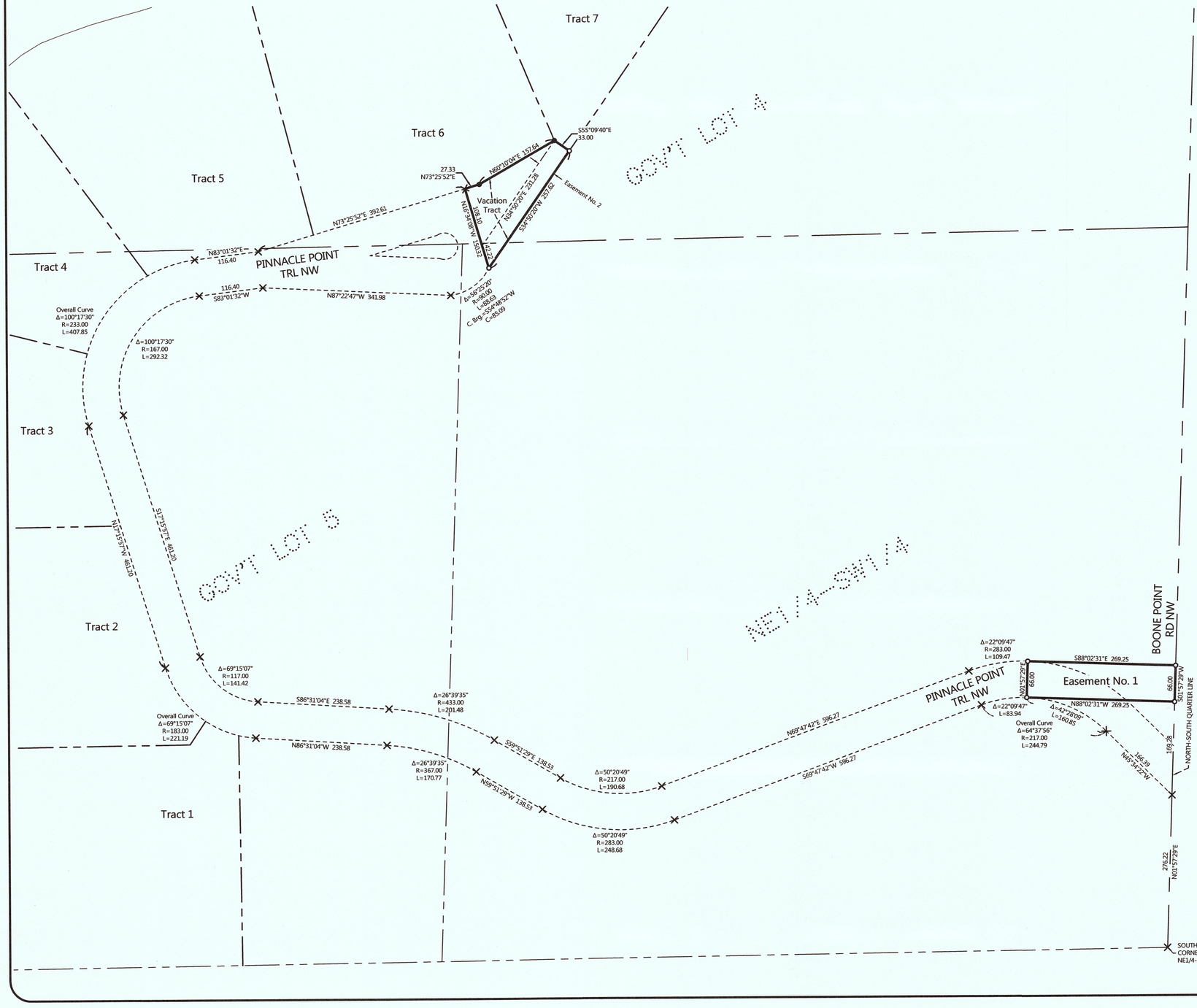
CERTIFICATE OF SURVEY

PART OF GOVERNMENT LOTS 4 & 5, AND PART OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER, SECTION 1, TOWNSHIP 140 NORTH, RANGE 31 WEST, CASS COUNTY, MINNESOTA



0 100 200
SCALE IN FEET

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE NORTH-SOUTH LINE OF SECTION 1 TO HAVE AN ASSIGNED BEARING OF N 01°57'29" E.

LEGEND

- ○ DENOTES IRON MONUMENT SET & MARKED BY LICENSE NO. 21367
- ● DENOTES MONUMENT FOUND
- × DENOTES CALCULATED POSITION

PROPOSED DESCRIPTIONS:

EASEMENT VACATION TRACT

That part of the Northeast Quarter of the Southwest Quarter and that part of Government Lot 4, both in Section 1, Township 140 North, Range 31 West, Cass County, Minnesota, described as follows: COMMENCING at the southeast corner of said Northeast Quarter of the Southwest Quarter; thence North 01 degrees 57 minutes 29 seconds East, assumed bearing along the North-South Quarter line of said Section 1, a distance of 276.22 feet; thence North 45 degrees 34 minutes 22 seconds West 166.39 feet; thence westerly 244.79 feet, along a tangential curve, concave to the south, having a radius of 217.00 feet, and a central angle of 64 degrees 37 minutes 56 seconds; thence South 69 degrees 47 minutes 42 seconds West, tangent to said curve 596.27 feet; thence westerly 248.68 feet, along a tangential curve, concave to the north, having a radius of 283.00 feet, and a central angle of 50 degrees 20 minutes 49 seconds; thence North 59 degrees 51 minutes 29 seconds West, tangent to last said curve 138.53 feet; thence westerly 170.77 feet, along a tangential curve, concave to the south, having a radius of 367.00 feet, and a central angle of 26 degrees 39 minutes 35 seconds; thence North 86 degrees 31 minutes 04 seconds West, tangent to last said curve 238.58 feet; thence northwesterly 221.19 feet, along a tangential curve, concave to the northeast, having a radius of 183.00 feet, and a central angle of 69 degrees 15 minutes 07 seconds; thence North 17 degrees 15 minutes 57 seconds West, tangent to last said curve 461.20 feet; thence northeasterly 407.85 feet, along a tangential curve, concave to the southeast, having a radius of 233.00 feet, and a central angle of 100 degrees 17 minutes 30 seconds; thence North 83 degrees 01 minutes 32 seconds East, tangent to last said curve 116.40 feet; thence North 73 degrees 25 minutes 52 seconds East 392.61 feet to the point of beginning of the easement vacation tract to be herein described; thence continue North 73 degrees 25 minutes 52 seconds East 27.33 feet; thence North 60 degrees 10 minutes 04 seconds East 157.64 feet; thence South 55 degrees 09 minutes 40 seconds East 33.00 feet; thence South 34 degrees 50 minutes 20 seconds West 257.62 feet; thence North 16 degrees 34 minutes 08 seconds West 150.32 feet to the point of beginning.

EASEMENT NO. 1

An easement for ingress, egress, and utility purposes over, under, and across that part of the Northeast Quarter of the Southwest Quarter, Section 1, Township 140 North, Range 31 West, Cass County, Minnesota, described as follows: COMMENCING at the southeast corner of said Northeast Quarter of the Southwest Quarter; thence North 01 degrees 57 minutes 29 seconds East, assumed bearing along the North-South quarter line of said Section 1, a distance of 276.22 feet; thence North 45 degrees 34 minutes 22 seconds West 166.39 feet; thence westerly 160.85 feet, along a tangential curve, concave to the south, having a radius of 217.00 feet, and a central angle of 42 degrees 28 minutes 09 seconds to the point of beginning of the easement tract to be herein described; thence North 01 degrees 57 minutes 29 seconds East 66.00 feet; thence South 88 degrees 02 minutes 31 seconds East 269.25 feet to said North-South quarter line; thence South 01 degrees 57 minutes 29 seconds West, along said North-South quarter line, 66.00 feet; thence North 88 degrees 02 minutes 31 seconds West 269.25 feet to the point of beginning.

NEW OVERALL EASEMENT TRACT

An easement for ingress, egress, and utility purposes over, under, and across that part of the Northeast Quarter of the Southwest Quarter, that part of Government Lot 4, and that part of Government Lot 5, all in Section 1, Township 140 North, Range 31 West, Cass County, Minnesota, described as follows: COMMENCING at the southeast corner of said Northeast Quarter of the Southwest Quarter; thence North 01 degrees 57 minutes 29 seconds East, assumed bearing along the North-South Quarter line of said Section 1, a distance of 445.50 feet to the point of beginning of the easement tract to be herein described; thence North 88 degrees 02 minutes 31 seconds West 269.25 feet; thence westerly 83.94 feet, along a tangential curve, concave to the south, having a radius of 217.00 feet, and a central angle of 22 degrees 09 minutes 47 seconds; thence South 69 degrees 47 minutes 42 seconds West, tangent to said curve 596.27 feet; thence westerly 248.68 feet along a tangential curve, concave to the north, having a radius of 283.00 feet, and a central angle of 50 degrees 20 minutes 49 seconds; thence North 59 degrees 51 minutes 29 seconds West, tangent to last said curve 138.53 feet; thence westerly 170.77 feet, along a tangential curve, concave to the south, having a radius of 367.00 feet, and a central angle of 26 degrees 39 minutes 35 seconds; thence North 86 degrees 31 minutes 04 seconds West, tangent to last said curve 238.58 feet; thence northwesterly 221.19 feet, along a tangential curve, concave to the northeast, having a radius of 183.00 feet, and a central angle of 69 degrees 15 minutes 07 seconds; thence North 17 degrees 15 minutes 57 seconds West, tangent to last said curve 461.20 feet; thence northeasterly 407.85 feet, along a tangential curve, concave to the southeast, having a radius of 233.00 feet, and a central angle of 100 degrees 17 minutes 30 seconds; thence North 83 degrees 01 minutes 32 seconds East, tangent to last said curve 116.40 feet; thence North 73 degrees 25 minutes 52 seconds East 419.94 feet; thence North 60 degrees 10 minutes 04 seconds East 157.64 feet to the point of beginning of the easement to be herein described; thence South 55 degrees 09 minutes 40 seconds East 33.00 feet; thence South 34 degrees 50 minutes 20 seconds West 257.62 feet; thence North 16 degrees 34 minutes 08 seconds West 42.22 feet; thence North 34 degrees 50 minutes 20 seconds East 231.28 feet to the point of beginning.

EASEMENT NO. 2

That part of the Northeast Quarter of the Southwest Quarter and that part of Government Lot 4, both in Section 1, Township 140 North, Range 31 West, Cass County, Minnesota, described as follows: COMMENCING at the southeast corner of said Northeast Quarter of the Southwest Quarter; thence North 01 degrees 57 minutes 29 seconds East, assumed bearing along the North-South Quarter line of said Section 1, a distance of 276.22 feet; thence North 45 degrees 34 minutes 22 seconds West 166.39 feet; thence westerly 244.79 feet, along a tangential curve, concave to the south, having a radius of 217.00 feet, and a central angle of 64 degrees 37 minutes 56 seconds; thence South 69 degrees 47 minutes 42 seconds West, tangent to said curve 596.27 feet; thence westerly 248.68 feet, along a tangential curve, concave to the north, having a radius of 283.00 feet, and a central angle of 50 degrees 20 minutes 49 seconds; thence North 59 degrees 51 minutes 29 seconds West, tangent to last said curve 138.53 feet; thence westerly 170.77 feet, along a tangential curve, concave to the south, having a radius of 367.00 feet, and a central angle of 26 degrees 39 minutes 35 seconds; thence North 86 degrees 31 minutes 04 seconds West, tangent to last said curve 238.58 feet; thence northwesterly 221.19 feet, along a tangential curve, concave to the northeast, having a radius of 183.00 feet, and a central angle of 69 degrees 15 minutes 07 seconds; thence North 17 degrees 15 minutes 57 seconds West, tangent to last said curve 461.20 feet; thence northeasterly 407.85 feet, along a tangential curve, concave to the southeast, having a radius of 233.00 feet, and a central angle of 100 degrees 17 minutes 30 seconds; thence North 83 degrees 01 minutes 32 seconds East, tangent to last said curve 116.40 feet; thence North 73 degrees 25 minutes 52 seconds East 392.61 feet; thence South 16 degrees 34 minutes 08 seconds East 150.32 feet; thence southwesterly 88.63 feet, along a nontangential curve, concave to the northwest, having a radius of 90.00 feet, a central angle of 56 degrees 25 minutes 20 seconds, a chord bearing of South 54 degrees 48 minutes 52 seconds West, and a chord distance of 85.09 feet; thence North 87 degrees 22 minutes 47 seconds West, tangent to last said curve, 341.98 feet; thence South 83 degrees 01 minutes 32 seconds West 116.40 feet; thence southwesterly 292.32 feet, along a tangential curve, concave to the southeast, having a radius of 167.00 feet, and a central angle of 100 degrees 17 minutes 30 seconds; thence South 17 degrees 15 minutes 57 seconds East, tangent to last said curve, 461.20 feet; thence southeasterly 141.42 feet, along a tangential curve, concave to the northeast, having a radius of 117.00 feet, and a central angle of 69 degrees 15 minutes 07 seconds; thence South 86 degrees 31 minutes 04 seconds East, tangent to last said curve, 238.58 feet; thence easterly 201.48 feet, along a tangential curve, concave to the south, having a radius of 433.00 feet, and a central angle of 26 degrees 39 minutes 35 seconds; thence South 59 degrees 51 minutes 29 seconds East, tangent to last said curve, 138.53 feet; thence easterly 190.68 feet, along a tangential curve, concave to the north, having a radius of 217.00 feet, and a central angle of 50 degrees 20 minutes 49 seconds; thence North 69 degrees 47 minutes 42 seconds East, tangent to last said curve, 596.27 feet; thence easterly 109.47 feet, along a tangential curve, concave to the south, having a radius of 283.00 feet, and a central angle of 22 degrees 09 minutes 47 seconds; thence South 88 degrees 02 minutes 31 seconds East, tangent to last said curve, 269.25 feet to said North-South Quarter line; thence South 01 degrees 57 minutes 29 seconds West, along said North-South Quarter line, 66.00 feet to the point of beginning.

REVISIONS:

NO.	DATE	DESCRIPTION	BY

I HEREBY CERTIFY THAT THIS SURVEY, PLAN 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.

10-7-15

TERRY L. FREEMAN LIC. NO. 21367

NORTHERN ENGINEERING & CONSULTING, INC.
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CERTIFICATE OF SURVEY
Bank Forward c/o Paul Dybing
700 Paul Bunyan Drive NW
Bemidji, MN 56619

JOB NO. 15-063
DATE: 10-07-2015

SHEET NO.
1 OF 1