Certificate of Survey for: W 1/4 corner Section 19 Doc. #291633 Gene Weidendorf Government Lot 4, Section 19, Township 145 North, Range 28 West, Cass County, Minnesota Proposed Legal Descriptions: Parcel A: That part of Government Lot 4, Section 19, Township 145 North, Range 28 West, of the Fourth Principal Meridian, lying westerly of the following described line: Commencing at the southwest corner of said Government Lot 4; thence N89°59'37"E, along the south line of said Government Lot 4, a distance of 753.94 feet to the point of beginning of the line to be described; thence N11°23'09"W a distance of 93.68 feet; thence northerly along a tangential curve concave to the west, having a radius of 800.00 feet and a central angle of 19°38'05", a distance of 274.15 feet; thence N31°01'14"W a distance of 527.88 feet; thence northwesterly along a tangential curve concave to the southwest, having a radius of 300.00 feet and a central angle of 19°17'35", a distance of 101.02 feet; thence N50°18'49"W a distance of 138.50 feet; thence northerly along a tangential curve concave to the northeast, having a radius of 200.00 feet and a central angle of 45°03'04", a distance of 157.26 feet; thence N5°15'45"W a distance of 133.99 feet; thence North line of Government Lot 4 1333.58 (1986 1333.76) S 1/16 corner Section 19 NW corner Gov't Lot 4 NE corner N1°55'52"W a distance of 95.78 feet, more or less, to the north line of said Government Lot 4 and there terminate. Δ=36°03'52 R=300.00 Said described line generally follows the centerline of the road known as Ryans Village Drive. Subject to easements, restrictions and reservations of record. N88°00'19"W | 8.72 Legend Government Lot 4, Section 19, Township 145 North, Range 28 West, of the Fourth Principal Meridian, LESS that part lying O Set 5/8' rebar marked RLS 44902 westerly of the following described line: Commencing at the southwest corner of said Government Lot 4; thence N89°59'37"E, along the south line of said Government ▼ unmonumented PC or PT Lot 4, a distance of 753.94 feet to the point of beginning of the line to be described; thence N11°23'09"W a distance of 93.68 **⊖** Found Brass Capped Monument Δ=21°26'30" (R=150.00 _|_L=56.13 feet; thence northerly along a tangential curve concave to the west, having a radius of 800.00 feet and a central angle of 19°38'05", a distance of 274.15 feet; thence N31°01'14"W a distance of 527.88 feet; thence northwesterly along a tangential curve concave to the southwest, having a radius of 300.00 feet and a central angle of 19°17'35", a distance of 101.02 feet; thence N50°18'49"W a distance of 138.50 feet; thence northerly along a tangential curve concave to the northeast, having a radius of 200.00 feet and a central angle of 45°03'04", a distance of 157.26 feet; thence N5°15'45"W a distance of 133.99 feet; thence ⊗ Calculated Position — Traveled centerline --- Approximate right-of-way line --- Traveled centerline N1°55'52"W a distance of 95.78 feet, more or less, to the north line of said Government Lot 4 and there terminate. -- Approximate right-of-way line Said described line generally follows the centerline of the road known as Ryans Village Drive. (100) Parenthesis indicate record measurement from the 1986 USFS AND LESS Survey, Document #293475 That part of said Government Lot 4, lying easterly and northerly of the following described line: Commencing at the southwest corner of said Government Lot 4; thence N89°59'37"E, along the south line of said Government Lot 4, a distance of 774.08 feet to the point of beginning of the line to be described; thence N28°01'47"E a distance of 131.61 feet; thence northerly along a tangential curve concave to the west, having a radius of 600.00 feet and a central angle of 17°40'05", a distance of 185.02 feet; thence N10°21'42"E a distance of 428.48 feet; thence northerly along a tangential curve concave to the west, having a radius of 600.00 feet and a central angle of 15°52'33", a distance of 166.25 feet; thence Parcel B N5°30′51″W a distance of 189.24 feet; thence northerly along a tangential curve concave to the east, having a radius of 150.00 feet and a central angle of 21°26′30″, a distance of 56.13 feet; thence N15°55′39″E a distance of 27.95 feet; thence S51°32′56″W a distance of 117.26 feet; thence westerly along a tangential curve concave to the north, having a radius of 150.00 feet and a central angle of 69°59′46″, a distance of 183.25 feet; thence N58°27′18″W a distance of 156.21 feet; thence northwesterly along a tangential curve concave to the northwest, having a radius of 600.00 feet and a central angle of 6°30′51″, a distance of 68.21 feet; thence N51°56′27″W a distance of 127.48 feet; thence northwesterly along a tangential curve concave to the southwest, having a radius of 300.00 feet and a central angle of 36°03′52″, a distance of 188.83 feet; thence N88°00′19″W a distance of 8.72 feet more or less to the north line of said Government Lot 4 and there terminate 12.7± Total Acres R=300.00 L=101.02 Δ=15°52'33" R=600.00 L=166.25 555,293± Sq ft 10.1± Acres LESS R/W 438,624± Sq ft Parcel C 14.0± Total Acres $609.344 \pm \text{Sq ft}$ 8.72 feet, more or less, to the north line of said Government Lot 4 and there terminate. 12.2± Acres LESS R/W Said described line generally follows the centerlines of the roads known as Ryans Road and Ryans Lane, Subject to easements, restrictions and reservations of record. Government Lot 4 Parcel C: That part of Government Lot 4, Section 19, Township 145 North, Range 28 West, of the Fourth Principal Meridian, lying easterly and northerly of the following described line: Commencing at the southwest corner of said Government Lot 4; thence N89°59'37"E, along the south line of said Government Lot 4, a distance of 774.08 feet to the point of beginning of the line to be described; thence N28°01'47"E a distance of 131.61 feet; thence northerly along a tangential curve concave to the west, having a radius of 600.00 feet and a central angle of 17°40'05", a distance of 185.02 feet; thence N10°21'42"E a distance of 428.48 feet; thence northerly along a tangential curve concave to the west, having a radius of 600.00 feet and a central angle of 15°52'33", a distance of 166.25 feet; thence N5°30'51"W a distance of 189.24 feet; thence northerly along a tangential curve concave to the east, having a radius of 150.00 Parcel A feet and a central angle of 21°26'30", a distance of 56.13 feet; thence N15°55'39"E a distance of 27.95 feet; thence S51°32'56"W Bearings are based on Grid North. 13.6± Total Acres Cass County Coordinate System, a distance of 117.26 feet; thence westerly along a tangential curve concave to the north, having a radius of 150.00 feet and a North Zone. NAD 83 ('07 Adjustment) 591,044± Sq ft central angle of 69°59'46", a distance of 183.25 feet; thence N58°27'18"W a distance of 156.21 feet; thence northwesterly along a 11.8± Acres LESS R/W tangential curve concave to the northwest, having a radius of 600.00 feet and a central angle of 6°30'51", a distance of 68.21 feet; thence N51°56'27"W a distance of 127.48 feet; thence northwesterly along a tangential curve concave to the southwest, 514,081± Sq ft having a radius of 300.00 feet and a central angle of 36°03'52", a distance of 188.83 feet; thence N88°00'19"W a distance of 8.72 feet, more or less, to the north line of said Government Lot 4 and there terminate. Scale in Feet Said described line generally follows the centerlines of the roads known as Ryans Road and Ryans Lane. Subject to easements, restrictions and reservations of record. Δ=17°40'05" R=600.00 L=185.02 Δ=19°38'05" R=800.00 L=274.15 \ Surveyor's Affidavit I hereby certify that this survey, plan, or report was prepared by me or under my RECEIVED SW corner SE corner Gov't Lot 4 (1986 N89°57'49"E 1322.10) Gov't Lot 4 # 6008 direct supervision and that I am a duly SW corner South line of Government Lot 4 ¹310.83 (1986 1310.86) S 1/4 corner W 1/16 corner Licensed Land Surveyor under the laws of OCT - 4 2012 the State of Minnesota. Section 19 Section 19 Section 19 GLY 19-145-28 Doc. #291635 Doc. #291636 Traveled centerline of Trunk Highway #2 CASS COUNTY SURVEYOR Jeffrey P. Major Date: <u>9-24-12</u> Registration No. 44902 Phone/Fax: (218) 326-5325 Project Number 2012078 Date of Draft: 9/19/12 Draftsman: BDT