

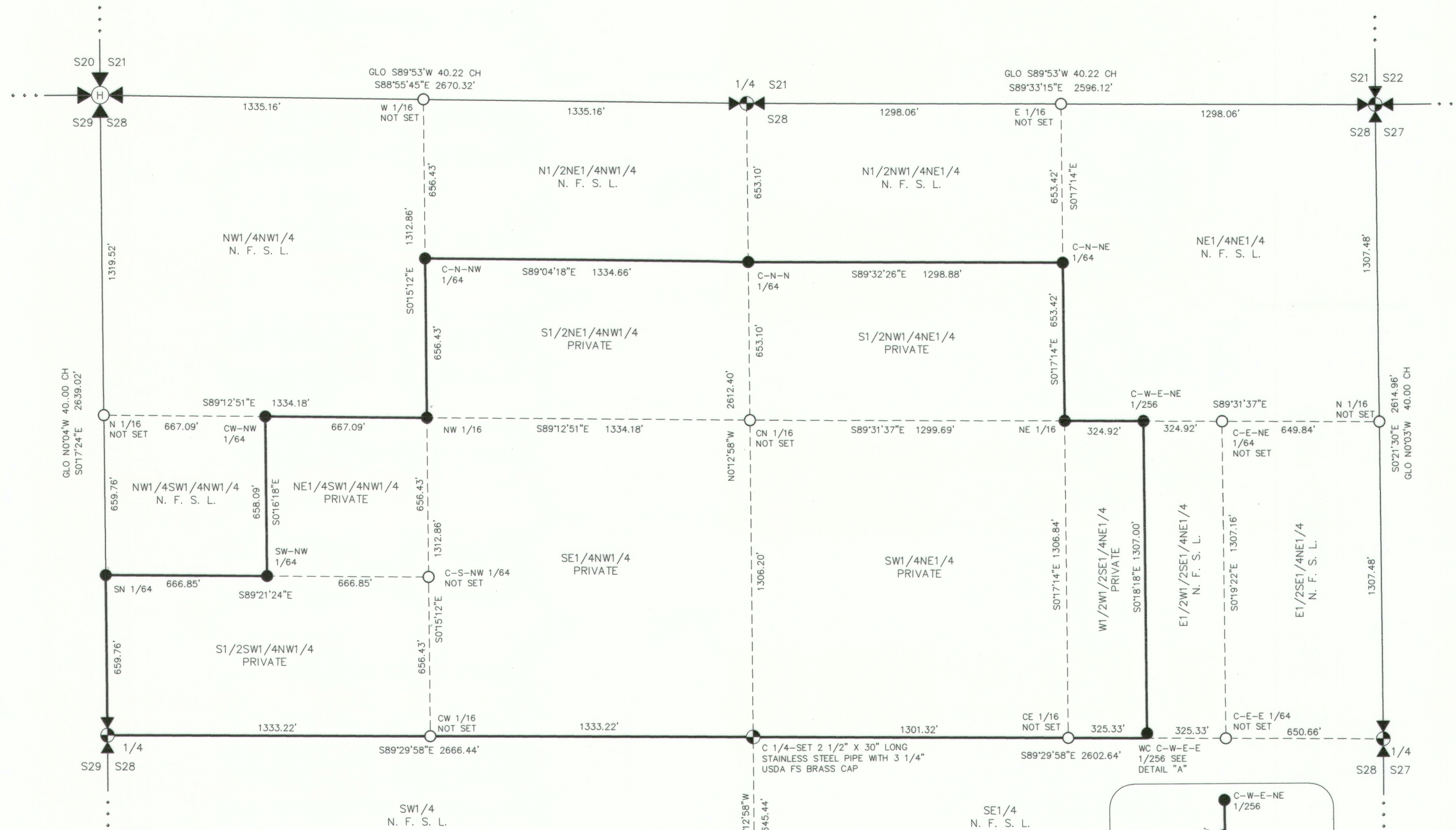
**CERTIFICATE OF SURVEY**  
 DEPENDENT RESURVEY AND SECTION SUBDIVISION  
 NE1/4 & NW 1/4  
 SEC. 28, T.32N., R.31W., P.M., MT.  
 LINCOLN COUNTY, MONTANA  
 OCTOBER 2018

**FOREST SUPERVISOR'S CERTIFICATE**

This survey was made at my request for National Forest management purposes

*Carmi Winslow*  
 Chad W. Benson, Acting Forest Supervisor

10/15/18  
 Date



**PURPOSE OF SURVEY**

THE PURPOSE OF THIS SURVEY IS TO RETRACE AND MARK THE BOUNDARIES OF AN EXISTING PARCEL, DISTINGUISHING BETWEEN NATIONAL FOREST SYSTEM LANDS AND PRIVATE LANDS AND NO DIVISION OF LAND IS HEREBY CREATED, EXEMPTING THIS SURVEY FROM SUBDIVISION REVIEW, SEC. 76-3-404, MCA.

**LEGAL DESCRIPTION OF PRIVATE OWNERSHIP:**

W1/2W1/2SE1/4NE1/4, SW1/4NE1/4, SE1/4NW1/4, S1/2SW1/4NW1/4, NE1/4SW1/4NW1/4, S1/2NE1/4NW1/4, S1/2NW1/4NE1/4, SECTION 28, T32N, R31W, P.M., MT

**LEGAL DESCRIPTION OF NATIONAL FOREST SYSTEM LANDS:**

NE1/4NE1/4, E1/2SE1/4NE1/4, E1/2W1/2SE1/4NE1/4, SE1/4, SW1/4, NW1/4SW1/4NW1/4, NW1/4NW1/4, N1/2NE1/4NW1/4, N1/2NW1/4NE1/4, SECTION 28, T32N, R31W, P.M., MT

**HISTORY OF SURVEY**

1894 GLO SUBDIVISION OF T32N, R31W BY ABRAM L. JAQUETH.  
 1976 BLM REMONUMENTATION BY JOSEPH E. FRENCH  
 1977 BLM REMONUMENTATION BY LARRY A. CHRISTIANSEN

**METHOD OF SURVEY**

GPS RTK USING TRIMBLE R8 ROVER AND R8 BASE, POST PROCESSED AGAINST THE CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) IN MISSOULA AND KALISPELL, MT. AND FOOT HILL, ID

**BASIS OF BEARING**

ALL BEARINGS ARE BASED UPON THE GEODETIC MERIDIAN OBTAINED THROUGH GPS OBSERVATIONS FOR PROJECT CONTROL. A LOCAL COORDINATE SYSTEM WAS ESTABLISHED WITH THE ORIGIN AT THE S 1/4 OF SECTION 28. GEODETIC BEARINGS ARE EQUAL TO LOCAL PLANE BEARINGS ON RADIAL LINES EXTENDING FROM THIS ORIGIN.

**GEODETIC POSITION: S 1/4 SECTION 28**

THE NAD 83 (CORS 2011) (EPOCH:2010.0000) LATITUDE AND LONGITUDE WAS DETERMINED BY POST PROCESSING A SURVEY GRADE (TRIMBLE R8) GLOBAL POSITIONING SYSTEM (GPS) DATA FILE USING THE NATIONAL GEODETIC SURVEY (NGS) ON-LINE POSITIONING SERVICE (OPUS). THE FILE WAS PROCESSED WITH RESPECT TO CORS STATIONS IN MISSOULA AND KALISPELL, MT AND FOOT HILL, ID, THROUGH REAL TIME KINEMATIC OBSERVATION (RTK). THE POSITION IS ESTIMATED TO BE WITHIN 7CM AT 95% CONFIDENCE RELATIVE TO THE NATIONAL SPATIAL REFERENCE SYSTEM (NSRS)

**SURVEYOR'S NOTES**

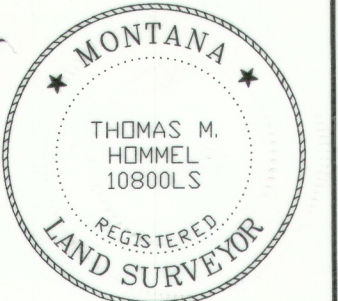
SURVEYED BY: T. HOMMEL, N. DEVITO, S. WILLIS  
 DATE OF FIELD WORK: 5/2018  
 DRAWN BY: T. HOMMEL 10/2018  
 CHECKED BY: T. HOMMEL

**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 the Montana Code Annotated (Sections 76-3-101 through 76-3-625) and the Lincoln County regulations adopted pursuant thereto.

*Thomas M. Hommel*  
 Thomas M. Hommel, Montana Reg. No. 10800LS

10/15/18  
 Date



**CERTIFICATE OF EXAMINING SURVEYOR**

Examined: *Ronald A. Pearson*  
 Ronald A. Pearson, Reg. No. 9008LS  
 Lincoln County Examining Official

Oct 29, 2018  
 Date

STATE OF MONTANA  
 County of Lincoln

Filed on the 29th day of October, 2018 A.D., at 12:48 o'clock P.m.

*Robin Benson*  
 County Clerk and Recorder

By: *Clyde E. Rm*  
 Deputy

Instrument Record No. 276703

CERTIFICATE OF SURVEY NO. #4564

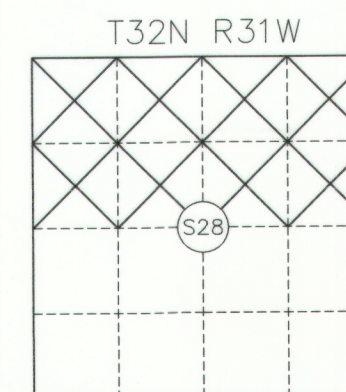
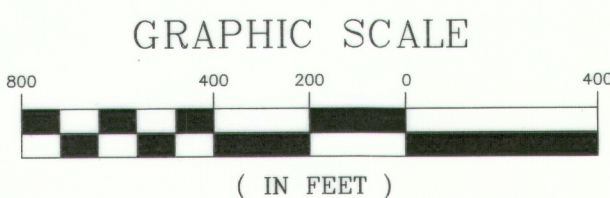
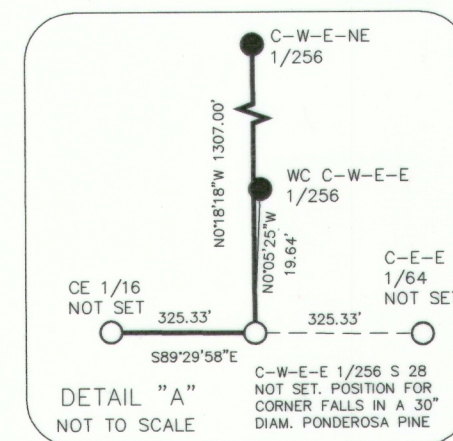
SHEET 1 OF 1

**LEGEND**

- SECTION LINES
- NATIONAL FOREST BOUNDARY POSTED TO REGION 1 STANDARDS THIS SURVEY
- - - SECTION SUBDIVISION LINES
- ⊕ B.L.M. SECTION CORNER MONUMENT, 2 1/2" DIAM. IRON POST WITH 3 1/4" DIAM. BRASS CAP PER BLM REMONUMENTATION NOTES-FOUND AND TIED THIS SURVEY
- ⊕ U. S. F. S. SECTION CORNER MONUMENT, 2 1/2" DIAM., 30" LONG ALUMINUM PIPE WITH 3 1/4" DIAM. ALUMINUM CAP BY THOMAS C. HILL, MT REG. NO 5612S-FOUND AND TIED THIS SURVEY
- ⊕ B.L.M. 1/4 SECTION CORNER MONUMENT, 2 1/2" DIAM. IRON POST WITH 3 1/4" DIAM. BRASS CAP PER BLM REMONUMENTATION NOTES-FOUND AND TIED THIS SURVEY
- ⊕ SET A 2 1/2" DIAM. X 30" ALUMINUM OR STAINLESS STEEL PIPE WITH A 3 1/4" U.S.F.S. ALUMINUM OR BRASS CAP, MARKED 10800LS AND THE APPROPRIATE CORNER IDENTIFICATION MARKINGS
- SET A 5/8" X 24" REBAR WITH A 3 1/4" U.S.F.S. ALUMINUM CAP, MARKED 10800LS AND THE APPROPRIATE CORNER IDENTIFICATION MARKINGS
- COMPUTED POINT-CORNER NOT SET
- N.F.S.L. NATIONAL FOREST SYSTEMS LANDS

**GEODETIC POSITION S 1/4 S28**  
 LATITUDE: 48°30'00.23495" N  
 LONGITUDE: 115°34'07.53127" W

1/4 S28 & S33 REMONUMENTED FROM FOUND ORIGINAL GLO BEARING TREES-SET 2 1/2" DIAM. X 30" LONG ALUMINUM PIPE WITH 3 1/4" DIAM. USDA FS ALUMINUM CAP



**U. S. D. A. FOREST SERVICE - REGION 1**  
**KOOTENAI NATIONAL FOREST**  
 31374 US HWY 2, LIBBY, MT 59923 (406) 293-6211

PROJECT: WEST FORK FIRE SALVAGE  
 LOCATION: LIBBY RANGER DISTRICT  
 SURVEYOR: T. HOMMEL  
 DATE SURVEYED: 5/2018  
 DRAWN BY: T. HOMMEL