

Information for File #MVP-2015-00167-LMG

Applicant: Lakeview Development Company

Corps Contact: LeeAnn Glomski

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Phone: (651) 290-5324

Primary County: Wright

Sections: 23

Township: 120N

Range: 24W

Information Complete On: December 16, 2015

Posting Expires On: December 26, 2015

Authorization Type: LOP-05-MN

This application is being reviewed in accordance with current practices for documenting Corps jurisdiction under Section(s) 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act.

We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are subject to Corps of Engineers jurisdiction under Section(s) 9 & 10 of the Rivers and Harbors Act of 1899 and/or Section 404 of the Clean Water Act. If an approved jurisdictional determination is completed as part of the review process for this application, a copy will be posted on the St. Paul District web page at the following link:
<http://www.mvp.usace.army.mil/Missions/Regulatory.aspx>.

Project Description

The Lakeview Development Company proposes to discharge fill material into 0.26 acre of seasonally flooded basin and 0.12 acre of ditch. The work would be conducted in association with Phase I of a residential development.

Federally Listed Threatened and Endangered Species

According to the USFWS Midwest Region website, which was checked on December 14, 2015, the Northern long-eared bat (threatened) is found in Wright County, Minnesota.

Historic Properties

The latest version of the National Register of Historic Places has been consulted and no listed properties (known to be eligible for inclusion, or included in the Register) are located in the project area.

Drawings

See attached MVP-2015-00167-LMG, Page 1 of 3 through Page 3 of 3.

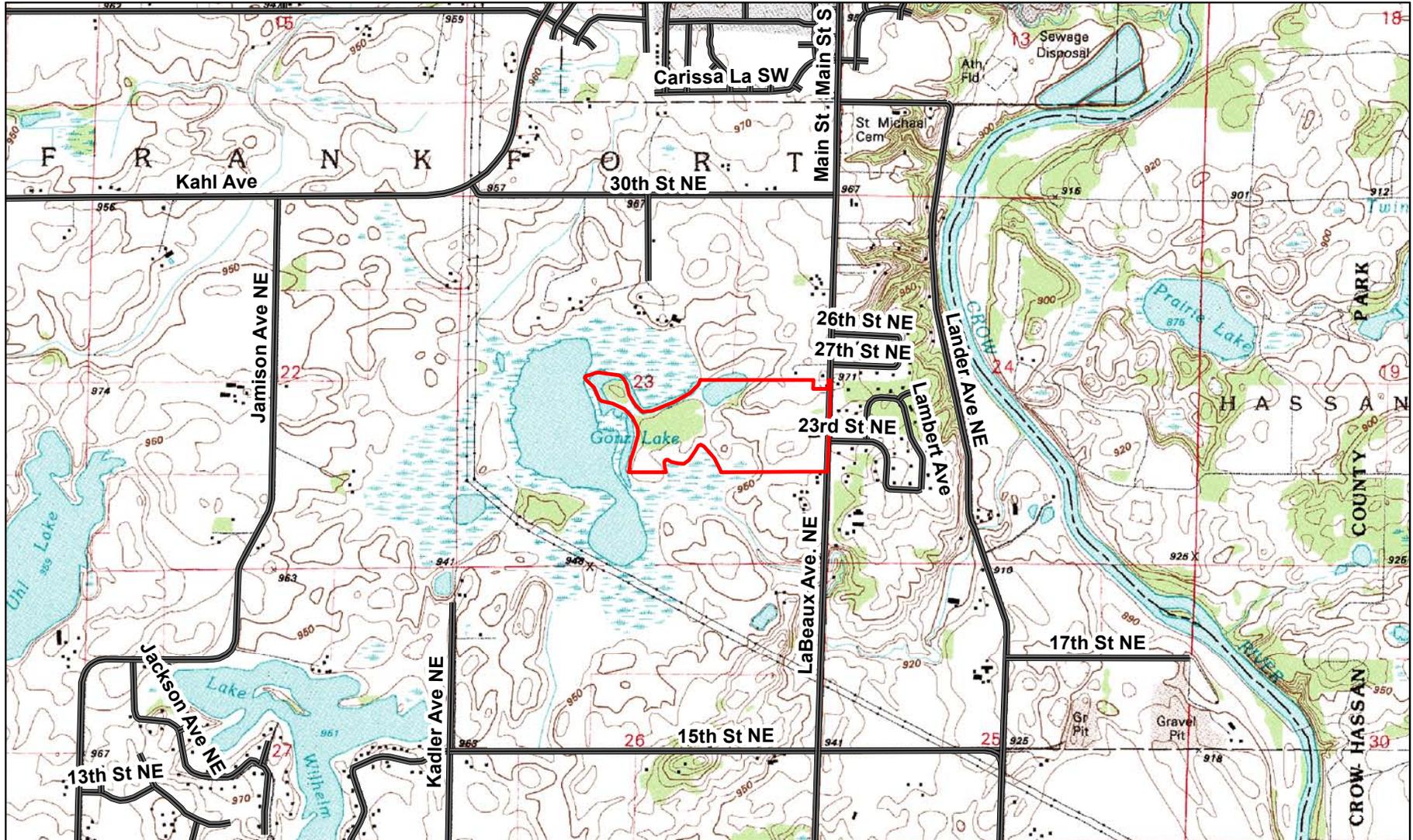


Figure 2 - USGS Topography

 N

 0 2,000 Feet

 Project Boundary

 Roads

Labeaux-O'Donnell (KES 2014-084)
St. Michael, Minnesota

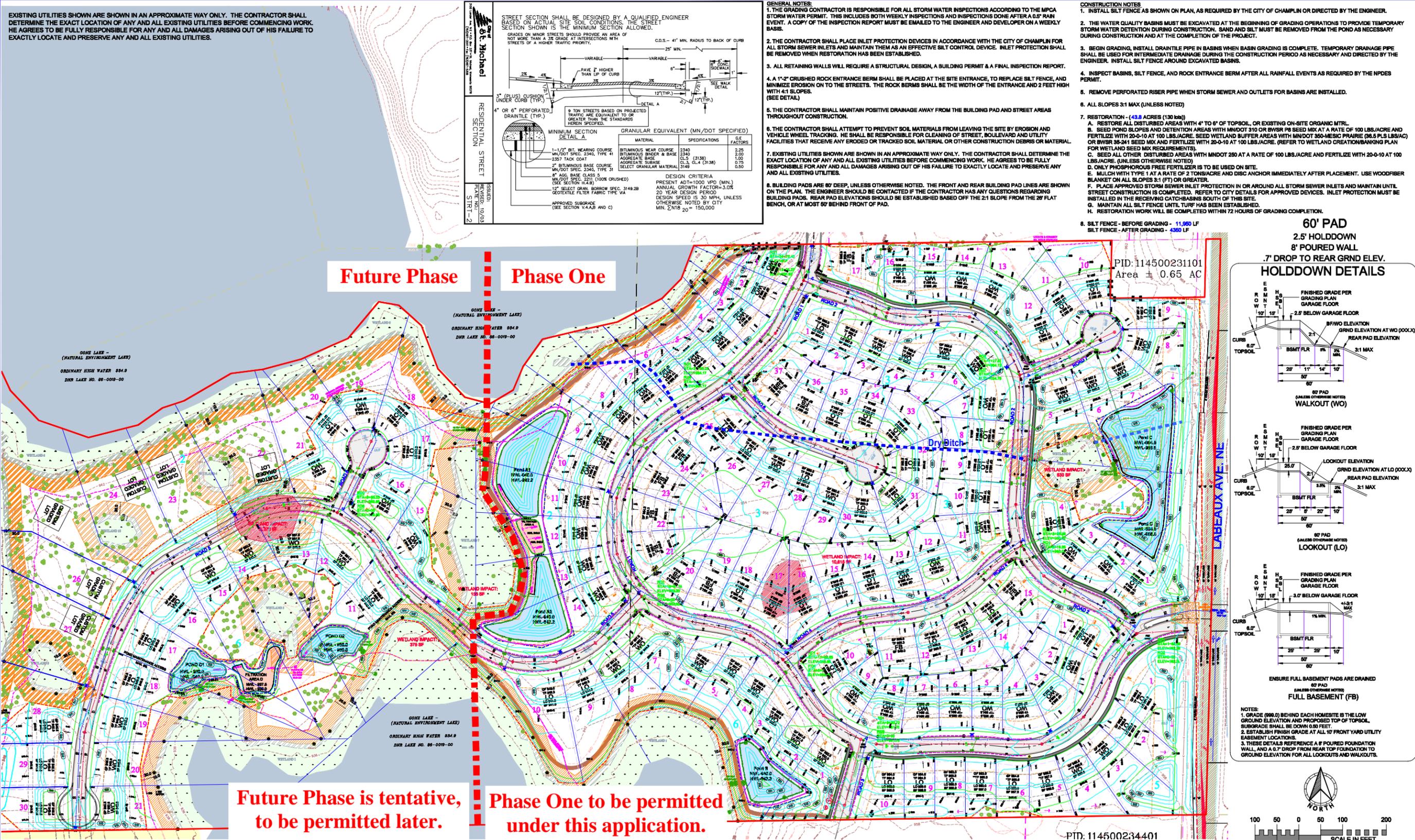
Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.

 **KJOLHAUG** ENVIRONMENTAL SERVICES COMPANY



Figure 3 - Surrounding Land Use and Environmental Setting

	<p>N</p>  <p>0 600</p>  <p>Feet</p>	<p> Project Boundary</p>	<p>Labeaux-O'Donnell (KES 2014-084) St. Michael, Minnesota</p> <p>Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.</p>
		<p> Wright County Roads</p>	



Future Phase is tentative, to be permitted later.

Phase One to be permitted under this application.

DRAWING NAME	NO.	BY	DATE	REVISIONS
BASE_STMICHAEL	1	SRT	5/28/15	REVISIONS PER PLANNING COMMENTS 5/20/15
DRAWN BY		SRT		
CHECKED BY		RSM		
DATE				
			5/11/15	

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I HEREBY CERTIFY THAT THIS PLAN OR SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A FULLY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Robert S. Molstad
 Robert S. Molstad, P.E.
 Date: 05/11/15 Lic. No. 26428

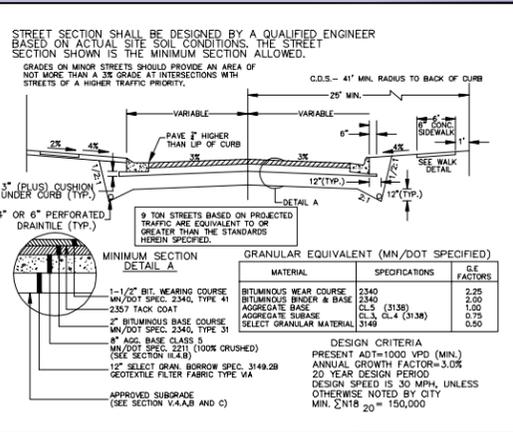
ENGINEERS SURVEYORS DESIGNERS PLANNERS

SATHRE-BERGQUIST, INC.
 150 SOUTH BROADWAY WAYZATA, MN. 55381 (852) 478-8000

CITY PROJECT NO.
ST. MICHAEL, MINNESOTA

Figure 9. Proposed Grading Plan

EXISTING UTILITIES SHOWN ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ANY AND ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES ARISING OUT OF HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL EXISTING UTILITIES.



- GENERAL NOTES:**
- THE GRADING CONTRACTOR IS RESPONSIBLE FOR ALL STORM WATER INSPECTIONS ACCORDING TO THE MPCA STORM WATER PERMIT. THIS INCLUDES BOTH WEEKLY INSPECTIONS AND INSPECTIONS DONE AFTER A 0.5" RAIN EVENT. A COPY OF THE INSPECTION REPORT MUST BE EMAILED TO THE ENGINEER AND DEVELOPER ON A WEEKLY BASIS.
 - THE CONTRACTOR SHALL PLACE INLET PROTECTION DEVICES IN ACCORDANCE WITH THE CITY OF CHAMPLIN FOR ALL STORM SEWER INLETS AND MAINTAIN THEM AS AN EFFECTIVE SILT CONTROL DEVICE. INLET PROTECTION SHALL BE REMOVED WHEN RESTORATION HAS BEEN ESTABLISHED.
 - ALL RETAINING WALLS WILL REQUIRE A STRUCTURAL DESIGN, A BUILDING PERMIT & A FINAL INSPECTION REPORT.
 - A 1'-2" CRUSHED ROCK ENTRANCE BERM SHALL BE PLACED AT THE SITE ENTRANCE, TO REPLACE SILT FENCE, AND MINIMIZE EROSION ON TO THE STREETS. THE ROCK BERMS SHALL BE THE WIDTH OF THE ENTRANCE AND 2 FEET HIGH WITH 4:1 SLOPES. (SEE DETAIL.)
 - THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM THE BUILDING PAD AND STREET AREAS THROUGHOUT CONSTRUCTION.
 - THE CONTRACTOR SHALL ATTEMPT TO PREVENT SOIL MATERIALS FROM LEAVING THE SITE BY EROSION AND VEHICLE WHEEL TRACKING. HE SHALL BE RESPONSIBLE FOR CLEANING OF STREET, BOULEVARD AND UTILITY FACILITIES THAT RECEIVE ANY ERODED OR TRACKED SOIL MATERIAL OR OTHER CONSTRUCTION DEBRIS OR MATERIAL.
 - EXISTING UTILITIES SHOWN ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ANY AND ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES ARISING OUT OF HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL EXISTING UTILITIES.
 - BUILDING PADS ARE 60' DEEP, UNLESS OTHERWISE NOTED. THE FRONT AND REAR BUILDING PAD LINES ARE SHOWN ON THE PLAN. THE ENGINEER SHOULD BE CONTACTED IF THE CONTRACTOR HAS ANY QUESTIONS REGARDING BUILDING PADS. REAR PAD ELEVATIONS SHOULD BE ESTABLISHED BASED OFF THE 2:1 SLOPE FROM THE 29' FLAT BENCH, OR AT MOST 50' BEHIND FRONT OF PAD.

- CONSTRUCTION NOTES:**
- INSTALL SILT FENCE AS SHOWN ON PLAN, AS REQUIRED BY THE CITY OF CHAMPLIN OR DIRECTED BY THE ENGINEER.
 - THE WATER QUALITY BASINS MUST BE EXCAVATED AT THE BEGINNING OF GRADING OPERATIONS TO PROVIDE TEMPORARY STORM WATER DETENTION DURING CONSTRUCTION. SAND AND SILT MUST BE REMOVED FROM THE POND AS NECESSARY DURING CONSTRUCTION AND AT THE COMPLETION OF THE PROJECT.
 - BEGIN GRADING, INSTALL DRAIN TILE PIPE IN BASINS WHEN BASIN GRADING IS COMPLETE. TEMPORARY DRAINAGE PIPE SHALL BE USED FOR INTERMEDIATE DRAINAGE DURING THE CONSTRUCTION PERIOD AS NECESSARY AND DIRECTED BY THE ENGINEER. INSTALL SILT FENCE AROUND EXCAVATED BASINS.
 - INSPECT BASINS, SILT FENCE, AND ROCK ENTRANCE BERM AFTER ALL RAINFALL EVENTS AS REQUIRED BY THE NPDES PERMIT.
 - REMOVE PERFORATED RISER PIPE WHEN STORM SEWER AND OUTLETS FOR BASINS ARE INSTALLED.
 - ALL SLOPES 3:1 MAX (UNLESS NOTED)
 - RESTORATION - (43.8 ACRES) (130 bbb)
 - RESTORE ALL DISTURBED AREAS WITH 4" TO 6" OF TOPSOIL, OR EXISTING ON-SITE ORGANIC MTRL.
 - SEED POND SLOPES AND DETENTION AREAS WITH MNDOT 310 OR BVSFR P8 SEED MIX AT A RATE OF 100 LBS./ACRE AND FERTILIZE WITH 20-0-10 AT 100 LBS./ACRE. SEED WETLAND BUFFER AREAS WITH MNDOT 350-MESIC PRAIRIE (38.5 PLS LBS/AC) OR BVSFR 35-241 SEED MIX AND FERTILIZE WITH 20-0-10 AT 100 LBS./ACRE. (REFER TO WETLAND CREATION/BANKING PLAN FOR WETLAND SEED MIX REQUIREMENTS).
 - SEED ALL OTHER DISTURBED AREAS WITH MNDOT 280 AT A RATE OF 100 LBS./ACRE AND FERTILIZE WITH 20-0-10 AT 100 LBS./ACRE. (UNLESS OTHERWISE NOTED)
 - ONLY PHOSPHOROUS FREE FERTILIZER IS TO BE USED ON SITE.
 - MULCH WITH TYPE 1 AT A RATE OF 2 TONS/ACRE AND DISC ANCHOR IMMEDIATELY AFTER PLACEMENT. USE WOODFIBER BLANKET ON ALL SLOPES 3:1 (FT) OR GREATER.
 - PLACE APPROVED STORM SEWER INLET PROTECTION IN OR AROUND ALL STORM SEWER INLETS AND MAINTAIN UNTIL STREET CONSTRUCTION IS COMPLETED. REFER TO CITY DETAILS FOR APPROVED DEVICES. INLET PROTECTION MUST BE INSTALLED IN THE RECEIVING CATCHBASIN SOUTH OF THIS SITE.
 - MAINTAIN ALL SILT FENCE UNTIL TURF HAS BEEN ESTABLISHED.
 - RESTORATION WORK WILL BE COMPLETED WITHIN 72 HOURS OF GRADING COMPLETION.
 - SILT FENCE - BEFORE GRADING - 11,850 LF
 SILT FENCE - AFTER GRADING - 4,350 LF

