



**BENCHMARKS (NAVD 88 Datum)**

BM 0	NGS PID 4X74 Brass Disk in concrete Elev 791.60
BM 100	Fire Hydrant, Tag Bolt NW Corner Lot 35, Int. of Jochmann Dr. and Parker Way Elev 777.81
BM 101	Fire Hydrant, Tag Bolt Parker Way, #73' N of Int. Jochmann Dr. and Parker Way Elev 777.21
BM 102	Fire Hydrant, Tag Bolt Between Lots 4 & 5; S R/W Jochmann Dr. Elev 777.62
BM 103	Fire Hydrant, Tag Bolt NE Corner Lot 58, Int. of Jochmann Dr. & Emily Lane Elev 779.21
BM 106	Fire Hydrant, Tag Bolt Between Lots 8 & 9; Parker Way R/W Elev 780.40
BM 107	Fire Hydrant, Tag Bolt Between Lots 11&12; Parker Way R/W Elev 781.48
BM 108	Fire Hydrant, Tag Bolt SW Corner Lot 12; Parker Way R/W Elev 782.98
BM 109	Fire Hydrant, Tag Bolt Lot 30; Mase Court R/W Elev 780.34
BM 110	Fire Hydrant, Tag Bolt Between Lots 26 & 27; Mase Court Cul-de-Sac Elev 778.89
BM 200	Fire Hydrant, Tag Bolt Between Lots 56 & 57; Emily Lane R/W Elev 780.78
BM 201	Fire Hydrant, Tag Bolt SW Corner of Lot 64; NE Int. of Parker Way & Emily Lane Elev 785.17
BM 202	Fire Hydrant, Tag Bolt Between Lots 49 & 50; Parker Way R/W Elev 787.18
BM 203	Fire Hydrant, Tag Bolt NE Corner of Lot 44; Hoelzel Way S R/W Elev 783.90

**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:**

- 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. 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.
- Updated survey and title search have not been authorized and the boundary and easements shown may be inaccurate or incomplete.
- Phase 3 construction subject to removal of existing driveways and improvements. Lot 64 improvements to remain with driveway re-alignment to Jochmann Road.
- East side downspouts shall be directed to either the front or rear yards for lots 43 & 44.

**LEGEND**

— CATV —	CATV	Underground Cable TV	Sanitary MH / Tank / Base	Telephone Pedestal
— OH —	Overhead Electric Lines	Sanitary Sewer	Clean Out / Curb Stop / Pull Box	CATV Pedestal
— UGW —	Utility Guy Wire	Storm Sewer	Storm Manhole	Gas Regulator
— SAN —	Sanitary Sewer	Water Main	Inlet	Sign
— STO —	Storm Sewer	Underground Electric	Catch Basin / Yard Drain	Flag Pole
— E —	Electric	Underground Gas Line	Water MH / Well	Deciduous Tree
— G —	Gas	Underground Telephone	Hydrant	Coniferous Tree
— T —	Telephone	Fence - Steel	Utility Valve	Bush / Hedge
— W —	Water Main	Fence - Wood	Utility Meter	Marsh
— F —	Fence	Wetlands	Utility Pole	Soil Boring
— V —	Wetlands	Tree Line	Light Pole / Signal	Benchmark
— T —	Tree Line	Proposed Storm Sewer	Guy Wire / Pump	Asphalt Pavement
— C —	Culvert	Proposed Contour	Electric Pedestal	Concrete Pavement
— I —	Index Contour	Proposed Storm Sewer	Electric Transformer	Gravel
— M —	Intermediate Contour	Proposed Swale	Air Conditioner	
— S —	Proposed Storm Sewer	Proposed Culvert	+799.9	Ex Spot Elevation
— SW —	Proposed Swale	Proposed Adjacent Plat Grade	Proposed Storm Manhole	Proposed Curb Inlet
— CU —	Proposed Culvert	Prop. Lot Corner Elevation	Prop. Catch Basin / Yard Drain	Proposed Endwall
— AG —	Adjacent Plat Grade	Prop. Spot Elevation	Prop. Drainage Direction	Proposed Rip Rap
— P —	Prop. Lot Corner Elevation	Existing Grade	Prop. Ground Elevation at Foundation	Prop. Lintole Slope
— SE —	Prop. Spot Elevation		Prop. Lintole Slope	Limit of Disturbance
— EX —	Existing Grade			

**DRAINAGE PLAN CERTIFICATION:**  
I, Timothy N. Wittmann, Professional Engineer, hereby certify that this Drainage Plan will meet or exceed the requirements of the Village of Harrison.

Timothy N. Wittmann, P.E. E-40111 Date

