

**Permit Report**

Permit Application No.: **14-193**

Rule: **Erosion Control, Wetland Protection**

Applicant: **Pam and Marc Kermisch**  
Project: **Proposed single family home**  
Location: **702 Valley Way, Hopkins**

Received: **5/15/2014**  
Noticed: **6/11/2014**  
Decision period ends: **9/12/2014**

**Recommendation:**

Approval with the following condition:

1. Provide recorded maintenance declaration for wetland buffers

And stipulations:

2. Execution of planting and establishment plan for disturbed wetland buffer areas;
3. Installation of wetland buffers signs to indicate the contours of the buffer.

**Background:**

Pam and Marc Kermisch have applied for a permit under the District Erosion Control and Wetland Protection rules for proposed construction of a single family home located at 702 Valley Way in the City of Hopkins. The parcel is currently undeveloped and features a shallow, open water wetland. The proposed single family home will disturb an area of approximately 12,489 square feet and increase impervious surface from 680 square feet to 5,976 square feet. There are no proposed wetland impacts.

The District exercises regulatory authority at the project location within the City of Hopkins. No variance from or exception to District rules is being sought. Nearby residents of the neighborhood requested board review of the application. Nearby residents expressed concerned that the proposed construction will cause excessive stormwater runoff flow onto their properties. In accordance with District regulatory requirements, staff met with the applicants and the City of Hopkins in an effort to resolve concerns. In response, the applicant has incorporated additional runoff-management systems into the site plan and designs. (Because it is development of a single-family home, the project is exempt from the District Stormwater Rule. Therefore, the staff recommendation of conditional approval and Board action consistent with this recommendation is not premised on analysis of or a determination of compliance with the criteria of the Stormwater Rule. This report offers no representation as to the performance of the applicant's stormwater management.

The request for board review has not been withdrawn.

**District Rule Summary**

Erosion Control

The Erosion Control Rule is triggered for any project involving 5,000 square feet of soil disturbance or 50 cubic yards of excavation or stockpiling of soil. The proposed project involves approximately 12,489 square feet of disturbance and 618 cubic yards of fill therefore triggering the Erosion Control Rule. The proposed erosion control practices meet District standards. Construction BMP's provided include a rock construction entrance and silt fence. All disturbed areas will be stabilized with 6 inches of topsoil and vegetated upon project completion. All erosion control requirements have been met.

Wetland Protection:

No impact to the wetland itself is proposed. The proposed single family home increases the area of impervious surface from 680 square feet to 5,976 square feet, triggering the buffer requirement of the District's Wetland Protection Rule. The 680 square feet of existing impervious surface on the property is from the adjacent property owner's driveway. There are no proposed changes to the existing driveway.

*Wetland Boundary Determination*

A wetland delineation for the site was conducted by Anderson Engineering of Minnesota, LLC on June 27, 2013. There was one Type 5 Shallow, Open Water wetland delineated on site. The delineation was reviewed in the field by Wenck Associates on behalf of MCWD on August 19, 2013. The wetland boundary and type Notice of Decision was issued by District staff on August 22, 2013.

*Wetland Buffers*

Wetland buffers must be provided on the wetland edge that is downgradient from the proposed land-disturbing activity. For the proposed single family home, an applied wetland buffer width of 25ft is required on the wetland edge that is downgradient from construction. The proposed wetland buffer for the wetland on site meets the District's requirements.

Areas of wetland buffers that are not vegetated or will be disturbed by land-disturbing activities must be planted with native seeds or native plantings. The applicant has submitted a wetland buffer planting plan for buffer areas that will be disturbed during construction.

Wetland buffer monument signs are required to indicate the contours of the buffer with maximum spacing not exceeding 100 ft. The applicant shows wetland buffer monuments on the site plans.

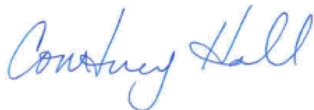
The applicant has met all criteria of the Wetland Protection Rule.

Summary:

The proposed construction of the single family home triggers the Erosion Control and Wetland Protection Rules. The period in which the District must make its permit decision ends on September 12<sup>th</sup>. Staff is recommending approval of the permit application with the conditions listed above.

Attachments:

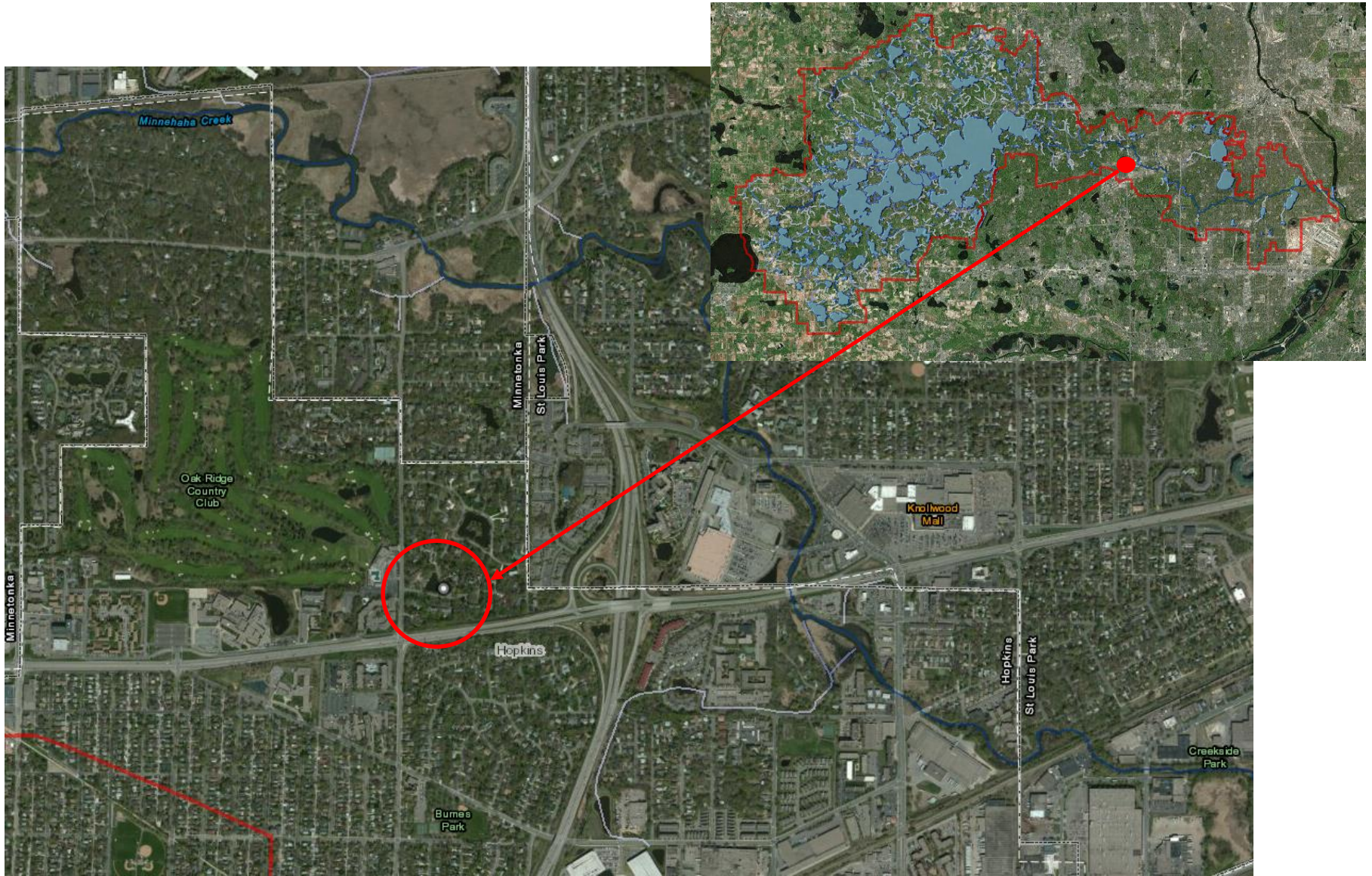
1. Site Location
2. Site Plan
3. MCWD Permit application



---

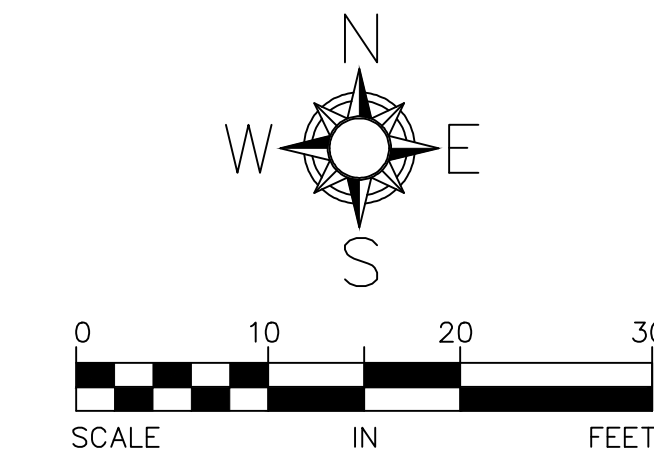
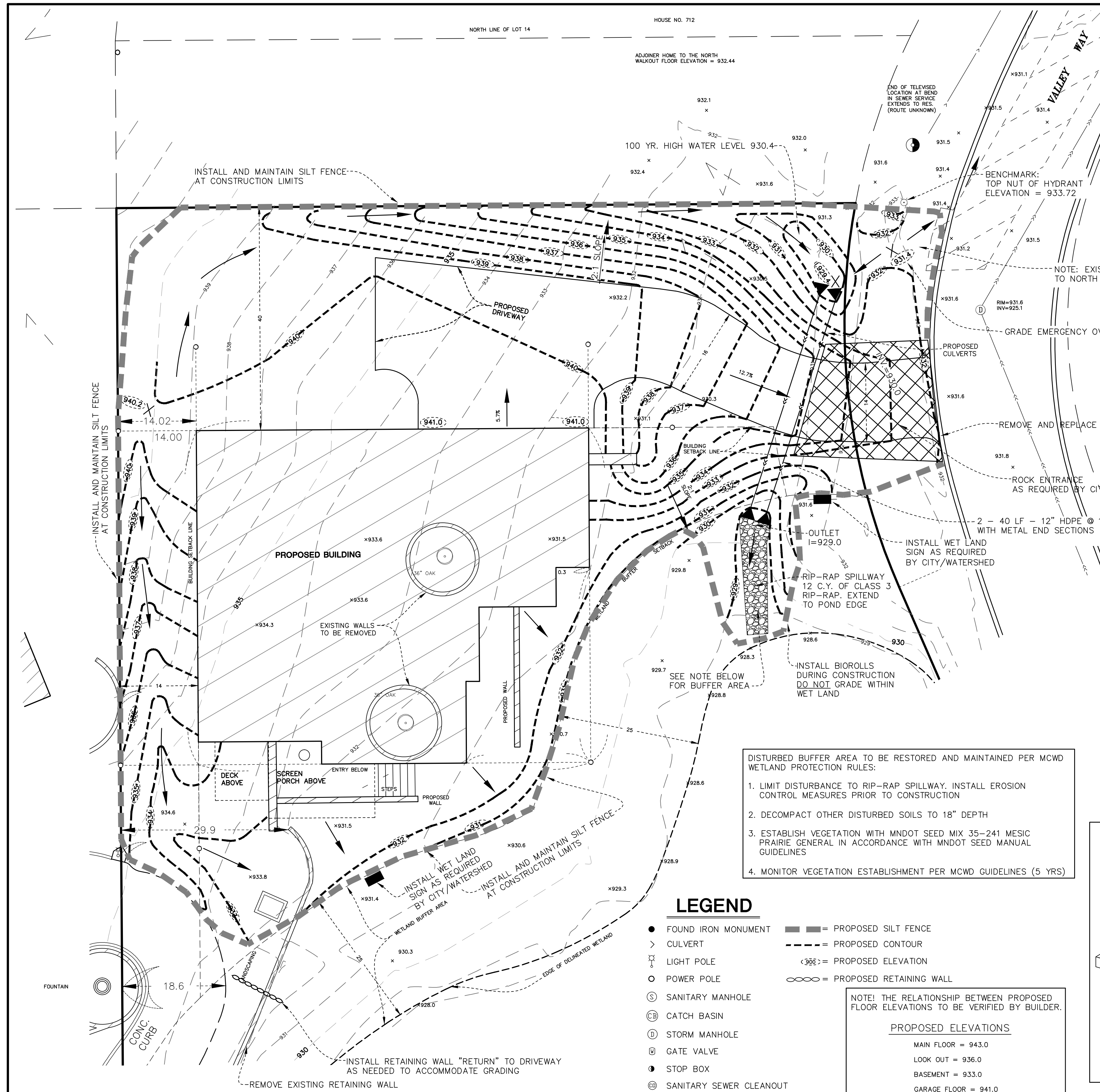
Courtney Hall

Date: 9/5/14



**Figure 1. Approximate Site Location**  
702 Valley Way – Hopkins





- STORM WATER POLLUTION PREVENTION PLAN NOTES:**
- GRADING CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF ALL UNDERGROUND UTILITIES WITH THE RESPECTIVE UTILITY COMPANIES PRIOR TO CONSTRUCTION.
  - ALL EROSION CONTROL MEASURES CALLED FOR ON THESE PLANS AND SPECIFICATIONS, WHICH MAY INCLUDE SILT FENCES, SEDIMENTATION BASINS OR TEMPORARY SEDIMENT TRAPS, SHALL BE CONSTRUCTED AND SERVICEABLE IN THE FOLLOWING ORDER:
    - ROCK CONSTRUCTION ENTRANCES A MINIMUM OF 50' FEET.
    - SILT FENCE.
    - TEMPORARY CULVERTS.
    - TEMPORARY SEDIMENTATION BASINS AND OUTFALL FACILITIES.
    - STORM WATER POND CONSTRUCTION.
    - COMMON EXCAVATION AND EMBANKMENT (GRADING).
    - SEED AND MULCH OR SO2.
    - BIO-ROLL BARRIERS IN FINISHED GRADED AREAS.
    - INLET AND OUTLET FACILITIES SUBSEQUENT TO STORM SEWER WORK.
  - GRADING CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL EROSION CONTROL MEASURES IN ACCORDANCE WITH CITY AND NPDES PHASE II PERMITTING REQUIREMENTS AS WELL AS EROSION CONTROL MEASURES AS MAY BE SHOWN ON THESE PLANS OR SPECIFICATIONS. GRADING CONTRACTOR SHALL IMPLEMENT ANY ADDITIONAL EROSION CONTROL MEASURES AS MAY BE REQUIRED TO PROTECT ADJACENT PROPERTY.
  - ALL EROSION CONTROL FACILITIES SHALL BE MAINTAINED BY THE CONTRACTOR DURING GRADING OPERATIONS. ANY TEMPORARY FACILITIES WHICH ARE TO BE REMOVED AS CALLED FOR ON THESE PLANS AND SPECIFICATIONS SHALL BE REMOVED BY THE GRADING CONTRACTOR WHEN DIRECTED BY THE ENGINEER. THE GRADING CONTRACTOR SHALL RESTORE THE SUBSEQUENTLY DISTURBED AREA IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS.
  - THE GRADING CONTRACTOR SHALL SCHEDULE THE SOILS ENGINEER SO THAT CERTIFICATION OF ALL CONTROLLED TILLS WILL BE FURNISHED TO THE OWNER DURING AND UPON COMPLETION OF THE PROJECT.
  - ALL DISTURBED AREAS, EXCEPT AREAS TO BE PAVED AND/OR SPECIFICALLY DESIGNED BY A LANDSCAPE PLAN, SHALL BE COVERED WITH A MINIMUM 4" OF TOP SOIL. ALL DISTURBED AREAS SHALL BE SEED & MULCHED AT THE PRESCRIBED RATES WITHIN 72 HOURS OF FINAL GRADING UNLESS OTHERWISE NOTED.
 

SEED MIX:	MNDOT NO. 50B	50#/ACRE	RATE OF APPLICATION 20-10-10
MULCH:	TYPE 1	2 TONS/ACRE (DISK ANCHORED)	
FERTILIZER:	150#/ACRE		
  - ALL AREAS WITH A CONTINUOUS POSITIVE SLOPE WITHIN 200 LINEAL FEET OF ANY SURFACE WATER, MUST HAVE TEMPORARY EROSION PROTECTION OR PERMANENT COVER FOR THE EXPOSED SOIL AREAS YEAR ROUND, ACCORDING TO THE FOLLOWING TABLE OF SLOPES AND TIME FRAMES.
 

TYPE OF SLOPE	TIME (Maximum time an area can remain open when the area is not actively being worked)
STEEPER THAN 3:1	7 DAYS
10:1 TO 3:1	14 DAYS
FLATTER THAN 10:1	21 DAYS
  - THE EXISTING TOPOGRAPHY AND CONTOUR ELEVATIONS SHOWN ON THE PLAN WERE TAKEN FROM A PLAN FURNISHED BY OWNER.
  - CONTRACTORS GRADING AND EROSION CONTROL OPERATIONS SHALL TAKE PLACE WITHIN THE CONSTRUCTION LIMITS.
  - IT IS REQUIRED THAT SOILS TRACKED FROM THE SITE BY MOTOR VEHICLES BE CLEANED DAILY FROM PAVED ROADWAY SURFACES THROUGHOUT THE DURATION OF CONSTRUCTION.
  - PROVIDE TEMPORARY SEDIMENTATION BASINS AS DIRECTED BY THE ENGINEER.
  - ALL REQUIREMENTS OF THE LOCAL WATERSHED DISTRICT SHALL BE SATISFIED PER THE APPROVED PERMIT.
  - ALL EROSION & SEDIMENT CONTROL MEASURES SHOWN ON THIS PLAN AND IMPLEMENTED IN THE FIELD AS DIRECTED BY THE ENGINEER SHALL CONFORM TO THE MPCA'S "PROTECTING WATER QUALITY IN URBAN AREAS: BEST MANAGEMENT PRACTICES FOR MINNESOTA".
  - DEWATERING AND/OR BASIN DRAINING DISCHARGE SHALL BE DIRECTED TO SEDIMENTATION BASINS WHEREVER POSSIBLE. ALL DISCHARGE POINTS SHALL BE ADEQUATELY PROTECTED FROM EROSION & SCOUR THROUGH USE OF APPROVED ENERGY DISSIPATION DEVICES.
  - ALL SOLID WASTE / CONSTRUCTION DEBRIS SHALL BE DISPOSED OF IN ACCORDANCE WITH MPCA REQUIREMENTS. HAZARDOUS MATERIALS SHALL BE STORED / DISPOSED OF IN COMPLIANCE WITH MPCA REGULATIONS.
  - CONTRACTOR SHALL USE RAPID STABILIZATION METHODS PER MNDOT 2573 AS NEEDED DURING THE COURSE OF THE WORK TO MAINTAIN CONFORMANCE WITH THE CITY AND NPDES II PERMIT REQUIREMENTS. THIS WORK SHALL CONSIST OF OPERATIONS NECESSARY TO RAPIDLY STABILIZE SMALL CRITICAL AREAS, TO PREVENT OFF-SITE SEDIMENTATION AND/OR TO COMPLY WITH PERMIT REQUIREMENTS. THE WORK MAY BE PERFORMED AT ANY TIME DURING THE CONTRACT AND DURING NORMAL WORKING HOURS. THIS WORK WILL BE CONDUCTED ON SMALL AREAS THAT MAY OR MAY NOT BE ACCESSIBLE WITH NORMAL EQUIPMENT. THIS WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE MNDOT STANDARD SPECIFICATIONS, THE DETAILS SHOWN IN THE PLANS, AND THE FOLLOWING:
 

THERE ARE FIVE STABILIZATION METHODS APPROVED FOR THESE OPERATIONS. THESE METHODS MAY BE CONDUCTED INDEPENDENTLY OR IN COMBINATION.

METHOD #1:	APPLY TYPE 1 MULCH AND DISK ANCHOR
METHOD #2:	APPLY TYPE 1 MULCH AND TACK WITH TYPE 5 HYDRAULIC SOIL STABILIZER
METHOD #3:	HYDROSEED SEED/FERTILIZER AND TYPE 6 HYDRAULIC SOIL STABILIZER
METHOD #4:	HAND INSTALL SEED, FERTILIZER AND EROSION CONTROL BLANKET CATEGORY 3
METHOD #5:	PLACE GEOTEXTILE AND RIP-RAP CLASS II IN HAZARDOUS CONFIGURATIONS

THESE EFFORTS WILL BE INCIDENTAL TO THE EROSION CONTROL BID ITEM.
  - CHANGE OF COVERAGE FOR STORM WATER DISCHARGES FROM CONSTRUCTION PROJECTS WHERE THE OWNER OR OPERATOR CHANGES, (E.G. AN ORIGINAL DEVELOPER SELLS PORTIONS OF THE PROPERTY TO VARIOUS BUILDERS) THE NEW OWNER OR OPERATOR MUST SUBMIT A SUBMISSION REGISTRATION WITHIN 7 DAYS OF ASSUMING OPERATIONAL CONTROL OF THE SITE, COMMENCING WORK ON THEIR PORTION OF THE SITE, OR OF THE LEGAL TRANSFER, SALE OR CLOSING ON THE PROPERTY.
  - INDIVIDUAL SITE BUILDERS SHALL BE RESPONSIBLE FOR PROVIDING ANY AND ALL NECESSARY EROSION CONTROL MEASURES AS MAY BE REQUIRED. REQUIRED EOM'S SHALL CONSIST OF BUT NOT BE LIMITED TO THE FOLLOWING:
    - STAKED FIBER LOG ROLLS AT BACK OF ALL CURB EXCEPT AT CONSTRUCTION/DRIVEWAY ENTRANCE.
    - SILT FENCE ON ALL DOWN-SLOPING SLOPES FROM CONSTRUCTION AREA. SILT FENCE SHALL HAVE THE BOTTOM DUG IN WITH SOIL FIRMLY COMPACTED.
    - ROCK CONSTRUCTION ENTRANCE HAVING 1" TO 2" CLEAR ROCK OVER GEOTEXTILE FABRIC.
    - STREET CLEANING AS MAY BE REQUIRED SHOULD VEHICLE TRACKING OCCUR.

INDIVIDUAL SITE BUILDERS ARE REQUIRED TO MAINTAIN EOM'S UNTIL SUCH TIME AS INDIVIDUAL YARDS/VEGETATION ARE ESTABLISHED.
  - CONTRACTOR SHALL PROVIDE A TEMPORARY SEDIMENTATION BASIN ON SITE FOR CONSTRUCTION WASH OUT USE. TEMPORARY BASIN SHALL BE LOCATED AS TO PROVIDE EASY ACCESS FOR CONSTRUCTION VEHICLES AND CONCRETE TRUCKS AS NECESSARY.
  - INLET SEDIMENTATION CONTROL IS TO BE PROVIDED TO ALL STORM SEWER CATCH BASINS THROUGHOUT CONSTRUCTION. MEASURES APPLIED SHALL COMPLY WITH BEST MANAGEMENT PRACTICES FOR MINNESOTA AND APPLICATIONS OF NPDES PHASE II AS APPROPRIATE FOR PHASE OF CONSTRUCTION.

- DISTURBED BUFFER AREA TO BE RESTORED AND MAINTAINED PER MCWD WETLAND PROTECTION RULES:
- LIMIT DISTURBANCE TO RIP-RAP SPILLWAY. INSTALL EROSION CONTROL MEASURES PRIOR TO CONSTRUCTION
  - DECOMPACT OTHER DISTURBED SOILS TO 18" DEPTH
  - ESTABLISH VEGETATION WITH MNDOT SEED MIX 35-241 MESIC PRAIRIE GENERAL IN ACCORDANCE WITH MNDOT SEED MANUAL GUIDELINES
  - MONITOR VEGETATION ESTABLISHMENT PER MCWD GUIDELINES (5 YRS)

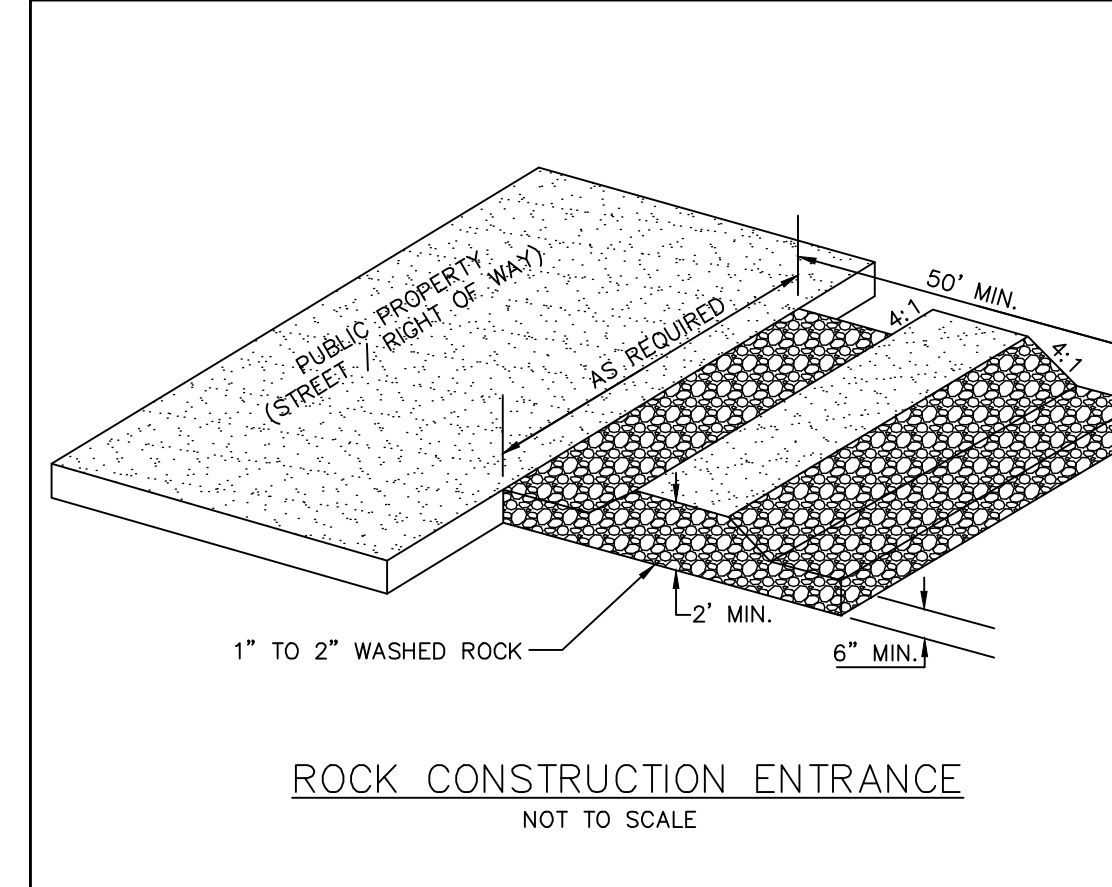
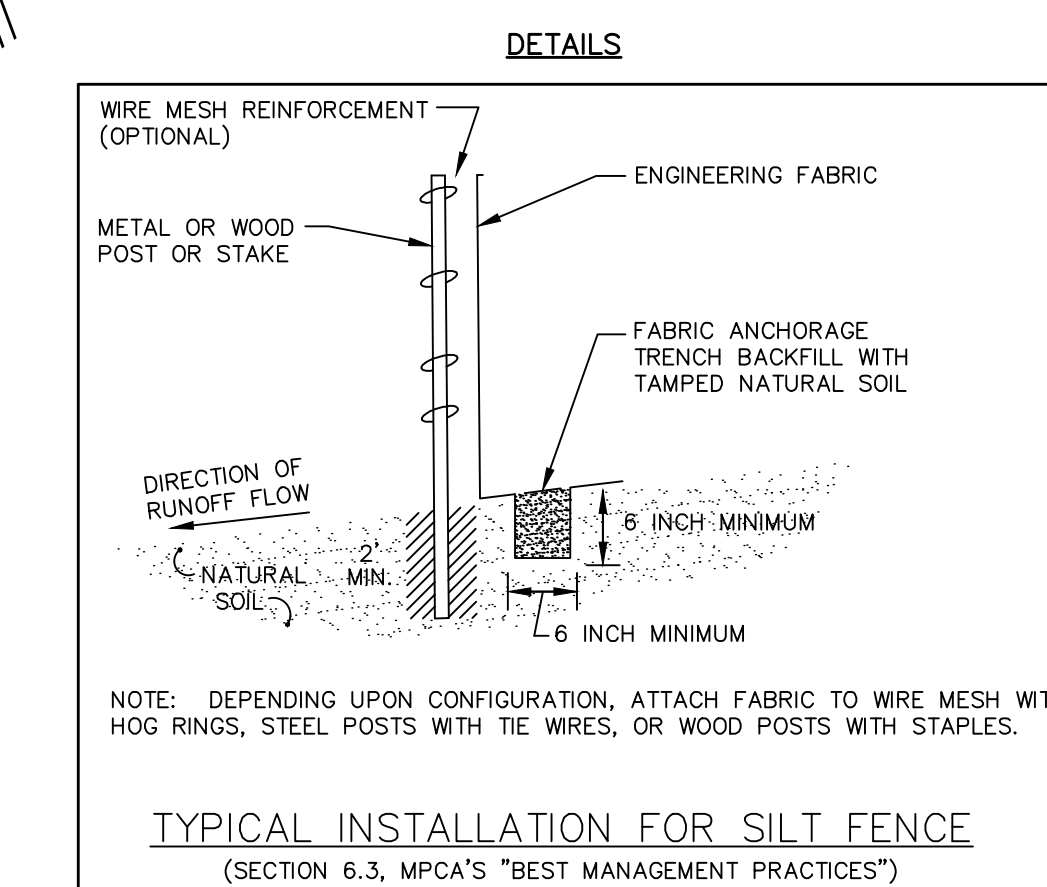
**LEGEND**

- FOUND IRON MONUMENT
  - > CULVERT
  - LIGHT POLE
  - POWER POLE
  - SANITARY MANHOLE
  - CATCH BASIN
  - STORM MANHOLE
  - GATE VALVE
  - STOP BOX
  - SANITARY SEWER CLEANOUT
- = PROPOSED SILT FENCE
  - - - = PROPOSED CONTOUR
  - < 930.0 > = PROPOSED ELEVATION
  - ○ ○ = PROPOSED RETAINING WALL

NOTE! THE RELATIONSHIP BETWEEN PROPOSED FLOOR ELEVATIONS TO BE VERIFIED BY BUILDER.

**PROPOSED ELEVATIONS**

MAIN FLOOR = 943.0  
 LOOK OUT = 936.0  
 BASEMENT = 933.0  
 GARAGE FLOOR = 941.0



**STORM WATER POLLUTION PREVENTION PLAN SCHEDULE OF INSTALLATION & MAINTENANCE**

ITEM	INSTALLATION	INSPECTION & MAINTENANCE	REMOVAL
SILT FENCE	PRIOR TO COMMENCEMENT OF EARTHWORK OPERATIONS.	INSPECT & MAINT. AFTER EACH RUN-OFF EVENT. REMOVE SEDIMENTS AS REQUIRED.	AFTER TRIBUTARY DRAINAGE AREA IS RESTORED.
ROCK CONST. ENTRANCE	PRIOR TO COMMENCEMENT OF EARTHWORK OPERATIONS.	INSPECT REGULARLY. MAINTAIN AS NEEDED.	PRIOR TO PAVING.
DETENTION POND	DURING EARTHWORK OPERATIONS.	INSPECT & MAINTAIN AFTER HEAVY RAINFALL EVENTS. REMOVE SEDIMENTS AS NEEDED.	PERMANENT.
SEED & MULCH	AFTER FINAL GRADING OPERATIONS.	INSPECT & MAINTAIN AFTER HEAVY RAINS. REPLACE WASH-OUT AREAS IMMEDIATELY.	NO REMOVAL NECESSARY.
INLET PROTECTION	UPON INLET CONSTRUCTION	WHEN 1/3 CAPACITY OF BMP IS REACHED.	AFTER TRIBUTARY AREAS ARE FULLY RESTORED

NOTE: CONTRACTOR IS RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REMOVAL OF ALL APPLICABLE EROSION & SEDIMENT CONTROL ITEMS.

CALL 48 HOURS BEFORE DIGGING:  
**DIAL 811**

NO.	DATE	DESCRIPTION
5	###/###/###	###/###/###
4	8/28/14	REVISED PER MCWD COMMENTS
3	8-22-14	GRADING/PIPE SIZE REVISED PER MCWD. - REVISE OVERFLOW TO ST.
2	7-16-14	GRADING REVISED PER WATERSHED DIST. - SHOW OVERFLOW TO ST.
1	6-5-14	GRADING REVISED PER CITY, BUFFER MOVED TO 25 FT. FROM 30 FT.

DESIGNED: GJ  
 DRAWN: DO  
 CHECKED BY: JB

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  
 PRINT NAME: GARY R. JOHNSON, P.E.  
 SIGNATURE: [Signature]  
 DATE: JANUARY 2, 2013 LICENSE # 42010

**ANDERSON ENGINEERING**  
 ENGINEERING • ARCHITECTURE • LAND SURVEYING  
 ENVIRONMENTAL SERVICES • LANDSCAPE ARCHITECTURE

Anderson Engineering of Minnesota, LLC  
 13805 1st Avenue North  
 Suite 100  
 Plymouth, MN 55441  
 763-412-4000 (o) 763-412-4090 (f)  
 www.ae-mn.com

**VALLEY WAY  
 HOPKINS MINNESOTA  
 BRAUFMAN RESIDENCE**

**GRADING, DRAINAGE  
 & EROSION CONTROL PLAN**

COMM. NO.	13536	PLOTTED:	8/28/2014
DRAWING NO.			
<b>SHEET 2 OF 3</b>			

Y:\135001\13536 WARTENSON LOT SURVEY - HOPKINS(Dwg-C30)Survey\13536 S-c 2013.dwg  
dochs  
Aug 28, 2014 - 4:01pm  
Xref Filename:



14-193

WATER RESOURCE PERMIT APPLICATION FORM

Use this form to notify/apply to the Minnehaha Creek Watershed District (MCWD) of a proposed project or work which may fall within their jurisdiction. Fill out this form completely and submit with your site plan, maps, etc. to the MCWD at: 15320 Minnetonka Blvd. Minnetonka, MN 55345.

Keep a copy for your records.

YOU MUST OBTAIN ALL REQUIRED AUTHORIZATIONS BEFORE BEGINNING WORK.

1. Name of each property owner: PAM & MARC KERMISCH  
Mailing Address: 17840 76th AVE NORTH City: Maple Grove State: MN Zip: 55311  
Email Address: pam.kermisch@genmills.com Phone: 763-443-2795 Fax: \_\_\_\_\_

2. Property Owner Representative Information (not required) (licensed contractor, architect, engineer, etc...)  
Business Name: DANIEL ANDERSEN Representative Name: \_\_\_\_\_  
Business Address: 3540 Monticourne Ave City: Oak Haven State: MN Zip: 55391  
Email Address: Daniel@theoneproperty.com Phone: 612-812-3324 Fax: \_\_\_\_\_

3. Project Address: 702 VALLEY WAY City: Hopkins  
State: MN Zip: \_\_\_\_\_ Qtr Section(s): \_\_\_\_\_ Section(s): \_\_\_\_\_ Township(s): \_\_\_\_\_ Range(s): \_\_\_\_\_  
Lot: 11 Block: 1/4 Subdivision: Block 5 Knollwood PID: \_\_\_\_\_

4. Size of project parcel (square feet or acres): 51,062  
Area of disturbance (square feet): 51,062 Volume of excavation/fill (cubic yards): \_\_\_\_\_  
Area of existing impervious surface: \_\_\_\_\_ Area of proposed impervious surface: \_\_\_\_\_  
Length of shoreline affected (feet): \_\_\_\_\_ Waterbody (& bay if applicable): SEE PLAN

5. Type of permit being applied for (Check all that apply):
- EROSION CONTROL
  - FLOODPLAIN ALTERATION
  - WETLAND PROTECTION
  - DREDGING
  - SHORELINE/STREAMBANK STABILIZATION
  - WATERBODY CROSSINGS/STRUCTURES
  - STORMWATER MANAGEMENT
  - APPROPRIATIONS
  - ILLICIT DISCHARGE

6. Project purpose (Check all that apply):
- SINGLE FAMILY HOME
  - ROAD CONSTRUCTION
  - UTILITIES
  - DREDGING
  - SHORELINE/STREAMBANK STABILIZATION
  - MULTI FAMILY RESIDENTIAL (apartments)
  - COMMERCIAL or INSTITUTIONAL
  - SUBDIVISIONS (include number of lots)
  - LANDSCAPING (pools, berms, etc.)
  - OTHER (DESCRIBE): \_\_\_\_\_

7. NPDES/SDS General Stormwater Permit Number (if applicable): \_\_\_\_\_

8. Waterbody receiving runoff from site: \_\_\_\_\_

9. Project Timeline: Start Date: June 15-2014 Completion Date: May 1 2015

Permits have been applied for: City \_\_\_\_\_ County \_\_\_\_\_ MN Pollution Control Agency \_\_\_\_\_ DNR \_\_\_\_\_ COE \_\_\_\_\_  
Permits have been received: City \_\_\_\_\_ County \_\_\_\_\_ MN Pollution Control Agency \_\_\_\_\_ DNR \_\_\_\_\_ COE \_\_\_\_\_

By signing below, I hereby request a permit to authorize the activities described herein. I certify that I am familiar with MCWD Rules and that the proposed activity will be conducted in compliance with these Rules. I am familiar with the information contained in this application and, to the best of my knowledge and belief, all information is true, complete and accurate. I understand that proceeding with work before all required authorizations are obtained may be subject to federal, state and/or local administrative, civil and/or criminal penalties.

Pamela Kermisch  
Signature of Each Property Owner

May 15-2014  
Date

