

CERTIFICATE OF SURVEY

DEPENDENT RESURVEY AND RETRACEMENT OF
H.E.S. 747 and 749 IN UNSURVEYED SECS. 17
AND 20, T.34N., R.34W., P.M., MT.

AND RETRACEMENT OF THE IDAHO-MONTANA
STATE LINE

LINCOLN COUNTY, MONTANA

AUGUST 2001

FOREST SUPERVISOR'S CERTIFICATE

This survey was made at my request for National Forest Management purposes
Bob Custaneo
Bob Custaneo, Forest Supervisor Date 2/19/2002

LEGEND

- Projected corner position, no monument searched for, not used in this survey
- ⊙ 5/8" steel rebar found, per C.O.S. 1226, marked JHN 4661S
- State line monument found and utilized this survey; a 3 1/2" dia. iron pipe with 4" bronze cap, marked U.S. Geological Survey, Idaho-Montana Boundary Line
- ⦿ Original HES stone monument found and utilized this survey
- ⊕ Homestead corner monument set this survey; a 2 1/2" dia. aluminum pipe with 3 1/4" aluminum cap, marked U.S.D.A., Forest Service, 2001, 13769LS
- ⊗ Section corner monument found; a 2 1/2" dia. aluminum pipe with 3 1/4" aluminum cap, set by John D. Marquette, Reg. No. 7877 and recorded on C.P. & F. Inst. No. 190219, Book 122, Page 395, filed in the Boundary County Courthouse, Boundary County, Idaho
- Projected Section line and State line
- - - Protracted Section line
- Idaho-Montana State Boundary
- Property boundary marked and posted to U.S.F.S. Region 1 standards
- () 1899 U.S.G.S. Original record of the Idaho-Montana State line
- (()) 1903 G.L.O. Original record of the Fractional Subdivision of T.34N., R.34W., by Allen B. Benedict
- < > 1917 Original C.L.O. record of H.E.S. 749 and retracement record of a part of the Idaho-Montana State line, by E. R. Johnson
- { } 1920 Original C.L.O. record of H.E.S. 747, retracement record of a part of the Idaho-Montana State line and the retracement record of the W. 1/2 mile of line between Secs. 20 and 29, T.34N., R.34W., by Grant Higgins
- [] C.O.S. No. 1226 record by Jack H. Ninneman, Reg. 4661S, 1984
- * * C.O.S. record by Kenneth E. Davis, Reg. No. 3980, recorded at the Boundary County Courthouse, Boundary County Idaho, Book No. 3, Page No. 104 and 105, 1995
- [[]] C.O.S. record by John D. Marquette, Reg. No. 7877, recorded at the Boundary County Courthouse, Boundary County Idaho, Book No. 48, Page No. 13, as Instrument No. 190429 1998

PURPOSE OF SURVEY

The purpose of this survey is to retrace and mark a portion of the boundaries of an existing record parcel, distinguishing between National Forest System Lands and private lands, therefore no division of land is hereby created.

LEGAL DESCRIPTION OF PRIVATE LANDS:

H.E.S. 747 in unsurveyed section 20 and H.E.S. 113, 749, and 750 in unsurveyed section 17, T.34N., R.34W.

LEGAL DESCRIPTION OF NATIONAL FOREST SYSTEM LANDS:

Unsurveyed section 20 excepting H.E.S. 747 and unsurveyed section 17 excepting H.E.S. 113, 749, and 750, T.34N., R.34W.

HISTORY OF SURVEY

- 1899, U.S.C.S. Original survey of the Idaho-Montana State line
- 1903, G.L.O. Original Fractional Subdivision of T.34N., R.34W., by Allen B. Benedict
- 1917, Original G.L.O. survey of H.E.S. 749 and retracement record of a part of the Idaho-Montana State line, by E. R. Johnson
- 1920, Original G.L.O. survey of H.E.S. 747, retracement of a part of the Idaho-Montana State line and the retracement of the W. 1/2 mile between Secs. 20 and 29, T.34N., R.34W., by Grant Higgins
- C.O.S. No. 1226 record by Jack H. Ninneman, Reg. 4661S, 1984
- C.O.S. by Kenneth E. Davis, Reg. No. 3980, recorded at the Boundary County Courthouse, Boundary County Idaho, Book No. 3, Page No. 104 and 105, 1995
- C.O.S. by John D. Marquette, Reg. No. 7877, recorded at the Boundary County Courthouse, Boundary County Idaho, Book No. 48, Page No. 13, as Instrument No. 190429 1998

METHOD OF SURVEY

The control traverse was accomplished using a one second Total Station, (Sokkia Set 2 CII, SN: 13395) and a data collector (HP48GX with TDS software) utilizing closed loop random traverse procedures. Offsets were then computed from the random traverse points to the true boundary line. The boundary lines were marked and posted by blazing and painting trees, and placing galvanized steel delineator posts with property boundary decals along the true line and adhering to the standards referred to in the U.S.D.A. Forest Service Region One Cadastral Survey Contract Specifications Manual, dated 1987.

BASIS OF BEARING

Bearings are based on the 1994 Certificate of Survey #1226 by Jack H. Ninneman, Reg. No. 4661S, between cor. 1 and cor. 8 of H.E.S. 749. The basis of bearing for C.O.S. #1226 was based on the G.L.O. bearing for the line between cors. 1 and 2 of H.E.S. 749, which was based on a polaris observation.

FIELD CREW

Party Chief: Steve Boyer, 9750LS, Assistant: Tom Hommel

Graphics: Tom Hommel

Survey commenced August 2001

Survey completed August 2001

SURVEYOR'S CERTIFICATE:

I hereby certify that I am a registered land surveyor in the State of Montana, that the survey shown on this Certificate of Survey has been prepared in accordance with Montana Code Annotated (Sections 76-3-101 through 76-3-625) and the Lincoln County regulations adopted pursuant thereto.

Roger O. Green, Montana Reg. No. 13769LS
Kootenai National Forest, 1101 US Hwy. 2 West, Libby, Mt. 59923

CERTIFICATE OF EXAMINING OFFICIAL:

Approved this _____ day of _____ 200____, A.D.

Examining Official

Approved _____
Chairman, Lincoln County Commissioners

CERTIFICATE OF CLERK AND RECORDER:

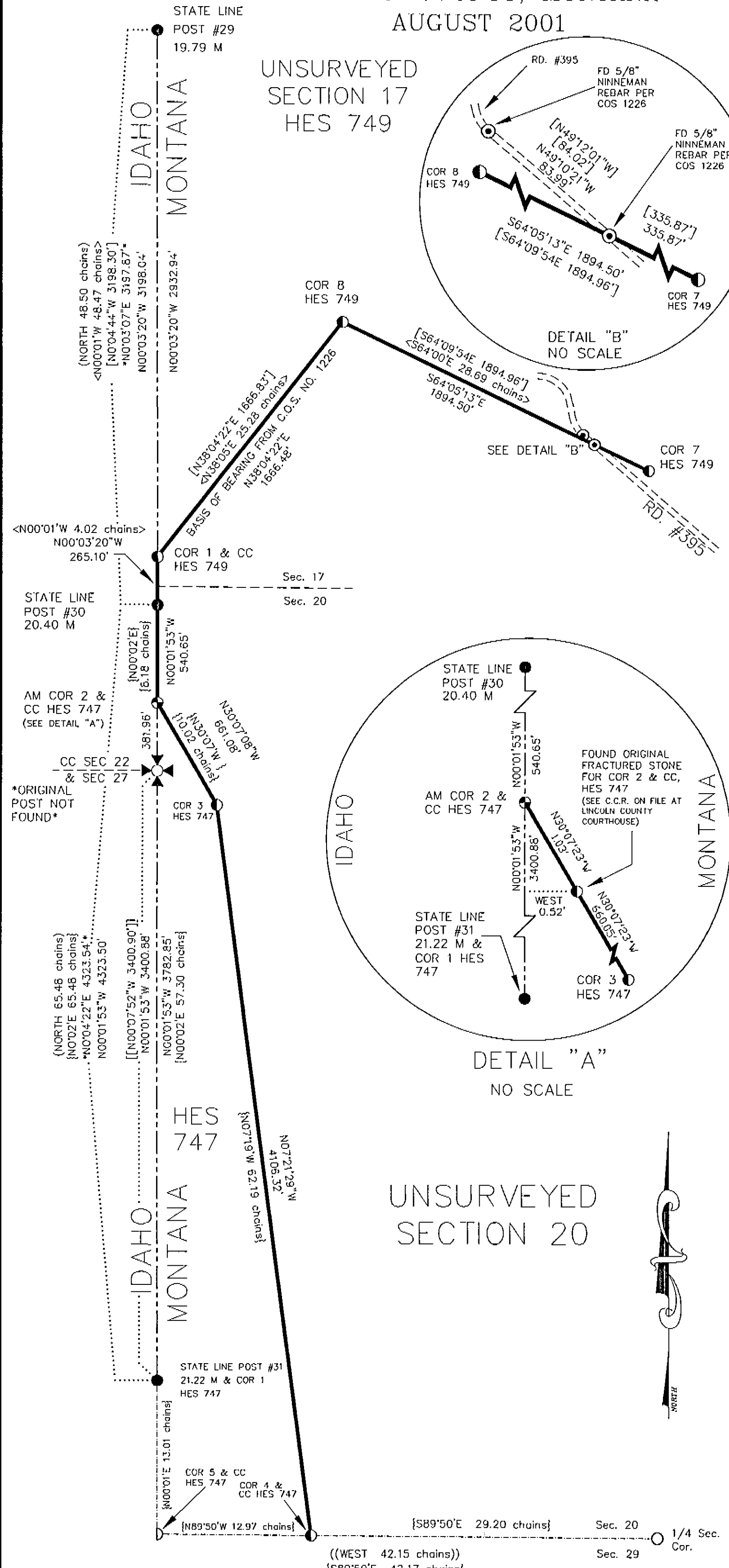
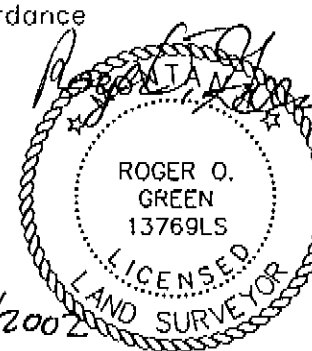
State of Montana, County of Lincoln, filed this _____ day

of _____ 200____, A.D. at _____ o'clock _____

Carol M. Cummings by *Debra J. Blunt*
County Clerk Recorder Deputy

DOCUMENT NO. 157239

CERTIFICATE OF SURVEY NO. 3083



GRAPHIC SCALE



(IN FEET)
1 inch = 500 ft.