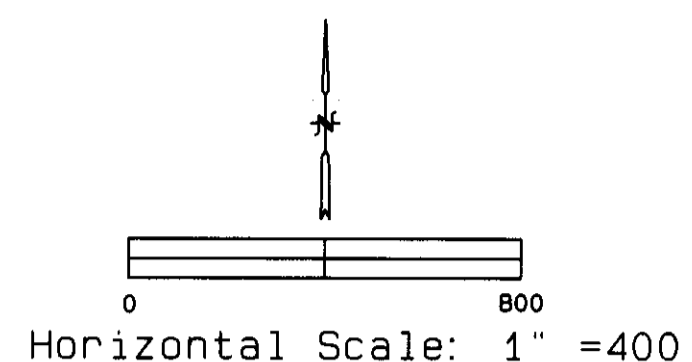


BOUNDARY LINE ADJUSTMENT  
 SEC. 1, 2, 11, and 12,  
 T2N, R34E, WM.  
 Umatilla Indian  
 Reservation  
 Umatilla County,  
 Oregon  
 File Number: LLA-03-02

FINAL PLAN

INDEX  
 SHEET SUBJECT

1	VICINTIY MAP
2	SURVEY MAP
3	EASEMENT MAP
4	TOPOGRAPHY MAP



PURPOSE

The purpose of this boundary line adjustment is to move the present line between Tax Lots 105 and 300 from the east line of the NW1/4 of the NE1/4 of Section 11 to the north line of the NW1/4 of the NE1/4 of Section 11. The present areas are Tax Lot 105, 120.39 acres and Tax Lot 300, 242.75 acres. After the boundary adjustment, Tax Lot 105 will be 83.00 acres and Tax Lot 300 will be 283.14 acres.

USE

All of the land in Tax Lot 300 is presently used for grazing and Tax Lot 105 for a single residence. In the future, Tax Lot 300 will have a single residence. The use of the land for grazing will continue. The Tax Lots belonging to the Bureau of Indian Affairs are presently used for grazing with possibly some farming. It is believed this use will continue unchanged for the foreseeable future. Tax Lots 103, 200, 400, 500 and 4400 have single family residences on them with the remaining ground being used for grazing. It is believed this use will continue into the foreseeable future.

WATER RIGHTS

There are no existing water rights on the property.

ACCESS

Present access to the property from Mission is via Cayuse Road, County Road No. 900. The driveway accessing the property from Cayuse Road has been in use for many years. Future access to Tax Lot 105 will be the same as that existing now. Future access to Tax Lot 300 will be via Cayuse Road and the driveway to Tax Lot 105 as it now exists. A new easement will be created from the existing driveway to the westerly boundary of Tax Lot 105 and then along that westerly boundary to the quarter corner common to Sections 2 and 11. Then the easement will go along the southerly line of the adjusted Tax Lot 105 to the southeast corner of the adjusted Tax Lot 105. At this corner, the easement will cross over into Section 11, taking care not to encroach upon Tax Lot 100, then it will go along the northerly boundary of Tax Lot 300 to a point 280 feet beyond the corner common to Sections 1, 2, 11 and 12.

WATER

Domestic water for the existing dwelling on Tax Lot 105 is from a well near the residence. Stock water is from a spring located about 30 feet southerly and 100 feet easterly of the corner common to Sections 1, 2, 11 and 12 of T2N, R34E, WM. Domestic water for the future dwelling on Tax Lot 300 will be from a well near the residence.

FIRE PROTECTION

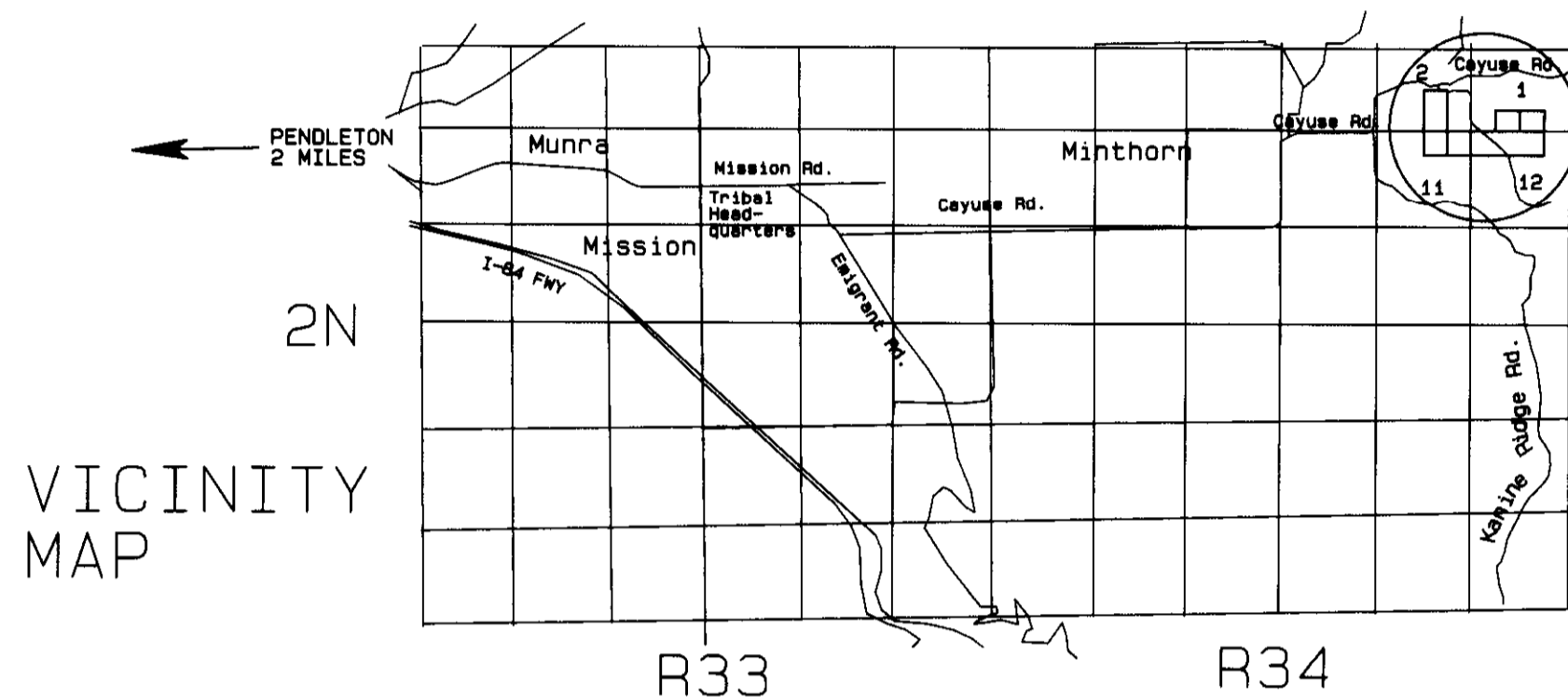
Fire protection is by the Tribal Fire Department and will continue to be so for both parcels.

SOLID WASTE DISPOSAL

Solid waste disposal is by the Tribal Sanitation Department and will continue to be so for both parcels.

SEWAGE DISPOSAL

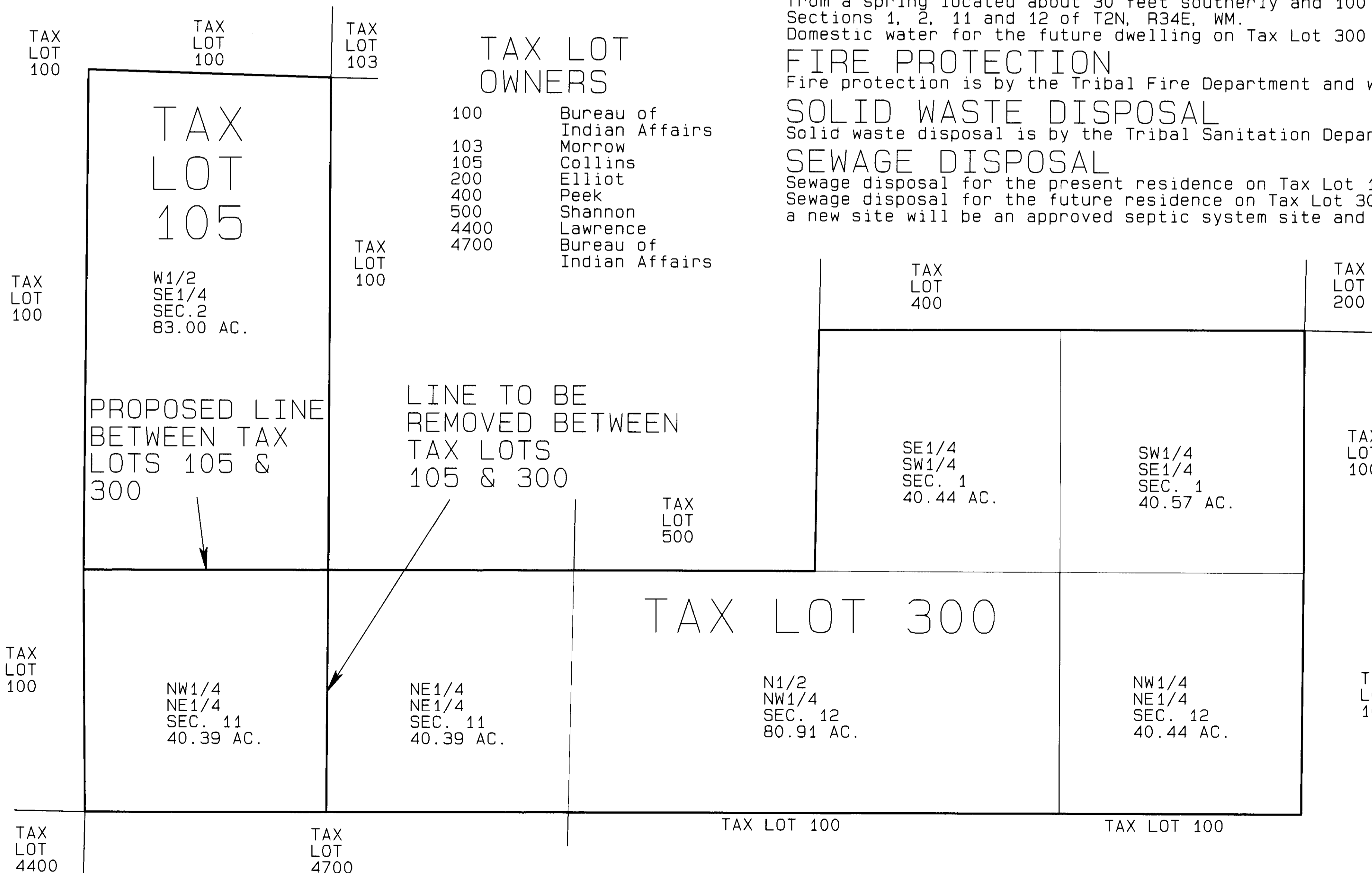
Sewage disposal for the present residence on Tax Lot 105 is by a septic system and will continue to be so. Sewage disposal for the future residence on Tax Lot 300 will be by a septic system. Key elements in selecting a new site will be an approved septic system site and a successfully drilled well before construction of a residence.



VICINITY MAP

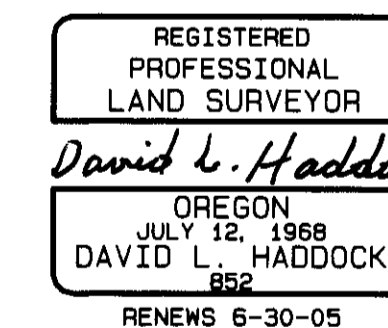
TAX LOT OWNERS

100	Bureau of Indian Affairs
103	Morrow
105	Collins
200	Elliot
400	Peek
500	Shannon
4400	Lawrence
4700	Bureau of Indian Affairs



SURVEYOR'S CERTIFICATE

I, David L. Haddock, do hereby certify that this map is an accurate representation of a survey made under my direct supervision during May of 2003.



PLANNER'S APPROVAL

This plan, sheets 1 through 4, is approved this 20<sup>th</sup> day of MAY, 2003.

*John Seand, ACP*  
 Comprehensive Planning Manager  
 Confederated Tribes of  
 Umatilla Indian Reservation

RECEIVED BY  
 Umatilla County Surveyor  
 Date 6-03  
 Rec'd By KE  
 No. 03-92-c

David L. Haddock, Surveyor and Engineer  
 P.O. Box 1574  
 Pendleton, Oregon 97801  
 (541) 276-2174  
**HADDOCK SURVEYING**  
 AND  
**TOTAL STATION**

SURVEY FOR:  
 Mr. John Collins  
 51024 Cayuse Road  
 Cayuse, OR 97821  
 (541) 379-1794

FINAL PLAN  
BOUNDARY LINE ADJUSTMENT  
Sections 1, 2, 11 and 12,  
T. 2 N., R. 34 E., W. M.,  
Umatilla County, Oregon,  
Umatilla Indian Res.

File Number:  
LLA-03-02

NARRATIVE OF  
SURVEY

This survey was performed at the request of Mr. John Collins. The purpose of the survey was to identify the boundaries for the purpose of adjusting the boundaries as shown. The deed of record is filed in the Umatilla County Records as Reel 255, Page 700. That deed describes the subject property before boundary adjustment.

DESCRIPTION BEFORE  
BOUNDARY ADJUSTMENT:

Tract I - T. 2 N., R. 34 E., W.M. -  
Section 1, SW 1/4 of SE 1/4  
and SE 1/4 of SW 1/4;  
Section 11, NE 1/4 of NE 1/4;  
Section 12, NW 1/4 of NE 1/4  
and N 1/2 of NW 1/4;

Tract II - T. 2 N., R. 34 E., W.M. -  
Section 2, W 1/2 of SE 1/4;  
Section 11, NW 1/4 of NE 1/4.

DESCRIPTION AFTER  
THE BOUNDARY  
LINE ADJUSTMENT,

Parcel "1" - T. 2 N., R. 34 E., W.M.;  
Section 1, SW 1/4 of SE 1/4  
and SE 1/4 of SW 1/4;  
Section 11, N1/2 of NE 1/4;  
Section 12, NW 1/4 of NE 1/4;  
and N 1/2 of NW 1/4;

Parcel "2" - T. 2 N., R. 34 E., W.M.;  
Section 2, W 1/2 of SE 1/4.

CREATE EASEMENT

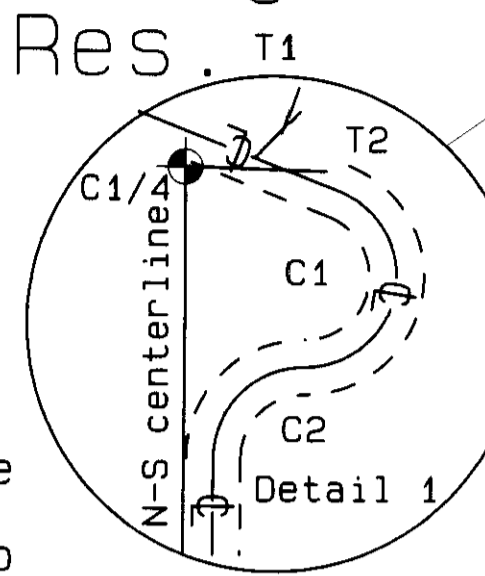
With the transfer of the NW1/4 of the NE 1/4 of Section 11 from Parcel 2 to Parcel 1, an easement will be created from the NW 1/4 of the NW 1/4 of Section 12 to the W1/2 of the SE 1/4 of Section 2. The easement will be more particularly described as follows: An easement in T. 2N., R. 34 E., for the purposes of ingress and egress, utilities, and water transmission from the center of said Section 2 to the N 1/2 of the NW1/4 of said Section 12 in said Township and Range further described as follows:  
A strip of land 30 feet in width contiguous with and lying within the following boundaries; the westerly and southerly boundaries of the W 1/2 of the SE 1/4 of said Section 2, the northerly boundary of the NE 1/4 of the NE 1/4 of said Section 11 and the northerly boundary of the NW 1/4 of the NW 1/4 of said Section 12. The centerline of said 30 foot strip of land is described as follows:  
Beginning at a point (Station 0+00.00) on the east-west centerline of said Section 2 which is on the east-west centerline of said Section 2, S88°17'04"E, 45.70 feet from the center 1/4 section corner; thence S68°24'48"E, 39.40 feet (Station 0+39.4); thence 138.25 feet on the arc of a curve right having a central angle of 158°25'31", a radius of 50.00 feet; and a long bearing S10°47'58"W, 98.23 feet (Station 1+77.65); thence 70.48 feet on the arc of a curve left having a central angle of 89°37'29", a radius of 50.00 feet, and a long chord bearing S45°11'58"W, 70.47 feet (Station 2+48.13); thence S0°23'14"W, 2502.84 feet (Station 27+50.97); thence 78.96 feet on the arc of a curve left having a central angle of 90°28'46", a radius of 50.00 feet, and a long chord bearing S44°51'09"E, 71.01 feet (Station 28+29.93); thence N89°54'28"E, 1200.54 feet (Station 39+91.07); thence 39.77 feet on the arc of a curve right having a central angle of 45°34'24", a radius of 50.00 feet, and a long chord bearing S67°18'21"E, 38.73 feet (Station 40+30.84); thence along the arc of a curve left having a central angle of 45°34'24", a radius of 50.00 feet and a long chord bearing S67°18'21"E, 38.73 feet (Station 40+70.61); thence N89°54'28"E, 1344.25 (Station 54+14.86) feet; thence S89°59'57"E, 280.00 feet (Station 56+94.86) ending in said Section 12 on an easement widened from 15 feet on the southerly side to 105 feet to include an existing spring development. From Station 50+00, the described centerline grade becomes too steep for a for a highway vehicle. The primary purpose for this described easement beyond that point is for construction and maintenance equipment to access the spring area. The owner of Tax Lot 300 will have to find a different location for access to areas of Tax Lot 300 farther east.

BASIS OF BEARING

The bearings on this drawing were determined by GPS observations between the center of Section 2 and the USGS Trinagulation Station, Homly. These were converted to Oregon State Plane Coordinates, North Zone. The State Plane bearing and distance were converted to those shown on this drawing by rotating bearings 1°23'59" clockwise and multiplying distances by 1.000125.

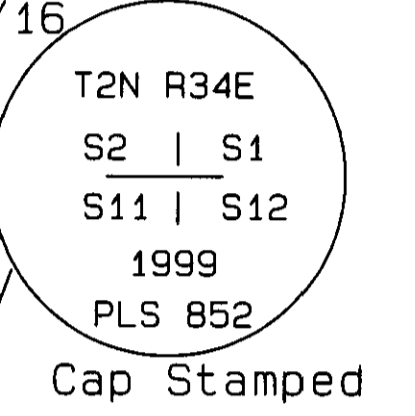
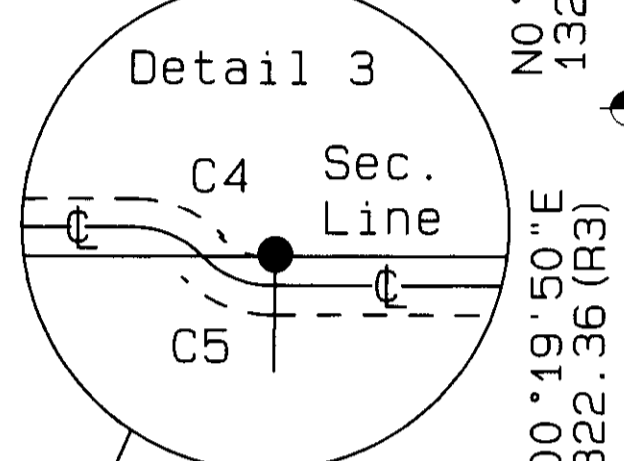
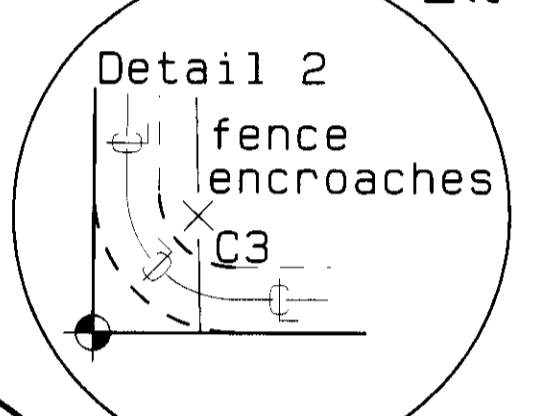
SURVEY EQUIPMENT

This survey was performed using a Leica System 300 RTK GPS.



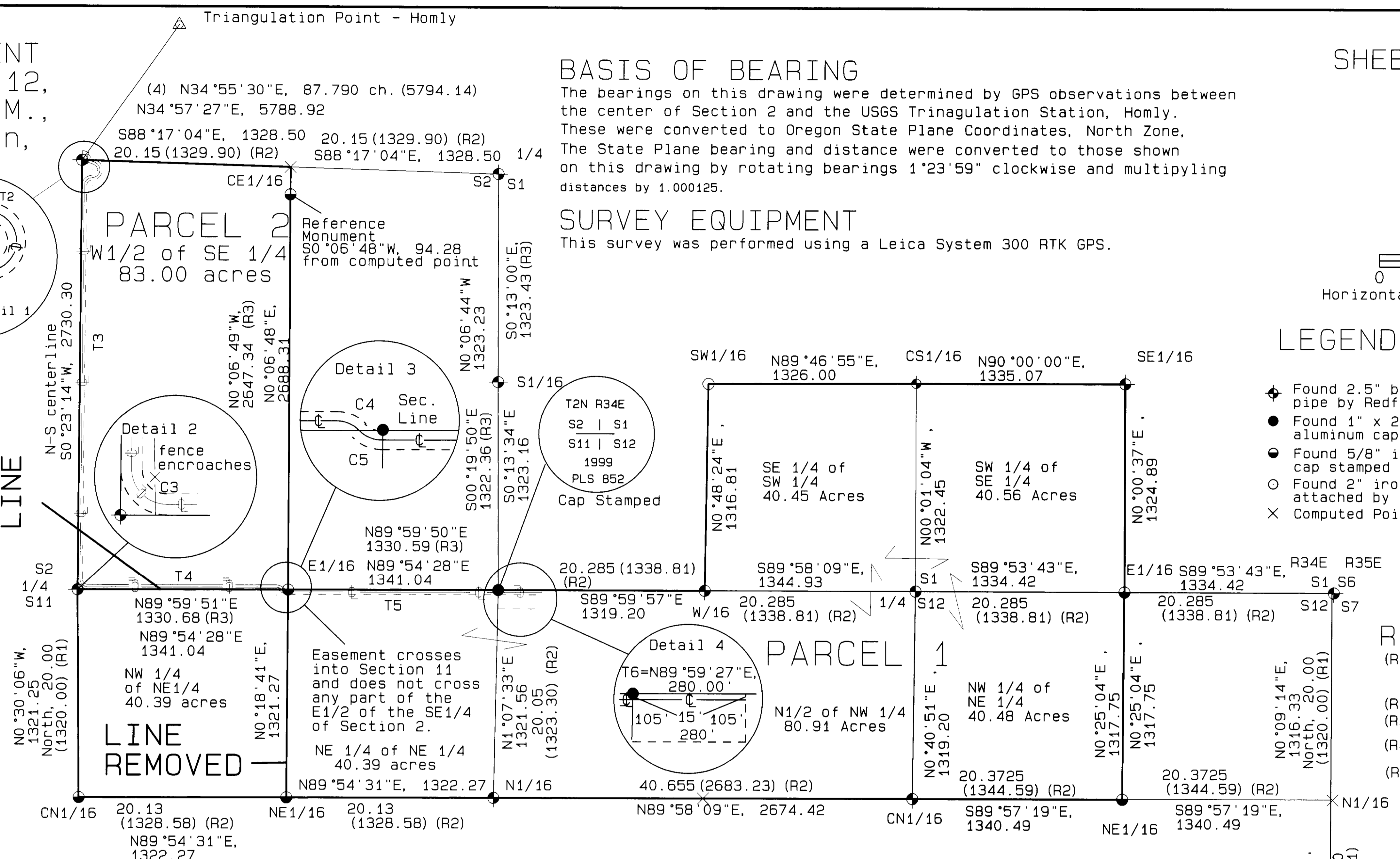
PARCEL 2  
W1/2 of SE 1/4  
83.00 acres

Reference Monument  
S0°06'48"W, 94.28  
from computed point



PROPOSED  
LINE

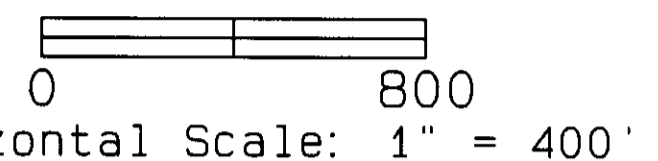
LINE  
REMOVED



	Central Angle	Radius Feet	Length Feet	Long Chord - Tangent Bearing & Feet
T1				S88°17'04"E 45.70
T2				S68°24'48"E 39.40
C1	158°25'31"R	50.00	138.25	S10°47'58"W 98.23
C2	89°37'29"L	50.00	70.48	S45°11'58"W 70.47
T3				S0°23'14"W 2502.84
C3	90°28'46"L	50.00	78.96	S44°51'09"E 71.01
T4				N89°54'28"E 1200.54
C4	45°34'24"R	50.00	39.77	S67°18'21"E 38.73
C5	45°34'24"L	50.00	39.77	S67°18'21"E 38.73
T5				N89°54'28"E 1344.25
T6				S89°59'57"E 280.00

LEGEND:

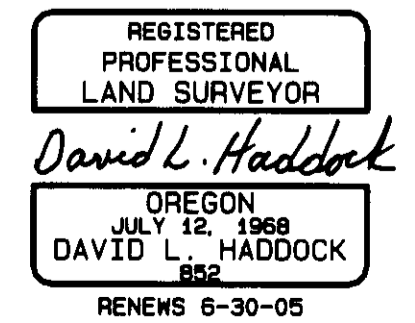
- ◆ Found 2.5" brass cap on steel pipe by Redfield - 1919.
- Found 1" x 24" iron rebar with 2" aluminum cap stamped as shown.
- Found 5/8" iron rebar with 2" A1 cap stamped ORLS 852 and WALS 13922.
- Found 2" iron pipe with fence corner attached by welding.
- × Computed Point



RECORD SURVEYS

- (R1) Currin and Nolan, Special Contract, May 4, 1887.
- (R2) Redfield, 1917
- (R3) Krumbein, Survey I-135, April 1971
- (R4) Johnson, Survey 89-58-B, October 1987
- (R5) Haddock, Survey 99-281-B, November 1999

Revised 5-15-03



David L. Haddock, Surveyor and Engineer  
P.O. Box 1574  
Pendleton, Oregon 97801  
(541) 276-2174

HADDOCK SURVEYING  
GPS  
AND  
TOTAL STATION

SURVEY FOR:  
Mr. John Collins  
51024 Cayuse Road  
Cayuse, OR 97821  
(541) 379-1794

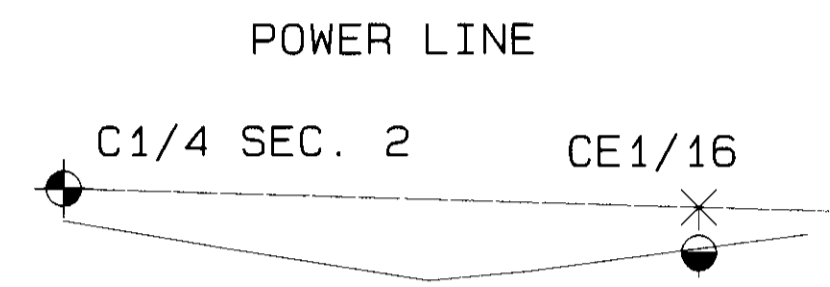
RECEIVED BY  
Umatilla County Surveyor  
Date: 6-03  
Rec'd By: [Signature]  
No. 03-92-C

# EXISTING EASEMENTS AND DEVELOPMENT

## Section 2, T.2 N., R. 34 E., W. M. Umatilla County, Oregon

### File Number: LLA-03-02 Umatilla Indian Reservation

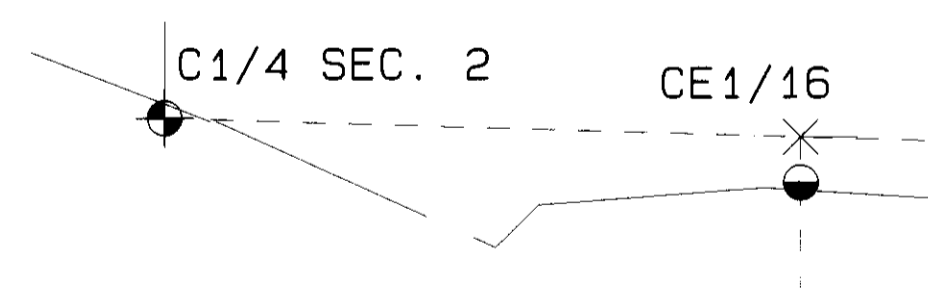
Only the SE 1/4 of Section 2 is shown because all the easements pertaining to Tax Lots 105 and 300 at this time are located in the northerly part of Tax Lot 105.



POWER LINE

POINT	BEARING	DISTANCE
C1/4 SEC. 2	S0°23'14"W	66.44
POB	S80°22'03"E	351.60
PP	S81°03'35"E	421.18
PP	N84°42'24"E	211.87
PP	N82°40'35"E	294.80
POE	N82°40'35"E	62.61
CE 16	N0°06'48"E	85.86

Easement 20 feet in width found in Book 281 Page 396 of Umatilla County Records.



ROAD No. 902

POINT	BEARING	DISTANCE
C1/4 SEC. 2	S88°17'04"E	45.70'
POB	S67°37'59"E	155.87'
PI	S64°28'01"E	640.21'
PI	N46°56'43"E	125.40'
PI	N87°07'04"E	469.30'
POE	N00°06'48"E	187.66'
CE 16 SEC. 2		

Location shown is a composite of description obtained from Umatilla County Roadmaster's Office and survey of actual on the ground location. No width given on original document, therefore width is assumed to be 30 feet each side of centerline.

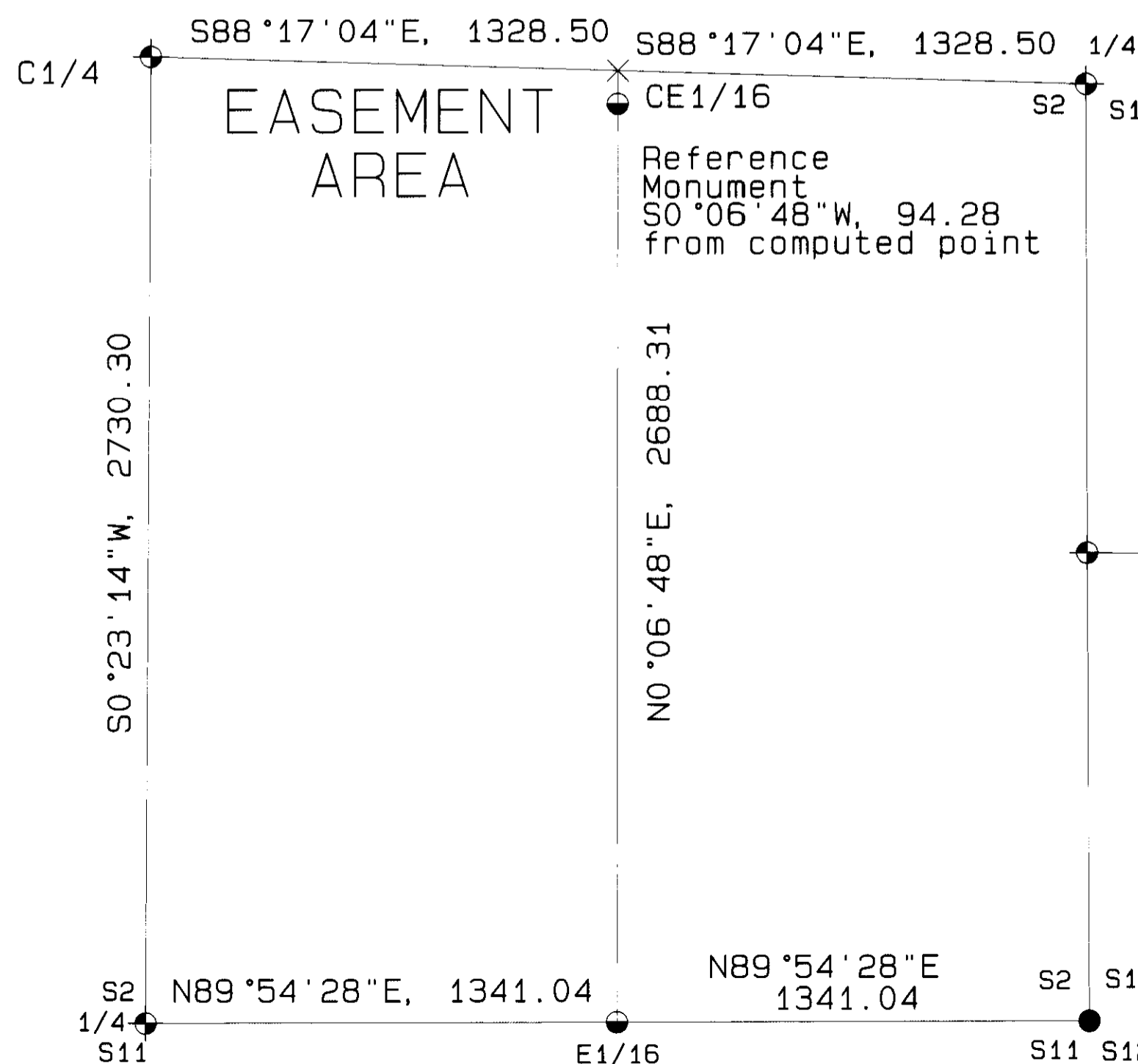
C1/4 SEC. 2 CE1/16

Cayuse Road No. 900

The alignment shown is taken from a 1931 document obtained from the Umatilla County Roadmaster's Office. This document gave no corner ties or bearings. The location shown was made by translating and rotating the record line to best fit on the ground measurements of the actual road location at each end of the easement. This was not a good fit in the center of the easement. The road was reconstructed in 1955 with no changes made in the original easement. The width of the easement is 30 feet each side of the centerline.

CENTERLINE CAYUSE ROAD 900 EASEMENT

POINT	TANGENT / LONG CHORD BEARING	DISTANCE	CURVE DATA RADIUS	LENGTH	DELTA
C1/4 SEC. 2	S88°17'04"E	127.87			
POB-POC	S72°52'51"E	18.71	572.96	18.71	1°52'16"
PT	S73°49'00"E	48.10			
PC	S77°49'00"E	99.92	716.20	100.00	8°00'00"
PT	S°8149'00"E	38.70			
PC	S76°31'00"E	52.92	286.48	53.00	10°36'00"
PT	S71°13'00"E	63.60			
PC	S80°44'30"E	59.26	179.05	59.33	19°03'00"
PT	N89°44'00"E	46.20			
PC	N°8450'30"E	162.86	954.93	163.06	9°47'00"
PT	S79°57'00"E	179.80			
PI	N78°55'00"E	85.71			
POE-POT	S°8817'04"E	360.47			
CE 1/16 S2					



### LEGEND:

- Found 2.5" brass cap on steel pipe by Redfield - 1919
- Set 1" x 24" iron rebar with 2" aluminum cap stamped as shown.
- Set 5/8" iron rebar with 2" Al cap stamped ORLS 852 and WAL5 13922
- Found 2" iron pipe with fence corner attached by welding
- Computed Point

REGISTERED PROFESSIONAL LAND SURVEYOR

David L. Haddock

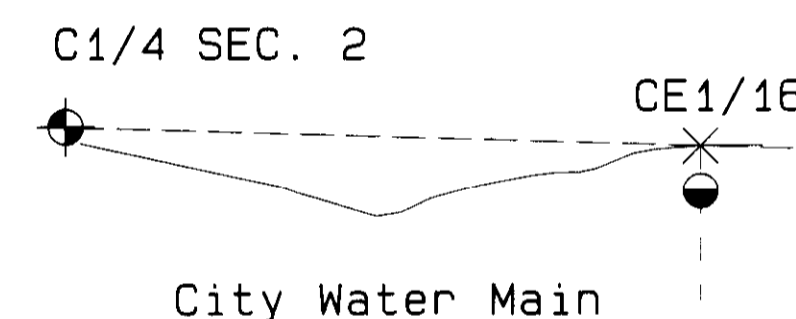
OREGON JULY 12, 1988 DAVID L. HADDOCK 852

RENEWS 6-30-05

SHEET 3 OF 4



Horizontal Scale: 1" = 400'



City Water Main

The alignment shown is a composite of a document obtained from City of Pendleton Engineering, a March 1957 survey found in the County Surveyor's office and field measurements of the actual physical location. The width of the easement is 10 feet each side of centerline.

CITY OF PENDLETON WATER MAIN EASEMENT

POINT	TANGENT / LONG CHORD BEARING	DISTANCE	CURVE DATA RADIUS	LENGTH	DELTA
C1/4 SEC. 2	S0°23'14"W	45.35			
POB-POC	N69°50'22"E	33.26	288.48	33.28	6°13'21"
PT	S77°46'00"E	428.93			
PC	S69°47'56"E	37.14	286.48	37.17	7°26'02"
PT	S73°31'00"E	171.70			
PC	N81°19'00"E	51.84	60.95	53.55	50°20'00"
PT	N56°09'00"E	1.80			
PC	N65°24'00"E	65.78	204.63	66.07	18°30'00"
PT	N74°39'00"E	88.30			
PC	N76°54'00"E	22.49	286.48	22.50	4°30'00"
PT	N79°09'00"E	110.30			
PC	N83°49'00"E	46.62	286.48	46.67	9°20'00"
PT	N88°29'00"E	47.90			
PC	N78°14'00"E	40.78	114.59	41.00	20°30'00"
PT	N67°59'00"E	82.50			
PC	N79°14'00"E	44.71	114.59	45.00	22°30'00"
POE-PT	N85°53'47"E	96.05			
CE1/16	N0°01'09"E	0.33			

RECEIVED BY  
Umatilla County Surveyor  
Date: 6-03  
Rec'd By: [Signature]  
No. 03-92-C

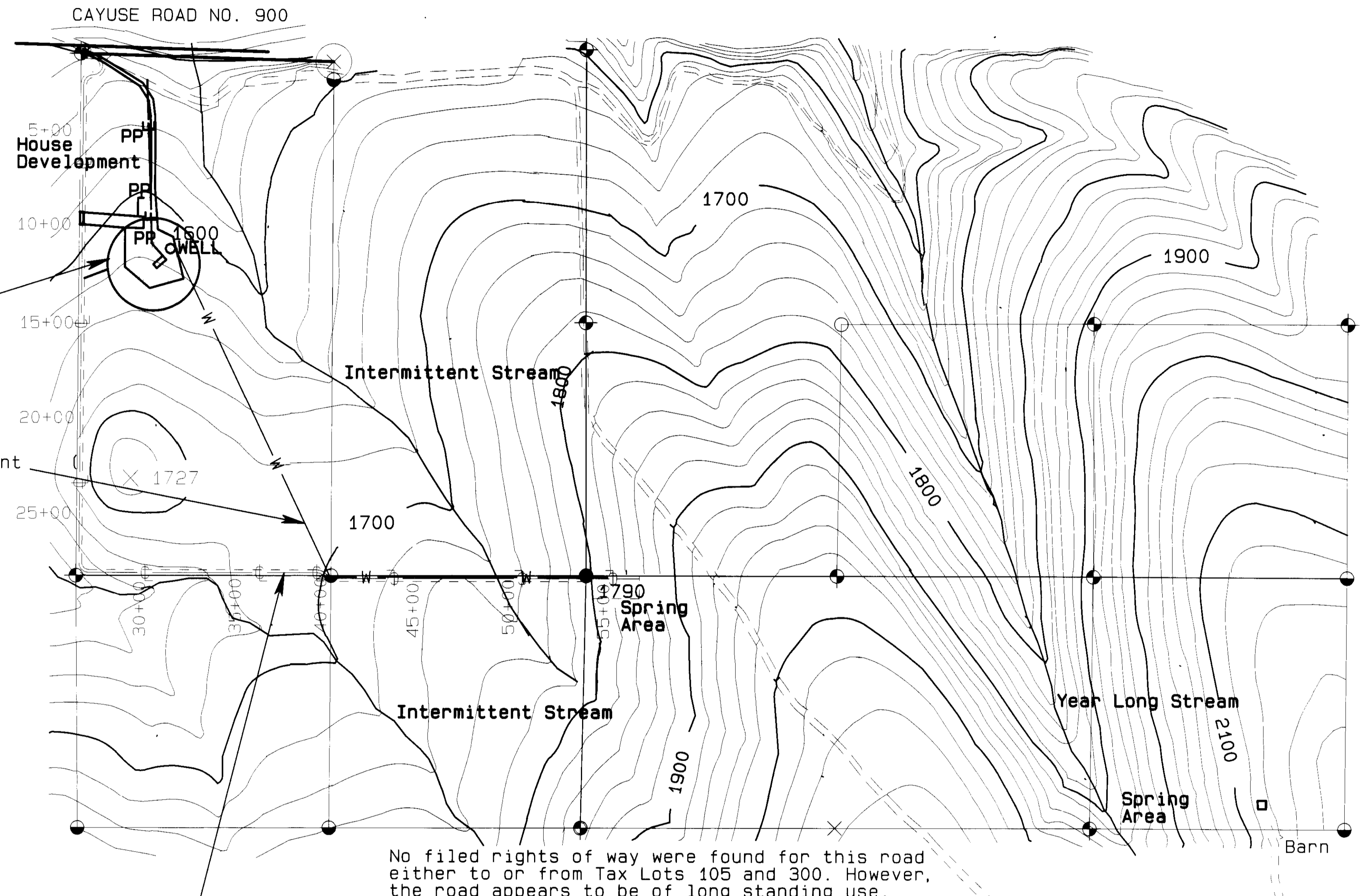
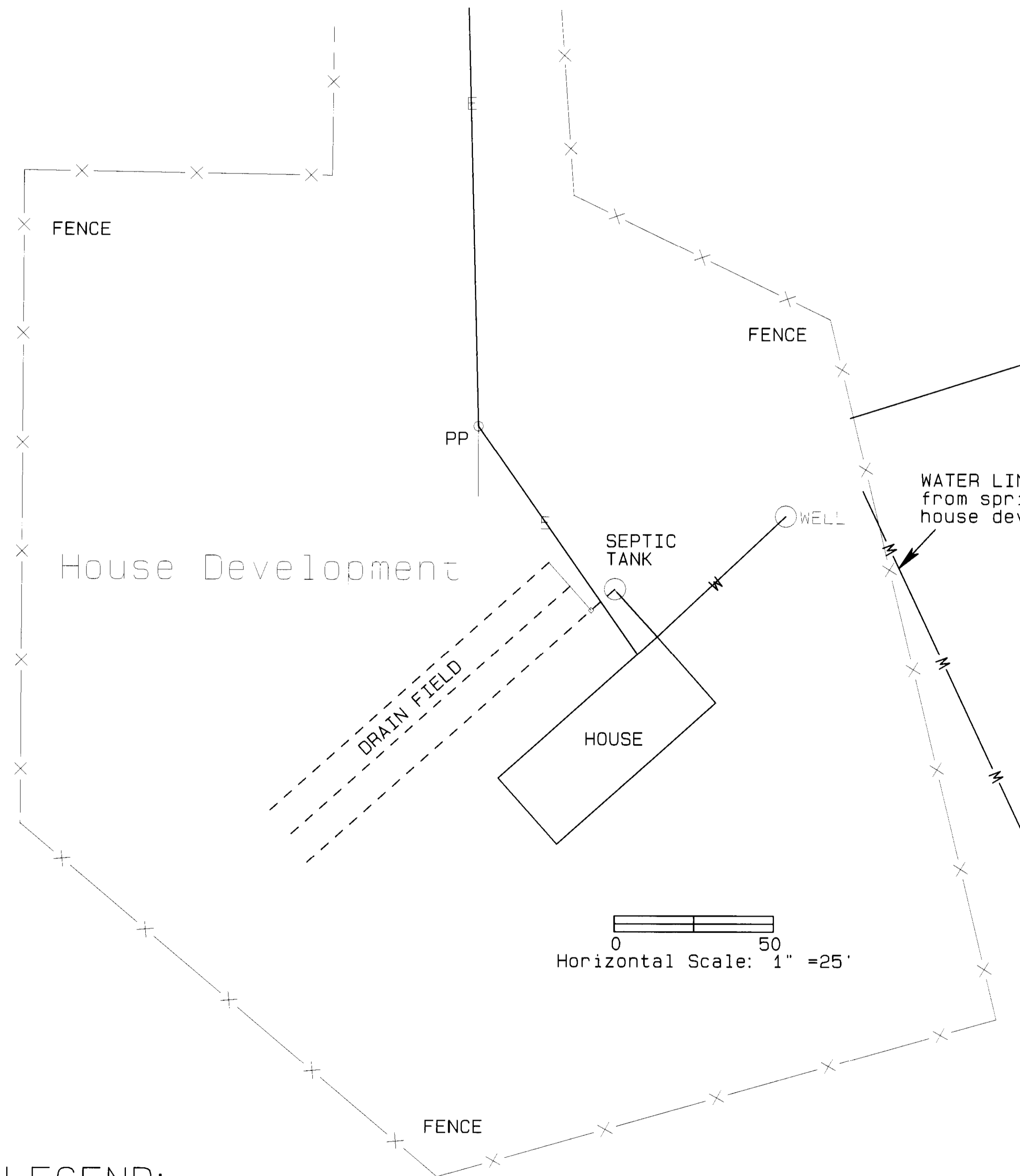
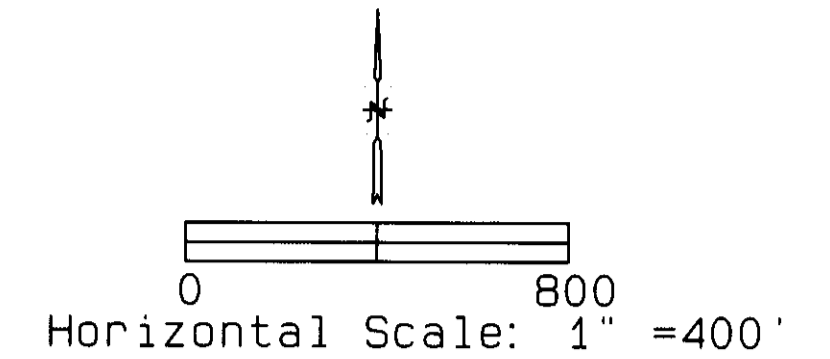
David L. Haddock, Surveyor and Engineer  
P.O. Box 1574  
Pendleton, OR. 97801  
(541) 276-2174

HADDOCK SURVEYING  
GPS  
AND  
TOTAL STATION

SURVEY FOR:  
Mr. John Collins  
51024 Cayuse Road  
Cayuse, OR 97821  
(541) 379-1794

FINAL PLAN  
 BOUNDARY LINE ADJUSTMENT  
 SECTIONS 1, 2, 11 AND 12;  
 T. 2 N., R.34 E., W. M.  
 File Number: LLA-03-02

# TOPOGRAPHY MAP UMATILLA INDIAN RESERVATION UMATILLA COUNTY, OREGON



No filed rights of way were found for this road either to or from Tax Lots 105 and 300. However, the road appears to be of long standing use.

PROPOSED ROAD EASEMENT GRADE DETAILS

ROAD STATION	ELEVATION	% GRADE	STATION	ELEVATION
0+00	1506	10	0+39	1510
10	1+00	1516	0	1+78
1024	10	2+48	1531	9
3+00	1535	7	4+00	1542
9	5+00	1542	9	6+00
1558	9	7+00	1567	8
8+00	1576	7	9+00	1583
8	10+00	1591	7	11+00
1598	8	12+00	1606	9
13+00	1615	9	14+00	1624
9	15+00	1635	8	16+00
1643	7	17+00	1650	6
18+00	1656	7	19+00	1663
8	20+00	1671	10	21+00
1681	0	22+00	1681	-10
23+00	1671	-10	24+00	1661
-10	25+00	1651	-10	26+00
1651	-10	27+00	1641	-10
27+51	1631	-3	28+00	1628
0	28+30	1628	14	29+00
1638	9	30+00	1647	-2
31+00	1645	11	32+00	1656
1	33+00	1657	0	34+00
1657	14	35+00	1681	4
36+00	1685	4	37+00	1689
4	38+00	1693	4	39+00
1697	1	39+91	1698	10
40+00	1699	3	40+31	1700
8	40+71	1703	3	41+00
1704	6	42+00	1710	6
43+00	1716	16	44+00	1722
8	45+00	1730	7	46+00
1737	4	47+00	1741	-3
48+00	1738	-7	49+00	1731
1	50+00	1732	10	51+00
1742	5	52+00	1757	18
53+00	1775	18	54+00	1793
18	55+00	1811	23	56+95
1854	21			

The numbers in this table represent an engineer's station, the elevation at that station, then the grade to the next station. The grade beyond station 51+00 becomes too steep for highway vehicles. It is intended the easement beyond this point be used only by construction and maintenance equipment for access to construct and maintain the spring development. It is intended that the owner of Tax Lot 300 will perform all construction and maintenance of any road on this easement with the exception that the owner of Tax Lot 105 will repair any damage his activities might cause to that road.

LEGEND:

- Found 2.5" brass cap on steel pipe by Redfield - 1919
- Set 1" x 24" iron rebar with 2" aluminum cap stamped as shown.
- Set 5/8" iron rebar with 2" Al cap stamped ORLS 852 and WALS 13922
- Found 2" iron pipe with fence corner attached by welding
- × Computed Point

REGISTERED PROFESSIONAL LAND SURVEYOR  
 David L. Haddock  
 OREGON JULY 12, 1958  
 DAVID L. HADDOCK  
 892  
 RENEWS 6-30-05

RECEIVED BY  
 Umatilla County Surveyor  
 Date 6-03  
 Rec'd By KR  
 No. 03-92-C

PROJECT No. David L. Haddock, Surveyor and Engineer P.O. Box 1574 Pendleton, Oregon 97801 (541) 276-2174 HADDOCK SURVEYING AND GPS TOTAL STATION	SURVEY FOR: Mr. John Collins 51024 Cayuse Road Cayuse, OR 97821 (541) 379-1794
--	--