

Log Of Soil Borings

Location of Project:		Carlson Sub-Division NW Corner Of 60th St S & Trading Post		
Borings Made By:		Midwest Soil Testing		
Auger Used:		Hand/Bucket	Classification System:	USDA
Boring # and Date	Depth In Inches	Soils Encountered	Boring Depth	Depth To Restriction
9/26/18				
2621	0-9	10YR 2/2 Silt Loam		
	9-16	10YR 4/3 Silt Loam		
	16-27	10YR 3/4 Sandy Loam With \approx 15% Gravel		
		Refusal at 27" Bedrock	27"	27"
2622	0-5	10YR 2/2 Sandy Loam		
	5-20	10YR 3/4 Loamy Fine Sand With \approx 15% Gravel		
	20-30	10YR 3/4 Fine Sand (Unconsolidated?) With		
		Bedrock Fragments, Refusal at 30" Bedrock	30"	20"
2623	0-11	10YR 2/2 Silt Loam		
	11-21	10YR 3/2 Fine Sand		
	21-32	10YR 5/8 Fine Sand /Unconsolidated Bedrock	32"	21"
2624	0-12	10YR 2/2 Loam		
	12-19	10YR 4/3 Silt Loam		
	19-31	10YR 4/3 Sandy Loam/Refusal at 31" Bedrock	31"	31"
2625	0-11	10YR 2/2 Silt Loam		
	11-21	10YR 3/2 Fine Sand		
	21-32	10YR 5/8 Fine Sand /Unconsolidated Bedrock	32"	21"
2626	0-12	10YR 2/2 Loam		
	12-19	10YR 4/3 Silt Loam		
	19-31	10YR 4/3 Sandy Loam/Refusal at 31" Bedrock	31"	31"
2627	0-10	10YR 3/2 Loam		
	10-18	10YR 4/4 Silt Loam		
	18-22	10YR 5/8 Fine Sand/Unconsolidated Bedrock	22"	18"

AFTON CREEK PRESERVE - SOIL TEST LOCATIONS - EXHIBIT D

Part of the Southeast Quarter of Section 32 and part of the Southwest Quarter of Section 33,
all in Township 28 North, Range 20 West, City of Afton, Washington County, Minnesota

SOIL TEST LOCATIONS - PNEZD FORMAT

Point Number, Northing, Easting, Elevation, Description

Coordinates are based on the Washington County
Coordinate System, Nad 83, 1985 Adjustment.

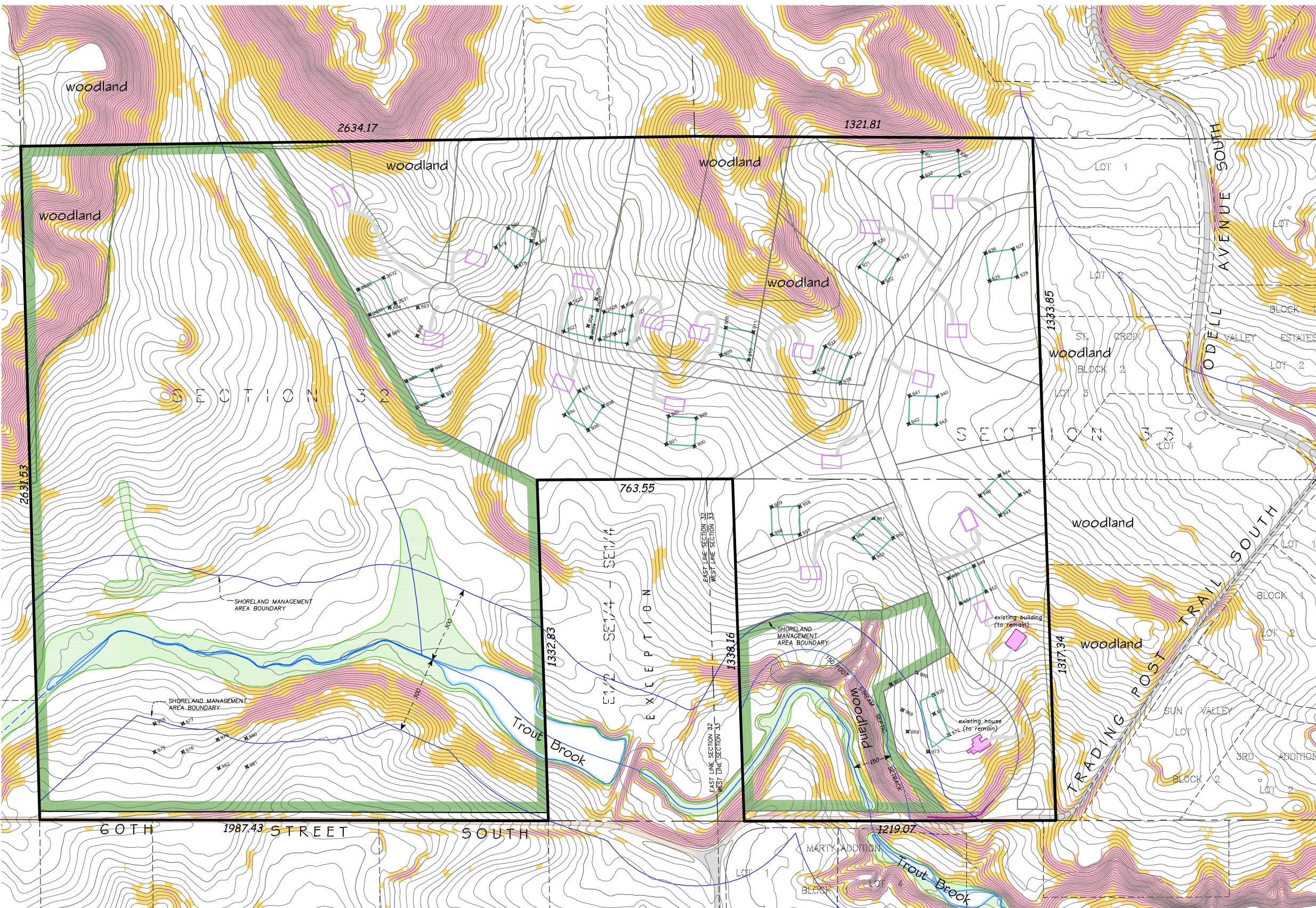
Elevations are based on the North American Vertical
Datum of 1988

Existing soil test locations

852	143223.0	504057.1	919.0	SET LATH
878	144490.9	502219.5	911.0	SET LATH
879	144567.8	502140.7	916.5	SET LATH
880	144543.2	502189.2	915.0	SET LATH
881	144592.2	502303.3	906.9	SET LATH
883	144332.7	501835.8	917.8	SET LATH
884	144332.2	501725.1	911.9	SET LATH
885	144223.8	501723.8	905.5	SET LATH
886	144222.4	501834.3	912.5	SET LATH
888	144089.0	501891.8	902.1	SET LATH
889	144045.3	501790.4	898.4	SET LATH
890	143943.4	501833.7	893.2	SET LATH
891	143986.0	501934.5	896.0	SET LATH
893	144005.6	502467.4	902.9	SET LATH
894	143913.1	502408.8	897.7	SET LATH
895	143854.1	502501.2	900.3	SET LATH
896	143947.3	502560.9	905.7	SET LATH
898	143936.9	502815.4	909.5	SET LATH
899	143900.9	502924.3	909.6	SET LATH
900	143791.5	502917.1	904.5	SET LATH
901	143799.1	502807.3	904.5	SET LATH
903	144230.2	502695.4	916.0	SET LATH
904	144261.2	502501.5	909.4	SET LATH
905	144366.3	502532.2	911.0	SET LATH
906	144335.1	502637.5	919.3	SET LATH
908	144254.7	503036.3	928.7	SET LATH
909	144146.2	503021.0	921.8	SET LATH
910	144128.4	503129.5	925.1	SET LATH
911	144237.3	503147.0	930.5	SET LATH
920	144592.2	503522.1	927.8	SET LATH
921	144400.4	503561.2	929.9	SET LATH
922	144429.2	503562.5	921.2	SET LATH
923	144520.7	503713.2	920.1	SET LATH
925	144436.7	504059.9	904.2	SET LATH
926	144545.5	504054.0	905.3	SET LATH
927	144561.3	504163.3	902.8	SET LATH
928	144452.1	504178.3	901.7	SET LATH
929	144846.7	503954.1	914.0	SET LATH
930	144844.9	503947.2	925.2	SET LATH
931	144840.7	503807.7	926.0	SET LATH
932	144842.2	503805.4	918.6	SET LATH
934	144139.2	503528.8	926.6	SET LATH
935	144037.5	503485.5	930.7	SET LATH
936	144000.1	503385.3	940.5	SET LATH
937	144180.7	503427.7	940.7	SET LATH
940	143985.4	503867.1	913.1	SET LATH
941	143988.2	503757.1	915.7	SET LATH
942	143978.4	503753.7	915.2	SET LATH
943	143974.5	503853.2	912.9	SET LATH
944	143876.9	504109.7	911.0	SET LATH
945	143600.3	504189.3	910.9	SET LATH
946	143598.1	504033.0	915.9	SET LATH
947	143502.5	504111.6	916.7	SET LATH
956	143444.9	503218.7	911.9	SET LATH
957	143445.8	503288.4	906.2	SET LATH
958	143555.5	503288.1	907.7	SET LATH
959	143554.4	503217.9	910.7	SET LATH
961	143510.0	503616.3	907.5	SET LATH
962	143433.0	503694.1	907.2	SET LATH
963	143353.7	503617.4	898.2	SET LATH
964	143432.1	503535.4	900.8	SET LATH
966	142956.9	503786.2	896.6	SET LATH
967	142851.4	503684.7	888.4	SET LATH
968	142761.1	503730.3	892.5	SET LATH
969	142677.0	503750.2	893.5	SET LATH
970	142620.2	503851.0	901.8	SET LATH
971	142745.8	503853.1	900.9	SET LATH
972	142654.0	503811.7	901.3	SET LATH
973	142698.1	503829.7	895.9	SET LATH
975	142596.8	503807.2	896.2	SET LATH
976	142595.9	500918.1	887.5	SET LATH
977	142707.2	500917.7	878.4	SET LATH
978	142707.4	500807.8	879.9	SET LATH
979	142645.2	501053.8	886.1	SET LATH
980	142650.2	501164.6	891.6	SET LATH
981	142638.4	501167.8	897.7	SET LATH
982	142633.8	501058.4	893.0	SET LATH

Proposed soil test locations

2621	144239.4	502405.5	903.1	SET LATH
2622	144347.3	502431.2	903.9	SET LATH
2623	144322.9	502538.2	911.5	SET LATH
2624	144215.2	502513.9	910.0	SET LATH
2625	144208.0	502545.9	912.1	SET LATH
2626	144316.7	502563.9	913.6	SET LATH
2627	144300.1	502672.5	922.6	SET LATH
2628	144191.1	502654.6	921.7	SET LATH
2629	144033.0	502779.4	908.5	SET LATH
2630	144303.8	501648.1	905.5	SET LATH
2631	144349.5	501748.0	914.4	SET LATH
2632	144449.5	501701.9	915.4	SET LATH
2633	144403.5	501602.4	908.3	SET LATH

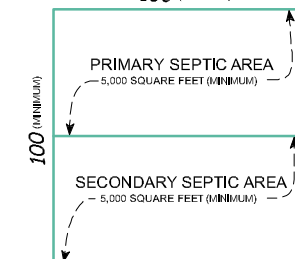


SURVEY REPORT:

The purpose of this survey is to document soil test locations, both existing and proposed, for review by the Washington County Public Health Department and the preparation of a preliminary plat. Soil tests were performed by Brian Humpal, Midwest Soil Testing. As of the date of this survey, the depicted subdivision is a concept only, and has not been approved by any governing agencies. The smallest septic area tested on this survey was 11,500 square feet.

Minimum Standards Proposed Septic Areas

(NOT TO SCALE)



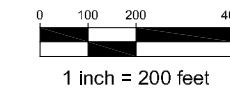
Legend

- Denotes slopes 12%-18%
- Denotes slopes over 18%
- Denotes woodland location.
- Denotes stream.
- Denotes set lath and corresponding point number for soil test location.
- Denotes proposed house sills.
- Denotes proposed septic area.
- Denotes proposed driveway location.

Contours are at two foot intervals and are based on field measurements and data provided by the Minnesota Department of Natural Resources.

Woodland locations are approximate and are based on data obtained through the National Wetlands Inventory - V2 online interface and the City of Afton Zoning Map (MAP 11).

Scale in Feet



OFFICIAL COPIES OF THIS MAP ARE CRIMP SEALED

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.

Landmark Surveying, Inc.

mill hook February 04, 2018
Milo B. Horak, Minnesota License No. 52577 Date
Revised August 3, 2018 - Lot lines per City comments.