

RECORD OF SURVEY CLIENT DESIGNATED PROPERTY LINES IN THE SE 1/4 OF THE NW 1/4 SECTION 19
SITUATED IN NW 1/4 SECTION 19, T4N, R4W, W.M., COLUMBIA COUNTY, OREGON

JULY 24, 2021

BASIS OF BEARINGS

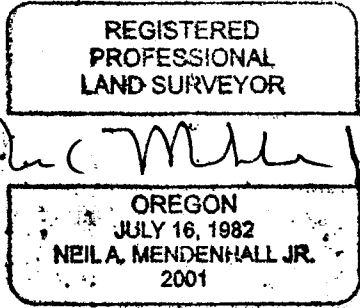
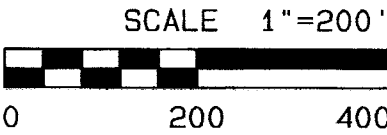
THE BASIS OF BEARINGS FOR THIS SURVEY IS THE RECORD BEARING FROM MO # 954 TO MON # 991 PER CCSR MAP #6218.
THIS SAME BEARING BEING S89°33'16"W. SEE CCSR MAP # 3250

PURPOSE:

THE PURPOSE OF THIS SURVEY IS TO FLAG, BLAZE, AND PAINT CLIENT DESIGNATED PORTIONS OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTIONS 19 TO FACILITATE TIMBERLAND MANAGEMENT INCLUDING TIMBER HARVEST AND ROAD CONSTRUCTION.

NOTES:

BEARINGS TO BEARING TREES ARE BASED UPON HAND COMPASS BEARINGS WITH A VAR 17° EAST; DISTANCES TO NEW BTS WERE MEASURED TO A 1 1/4" BRASS DISC STAMPED "MENDENHALL LS 2001" NAILED AT THE BOTTOM OF THE SCRIBING IN THE FACE (FOR NEW BEARING TREES) DISTANCES TO EXISTING BEARING TREES WERE MEASURED TO THE FACE (SIDE OF BOLE) OR 60D SPIKE IF PRESENT. ALL NEW BEARING TREES ARE POSTED WITH A 5" X 5" YELLOW LOCATION TAG. FLAGGED, TAGGED, BLAZED, AND PAINTED PROPERTY LINES ARE BLAZED ON THE HANCOCK SIDE OF THE BOUNDARY. TREES ON THE HANCOCK SIDE OF THE BOUNDARY ARE BLAZED BELOW STUMP HEIGHT. BLAZES AND BOTH SIDES OF LINE ARE PAINTED BRIGHT RED. RED AND WHITE FLAGGING IS HUNG TOGETHER "ON LINE" WHERE TREES ARE WIDELY SPACED OR ARE NOT AVAILABLE TO PAINT. 1/2" X 4" FIBERGLASS RODS WERE PLACED AT 100' TO 200' INTERVALS ALONG THE PROPERTY LINES (AND ADJACENT TO CORNERS- 1' NORTH UNLESS NOTED OTHERWISE).



RENEWAL DATE: 12/31/22

MONUMENT NOTES:

MON # 1058 FOUND 5/8" REBAR WITH PYC STAMPED "OREGON STATE PARKS", TOP 0.1' BELOW THE SURFACE, ORIGIN CCSR MAP # 3827, NOT HELD, USED TO CHECK AND LOCATE OTHER MONUMENTS; N 9345.83 E 24062.20 (MON)

MON # 1059 FOUND 5/8" REBAR WITH PYC STAMPED "OREGON STATE PARKS", TOP 0.1' ABOVE THE SURFACE, ORIGIN CCSR MAP # 3827, HELD AS MIDDLE OF CURVE EASTERLY R.O.W. TRAIL ROUTE, USED TO CALCULATE CURVE RADIUS; N 9349.35 E 24122.74 (MON)

MON # 1061 FOUND 5/8" REBAR WITH PYC STAMPED "OREGON STATE PARKS", TOP 0.1' BELOW THE SURFACE, ORIGIN CCSR MAP # 3827, HELD AS PC CURVE 30' LT. ON R.O.W. TRAIL ROUTE, USED TO CALCULATE CURVE RADIUS; N 9614.80 E 24070.66 (MON)

MON # 1062 FOUND 5/8" REBAR WITH PYC STAMPED "OREGON STATE PARKS", TOP FLUSH WITH THE SURFACE, ORIGIN CCSR MAP # 3827, HELD AS POINT ON WESTERLY R.O.W. TRAIL ROUTE; N 9678.39 E 23983.30 (MON)

MON # 1063 FOUND 5/8" REBAR WITH PYC STAMPED "OREGON STATE PARKS", TOP FLUSH WITH THE SURFACE, ORIGIN CCSR MAP # 3827, HELD AS POINT ON EASTERLY R.O.W. TRAIL ROUTE AND BEGINNING OF TAPER; N 9700.64 E 24037.87 (MON)

MON # 1067 FOUND 5/8" REBAR WITH PYC STAMPED "OREGON STATE PARKS", TOP 0.4' ABOVE THE SURFACE ORIGIN CCSR MAP # 3827, HELD AS POINT ON TANGENT 30' RT. ON WESTERLY TRAIL R.O.W.; N 10077.84 E 23825.77 (MON)

MON # 1074 FOUND 1" OD IRON PIPE, TOP 1.5' ABOVE THE SURFACE, ORIGIN CCSR MAP #3250, HELD AS NW 1/16 SEC 19; N 10773.40 E 23893.77 (MON)

I FOUND BTS NOTED ON CCSR MAP #8288 AS FOLLOWS; 3/4" SQUARE BAR S60°W 2.89' IS NOW A 3/4" BAR N61°E 2.80'; 27" MAPLE S10°E A DISTANCE OF 20.18' IS NOW A 3" DIAMETER MAPLE A DISTANCE OF 20.0' NO SCRIBES VISIBLE.

I SCRIBED BT AS FOLLOWS; 6" CEDAR SCRIBED "X BT" N24°E 17.33'; LAT N 45°49.145', LONG W 123°13.880', ACC 18.' +/-

MON # 1086 FOUND BENT 1" OD IRON PIPE, TOP 0.2' ABOVE THE SURFACE, TIED SPIN HOLE; ORIGIN CCSR MAP #3250, HELD AS CN 1/16 SEC 19; N 10769.07 E 25130.86 (MON)

I FOUND BTS NOTED ON CCSR MAP #8288 AS FOLLOWS; 15" DOUG FIR S81°E 25.41' IS NOW A 20" DOUG FIR STUMP S87°E 25.8' WITH YELLOW TAG; 9" DOUG FIR N69°W A DISTANCE OF 29.29' IS MISSING. OF 20.0' NO SCRIBES VISIBLE.

I SCRIBED BTS AS FOLLOWS; 10" DOUG FIR SCRIBED "CN 1/16 S 19 BT" S89°W 3.8'; 9" DOUG FIR SCRIBED "X BT" S68°E 5.1'; LAT N 45°49.140', LONG W 123°13.591', ACC 22.' +/-

MON # 1103 FOUND 1" OD IRON PIPE, TOP FLUSH WITH THE SURFACE, ORIGIN CCSR MAP #3250, HELD AS C 1/4 SEC 19; N 9463.81 E 25133.51 (MON)

I FOUND BTS NOTED ON CCSR MAP #8288 AS FOLLOWS; 18" DOUG FIR S39°W 8.71' IS NOW A 17" DOUG FIR STUMP WITH YELLOW TAG AND ROTTEN FACE; 13" DOUG FIR MISSING.

I SCRIBED BTS AS FOLLOWS; 10" DOUG FIR SCRIBED "X BT" S80°E 13.1'; 11" DOUG FIR SCRIBED "C 1/4 BT" S02°E 11.4'; 7" TRUE FIR SCRIBED "X BT" N69°W 24.7'; LAT N 45°48.929', LONG W 123°13.593', ACC 17.' +/-

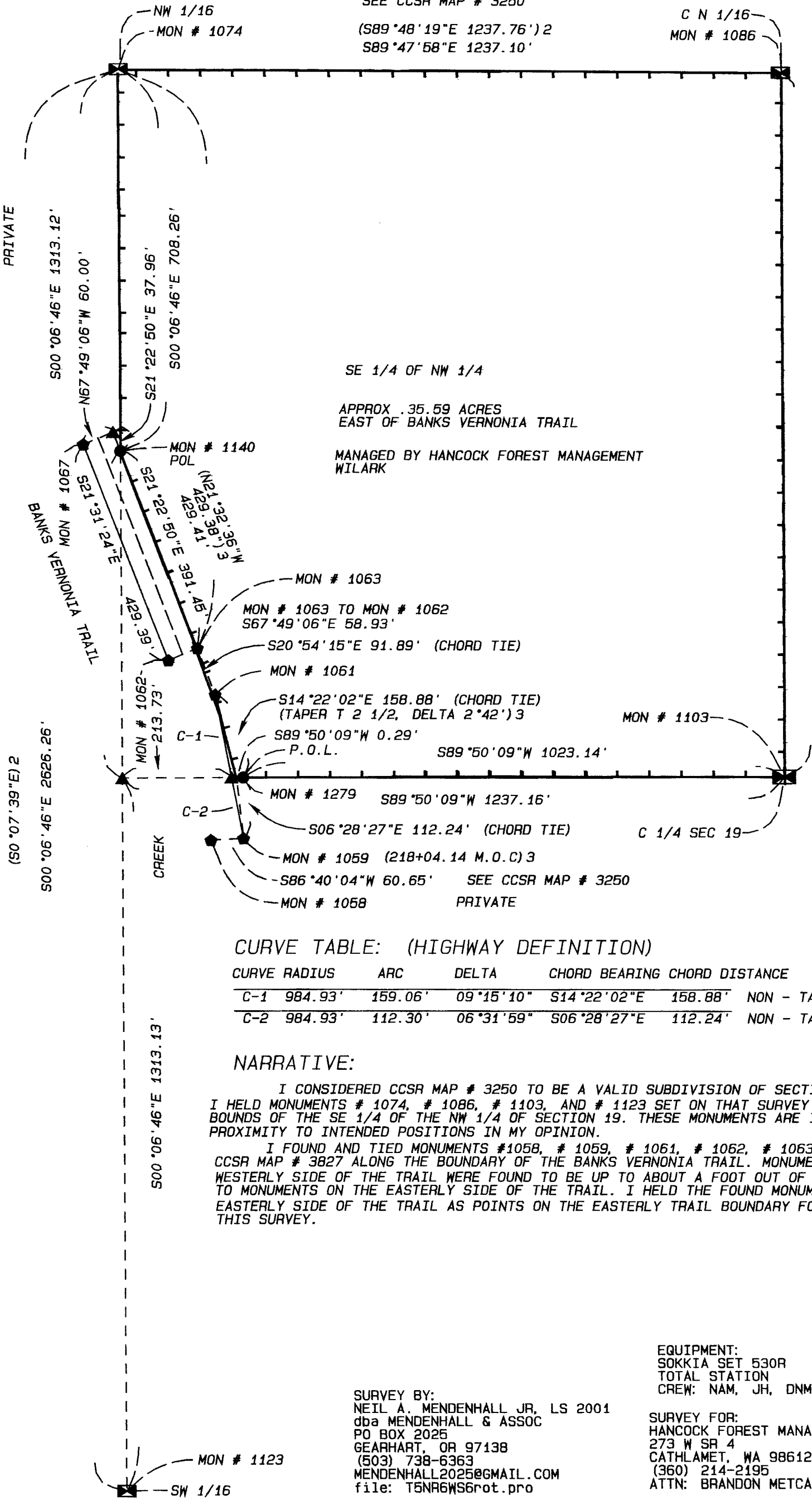
MON # 1140 SET 5/8" X 30" REBAR WITH POC STAMPED "MENDENHALL LS 2001", SET AT INTERSECTION OF NE TRAIL R.O.W. & N-S CENTERLINE SW 1/4, TOP FLUSH WITH THE SURFACE; N 10065.14 E 23895.16 (MON)

I SCRIBED BTS AS FOLLOWS; 20" RED CEDAR SCRIBED "POL BT" N82°E 17.8'; 6" X 6" CREOSOTE GATE POST WITH YELLOW TAG N20°W 39.3'; LAT N 45°49.026', LONG W 123°13.884', ACC 20.' +/-

MON # 1279 SET 5/8" X 30" REBAR WITH POC STAMPED "MENDENHALL LS 2001", SET ON E-W CENTERLINE SEC 19, TOP FLUSH WITH THE SURFACE; N 9460.88 E 24110.37 (MON)

I SCRIBED BTS AS FOLLOWS; 11" DOUG FIR SCRIBED "POL BT" N55°W 14.6'; 12" DOUG FIR SCRIBED "X BT" S48°W 5.3'; LAT N 45°48.917', LONG W 123°13.834', ACC 24.' +/-

COORDINATES ARE LOCAL - ASSUMED



CURVE TABLE: (HIGHWAY DEFINITION)

CURVE	RADIUS	ARC	DELTA	CHORD	BEARING	CHORD	DISTANCE
C-1	984.93'	159.06'	09°15'10"	S14°22'02"E	158.88'	NON - TANGENT	
C-2	984.93'	112.30'	06°31'59"	S06°28'27"E	112.24'	NON - TANGENT	

NARRATIVE:

I CONSIDERED CCSR MAP # 3250 TO BE A VALID SUBDIVISION OF SECTION 19. I HELD MONUMENTS # 1074, # 1086, # 1103, AND # 1123 SET ON THAT SURVEY TO DETERMINE THE BOUNDS OF THE SE 1/4 OF THE NW 1/4 OF SECTION 19. THESE MONUMENTS ARE IN REASONABLE PROXIMITY TO INTENDED POSITIONS IN MY OPINION.

I FOUND AND TIED MONUMENTS #1058, # 1059, # 1061, # 1062, # 1063, AND # 1067 SET ON CCSR MAP # 3827 ALONG THE BOUNDARY OF THE BANKS VERNONIA TRAIL. MONUMENTS ON THE WESTERLY SIDE OF THE TRAIL WERE FOUND TO BE UP TO ABOUT A FOOT OUT OF POSITION RELATIVE TO MONUMENTS ON THE EASTERLY SIDE OF THE TRAIL. I HELD THE FOUND MONUMENTS ALONG THE EASTERLY SIDE OF THE TRAIL AS POINTS ON THE EASTERLY TRAIL BOUNDARY FOR PURPOSES OF THIS SURVEY.

EQUIPMENT:
SOKKIA SET 530R
TOTAL STATION
CREW: NAM, JH, DNM, LH

SURVEY FOR:
HANCOCK FOREST MANAGEMENT INC.
273 W SR 4
CATHLAMET, WA 98612
(360) 214-2195
ATTN: BRANDON METCALF

SURVEY BY:
NEIL A. MENDENHALL JR., LS 2001
dba MENDENHALL & ASSOC
PO BOX 2025
GEARHART, OR 97138
(503) 738-6363
MENDENHALL2025@GMAIL.COM
file: T5NR6WS6rot.pro

Symbol	Description
	FOUND 1" OD PIPE, SET CCSR MAP # 3250, HELD
	FOUND 5/8" REBAR WITH PLASTIC YELLOW CAP STAMPED "OREGON STATE PARKS", HELD ALONG EAST SIDE OF TRAIL
	SET 5/8" X 30" REBAR WITH PLASTIC ORANGE CAP STAMPED "MENDENHALL LS 2001"
	CALCULATED POSITION ONLY
	FLAGGED, BLAZED, PAINTED PROPERTY LINE
	MONUMENT TIES

ACC = EXPECTED HORIZONTAL ACCURACY OF LATITUDE AND LONGITUDE
AS DETERMINED WITH A HAND HELD GPS RECEIVER (NOT SURVEY QUALITY)

CALC = CALCULATED
CCBT = COLUMBIA COUNTY BEARING TREE RECORDS
CCDR = COLUMBIA COUNTY DEED RECORDS
CCSR = COLUMBIA COUNTY SURVEYOR'S RECORDS

NO () = MEASURED OR CALCULATED PER THIS SURVEY
() 2 = PER CCSR MAP # 3250
() 3 = PER CCSR MAP # 3827

HAND HELD = HAND HELD PORTABLE GPS RECEIVER
USED TO DETERMINE LATITUDE AND LONGITUDE
FOR CORNER SEARCH (NOT SURVEY QUALITY)

MON = MONUMENT
OD = OUTSIDE DIAMETER
POL = POINT ON LINE

OTHER REFERENCE SURVEYS
CCSR MAP # 828
CCSR MAP # 5025
CCSR MAP # 5499
CCSR MAP # 6048