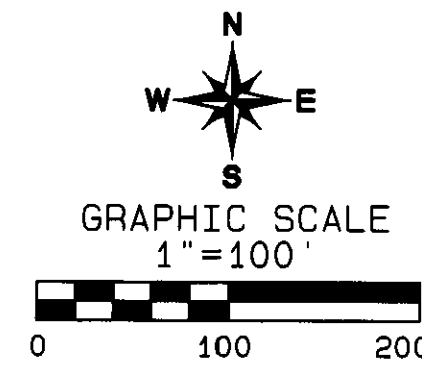


THE NE1/4, S34
T2N, R32E, W.M.
UMATILLA COUNTY, OREGON



NARRATIVE OF SURVEY

This survey was performed at the request of Mr. Steven Hale. The purpose of the survey was to map the encroachments on his property, as identified in this survey. Reference deeds and survey records used are listed in the legend on this map.

Factors controlling the location of the boundaries shown are as follows:
 1. Mr. George Patterson owned the NE 1/4 of Section 34 and began to sell the portions shown on this map in 1958.
 2. In May of 1957 Mr. Stan Wallulis established a position for the North 1/4 corner of Section 34 via survey for Mr. Tom McEntire. This Wallulis position was apparently arrived at by projecting a line 2640.00 feet from the Northwest corner of section 34 through a found iron pin held to be on the section line. No tie to the NE corner of the Section is shown.
 Mr. Wallulis held this line when he did the PLEASANT VALLEY subdivision in the NW 1/4 of Section 34 and the GREEN MEADOWS subdivision in the SW 1/4 of Section 27. These plats were filed the same day in March of 1960. The outlines of the parcels shown on this map are indicated on the plat of PLEASANT VALLEY with dashed lines. The SE corner of the PLEASANT VALLEY subdivision is at the intersection of an existing road with the E-W centerline of the section. This was the point held as the center 1/4 by the BLM in 1998.
 Mr. Wallulis did a survey in 1961 for Mr. Albert Fry which shows a 5/8" x 3/8" iron pin at the North 1/4 corner position of Section 34. The survey does not indicate if the pin was found or set.

Mr. Wallulis did a survey for Mr. Asing in 1962. The map shows the complete boundary of the Fry survey and shows found pins along the East line of the tracts as shown including one shown at the northeast corner of these tracts as being on the section line.
 3. In May of 1980 Mr. David Krumbain established a position for the Northeast corner, the East 1/4 corner, the center 1/4, and the North 1/4 corner of Section 34 in County Survey No. R-98-C. The Krumbain North 1/4 corner position was apparently arrived at by proportioning the distance between the North section corners of Section 34. Most surveys in the Northeast 1/4 of Section 34, post 1980, have used the Krumbain corners.
 4. Mr. Bill Wells held the North line of the Northeast 1/4 of Section 34 as established by Mr. Krumbain for the Northeast 1/4 of Section 34 in surveying Partition Plat No. 2000-46 in August of 2000. The South line of that plat falls south of the existing fence which runs between the Wallulis pins from the Fry survey.
 The deeds from Mr. Patterson for these tracts do not call for monuments. This includes the deed to Mr. Fry. The deeds for subsequent divisions of the Fry tract do call for monuments with some indication that the monuments were in place as early as 1958. The descriptions in those deeds match the bearings and distances shown on the Fry survey exactly.

It is probable that the descriptions granted by Mr. Patterson originated using the Wallulis section line and corner locations as they were the monuments of record during that time period. In order to reestablish the boundaries of the tracts shown on this map, I held the monuments from the Fry and Asing surveys as controlling because the resulting positions fit the existing improvements and deed calls for the area almost exactly. The Fry monuments set along the center of the Marion Jack ditch in this area were destroyed when the irrigation district installed their pipeline in the ditch. The Fry monuments set along the center section line were apparently destroyed by road construction. It is not clear why Mr. Wallulis did not plat all of the Northwest 1/4 of Section 34 in the PLEASANT VALLEY subdivision. There are no dimensions shown on that plat for the portion of the NW 1/4 that was left out of the plat. I therefore reestablished the Fry survey in the following manner:

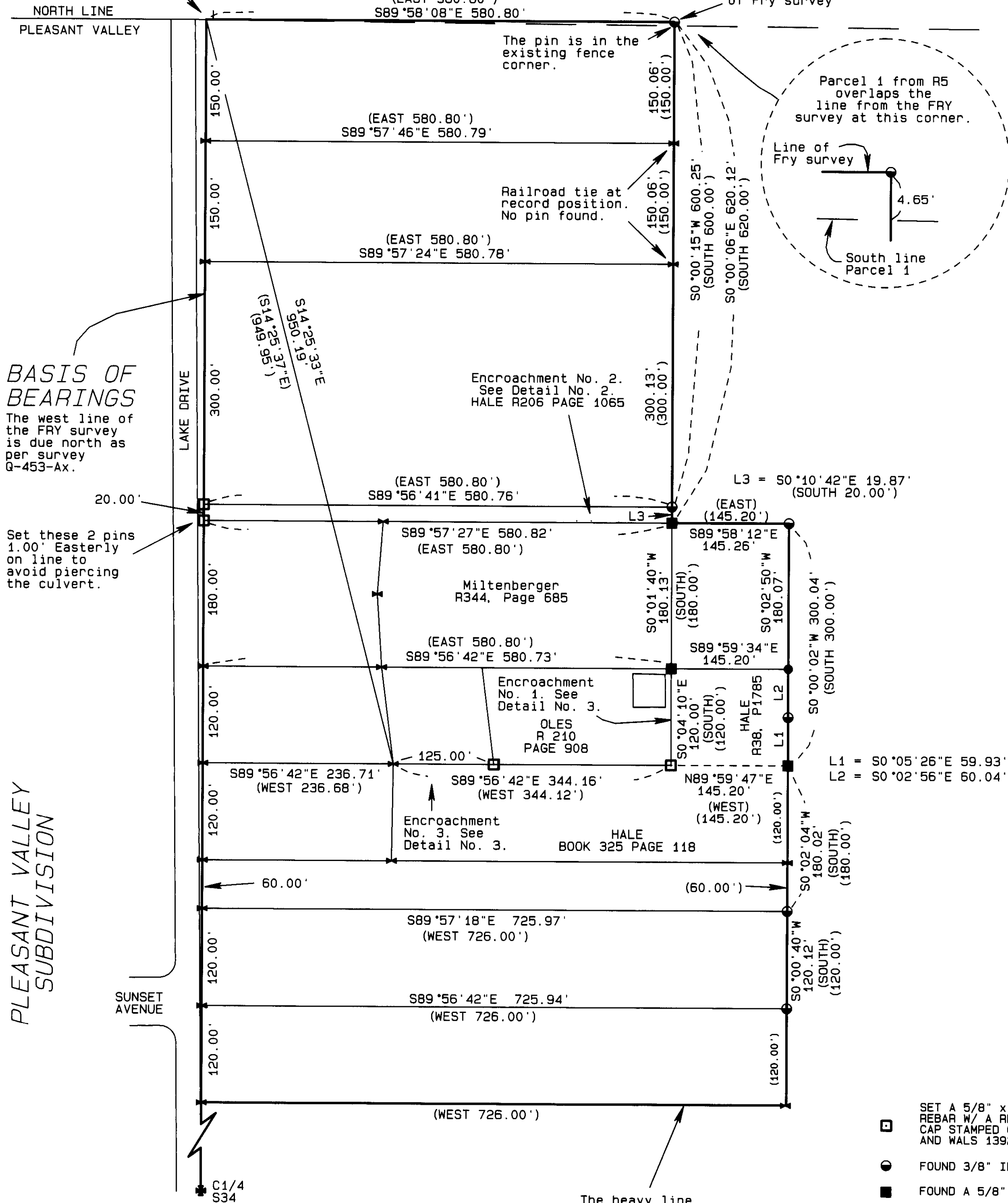
I projected the North line of PLEASANT VALLEY to the east (see Detail No. 1) and calculated that it misses the 3/8" iron rod at the northeast corner of the Fry survey by 0.08 feet. I then established the Wallulis 1/4 corner position by intersecting this projected line with an arc at record distance from the 3/8" iron rod. I then calculated an average southerly bearing between the Fry monuments and projected a line from the Wallulis 1/4 corner to the south using this bearing. This line only missed the Southeast corner of PLEASANT VALLEY (held to be the C1/4 in S34) by 0.13 feet. I then held the west line of the Fry survey to be the line between the Wallulis 1/4 position and the SE corner of PLEASANT VALLEY. I calculated the westerly corner positions of the tracts shown at record deed distances along that line from the Wallulis 1/4 corner.
 After establishing the boundaries for these tracts I surveyed the encroachments for Mr. Hale. These encroachments are discussed in Detail No. 2 and Detail No. 3 respectively. The survey was performed using a combination of a Geodimeter System 600, Electronic Total Station and a LEICA System 300, RTK GPS.

North quarter S34. Found brass cap. See discussion in the narrative and detail No. 1.

PARCEL 1 PARTITION PLAT No. 2000-46

The corner position as shown was computed from information on Partition Plat No. 2000-46 and is only included for the discussion of the section line.

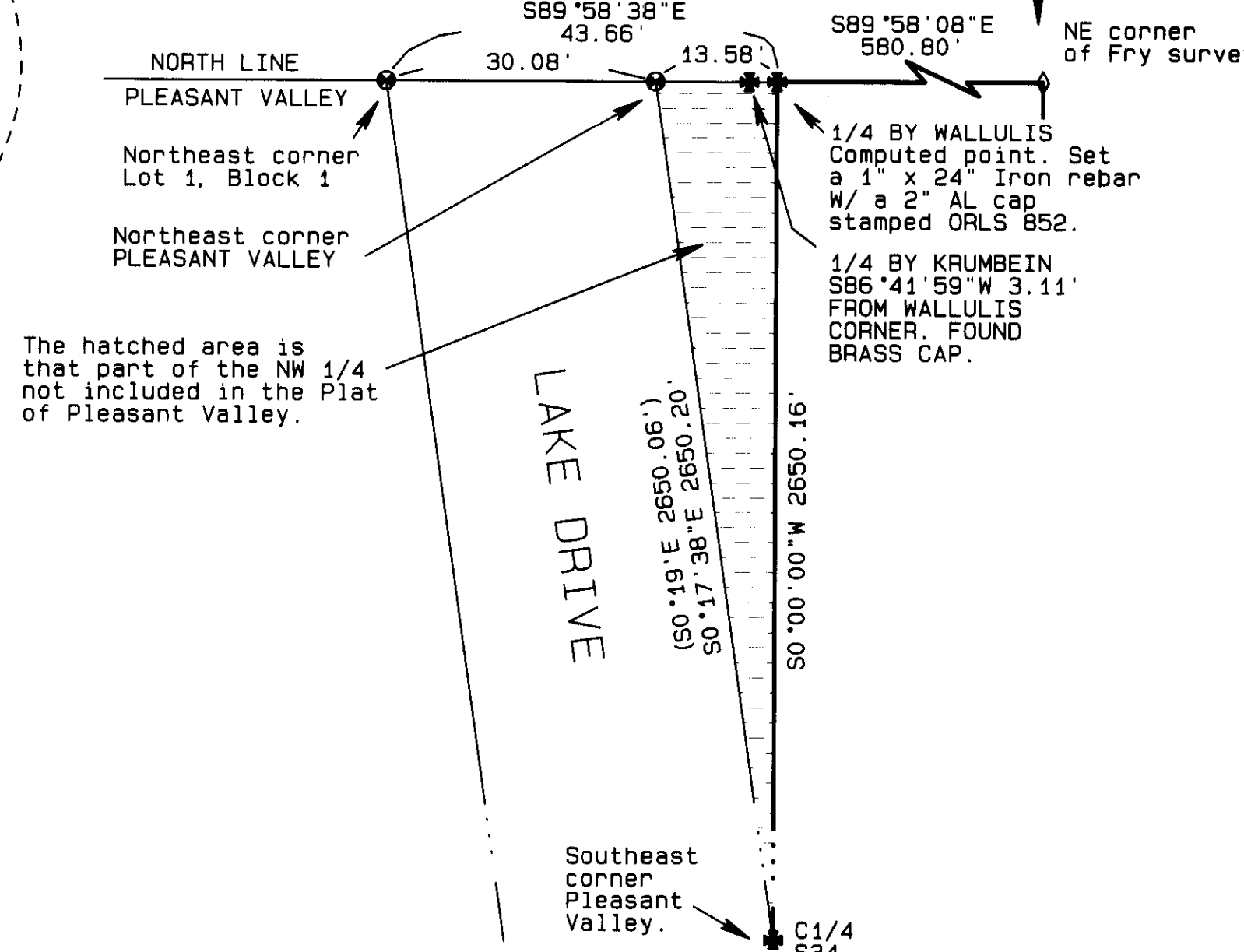
Note: The 2 1/2" pipe called for in survey R5 protrudes approximately 6" out of the ground and has fencing materials bolted to it. There are 4 more pipes like it in the fence to the west. I did not tie this pipe.



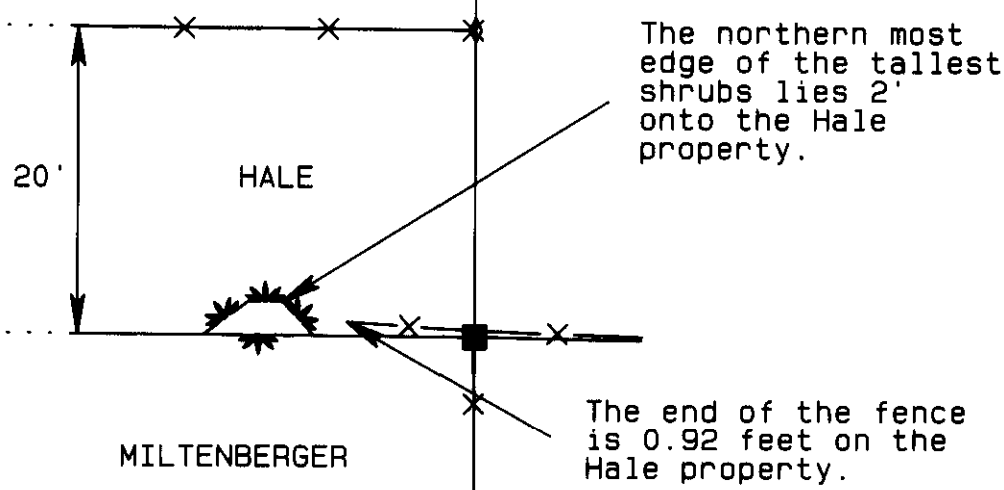
BASIS OF BEARINGS
The west line of the Fry survey is due north as per survey Q-453-Ax.

PLEASANT VALLEY SUBDIVISION

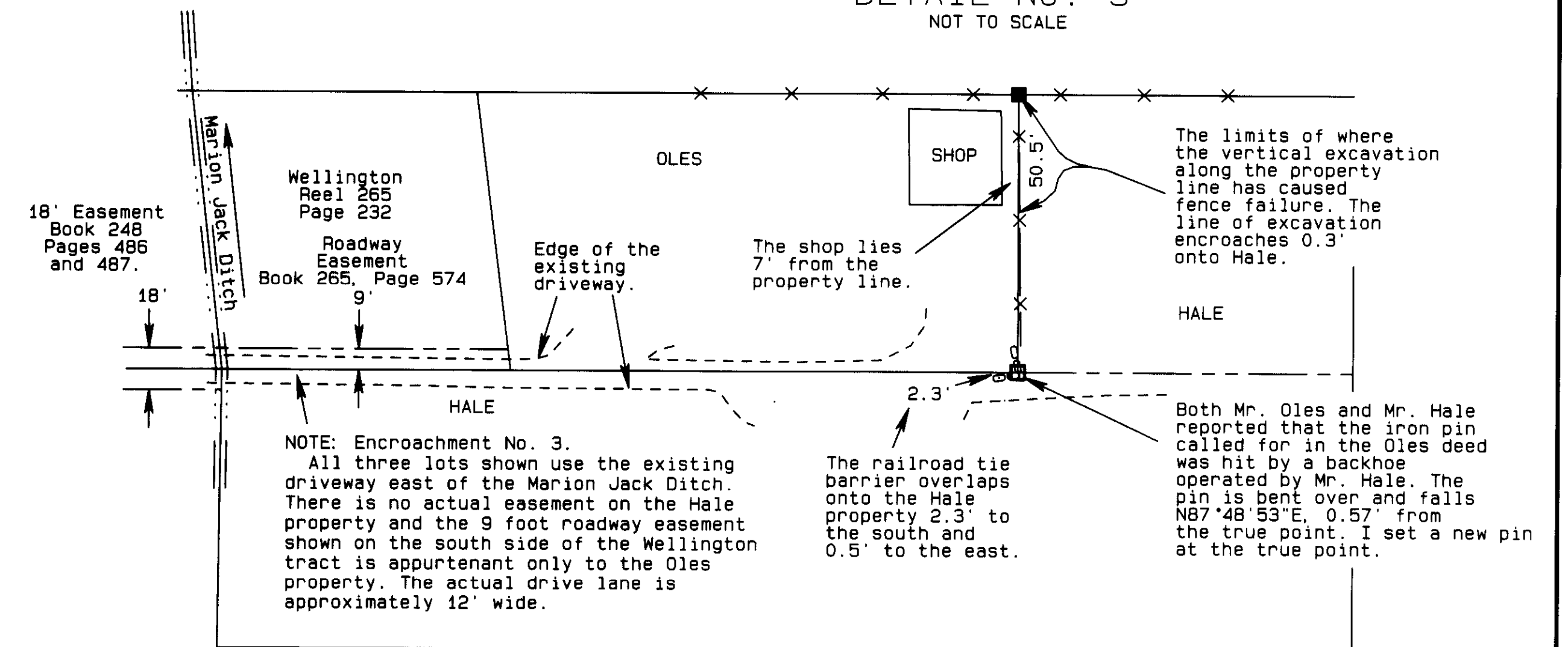
DETAIL No. 1 NOT TO SCALE



DETAIL No. 2 NOT TO SCALE



DETAIL No. 3 NOT TO SCALE



LEGEND

- SET A 5/8" x 24" IRON REBAR W/ A RED PLASTIC CAP STAMPED ORLS 852 AND WALS 13922
- FOUND 3/8" IRON ROD, R2
- FOUND A 5/8" IRON REBAR, R2
- ⊕ PUBLIC SURVEY CORNER AS NOTED
- FOUND 5/8" IRON REBAR OF UNKNOWN ORIGIN
- ⊕ FOUND A 5/8" IRON REBAR FROM R8
- ⊕ MONUMENT FROM ORIGINAL TRACT LAYOUTS NOT FOUND
- (xxx) RECORD DIMENSIONS FROM R1 UNLESS OTHERWISE NOTED
- R1 Q-453-Ax, WALLULIS
- R2 Q-1654, WALLULIS
- R3 R-98-C, KRUMBAIN
- R4 91-44-A, STAEBLER
- R5 PARTITION PLAT 200-46, WELLS
- R6 Q-492-B, WALLULIS
- R7 BOOK 8, PAGE 32 UMATILLA COUNTY PLATS GREEN MEADOWS WALLULIS
- R8 BOOK 8, PAGE 33 UMATILLA COUNTY PLATS PLEASANT VALLEY WALLULIS
- R9 H-251-B, BLM
- Book 146, Page 167
- Book 174, Page 583
- Book 244, Page 424
- Book 244, Page 432
- Book 244, Page 436
- Book 244, Page 444
- Book 244, Page 519
- Book 247, Page 484
- Book 248, Page 477
- Book 248, Page 478
- Book 248, Page 483
- Book 248, Page 486
- Book 248, Page 487
- Book 265, Page 574
- Book 252, Page 394
- Book 285, Page 574
- Book 325, Page 118
- Reel 29, Page 1707
- Reel 38, Page 1785
- Reel 57, Page 1473
- Reel 201, Page 225
- Reel 206, Page 1065
- Reel 210, Page 908

REGISTERED PROFESSIONAL LAND SURVEYOR
David L. Haddock
OREGON JULY 12, 1968
DAVID L. HADDOCK
RENEWS 6-30-01

SURVEY FOR
Mr. Steven Hale
P.O. BOX 340
PLYMOUTH, WA. 99346

MONUMENTS SET: 2-23-01
PROJECT No. 00-18
David L. Haddock, Surveyor and Engineer
P.O. Box 1574
Pendleton, Oregon 97801
(541) 276-2174
HADDOCK SURVEYING
GPS AND TOTAL STATION

RECEIVED BY
Umatilla County Surveyors
Date 03-01
Rec'd by [Signature]
No. 01-37-C