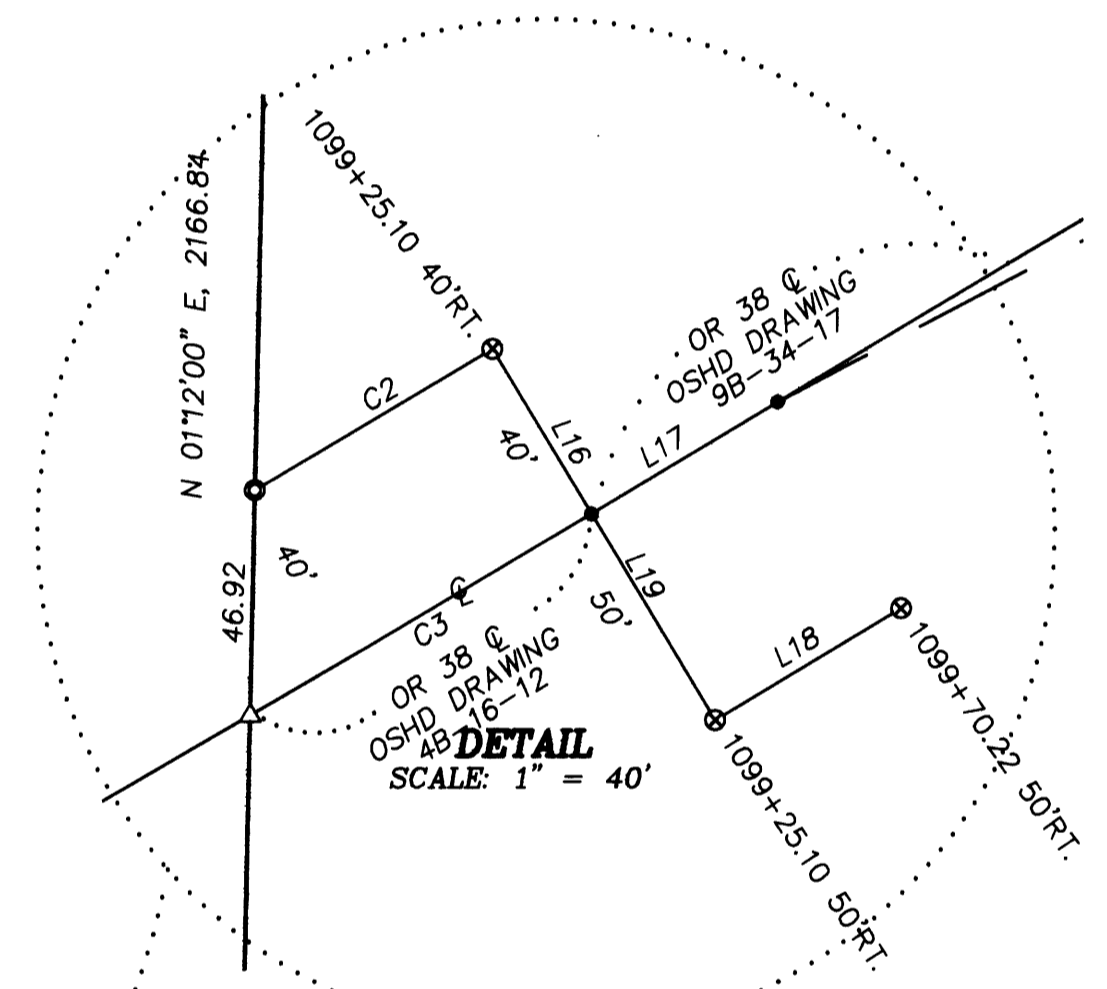
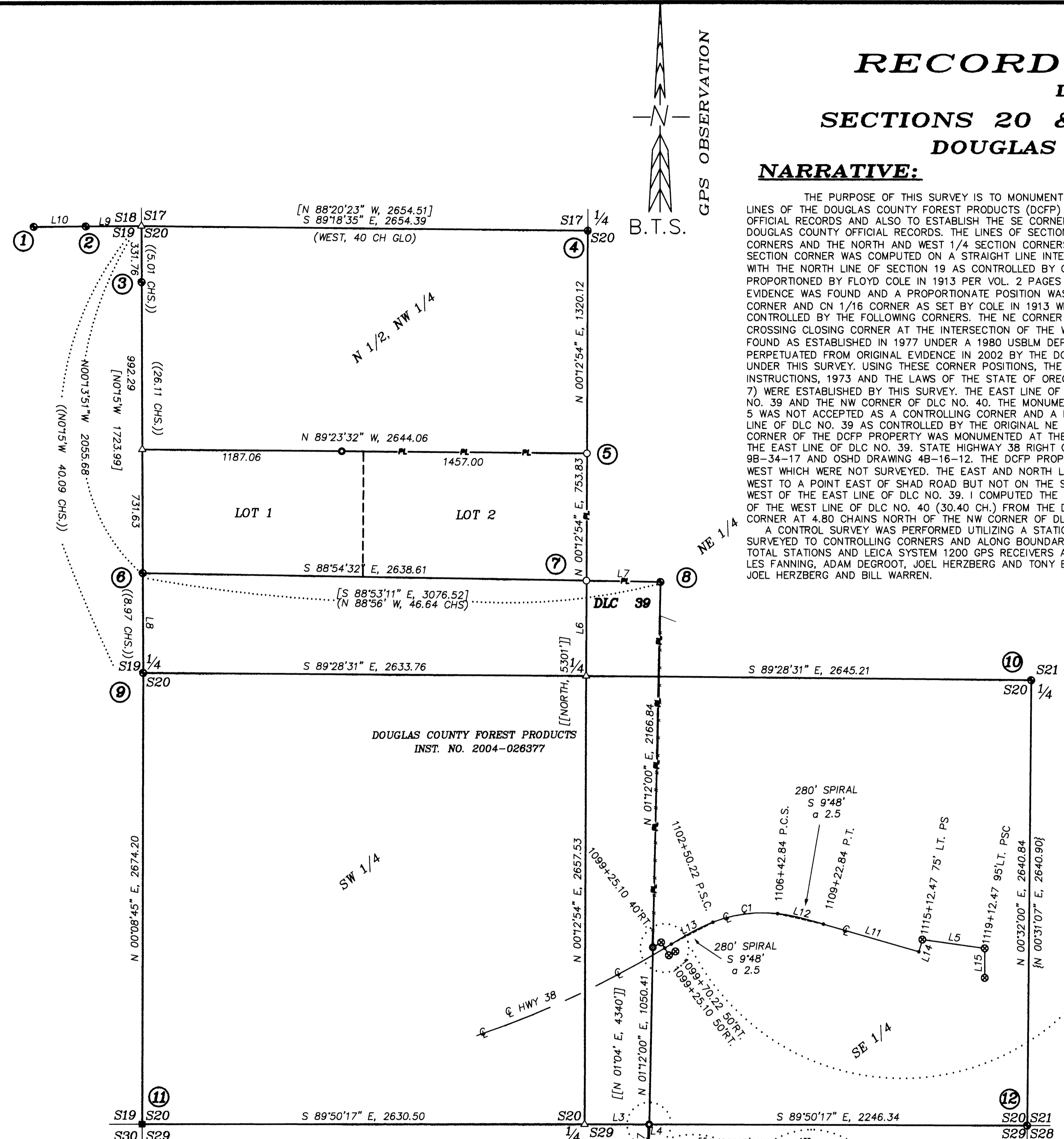


RECORD OF SURVEY

LOCATED IN
SECTIONS 20 & 29, T22S, R7W, W.M.
DOUGLAS COUNTY, OREGON

NARRATIVE:

THE PURPOSE OF THIS SURVEY IS TO MONUMENT PROPERTY CORNERS AND POST A PORTION OF THE NORTH AND EAST BOUNDARY LINES OF THE DOUGLAS COUNTY FOREST PRODUCTS (DCFP) PROPERTY DESCRIBED IN INSTRUMENT NO. 2004-026377 OF DOUGLAS COUNTY OFFICIAL RECORDS AND ALSO TO ESTABLISH THE SE CORNER OF THE SWEARINGEN PROPERTY DESCRIBED IN INSTRUMENT NO. 94-12016 OF DOUGLAS COUNTY OFFICIAL RECORDS. THE LINES OF SECTION 20 WAS CONTROLLED BY THE FOLLOWING CORNERS. THE SE AND SW SECTION CORNERS AND THE NORTH AND WEST 1/4 SECTION CORNERS WERE FOUND AS RESTORED FROM ORIGINAL EVIDENCE PER DCSO RECORDS. THE NW SECTION CORNER WAS COMPUTED ON A STRAIGHT LINE INTERSECTION OF THE WEST LINE OF SECTION 20 AS CONTROLLED BY CORNERS 3 AND 6 WITH THE NORTH LINE OF SECTION 19 AS CONTROLLED BY CORNERS 1 AND 2. A 1962 RESTORATION OF THE EAST 1/4 CORNER AS PROPORTIONED BY FLOYD COLE IN 1913 PER VOL. 2 PAGES 252-254 WAS FOUND. THE SOUTH 1/4 CORNER WAS SEARCHED FOR AND NO EVIDENCE WAS FOUND AND A PROPORTIONATE POSITION WAS COMPUTED BETWEEN THE ORIGINAL SE AND SW SECTION CORNERS. THE CENTER 1/4 CORNER AND CN 1/16 CORNER AS SET BY COLE IN 1913 WERE SEARCHED FOR AND NO EVIDENCE WAS FOUND. THE LINES OF DLC NO. 39 WAS CONTROLLED BY THE FOLLOWING CORNERS. THE NE CORNER OF DLC NO. 39 WAS FOUND AS PERPETUATED FROM ORIGINAL EVIDENCE AND THE CROSSING CLOSING CORNER AT THE INTERSECTION OF THE WEST LINE OF SECTION 20 AND THE NORTH LINE OF DLC NO. 39 (CORNER 6) WAS FOUND AS ESTABLISHED IN 1977 UNDER A 1980 USBLM DEPENDENT RESURVEY. THE NW CORNER OF DLC NO. 40 (CORNER 13) WAS FOUND AS PERPETUATED FROM ORIGINAL EVIDENCE IN 2002 BY THE DOUGLAS COUNTY SURVEYOR'S OFFICE. THIS CORNER WAS DISTURBED AND IS RESTORED UNDER THIS SURVEY. USING THESE CORNER POSITIONS, THE SUBDIVISION OF SECTION 20 WAS COMPUTED PER THE MANUAL SURVEYING INSTRUCTIONS, 1973 AND THE LAWS OF THE STATE OF OREGON. THE CN 1/16 (CORNER 5) AND THE SE CORNER OF GOVERNMENT LOT 2 (CORNER 7) WERE ESTABLISHED BY THIS SURVEY. THE EAST LINE OF DLC NO. 39 WAS CONTROLLED BY THE ORIGINAL CORNER AT THE NE CORNER OF DLC NO. 39 AND THE NW CORNER OF DLC NO. 40. THE MONUMENT SET BY BAKER IN 1989 PER M 101-55 AT THE SE CORNER OF GOVERNMENT LOT 5 WAS NOT ACCEPTED AS A CONTROLLING CORNER AND A NEW MONUMENT WAS SET AT THE SW CORNER OF GOVERNMENT LOT 5 ON THE EAST LINE OF DLC NO. 39 AS CONTROLLED BY THE ORIGINAL NE CORNER OF DLC NO. 39 AND THE ORIGINAL NW CORNER OF DLC NO. 40. THE SE CORNER OF THE DCFP PROPERTY WAS MONUMENTED AT THE INTERSECTION OF THE NORTH RIGHT OF WAY LINE OF STATE HIGHWAY NO. 38 AND THE EAST LINE OF DLC NO. 39. STATE HIGHWAY 38 RIGHT OF WAY LINES WERE COMPUTED FROM MONUMENTS FOUND PER OSHD DRAWING 9B-34-17 AND OSHD DRAWING 4B-16-12. THE DCFP PROPERTY IS BOUNDED BY STATE HIGHWAY 38 ON THE SOUTH AND BY SHAD ROAD ON THE WEST WHICH WERE NOT SURVEYED. THE EAST AND NORTH LINES ARE POSTED FROM STATE HIGHWAY 38 NORTH TO THE CN 1/16 CORNER AND WEST TO A POINT EAST OF SHAD ROAD BUT NOT ON THE SHAD ROAD RIGHT OF WAY. I FOUND AN ANCIENT FENCE LINE LYING 0'-10' EAST AND WEST OF THE EAST LINE OF DLC NO. 39. I COMPUTED THE SE CORNER OF THE SWEARINGEN PROPERTY BY SUBTRACTING THE RECORD DISTANCE OF THE WEST LINE OF DLC NO. 40 (30.40 CH.) FROM THE DEED CORNER TIE OF 35.20 CH. TO EQUAL 4.80 CH. I THEN ESTABLISHED THE SE CORNER AT 4.80 CHAINS NORTH OF THE NW CORNER OF DLC NO. 40 ON THE EAST LINE OF DLC NO. 39 AND NEAR AN EXISTING FENCE CORNER. A CONTROL SURVEY WAS PERFORMED UTILIZING A STATIC GPS CONTROL SURVEY WITH RTK AND CONVENTIONAL TRAVERSE LOOPS AND TIES SURVEYED TO CONTROLLING CORNERS AND ALONG BOUNDARY LINES POSTED. ALL SURVEY OBSERVATIONS WERE TAKEN WITH A LEICA TCPR 1203 TOTAL STATIONS AND LEICA SYSTEM 1200 GPS RECEIVERS AND WERE ADJUSTED BY LEAST SQUARES METHODS. THIS SURVEY WAS PERFORMED BY LES FANNING, ADAM DEGROOT, JOEL HERZBERG AND TONY BELLANDO WITH COMPUTATIONS AND DRAFTING BY KRIS DEGROOT, ADAM DEGROOT, JOEL HERZBERG AND BILL WARREN.



NO.	DELTA	RADIUS	ARC	CHORD BRG.	CHORD
C1	27°29'00"	818.51	392.62	S82°31'15"W	388.87
C2	0°34'39"	5689.58	57.35	N59°16'05"E	57.35
C3	0°49'25"	5729.58	82.37	N59°23'28"E	82.37

LEGEND:

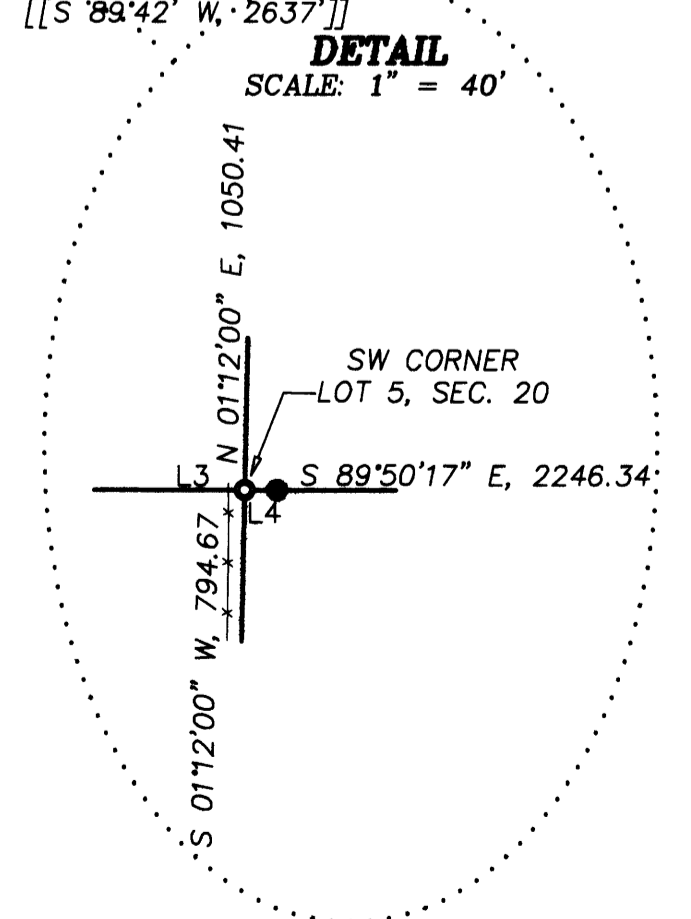
- = SET 5/8" x 30" IRON ROD W/ PLASTIC CAP "BTS ENG-SURV"
- = SET 5/8" x 30" IRON ROD W/ 2" ALUMINUM CAP AS NOTED.
- = FOUND 1" SQUARE BAR PER CS 15/7
- = COMPUTED OR 38 CENTERLINE
- ⊙ = FOUND PLSS MONUMENT AS NOTED
- = FOUND 5/8 IRON ROD PER M 101-55
- = FOUND 5/8 IRON ROD PER M 82-72
- ⊙ = FOUND 5/8 IRON ROD PER OSHD DRAWING 9B-34-17
- () = RECORD PER 1882 USGLO SURVEY
- (()) = RECORD PER 1977 USBLM DEPENDENT RESURVEY
- { } = RECORD PER M 101-55
- [] = RECORD PER M 130-17
- [[]] = RECORD PER DCSO VOLUME 2, PAGES 252-254
- < > = RECORD PER OSHD DRAWING 9B-34-17
- — — = EXISTING FENCE
- — — = PROPERTY LINES BLAZED, PAINTED & POSTED WITH 5 1/2" STEEL POSTS.
- △ = COMPUTED POINT

CORNER DESCRIPTIONS:

ALL NEW BEARING TREES HAVE DOUBLE BLAZED FACES WITH A BRASS WASHER STAMPED "PLS 1941" NAILED INTO THE LOWER BLAZE. BEARINGS ARE TAKEN TO THE CENTER OF THE TREE AT THE ROOT CROWN AND DISTANCES ARE MEASURED TO A NAIL IN THE ROOT CROWN AT THE SIDE AND CENTER OF THE TREE WITH A TOTAL STATION. ALL BEARING TREES HAVE A 6" RED BAND PAINTED AROUND THE TREE AND THE BLAZED FACE PAINTED RED AND BEARING TREE SIGNS NAILED TO THE TREE. ALL NEW 5/8" x 30" IRON ROD REFERENCE MONUMENTS HAVE A PLASTIC CAP STAMPED "BTS ENG-SURV".

- ① CCC DLC #41--S18/S19
FOUND 1977 USBLM BCIP AND ACCESSORIES PER A 1980 USBLM DEPENDENT RESURVEY BY JACK W. BOWDER, CADASTRAL SURVEYOR.
- ② WITNESS CORNER
FOUND 1977 USBLM BCIP AND ACCESSORIES PER PLSS ID. NO. 175400
- ③ WITNESS CORNER
FOUND 1977 USBLM BLM BCIP AND ACCESSORIES PER PLSS ID. NO. 200375
- ④ 1/4 S17/S20
FOUND A 5/8" IRON ROD AND ACCESSORIES PER PLSS ID. NO. 240400
- ⑤ CN 1/16
SET A 5/8" X 30" IRON ROD SET 25" IN GROUND WITH A 2" ALUMINUM CAP STAMPED;
T22SR7W
N 1/16 S20
C
2006
PLS 1941
FROM WHICH NEW BEARING TREES:
A 24" D. FIR BEARS S.60 3/4"E., 37.3 FT. SCRIBED "CN 1/16 S20 BT".
A 14" D. FIR BEARS N.16 1/2"E., 44.8 FT. SCRIBED "CN 1/16 S20 BT".
- ⑥ CCC DLC #39--S19/S20
FOUND 1977 USBLM BCIP AND ACCESSORIES PER A 1980 USBLM DEPENDENT RESURVEY BY JACK W. BOWDER, CADASTRAL SURVEYOR
- ⑦ SE CORNER GOVERNMENT LOT 2
SET A 5/8" X 30" IRON ROD SET 27" IN GROUND WITH A 2" ALUMINUM CAP STAMPED;
T22S R7W
S20
C
2006
PLS 1941
FROM WHICH NEW BEARING TREES:
A 27" D. FIR BEARS N.11 1/2"E., 66.3 FT. SCRIBED "CCC C39 S20 BT".
A 9" D. FIR BEARS N.64 1/4"W., 84.6 FT. SCRIBED "CCC C39 S20 BT".
- ⑧ NE CORNER DLC #39
FOUND 1977 USBLM BCIP AND ACCESSORIES PER PLSS ID. NO. 039010
- ⑨ 1/4 S19/20
FOUND 1977 USBLM BCIP AND ACCESSORIES PER PLSS ID. NO. 200340
- ⑩ 1/4 S20/S21
FOUND 1962 DCSO BCIP AND ACCESSORIES PER PLSS ID. NO. 300340
- ⑪ S19/S20/S29/S30
FOUND 1" SQUARE IRON BAR AND ACCESSORIES PER PLSS ID. NO. 200300
- ⑫ S20/S21/S28/S29
FOUND 1996 USBLM BCIP AND ACCESSORIES PER PLSS ID. NO. 300300
- ⑬ NW CORNER DLC #40
FOUND 2002 DCSO BCIP PER PLSS ID. NO. 040020 BENT AND LAYING ON TOP OF GROUND WITH A BROKEN PIPE FLANGE. I EXCAVATED A HOLE TO LOCATE THE BROKEN PIPE FLANGE PIECE AND RESET THE MONUMENT 34" IN THE GROUND IN THE ORIGINAL POSITION.
FROM WHICH AN ORIGINAL BEARING TREE:
A ROOT HOLE BEARS N.40"W., 194.7 FEET WITH A UPROOTED 34" W.OAK ALONGSIDE.
AND BEARING TREES BY DCSO IN 2002:
A 13" DOUBLE W. OAK, BEARS S.2"E., 63.4 FT. WITH SCRIBE MARKS VISIBLE (REC. S.2°30'E., 63.7 FT.)
A 15" DOUBLE W. OAK, BEARS N.6°15'W., 119.4 FT. WITH SCRIBE MARKS VISIBLE (REC. N.7°W., 119.4 FT.)
A 22" DOUBLE MAPLE, BEARS N.27°45'W., 125.3 FT. WITH SCRIBE MARKS VISIBLE (REC. N.28°30'W., 125.3 FT.)
A 11" TRIPLE W. OAK, BEARS S.52°15'E., 298.0 FT. WITH SCRIBE MARKS VISIBLE (REC. N.28°30'W., 299.0 FT.)
- ⑭ SE CORNER DLC #39
FOUND ORIGINAL STONE WITH 5/8" IRON ROD ALONGSIDE PER PLSS ID. NO. 039100

LINE	BEARING	DISTANCE	RECORD
L1	N00°14'20"E	2010.24	
L2	N01°12'00"E	316.80	
L3	S89°50'17"E	384.16	
L4	S89°43'37"E	16.92	
L5	S82°03'46"E	374.59	
L6	N00°12'54"E	566.29	
L7	S88°54'32"E	439.51	
L8	N00°13'38"W	592.42	
L9	S89°38'48"W	330.04	
L10	S89°38'48"W	309.39	((N89°37'E, 5.00 CH.))
L11	S73°56'15"E	589.69	((N89°37'E, 4.69 CH.))
L12	N77°12'12"W	279.64	<S71°50'39"E>
L13	S62°14'42"W	279.64	SPIRAL CHORD
L14	N16°03'45"E	75.01	SPIRAL CHORD
L15	S00°03'22"W	174.98	
L16	S31°00'41"E	39.98	
L17	N58°58'45"E	45.15	
L18	S59°01'06"W	45.13	
L19	N31°00'41"W	49.98	



REGISTERED
PROFESSIONAL
LAND SURVEYOR
Kristian O. Degroot
OREGON
JULY 17, 1988
KRISTIAN O. DEGROOT
1941
RENEWAL DATE: 12-31-07

BTS ENGINEERING & SURVEYING, INC.
431 S.E. MAIN ST., ROSEBURG, OR 97470
PHONE (541) 673-0966 FAX (541) 673-0105

SCALE: 1" = 400'
DATE: DECEMBER 1, 2006

FOR: DOUGLAS COUNTY FOREST PRODUCTS
P.O. BOX 848
WINCHESTER, OREGON 97485

JOB #: 05-034
FILE: 22-07-20 PLAT.DWG
SHEET 1 OF 1