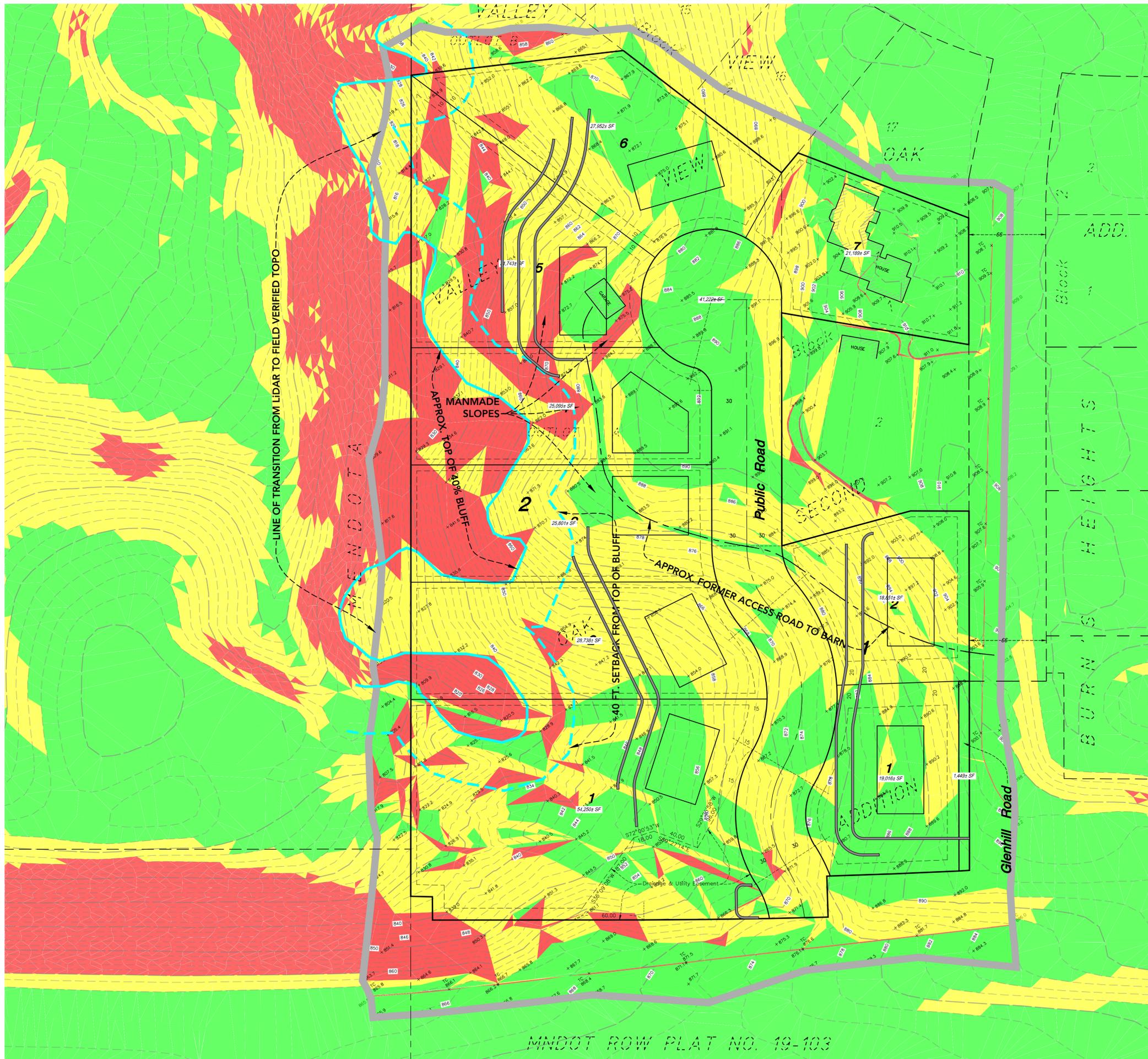


Plotted: 09/30/2020 2:22 PM W:\2018\18524\CADD\DATA\CIVIL\_dwg Working Files\SLOPE ANALYSIS



**DESCRIPTION OF PROPERTY SURVEYED**

(Per Dakota County Tax records)

Lot 1, Block 1, and OUTLOT A, VALLEY VIEW OAK 2ND ADDITION, Dakota County, Minnesota.

**SURVEY REPORT**

- This survey was prepared without the benefit of a Title Commitment. There may or may not be easements of record encumbering this property.
- Benchmark: MnDOT monument "1918H" (GSID Station 101785). An aluminum alloy rod located at the southwest corner of Trunk Highway No. 110 and Lexington Ave. S. Elevation = 921.70 (NGVD29)  
  
Site Benchmark: Top nut of hydrant located at the northeast corner of the site along the west side of Glenhill Road. Elevation = 913.22 (NGVD29)
- The contours and features shown hereon within the heavy gray polygon are from a Boundary and Topographic Survey by Loucks Associates, dated March 13, 2020. The contours shown hereon lying outside of the heavy gray polygon is information obtained from LiDAR.

**LEGEND**

- FOUND 1/2 INCH X 14 INCH IRON MONUMENT, MARKED "LS 10943" UNLESS SHOWN OTHERWISE
- SET 1/2 INCH X 14 INCH IRON MONUMENT, MARKED "LS 48988"
- ⊞ CATCH BASIN
- ⊙ STORM MANHOLE
- SANITARY MANHOLE
- ⊕ HYDRANT
- ⊕ GATE VALVE
- ⊕ LIGHT POLE
- ⊕ POWER POLE
- ⊕ AIR CONDITIONING UNIT
- ⊕ CURB STOP
- ⊕ ELECTRIC METER
- ⊕ ELECTRIC TRANSFORMER
- ⊕ FLARED END SECTION
- ⊕ GAS METER
- ⊕ GUY WIRE
- ⊕ GUY POLE
- ⊕ HAND HOLE
- ⊕ LIGHT POLE
- ⊕ SIGN
- ⊕ TELEPHONE PEDESTAL
- ⊕ UTILITY PEDESTAL
- ⊕ YARD LIGHT
- > STORM SEWER
- > SANITARY SEWER
- WATERMAIN
- SANITARY SEWER SERVICE
- WATER SERVICE
- CULVERT
- MAPPED STORM SEWER
- MAPPED SANITARY SEWER
- MAPPED WATERMAIN
- UNDERGROUND ELECTRIC
- UNDERGROUND GAS
- UNDERGROUND TELEPHONE
- OVERHEAD UTILITY
- x—x— BARBED WIRE FENCE
- |—|— IRON FENCE
- o—o— WOOD FENCE
- o—o— GUARDRAIL
- CONCRETE CURB
- RETAINING WALL
- CONCRETE
- PAVERS
- EXISTING BUILDING
- SPOT ELEVATION



0 40  
SCALE IN FEET

SLOPES TABLE		
MIN. SLOPE	MAX. SLOPE	COLOR
0.0%	18.0%	Green
18.0%	40.0%	Yellow
40.0%	100.0%	Red

**VALLEY VIEW OAK 3RD ADDITION**

1941 GLENHILL ROAD  
MENDOTA HEIGHTS, MN 55118

LARRY & MARY  
CULLIGAN

1941 GLENHILL ROAD  
MENDOTA HEIGHTS, MN 55118

**LOUCKS**

PLANNING  
CIVIL ENGINEERING  
LAND SURVEYING  
LANDSCAPE ARCHITECTURE  
ENVIRONMENTAL

7200 Hemlock Lane, Suite 300  
Maple Grove, MN 55369  
763.424.5505  
www.loucksinc.com

**CADD QUALIFICATION**

CADD files prepared by the Consultant for this project are instruments of the Consultant's professional services for use solely with respect to this project. These CADD files shall not be used on other projects. For additions to this project, or for completion of this project by others without written approval by the Consultant, with the Consultant's approval, others may be permitted to obtain copies of the CADD files for information and reference only. All intentional or unintentional revisions, additions, or deletions to these CADD files shall be made at the full risk of that party making such revisions, additions or deletions and that party shall hold harmless and indemnify the Consultant from any & all responsibilities, claims, and liabilities.

**SUBMITTAL/REVISIONS**

06/29/20 CITY SUBMITTAL  
09/28/20 REV. CITY SUBMITTAL

**PROFESSIONAL SIGNATURE**

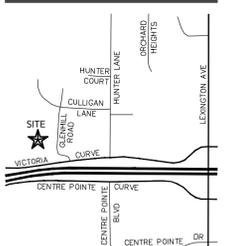
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.  
*Michael J. St. Martin*  
Michael J. St. Martin, PE

License No. 24440  
Date 06/29/20

**QUALITY CONTROL**

Loucks Project No. 18-524  
Project Lead MJS  
Drawn By SFH/SFM/MJS  
Checked By MJS  
Review Date 06/29/20

**VICINITY MAP**



**SLOPE ANALYSIS**

**EX-1**