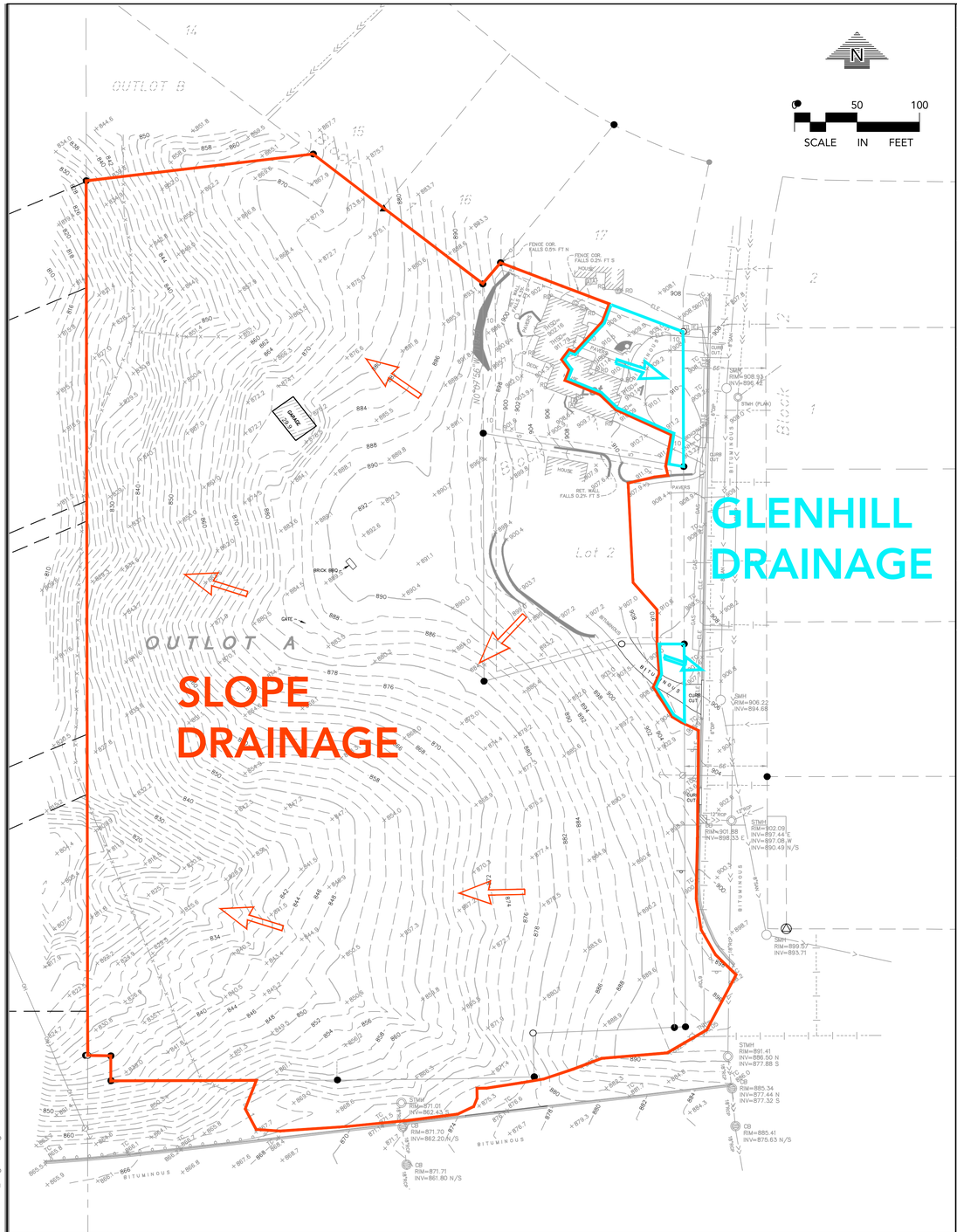

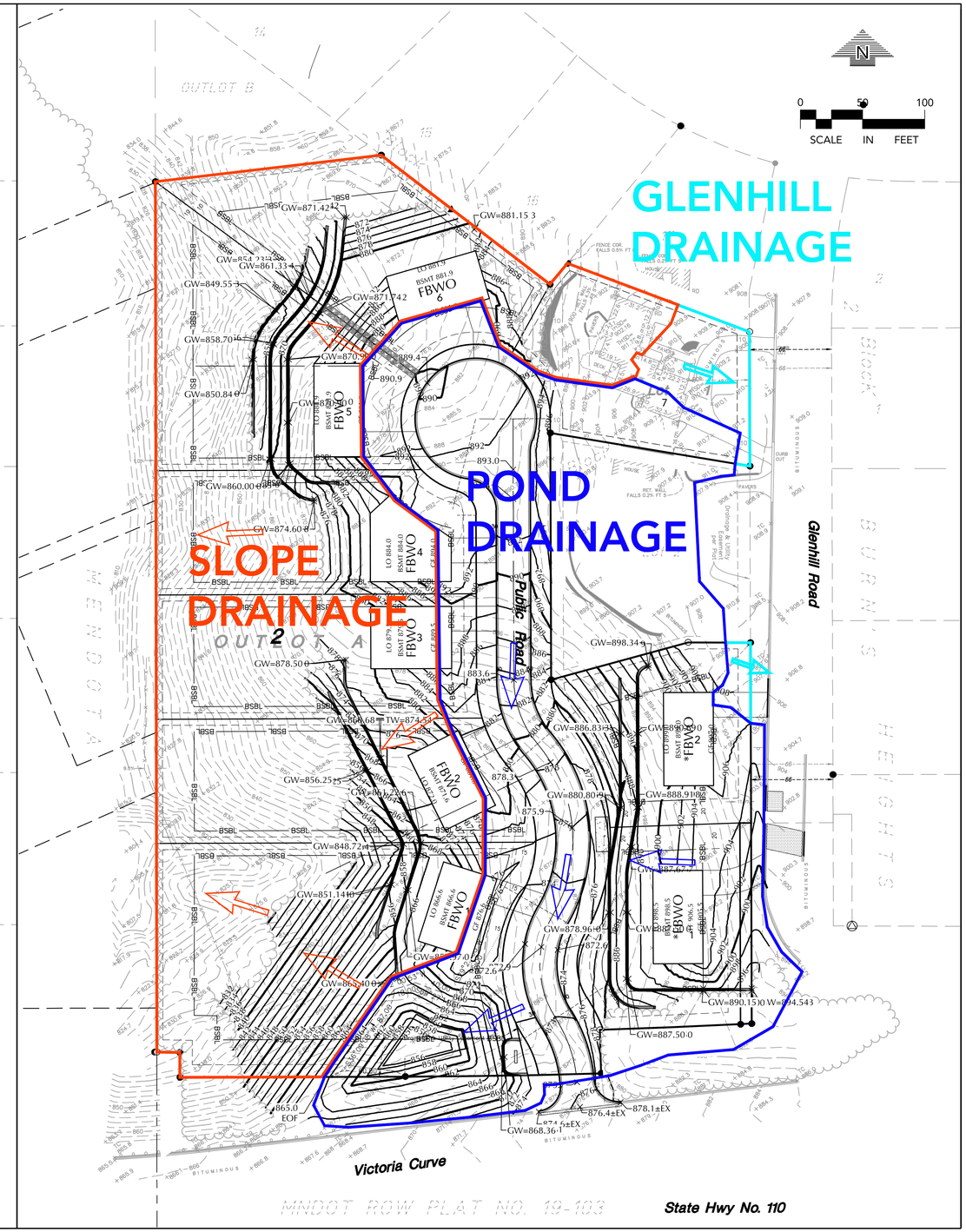

EXISTING RUNOFF

		2-YR Storm Event		10-YR Storm Event		100-YR Storm Event		100-YR Snowmelt	
	Area acres	Rate cfs	Volume ac-ft	Rate cfs	Volume ac-ft	Rate cfs	Volume ac-ft	Rate cfs	Volume ac-ft
Slope	7.401	0.8	0.118	4.78	0.429	21.09	1.592	8.82	4.293
Glenhill	0.182	0.25	0.012	0.55	0.026	1.37	0.067	0.22	0.106
Total	7.583	0.86	0.13	4.96	0.455	21.6	1.658	9.03	4.399

PROPOSED RUNOFF

		2-YR Storm Event		10-YR Storm Event		100-YR Storm Event		100-YR Snowmelt	
	Area acres	Rate cfs	Volume ac-ft	Rate cfs	Volume ac-ft	Rate cfs	Volume ac-ft	Rate cfs	Volume ac-ft
Slope	3.932	0.7	0.097	3.1	0.298	11.94	0.998	4.67	1.954
Glenhill	0.181	0.32	0.019	0.58	0.034	1.32	0.073	0.22	0.09
Pond	3.477	0.34	0.099	1.74	0.329	8.61	1.031	4.03	1.362
Total	7.59	0.85	0.215	4.46	0.661	20.46	2.102	8.91	3.406

VALLEY VIEW OAK 3RD ADDITION

MENDOTA HEIGHTS, MN

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 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 drawing 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

06/29/2020	CITY SUBMITTAL
09/28/2020	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.

NOT FOR CONSTRUCTION

Michael J. St. Martin - PE

License No. 24440
Date

QUALITY CONTROL

Loucks Project No.	018524
Project Lead	MJS
Drawn By	MJS
Checked By	MJS
Review Date	

C0-1 COVER SHEET
C1-1 EXISTING CONDITIONS & DEMOLITION PLAN
C2-1 SITE PLAN
C3-1 GRADING PLAN
C3-2 SWPPP
C3-3 SWPPP NOTES
C4-1 SANITARY & WATER PLAN
C4-2 SANITARY & WATER PLAN
C5-1 STREET & STORM SEWER PLAN
C6-1 PRELIMINARY PLAT
C8-1 CIVIL DETAILS
C8-2 CIVIL DETAILS
C8-3 CIVIL DETAILS
L1-1 LANDSCAPE PLAN
L2-1 LANDSCAPE DETAILS

DRAINAGE EXHIBIT

H1

Plotted: 09 /28 / 2020 9:10 PM W:\2018\18524\CADD DATA\CIVIL\ dwg Working Files\EXISTING DRAINAGE PLAN