NARRATIVE OF SURVEY

This survey was performed at the request of Mr. Gordy Schumacher on behalf of the Confederated Tribes of the Umatilla Indian Reservation. The purpose of the survey was to locate and post the easterly lines of Allotments T2041 and T2042 as shown hereon. The order of establishment of the boundaries in this Township are as follows: The Base line was run and Sections 3 and 10 subdivided as part of a fractional township by David Thompson and Daniel Chaplin in 1864. In 1872 Zenas Moody ran the Reservation boundary setting only the mile markers. In 1882, Rufus Moore subdivided that part of the township lying east of the Reservation boundary terminating his subdivision work short of the Reservation boundary. In 1887, James Currin and James Noland retraced the Reservation boundary holding Moody's alinement but destroying his monuments. They set both 1/2 mile and mile posts and a crossing closing corner on the Base line. After retracing the Reservation boundary they subdivided that part of the Township lying west of the Reservation Boundary tieing across the Reservation line to pre-existing corners between sections 3, 9, 10, 16 and 21 and setting closing corners representing the section lines at these crossings. Then, in 1895, Manius Buchanan completed the final fractional part of the township lying between the Rufus Moore survey and the Currin and Noland Reservation Boundary.

Prior to retracing the Reservation boundary line, I reviewed the three surveys which set the majority of the monuments that I found near the line being posted. The first of these surveys was Survey S-2-B done in June of 1971 for the Bureau of Indian Affairs. The focus of that survey was the subdivision of Section 9 to monument the corners of Lot 8. In this survey, the north, east and south quarter corners and the northeast section corner were all set by proportionate measure. Also, to proportion the northeast corner of Section 9. a fence corner was held to represent the controlling SE corner of Section 10. The bearing trees for that corner were since recovered in survey 95-221-B

The next survey reviewed was Survey S-1-B done in September of 1973. This survey further divided Section 9 for the purpose of monumenting Lots 11 and 15. However, survey S-1-B claims to have found the original monuments for the north and east 1/4 corners and the northeast section corner. However, the data shown indicate these points were set by proportion. There are large discrepancies between surveys S-1-B and S-2-B. These issues, coupled with the fact that the true position of the original east 1/4 corner and the closing corner on the south line of the section have now been found, render it unadvisable to hold their section subdivisions until the problems are resolved.

The next survey reviewed was survey J-77-B. This survey was done in July of 1974 for the Bureau of Indian Affairs. In that survey, the Reservation boundary line was located by proportioning the closing corners on the north and south lines of Section 16 and running the line based on those two proportioned points. The north line of Section 16 used was the one established by proportion under survey S-2-B discussed above. No indication is made on any of the three surveys reviewed that any of the half mile or mile markers of the Reservation boundary were searched for or found.

In retracing the Reservation boundary line by Currin and Noland, I began at Mile post 49.5 which had been reported on survey 97-156-B. I accept this corner as the original bearing trees are clearly scribed as called for on that survey. Next I found the original stone for mile post 50 lying loose in a berm at the edge of a small access road to the ODOT quarry site. There were no remains of the BT's to be found. The closing corner set by Currin and Noland to monument the Reservation boundary where it crosses the Base line falls in the easterly edge of the State Highway sand shed. This position was re-established in survey 97-156-B and held in survey 03-44-C. I have held this point as a proper angle point in the Reservation boundary line. Next, at the approximate mile post 51.97 near the north line of Lot 16 in Section 9, I found a brass cap of unknown origin. I assume that it came from survey J-77-B but have not held it as controlling the Reservation boundary. Next, at approximate mile post 52.23, near the north line of Section 16, I found a brass cap set by survey J-77-B. I also found the original NE BT by Currin and Noland lying with the scribing plainly visible on the southwesterly side of the down tree. The roots are still firmly set and the root hole distinct. Manius Buchanan stated that this tree was N35°E instead of N45°E as reported by Currin and Noland. However, Buchanan's tie to the SE corner of Section 9 is 49.5' longer than Currin and Noland's and Currin's comes much closer to matching what is on the ground. I therefore re-establish this closing corner using Currin's record bearing and distance from the bearing tree. Next, at mile post 52.5, I found the clearly marked record stone in a mound of stone. I remonument this point with a brass cap and rebuild the mound of stone. Last, at approximate mile post 53.21, found a brass cap in a mound of stone as called for on survey 95-168-B. This monument is also of unknown origin but is assumed to be from survey J-77-B since it is marked in a similar fashion as the other monuments from that survey. This monument has been in use since 1974. In the course of retracing this line from mile post 49.5 through mile post 55. all of the half mile and mile posts and closing corners were searched for. Much of the original evidence has been lost due to logging and fires. Given the extent of the loss of original evidence south of this point. I agree with survey 95-168-B that this monument constitutes the best available evidence of the true line at this

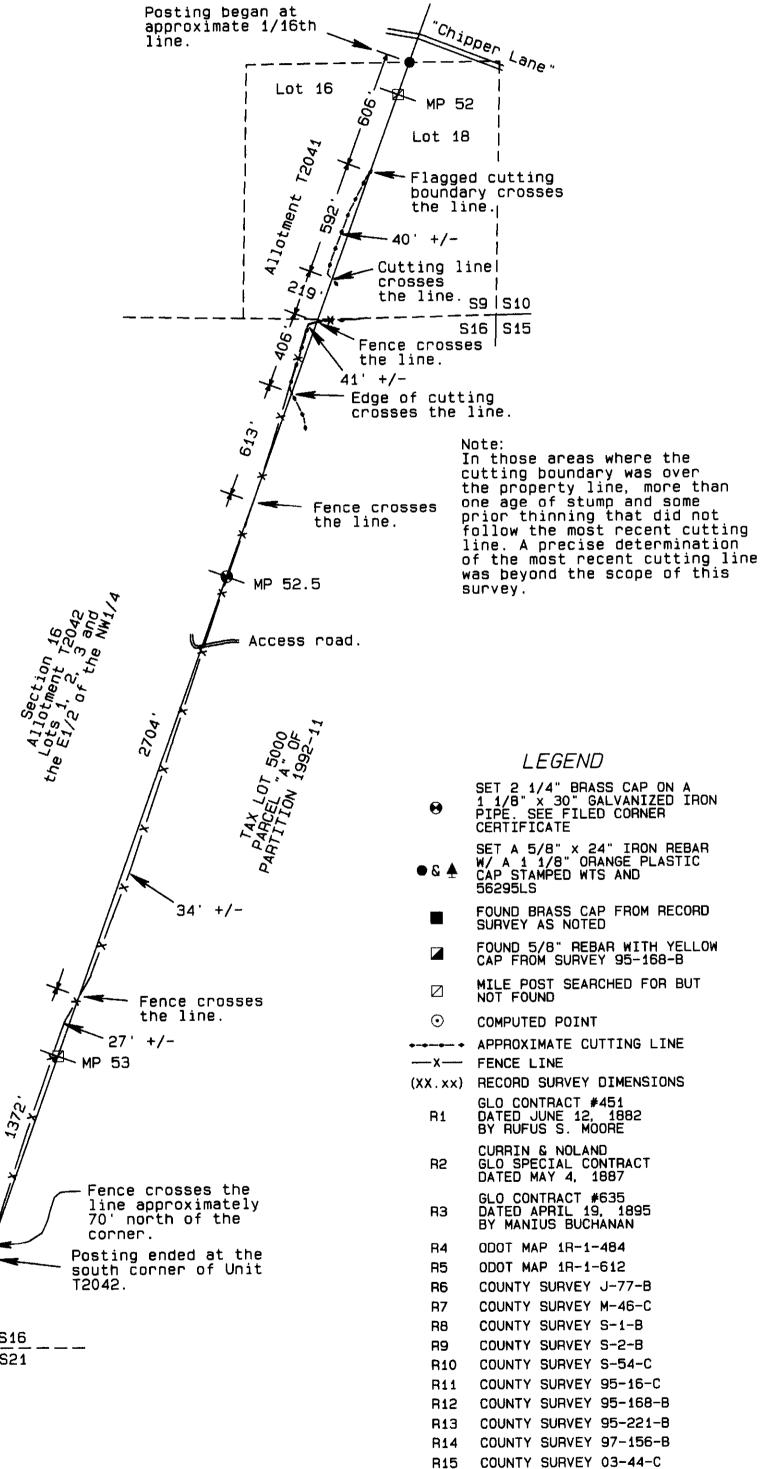
This survey was performed with a Trimble R7 / R8 RTK GPS system in real time mode The Reservation boundary line was posted with 5' steel fence posts at intervals not exceeding 300 feet along the east lines of Allotments T2041 and T2042.

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	LINE	ABLE	
LINE No.	BEARING	DISTANCE	SOURCE
L1	S89 *00 ' 24 "E	31.09'	
L2	NB9 *00 ' 26 "W	390.94'	
L3	S89 *34 ' 14 "W	4.53'	
L4	N89 "49 ' 34 "W	2465.181	
L4	(N89 *28 ' 29 "W)	(2464.64')	J-77-B
L5	S19 *59 ' 38 "W	501.63'	
L5	(N20 *38 '22 "E)	(502.85')	J-77-E
L6	S00 18 52 W	471.93'	
L6	(S00 *19 '07 "W)	(471.88')	95-168-
L7	N89 *57 ' 11 "W	167.86	
L7	(NB9 *28 ' 29 "W)	(168.47')	J-77-E
L8	S89 *07 ' 22 "W	489.96'	
L8	(N89 *31 ' 10 "E)	(489.80')	M-46-0
-	•		

the line. ~ 27' +/corner. T2042.

DETAIL OF POSTED LINE SCALE 1"=500'



BASIS OF BEARINGS Bearings on this map are true mean bearings calculated using the latitude of Mile Post 52.5 as the mean project latitude.

(\$89 *59 '37 "E) (198.00') R14 N89 *56 '35 "W 198.00'

MP 50.5

-I held the original, corner per R13.

by proportion in S-2-B was not tied

The monument set

by this survey.

NAD 83 (1991) Lat. 45 *28 '58.30346 "N Lon. 118 *26 '27.75945 "W S19 *49 '43 "E, 14,552.97 '

To Tri Station Tip Top

Tri Station "Tip Top" RB1338

NAD 83 (1991)

Lat. 45 26 43.16884"N Lon. 118 25 18.51179"W

Horizontal Order 2nd

- Mile Post 52.5

held the

Base Line closing corner

point as per survey 97-156-B.

This dimension is

Line closing corner to MP 52.5.

rom the Base

T1N R35E

T1S R35E

DETAIL

Brass cap

found loose

on the ground.

Found Record Stone & Mound <

21

28

BASE

LINE

DETAIL OF LOTS 16

AND 18 OF

OF SECTION 9

Line

Lot 16

470.23' \$89 32'14"W To Brass

Cap.

MP 52

Lot 18

(W 14.50ch) R3

\$20 *01'52"W 1416.65' to MP 52.5.

(W 13.75ch) R2

N88 *48 '30 "E | R9 898 82 ' 9 10

.08 118. 36. 8.3

Found

original

29

898.82° to

Sec. Cor.

SE9.

Closing Corner Set from BT

Reservation

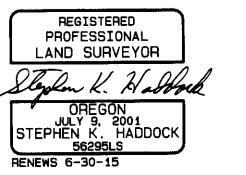
Boundary

Assumed to be from survey

Monument

tied but

not held



RECEIVED BY Umatilla County Surveyor Date: 02 03 2014 Rec'd BX: Hansley No .: 14-011-C

SURVEY FOR CTUIR % Mr. Gordy Schumacher 46411 Timine Way

Pendleton, OR 97801

LOCATION: Sections 9 and 16, T1S, R35E,

W.M., Umatilla County, Oregon

WITNESS TREE SURVEYING

Project No. 2013-19

Stephen K. Haddock, PLS, CFedS P.O. Box G Pilot Rock, Oregon 97868 (541) 443-2922

PROJECT DATE: November 1, 2013

SCALE: 1" = 2000'