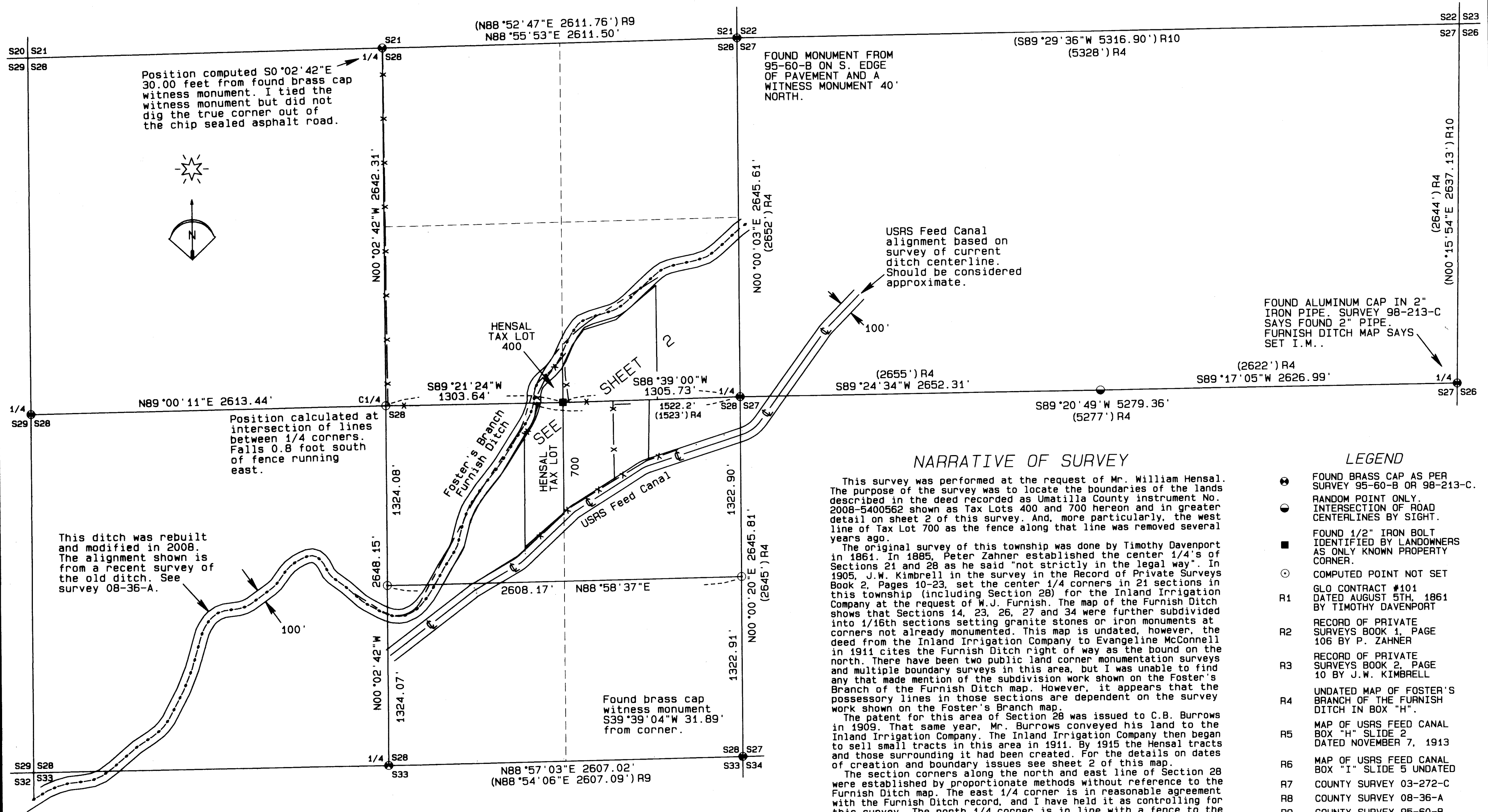
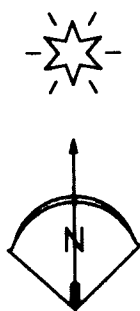


A SURVEY IN SECTION 28, TOWNSHIP 4 NORTH, RANGE 29 EAST, W.M., UMATILLA COUNTY, OREGON



Position computed $S0^{\circ}02'42''E$ 30.00 feet from found brass cap witness monument. I tied the witness monument but did not dig the true corner out of the chip sealed asphalt road.



Position calculated at intersection of lines between 1/4 corners. Falls 0.8 foot south of fence running east.

This ditch was rebuilt and modified in 2008. The alignment shown is from a recent survey of the old ditch. See survey 08-36-A.

FOUND MONUMENT FROM 95-60-B ON S. EDGE OF PAVEMENT AND A WITNESS MONUMENT 40' NORTH.

USRS Feed Canal alignment based on survey of current ditch centerline. Should be considered approximate.

FOUND ALUMINUM CAP IN 2" IRON PIPE. SURVEY 98-213-C SAYS FOUND 2" PIPE. FURNISH DITCH MAP SAYS SET I.M..

Found brass cap witness monument $S39^{\circ}39'04''W$ 31.89' from corner.

NARRATIVE OF SURVEY

This survey was performed at the request of Mr. William Hensal. The purpose of the survey was to locate the boundaries of the lands described in the deed recorded as Umatilla County instrument No. 2008-5400562 shown as Tax Lots 400 and 700 hereon and in greater detail on sheet 2 of this survey. And, more particularly, the west line of Tax Lot 700 as the fence along that line was removed several years ago.

The original survey of this township was done by Timothy Davenport in 1861. In 1885, Peter Zahner established the center 1/4's of Sections 21 and 28 as he said "not strictly in the legal way". In 1905, J.W. Kimbrell in the survey in the Record of Private Surveys Book 2, Pages 10-23, set the center 1/4 corners in 21 sections in this township (including Section 28) for the Inland Irrigation Company at the request of W.J. Furnish. The map of the Furnish Ditch shows that Sections 14, 23, 26, 27 and 34 were further subdivided into 1/16th sections setting granite stones or iron monuments at corners not already monumented. This map is undated, however, the deed from the Inland Irrigation Company to Evangeline McConnell in 1911 cites the Furnish Ditch right of way as the bound on the north. There have been two public land corner monumentation surveys and multiple boundary surveys in this area, but I was unable to find any that made mention of the subdivision work shown on the Foster's Branch of the Furnish Ditch map. However, it appears that the possessory lines in those sections are dependent on the survey work shown on the Foster's Branch map.

The patent for this area of Section 28 was issued to C.B. Burrows in 1909. That same year, Mr. Burrows conveyed his land to the Inland Irrigation Company. The Inland Irrigation Company then began to sell small tracts in this area in 1911. By 1915 the Hensal tracts and those surrounding it had been created. For the details on dates of creation and boundary issues see sheet 2 of this map.

The section corners along the north and east line of Section 28 were established by proportionate methods without reference to the Furnish Ditch map. The east 1/4 corner is in reasonable agreement with the Furnish Ditch record, and I have held it as controlling for this survey. The north 1/4 corner is in line with a fence to the south, and I have also held that corner for departure. Based on data from the Furnish Ditch map, the northeast corner of Section 28 and the northeast corner of Section 27 should both be farther north which would make both corners agree more closely with the road centerlines in their area.

For additional narrative see sheet 2 of this survey.

LEGEND

- FOUND BRASS CAP AS PER SURVEY 95-60-B OR 98-213-C.
- RANDOM POINT ONLY.
- INTERSECTION OF ROAD CENTERLINES BY SIGHT.
- FOUND 1/2" IRON BOLT IDENTIFIED BY LANDOWNERS AS ONLY KNOWN PROPERTY CORNER.
- COMPUTED POINT NOT SET
- R1 GLO CONTRACT #101 DATED AUGUST 5TH, 1861 BY TIMOTHY DAVENPORT
- R2 RECORD OF PRIVATE SURVEYS BOOK 1, PAGE 106 BY P. ZAHNER
- R3 RECORD OF PRIVATE SURVEYS BOOK 2, PAGE 10 BY J.W. KIMBRELL
- R4 UNDATED MAP OF FOSTER'S BRANCH OF THE FURNISH DITCH IN BOX "H".
- R5 MAP OF USRS FEED CANAL BOX "H" SLIDE 2 DATED NOVEMBER 7, 1913
- R6 MAP OF USRS FEED CANAL BOX "I" SLIDE 5 UNDATED
- R7 COUNTY SURVEY 03-272-C
- R8 COUNTY SURVEY 08-36-A
- R9 COUNTY SURVEY 95-60-B
- R10 COUNTY SURVEY 98-213-C

BASIS OF BEARINGS

THIS SURVEY WAS PERFORMED IN THE STATE PLANE SYSTEM OREGON NORTH NAD83/91. BEARINGS SHOWN ON THIS MAP ARE BASED ON GPS OBSERVED GRID BEARINGS ROTATED $0^{\circ}55'49''$ CLOCKWISE TO TRUE BEARINGS. GROUND DISTANCES SHOWN WERE OBTAINED BY APPLYING A COMBINED SCALE FACTOR OF 0.99992719 TO THE GRID DISTANCES.

REGISTERED PROFESSIONAL LAND SURVEYOR

Stephen K. Haddock

OREGON JULY 9, 2001 STEPHEN K. HADDOCK 56295LS

RENEWS 6-30-17

RECEIVED BY

Umatilla County Surveyor
 Date: 11/01/2016
 Rec'd By: [Signature]
 No.: 16-100-B

SURVEY FOR

Mr. William Hensal
 33480 Collins Lane
 Stanfield, OR 97875

LOCATION: East 1/2, Section 28, T4N, R29E, W.M., Umatilla County, Oregon.

PROJECT DATE: August 16, 2016

Project No. 16-19

SCALE: 1" = 500'

WITNESS TREE SURVEYING

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

REFERENCE DEEDS
FROM THE OFFICE OF COUNTY RECORDS
UMATILLA COUNTY, OREGON

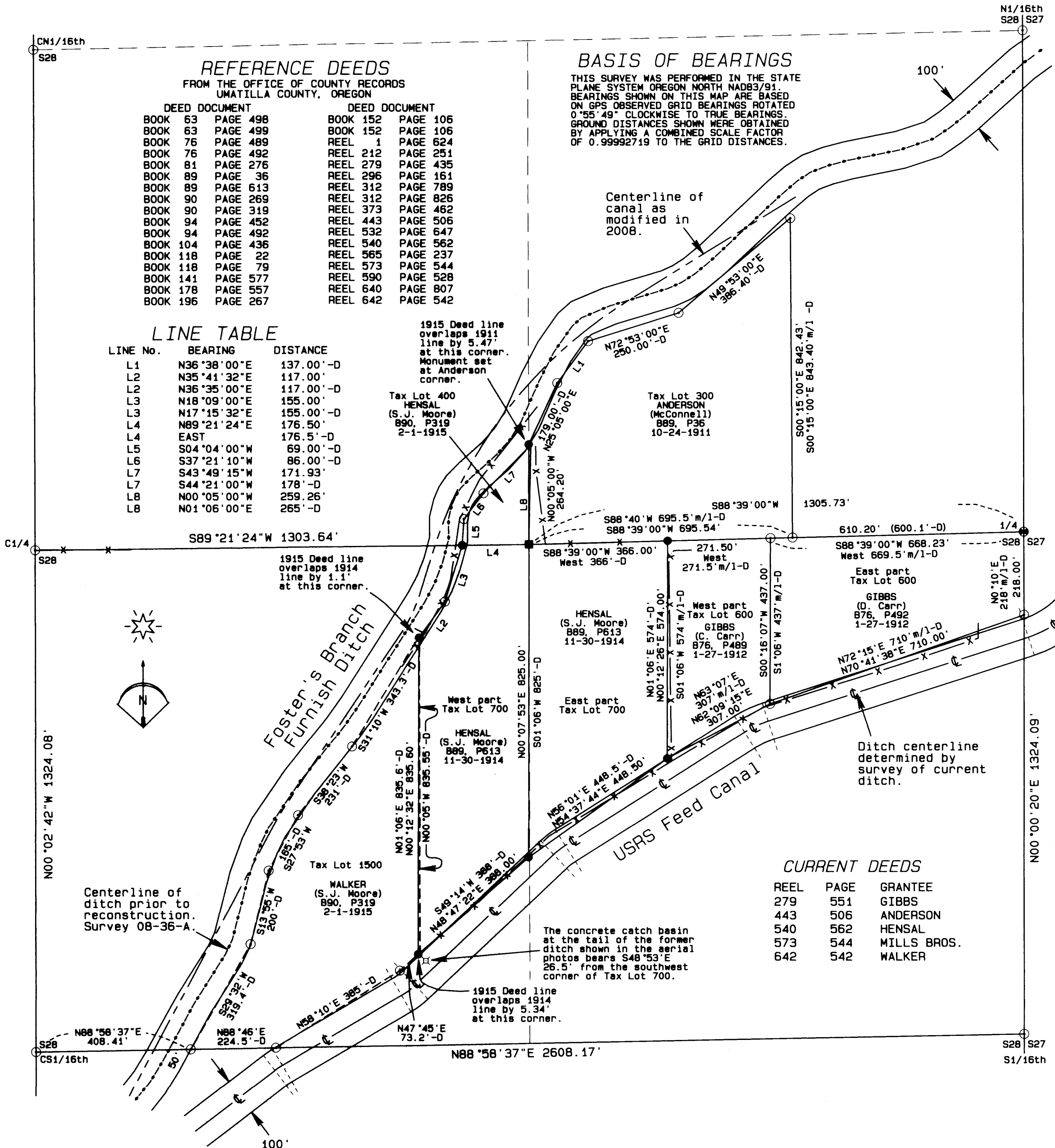
| DEED DOCUMENT | DEED DOCUMENT |
|-------------------|-------------------|
| BOOK 63 PAGE 498 | BOOK 152 PAGE 106 |
| BOOK 63 PAGE 499 | BOOK 152 PAGE 106 |
| BOOK 76 PAGE 489 | REEL 1 PAGE 624 |
| BOOK 76 PAGE 492 | REEL 212 PAGE 251 |
| BOOK 81 PAGE 276 | REEL 279 PAGE 435 |
| BOOK 89 PAGE 36 | REEL 296 PAGE 161 |
| BOOK 89 PAGE 613 | REEL 312 PAGE 789 |
| BOOK 90 PAGE 269 | REEL 312 PAGE 826 |
| BOOK 90 PAGE 319 | REEL 373 PAGE 462 |
| BOOK 94 PAGE 452 | REEL 443 PAGE 506 |
| BOOK 94 PAGE 492 | REEL 532 PAGE 647 |
| BOOK 104 PAGE 436 | REEL 540 PAGE 562 |
| BOOK 118 PAGE 22 | REEL 565 PAGE 237 |
| BOOK 118 PAGE 79 | REEL 573 PAGE 544 |
| BOOK 141 PAGE 577 | REEL 590 PAGE 528 |
| BOOK 178 PAGE 557 | REEL 640 PAGE 807 |
| BOOK 196 PAGE 267 | REEL 642 PAGE 542 |

LINE TABLE

| LINE No. | BEARING | DISTANCE |
|----------|-------------|-----------|
| L1 | N36°38'00"E | 137.00'-D |
| L2 | N35°41'32"E | 117.00' |
| L2 | N36°35'00"E | 117.00'-D |
| L3 | N18°09'00"E | 155.00' |
| L3 | N17°15'32"E | 155.00'-D |
| L4 | N89°21'24"E | 176.50' |
| L4 | EAST | 176.5'-D |
| L5 | S04°04'00"W | 69.00'-D |
| L6 | S37°21'10"W | 86.00'-D |
| L7 | S43°49'15"W | 171.93' |
| L7 | S44°21'00"W | 178'-D |
| L8 | N00°05'00"W | 259.26' |
| L8 | N01°06'00"E | 265'-D |

BASIS OF BEARINGS

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The Hensal properties, and those around them, were cut out of the Inland Irrigation property between 1911 and 1915. The date of creation of each property and the recording reference for each deed of origin is given on this map. It should be noted that Mr. S.J. Moore purchased Tax Lot 700 in 1914 and Tax Lots 400 and 1500 in 1915. Mr. Moore subsequently sold Tax Lot 400 in 1916, Tax Lot 700 in 1919, and lost Tax Lot 1500 for taxes to Umatilla County in 1922, leaving the order of junior-senior rights unchanged.

Current descriptions for all of these properties are the same as the original except for Tax Lot 600. The original descriptions of the Carr properties used the term "more or less" on all of the bearings and distances cited in the Carr deeds. This term was dropped in 1932 by the Sheriff's deed in Book 141, Page 577 which also changed the lengths of the south lines of Tax Lot 600 from 710' and 307' to 711' and 306' respectively. I have held the original deed dimensions.

There is an overlap of Tax Lot 400 onto Tax Lot 300 and of Tax Lot 1500 onto Tax Lot 700. Both of these overlaps were created in 1915 by the deed to S.J. Moore in Book 90, Page 319. In both cases, I have resolved the overlap in favor of the senior title. The overlap of Tax Lot 1500 onto Tax Lot 700 was called out in the deed recorded in Book 196, Page 267 as an exception to title. That deed erroneously stated that the overlap was created by the Sheriff's Deed in Book 141, Page 577. The extent of the overlap of Tax Lot 1500 onto Tax Lot 700 cannot be determined entirely since the point of beginning of the description on Tax Lot 1500 is based on the location of the east line of the Funnish Ditch Right of Way which likely has wandered between 1915 and today.

The deeds for Tax Lots 300, 400, west part of 600 and both parts of 700 all call for the center east 1/16th corner as the common point of beginning. Mr. Hensal stated that the prior owner, Mr. Emery Burke, had shown him the bolt at this corner and said to protect it as it was the property corner. Measurements from this bolt to the canal rights of way and the 1/4 corner to the east agree within reason (given the era that these descriptions were first created) that this bolt does mark the center east 1/16th and I have held it as being that point.

As stated above, the dimensions in the deeds to the Carrs were called "more or less". Holding the record bearings for Tax Lots 600 and 700 resulted in significant discrepancies in line lengths along the Feed Canal and also significantly increased the size of the overlap with Tax Lot 1500. Holding the record distances resulted in the greatest agreement with all descriptions involved. Overlaying the survey on a 1998 Ortho Rectified Aerial Photo obtained from the Umatilla County Assessor's Office confirms that the line produced by holding the record distances follows the long term possessory line in this area. I have therefore held the record distances over the record bearings.

The Funnish ditch was rebuilt and realigned in 2008. The location of the old ditch as shown hereon is based on the information in survey 08-36-A. The location of the USRS Feed Canal as shown is based on my survey of the current canal centerline. The location of the Hensal boundaries is based on their deed. The canal right of ways as currently known are slightly different than the Hensal lines as described. The exact location of the canal right of ways and the extent of changes in them over time is beyond the scope of this survey.

This survey was performed with a Trimble R7/R8 RTK GPS system.

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This survey was performed with a Trimble R7/R8 RTK GPS system.

LEGEND

- SET 5/8"x24" IRON REBAR WITH ORANGE PLASTIC CAP STAMPED WTS AND 56295LS
- ⊕ FOUND BRASS CAP AS PER SURVEY 95-60-B OR 98-213-C.
- FOUND 1/2" IRON BOLT IDENTIFIED BY LANDOWNERS AS ONLY KNOWN PROPERTY CORNER.
- ⊙ COMPUTED POINT NOT SET
- XX.xx-D RECORD DIMENSIONS FROM DEEDS

REGISTERED PROFESSIONAL LAND SURVEYOR

Stephen K. Haddock

OREGON
JULY 9, 2001
STEPHEN K. HADDOCK
56295LS
RENEWS 6-30-17

CURRENT DEEDS

| REEL | PAGE | GRANTEE |
|------|------|-------------|
| 279 | 551 | GIBBS |
| 443 | 506 | ANDERSON |
| 540 | 562 | HENSAL |
| 573 | 544 | MILLS BROS. |
| 642 | 542 | WALKER |

SURVEY FOR

Mr. William Hensal
33480 Collins Lane
Stanfield, OR 97875

LOCATION: East 1/2, Section 28, T4N, R29E, W.M., Umatilla County, Oregon.

PROJECT DATE: August 16, 2016

Project No. 16-19 SCALE: 1" = 200'

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

RECEIVED BY
Umatilla County Surveyor
Date: 11/01/2016
Rec'd By: 16-100-B
No.: 2016/100