

**LEGEND**

- Set 2" d. Aluminum Cap on 3/4" d. x 2' l. Rebar.
- Set 10" Spike in base of Ash or Aspen Tree.
- ★ Set 10" Spike in base of Spruce Tree.
- Found 1/4" d. Rebar.
- Found 1"x2" Wood Hub.
- × Spot Elevations.

**Certificate of Survey**

**Benchmark References along the Knife River in S½ of Section 20, T. 53 N. R. 11 W. 4th P.M. U. T. No. 2, Lake County, Minnesota**

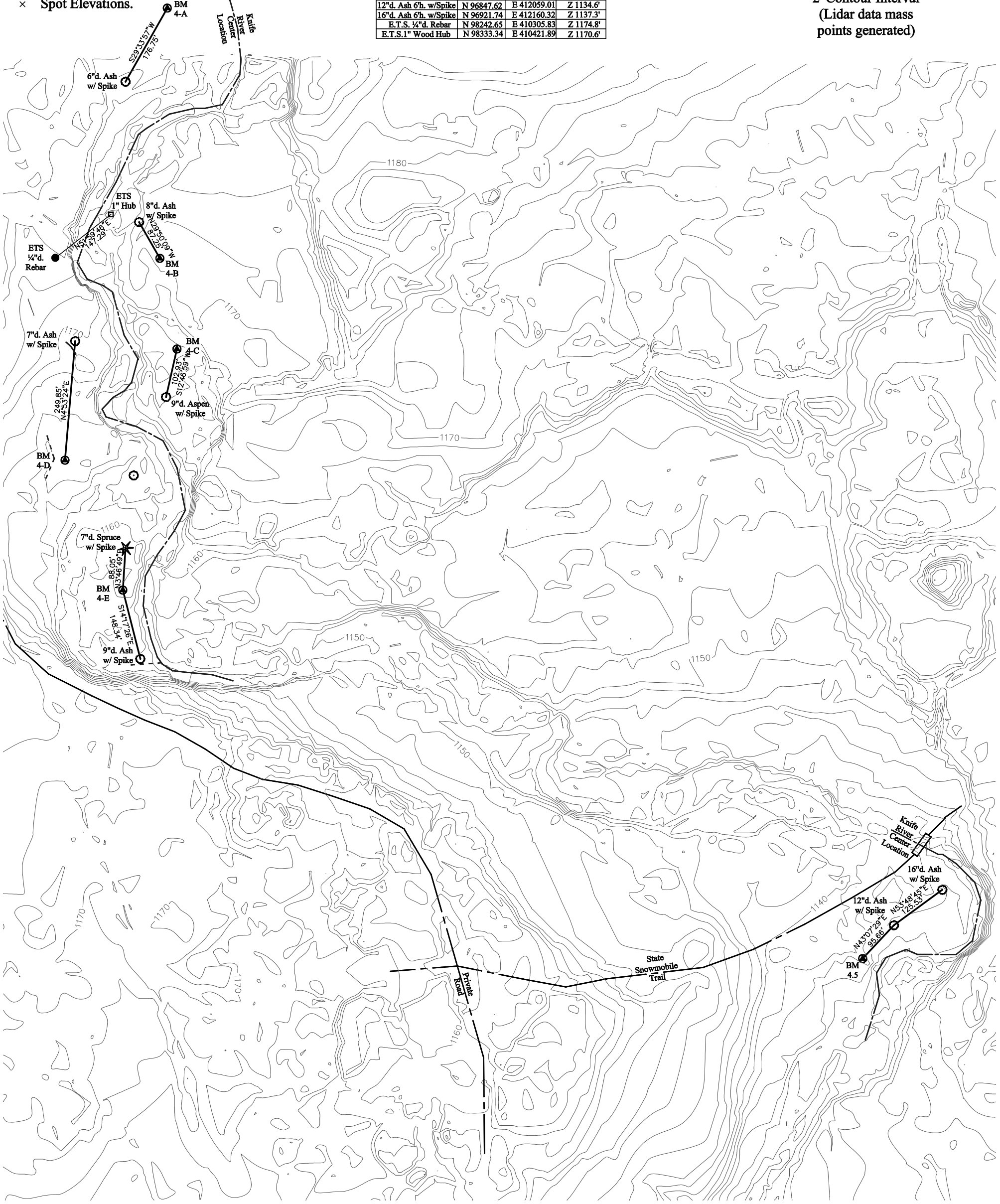


SCALE IN FEET

Lake County Coordinates  
 NAD83-U.S. Foot  
 VRS-GPS Geoid09  
 NAVD88  
 2' Contour Interval  
 (Lidar data mass points generated)

**BENCH MONUMENT TABLE**

Point Label	Northing	Easting	Elevation
BM 4-A	N 98764.58	E 410539.83	Z 1180.6'
6" d. Ash w/Spike	N 98610.84	E 410452.62	Z 1176.3'
BM 4-B	N 98241.52	E 410524.34	Z 1170.8'
8" d. Ash w/Spike	N 98317.20	E 410480.93	Z 1170.7'
BM 4-C	N 98052.00	E 410560.05	Z 1166.6'
9" d. Aspen w/Spike	N 97951.62	E 410537.28	Z 1167.7'
BM 4-D	N 97819.57	E 410326.04	Z 1164.5'
7" d. Ash w/Spike	N 98068.50	E 410347.34	Z 1170.7'
7" d. Spruce w/Spike	N 97635.93	E 410452.67	Z 1162.1'
BM 4-E	N 97548.07	E 410446.86	Z 1161.3'
9" d. Ash 6" h. w/Spike	N 97404.32	E 410483.48	Z 1156.4'
BM 4.5	N 96777.80	E 411993.61	Z 1136.9'
12" d. Ash 6" h. w/Spike	N 96847.62	E 412059.01	Z 1134.6'
16" d. Ash 6" h. w/Spike	N 96921.74	E 412160.32	Z 1137.3'
E.T.S. 1/4" d. Rebar	N 98242.65	E 410305.83	Z 1174.8'
E.T.S. 1" Wood Hub	N 98333.34	E 410421.89	Z 1170.6'



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED Land Surveyor UNDER THE LAWS OF THE STATE OF Minnesota

NAME: Anthony Lueck

SIGNATURE: \_\_\_\_\_

DATE: 10/27/2016 Mod. 10/31/2016 LIC. No: 24587

**Benchmarks set for Knife River Project**  
 S½ in Section 20, T. 53 N. R. 11 W.  
 Environmental Troubleshooters  
 3825 Grand Avenue  
 Duluth, Minnesota 55807

NORTH COUNTRY LAND SURVEYOR, INC.

**Anthony Lueck**  
 Surveyor

g2S  
 Drafting  
 Mapping  
 Property Lines

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