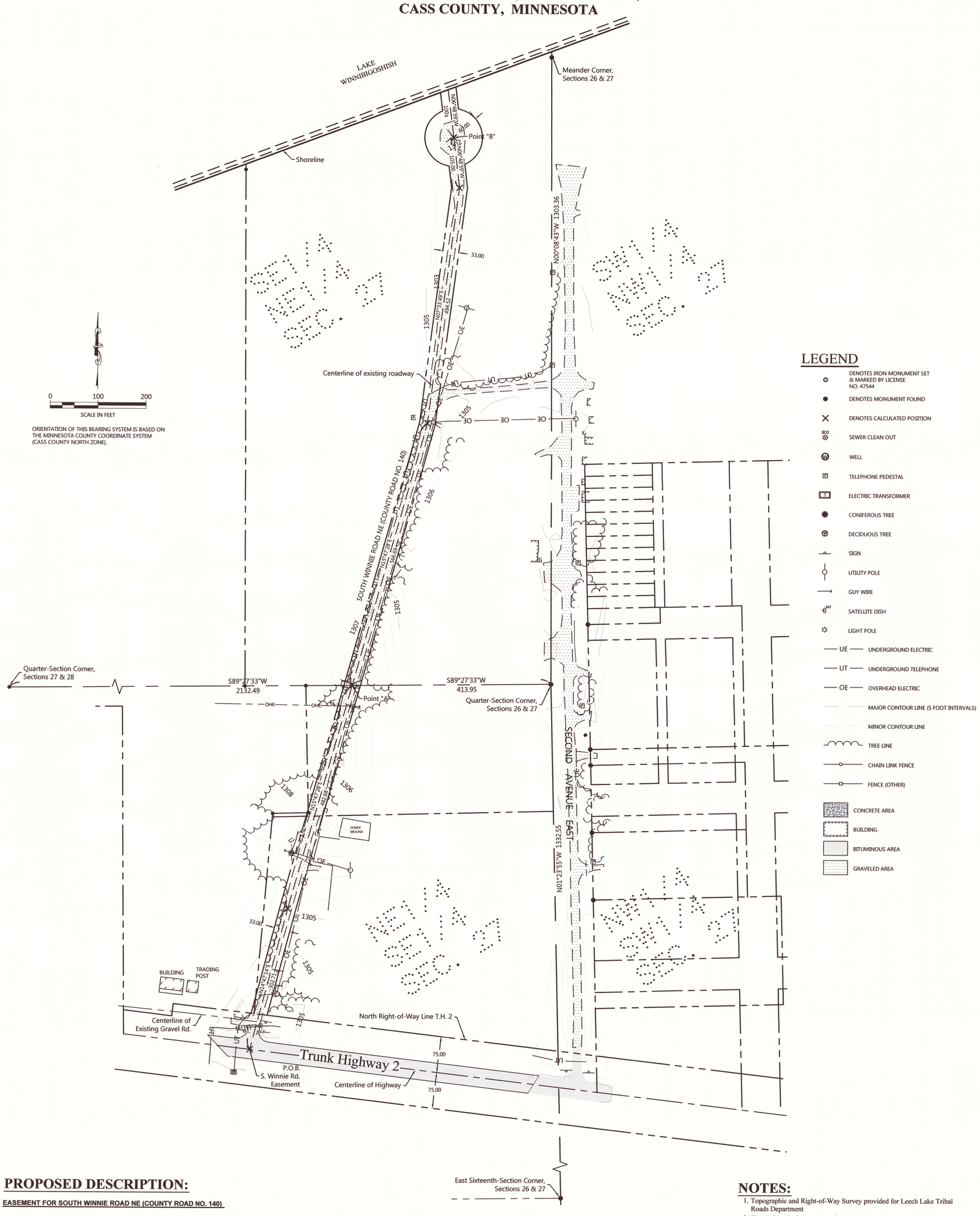
CERTIFICATE OF SURVEY

PARTS OF SECTION 27 AND 26, TOWNSHIP 145 NORTH, RANGE 28 WEST, CASS COUNTY, MINNESOTA



PROPOSED DESCRIPTION:

EASEMENT FOR SOUTH WINNIE ROAD NE (COUNTY ROAD NO. 140)

An easement, 33 feet in width, for Road purposes, over, under, and across part of the Northeast Quarter of the Southeast Quarter, and the Southeast Quarter of the Northeast Quarter, Section 27, Township 145 North, Range 28 West, on the Leech Lake Band of Ojibwe Indian Reservation, Cass County, Minnesota. The centerline of said easement is described as follows:

Commencing at the Quarter Section of said Section 27 and Section 26; thence South 89 degrees 27 minutes 33 seconds West, Minnesota County coordinate system, Cass County North zone, on the east and west quarter line of said Section 27, a distance of 413.95 feet to a point hereinafter referred to as point "A", also being the existing centerline of County Road Number 140; thence South 15 degrees 47 minutes 28 seconds West 482.68 feet; thence South 14 degrees 47 minutes 14 Seconds West 302.71 feet to intersect the centerline of Trunk Highway Number 2 and the point of beginning the centerline to be described; thence return North 14 degrees 47 minutes 14 seconds East 302.71 Feet; thence North 15 degrees 47 minutes 28 seconds East 482.68 feet to point "A"; thence continue North 15 degrees 47 minutes 28 seconds East 566.69 feet; thence North 7 degrees 33 minutes 49 seconds East 494.52 feet; thence North 6 degrees 48 minutes 59 seconds West 105.00 Feet to a point hereinafter referred to point "B"; thence continue North 6 degrees 48 Minutes 59 seconds West 100 feet more or less, to intersect the Southerly shore of Lake Winnibigoshish and there terminate.

Together with an easement for Road purposes, over, under and across said Southeast Quarter of the Northeast Quarter which lies within the circumference of a 60.0 foot radius Circle, the center of said circle being said Point "B".

NOTES:

1. Topographic and Right-of-Way Survey provided for Leech Lake Tribal Roads Department
2. The project site is located on fee land within the Leech Lake Band of Ojibwe Indian Reservation Boundary.
3. South Winnie Road SE (Co. Rd. No. 140) had no previous documented Right of Way.
4. All improvements and topographic contour data shown here reflect conditions at the time of the field survey conducted from 04/22/15-05/13/15.
5. Elevations shown are North American Vertical Datum 88

SHEET NO. 1 OF 2

JOB NO. 15-052
DATE 11-20-2015

CERTIFICATE OF SURVEY
Leech Lake Reservation Tribal Roads c/o Art Chase
190 Sailstar Drive NW
Cass Lake, MN 56633

NORTHERN ENGINEERING & CONSULTING, INC.
207 Fourth St. NW, Bemidji, MN, 56601
Phone: 218-444-4860, Fax: 218-444-6042
web: www.neciusa.com

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.

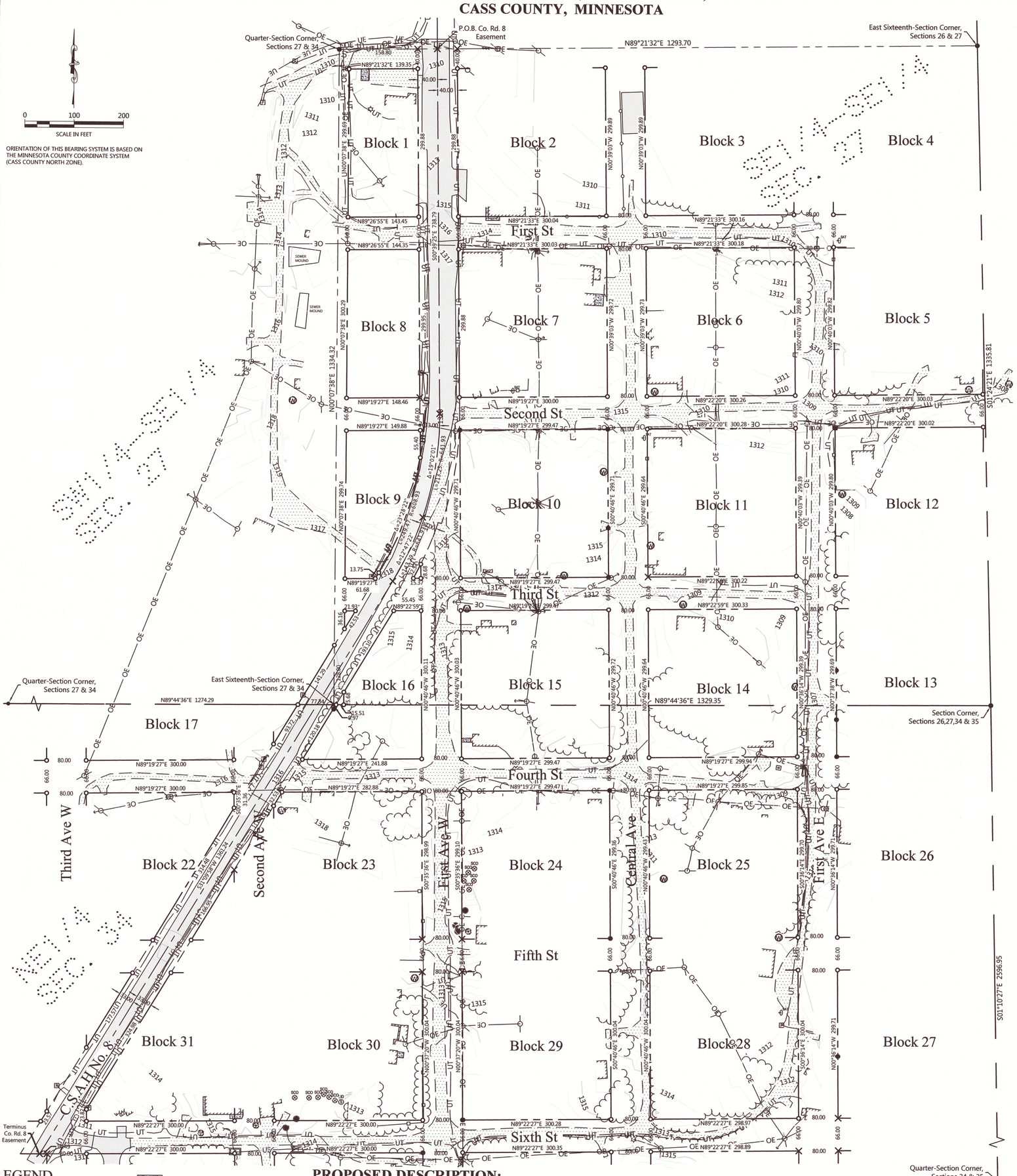
JOSHUA M. DICKERSON — 11/20/15 — LIC. NO. 47544

REVISIONS:

NO.	DATE	DESCRIPTION	BY

CERTIFICATE OF SURVEY

PART OF SECTIONS 27 AND 34, TOWNSHIP 145 NORTH, RANGE 28 WEST, CASS COUNTY, MINNESOTA



LEGEND

- DENOTES IRON MONUMENT SET & MARKED BY LICENSE NO. 47544
- DENOTES MONUMENT FOUND
- DENOTES CALCULATED POSITION
- MAJOR CONTOUR LINE (5' INTERVALS)
- MINOR CONTOUR LINE
- UE — UNDERGROUND ELECTRIC
- UT — UNDERGROUND TELEPHONE
- OE — OVERHEAD ELECTRIC
- CONCRETE AREA
- BUILDING
- BITUMINOUS AREA
- GRAVELED AREA
- GUY WIRE
- CHAIN LINK FENCE
- FENCE (OTHER)
- TREE LINE
- DECIDUOUS TREE
- SIGN
- UTILITY POLE
- SATELLITE DISH
- LIGHT POLE
- SEWER CLEAN OUT
- WELL
- TELEPHONE PEDESTAL
- ELECTRIC TRANSFORMER
- CONIFEROUS TREE

PROPOSED DESCRIPTION:

EASEMENT FOR COUNTY ROAD NO. 8

An easement, 80 feet in width, for County Road purposes, over, under, and across part of the Southeast Quarter of the Southeast Quarter, and the Southwest Quarter of the Southeast Quarter of Section 27, Township 145 North, Range 28 West, and across part of the Northeast Quarter of Section 34, Township 145 North, Range 28 West all on the Leech Lake Band of Ojibwe Indian Reservation, Cass County, Minnesota, running through the Plat of the Village of Bena, according to the recorded plat thereof. The centerline of said easement is described as follows:

Commencing at the Southeast Sixteenth-Section Corner of said Section 27; thence North 89 degrees 21 minutes 32 seconds East, Minnesota County coordinate system, Cass County North zone, along the north line of said Southeast Quarter of the Southeast Quarter of said Section 27, a distance of 198.80 feet to the existing centerline of County State Aid Highway 8, said point also being the point of beginning of the line to be herein described; thence South 00 degrees 39 minutes 25 seconds East along said centerline, 738.79 feet and said centerline there terminating.

Together with an easement, 73 feet in width, for County Road purposes, over, under, and across the first above described property, being 33.00 feet to the right and 40.00 feet to the left of the following described line: Beginning at the terminus of the above described centerline; thence southwesterly 213.25 feet along a tangential curve concave to the northwest having a radius of 641.93 feet, and said line there terminating.

Together with an easement, 66 feet in width, for County Road purposes, over, under, and across the first above described property, the centerline of said easement is described as follows: Beginning at the terminus of the above described line; thence southwesterly, along the continuation of the curve in the above described line 143.29 feet; thence South 31 degrees 09 minutes 58 seconds West tangent to the last described curve, 1361.24 feet to the south ROW line of Sixth Street as recorded in the Plat of the Village of Bena and there terminating.

EXISTING ROW DESCRIPTION:

Platted Road Rights of Way as per the Plat of the Village of Bena on file with the Cass County, Minnesota recorder's office.

NOTES:

1. Topographic and Right-of-Way Survey provided for Leech Lake Tribal Roads Department
2. The project site is located in Bena on the Leech Lake Band of Ojibwe Indian Resrvation
3. All platted Right-of-Way shown are based on the Plat of the Village of Bena (1906). The Easement Right-of-Way for County Road 8 is based on S.P. 11-608-11 (1999), and County Maint. Proj. No. 2000-2(8)
4. All improvements and topographic contour data shown here reflect conditions at the time of the field survey conducted from 04/22/15-05/13/15.
5. Elevations shown are North American Vertical Datum 88

JOB NO. 15-052
DATE: 11-20-2015
SHEET NO. 2 OF 2

CERTIFICATE OF SURVEY
Leech Lake Reservation Tribal Roads c/o Art Chase
190 Sailstar Drive NW
Cass Lake, MN 56633

NORTHERN ENGINEERING & CONSULTING, INC.
207 Fourth St. NW, Bemidji, MN, 56601
Phone: 218-444-4860, Fax: 218-444-6042
web: www.neciusa.com

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.

JOSHUA M. DICKERSON — LIC. NO. 47544 — 11/20/15

REVISIONS:			
NO.	DATE	DESCRIPTION	BY

11/25/2015, 8215