

**BASIS OF BEARINGS**

Bearings are based on GPS observations rotated 1°13'18" clockwise to true bearing at RB #10. Distances are true ground distances.

**A SURVEY OF FRACTIONAL SECTION 11 T2N, R32E, W.M., UMATILLA COUNTY, OREGON**

**NARRATIVE OF SURVEY**

This survey was performed at the request of Mr. Jim Hatley. The purpose of the survey was to identify the boundaries of the land identified in the quit claim deed recorded in Microfilm Reel 467, Page 292 as shown hereon in preparation for annexing a portion of that land into the city limits.

The first survey of Section 11 was completed by Zenas Moody in 1871. In that survey the NW quarter of the section was invaded by the Umatilla Indian Reservation Boundary and separate plats were prepared for the land lying inside and outside of the Reservation. Mr. Moody surveyed Section 11 as an entire section and set monuments on the section lines where the Reservation Boundary crossed them. This, in effect, made those monuments angle points in the section lines.

In 1883, Peter Zahner surveyed the Reservation Addition to the Townsite of Pendleton. That survey completely superceded the sectional subdivision lines interior to the addition and patents were issued based on lot and block descriptions instead of aliquot part descriptions. Mr. Zahner's survey also moved the Reservation Boundary line from its original location to the south line of the townsite.

In 1887, Currin and Noland resurveyed the Reservation Boundary line and set the mile and half mile posts on the South line of the Townsite Survey. They then replatted Section 11 distinctly making it fractional by setting closing corner monuments on the south line of the townsite. The patent issued for Lot 2 plainly indicates that the Moody plat was superceded by the Currin and Noland plat.

In 1968 Mr. Wayne Harris conducted a survey in the south half of Section 11 (Survey E-29-B) in which he failed to recognize the fractional nature of the section. As a result, Mr. Harris made ties to the old Moody corner positions inside of the Reservation Addition and established erroneous positions for the east and west lines of Section 11 and also for the north line of the SE 1/4 of the Section.

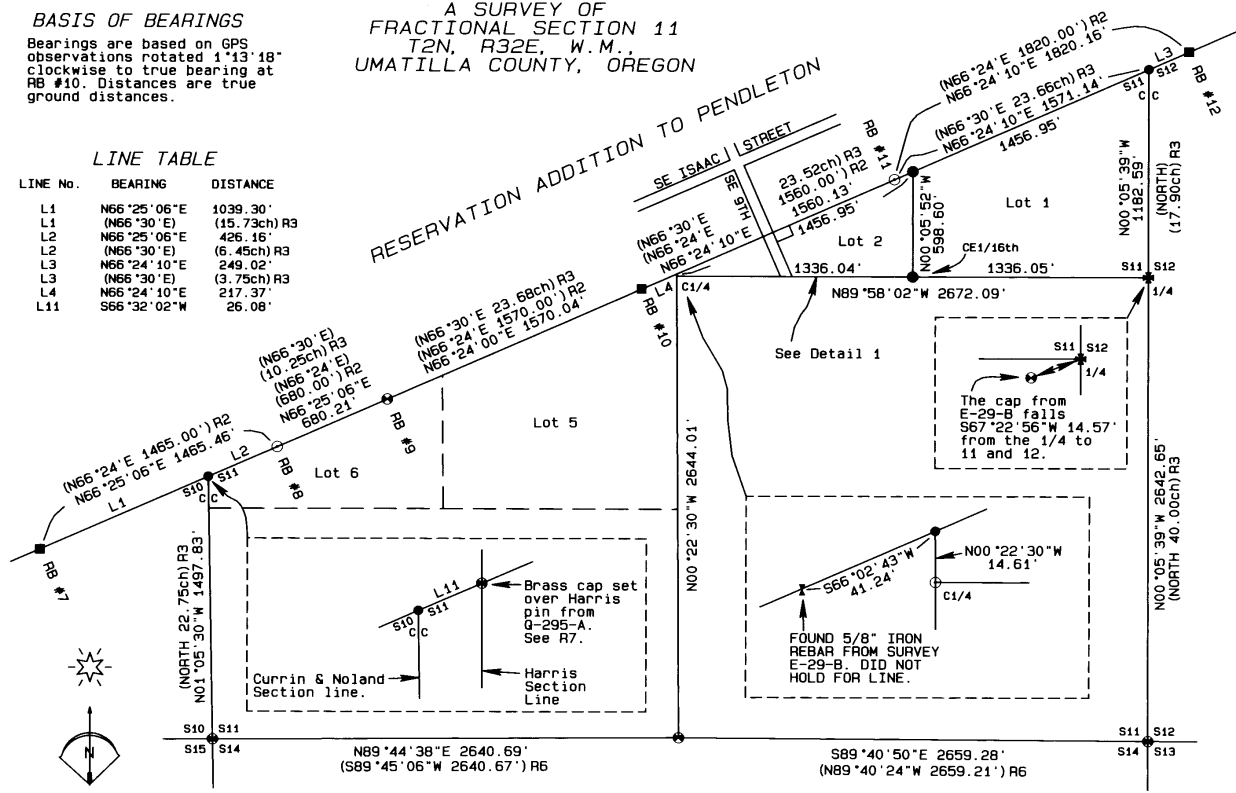
The Harris survey has been followed by all surveys in Section 11 done since 1968. It is my opinion that all of the areas subdivided using the Harris work should continue to use those corners. However, since a large part of the east half of Section 11 and most of Section 12, which is also fractional, remain undeveloped, I believe that the integrity of the patents issued should be protected by following the proper legal procedure for reestablishing corners and subdividing the section according to the rules for fractional sections.

To this end, I first calculated the positions for RB Monuments 8 and 11 by single proportionate measurement along the Reservation Addition Boundary. I used Peter Zahner's record measurements for this as his work proves to be far superior to that of Currin and Noland. Next I calculated the true locations for the NE and NW closing corners for Section 11 by single proportion along the Reservation Addition Boundary using Currin and Noland's Record. I then calculated the position of the east 1/4 corner using Currin and Noland's record. This position falls at the corner of fields and an old road where a lot of trash has been bulldozed into a mound. Next I calculated the section subdivision lines using weighted mean bearings as per the manual of instructions.

The last line to locate for this survey was the extended east line of SE 9th Street. I calculated the position for the south end of SE 9th on the reservation addition boundary by proportionate measure and find that the line passing from the PK at SE Isaac and 9th through that point fits the monument at the SE corner of TIMM Addition exactly. I have therefore held that monument as controlling the extension of the east line of SE 9th Street.

**LINE TABLE**

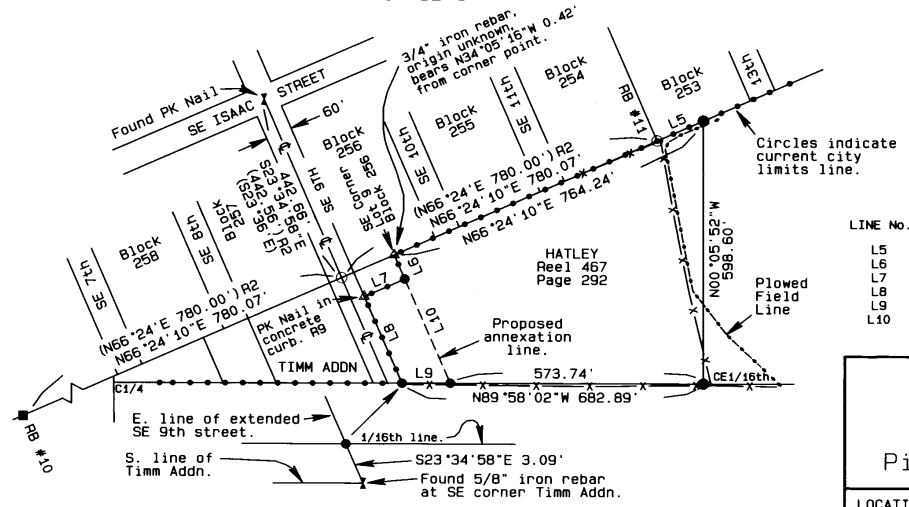
LINE No.	BEARING	DISTANCE
L1	N66°25'06"E	1039.30'
L1	(N66°30'E) (15.73ch) R3	
L2	N66°25'06"E	426.16'
L2	(N66°30'E) (6.45ch) R3	
L3	N66°24'10"E	249.02'
L3	(N66°30'E) (3.75ch) R3	
L4	N66°24'10"E	217.37'
L11	S66°32'02"W	26.08'



**LEGEND**

- FOUND BRASS CAP FROM RECORD SURVEYS
- FOUND RECORD STONE FROM RESERVATION ADDITION
- ▲ FOUND MONUMENT AS NOTED
- SET A 5/8" x 24" IRON REBAR W/ A 1/8" ORANGE PLASTIC CAP STAMPED WTS AND 56295LS
- SET 2 3/8" BRASS CAP ON A 1 1/2" X 30" GALVANIZED IRON PIPE. SEE THE FILED CORNER CERTIFICATE.
- COMPUTED POINT
- R1 GLO CONTRACT #164 DATED OCTOBER 4, 1871 BY ZENAS F. MOODY
- R2 RESERVATION ADDITION TO THE CITY OF PENDLETON BY PETER ZAHNER UNDER CONTRACT DATED MAY 15, 1883.
- R3 CURRIN & NOLAND GLO SPECIAL CONTRACT DATED MAY 4, 1887
- R4 COUNTY SURVEY E-29-B
- R5 COUNTY SURVEY 89-128-B
- R6 COUNTY SURVEY 90-50-C
- R7 COUNTY SURVEY 00-82-B
- R8 COUNTY SURVEY 04-129-C
- R9 REES ADDITION PLAT BOOK 9, PAGE 34
- R10 TIMM ADDITION PLAT BOOK 12, PAGE 9
- R11 COUNTY SURVEY 89-77-A

**DETAIL 1**



**LINE TABLE**

LINE No.	BEARING	DISTANCE
L5	N66°24'10"E	114.19'
L6	S23°34'58"E	60.00'
L7	S66°24'10"W	400.01'
L8	S23°34'58"E	215.23'
L9	S89°58'02"E	109.15'
L10	N23°34'58"W	258.98'

REGISTERED PROFESSIONAL LAND SURVEYOR  
*Stephen K. Haddock*  
 OREGON  
 JULY 9, 2001  
 STEPHEN K. HADDOCK  
 RENEWS 6-30-13

RECEIVED BY  
 Umatilla County Surveyor  
 Date: 8/29/2011  
 Rec'd by: Chay Melton  
 No.: 11-078-13

**SURVEY FOR**  
 Mr. Jim Hatley  
 P.O. Box 458  
 Pilot Rock, OR 97868  
 LOCATION: Government Lot 2, S11, T2N, R32E, W.M., Umatilla County, Oregon

PROJECT DATE: June 28, 2011  
 Project No. 2011-17 SCALE: 1" = 500'  
**WITNESS TREE SURVEYING**  
 Stephen K. Haddock, PLS, CFedS  
 P.O. Box G  
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 (541) 443-2922