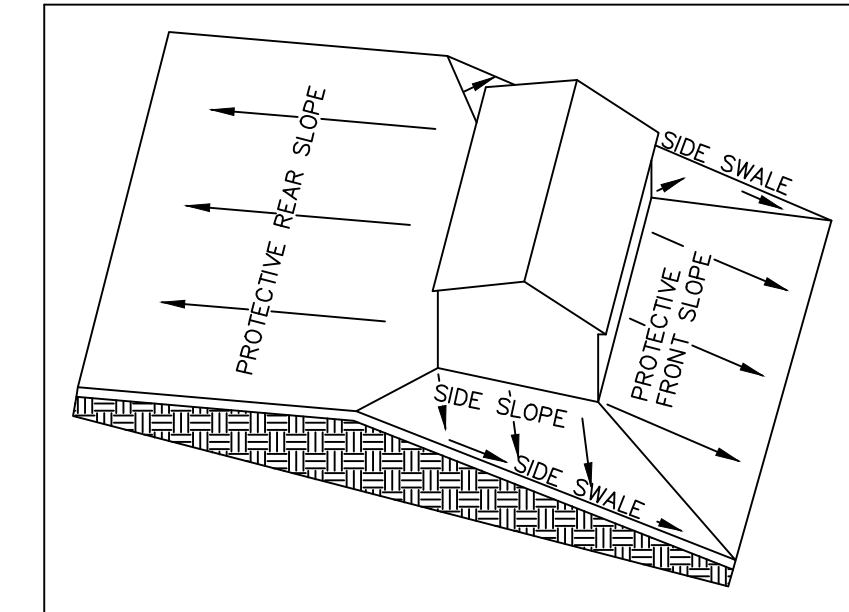
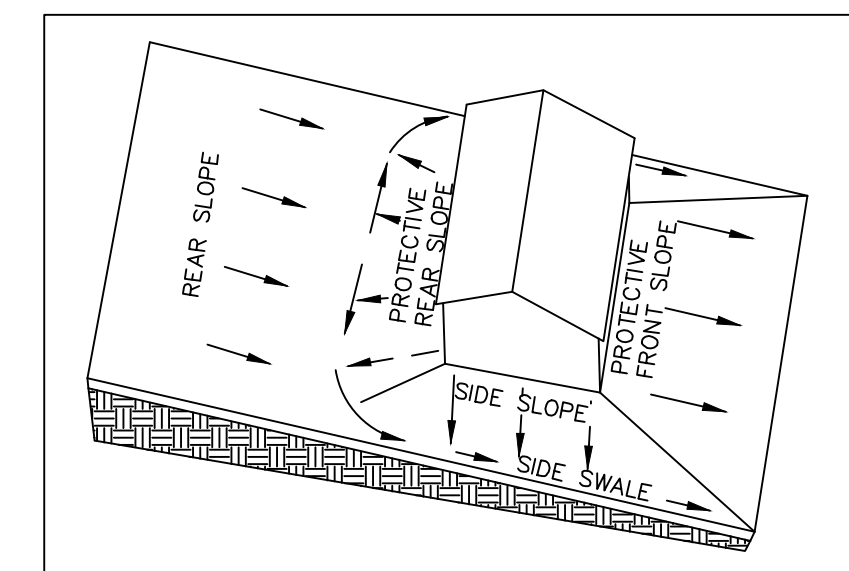


NOTES:

- 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.
- 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.
- Vegetation beyond slopes shall remain.
- 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.
- Contractor shall remove all excess materials from the site. Earthwork contractors shall verify topsoil depth.
- All sediment and erosion control devices and methods shall be in accordance with the Wisconsin DNR Technical Standards. See Sheet 1.3
- 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.

BENCHMARKS (NAVD 88)

- BM 0 NGS PID 7436 Brass Disk
STH 76 ±1000' S of Breezewood Lane
Elev 835.77'
- BM 1 Fire Hydrant, Tag Bolt
±100' S of site on Lone Oak Drive
Elev 758.96'
- BM 2 Fire Hydrant, Tag Bolt
Northeast Corner Lot 13
Elev 762.08'
- BM 3 Fire Hydrant, Tag Bolt
Lot 10/ Lot 11
Elev 760.74'
- BM 4 Fire Hydrant, Tag Bolt
Southeast Corner Lot 6
Elev 764.13'
- BM 5 Fire Hydrant, Tag Bolt
Southwest Corner Lot 3
Elev 762.70'
- BM 6 Fire Hydrant, Tag Bolt
North End of Lone Oak Drive (Temp Hydrant)
Elev 764.46'

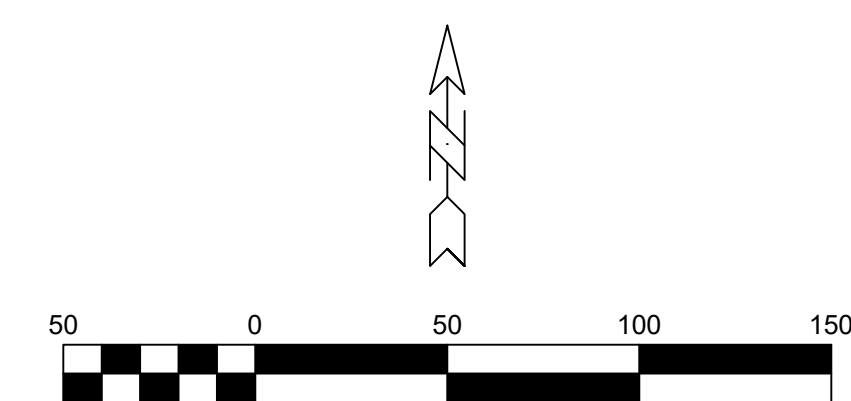


HOUSE ELEVATIONS:

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.

LEGEND

—CATV—CATV—	Underground Cable TV	○	Sanitary MH / Tank / Base	□	CATV Pedestal
—FD—FD—	Underground Fiber Optic	⊗	Clean Out / Curb Stop / Pull Box	□	Gas Regulator
—San—San—	Sanitary Sewer	⊕	Storm Manhole	△	1/4" Rebar Found
—Sto—Sto—	Storm Sewer	⊙	Inlet	□	3/4" Rebar Found
—E—E—	Underground Electric	⊗	Catch Basin / Yard Drain	□	1" Iron Pipe Found
—G—G—	Underground Gas Line	⊙	Water MH / Well	⊙	Government Corner
—T—T—	Underground Telephone	⊙	Hydrant	⊙	Soil Boring
—W—W—	Water Main	⊙	Utility Valve	⊙	Benchmark
—T—T—	Treeline	⊙	Light Pole / Signal	⊙	Asphalt Pavement
—W—W—	Wetlands	⊙	Electric Pedestal	⊙	Concrete Pavement
—800—	Index Contour	⊙	Electric Transformer	⊙	Gravel
—799—	Intermediate Contour	⊙	Telephone Pedestal	⊙	
—608—	Proposed Storm Sewer	⊙	Telephone Manhole	⊙	
—[607.86]—	Proposed Contour	⊙	Proposed Storm Manhole	⊙	
—[608.73]—	Proposed Swale	⊙	Proposed Curb Inlet	⊙	
—x [608.73]—	Proposed Culvert	⊙	Prop. Catch Basin / Yard Drain	⊙	
—x [608.7]—	Adjacent Plat Grade	⊙	Proposed Endwall	⊙	
	Prop. Lot Corner Elevation	⊙	Proposed Rip Rap	⊙	
	Proposed Spot Elevation	⊙	Prop. Drainage Direction	⊙	
	Existing Grade	⊙	Prop. Garage Floor Elev.	⊙	
		⊙	Artificial Wetlands	⊙	



PRELIMINARY 11/28/2018

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www.davelpro

DRAINAGE & GRADING PLAN

Cardinal Plat
City of Neenah, Winnebago County, WI
For: Cardinal Neenah, LLC

Date: 04/23/2020
Filename: 4851engr.dwg
Author: JRD
Last Saved by: kyle
Page 1.2