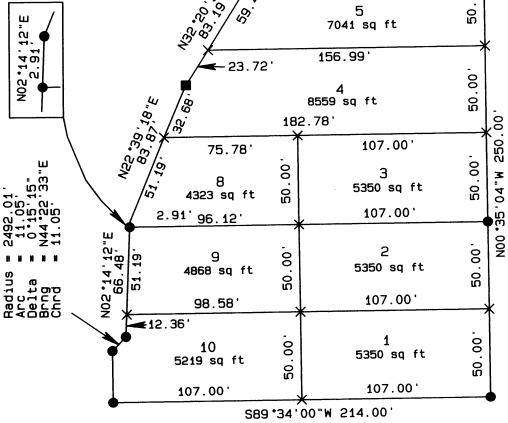
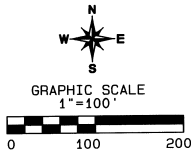


# BOUNDARY ADJUSTMENT SURVEY

**DETAIL  
BLOCK 14**  
New lot dimensions  
after the boundary  
adjustments.  
SCALE 1"=50'



### NARRATIVE OF SURVEY

This survey was performed at the request of Mr. Mervin Swearingen. The purpose of the survey was to locate and monument the boundary adjustments as recorded in microfilm reel 416 at pages 469 and 499 of the Umatilla County deed records. The new boundaries lie along the center of Greasewood Creek as identified on Partition Plat No. 2001-29. I held the record location of the creek as shown on that plat.

The legal description in Mr. Swearingen's deed calls for "all of fractional Block 14 including the vacated alley way" in Richmond's Addition to the Town of Helix. The Richmond's Addition plat states that the lands divided by it were not surveyed and the only monuments shown were from the Original Town of Helix. I held the found monumentation along Columbia and Harrison streets to control the location of the streets in Richmond's Addition and I calculated the street centerlines at record plat distances west from Harrison street and north from Columbia street.

I did not locate any of the existing utilities as a part of this survey. There appears to be some sort of a water system lying along the creek channel and there is an easement for ditch maintenance along that portion of the creek which runs across Parcel 3 of Partition Plat No. 2001-29. The existence of utilities or other easements should be verified in the future.

Control for this survey was established using a LEICA System 300 RTK GPS. The monuments were set with a Trimble 5601 electronic total station using radial methods.

### LINE TABLE

L#	BEARING	DISTANCE
L1	S89°34'00"W	18.26'
L2	S89°34'00"W	106.40'
L3	S32°20'57"W	83.19'
L4	S48°46'29"E	71.28'
L5	S22°39'18"W	83.87'
L6	S02°14'12"W	65.32'
L7	N32°20'57"E	100.99'
L8	N11°30'53"E	88.01'
L9	N24°16'09"E	83.55'
L10	N30°32'02"W	67.78'

### CURVE TABLE

C#	ARC	DELTA	RADIUS	CHORD	BEARING
C1	153.00'	03°31'04"	2492.01'	152.98'	N39°29'36"E
C2	130.33'	02°59'48"	2492.01'	130.32'	N42°45'02"E
C3	421.67'	09°41'42"	2492.01'	421.17'	N49°05'47"E
C4	881.22'	20°15'39"	2492.01'	876.64'	N27°36'14"E

### SURVEY LEGEND

- SET A 5/8" x 24" IRON REBAR W/ A 1 1/8" ORANGE PLASTIC CAP STAMPED WTS AND 56295LS
- ✱ FOUND MONUMENT AS NOTED
- FOUND A 5/8" IRON REBAR WITH A RED PLASTIC CAP STAMPED ORLS 852 AND WALS 13922 FROM R2
- ✕ COMPUTED POINT
- R1 Richmond's Addition Book 1, Page 115, Sep. 12, 1888
- R2 Partition Plat No. 2001-29, D. HADDOCK
- R3 COUNTY SURVEY 01-162-B, FLOWERS
- R4 COUNTY SURVEY 00-272-B, D. HADDOCK
- R5 COUNTY SURVEY 99-299-B, D. HADDOCK
- R6 COUNTY SURVEY 93-118-B, KRUMBEIN
- R7 COUNTY SURVEY 0-931-AX, WALLULIS

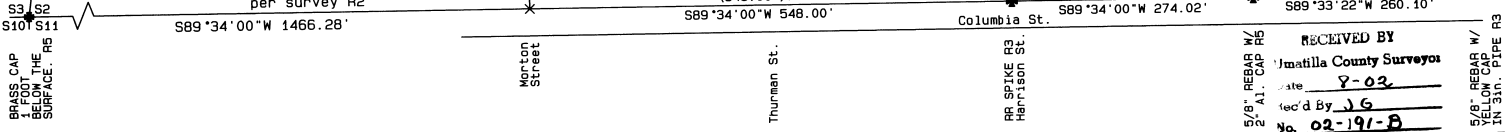
REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

*Stephen K. Haddock*  
OREGON  
JULY 9, 2001  
STEPHEN K. HADDOCK  
56295LS  
RENEWS 6-30-03

**VACATION NOTE**  
The segment of Thurman St. and the vacated alleys were vacated via Ordinance No. 96 signed in June of 1981 and recorded in Reel 83, Page 1201.

There is a 2" galvanized iron pipe with a 2"x2" square end cap driven over the monument. The monument is disturbed.

**BASIS OF BEARINGS**  
The south line of Section 2 being S89°34'00"W as per survey R2



**SURVEY FOR**  
Mr. Mervin Swearingen  
4211 N.E. Queen Ave.  
Pendleton, Or. 97801

---

LOCATION: S.W. 1/4, S2, T4N, R33E, W.M.

---

PROJECT No. 02-07

---

MONUMENTS SET: August 1, 2002

---

**WITNESS TREE SURVEYING**  
Stephen K. Haddock, PLS  
P.O. Box 6  
Pilot Rock, Oregon 97868  
(541) 443-2922

RECEIVED BY  
Umatilla County Surveyors  
Date 7-02  
Recorded By JG  
No. 02-191-B