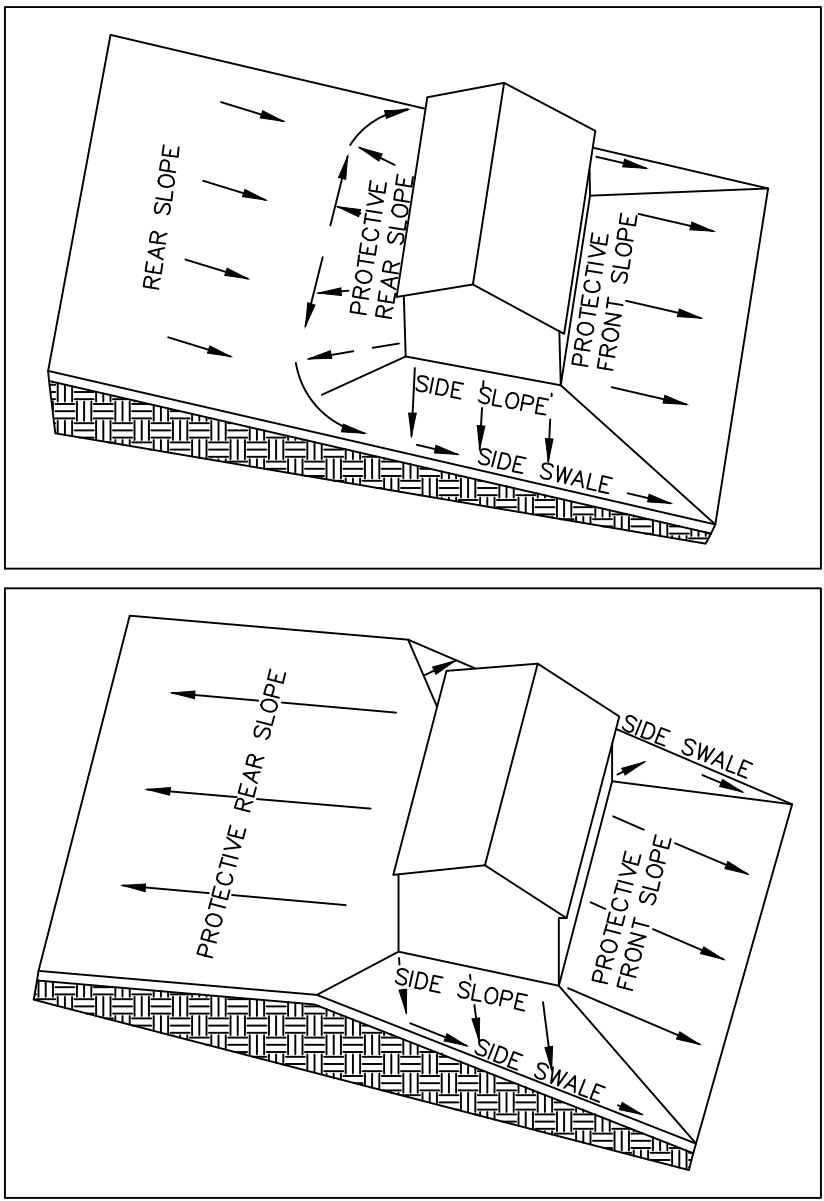
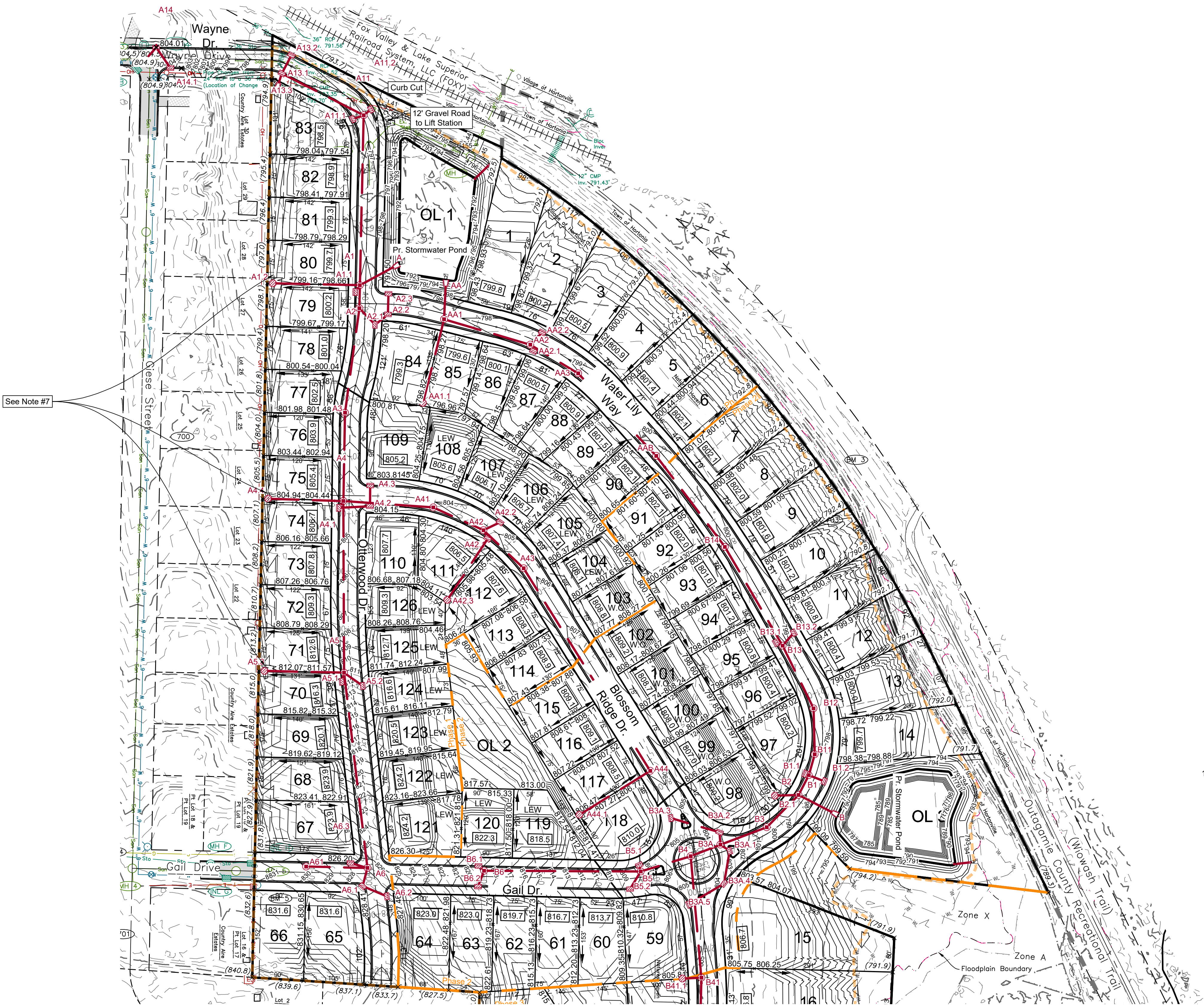


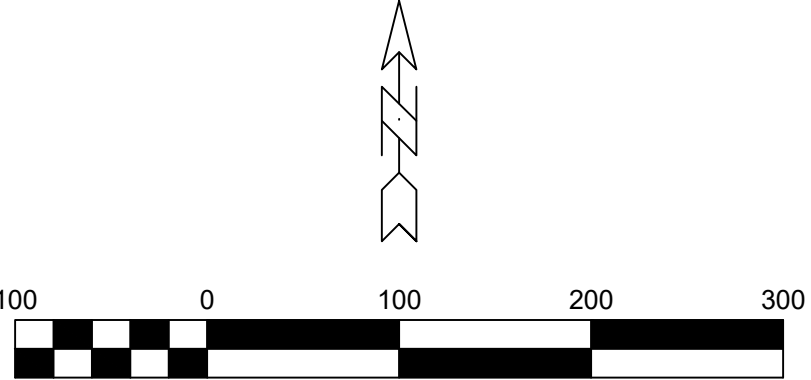


HOUSE ELEVATIONS:

The house elevations shall be set to provide positive drainage away from the building in all directions as shown in the above details. House elevations and driveway locations may need to vary depending on size, location, and architecture of the home. Changes to the grading plan or house elevations can be allowed only if an individual lot grading plan is prepared by a professional engineer.

NOTES:

- 1. Existing utilities shown are indicated in accordance with available records and field measurements. The contractor shall be responsible for obtaining exact locations & elevations of all utilities, including sewer and water from the owners of the respective utilities. All utility owners shall be notified by the contractor 72 hours prior to excavation. Contact Digger's Hotline (1-800-242-8511) for exact utility locations.
- 2. The Contractor shall verify all staking and field layout against the plan and field conditions prior to constructing the work and immediately notify the Engineer of any discrepancies.
- 3. The contractor shall minimize the area disturbed by construction as the project is constructed. Disturbed areas shall be seeded as soon as final grade is established. Contractor shall replace topsoil and then seed, fertilize and mulch all lawn areas within 1 week of topsoil placement.
- 4. Contractor shall remove all excess materials from the site. Earthwork contractors shall verify topsoil depth.
- 5. All sediment and erosion control devices and methods shall be in accordance with the Wisconsin DNR Technical Standards.
- 6. The contractor shall make weekly inspections and inspections within 1 day of any rainfall exceeding 0.5 inches of the sediment and erosion control devices throughout construction. The contractor shall repair or maintain erosion control devices as necessary. The inspection reports shall be made available to the owner at the end of the construction or upon demand during construction.
- 7. Downstream of each yard drain raise flow line of swale 12" to prevent bypass on inlets.



LEGEND

CATV	CATV	Underground Cable TV	Sanitary MH / Tank / Base	CATV Pedestal
FO	FO	Underground Fiber Optic	Clean Out / Pull Box	Gas Regulator
OH	OH	Overhead Utility Lines	Storm Manhole	Railroad Signal
UW	UW	Utility Wire	Inlet	Sign
Son	Son	Sanitary Sewer (Pipe Size)	Catch Basin / Yard Drain	Tower / Silo
Sto	Sto	Storm Sewer (Pipe Size)	Water MH / Well	Post / Guard Post
E	E	Underground Electric	Curb Stop	Satellite Dish
G	G	Underground Gas Line	Hydrant	Flag Pole
T	T	Underground Telephone	Utility Valve	Large Rock
W	W	Water Main (Pipe Size)	Utility Meter	Deciduous Tree
Fence - Steel			Light Pole / Signal	Coniferous Tree
Fence - Wood			Guy Wire	Bush / Hedge
Fence - Barbed Wire			Electric Pedestal	Stump
Tree Line			Electric Transformer	Soil Boring
Railroad Tracks			Electric Manhole	Benchmark
Culvert			Air Conditioner	Asphalt Pavement
Index Contour - Existing			Telephone Pedestal	Concrete Pavement
Intermediate Contour - Existing			Telephone Manhole	Gravel
Delineated Wetlands			+799.9	Ex Spot Elevation
Proposed Storm Sewer			Proposed Storm Manhole	
Proposed Curb Inlet			Prop. Catch Basin / Yard Drain	
Proposed Swale			Proposed Endwall	
Proposed Culvert			Proposed Rip Rap	
Adjacent Plat Grade			Prop. Drainage Direction	
Prop. Lot Corner Elevation			Prop. Garage Floor Grade at Door	
Proposed Spot Elevation			Emergency Overflow for Runoff	
Existing Grade				
Eligible for Lower Exposure				
Eligible for Walk-Out				

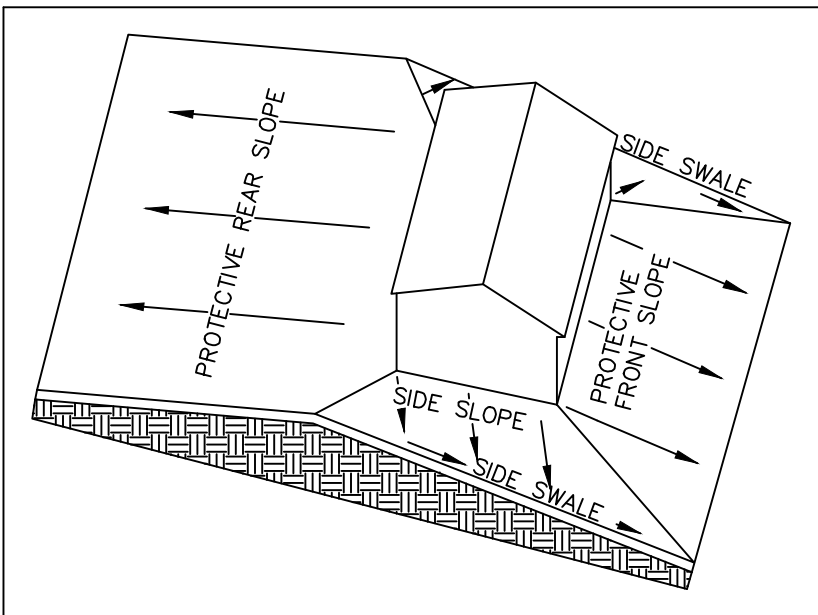
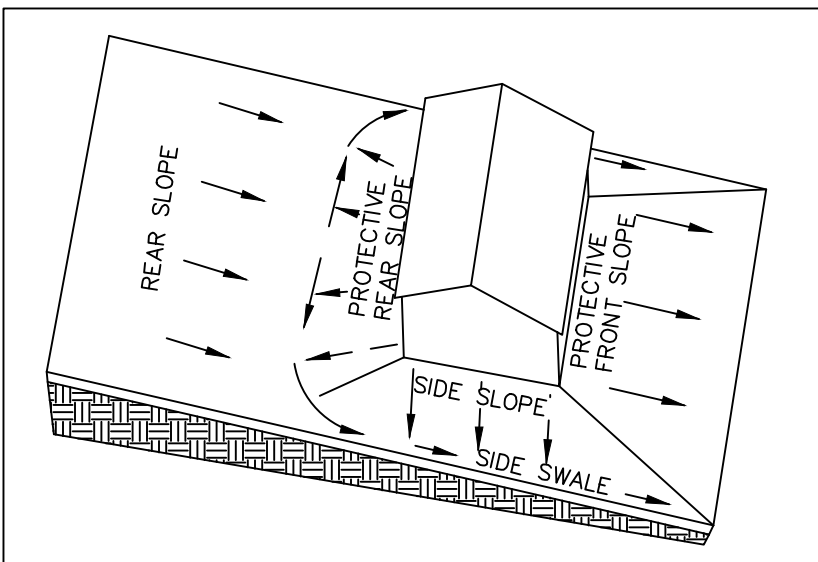
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Civil Engineers and Land Surveyors
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Ph: 920-981-1868
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DRAINAGE & GRADING PLAN

Natures Haven
Village of Hortonville, Outagamie County, WI
For: Tom McHugh Construction LLC

Date: 07/6/2026
Filename: 7424Engr.dwg
Author: JRD
Last Saved by: eric
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HOUSE ELEVATIONS:

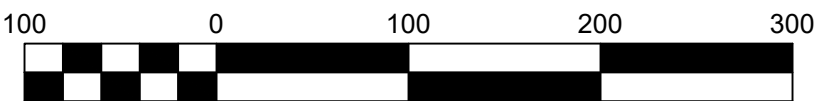
The house elevations shall be set to provide positive drainage away from the building in all directions as shown in the above details. House elevations and driveway locations may need to vary depending on size, location, and architecture of the home. Changes to the grading plan or house elevations can be allowed only if an individual lot grading plan is prepared by a professional engineer.

NOTES:

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- Contractor shall remove all excess materials from the site. Earthwork contractors shall verify topsoil depth.
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- The contractor shall make weekly inspections and inspections within 1 day of any rainfall exceeding 0.5 inches of the sediment and erosion control devices throughout construction. The contractor shall repair or maintain erosion control devices as necessary. The inspection reports shall be made available to the owner at the end of the construction or upon demand during construction.

LEGEND

— CATV — CATV	Underground Cable TV	Sanitary MH / Tank / Base	CATV Pedestal
— FO — FO	Underground Fiber Optic	Clean Out / Pull Box	Gas Regulator
— OH — OH	Overhead Utility Lines	Storm Manhole	Railroad Signal
— Utility Guy Wire	Utility Guy Wire	Inlet	Sign
— San — San	Sanitary Sewer (Pipe Size)	Catch Basin / Yard Drain	Tower / Silo
— Sto — Sto	Storm Sewer (Pipe Size)	Water MH / Well	Post / Guard Post
— E — E	Underground Electric	Curb Stop	Satellite Dish
— G — G	Underground Gas Line	Hydrant	Large Rock
— T — T	Underground Telephone	Utility Valve	Flag Pole
— W — W	Water Main (Pipe Size)	Utility Meter	Deciduous Tree
— Fence - Steel	Fence - Steel	Light Pole / Signal	Coniferous Tree
— Fence - Wood	Fence - Wood	Guy Wire	Bush / Hedge
— Fence - Barbed Wire	Fence - Barbed Wire	Electric Pedestal	Stump
— Treeline	Treeline	Electric Transformer	Soil Boring
— Railroad Tracks	Railroad Tracks	Electric Manhole	Benchmark
— Culvert	Culvert	Air Conditioner	Asphalt Pavement
— Index Contour - Existing	Index Contour - Existing	Telephone Pedestal	Concrete Pavement
— Intermediate Contour - Existing	Intermediate Contour - Existing	Telephone Manhole	Gravel
— Delineated Wetlands	Delineated Wetlands	+799.9 Ex Spot Elevation	
— 608 — 608	Proposed Storm Sewer	Proposed Storm Manhole	
— 608.73 — 608.73	Proposed Contour	Proposed Curb Inlet	
— 608.73 — 608.73	Proposed Swale	Prop. Catch Basin / Yard Drain	
— 608.73 — 608.73	Proposed Culvert	Proposed Endwall	
— 608.73 — 608.73	Adjacent Plat Grade	Proposed Rip Rap	
— 608.73 — 608.73	Prop. Lot Corner Elevation	Prop. Drainage Direction	
— 608.73 — 608.73	Proposed Spot Elevation	Prop. Garage Floor Grade at Door	
— 608.73 — 608.73	Existing Grade	Emergency Overflow for Runoff	



DRAINAGE & GRADING PLAN

Natures Haven
Village of Hortonville, Outagamie County, WI
For: Tom McHugh Construction LLC



- | <u>Key Elevations Relative to Finished C/L</u> | |
|--|-------|
| R/W | +0.54 |
| Top of curb | -0.12 |
| Binder course | -0.13 |
| Gravel grade @ C/L | -0.29 |
| Subgrade @ C/L | -1.29 |



DRAINAGE & GRADING PLAN- ROUNDABOUT

Natures Haven
Village of Hortonville, Outagamie County, WI
For: Tom Mchugh Construction LLC

Date:	07/6/2026
Filename:	7424Engr.dwg
Author:	JRD
Last Saved by:	eric
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