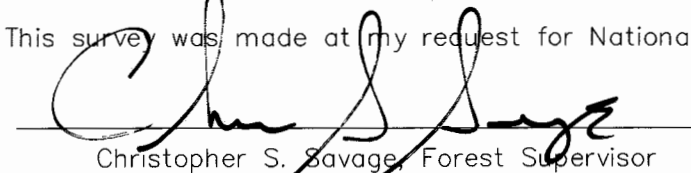


CERTIFICATE OF SURVEY
DEPENDENT RESURVEY AND SECTION SUBDIVISION
SE1/4NW1/4 & GOVERNMENT LOT 3
SEC. 4, T.34N., R.26W., P.M., MT.
LINCOLN COUNTY, MONTANA
SEPTEMBER 2016

FOREST SUPERVISOR'S CERTIFICATE
 This survey was made at my request for National Forest management purposes

 Christopher S. Savage, Forest Supervisor
 1/30/2017
 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:
 GOV'T LOTS 1, 2, 4, 5, 6 & 7, SE1/4SE1/4, SW1/4SE1/4, NW1/4SE1/4, SW1/4, SW1/4NW1/4 SECTION 4, T34N, R26W, P. M. MT

LEGAL DESCRIPTION OF NATIONAL FOREST SYSTEM LANDS:
 SE1/4NW1/4, GOV'T LOT 3, SECTION 4, T34N, R26W P. M. MT

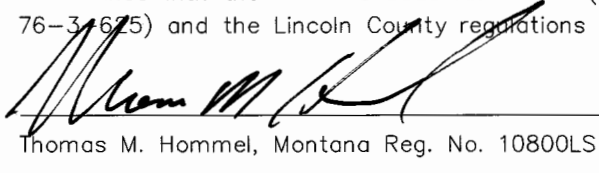
HISTORY OF SURVEY
 1894 SOUTH AND WEST BOUNDARIES, T34 & 35N, R26W, BY FRANK L. SIZER & ABRAM L. JAQUETH.
 1894 SUBDIVISION AND MEANDERS OF T34N, R26W BY FRANK L. SIZER & ABRAM L. JAQUETH.
 1961 BLM REMONUMENTATION BY DAVID R. CUNNINGHAM & WILLIAM E. STEPHENS
 1979 CERTIFICATE OF SURVEY NO. 679 BY M. L. HAIGES, MT REG. NO. 2520S
 1983 CERTIFICATE OF SURVEY NO. 1212 BY GERALD E. BUNTON, MT REG. NO. 4974S
 1983 & 1984 CERTIFICATES OF SURVEY NOS. 1217, 1217A & 1217B BY JACK H. NINNEMAN, MT REG. NO. 4661S
 1985 CERTIFICATE OF SURVEY NO. 1437 BY D. K. MARQUARDT, MT REG. NO. 2989ES
 1990 CERTIFICATE OF SURVEY NO. 1792 BY DONALD R. LARSEN, MT REG. NO. 3980S
 2001 CERTIFICATE OF SURVEY NO. 3071 BY ALVAH F. HUGHES, MT REG. NO. 7322LS
 2004 CERTIFICATE OF SURVEY NO. 3293 BY BRIAN F. SULLIVAN, MT REG. NO. 9095LS
 2006 CERTIFICATE OF SURVEY NO. 3533 BY DAWN MARQUARDT, MT REG. NO. 7328S
 2010 CERTIFICATE OF SURVEY NO. 4037 BY BRIAN F. SULLIVAN, MT REG. NO. 9095LS

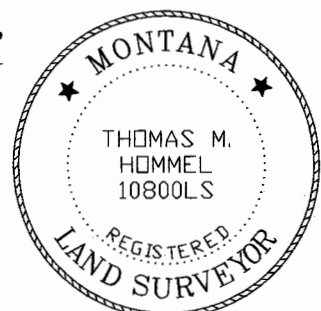
METHOD OF SURVEY
 GPS RTK USING TRIMBLE 5800 ROVER AND 5800 BASE, POST PROCESSED AGAINST THE CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) IN MISSOULA AND KALISPELL, MT, AND A 3 SECOND TOTAL STATION TO TIE CONTROLLING CORNERS USING CLOSED TRAVERSE PROCEDURES.


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 4. GEODETIC BEARINGS ARE EQUAL TO LOCAL PLANE BEARINGS ON RADIAL LINES EXTENDING FROM THIS ORIGIN.


GEODETIC POSITION: S 1/4 SECTION 4
 THE NAD 83 (CORS 2011) (EPOCH: 2010.0000) LATITUDE AND LONGITUDE WAS DETERMINED BY POST PROCESSING A SURVEY GRADE (TRIMBLE 5800) 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. 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
 DATE OF FIELD WORK: 9/2016
 DRAWN BY: T. HOMMEL 1/2017
 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 76-3-105) and the Lincoln County regulations adopted pursuant thereto.

 Thomas M. Hommel, Montana Reg. No. 10800LS
 1/18/17
 Date



CERTIFICATE OF EXAMINING SURVEYOR
 Examined: 
 Ronald A. Pearson, Reg. No. 9008LS
 Lincoln County Examining Official
 2-1-2017
 Date

STATE OF MONTANA
 County of Lincoln
 Filed on the 2nd day of February, 2017 A.D., at 11:51 o'clock A.M.
 Robin Benson
 County Clerk and Recorder
 By: 
 Deputy
 Instrument Record No. 267477
 CERTIFICATE OF SURVEY NO. 4469
 SHEET 1 OF 2

SURVEY RECORD


- (GLO) 1894 GLO RECORD RECORD
- (H) M. L. HAIGES RECORD
- (B) GERALD E. BUNTON RECORD
- (N) JACK H. NINNEMAN RECORD
- (M) D. K. MARQUARDT RECORD
- (L) DONALD R. LARSEN RECORD
- (A) ALVAH F. HUGHES RECORD
- (S) BRIAN F. SULLIVAN RECORD
- (D) DAWN MARQUARDT RECORD

LEGEND

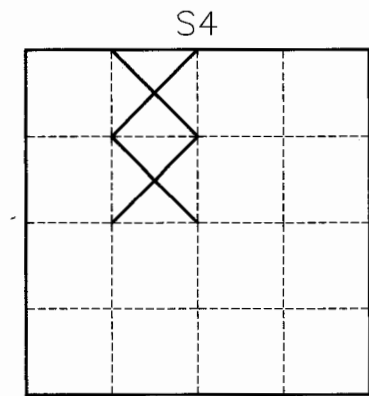
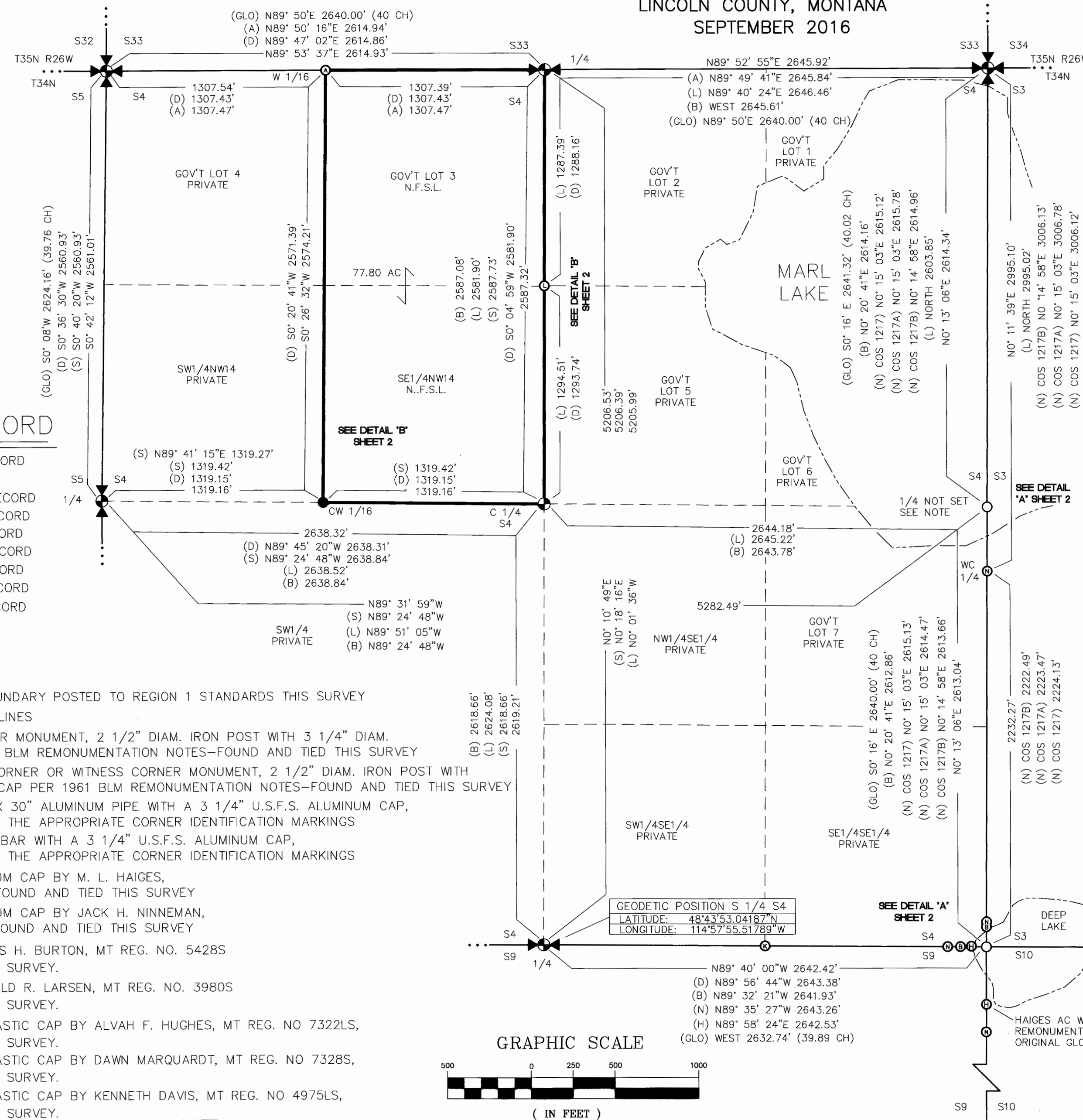
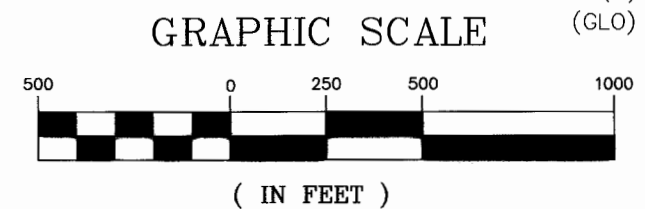
- SECTION LINES
- NATIONAL FOREST BOUNDARY POSTED TO REGION 1 STANDARDS THIS SURVEY
- SECTION SUBDIVISION LINES
- B.L.M. SECTION CORNER MONUMENT, 2 1/2" DIAM. IRON POST WITH 3 1/4" DIAM. BRASS CAP PER 1961 BLM REMONUMENTATION NOTES-FOUND AND TIED THIS SURVEY
- B.L.M. 1/4 SECTION CORNER OR WITNESS CORNER MONUMENT, 2 1/2" DIAM. IRON POST WITH 3 1/4" DIAM. BRASS CAP PER 1961 BLM REMONUMENTATION NOTES-FOUND AND TIED THIS SURVEY
- SET A 2 1/2" DIAM. X 30" ALUMINUM PIPE WITH A 3 1/4" U.S.F.S. ALUMINUM 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
- 3 1/2" DIAM. ALUMINUM CAP BY M. L. HAIGES, MT REG. NO. 2520S-FOUND AND TIED THIS SURVEY
- 3 1/2" DIAM. ALUMINUM CAP BY JACK H. NINNEMAN, MT REG. NO. 4661S-FOUND AND TIED THIS SURVEY
- 5/8" REBAR BY JAMES H. BURTON, MT REG. NO. 5428S FOUND AND TIED THIS SURVEY.
- 5/8" REBAR BY DONALD R. LARSEN, MT REG. NO. 3980S FOUND AND TIED THIS SURVEY.
- 5/8" REBAR WITH PLASTIC CAP BY ALVAH F. HUGHES, MT REG. NO. 7322LS, FOUND AND TIED THIS SURVEY.
- 5/8" REBAR WITH PLASTIC CAP BY DAWN MARQUARDT, MT REG. NO. 7328S, FOUND AND TIED THIS SURVEY.
- 5/8" REBAR WITH PLASTIC CAP BY KENNETH DAVIS, MT REG. NO. 4975LS, FOUND AND TIED THIS SURVEY.
- COMPUTED POINT-CORNER NOT SET

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

PROJECT: PINKHAM MEADOWS SECTION 4
 LOCATION: KSANKA RANGER DISTRICT
 SURVEYOR: T. HOMMEL
 DATE SURVEYED: 9/2016
 DRAWN BY: T. HOMMEL



NOTE:
 THE SINGLE PROPORTION POSITION FOR THE 1/4 CORNER OF SECTIONS 3 & 4 AS SHOWN ON CERTIFICATE OF SURVEY 1217 B BY JACK H. NINNEMAN, MT REG. NO. 4661S APPEARS TO BE THE CORRECT POSITION BASED ON HIS DETERMINATION FOR THE POSITION OF THE SOUTHEAST SECTION CORNER FOR SECTION 4. HOWEVER THE MEASURED DISTANCE BETWEEN THE SOUTH WITNESS CORNER ON MARL LAKE ESTABLISHED BY CERTIFICATE OF SURVEY 1217 B AND THE NORTHEAST SECTION CORNER OF SECTION 4 DIFFERS FROM THE NINNEMAN DISTANCE BY OVER 11' BY 2 DIFFERENT SUBSEQUENT SURVEYS AND THE DISTANCE FROM THE CALCULATED POSITION FOR THE SE SECTION OF SECTION 4 AND THE SOUTH WITNESS CORNER DIFFERS BY OVER 9' WHILE THE OTHER DISTANCES APPEAR TO BE IN RELATIVE HARMONY. THIS DIFFERENCE IN THE DISTANCES INDICATES THE DISTANCE OF 391.17' FROM THE SOUTH WITNESS CORNER ON MARL LAKE TO THE 1/4 SECTION CORNER AS SHOWN ON CERTIFICATE OF SURVEY 1217B TO BE INCORRECT. THEREFORE USING THE DISTANCE OF 391.17' TO ESTABLISH THE 1/4 SECTIONS 3 & 4 WOULD PLACE THE 1/4 CORNER APPROXIMATELY 11' NORTH OF THE POSITION DETERMINED BY CERTIFICATE OF SURVEY 1217 B. **SEE DETAIL 'A' SHEET 2.**



CERTIFICATE OF SURVEY

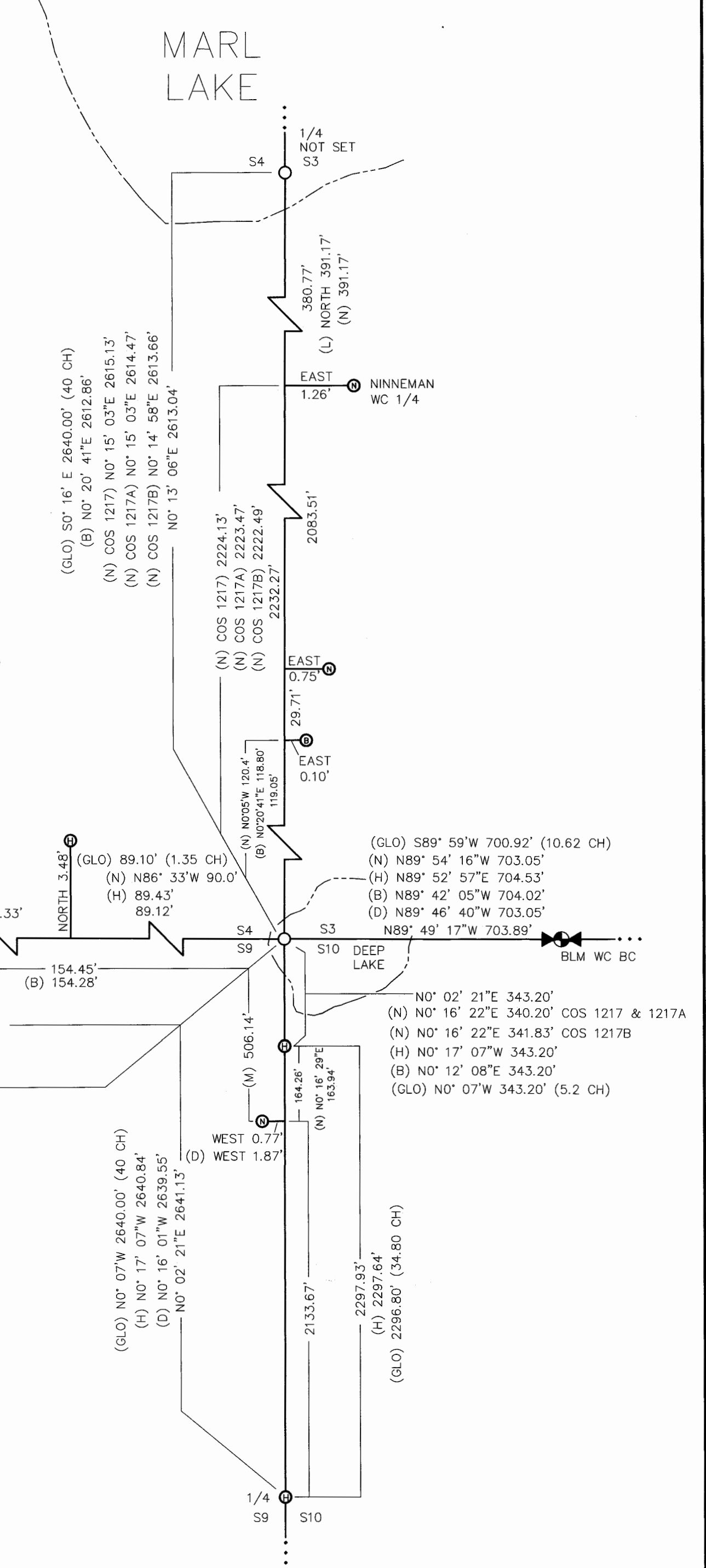
DEPENDENT RESURVEY AND SECTION SUBDIVISION

SE1/4NW1/4 & GOVERNMENT LOT 3 SEC. 4, T.34N., R.26W., P.M., MT. LINCOLN COUNTY, MONTANA

SEPTEMBER 2016

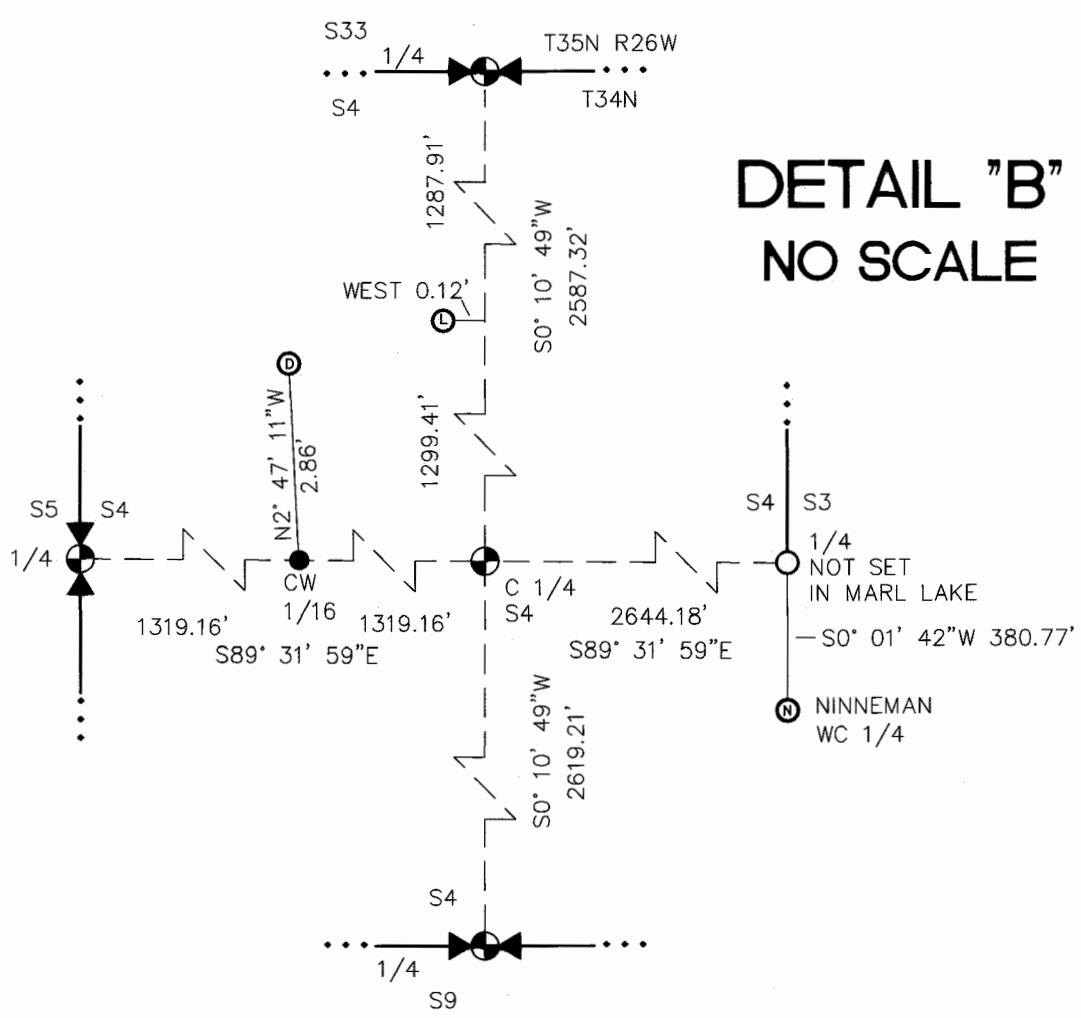
LEGEND

- SECTION LINES
- NATIONAL FOREST BOUNDARY POSTED TO REGION 1 STANDARDS THIS SURVEY
- - - SECTION SUBDIVISION LINES
- ⊗ B.L.M. 1/4 SECTION CORNER OR WITNESS CORNER MONUMENT, 2 1/2" DIAM. IRON POST WITH 3 1/4" DIAM. BRASS CAP PER 1961 BLM REMONUMENTATION NOTES—FOUND AND TIED THIS SURVEY
- ⊕ SET A 2 1/2" DIAM. X 30" ALUMINUM PIPE WITH A 3 1/4" U.S.F.S. ALUMINUM 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
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- ⊙ 5/8" REBAR WITH PLASTIC CAP BY KENNETH DAVIS, MT REG. NO 4975LS, FOUND AND TIED THIS SURVEY.
- COMPUTED POINT—CORNER NOT SET
- N.F.S.L. NATIONAL FOREST SYSTEMS LANDS



DETAIL "A"
NO SCALE

DETAIL "B"
NO SCALE



SURVEY RECORD

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- (B) GERALD. E. BUNTON RECORD
- (N) JACK H. NINNEMAN RECORD
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