

OREGON STATE PARKS & RECREATION DEPARTMENT  
SURVEY

BANKS/VERNONIA LINEAR PARK  
N.E. 1/4, N.W. 1/4, & S.W. 1/4 SECTION 18, T.4N., R.4W., W.M.  
N.W. 1/4 SECTION 19, T.4N., R.4W., W.M.  
COLUMBIA COUNTY

SCALE: 1" = 400'

DECEMBER 1992

NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO ESTABLISH AND MARK THE BOUNDARY OF A PORTION OF OREGON STATE PARKS PROPERTY. THIS PROPERTY CONSISTS OF FORMER RAILROAD RIGHT-OF-WAY LOCATED IN THE N.E. 1/4, N.W. 1/4, AND S.W. 1/4 OF SECTION 18 AND THE N.W. 1/4 OF SECTION 19, T.4N., R.4W., W.M. OF COLUMBIA COUNTY. BEARING BASIS TAKEN FROM STATE PARKS SURVEY (C.S.-B-20) DATED JULY 1990. CONTROL WAS ESTABLISHED WITH A PENTAX (PX-10 D) TOTAL STATION. THE 1927 RAILROAD RIGHT-OF-WAY AND TRACK MAP WAS USED AS THE MOST COMPETENT EVIDENCE OF DEED INTENT FOR THIS SURVEY. RECORD RAILROAD STATIONING AND CURVE DATA WERE USED TO ESTABLISH A RECORD RAILROAD CENTERLINE SHAPE, THEN WAS COMPARED TO THE PHYSICALLY EXISTING RAILROAD GRADE CENTERLINE AS FOUND BY PARKS SURVEY CREW (R. HEMMER, N. WARNICKE, AND G. CLARKE). A BEST FIT, COMBINING THIS COMPARISON WITH RECORD DEEDS AND MAP TIES TO THE SECTION CORNERS 7, 8, 17 & 18 AND 13, 18, 19 & 24 WAS OBTAINED. SECTION 18 WAS SUBDIVIDED ALONG WITH THE N.E. QUARTER OF SECTION 18. THIS WAS USED TO CALCULATE AN INTERSECT OF THE SOUTH LINE OF THE NORTH ONE-HALF OF THE N.W. QUARTER OF THE N.E. QUARTER OF SECTION 18 WITH THE BEST FIT RAILROAD CENTERLINE TO DETERMINE THE NORTHERN BOUNDARY OF THIS PORTION OF PARKS PROPERTY. A NUMBER OF FOUND MONUMENTS WERE TIED TO THE CONTROL AND OFF SETS CALCULATED FROM THE BEST FIT CENTERLINE, THE MAJORITY OF FOUND MONUMENTS AGREE CLOSELY WITH THE CENTERLINE DETERMINATION. THE IRON RODS SET ON THE RAILROAD RIGHT-OF-WAY FELL WITHIN TWO FEET OF EXISTING FENCES (VARYING FROM INSIDE TO OUTSIDE OF FENCES) EXCEPT FOR A COUPLE INSTANCES. FIELD WORK WAS CONDUCTED (PART TIME BASIS) FROM 6/16/92 TO 11/18/92. FIRST MONUMENT SET ON 11/3/92.

LEGEND

- INDICATES FOUND MONUMENT.
- ( ) INDICATES RECORD INFORMATION.

BEARING BASIS FOR THIS SURVEY FROM C.S. No. B-20, A PREVIOUS STATE PARKS SURVEY IN S.E. 1/4 SEC. 7 & N.E. 1/4 SEC. 18, T.4N., R.4W., W.M., WHICH WAS BY SOLAR OBSERVATION-LOCAL HOUR ANGLE METHOD.

ABBREVIATIONS

Ch.	CHAIN
CALC.	CALCULATED
CONC.	CONCRETE
COR.	CORNER
CS	COUNTY SURVEY
FD	FOUND
GLO	GOVERNMENT LAND OFFICE
I.	IRON
I.P.	IRON PIPE
I.R.	IRON ROD
PVMT	PAVEMENT
R.R.	RAIL ROAD
RY.	RAILWAY
STA	STATION

SHEET 1 OF 3

FD. 1" I.P. INSIDE RUSTED 1 1/2" I.P. & 1" I.P. 3' ABOVE GROUND. VAR. 20° E.  
FD. 1" ALDER S 25° W. - 16.1' TO CENTER, WITH BLAZE & COR. TAG.  
FD. 34" FIR S 14° W. - 52.8' TO CENTER, WITH BLAZE & COR. TAG.  
FD. ROTTED STUMP S 33° E. - 19.0' TO CENTER.

(R.R. MAP, 854.6')  
847.56'  
S. 89° 26' 30" E.

1417.77'  
(CS-3250, S. 89° 27' 29" E. - 1418.22')  
(CS-3491, S. 89° 27' 17" E. - 1418.32')  
(GLO, N. 89° 52' E. - 42.91 ch.)

FD. 3/4" SQ. I. BAR 1.0' ABOVE GROUND. VAR. 20° E.  
FD. 13" HEMLOCK S 77° E. - 22.5' TO CENTER WITH BLAZE & COR. TAG.  
FD. 19" D. FIR S 30° W. - 34.7' TO CENTER WITH BLAZE & COR. TAG.  
FD. 16" D. FIR N 82° W. - 16.3' TO CENTER WITH BLAZE.

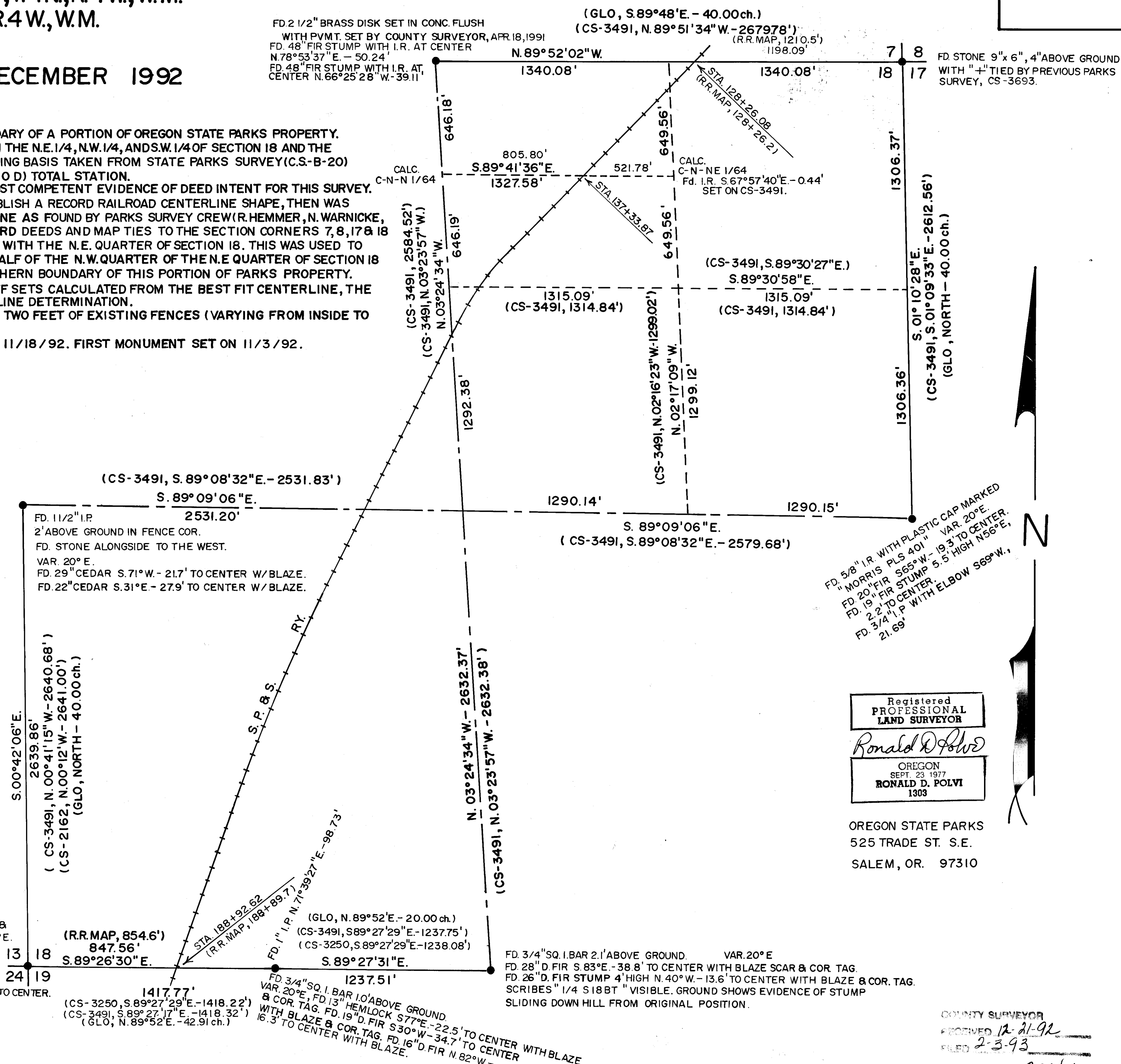
FD. 3/4" SQ. I. BAR 2.1' ABOVE GROUND. VAR. 20° E.  
FD. 28" D. FIR S 83° E. - 38.8' TO CENTER WITH BLAZE SCAR & COR. TAG.  
FD. 26" D. FIR STUMP 4' HIGH N. 40° W. - 13.6' TO CENTER WITH BLAZE & COR. TAG.  
SCRIBES "1/4 S 18 BT" VISIBLE. GROUND SHOWS EVIDENCE OF STUMP SLIDING DOWN HILL FROM ORIGINAL POSITION.

Registered  
PROFESSIONAL  
LAND SURVEYOR  
*Ronald D. Polvi*  
OREGON  
SEPT. 23 1977  
RONALD D. POLVI  
1303

OREGON STATE PARKS  
525 TRADE ST. S.E.  
SALEM, OR. 97310

COUNTY SURVEYOR  
RECEIVED 12-21-92  
FILED 2-3-93

3824-1

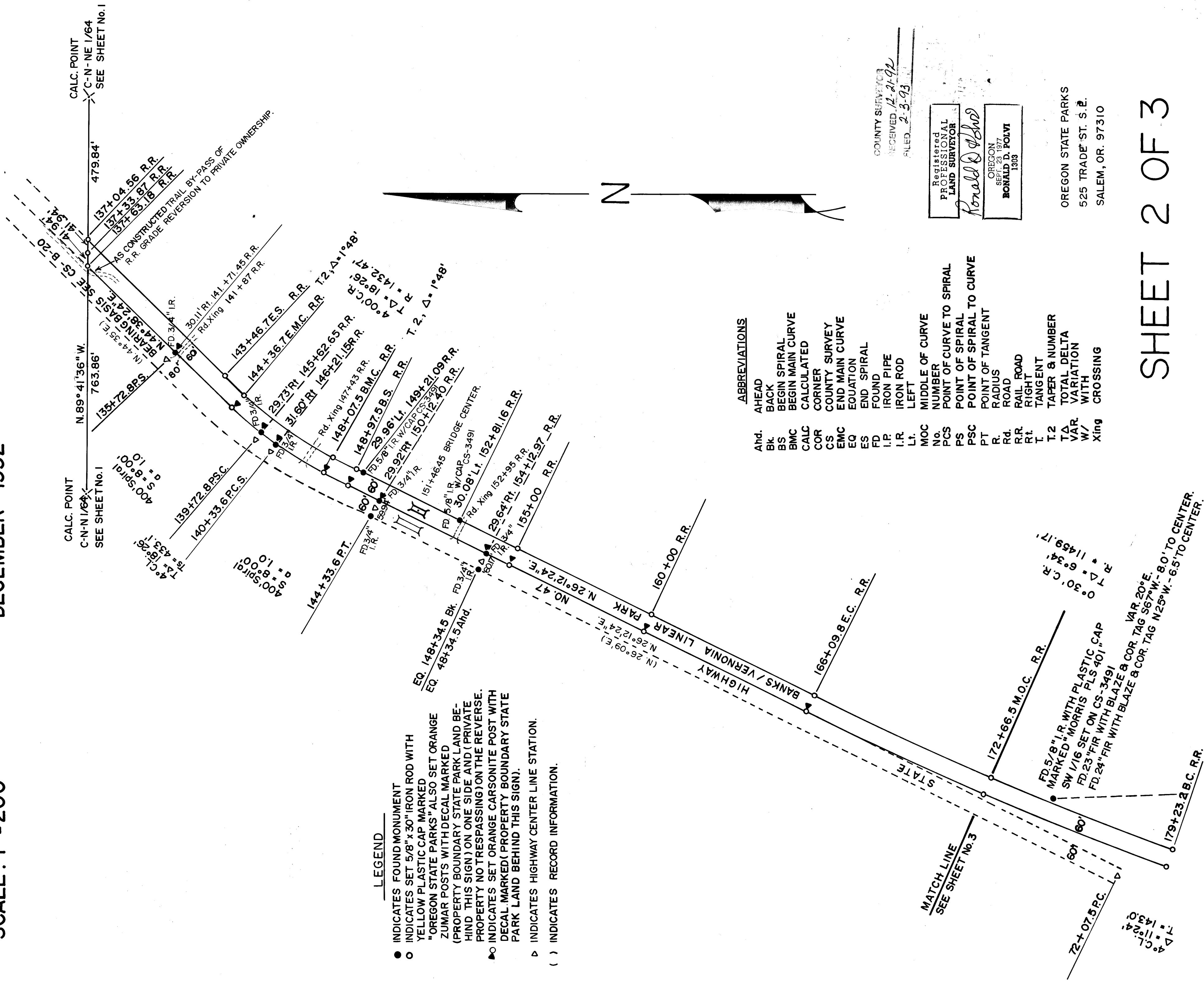


OREGON STATE PARKS & RECREATION DEPARTMENT  
SURVEY

BANKS/VERNONIA LINEAR PARK  
N.E.1/4, N.W.1/4, & S.W.1/4 SECTION 18, T.4N., R.4W., W.M.  
N.W.1/4 SECTION 19, T.4N., R.4W., W.M.

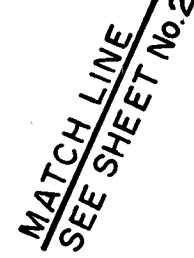
COLUMBIA COUNTY

SCALE: 1" = 200' DECEMBER 1992



- INDICATES FOUND MONUMENT
- INDICATES SET 5/8"x30" IRON ROD WITH YELLOW PLASTIC CAP MARKED "OREGON STATE PARKS" ALSO SET ORANGE ZUMAR POSTS WITH DECAL MARKED (PROPERTY BOUNDARY STATE PARK LAND BEHIND THIS SIGN) ON ONE SIDE AND (PRIVATE PROPERTY NOT TRESPASSING) ON THE REVERSE.
- ◐ ○ INDICATES SET ORANGE CARSONITE POST WITH DECAL MARKED (PROPERTY BOUNDARY STATE PARK LAND BEHIND THIS SIGN).
- ▷ INDICATES HIGHWAY CENTER-LINE STATION.
- ( ) INDICATES RECORD INFORMATION.

( ) INDICATES RECORD INFORMATION.



Registered  
PROFESSIONAL  
LAND SURVEYOR

Ronald D Johns

OREGON  
SEPT. 23 1977  
RONALD D. POLVI  
1303

OREGON STATE PARKS

525 TRADE ST. S. E.

SALEM, OR. 97310

# OREGON STATE PARKS & RECREATION DEPARTMENT SURVEY

BANKS/VERNONIA LINEAR PARK  
N.E.1/4, N.W.1/4, & S.W.1/4 SECTION 18, T.4N., R.4W., W.M.  
N.W.1/4 SECTION 19, T.4N., R.4W., W.M.

**COLUMBIA COUNTY**

**SCALE: 1"=200'**

DECEMBER 1992

SHEET 3 OF 3

3824-2