

BASIS OF BEARING:
 LOLO PASS CADASTRAL OF 1992,
 COUNTY SURVEYOR No. 93001.

TERRA SURVEY FIELD BOOKS No. 1
 1 THROUGH 5 ARE MADE A PART OF
 THIS PLAT.

SURVEY LOCATION:
 EAST ONE HALF OF SECTION 13
 AND SECTION 24 OF TOWNSHIP 1
 SOUTH, RANGE 8 EAST, W.M., HOOD
 RIVER COUNTY, OR.

LEGEND:

- SET 3 1/4" ALUMINUM CAP ON A 30" ALUMINUM PIPE WITH A MAGNET INSIDE THE PIPE.
- CALCULATED CORNER, NOT SET OR FOUND.
- ⊕ FOUND MONUMENT. SEE CORNER INFORMATION ON PAGE 2.
- ④ CORNER NUMBER REFERRED TO ON PAGE 2.
- x ROAD CROSSING SIGN
- POSTED LINE

BOOK & PAGE REFERS TO TERRA SURVEYING SURVEY FIELD BOOKS FOR THIS PROJECT.
 ALL PROPERTY LINES BETWEEN LONGVIEW FIBRE & U.S.D.A. FOREST SERVICE HAVE BEEN POSTED WITH 6" POLYMER POSTS, BLUE PAINTED FIBRE TREES, & RED & WHITE RIBBON ON THE TRUE LINE.

CERTIFICATE OF SURVEY:

I, ROY O. GAYLORD, A REGISTERED LAND SURVEYOR IN THE STATE OF OREGON, HEREBY CERTIFY THAT THIS PLAT AND THE NOTES HEREON, OR ATTACHED, ARE A CORRECT REPRESENTATION OF A SURVEY I PERFORMED FROM JULY TO OCTOBER, 1993, FOR THE U.S.D.A. FOREST SERVICE AND LONGVIEW FIBRE CO., IN ACCORDANCE WITH THE STATUTES OF THE STATE OF OREGON AND WITH THE ARTICLES OF MY CONTRACT.

Roy O. Gaylord
 ROY O. GAYLORD PL# 1815

REFERENCES:

- GLO PLAT SURVEYED BY SAMUEL W. LACKLAND IN 1885 & APPROVED JULY 30, 1885.
- GLO PLAT SURVEYED BY LEONARD CARTER AUGUST 15, 1940 THRU SEPTEMBER 30, 1941, & APPROVED FEBRUARY 18, 1952.
- RIG-LOLO CADASTRAL SURVEY BY TERRA SURVEYING DATED 12/1987.
- LOLO PASS CADASTRAL SURVEY BY TERRA SURVEYING, C.S. No. 93001
- EXAMINED AND ACCEPTED FOR THE U.S.D.A. FOREST SERVICE THIS DAY OF _____, 1993.

C.O.R.

I CERTIFY THAT THIS SURVEY WAS PERFORMED AT THE REQUEST OF THE NATIONAL FOREST SUPERVISOR.

FILED

SIGNATURE DATE

SEP 4 2002

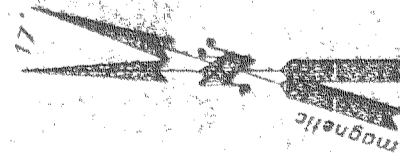
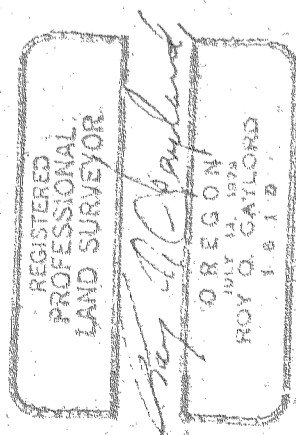
93114

TERRA SURVEYING

DATE: OCTOBER, 1993
 SCALE: 1" = 600'
 PROJECT: #9304

WEST FORK CADASTRAL SURVEY
 for
 LONGVIEW FIBRE CO. & U.S.D.A. FOREST SERVICE

P.O. BOX 617
 HOOD RIVER, OR. 97031
 PHONE & FAX (503) 386-4531



SURVEYED BETWEEN
 JULY & NOVEMBER, 1993.

① J-23 FOUND 2 1/2" BRASS CAP SET BY RESURVEY DATED 2/18/1952. CAP WAS STAMPED:
 1/4 S 12
 S 13 1940
 NO ORIGINAL BT'S WERE SCRIBED.
 MARKED:
 16" DOUG FIR BEARS S 50 W @ 13.65'
 SCRIBED S13 1/4 BT.
 17" DOUG FIR BEARS N 36 1/2 E @ 23.8'
 SCRIBED S12 1/4 BT.

② J-25 FOUND 2 1/2" BRASS CAP SET BY RESURVEY DATED 2/18/1952. CAP WAS STAMPED:
 S 12 R81/2E
 S 13 S 11 R8E 1940
 ORIGINAL BEARING TREES.
 FOUND 38" DOUG FIR BEARS S 871/2 W 153.8'.
 FOUND STUMP BEARS N 60 W @ 25.0'.
 BLAZING SCARS VISIBLE.
 WE MARKED:
 12" HEMLOCK BEARS N 34 W @ 75.2'
 SCRIBED T1S R8E S12 BT.
 10" DOUG FIR BEARS N61 1/2 E @ 14.6'
 SCRIBED T1S R81/2E S11 BT
 10" ALDER BEARS S 81 1/2 W @ 6.3'
 SCRIBED T1S R8E S13 BT.

③ J-17 FOUND 2 1/2" BRASS CAP SET BY RESURVEY DATED 2/18/1952. CAP WAS STAMPED:
 T1S T1S
 R8E S14 CC
 S13 R81/2E 1940
 NO ORIGINAL BT'S WERE SCRIBED. FOUND MOUND EAST OF & AROUND MONUMENT.
 MARKED:
 9" DOUG FIR BEARS N 13 1/2 W @ 18.2'
 SCRIBED T1S R8E S13 BT.
 13" DOUG FIR BEARS N 74 1/2 E @ 14.5'
 SCRIBED T1S R81/2 E S11 CC BT.
 10" DOUG FIR BEARS S 64 E @ 18.3'
 SCRIBED T1S R 81/2 E S14 CC BT.

④ L-21 FOUND 2 1/2" BRASS CAP SET BY RESURVEY DATED 2/18/1952. CAP WAS STAMPED:
 1/4 S14 S13 1940
 ORIGINAL BEARING TREES.
 48" DOUG FIR STUMP BEARS N 83 E @ 53.5'
 WOOD & BARK SCARRING VISIBLE.
 11" DOUG FIR STUMP BEARS S43 E @ 23.1'
 WOOD & BARK SCARRING VISIBLE.
 WE MARKED:
 7" DOUG FIR BEARS N 711/2 W @ 12.4'
 SCRIBED S14 1/4 BT.
 7" DOUG FIR BEARS S 61/2 E @ 3.75'
 SCRIBED S13 1/4 BT.

⑤ L-23 SET 31/2" ALUMINUM CAP ON A 30" ALUMINUM PIPE WITH A MAGNET UNDER THE PIPE. CAP IS STAMPED:
 T1S C1/4 R8E
 S13 1993
 PLS 1815
 MONUMENTATION FOUND:
 NONE.
 WE MARKED:
 16" DOUG FIR BEARS N 5 W @ 45.5'
 SCRIBED C1/4 S13 BT.
 16" DOUG FIR BEARS N 80 W @ 4.7'
 SCRIBED C1/4 S13 BT.

⑥ L-25 FOUND 2 1/2" BRASS CAP SET BY RESURVEY DATED 2/18/1952. CAP WAS STAMPED:
 1/4 S13 1940
 ORIGINAL BEARING TREES.
 FOUND ORIGINAL MOUND OF STONE DUE WEST OF CORNER. MOUND 4' X 3' X 3'.
 WE RAISED:
 3' X 2' X 2' MOUND BEARS N 35 E @ 11.0'.
 3' X 3' X 4' MOUND BEARS S 61/2 W @ 15.3'.
 NO OTHER BEARING OBJECTS WERE AVAILABLE TO SET OR MARK.

⑨ FOUND 2 1/2" BRASS CAP SET BY RESURVEY DATED 2/18/1952. CAP WAS STAMPED:
 T1S T1S
 S13 S14
 S24 R8E R81/2E 1940
 ORIGINAL BEARING TREES.
 NO GLO BEARING TREES WERE MARKED BUT FOUND MOUND OF STONE DUE WEST OF CORNER.
 WE MARKED:
 14" CEDAR BEARS N 391/2 W @ 36.2'
 SCRIBED T1S R8E S13 BT.
 10" ALDER BEARS S 241/2 W @ 35.9'
 SCRIBED T1S R8E S24 BT.
 10" HEMLOCK BEARS S 211/4 E @ 40.0'
 SCRIBED T1S R81/2E S14 BT.

⑩ O-23 SET 31/2" ALUMINUM CAP ON A 30" ALUMINUM PIPE WITH A MAGNET UNDER THE PIPE. CAP IS STAMPED:
 T1S C R8E
 N1/16 S24 C 1993
 PLS 1815
 MONUMENTATION FOUND:
 NONE.
 WE SET:
 5/8" X 30" IRON ROD WITH RED PLASTIC CAP STAMPED LS 1815 & TERRA SET EAST ON LINE @ 20.00'.
 5/8" X 30" IRON ROD WITH RED PLASTIC CAP STAMPED LS 1815 & TERRA SET SOUTH ON LINE @ 20.00'.
 MOUND OF STONE WAS SET AROUND THE MONUMENT.

⑪ O-25 SET 31/2" ALUMINUM CAP ON A 30" ALUMINUM PIPE WITH A MAGNET UNDER THE PIPE. CAP IS STAMPED:
 T1S R8E
 N1/16 S24 1993
 PLS 1815
 MONUMENTATION FOUND:
 NONE.
 WE MARKED:
 15" DOUG FIR BEARS N 31 E @ 7.5'
 SCRIBED T1S R81/2E S23 BT.
 18" DOUG FIR BEARS N90 W @ 43.1'
 SCRIBED N1/16 S24 BT.
 MONUMENT SET IN LARGE STONE MOUND.

⑫ P-22 SET 31/2" ALUMINUM CAP ON A 30" ALUMINUM PIPE WITH A MAGNET UNDER THE PIPE. CAP IS STAMPED:
 T1S R8E
 CW1/16 S24 1993
 PLS 1815
 MONUMENTATION FOUND:
 NONE.
 WE MARKED:
 12" DOUG FIR BEARS S 13/4E @ 12.1'
 SCRIBED CW1/16 S24 WC BT WITH 'X' ABOVE BLAZING RAILROAD SPIKE SET IN ASPHALT OF LOLO PASS ROAD BEARS S 88 W @ 27.63' WITH 'X' ON TOP.
 MONUMENT SET IN LARGE STONE MOUND.

⑬ P-23 SET 31/2" ALUMINUM CAP ON A 30" ALUMINUM PIPE WITH A MAGNET UNDER THE PIPE. CAP IS STAMPED:
 T1S C1/4 R8E
 S24 1993
 PLS 1815
 MONUMENTATION FOUND:
 NONE.
 WE MARKED:
 15" DOUG FIR BEARS N 293/4 W @ 58.6'
 SCRIBED C1/4 S24 BT.
 10" DOUG FIR BEARS S 711/2 W @ 13.0'
 SCRIBED C1/4 S24 BT.
 MONUMENT SET IN LARGE STONE MOUND.

⑭ P-25 FOUND 2 1/2" BRASS CAP SET BY RESURVEY DATED 2/18/1952. CAP WAS STAMPED:
 1/4 S24 1940
 NO ORIGINAL BT'S WERE SCRIBED. FOUND STONES AROUND THE MONUMENT.
 WE MARKED:
 12" DOUG FIR BEARS N 651/2 E @ 17.8'
 SCRIBED T1S R81/2E S23 BT.
 14" DOUG FIR BEARS S71/2 W @ 25.1'
 SCRIBED T1S R8E S24 1/4 BT
 SET MORE STONES AROUND MONUMENT.

⑮ FOUND 2 1/2" BRASS CAP SET BY RESURVEY DATED 2/18/1952. CAP WAS STAMPED:
 1/4 S23 1940
 NO ORIGINAL BT'S WERE SCRIBED. FOUND RAISED MOUND OF STONE 3.5' EAST OF CORNER.
 WE MARKED:
 17" DOUG FIR BEARS S 801/2 E @ 13.4'
 SCRIBED T1S R81/2E S23 1/4 BT.
 18" DOUG FIR BEARS S 18 W @ 5.0'
 SCRIBED T1S R8E S24 BT.
 SET MORE STONE AROUND MONUMENT.

NOTE:
 ALL MONUMENTS SET AND MAINTAINED HAVE A 6" RED PAINTED BAND AROUND EACH BEARING TREE. AN "ATTENTION" OR "SURVEY MARKER" ALUMINUM SIGN WAS PLACED ON EACH BEARING STUMP OR TREE AWAY FROM THE CORNER. AN ALUMINUM BEARING TREE TAG WAS PLACED ON EACH BEARING STUMP OR TREE FACING THE CORNER ABOVE THE BLAZE AND BELOW THE RED BAND. A WASHER WAS PLACED BETWEEN THE B & THE T ON EACH BLAZED TREE. A 6" RED POLYMER POST WITH A SURVEY MARKER SIGN WAS PLACED BY EACH CORNER.

SURVEY LOCATION:
 EAST ONE HALF OF SECTION 13
 AND SECTION 24 OF TOWNSHIP 1
 SOUTH, RANGE 8 EAST, W.M., HOOD
 RIVER COUNTY, OR.

REFERENCES:
 GLO PLAT SURVEYED BY SAMUEL W.
 LACKLAND IN 1885 & APPROVED
 JULY 30, 1885.

GLO PLAT SURVEYED BY LEONARD
 CARTER AUGUST 15, 1940 THRU
 SEPTEMBER 30, 1941, & APPROVED
 FEBRUARY 18, 1952.
 RIG-LOLO CADASTRAL SURVEY BY
 TERRA SURVEYING DATED 12/1987.

LOLO PASS CADASTRAL SURVEY BY
 TERRA SURVEYING. C.S. No. 93001

COUNTY SURVEYOR'S No. 9900T99114
 TERRA SURVEYING
 DATE: OCTOBER, 1993
 SCALE: 1" = 600'
 PROJECT: #9304

FILED

SEP 4 2002
 Terra Surveys
 COUNTY SURVEYOR

WEST FORK CADASTRAL SURVEY
 for
 LONGVIEW FIBRE CO. & U.S.D.A. FOREST SERVICE

R-19 SET 21/2" ALUMINUM CAP ON 30" ALUMINUM PIPE WITH A MAGNET INSIDE THE PIPE.

CAP IS STAMPED
 115 RBE

MONUMENTATION FOUND:
 NONE.
 WE MARKED:
 12" HEMLOCK BEARS N 703/4 E @ 16.0'
 SCRIBED S23 1/4 BT.
 16" DOUG FIR BEARS S 101/2 E @ 13.7'
 SCRIBED S25 1/4 BT.
 BUILT MOUND OF STONE BY & AROUND MONUMENT.

THIS CORNER WAS SET AT THE SINGLE PROPORTIONED DISTANCE CALCULATED FOR THE LOLO PASS CADASTRAL SURVEY. IT WAS SET DURING THE COURSE OF THIS CADASTRAL SURVEY.

T-21 SET 21/2" ALUMINUM CAP ON 30" ALUMINUM PIPE WITH A MAGNET INSIDE THE PIPE.

CAP IS STAMPED
 115 1/4 RBE

MONUMENTATION FOUND:
 NONE.
 WE MARKED:
 18" CEDAR BEARS S 631/4 E @ 40.6'
 SCRIBED T15 R8E S25 1/4 BT.
 20" CEDAR BEARS S 11 W @ 7.2'
 SCRIBED S26 1/4 BT.
 BUILT MOUND OF STONE BY & AROUND MONUMENT.

THIS CORNER WAS SET AT THE SINGLE PROPORTIONED DISTANCE CALCULATED FOR THE LOLO PASS CADASTRAL SURVEY. IT WAS SET DURING THE COURSE OF THIS CADASTRAL SURVEY.

NOTE:
 CORNERS N-22, N-23, & R-25 WERE VISITED AND USED DURING THE COURSE OF THIS SURVEY. THE MEANDER CORNER OF N-22 AND THE ACTUAL CORNER OF N-23 & R-25 WERE FOUND TO BE IN VERY GOOD SHAPE. ALL ACCESSORIES WERE FOUND TO BE PRESENT SO DID NOT FILL OUT NEW CORNER CARDS OR INCLUDE THEM ON THIS SHEET.

NARRATIVE:

SECTION 24 AND THE SOUTH ONE HALF OF SECTION 13 WERE ORIGINALLY SURVEYED BY SAMUAL W. LACKLAND AND APPROVED JULY 30, 1885. THE BLM CONDUCTED A DEPENDENT RESURVEY OF SECTION 13 BY LEONARD CARTER IN 1940 & 1941 BEING APPROVED FEBRUARY 18, 1952. ALSO, NOT SHOW ON HIS OFFICIAL PLAT BUT INDICATED IN HIS FIELD NOTES IS THE RETRACEMENT OF THE RANGE LINE BETWEEN RANGE 8 AND 8 1/2 EAST. THE U.S. FOREST SERVICE AND BONNEVILLE POWER ADMINISTRATION HELPED TO PERPETUATE THE SET CORNERS OF THESE TWO SECTIONS, EVEN THOUGH LOGGING AND FIRES HAD TAKEN PLACE OVER THE YEARS FROM 1940.

THE 1885 APPROVED PLAT INDICATES THE SOUTH 1/2 OF SECTION 13 WOULD CONTAIN 320 ACRES AS IN A NORMAL SECTION. THE 1952 APPROVED PLAT INDICATES THE SECTION 13 MID POINT WAS TO BE ESTABLISHED BY INTERSECTING EAST-WEST AND NORTH-SOUTH LINES. BY USING THE 1952 PLAT, A CHECK WAS MADE BETWEEN THE QUATRAIR CORNERS AND THE INTERSECTION POINT OF THE STRAIGHT LINES. THE FOLLOWING COMPARISONS WERE MADE.

QUATRAIR CORNER TO INTERSECTION	1885 METHOD	1952 METHOD
SOUTH QUARTER TO INTERSECT	2,640.00	2,678.97
NORTH QUARTER TO INTERSECT	NONE	2,678.97
EAST QUARTER TO INTERSECT	2,640.00	2,710.15
WEST QUARTER TO INTERSECT	2,640.00	2,584.49

IT WAS FOUND THAT A DISCREPANCY EXISTED BETWEEN THE TWO CENTER OF SECTIONS, STRAIGHT LINES & MID-POINT.

I CHOSE THE INTERSECTING LINES METHOD FOR TWO REASONS. FIRST, THE 1885 PLAT USED INTERSECTING LINES FOR SECTIONS WITHIN THE PLAT WHICH REQUIRED LOTTING. SECOND, THE 1952 PLAT USED THE INTERSECTING LINES METHOD TO LOT THE NORTHWEST QUARTER OF THE SECTION. NO PHYSICAL EVIDENCE WAS FOUND IN THE FIELD TO CONTRADICT THIS DECISION.

TWO 1940 MONUMENTS WERE FOUND ON THE RANGE LINE WHICH WERE OBVIOUSLY SET BY MR. CARTER. I MAINTAINED THEM AS A PART OF THIS SURVEY. HOWEVER, I MADE NO ATTEMPT TO DETERMINE THEIR EXACT EAST-WEST OR NORTH-SOUTH POSITION IN RELATION TO SURVEYED CORNERS AFFECTING SECTIONS 13 AND 24, RANGE 8 EAST.

NO OTHER DISCREPANCIES OR UNUSUAL CONDITIONS WERE FOUND DURING THE COURSE OF THIS SURVEY.

THE EQUIPMENT USED DURING THIS SURVEY WAS A TOPCON ITS-1B TOTAL STATION, 5 SECOND INSTRUMENT. A TOPCON GTS-100 GUPPY, 5 SECOND INSTRUMENT. A WILD T-2 WITH A WILD DISTANCE METER OPERATED BY THE COUNTY SURVEYOR. HEWLETT-PACKARD 3800 DISTANCE METER.

THE PURPOSE OF THIS SURVEY WAS TO MONUMENT, MARK AND FLAG THE PROPERTY LINES DIVIDING THE U.S. FOREST SERVICE AND LONGVIEW FIBRE COMPANY FOR LOGGING PURPOSES.

THE FIELD SURVEY TOOK PLACE BETWEEN JULY AND NOVEMBER, 1993. ALL FIELD WORK IS RECORDED IN FIELD BOOKS 1 THROUGH 5 AND CONTAINED WITHIN THE RAW DATA PRINTOUTS FROM THE DATA COLLECTOR OF THE TOPCON ITS-1B.

Q-22

SET 31/2" ALUMINUM CAP ON A 30" ALUMINUM PIPE WITH A MAGNET UNDER THE PIPE.

CAP IS STAMPED
 115 RBE

MONUMENTATION FOUND:
 NONE.
 WE SET:
 5/8" X 30" IRON ROD ON LINE EAST @ 15.00'
 WITH RED PLASTIC CAP.
 5/8" X 30" IRON ROD NORTH ON LINE @ 15.00'
 WITH RED PLASTIC CAP.
 STONE MOUND WAS SET AROUND THE MONUMENT.

Q-23

SET 31/2" ALUMINUM CAP ON A 30" ALUMINUM PIPE WITH A MAGNET UNDER THE PIPE.

CAP IS STAMPED
 115 C RBE

MONUMENTATION FOUND:
 NONE.
 WE SET:
 7" DOUG FIR BEARS N 411/4 E @ 15.6'
 SCRIBED CS1/16 S24 BT.
 10" DOUG FIR BEARS N 501/2 W @ 18.9'
 SCRIBED CS1/16 S24 BT.
 MONUMENT SET IN LARGE STONE MOUND, (2' X 2' X 1 1/2').

NOTE:
 ALL MONUMENTS SET AND MAINTAINED HAVE A 6" RED PAINTED BAND AROUND EACH BEARING TREE. AN "ATTENTION" OR "SURVEY MARKER" ALUMINUM SIGN WAS PLACED ON EACH BEARING STUMP OR TREE AWAY FROM THE CORNER. AN ALUMINUM BEARING TREE TAG WAS PLACED ON EACH BEARING STUMP OR TREE FACING THE CORNER ABOVE THE BLAZE AND BELOW THE RED BAND. A WASHER WAS PLACED BETWEEN THE B & THE T ON EACH BLAZED TREE. A 6" RED POLYMER POST WITH A SURVEY MARKER SIGN WAS PLACED BY EACH CORNER. A STONE MOUND &/OR STONES WERE PLACED AROUND AND ALONG SIDE EACH MONUMENT FOUND OR MAINTAINED.

SURVEY LOCATION:

EAST ONE HALF OF SECTION 13 AND SECTION 24 OF TOWNSHIP 1 SOUTH, RANGE 8 EAST, W.M., HOOD RIVER COUNTY, OR.

REFERENCES:

- GLO PLAT SURVEYED BY SAMUEL W. LACKLAND IN 1885 & APPROVED JULY 30, 1885.
- GLO PLAT SURVEYED BY LEONARD CARTER AUGUST 15, 1940 THRU SEPTEMBER 30, 1941, & APPROVED FEBRUARY 18, 1952.
- RIG-LOLO CADASTRAL SURVEY BY COUNTY SURVEYOR No. 89025.
- LOLO PASS CADASTRAL SURVEY BY TERRA SURVEYING. C.S. No. 93001

FILED

SEP 4 2002

Reid T. Lutz
 COUNTY CLERK

TERRA SURVEYING

DATE: OCTOBER, 1993
 SCALE: 1" = 500'
 PROJECT: #9304

P.O. BOX 617
 HOOD RIVER, OR. 97031

PHONE & FAX (503) 386-4531
 PAGE 3 of 3

WEST FORK CADASTRAL SURVEY
 for
 LONGVIEW FIBRE CO. & U.S.D.A. FOREST SERVICE