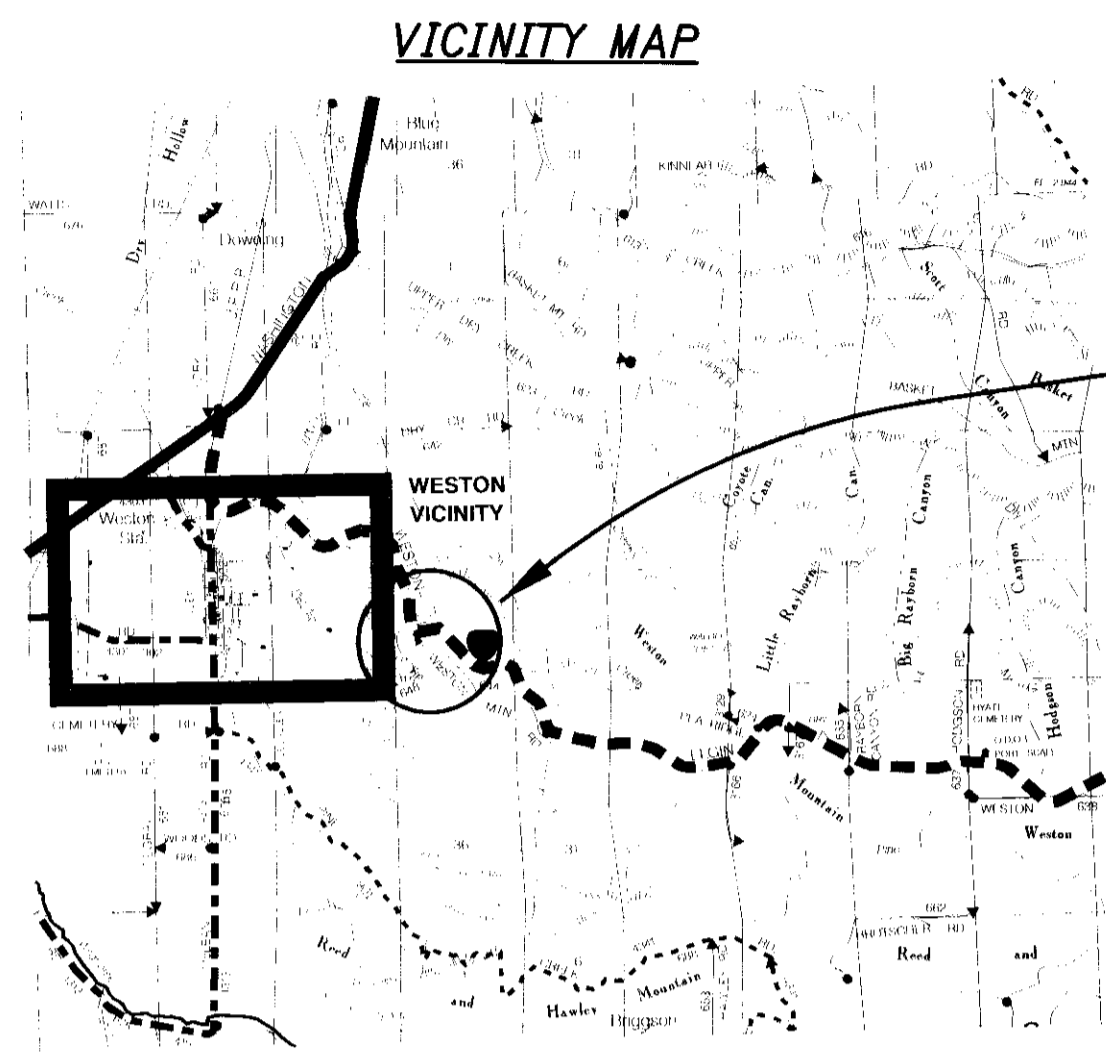


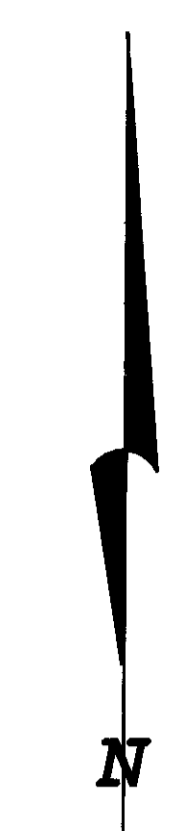
BOUNDARY LINE AND TOPOGRAPHIC SURVEY FOR THE WESTON QUARRY SITE SITUATED IN THE SW 1/4 OF SECTION 24, T 4 N, R 35 E, W.M.

FND. 60mm BRASS CAP
SECTIONS 14, 13, 23 AND 24
T 4 N, R 35 E, W.M.
2166 L.S. SET IN 1999,
AS SHOWN ON UMATILLA
CO. SURVEY NO. 99-307-B

FND. 60mm BRASS CAP
ONE QUARTER CORNER TO
SECTIONS 23 AND 24
T 4 N, R 35 E, W.M.
2166 L.S. SET IN 1999,
AS SHOWN ON UMATILLA
CO. SURVEY NO. 99-307-B



WESTON QUARRY
APPROX. MP 2.17
WESTON-ELGIN HWY.
HWY. 204



SCALE
METRIC 1:2000
(CONVERSION FACTOR: 1 FOOT = 0.3048 METERS)

SURVEY NARRATIVE

This survey was performed at the request of Gary VanHouten, Oregon Department of Transportation (ODOT), Region 5 Geology Department. The purpose of this survey was to monument the easterly and southerly property lines of a 16.4 acre parcel of land that was purchased in 1983 for additional quarry site, adjoining to a 9.34 acre existing parcel.

Horizontal control for this survey was established from a found brass cap for sections 14, 13, 23 and 24, and the West one quarter corner for section 24, in T 4 N, R 35 E, W.M. From these monuments I established additional network control points using a Leica TCA 1800 Total Station, then processing network data through a least squares adjustment.

The point of beginning as shown on Oregon State Highway Department description of metes and bounds was found, a brass disk monumenting highway station "L" 146+05.06 P.T. Bk. = 146+02.91 P.D.T. Ah, 110 feet right of centerline. I also found brass disks for said station at 140 feet right of centerline and 80 feet left of centerline. I then established the northerly boundary of the 16.4 acre parcel as per bearing and distance calls from said description, which fit very well with existing fencing.

ODOT right of way file no. 53202, warranty deed, states, "Beginning at the intersection of the East line of the SE 1/4 of the SW 1/4 with the Southwesterly line of the Weston-Elgin highway". I establish the East line from a found nail driven in a fence post at intersecting fence lines and existing fencing southerly from said nail. I find no documentation of this found nail in the Umatilla County Surveyors office other than it does show on their county map legend as being, "monument found". Previous said description of metes and bounds indicates this point being 62.6 feet north and 325.5 feet east of previously said station, 110 feet right of centerline. My survey data supports this relationship. Based on field data I collected, physical evidence in the field and verbal testimony, I accepted said nail as being the south center 1/16th corner of Section 24 (NE corner of the SE 1/4 of the SW 1/4). The location and direction of an existing fence line headed southerly from said nail also coincides with description. I therefore accepted the alignment of this fencing to establish the bearing and location of the easterly line for this survey. I then continued on this bearing a distance of 248.412 meters (815 feet) as per warranty deed description to establish the southeasterly property corner.

During this survey I recovered a number of monuments that were set in a 1986 survey by Krumben Engineering LTD., for the adjoining property to the west. This survey shows that from the most easterly point set on the north line of the SE 1/4 of the SW 1/4, the property boundary then continues northwesterly along Co. Rd. No. 891. I found monuments set from the 1986 survey and verified their relationship as shown on said survey. The shaded area as shown on my survey, northerly of gated access to quarry, indicates a possible encroachment by ODOT on the adjoining property.

REFERENCES

- UMATILLA CO. SURVEY NO. 86-50-B
- UMATILLA CO. SURVEY NO. 99-307-B
- ORE. DEPT. OF TRANS. R/W MAP 7B-29-4
- UMATILLA CO. DEED OF RECORDS:
- BK. 230, PG. 156 AND 157
- BK. 222, PG. 494 AND 495
- BK. 254, PG. 247
- BK. 110, PG. 359
- BK. 125, PG. 186
- BK. 160, PG. 187
- ORE. DEPT. OF TRANS. RIGHT OF WAY FILES:
- NO. 53202
- NO. 29427
- NO. 29428
- NO. 29448

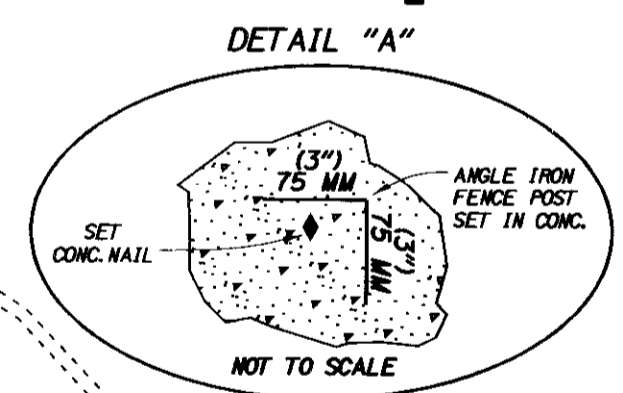
LEGEND

- FOUND MONUMENT AS NOTED
- ▲ SET 16mm x T20mm IRON ROD W/ALUMINUM CAP MARKED "OREGON DEPT OF TRANS"
- SET CONTROL POINT AS NOTED
- ◆ SET CONCRETE NAIL, SEE DETAIL "A"
- () DENOTES DISTANCE IN FEET
- [] DENOTES RECORD BEARING AND/OR DISTANCE IN FEET
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- EXISTING FENCE

HORIZONTAL CONTROL NETWORK

POINT	NORTHING	EASTING
SEC. COR. (14, 13, 23, 24)	41349.593	63725.125
W 1/4 COR. (SE. 24)	40542.012	63760.748
PT 110	40139.144	64492.169
PT 140	40132.867	64485.506
NT 1	40208.356	64066.558
NT 2	40031.708	64483.434
NT 3	40172.772	64407.772
NT 4	39923.821	64567.870
1/16TH COR. (CENTER SOUTH)	40158.527	64591.820

NOTE: THIS QUARRY IS IN CONJUNCTION WITH AN UPCOMING ODOT CONSTRUCTION PROJECT. ASSUMED COORDINATES WERE ASSIGNED TO A FOUND BRASS DISK STAMPED "DRY". THIS MONUMENT IS LOCATED APPROXIMATELY AT MILE POINT 6.5 ON THE WESTON TO ELGIN HIGHWAY ON THE SOUTH SIDE OF THE ROAD. POINTS WERE THEN ESTABLISHED FOR HORIZONTAL CONTROL FOR THE CONSTRUCTION PROJECT IN A WESTERLY DIRECTION TO THE JUNCTION OF HWY. 11 AND HWY. 204. UPON REACHING QUARRY AREA WITH THIS ORIGINAL CONTROL COORDINATES ESTABLISHED FROM FIELD MEASUREMENTS CONFIRMED DISTANCE RELATIONSHIP BETWEEN BASE OF BEARING POINTS. I THEN FIXED THE COORDINATES OF SAID POINTS AND ESTABLISHED A SEPARATE AND INDEPENDENT CONTROL NETWORK FOR THE QUARRY SITE ONLY.



REGISTERED
PROFESSIONAL
LAND SURVEYOR
Curtis B. Stockhoff
OREGON
CURTIS B. STOCKHOFF
2765
EXPIRES JUNE 30, 2004

SURVEY FOR OREGON DEPARTMENT OF TRANSPORTATION	
BOUNDARY LINE AND TOPOGRAPHIC SURVEY FOR WESTON QUARRY, SOURCE NO. 30-43-5	
LOCATION: SW 1/4 OF SECTION 24, T 4 N, R 35 E, W.M., WESTON-ELGIN HWY., UMATILLA CO., OREGON	
SURVEYED BY: CURTIS B. STOCKHOFF	DRAFTED BY: CURTIS B. STOCKHOFF
DATE SURVEYED: MAY 1, 2002	SHEET 1 OF 1

02-1350