXT TO A 1 1/4" RUSTY IRON PIPE, BOTH WITH NO FORMAL RECORD. THE STONE FITS THE DISTANCE MEASURED BY L.J. VAN ORSHOVEN IN 1924 AND HAS BEEN USED AS THE CORNER SINCE. I TREATED THE STONE AS THE ORIGINAL CLOSING CORNER AND SET AN AMENDED CLOSING CORNER, ONLINE BETWEEN THE STANDARD SECTION CORNER AND THE STANDARD QUARTER CORNER OF THE CONTROLLING TOWNSHIP LINE. IF I WOULD HAVE FOUND EVIDENCE THAT THE STONE WAS SET IN THE EXACT LOCATION OF THE POST SET BY M.N. MESERVE IN 1895, I WOULD HAVE HELD IT AS THE ORIGINAL POSITION AND KINKED THE TOWNSHIP LINE. HOWEVER, THE LAND HAS BEEN LOGGED OVER AND MESERVES'S REFERENCES ARE JUST NOT DEFINITE ENOUGH TO DO SO. IN 1990 THE COLUMBIA COUNTY SURVEY FOUND A 1895 REFERENCE THAT MEASURED .64 FEET SHORT OF RECORD. I HAVE TO WONDER IF THE STONE WAS NOT PLACED JUST SOUTH OF THE 6"x6"x60" CEDAR POST. WITH THIS THOUGHT AND THE FACT I COULD VERIFY THE EXACT LOCATION OF THE OTHER TWO CONTROLLING MONUMENTS, I PLACED THE AMENDED CORNER ON THE TOWNSHIP LINE AND .85 FEET NORTH OF THE FOUND STONE.

# CORNER RESTORATION SURVEY CLOSING SECTION CORNER SECTIONS 3 & 2, T4N, R4, OF THE W.M. COLUMBIA COUNTY, OREGON

NOVEMBER 24, 2009

STANDARD SECTION CORNER  
SEE SHEET 5 FOR DETAILS.

(S 89°17' E 57.8) CS#203  
(S 88°40'30" W 57.8) CS# L-1123  
(N 0°7' W 0.9 CHS.) BT BK. "A" PG. 195  
S 87°26'47" E 57.77'



N 21° W 22.95'

POST NORTH 0.90'  
STONE SOUTH 0.85'

FOUND REMAINS OF 1990 FIR  
REFERENCE TO STONE.

S 56° W 12.71'  
S 42° W 19.83'

13" CEDAR S43°W AT 19.83' TO 60d SPIKE  
SCRIBED [ T4N R4W S3 BT ] YELLOW  
LOCATION TAG AT BREAST HEIGHT.

S 12° E 27.43'

NOTE:  
THE RECORD DISTANCE IS TO THE  
STONE; THEREFORE, I DID NOT  
REFERENCE IT ON THIS SKETCH.

FOUND 22" FIR S13°E 27.43'  
TO SIDE CENTER  
VISIBLE HEALED FACE AND 1990  
COLUMBIA COUNTY TAG.

## LEGEND

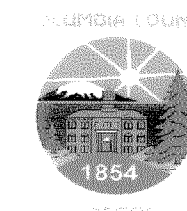
- SET 1/2"x 30" REBAR WITH A RED PLASTIC CAP MARKED " COL. CO. REFERENCE"
- ⊙ SET 1 1/4" GALVANIZED IRON PIPE WITH 3 1/4" ALUMINUM CAP STAMPED AS SHOWN
- ☑ FOUND STONE-ORIGIN UNKNOWN-
- COLUMBIA COUNTY ALUMINUM POST WITH TAG
- ( ) RECORD BEARING AND/OR DISTANCE

I, Leslie G. Keenon, Columbia County Surveyor, do hereby acknowledge and accept this monument as the legal and permanent position. This corner reestablished at the identical spot where the original corner was located and approved by the General Land Office or determined to be the best solution for this corner location.

Leslie G. Keenon

Date

MARCH 29, 2010



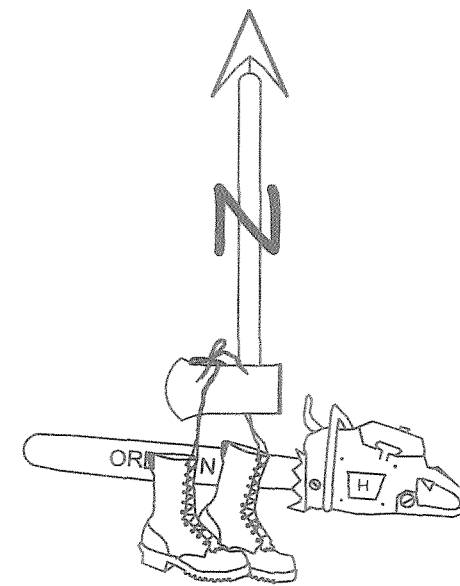
230 Strand St.  
St. Helens, OR 97051  
(503) 397-2322

## COLUMBIA COUNTY SURVEYORS OFFICE CORNER RESTORATION SURVEY

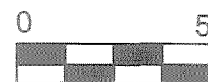
FIELD CREW Nathan A. Woodward Jerry Keenon		FIELD BOOK: K2009 Page 9	
CHECKED BY: Nathan A. Woodward		SCALE: 5 F/In	DRAWING DATE: February 15, 2010
DRAFTED BY: Nathan A. Woodward		SHEET 6/7	

## REGISTERED PROFESSIONAL LAND SURVEYOR

*Nathan A. Woodward*  
OREGON  
NATHAN A. WOODWARD  
JULY 12, 2005  
65624LS  
EXPIRES: 06/30/2010



BEARINGS FOR THE DIAGRAM ARE  
BASED ON A HAND COMPASS WITH  
A DECLINATION OF 21° EAST.



CS 5707BT  
6 OF 7

CS 5707BT  
6 OF 7



CS 5707 BT  
7 OF 7

## HISTORY

(ITALICS ARE A DIRECT QUOTE OF RECORD)

CORNER ORIGINALLY SET BY W. SMITH UNDER GLO  
CONTRACT # 152 MAY 24TH 1871  
40.00 SET A POST FOR 1/4 SECTION CORNER FROM WHICH  
A CEDAR 15 IN DIA BEARS S 70° E 18 LINKS DIST  
A FIR 45 IN DIA BEARS N 23° E 34 LINKS DIST

(APRIL 25, 1895)

BT BOOK "A" PAGE 196 BY W.N. MESERVE

ORIGINAL POST COULD NOT BE FOUND. ONE BEARING TREE WAS  
STANDING, WITH MARKS ON BARK, (GREEN) AND THE OTHER HAD BEEN  
BLOWN DOWN, AND MARKS HAD BEEN BURNT OFF. BOTH AGREE WITH  
FIELD NOTES, IN COURSE, DISTANCE AND DESCRIPTION.  
FOR CORNER I SET A 4 x 4 x 46 IN POST 20 IN. IN THE EARTH,  
FROM WHICH  
A CEDAR 18 IN, BEARS S 49°25' W 48 LKS.  
" FIR 50 " " S 74° 0' E 30 1/2 "  
" " 16 " " N 52° 35' W 63 "

(DECEMBER 1982)

CS# 3353 BY JERRY C. OLSON

FOUND ONE ORIGINAL GLO BT (N22°E) AND 3 COUNTY SURVEYOR  
BT'S. WE PULLED GLO BEARING AND DISTANCE FROM THE ORIGINAL  
BT AND SHAVED THE GROUND LOOKING FOR THE POST. FOUND 3/4"  
PIECE OF CHARCOAL THAT APPEARED TO BE THE TIP OF THE  
ORIGINAL POST 20" BELOW GROUND. THIS POINT WAS WITHIN 0.25'  
OF WHERE THE VARIOUS BT'S WOULD PUT IT. SET 1" I.P. WITH BRASS  
CAP WHERE CHARCOAL WAS FOUND FROM WHICH WE FOUND THE  
FOLLOWING:  
N 22° E 22.06' (GLO=N23°E 22.44') FND. 50" FIR STUMP WITH 3  
NOTCHES IN BARK IN A PYRAMID PATTERN (-\_). THE NOTCHES WERE  
ABOUT 6" LONG AND ABOUT 12" APART.  
S 73° E 19.95' (MESERVE S 74° E 20.1') FND. 54" FIR STUMP WITH FACE  
AND SCRIBE MARKS. FACE HAS BEEN BURNED.  
N 53° W 41.45' (MESERVE N 52°35' W 41.6') FND. 16" FIR STUMP WITH  
OVERGROWN FACE. DID NOT CHOP OUT.  
S 49° W 31.69' (MESERVE S 49°25' W 31.7') FND. 30" CEDAR STUMP  
WITH FACE AND SCRIBED "BT". THERE IS 5" OF OVERGROWTH.  
GLO CEDAR BT GONE (IN OLD SKID TRAIL)

(DECEMBER 18, 1989)

CS# 3674 BY LESLIE G. KEENON

FOUND S 1/4 SEC. 35, A 1" IP WITH BRASS CAP UP 10" AS PER CS 3353  
BT/RP A 14" FIR S88E 6.3 TO SPIKE  
A 17" FIR N6W 17.65 TO SPIKE  
AN 8" ALDER N79W 8.95 TO SPIKE

I, Leslie G. Keenon, Columbia County Surveyor, do hereby acknowledge and accept this monument as the  
legal and permanent position. This corner reestablished at the identical spot where the original corner  
was located and approved by the General Land Office or determined to be the best solution for this  
corner location.

  
Leslie G. Keenon

MARCH 29, 2010  
Date

## NARRATIVE

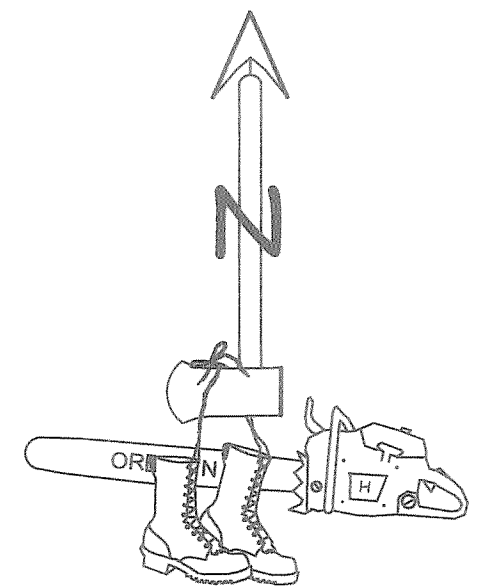
THE PURPOSE OF THIS SURVEY WAS TO TIE THE SOUTH QUARTER OF SECTION 35 TOWNSHIP 5 NORTH, RANGE 4 WEST, OF THE W.M., TOGETHER WITH THE SE SECTION CORNER OF  
SECTION 34, THUS FOLLOWING THE FOOT STEPS OF M.N. MESERVE IN 1895 BT BOOK "A" PAGE 194-196.

NOVEMBER 19, 2009 JERRY AND I FOUND AND HELD THE ABOVE MENTIONED EVIDENCE OF THE ORIGINAL QUARTER CORNER AND ITS PERPETUATION BY JERRY OLSON IN 1982. I  
WOULD LIKE TO MENTION THAT W.N. MESERVE MEASURED 78 FEET LONGER IN 1895, WITH THE MAJORITY FALLING BETWEEN THE SOUTH QUARTER AND THE SOUTHWEST SECTION  
CORNER OF SECTION 35. ALL OF THE MONUMENTS FOUND SEEM TO FALL, WITHIN REASON, ON THE 1895 LINE. I HAVE NO EXPLANATION OTHER THAN MESERVE "DROPPED A CHAIN"  
AFTER HE SET THE TEMP CORNER AT 80.90 CHAINS AND THEN DID NOT RUN BACK ON TRUE LINE, SETTING CORNERS FROM HIS RANDOM LINE. REGARDLESS, CONSIDERING THE  
LONGEVITY AND HISTORY OF ACCEPTANCE, I TREATED THESE FOUND CORNERS OF W.M. MESERVE AS ORIGINALS.

## CORNER RESTORATION SURVEY STANDARD QUARTER CORNER SECTION 35, T5N, R4, OF THE W.M. COLUMBIA COUNTY, OREGON

NOVEMBER 19, 2009

PAGE 7 OF 7



BEARINGS FOR THE DIAGRAM ARE  
BASED ON A HAND COMPASS WITH  
A DECLINATION OF 21° EAST.



FOUND REMAINS OF A FIR STUMP  
WITH VISIBLE AXE MARKS

FOUND 18" FIR HIGH STUMP WITH 4 HEALED  
BLAZES AND A OLSON ENGINEERING TAG.

FOUND REMAINS OF A LARGE FIR STUMP  
WITH VISIBLE AXE MARKS LOW ON  
STUMP. (ORIGINAL BT)

REFERENCED 6" FIR WITH  
FOUR NOTCHES N26°W 5.92 FEET  
TO A 60d SPIKE IN BOTTOM NOTCH

REFERENCED 6" FIR WITH  
FOUR NOTCHES N19°E 12.11 FEET  
TO A 60d SPIKE IN BOTTOM NOTCH

FOUND 6" STEEL FENCE POST  
WITH LONGVIEW FIBRE LOCATION TAG  
NORTH AT 1.0'

FOUND 17" FIR HIGH STUMP WITH 4 HEALED BLAZES  
AND A LONGVIEW FIBRE LOCATION TAG SET BY  
OLSON ENGINEERING

FOUND REMAINS OF A LARGE FIR STUMP  
WITH VISIBLE FACE AND POSSIBLE  
SCRIBE

FOUND REMAINS OF A CEDAR STUMP  
WITH VISIBLE SCRIBE MARKS

## LEGEND

- ⊙ FOUND 1" IRON PIPE WITH 2 1/2" BRASS CAP  
0.6' ABOVE GROUND, STAMPED AS SHOWN.  
( ) TAG INFORMATION FROM FOUND REFERENCE TAGS  
NO MENTION OF REFERENCES IN RECORD