

THE BOUNDARY & TOPOGRAPHIC SURVEY WAS PROVIDED BY JAHNKE & JAHNKE SURVEYING, INC. UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES AND THE LOCAL MUNICIPALITY. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.

GENERAL CONSTRUCTION NOTES:

- All work shall be in accordance with the Standard Specifications for Highway and Structure Construction, State of Wisconsin, Latest Edition; the State of Wisconsin Plumbing Code AND the City of Waukesha Ordinances, unless otherwise called for on the plans, specifications or special provisions.
- Contractor shall obtain all local, state or federal permits prior to commencing any construction on the site. Any Work within the right of way will require additional permits from the State, County or City. Contractor is required to contact all agencies for applicable permits.
- All erosion control measures specified on this plan shall meet the design criteria, standards and specifications set forth in the Department of Natural Resources Wisconsin Technical Standards.
- All erosion control devices (i.e., gravel access, silt fence, etc.), shall be installed prior to commencing any site work on the property.
- 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.
- The contractor shall notify Diggers Hotline, all utilities City Departments, and government units whose property may be affected by the contractor's operations 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 TRACKING PAD entrance to the property.
- Contractor shall be responsible for maintaining the public roadways. The Roadways shall be kept free of silt or dirt tracked from areas under construction by sweeping within 24hrs.
- Upon completion of the work as specified, respread four (4") inches of salvaged topsoil over all disturbed areas and provide seed, fertilizer and erosion control fabric per the WDRM Technical Standards.
- All disturbed areas that remain inactive for more than 7 days shall be revegetated. Highway mix #40 shall be used for seeding with an application rate of 4.0 lbs/1000 sq. ft. unless otherwise specified on the plan.
- All erosion control devices shall be routinely inspected every seven days or within 24 hours of a rainfall greater than 0.5 inches. INSPECTION BY GENERAL CONTRACTOR.

CONSTRUCTION PHASING SEQUENCING:

- THE GENERAL CONTRACTOR MUST OBTAIN ALL APPLICABLE LOCAL, STATE AND FEDERAL PERMITS PRIOR TO PROCEEDING WITH THE FOLLOWING CONSTRUCTION SEQUENCE AS REQUIRED BY THE WDRM AND THE CITY OF WAUKESHA:
- INSTALL SILT FENCE & GRAVEL CONSTRUCTION ENTRANCE AS SHOWN ON THE PLAN.
 - STRIP TOPSOIL AND HAUL OFFSITE.
 - PROOF ROLL AS MONITORED BY SOILS CONSULTANT, PLACE STONE SUBGRADE AND PAVE ALL PARKING LOT SURFACES.
 - RESTORE ALL DISTURBED AREAS IN LESS THAN 7 DAYS AS SPECIFIED ON THE PLAN AND NOTES.
 - REVEGETATE AND STABILIZE ALL REMAINING DISTURBED AREAS PER PLAN.
 - FOLLOWING FINAL INSPECTION BY THE CITY AND FULL SITE STABILIZATION; REMOVE ALL TEMPORARY EROSION CONTROL MEASURES, INCLUDING THE TRACKING PAD.

OPEN CHANNEL FLOW CALCULATIONS:
 100YR DISCHARGE FROM 0.85 PARKING LOT = +/- 6.5CFS
 FLOW DEPTH IN OPEN CHANNEL = 0.12FT OR 1.4inches

The open channel flow calculator

Select Channel Type: Trapezoid Rectangle Triangular Circular

Depth from Q: Select unit system: (Feet/m)

Channel slope (S): Bottom width (b):

Flow velocity (V): Left Slope (Z1): Right Slope (Z2):

Flow discharge (Q): Input a value (Q) or select a calculation

Wetted perimeter (P): Flow area (A): Top width (T):

Specific energy (E): Froude number (Fr): Flow status:

Critical depth (Dc): Critical slope (Sc): Velocity head (h):

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GRADING CONSTRUCTION SCHEDULE:
 Estimated Start Date: September 15, 2017
 Estimated Completion Date for Proposed Stabilization: October 15, 2017

REVISIONS	
DATE	DESC.

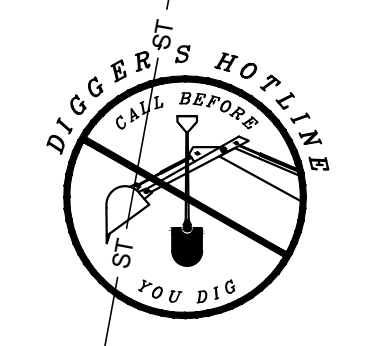
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SCENIC STORAGE AREA
 Waukesha, Wisconsin

GRADING, PAVING & EROSION CONTROL PLAN

SCALE: 1"=20' JOB NO.: DATE: 08-02-17

CHECKED BY: C1



SCALE: 1" = 20'