

2019



LATITUDE: 45° 48' 53.39143"  
LONGITUDE: 123° 10' 28.87304"  
ORTHO HEIGHT: 1030.55'

**NARRATIVE:**

---THIS SURVEY WAS ACCOMPLISHED AT THE REQUEST OF WEYERHAEUSER TO MARK THE THE NORTH 1/2 OF THE NORTH 1/2 OF THE NORTHWEST 1/4 SECTION 21, LYING EASTERLY OF THE EASTERLY RIGHT OF WAY OF PEBBLE CREEK ROAD AS SHOWN IN SECTION 21 TOWNSHIP 4 NORTH, RANGE 4 WEST OF THE WILLAMETTE MERIDIAN.

---THE BASIS OF BEARINGS WAS DERIVED FROM GPS OBSERVATIONS. POSITIONS WERE TRANSFERRED TO LOCAL CONTROL USING THREE LOCUS GPS RECEIVERS. A CONVERGENCE ANGLE, AT LONGITUDE 123°30'52" WEST, OF -02°08'16" WAS USED TO GET TO TRUE BEARINGS.

---FOR CONTROL I HELD THE MONUMENTS AS NOTED. I SUBDIVIDED SECTION 21 ACCORDING TO THE MANUAL OF SURVEYING INSTRUCTIONS 1973.

---ALL REFERENCES WERE MEASURED WITH A HAND COMPASS SET AT DECLINATION 21° EAST AND A STEEL TAPE. ALL NEW BEARING TREES WERE MEASURED TO THE HEAD OF A 3' TRACK SPIKE SET IN THE BASE BLAZE OF 4 BLAZES UP THE FACE. BEARING TREE TAGS WERE PLACED AT SHOULDER HEIGHT ABOVE THE BLAZES, OR ON TOP OF THOSE BEING SUMPS.


-- BOUNDARY LINES SHOWN IN BOLD WERE MARKED WITH BLUE AND WHITE RIBBON ON LINE. TREES ON WEYERHAEUSER PROPERTY WITHIN 10' OF THE BOUNDARY LINE WERE MARKED WITH QUARTER BLAZES AT CHEST HEIGHT AND A SINGLE BLAZE AT ROOT CROWN HEIGHT FACING TOWARDS THE BOUNDARY LINE. TREES LOCATED DIRECTLY ON LINE WERE MARKED WITH TWO BLAZES AT CHEST HEIGHT AND ONE BLAZE AT ROOT CROWN HEIGHT. ON THE BOUNDARY LINE ON BOTH SIDES OF THE TREES. ON WEYERHAEUSER PROPERTY, BOUNDARY REFERENCE TAGS WERE PLACED AT APPROXIMATELY 100' INTERVALS ON TREES WITHIN 10' OF LINE.

## LEGEND

- = MONUMENT FOUND AS NOTED
- = SET A 5/8" X 30" IRON ROD WITH A Y.P.C.  
MARKED "KEENON LAND SERVICES INC."
- ( ) = RECORD SURVEY DATA
- CS = RECORD SURVEY No.
- Y.P.C. = YELLOW PLASTIC CAP
- = MONUMENT POINT No.
- x— = FENCE LINE

## REFERENCE SURVEYS

1 = CS No. B-76  
2 = CS No. 3563  
3 = CS No. 4524

<p>REGISTERED PROFESSIONAL LAND SURVEYOR</p> <p><i>Leslie G. Keenon</i></p> <p>OREGON JULY 30, 1976 LESLIE G. KEENON 1080</p> <p>RENEWAL DATE 6/30/05</p>	<p>LAND</p> <p>KEENON SERVICES</p>  <p>1224 ALDER ST. VERNONIA, OR 97064 (503) 429-6115</p>	<p>SURVEY FOR</p> <p><b>WEYERHAEUSER</b></p> <p><b>IN THE NW 1/4 OF SECTION 21,</b> <b>T4N, R4W, W.M.</b></p> <p><b>COLUMBIA COUNTY, OREGON</b></p> <p><b>SCALE 1" = 400' OCT 31, 2003</b></p>	<p>COLUMBIA COUNTY SURVEYORS OFFICE</p> <p>RECEIVED <u>12-18-03</u></p> <p>ACCEPTED <u>01-21-04</u></p>
<p>DRAWN BY: DDW</p>	<p>FIELD: MWM/TBM</p>	<p>EQUIPMENT: GTS300/TDS48    JOB No. 03-078 PLAT    PROJECT No. 03-078</p>	<p>REVISED: 10/4/03</p>

5107