

# RECORD OF SURVEY FOR LONGVIEW FIBRE COMPANY IN SECTION 36 T5N R5W, W.M. COLUMBIA COUNTY, OREGON



## BASIS OF BEARING

NAD 83(91) STATE PLANE COORDINATE SYSTEM OREGON  
NORTH ZONE 3601- BASED ON COLUMBIA COUNTY  
CONTROL POINTS "KEASEY" LAT. 45°52'53.36213" LONG.  
123°17'07.20874" AND "VERNONIA" LAT. 45°51'25.28188"  
LONG. 123°10'24.80441"









SCALE: 1"=500'

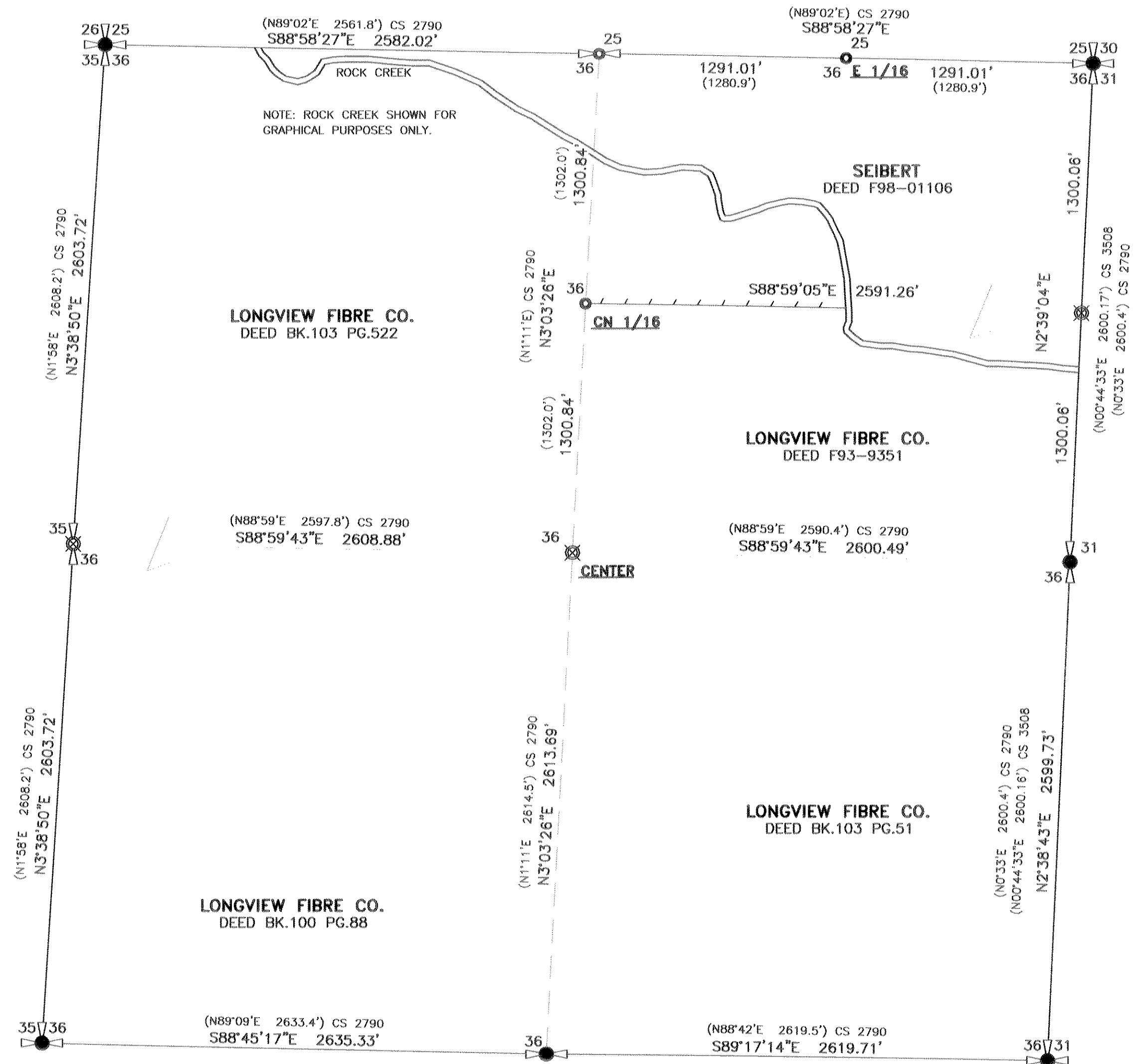
GRID DISTANCES SHOWN

COMBINED FACTOR = .999933286 = CF

GROUND DISTANCES =  $\frac{\text{GRID DISTANCES}}{\text{CF}}$

## LEGEND

-  SECTION CORNER
-  QUARTER CORNER (SEE PAGE 2 FOR CORNER INFORMATION)
-  FOUND MONUMENT
-  CALCULATED POSITION
-  SET MONUMENT (FIRST SET 9-20-06)
-  LINE MARKED WITH 1/2" x 72" FIBERGLASS RODS WITH RED AND WHITE FLAGGING BETWEEN RODS. TREES ALONG LINE PAINTED WITH BLUE PAINT
- CS COUNTY SURVEY
- ( ) RECORD BEARING AND/OR DISTANCE, AS NOTED



THIS MAP CORRECTLY REPRESENTS A SURVEY MADE UNDER MY DIRECTION AT THE REQUEST OF LONGVIEW FIBRE COMPANY IN JAN. 2006.

NATHAN A. WOODWARD, PLS  
CERTIFICATE NO. 65624LS

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REGISTERED  
PROFESSIONAL  
LAND SURVEYOR  
*Nathan A. Woodward*  
OREGON  
JULY 12, 2005  
NATHAN A. WOODWARD  
65624LS  
EXPIRATION DATE: 6/30/08

DRAWN BY: NATHAN WOODWARD

DRAWING DATE: 9-27-06

# RECORD OF SURVEY FOR LONGVIEW FIBRE COMPANY IN SECTION 36 T5N R5W, W.M. COLUMBIA COUNTY, OREGON

## NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO LOCATE AND MARK LONGVIEW FIBRE OWNERSHIP IN THE NORTHEAST QUARTER OF SECTION 36, TOWNSHIP 5 NORTH, RANGE 5 WEST W.M.

GPS CONTROL WAS ESTABLISHED IN SECTION 36 USING LEICA 1200 SERIES RECEIVERS. GPS CONTROL WAS SET NEAR THE SOUTH, EAST AND NORTH QUARTER CORNERS THE NORTHEAST, NORTHWEST AND CENTER SECTION CORNERS. THE SOUTHEAST AND THE SOUTHWEST SECTION CORNERS WERE TIED DIRECTLY WITH THE GPS RECEIVER. PROJECT CONTROL WAS BASED ON COLUMBIA COUNTY CONTROL POINTS "KEASEY" AND "VERNONIA". A CLOSED TRAVERSE WAS RUN FROM GPS CONTROL TYING THE NORTHEAST SECTION CORNER AND THE NORTH QUARTER CORNER. CLOSED TRAVERSES WERE RUN FROM GPS CONTROL TYING THE SOUTH QUARTER CORNER, NORTHWEST SECTION CORNER AND THE EAST QUARTER. A CLOSED TRAVERSE WAS RUN FROM GPS CONTROL TO THE NORTH SIXTEENTH, THENCE EAST TO ROCK CREEK ALONG THE SIXTEENTH LINE, THENCE SOUTHWEST ALONG A SKID ROAD CLOSING ON GPS CONTROL. TRAVERSES WERE RUN USING A LEICA TC1105 TOTAL STATION.

THE NORTHWEST SECTION CORNER, A 1/2" IRON PIPE WAS FOUND IN A 1948 LONGVIEW FIBRE SURVEY IN WHICH THEY NOTE THE CORNER AS ORIGINAL AND ASSUMED THE PIPE WAS SET BY ERICKSEN. WE HAVE NO CORNER RECORDS OF ERICKSEN SETTING THE 1/2" IRON PIPE. THERE ARE TWO 40" FIR STUMPS THAT HAVE AXING ON THEM. THE FIR IN THE SE QUADRANT MEASURES S60°E AT 6.23' FROM THE FACE AND GLO IS S40°E AT 9 LNKS AND THE 40" FIR IN THE SW QUADRANT MEASURES S22°W AT 22.2' FROM THE FACE AND GLO IS S10°W AT 33 LNKS. IN MY OPINION THE BEARINGS AND DISTANCES ARE A LITTLE LOOSE FOR THE PIPE TO HAVE BEEN SET FROM THESE TWO TREES ONLY. I ACCEPTED AND REPLACED THE 1/2" IRON PIPE BASED ON THE FACT THEY HAD MORE EVIDENCE IN 1948.

THE NORTH QUARTER CORNER OF SECTION 36 WAS SET BY LONGVIEW FIBRE IN 1950 AT THE PROPORTIONATE POSITION, BASED ON A COMPASS SURVEY BETWEEN THE CONTROLLING SECTION CORNERS. IN 1972 CS 2790 LONGVIEW FIBRE USED THE NORTH QUARTER TO CALCULATE THE NORTHWEST SECTION CORNER AND FROM THE NORTHWEST THEY CALCULATED THE WEST QUARTER AND SUBDIVIDED THE SECTION. IN THIS SURVEY WE FOUND THE 1950 NORTH QUARTER TO BE N83°16'11"E AT 20.1' FROM OUR PROPORTIONATE POSITION, THEREFORE I SET THE QUARTER CORNER.

THE SOUTHWEST STANDARD SECTION CORNER SECTION 36 WAS REESTABLISHED IN 1904 BY G. HOLT AND B.F. DURSLOW (NOT SURE OF THE NAMES) AS PER BEARING TREE BOOK A PG. 366 THEY FOUND ORIGINAL BT'S AND ADDED TWO NEW HEMLOCKS. IN 1948 AS PER BT BOOK B PG. 164, O.R. MILLER SET AN IRON PIPE FROM THE REFERENCES SET IN 1904. I FOUND A BENT STAINLESS STEEL PIPE AND TWO FIR HIGH STUMPS WITH VISIBLE HEALED FACES SET IN BT BOOK B PG. 164. I ACCEPTED THE POSITION AND DROVE A 3/4" IRON PIPE WITH A 2" BRASS CAP ALONGSIDE THE BENT PIPE AND ADDED SPIKES AND TAGS TO THE EXISTING REFERENCES SINCE THE CORNER IS SURROUNDED BY YOUNG REPROD.

THE STANDARD SOUTH QUARTER CORNER SECTION 36 WAS ORIGINALLY SET IN 1872 FROM WHICH TWO CEDAR BT'S WERE SET. IN 1948 LONGVIEW FIBRE AS PER BT BOOK LF PG. 35 SET THE QUARTER CORNER 38.9 FEET WEST OF THE CLOSING QUARTER CORNER. THEY SAY THIS POSITION FITS THE ORIGINAL CEDAR BEARING TREES SET IN A 1904 RESURVEY BY O.C. HOLT AND ARTHUR JOHNSON, THEY THEN ADD A 8" FIR N7°E AT 23.8'. I HAVE NO RECORD OF A RESURVEY WERE CEDAR BEARING TREES WERE SET, NOR A RECORD OF HOLT AND JOHNSON FINDING THE ORIGINAL BEARING TREES. I BELIEVE THEY MEANT THAT HOLT AND JOHNSON FOUND THE ORIGINAL CEDAR BT'S IN 1904. I FOUND A 1 1/2" IRON PIPE BENT, A 18" CEDAR STUMP S16°E AT 21.14' TO THE CENTER (CALLED ORIGINAL IN 1948 BY FIBRE) A 8" FIR, NOW A 16" LOW STUMP WITH VISIBLE SCRIBE N4°E AT 23.17' TO THE CENTER. AND AT N49°E AT APPROX. 12' THE REMAINS OF A CEDAR SHELL DESTROYED THE LAST TIME THEY LOGGED. I BROKE THE PIPE OFF AT THE BEND AND ACCEPTED THIS POSITION AS THE STANDARD SOUTH QUARTER AND DROVE A 3/4" IRON PIPE THROUGH THE CENTER OF THE REMAINDER OF THE 1 1/2" IRON PIPE AND CAPPED IT WITH A 2" BRASS CAP. I DID NOT FIND THE CORNER EAST AT 38.9'

THE NORTHEAST SECTION CORNER OF SECTION 36 WAS FOUND IN A 1966 (CS 2357) AND WAS NOTED AS A LEAD FILLED PIPE. IN 1973 (CS 2790) LONGVIEW FIBRE NOTES A BRASS CAP. IN 1979 (CS L-1333) THE CORNER IS NOTED AS A CAPPED PIPE. IN 1986 (CS 3508) THE CORNER IS NOTED AS A 2" G.I.P. W/BRASS CAP AS PER LCR# 1. I WAS UNABLE TO LOCATE THIS LCR. COLUMBIA COUNTY LAND CORNER RECORDS (CS 463) THEY NOTE A 1" IRON PIPE WITH A 2" LEAD FILLED REDUCER. I FOUND AND HELD A 2" INSIDE DIAMETER LEAD FILLED REDUCER. THE REFERENCES ADDED OVER THE YEARS FIT THIS POSITION. I FOUND NO EVIDENCE OF A BRASS CAP.

THE EAST SIXTEENTH BETWEEN SECTIONS 25 & 36 AND THE CENTER NORTH SIXTEENTH OF SECTION 36 WERE SET BECAUSE THE EXISTING SIXTEENTH CORNERS WERE BASED ON THE OLD NORTH QUARTER CORNER THAT WAS SET FROM A 1950 FIBRE COMPASS LINE WHICH WAS NOT ACCEPTED IN THIS SURVEY

THE SOUTHEAST STANDARD SECTION CORNER WAS FOUND AND HELD BY LONGVIEW FIBRE IN 1948, THEY NOTE FINDING AN IRON PIPE THAT CHECKS TO THE BEARING TREES. IN 1973 FIBRE FINDS THE IRON PIPE, THE ORIGINAL BEARING TREES AND THE REFERENCES ADDED IN 1948 BY FIBRE. IN 1986 HAROLD J. RUSSELL IN (CS 3508) DID NOT ACCEPT THIS PIPE AND SET A STANDARD CROWN ZELLERBACH 2" MONUMENT 1.47' FROM THE IRON PIPE AS PER LCR# 4 WHICH I COULD NOT LOCATE. IF I WAS AT THIS CORNER PRIOR TO MR. RUSSELL, I WOULD HAVE ACCEPTED THE OLD PIPE. HOWEVER, I HELD THE 2" CROWN ZELLERBACH MONUMENT AS PER (CS 3508).

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE UNDER MY DIRECTION AT THE REQUEST OF LONGVIEW FIBRE COMPANY IN JAN. 2006.

NATHAN A. WOODWARD, PLS  
CERTIFICATE NO. 65624LS

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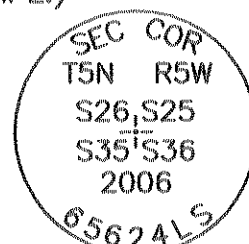
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26725  
35736

### SECTION CORNER

FOUND AND HELD 1/2" IRON PIPE REPLACED WITH A 3/4" IRON PIPE WITH 2" BRASS CAP MARKED AS SHOWN.  
FOUND REFERENCES:  
40" FIR STUMP S22°W AT 22.2'  
40" FIR HIGH STUMP S60°E AT 6.23' WITH VISIBLE AXING.  
6" STEEL FENCE POST AND FIBRE TAG DATED 1985 SOUTH AT 1.0'  
ALSO FOUND A CEDAR AND HEMLOCK USED AS REFERENCES IN 1977, BUT HAVE NO RECORD OF THEM. (SEE NARRATIVE FOR EXPLANATION ON ACCEPTING PIPE.)

NEW REFERENCES:  
45" CEDAR N55°W AT 18.15'  
SCRIBED [T5N R5W S26 BT]  
8" FIR S55°W AT 9.74'  
SCRIBED [T5N R5W S35 BT]  
9" FIR S79°E AT 1.94'  
SCRIBED [T5N R5W S36 BT]

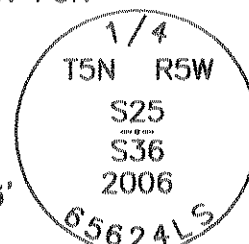


25  
36

### QUARTER CORNER

SET A 3/4" IRON PIPE WITH 2" BRASS CAP MARKED AS SHOWN. FOUND 1 1/4" STAINLESS STEEL PIPE N83°16'11"E AT 20.1' (SEE NARRATIVE FOR EXPLANATION FOR NOT ACCEPTING PIPE.)

NEW REFERENCES:  
27" FIR N48°E AT 37.85'  
SCRIBED [1/4 S25 BT]  
23" CEDAR S84°W AT 22.13'  
SCRIBED [1/4 S36 BT]  
23" CEDAR S79°E AT 30.93'  
SCRIBED [1/4 S36 BT] (NOTE: ALSO A REFERENCE FOR THE STAINLESS STEEL PIPE.)



25730  
36731

### SECTION CORNER

FOUND 1" IRON PIPE WITH 2" LEAD FILLED REDUCER .4' BELOW THE EDGE OF A GRAVEL DRIVEWAY AS PER COLUMBIA COUNTY LAND CORNER RECORD PG. NO. 463. (SEE NARRATIVE FOR EXPLANATION FOR ACCEPTING THIS MONUMENT.)

#### NOTE:

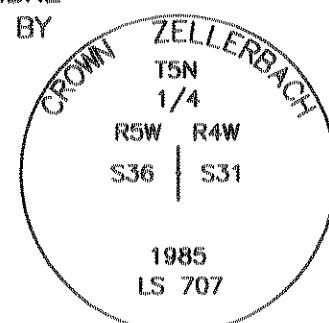
NEW REFERENCES HAVE AN 8" SPIKE AT THE BASE OF THE SCRIBE WITH A LOCATION TAG ABOVE THE SCRIBE, ALL ORIENTED TOWARD MONUMENT DISTANCES MEASURED TO SPIKE, BEARINGS TO REFERENCES TAKEN WITH HAND COMPASS HAVING A DECLINATION OF 21° EAST.

36731

### QUARTER CORNER

FOUND AND HELD 2" IRON PIPE WITH 3" CROWN ZELLERBACH BRASS CAP STAMPED AS SHOWN AND REFERENCES AS PER CS 3508. NOTE: ONLY THE SW QUADRANT REFERENCE IS STANDING AND IS NOW A 20" FIR HIGH STUMP. FOUND 1 1/4" STAINLESS STEEL PIPE AND CAP AS PER CS 2790 S3°00'57"E AT .54' DID NOT FIND ANY OF THE REFERENCES FOR THIS MONUMENT. 6" STEEL FENCE POST AND TAG REFERENCING THE FIBRE CORNER SOUTH AT 1.0' 1985 BY ALB.

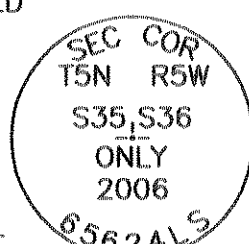
NEW REFERENCES:  
14" FIR N42°E AT 38.13'  
SCRIBED [1/4 S31 BT]  
7" CEDAR S65°W AT 17.96'  
SCRIBED [1/4 S36 BT]



35736

### SECTION CORNER

FOUND 1 1/4" STAINLESS STEEL PIPE (BENT) AS SET BY LONGVIEW FIBRE IN 1948. DROVE A 3/4" IRON PIPE WITH 2" BRASS CAP STAMPED AS SHOWN. (SEE NARRATIVE FOR EXPLANATION ON ACCEPTING THE PIPE.)  
FOUND REFERENCES:  
6" FIR NOW A 27" HIGH STUMP WITH A 1985 FIBRE TAG "N14°W 45.4' BY ALB" ADDED A 8" SPIKE AT BASE OF FACE AND NEW TAG BELOW OLD TAG. MEASURED N3°W AT 43.98' TO SPIKE.  
8" FIR NOW A 23" HIGH STUMP WITH OLD TAG (NOT FIBRE) NO DATE "N64°E 5.8' STD COR BY BUD" ADDED A 8" SPIKE AND NEW TAG BELOW OLD TAG. MEASURED N69°E AT 4.58' TO SPIKE.  
1985 6" STEEL FENCE POST AND TAG WEST AT 2' BY ALB.



36

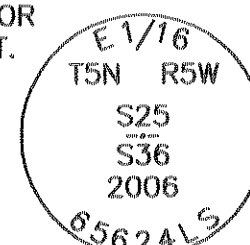
### CENTER OF SECTION

CENTER OF SECTION 36 IS A CALCULATED POSITION. CENTER SET IN 1972 BY LONGVIEW FIBRE. (CS 2790) DID NOT TIE IN THIS SURVEY.

### E 1/16

SET A 3/4" IRON PIPE WITH 2" BRASS CAP MARKED AS SHOWN. FOUND 1 1/4" STAINLESS STEEL PIPE WITH A 2" BRASS CAP N81°25'11"E AT 9.51' (SEE NARRATIVE FOR EXPLANATION FOR NOT ACCEPTING THE MONUMENT.)

NEW REFERENCES:  
10" FIR N48°E AT 0.30'  
SCRIBED [1/16 S25 BT]  
14" FIR N72°W AT 16.67'  
SCRIBED [1/16 S25 BT]  
6' POST AND TAG SOUTH AT 1.0'

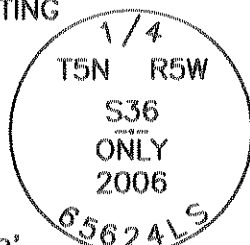


36

### QUARTER CORNER

FOUND 1 1/2" IRON PIPE AND REFERENCES SET BY LONGVIEW FIBRE IN 1948 (BENT), BROKE PIPE OFF AT BEND AND DROVE 3/4" IRON PIPE THROUGH THE REMAINING SECTION OF PIPE. (SEE NARRATIVE FOR EXPLANATION FOR ACCEPTING PIPE.)

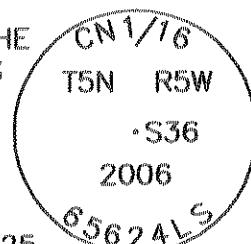
NEW REFERENCES:  
4" FIR N36°W AT 2.74'  
4" FIR S70°E AT 2.57'  
4" FIR N27°E AT 6.94'  
6' POST & TAG NORTH AT 1.0'  
NOTE: DID NOT SCRIBE TREES, SPIKE AND TAG ONLY.



### CN 1/16

SET A 3/4" IRON PIPE WITH 2" BRASS CAP MARKED AS SHOWN. FOUND 1 1/4" STAINLESS STEEL PIPE WITH A 2" BRASS CAP S52°52'00"E AT 18.63' (SEE NARRATIVE FOR EXPLANATION FOR NOT ACCEPTING THE MONUMENT.)

NEW REFERENCES:  
I ADDED A SPIKE AND TAG TO THE EXISTING REFERENCES SET IN CS 2790  
25" CEDAR N84°E AT 26.64' (NEW SCRIBE) [1/16 S36 BT]  
28" CEDAR S55°E AT 22.28' (EXISTING SCRIBE) [CN 1/16 S25 BT]  
6' POST AND TAG NORTH AT 1.0'



36731

### SECTION CORNER

FOUND AND HELD CROWN ZELLERBACH MONUMENT AS PER CS 3508 (SEE NARRATIVE FOR EXPLANATION ON CORNER)

