

T.2N., R.31E., W. M.
NW 1/4 Section 15
Umatilla County, Oregon

NARRATIVE

This survey was performed at the request of Rod Anderson to establish the boundaries of the deeded quarry site located adjacent to the old Barnhart railroad ballast pit.

The location of the old ballast pit was based on a railroad drawing in the County Surveyor's records showing a date of May 1947. The section corner common to sections 9, 10, 15 and 16 was found and monumented with a brass cap. The quarter corner common to sections 15 and 16 was reestablished from existing evidence. The stone set by C. B. Wade in 1897 was found loose on the ground. Umatilla County survey D-12-B set two pins nearby based on the position of this stone in 1967. These pins were found and the quarter corner position based on the record tie to these two pins. The axle was not accepted because it was of unknown origin.

A point on the line between these corners was established by proportion based on the railroad drawing. A line drawn from this point was shown as parallel to the state highway as it existed in 1947. A railroad spike was described in Umatilla County deed Reel 265 page 1193 as monumenting the centerline of the highway and the railroad spur to the ballast pit. This spike and the proportioned point on the section line were used to establish the centerline of the highway. This alignment agreed well with the centerline of the existing highway tangent to the east.

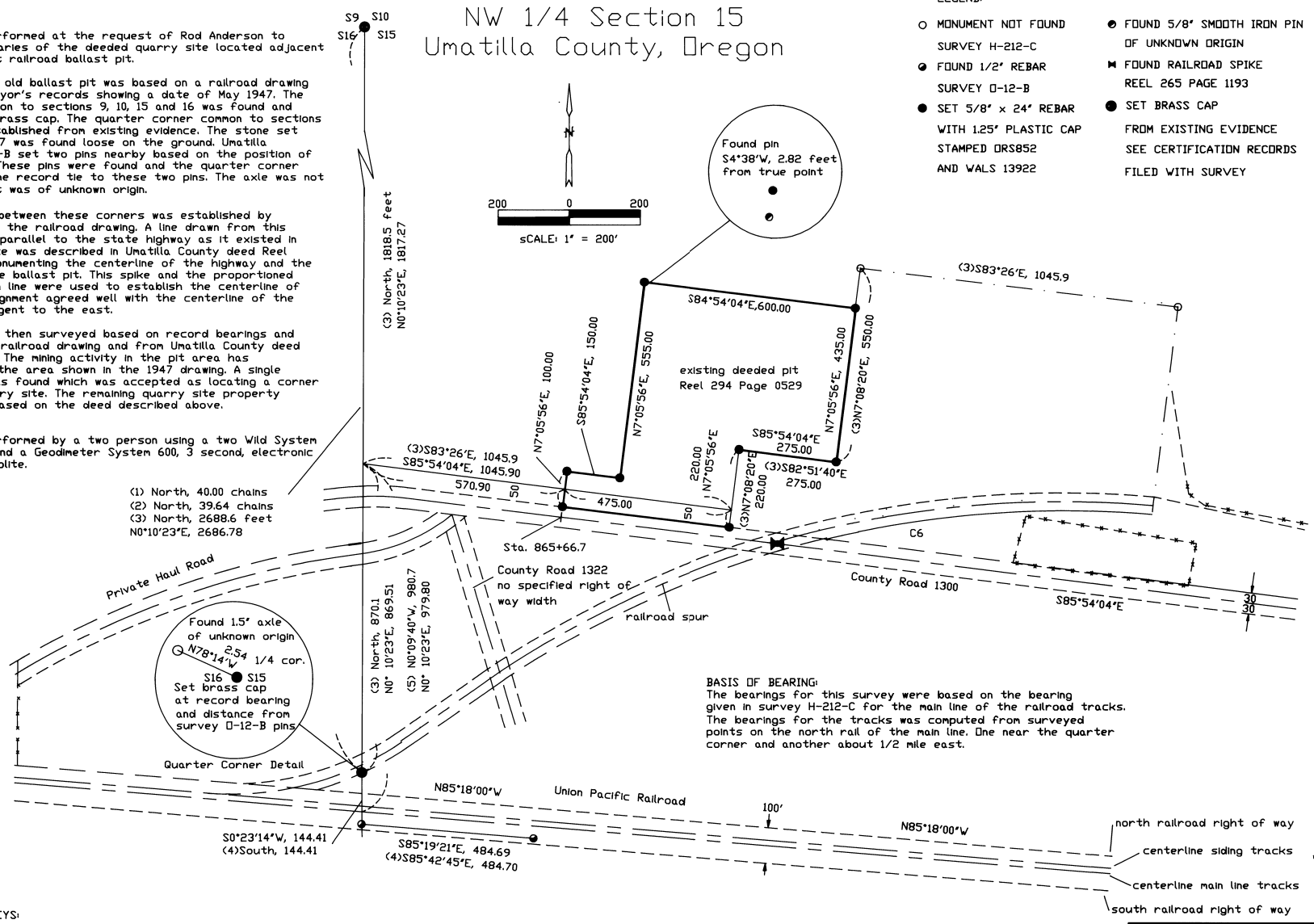
Both pit sites were then surveyed based on record bearings and distances from the railroad drawing and from Umatilla County deed Reel 294 Page 0530. The mining activity in the pit area has encroached beyond the area shown in the 1947 drawing. A single existing monument was found which was accepted as locating a corner of the deeded quarry site. The remaining quarry site property corners were set based on the deed described above.

Survey Equipment

This survey was performed by a two person using a two Wild System 200 GPS receivers and a Geodimeter System 600, 3 second, electronic total station theodolite.

LEGEND:

- MONUMENT NOT FOUND
- FOUND 5/8" SMOOTH IRON PIN OF UNKNOWN ORIGIN
- SURVEY H-212-C
- FOUND 1/2" REBAR
- FOUND RAILROAD SPIKE
- SURVEY D-12-B
- SET 5/8" x 24" REBAR WITH 1.25" PLASTIC CAP STAMPED DRS852 AND WALS 13922
- SET BRASS CAP FROM EXISTING EVIDENCE SEE CERTIFICATION RECORDS FILED WITH SURVEY



BASIS OF BEARING:
The bearings for this survey were based on the bearing given in survey H-212-C for the main line of the railroad tracks. The bearings for the tracks was computed from surveyed points on the north rail of the main line. One near the quarter corner and another about 1/2 mile east.

RECORD SURVEYS:

Survey No.	Date	Surveyor
(1) GLD 92	1860	Josiah Burnett
(2) Book 1 Page 348	1897	C. B. Wade
(3) In County Warehouse	1947	Railroad
(4) D-12-B	1967	Thompson
(5) H-212-C	1972	Krumbein

DEEDS:
The following deeds were used in preparing this survey:
R175 P761, R294 P0529 and R265 P1192.

SURVEYOR'S CERTIFICATE:

I, David L. Haddock, hereby certify that this map is a true representation of a survey made under my direct supervision during March of 1997.

REGISTERED PROFESSIONAL LAND SURVEYOR
David L. Haddock

OREGON
JULY 12, 1968
DAVID L. HADDOCK
852
RENEWS 6-30-97

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

HADDOCK SURVEYING
GPS ELECTRONIC TOTAL STATION

MONUMENTS SET: March 13, 1997

SURVEY FOR:
ROD ANDERSON CONSTRUCTION
45 SE. Third Street
Pendleton, OR 97801
541-276-4104

RECORDED BY
4-97
KR
97-63-B