



**MGP/EROSION CONTROL NOTES:**

**BASEMENT RESTRICTION – GROUNDWATER:**  
 BASEMENT FLOOR SURFACE ELEVATIONS SHALL NOT BE LOWER THAN THE PROPOSED BASEMENT FLOOR ELEVATIONS SHOWN IN THE TABLE SHOWN EITHER ON THE PLAN OR ON THE MASTER GRADING PLAN AND EROSION CONTROL PLAN DUE TO THE POTENTIAL FOR THE SEASONAL HIGH WATER TABLE. MINIMUM BASEMENT FLOOR ELEVATION CHANGES MAY ONLY BE AUTHORIZED UPON FURTHER ANALYSIS COMPLIANT WITH THE CITY OF WAUKESHA STORM WATER MANAGEMENT ORDINANCE AND SUCH ANALYSIS MUST BE APPROVED BY THE CITY OF WAUKESHA ENGINEERING DEPARTMENT.

**EXISTING TOPOGRAPHY:**  
 The existing topography was obtained by KM Survey, Dated: May, 2016.

**BENCHMARKS:**  
 1) NW corner of the SW 1 of Sec. 22; concrete monument with brass cap. Elevation=73.95  
 2) NW corner of the SW 1 of Sec. 22; concrete monument with brass cap. Elevation = 77.43  
 3) NE corner of the SW 1 of Sec. 22; concrete monument with brass cap. Elevation=78.07  
 City of Waukesha datum, odd 780.56 to achieve USGS datum.

- All work shall be in accordance with the Standard Specifications for Highway and Structure Construction, State of Wisconsin, Latest Edition, unless otherwise called for on the plans, specifications or special provisions.
- All erosion control measures specified on this plan shall meet the design criteria, standards and specifications as set forth in the Department of Natural Resources Wisconsin Construction Site Best Management Practice Handbook.
- All erosion control devices (i.e., silt fence, gravel entrance, retention pond, siltation basin, etc.), shall be installed prior to commencing mass grading or utility construction.
- All activities on the site shall be conducted in a logical sequence to minimize the area of bare soil exposed at any one time.
- The owner will provide all surveying and construction staking for this contract. The contractor shall exercise care and diligence in protecting the same. Any expense incurred for additional restaking caused by contractor's neglect may be charged to the contractor and deducted from the sums due him under this contract.
- The contractor shall notify Diggers Hotline, all utilities City Departments, and government units whose property may be affected by the contractor's operations of at least three (3) days before breaking ground. Diggers Hotline number is 811.
- Public roads shall not be closed to traffic at any time. All ingress and egress traffic to the project shall be limited to the gravel entrance to the property.
- Contractor shall be responsible for maintaining the Streets shall be kept free of silt or dirt tracked from areas under construction by sweeping or other appropriate measures. Dust generated by construction activities shall be minimized by use of watering, calcium chloride surface treatment, construction scheduling or other appropriate methods.
- Inlets shall be protected with a TYPE F erosion fabric.
- Upon completion of the work as specified, respread four (4") inches of salvaged topsoil over all disturbed areas and provide seed, fertilizer and mulch per the Standard Specifications.
- All disturbed areas out of the road right of way shall be revegetated within seven days after being disturbed (weather permitting). Highway mix #40 shall be used for seeding with an application rate of 2.5 lbs/1000 sf.
- All erosion control devices shall be routinely inspected every seven to ten days or within 24 hours of a rainfall greater than 1.5 inches.
- All stormwater (where applicable) shall be directed towards a sediment basin or trap by means of a diversion or temporary ditch.
- If site is not stabilized by September a winter stabilization plan will be required to continue construction.

SCALE: 1" = 40'

REVISIONS	DATE	COMMENT

MARK R. EBERSOLE  
 LICENSE NO. 12154  
 MECHANICAL ENGINEERING  
 PROFESSIONAL ENGINEER

**Elena Engineering Consultants, LLC**  
 THE CITY ENGINEERING & CONSTRUCTION CONSULTANTS

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Timber Ridge - Villas PUD Amendment  
 City of Waukesha, Wisconsin

## Master Grading & Drainage Plan

(INCLUDES EROSION CONTROL)

SCALE: 1"=40'	DATE: 06/01/16
DESIGNED BY: MRE/PE	PROJECT NO:
APPROVED BY:	C2

**Note:** All work shall be in accordance with the Standard Specifications for Highway and Structure Construction, State of Wisconsin, Latest Edition, and the City of Waukesha Ordinances and/or the Standard Specifications as set forth in the State of Wisconsin Department of Corrections. All permits must be obtained by the contractor prior to commencing work.