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STEVENS COUNTY, WASHINGTON
LORI LARSEN, AUDITOR

COLINTON

SURVEY

OWNERS: HANCOCK NATURAL RESOURCES GROUP

TO SURVEY

FILED BY: GLAHE & ASSOCIATES PROFESSIONAL LAND SURVEYORS

SURVEYOR: DAVID P. EVANS

SURVEY BOOK 41

PAGE(S) 219, 220, 221 & 222

LEGAL DESCRIPTION:

SECTION 20	TWP 38	RGE 37
SECTION	TWP	RGE
SECTION	TWP	RGE
SECTION	TWP	RGE
SECTION	TWP	RGE
SECTION	TWP	RGE

ADDITIONAL INFORMATION:

RECORD OF SURVEY

for
HANCOCK NATURAL RESOURCE GROUP

SECTION 20, T38N, R37E, W4M,
FERRY COUNTY, WASHINGTON &
STEVENS COUNTY, WASHINGTON

LEGEND

See Corner/Quarter Corner (as noted)

• Set a 30 in. aluminum breakaway monument with 3/4 in. aluminum cap, stamped P.L.S. No. 20079 or as noted.

• Found 1 in. iron pipe, P.L.S. No. 13339

• Found monument as noted

• Calculated Position, (not set)

(A-9) Corner Index (See Sheets 2-4)

SE1/4 NE1/4 Government Lot per GLO Plot (typical)

Section Line

Property Boundary Line

METHOD OF SURVEY

The control survey was by GPS static observations, performed using TRIMBLE R-8 DUAL FREQUENCY GPS RECEIVERS. Data processed using NGS Static Positioning for base points and Trimble Business Center software. The survey was completed by conventional traverse and radial techniques using a total station.

All procedures meet or exceed WAC 332-130-090 requirements.

NOTE

This survey was conducted to delineate and monument certain lands managed by the Hancock Natural Resource Group (HNRCG). For Record of Survey references and GLO History see page 2. All bearing trees which were established this survey were affixed with a metal BT tag. A mag nail with a brass washer stamped 20079 was placed at side center of BT.

BASIS OF BEARINGS

Bearing Datum is Washington Lambert Grid, North Zone, NAD 83. Derived from GPS static observations with Trimble R-8, Dual Frequency GPS receivers. All bearings were measured and reduced from NGS Quas Station using a reference frame of NAD 83 (2011) (Epoch 2010.0000) from the following base stations:
DK4088 BREWER BREWSTER WBA CORP. ARP
DN5552 RK01 OROVILLE AIRPORT CORP. ARP
DK3591 SPNS SPOKANE S CORP. ARP
A Combined State Plane and Sea Level Factor (CAF) of 1,00075927 has been directly applied to Washington Lambert Grid, North Zone, NAD 83 coordinate datum in order to represent actual ground distances. Geoidal North is an angular rotation of 159.20" to the right of the South Quarter Corner of Section 18, T38N, R37E.

SURVEYOR'S CERTIFICATE

I, David P. Evans, P.L.S. 20679, do hereby certify that this map was prepared in accordance with the standards and procedures of the Surveying and Mapping Act of 1994, as amended, and the request of Hancock Natural Resource Group.

David P. Evans PLS 20679
1/12/21

NOTE:
Coordinates shown
are Grid Coordinates

AUDITOR'S CERTIFICATE

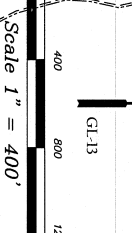
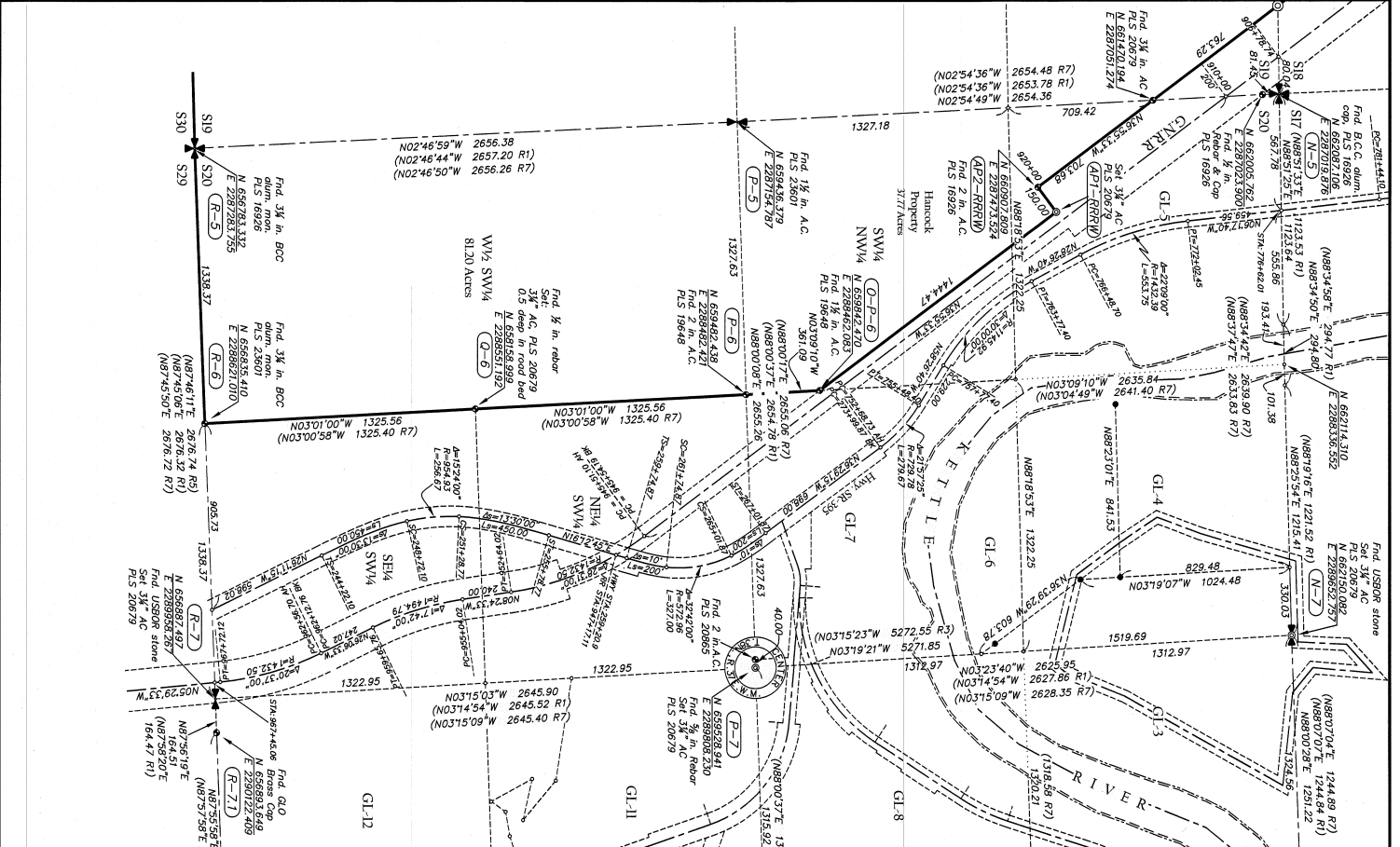
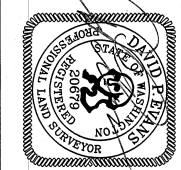
I, the 5th day of Nov., 2021, at 1545 o'clock P.M., in the County of Ferry, State of Washington, at the request of Hancock Natural Resource Group, do hereby certify that the foregoing is a true and correct copy of the original Record of Survey filed for record in the office of the County Auditor.

Loft Larsen
County Auditor
by Deputy
F. Clinton
Feb 8 2022

HANCOCK NATURAL RESOURCE

PROJECTED LAND SURVEYORS
303 Church Street
Spokane, WA 99201-3864
208-365-4474

Project No.	20-0208 Hancock
Drawing Name	20-0208 Stool NGS
Sheet No.	1 of 4



REFERENCES

- (R1) US Department of the Interior, Bureau of Reclamation (USBR), Lake Roosevelt Index Map No. KT-52, 6-2-1937.
 and Control Diagram, Sheet 101, November 30, 1981.
 (R2) Plot of Kettle River Park Estates, by Phillip L. Sargent, Book 1 of Record of Plats, of Page 103, April 4, 1967.
 (R3) ROS by Thomas K. Carlson, PLS 13339, AFN 433478, November 4, 1976.
 (R4) ROS by Thomas K. Carlson, PLS 13339, AFN 464177, October 10, 1977.
 (R5) ROS by Richard R. Shatto, PLS 16926, AFN 190190, October 27, 1981.
 (R6) ROS by Michael Carl Howells, PLS 23601, AFN 223858, April 5, 1993.
 (R7) ROS by Thomas E. Todd, PLS 19648, AFN 239883, January 21, 1998.
 (R8) ROS by Michael Carl Howells, PLS 23601, AFN 241249, July 14, 1998.
 (R9) ROS by Thomas E. Todd, PLS 19648, AFN 241912, September 15, 1998.
 (R10) Shortwood Short Plot by Thomas E. Todd, PLS 19648, AFN 241986, Sept. 23, 1998.
 (R11) ROS by Grant D. Tolton, PLS 20865, AFN 246794, May 4, 2000.
 (R12) ROS by Grant D. Tolton, PLS 20865, AFN 255614, April 16, 2003.
 (R13) Shortwood Lot "D" Short Plot by Thomas E. Todd, PLS 19648, AFN 261113, Jan. 3, 2005.
 (R14) ROS by Thomas E. Todd, PLS 19648, AFN 266783, October 4, 2006.
 (R15) ROS by Thomas E. Todd, PLS 19648, AFN 266922, October 17, 2006.
 (R16) Roemer Estates Short Plot by Grant D. Tolton, PLS 20865, AFN 269546, Aug. 20, 2007.
 (R17) ROS by Lawrence E. Benson, PLS 18076, AFN 2009000153, February 11, 2009.

GLO HISTORY

- {B6d} Bearing and Distance per GLO Plot, GLO Survey by Lewis D.W. Shelton, April 13, 1893, Contract No. 467.
 {B6d} Bearing and Distance per GLO Survey by E.D. Colvin, September 11-27, 1937, Special Instruction, Group No. 163.

NARRATIVE

In 1895 Lewis D.W. Shelton did the GLO survey of Township 38N, Range 37E.

In August of 1937 Carl M. Berry Sr., PLS No. 22, surveyed the US Department of Interior, Bureau of Reclamation (USBR) Columbia Basin Kettle River Project boundary. It appears that he replaced all of the original GLO corners in this area with granite stones marked with an "x".

In September of 1937, E.D. Colvin surveyed portions of Township 38N, Range 37E. by Special Instruction, Group No. 163, following the work of Carl Berry in order to determine the location of the original GLO corners. The original GLO corners established by the USBOR and perpetuated according to GLO standards and methods.

The North 1/4 corner of Section 20, which had been replaced with a stone by Carl Berry, was found by Thomas K. Carlson, PLS 13339 in 1976. No original BT's were mentioned on his Records of Survey. He proceeded to do quite an extensive amount of surveying and set sharp BT's based on the position of this stone, and staked in 1988. The stone was found by Carl M. Berry Sr., PLS No. 22, in 2000, and staked that it bears S86°58'01"W, 7.05 ft. from 1/4 corner position per USBR, record data. During the course of this survey, we found a quartz stone 126x4 ins. with "x" on top and 1/4 on north face, and that the original GLO BT's would have been destroyed by farming.

By input of Carl Berry's coordinates, I came to the same conclusion that the stone, by input of Carl Berry's coordinates and set firmly in place, was not in the position shown on the USBOR plat. I then contacted Thomas Todd's calculations as to the location according to the USBOR coordinates. Having done quite an extensive amount of work in the past few years involving these USBOR positions, I have found that occasionally there will be a USBOR coordinate out of position, so it is very possible that is what occurred in this situation. The stone was found by Carl M. Berry Sr., PLS No. 22, in 2000, and staked that it bears S86°58'01"W, 7.05 ft. from 1/4 corner position per USBR, record data. It seems that this monument is quite old. A great deal of moss and aging has occurred on its surface.

However, the aspen, established by Shatto, now 10 ins. diam., bears N57°E, 18.9 ft. dist., with BT tag. The spruce, established by Benson, 22 ins. diam., bears S30°E, 27.0 ft. dist., with BT tag. The ponderosa pine, established by Shatto, now 26 ins. diam., bears N53°W, 18.7 ft. dist., with headed cot face, are all referencing this concrete monument. Although I don't find any record of the origin of this monument, I accept the position as the original, both due to the USBOR coordinates and the perpetuation of the accessories. (B1's)

TOWNSHIP 38 NORTH, RANGE 37 EAST

(N-5)

GLO: Lewis D. W. Shelton, April 15, 1895

Set: A fir post 5 ft. long 4 ins. sq. 24 ins. in ground for cor. of secs. 17, 18, 19 & 20 marked T38N S17 on NE, R37E S20 on SE, S19 on SW and S16 on NW faces with 3 notches on S, and 5 notches on E, edges, from which:
 A pine, 16 ins. diam., bears N47°E, 30 ins. dist., marked T38N R37E S17 BT.
 A pine, 12 ins. diam., bears S41°W, 20 ins. dist., marked T38N R37E S20 BT.
 A pine, 12 ins. diam., bears S41°W, 20 ins. dist., marked T38N R37E S19 BT.
 A pine, 24 ins. diam., bears N63°W, 36 ins. dist., marked T38N R37E S16 BT.
 USBOR Columbia Basin Project, Index Map No. KT-2, August 26, 1937.
 Carl M. Berry Sr., PLS No. 22
 See Triangulation Station Notes for SEC 3303, 1937.
 Note 21-A: A chiseled cross on granite boulder.

Richard R. Shatto, LS No. 16926, October, 1981, LCR AFN 190191
 The original post atop a stone. Also four BT's with BLM signs.
 A pine, 10 ins. diam., bears N58°E, 28.5 ins. dist.
 A pine, 10 ins. diam., bears N58°E, 28.5 ins. dist.
 A pine, 16 ins. diam., bears S52°W, 18.0 ins. dist.
 A pine, 12 ins. diam., bears N62°W, 16.4 ins. dist.
 Set: An aluminum monument.

Thomas E. Todd, LS No. 19648, Inst. No. 239883, January, 1998.
 Inst. No. 241986, September, 1998 & Inst. No. 20060004789, April, 2006
 Found: An aluminum monument mtd. LS 16926 at position per USBR, record data.

David P. Evans, PLS No. 20679, 2016, AFN 287867

A 3 1/2 ins. Boise Cascade aluminum cap, from which:
 A ponderosa pine, 18 ins. diam., bears N58°E, 18.81 ft., with cot face.
 A ponderosa pine, 17 ins. diam., bears S45°E, 27.22 ft., with cot face.
 A ponderosa pine, 24 ins. diam., bears S52°W, 77.88 ft., with cot face.
 A ponderosa pine, 16 ins. diam., bears N62°W, 108.24 ft., with cot face.

David P. Evans, PLS No. 20679, 2020

A 3 1/2 ins. BCC aluminum monument and accessories per ROS AFN 287867.

(N-7)

GLO Survey by Lewis D.W. Shelton, 1895

Set: A pine post 5 ft. long, 4 ins. sq. 24 ins. in ground for 1/4 sec. cor. marked 1/4 S on N face, from which:
 A pine, 10 ins. diam., bears S10°W, 12 ins. dist., marked 1/4 S BT.
 A pine, 18 ins. diam., bears N58°W, 7 ins. dist., marked 1/4 S BT.

USBOR Columbia Basin Project, Index Map No. KT-2, August 26, 1937.
 Carl M. Berry Sr., PLS No. 22
 See Triangulation Station Notes for SEC 3153, 1937.
 Note 21-A: A chiseled cross on granite boulder.

Record of Survey by Thomas K. Carlson, PLS 13339, AFN 433478, 1976, AFN 449596, 1976 & AFN 464177, 1977.

Found: The original stone.
 Record of Survey by Thomas E. Todd, PLS 19648, AFN 239883, 1998

Found: Position per USBR, Record data, found stone mtd "+" on top, bears S65°58'01"W, 7.05 ft. from 1/4 corner position.

David P. Evans, PLS No. 20679, 2020

A quartz stone 126x4 ins. with "x" on top & 1/4 on north face. GLO BT's set: A quartz stone by farming.
 Removed stone and set a 3 1/2 ins. aluminum breakaway monument, from which:
 A ponderosa pine, 30 ins. diam., bears N42°E, 60.3 ft. dist., scribed 1/4 S17 BT.
 A ponderosa pine, 5 ins. diam., bears S73°E, 30.6 ft. dist., scribed 1/4 S20 BT.
 (See Narrative on this page)

RECORD OF SURVEY

for
 HANCOCK NATURAL RESOURCE GROUP
 IN SECTION 20, T38 N, R37E, W4M,
 FERRY COUNTY, WASHINGTON &
 STEVENS COUNTY, WASHINGTON

(N-9)

GLO Survey by Lewis D.W. Shelton, 1895

Set: A pine post 5 ft. long, 4 ins. sq. 24 ins. in ground for cor. of secs. 16, 17, 20 & 21, marked T38N S16 on NE, R37E S21 on SE, S20 on SW and S17 on NW faces with 3 notches on S, and 4 notches on E, edges, from which:
 A pine, 9 ins. diam., bears N49°E, 17 ins. dist., marked T38N R37E S16 BT.
 A pine, 22 ins. diam., bears S23°W, 30 ins. dist., marked T38N R37E S21 BT.
 A pine, 10 ins. diam., bears N51°W, 16 ins. dist., marked T38N R37E S17 BT.
 USBOR Columbia Basin Project, Index Map No. KT-2, August 26, 1937.
 Carl M. Berry Sr., PLS No. 22
 See Triangulation Station Notes for SEC 3340, 1937.
 Note 21-A: A chiseled cross on granite boulder.

Plot of Kettle River Park Estates, by Phillip L. Sargent, Book 1 of Record of Plats, on Page 103, 1967.
 Record of Survey by Richard R. Shatto, PLS 16926, AFN 190190, 1981 & LCR AFN 197934, 1984

Found: The granite stone and BT as set Bureau of Reclamation.
 Accepted stone as section scribed new BT as follows:
 A pine, 10 ins. diam., bears N58°W, 40.31 ft. dist., marked T38N R37E S17 BT.
 Record of Survey by Thomas E. Todd, PLS 19648, AFN 239883, 1998
 Found: A stone marked "+" on top per USBR Record data.

Shortwood Short Plot by Grant D. Tolton, PLS 19648, AFN 241986, 1998

Found: A stone marked "+" on top.

Barstow Bridge Short Plot by Thomas E. Todd, PLS 20865, AFN 255723, 2002

Found: Original "10'x8" Stone monument buried 0.5' below grade on road shoulder. Found two existing
 A pine 26 ins. dia., with blaze and scribble, bears N45°E, 28.7 ft. dist.
 A pine 12 ins. dia., with blaze and scribble, bears N55°W, 41.3 ft. dist.

Shortwood Lot "D" Short Plot by Thomas E. Todd, PLS 19648, AFN 261113, 2005

Found: A stone marked "+" on top.

David P. Evans, PLS No. 20679, 2020

Found: A stone 8x2.5 ins. with legible grooves & "x" on top, down 8 ins. below gravel shoulder on
 A ponderosa pine, 28 ins. diam., bears N44°E, 28.1 ft. dist., with visible scribbling & BT.
 Added snow blaze.
 A ponderosa pine, 24 ins. diam., bears N87°W, 40.9 ft. dist., with headed cot face.
 Added snow blaze.
 A ponderosa pine, 16 ins. diam., bears N64°W, 40.9 ft. dist. Added snow blaze.

(AP1-RRR)

GLO: Not set by GLO

Record of Survey by Richard R. Shatto, PLS 16926, AFN 190190

Set: 1/2 in. Rebar & Cop.

David P. Evans, PLS No. 20679, 2020

Set: A 3 1/2 ins. aluminum breakaway monument, from which:
 A ponderosa pine, 10 ins. diam., bears N41°E, 10.3 ft. dist., scribed PROP COR BT.
 A ponderosa pine, 12 ins. dia., bears N66°E, 10.0 ft. dist., scribed PROP COR BT.

(AP2-RRR)

GLO: Not set by GLO

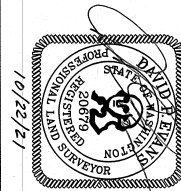
Record of Survey by Richard R. Shatto, PLS 16926, AFN 190190

Set: 1/2 in. Rebar & Cop.

David P. Evans, PLS No. 20679, 2020

Found: A 2 ins. aluminum cap on 1/2 in. rebar, from which:
 A fiberglass post bears north, 1 ft. north.
 Set:
 A Douglas-fir, 8 ins. dia., bears N40°E, 21.5 ft. dist., scribed PROP COR BT.
 A Douglas-fir, 10 ins. dia., bears N63°E, 35.1 ft. dist., scribed PROP COR BT.

20210012775



Project No.	20-0028 Hancock	Project Name	20-0028 Stool ROS
Section	1/4	Township	38 N
Range	37 E	County	FERRY
HANCOCK NATURAL RESOURCE GLAHC & ASSOCIATES PROJECTS/LAND SURVEYORS 303 CHURCH ST. STE 200 SPOKANE, WA 99201-8364 (208) 765-4474			
Scale	N/A	Drawn By	DPE/vms
Checked By	DPE/vms	Drawn By	TRW
Sheet	1 of 4	Scale	1" = 40'

41-220

for
HANCOCK NATURAL RESOURCE GROUP
 IN SECTION 20, T38 N., R37E, W.M.,
 FERRY COUNTY, WASHINGTON &
 STEVENS COUNTY, WASHINGTON

(P-5)

GLD: Not set by GLD

Record of Survey by Thomas E. Todd, PLS 19648, AFN 239883, 1998

Set:
 A 1/2 in. rebar with 1 1/2 ins. aluminum cap.
 Find Rebar & cap mkt. LS 16926, per Bk1, Pg. 152, bears N38°26'28"W, 5.43 ft.

David P. Evans, PLS No. 206739, 2020

Found:
 A 1 1/2 ins. aluminum cap on rebar, PLS No. 19648
 Set:
 A 3/8 in. rebar & cap, PLS 16926, N39°20'45"W, 5.22 ft. from alum. cap.
 A ponderosa pine, 20 ins. diam., bears S76°E, 16.9 ft. dist., scribbled PROP COR BT.
 A ponderosa pine, 12 ins. diam., bears N8°W, 38.7 ft. dist., scribbled PROP COR BT.



(P-5)

GLD: Lewis D. W. Shelton, April 15, 1895

A pine post 5 ft. long 4 ins. sq. 24 ins. in ground for 1/4 sec. cor. marked 1/4 S on W. face, from which:
 A pine, 15 ins. diam., bears N26°E, 34 ins. dist., marked 1/4 S BT.
 A pine, 15 ins. diam., bears S37°34'W, 9 lks. dist., marked 1/4 S BT.

USBOR Columbia Basin Project, Index Map No. KT-2, August 26, 1937.

Carl M. Berry Sr., PLS No. 22

See triangulation Station Notes for SEC 3321, 1937.

Note 21-A: A chained cross on granite boulder.

Geord L. Gardner, AFN 191946, July, 1982

Miched Carl Howells, PLS No. 23601, AFN 241249, July, 1998

Found:
 At an ancient fence corner, found the 1935 USBR corner monument. A stone, green colored 11x56 ins. marked 1/4 on the west face and + on top. Also found the remains of a scribbled 3 ins. square cedar post per USBR records.
 Set:
 A 4 in. rebar 60 ins. long, 12 ins. below ground surface, with 1 1/2 ins. aluminum cap.
 A ponderosa pine, 18 ins. diam., bears S81°W, 101.2 ft.
 A ponderosa pine, 21 ins. diam., bears S12°0'E, 45.1 ft.



David P. Evans, PLS No. 206739, 2016, AFN 287987.

Found:
 The original stone with 1/4 on W. face and "X" on top. Underneath stone found a 1 1/2 ins. aluminum cap, from which:
 A ponderosa pine, 24 ins. diam., bears S12°E, 43.02 ft. dist., with cut face.
 A ponderosa pine, 24 ins. diam., bears S81°W, 100.0 ft. dist., with cut face. 169 roads 44.71 ft. Changed dist. on top. Buried stone to the north.

David P. Evans, PLS No. 206739, 2020

Found:
 A 1 1/2 ins. aluminum cap and accessories per ROS AFN 287987.

(P-7)

GLD: Not set by GLD

Record of Survey by Thomas E. Todd, PLS 19648, AFN 241912, 1998

Record of Survey by Michael Carl Howells, PLS 23601, AFN 241249, 1998
 No corner monument found, calculated a position from the 1981 USBR Boundary Map 222-117-16430 (Sheet 101 of 237). The 1936 USBR Compilation Map 114-S (Sheets 6, 19-22), and the 1935 USBR field book 61-S and 61-SB. Field Book 71-S appears to be missing. Also computation Book 75-S (Sheets 4-7), and Acquisition Map L 168 (Sheets 1808-1809) Dated November 1937. Todd's rebar and cap bears N89°59'20"W, 40.01 ft.

Record of Survey by Thomas E. Todd, PLS 19648, AFN 239883, 1998

Shortwood Short Plot by Thomas E. Todd, PLS 19648, AFN 241906, 1998

Record of Survey by Grant D. Tolton, PLS 20865, AFN 246794, 2000
 Center quarter corner for sec. 20. Set 3/4 x 2 1/2 ins. steel rebar with 2 ins. diam. aluminum cap No. 20865 at position established by U.S. Bureau of Reclamation and used by Thomas Todd. Set one bearing tree:
 A pine, 18 ins. diam., bears N13°W, 113.4 ft. dist., marked C 1/4 S20 BT.
 Also a 5/8 in. rebar with 1 1/2 ins. aluminum cap of property corner, bears S88°03'37"W, 40.04 ft. dist.

Record of Survey by Grant D. Tolton, PLS 20865, AFN 255614, 2003
 Center quarter corner for sec. 20. Found 2 ins. aluminum cap No. 20865 on 3/8 in. rebar and one BT.

Record of Survey by Thomas E. Todd, PLS 19648, AFN 266783, 2006

Record of Survey by Thomas E. Todd, PLS 19648, AFN 266922, 2006

Roemer Estates Short Plot by Grant D. Tolton, PLS 20865, AFN 269546, 2007

Found:
 A 3/8 in. rebar with 2 ins. aluminum cap LS No. 20865 and one bearing tree.
 David P. Evans, PLS No. 206739, 2020



A 3/8 in. rebar, from which:
 A ponderosa pine snag, 24 ins. diam., bears N13°W, 113.9 ft. dist., with healed cut face.
 A 3 1/2 ins. aluminum cap on existing 3/8 in. rebar, from which:
 A ponderosa pine, 10 ins. dia., bears N14°E, 104.5 ft. dist., scribbled C 1/4 S20 BT.
 A ponderosa pine, 8 ins. dia., bears N28°E, 106.3 ft. dist., scribbled C 1/4 S20 BT.

(P-9)

GLD: Lewis D. W. Shelton, August 10, 1895

Set: Nothing set. Corner falls in the Kettle River. Set MC at 37.30 Ch. on south bank and MC at 40.20 Ch. on North Bank

USBOR Columbia Basin Project, Index Map No. KT-2, August 26, 1937.

Carl M. Berry Sr., PLS No. 22

MAD 27 Coordinate positions of Meander Corners.

David P. Evans, PLS No. 206739, 2020

MAD 85 Coordinate position calculated from 1937 coordinates by PLS No. 22. Index Map No. KT-2.

(Q-6)

GLD: Not set by GLD

Record of Survey by Michael Carl Howells, PLS 23601, AFN 241249, 1998

Found:
 A No. 5 rebar, 3 ins. below road surface, very near the centerline of Hodgson road No. 589, with a 1 1/2 ins. aluminum cap.

Record of Survey by Thomas E. Todd, PLS 19648, AFN 239883, 1998

Set:
 A 3/8 in. rebar with 1 1/2 ins. aluminum cap.

Record of Survey by Grant D. Tolton, PLS 20865, AFN 255614, 2003

Southwest 1/16th corner for sec. 20. Found a 1 1/2 ins. aluminum cap No. 19648 on 3/8 in. rebar, 3 ins. below road grade.

David P. Evans, PLS No. 206739, 2020

Found:
 A 3/8 in. rebar with old flagging, down 0.6 ft. in road bed.
 Set:
 Removed 1/2 in. rebar & set 3/8 ins. aluminum cap on a 3/8 in. rebar, down 0.6 ft. below road surface, from which:
 A ponderosa pine, 18 ins. dia., bears N66°E, 39.5 ft. dist., scribbled SW 1/16 S20 BT.
 A ponderosa pine, 20 ins. dia., bears N71°W, 62.1 ft. dist., scribbled SW 1/16 S20 BT.



(R-5)

GLD: Lewis D. W. Shelton, April 15, 1895

A pine post, 4 1/2 ft. long 4 ins. sq. 24 ins. in ground for cor. of sec. 19, 20, 29
 with 2 notches on S. and 5 notches on E. edges, from which:
 A pine, 12 ins. diam., bears N29°E, 9 lks. dist., marked T38N R37E S20 BT.
 A pine, 10 ins. diam., bears S68°E, 40 lks. dist., marked T38N R37E S20 BT.
 A tamarock, 10 ins. diam., bears S29°W, 60 lks. dist., marked T38N R37E S20 BT.
 A pine, 40 ins. diam., bears N28°W, 117 lks. dist., marked T38N R37E S19 BT.
 USBOR Columbia Basin Project, Index Map No. KT-2, August 26, 1937.
 Carl M. Berry Sr., PLS No. 22
 See triangulation Station Notes for SEC 3300, 1937.
 Note 21-A: A chained cross on granite boulder.

GLD: ED. Cohn, September 11-27, 1937. Special Instruction, Group No. 163.
 The cor. of secs. 19, 20, 29 and 30. The original wood post cor. monument is gone, and in its place is a granite stone, 6x3x1 ins. above ground, firmly set, and marked 3 notches on E. and 2 notches on S. edge. Only a stump remains of the original S.E. bearing tree, and the N.E. and S.W. corners of the section are marked by iron pins. The monument is occupied by adjacent land owners as the sec. cor. I accept this stone as the corner, from which:
 A pine, 20 ins. diam., bears N54°E, 68 lks. dist., marked T38N R37E S20 BT.
 A pine, 4 ins. diam., bears N73°W, 44 lks. dist., marked T38N R37E S19 BT.
 No bearing trees available in secs. 29 or 30. Piles or mounds impracticable.

Richard R. Shatto, LS No. 16926, ROS AFN 190190, October, 1981.
 LCR AFN 190193, October, 1981

The stone described in the re-survey notes. While digging to set monument, found remains of original wood post. Found two original BTs in good condition.
 Set:
 In place of stone, set a 3 1/2 x 30 ins. aluminum monument, from which:
 A pine, 14 ins. diam., bears S10°E, 31.76 ft. dist., scribbled T38N R37E S29 BT.
 A pine, 14 ins. diam., bears S10°E, 31.76 ft. dist., scribbled T38N R37E S29 BT.



Miched C. Howells, LS No. 23601, October, 1993, AFN 223858

A standard BCC alum. mon., firmly set, 1/2 ft. south of E-W fence line, per LCR BK 2.
 FC 3, AFN 190193, from which:
 A ponderosa pine, 24 ins. diam., bears N74°20'W, 28.4 ft. dist.
 A ponderosa pine, 31 ins. diam., bears N55°29'E, 42.3 ft. dist.
 A ponderosa pine stump, 14 ins. diam.

David P. Evans, PLS No. 206739, 2016, AFN 287987.

Found:
 A 3 1/2 ins. Bala Cascade Corporation alum. mon., from which:
 A ponderosa pine, 36 ins. diam., bears N55°E, 42.3 ft. dist., with cut face.
 A ponderosa pine, 32 ins. diam., bears N60°W, 28.1 ft. dist., with cut face.

David P. Evans, PLS No. 206739, 2020

Found:
 A 3 1/2 ins. BCC aluminum monument and accessories per ROS AFN 287987.



Project No.	20-0028 Hancock	Project Name	20-0028 Stead ROS
Section	20	Township	N
Range	38	East	E
Map			
DATE & ASSOCIATES	PROFESSIONAL LAND SURVEYORS		
303 Church Street	Sunnyside, WA 98864		
206-765-4474			
State	N/A	Checked By	DPE / TRW
Drawn By		State	3 of 4

20210012775

RECORD OF SURVEY

for

HANCOCK NATURAL RESOURCE GROUP
IN SECTION 20, T.38 N., R.37E, W.4M.,
FERRY COUNTY, WASHINGTON &
STEVENS COUNTY, WASHINGTON

R-6

GLQ: Not set by GLQ

Record of Survey by Richard R. Shatto, PLS 16926, AFN 190190, 1981 & LCR AFN 190192, 1981

At proportionate distance, set a 3 1/2 x 30 ins. aluminum monument, from which:
Set:
A pine, 10 ins. diam., bears N16E, 19.64 ft. dist., marked W 1/16 S20 BT.
A pine, 14 ins. diam., bears S89E, 51.65 ft. dist., marked W 1/16 S29 BT.

Record of Survey by Michael Carl Howells, PLS 23601, AFN 223858, 1993

1981 ROS Mon. destroyed
Set: Standard BCC alum. mon. in C/L mound of rock, 2 ft. base x 1 ft. high,
from which bears:
1981 S20 BT, 22 in. P. Pipe, N8835E, 52.3 ft., headed blaze.
1981 S20 BT, 22 in. P. Pipe, N1434E, 21.7 ft., headed blaze.
1992 S20 BT, 19 in. D. Pin, N851E, 79.9 ft., marked W 1/16 S20 BT.

Record of Survey by Michael Carl Howells, PLS 23601, AFN 241249, 1998

Found: A 1993 BCC aluminum monument and BIs per ROS AFN 223858.

Record of Survey by Thomas E. Todd, PLS 19648, AFN 239883, 1998

Found aluminum monument per Bk. 3, Pg. 49.

David P. Evans, PLS No. 20679, 2020

A 3 1/2 ins. BCC aluminum mon., PLS 23601, 1992 by garage
at private residence, from which: A wood post, bears north, 1 ft.
A ponderosa pine, 28 ins. diam., bears N89E, 52.3 ft. dist., with headed cat face.
Added snow blazes.
A Douglas-fir, 24 ins. diam., bears N03E, 79.8 ft. dist., with headed cat face.
Added snow blazes.



R-7

GLQ: E.D. Colvin, September 11-27, 1937, Special Instruction, Group No. 163

Intersect 1310 ft. contour, Columbia River Reservoir.

Set on iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for closing cor. of frac.
sec. 20 and 29, with brass cap, 209 lbs. dist., mtd. T38N R37E S29 CC BT.
A pine, 8 ins. diam., bears S49 1/2 W, 226 lbs. dist., mtd. T38N R37E S32 CC BT.
A pine, 8 ins. diam., bears S59 1/2 W, 171 lbs. dist., marked T38N R37E S29 BT.
An older, 7 ins. diam., bears N31 1/2 W, 40 lbs. dist., marked T38N R37E S20 BT.

USBOR Columbia Basin Project, Sheet 101 of 237, Nov. 30, 1981.

David P. Evans, PLS No. 20679, 2020

Found: 1937 GLQ Brass Cap.



R-9

GLQ Survey by Lewis D.W. Shelton, 1895

Set a poplar post, 5 ft. long 4 ins. sq. 24 ins. in ground for cor. of secs. 20, 21, 28 and 29
marked T38N S21 on NE, R37E S28 on SE, S29 on SW and S20 on NW faces, with 2 notches
on each face. The monument is 20 ft. high and bears:
A birch, 3 ins. diam., bears N18 1/2 E, 10 1/4 lbs. dist., marked T38N R37E S21 BT.
A poplar, 3 ins. diam., bears S59 1/2 W, 20 lbs. dist., marked T38N R37E S28 BT.
A fir, 36 ins. diam., bears S69 W, 171 lbs. dist., marked T38N R37E S29 BT.
An older, 7 ins. diam., bears N31 1/2 W, 40 lbs. dist., marked T38N R37E S20 BT.

USBOR Columbia Basin Project, Index Map No. KT-2, August 26, 1937.

Carl M. Berry Sr., PLS No. 22

See triangulation Station Notes for SEC. 3330, 1937.

Note 21-A: A chiseled cross on granite boulder.

GLQ: E.D. Colvin, September 11-27, 1937, Special Instruction, Group No. 163.

The cor. of secs. 20, 21, 28 and 29. The original wood post cor. monument is gone, and in its
place is a granite stone, 7x7x2 ins. above ground, firmly set, and marked 4 notches on E. and
2 notches on S. edge. Only a stump remains of the original NE bearing tree, and the SE. and
NW. trees are gone. I accept this stone as the cor., from which:
A tamarack, 26 ins. diam., bears N89 1/2 E, 353 lbs. dist., marked T38N R37E S21 BT. (new)
A pine, 28 ins. diam., bears S73E, 540 lbs. dist., marked T38N R37E S28 BT. (new)
A fir, 36 ins. diam., bears S69 W, 171 lbs. dist., marked T38N R37E S29 BT. (original)
A pine, 28 ins. diam., bears N37 W, 242 lbs. dist., marked T38N R37E S20 BT. (new)

Record of Survey by Richard R. Shatto, PLS 16926, AFN 190190, 1981

& LCR AFN 511969, 1981

Found:
Stone described in resurvey notes and two BT stumps. Scrubbed new BIs:
A fir, 10 ins. diam., bears S57E, 18.88 ft. dist.
A fir, 10 ins. diam., bears S57E, 26.96 ft. dist.
A pine, 14 ins. diam., bears N53 W, 18.72 ft. dist.
A pine, 14 ins. diam., bears N53 W, 18.72 ft. dist.



Record of Survey by Lawrence E. Benson, PLS 18076, AFN 2009000153, 2009

Found 7x7x2 ins. high stone with "X" on top marked with 4 notches E. & 2 notches S.

from which:
A birch, 9 ins. diam., bears N55E, 18.63 ft. dist., with blaze.
A spruce, 17 ins. diam., bears S52E, 26.73 ft. dist., with blaze.
A decomposing stump with scrubbing bears S70 W, 14.60 ft. dist.

David P. Evans, PLS No. 20679, 2020

Found:
A 4 ins. square concrete post with inlaid 2 ins. unmarked aluminum cap, from which:
An aspen, 10 ins. diam., bears N57E, 18.9 ft. dist., with BT top. Added snow blaze.
A spruce, 22 ins. diam., bears S52E, 27.0 ft. dist., with BT top. Added snow blaze.
A spruce, 28 ins. diam., bears N53 W, 18.7 ft. dist., with headed cat face.
Added snow blaze.

(no record found of the origin of this monument, see narrative on Sheet 2)



Record of Survey by Thomas E. Todd, PLS 19648, AFN 239883, 1998

Found: A stone marked 1/4" per USBR Record data.

David P. Evans, PLS No. 20679, 2020

Found: A stone marked 1/4" per USBR Record data.

Record of Survey by Thomas E. Todd, PLS 19648, AFN 241986, 1998

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