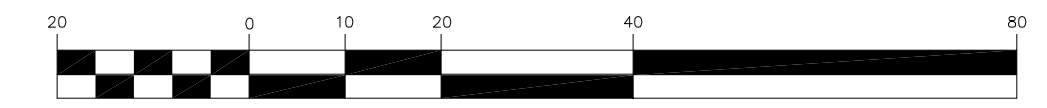


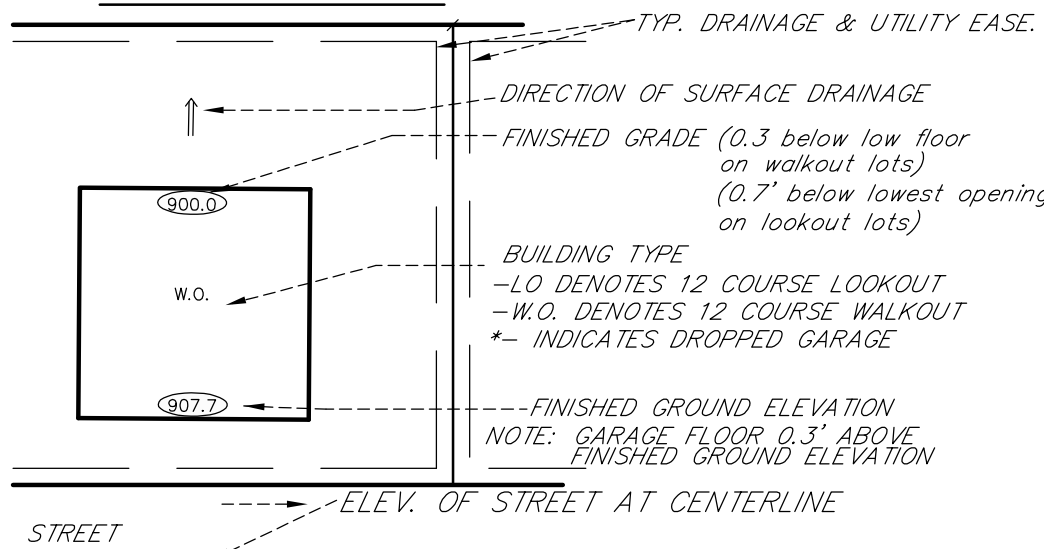
# GRADING DRAINAGE AND EROSION CONTROL PLAN

for R&R CONSTRUCTION

GRAPHIC SCALE



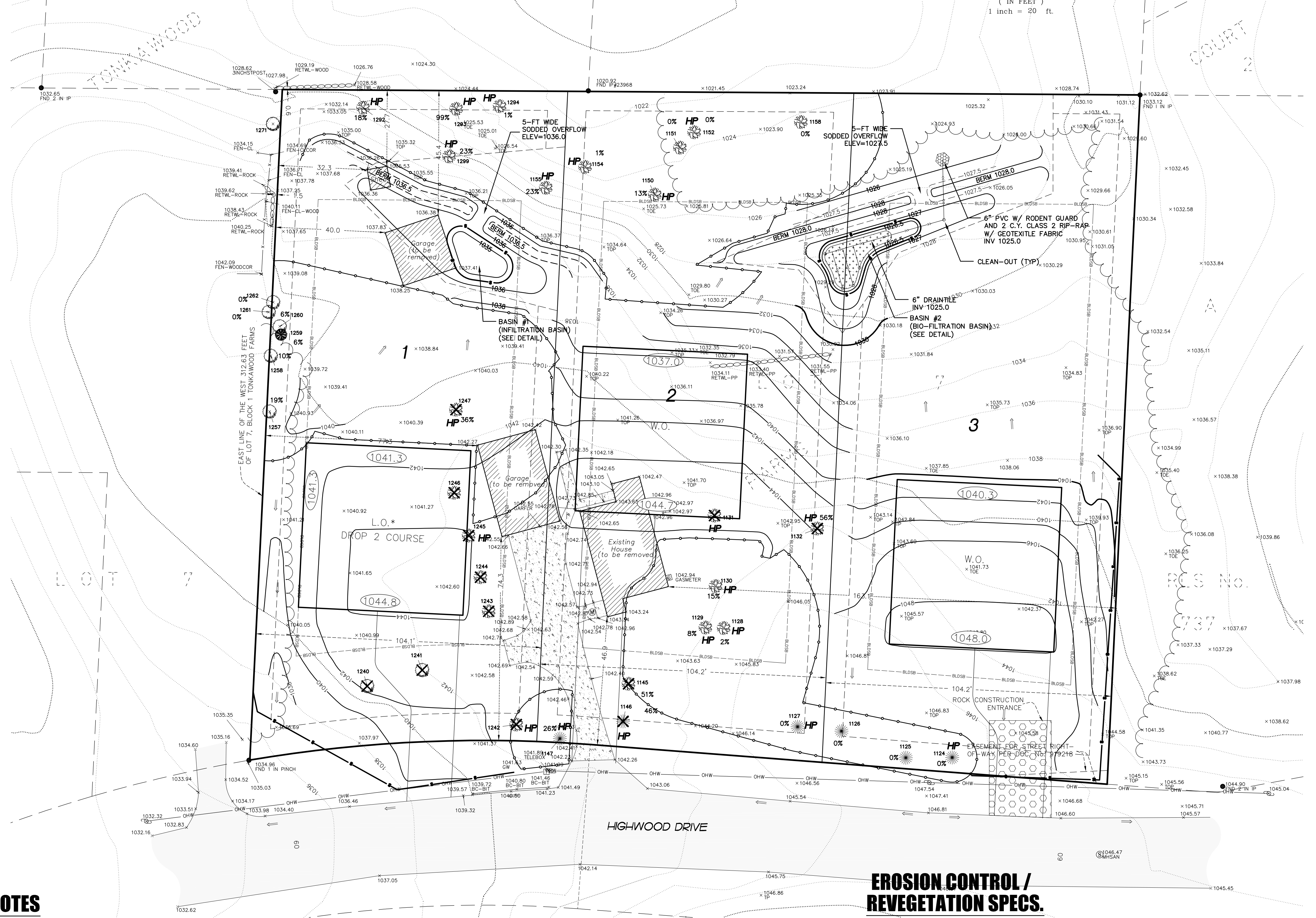
## TYPICAL LOT



NORTH

## LEGEND

- DENOTES EMERGENCY OVERFLOW ELEVATION
  - DENOTES EXISTING SPOT ELEVATION
  - DENOTES EXISTING 2 FOOT CONTOUR
  - DENOTES PROPOSED 2 FOOT CONTOURS
  - DENOTES EASEMENT LINE
  - DENOTES SETBACK LINE
  - DENOTES PROPOSED STORM SEWER
  - DENOTES PROPOSED SILT FENCE
  - DENOTES DIRECTION OF DRAINAGE
  - DENOTES PROPOSED SPOT ELEVATION
  - DENOTES TELEPHONE PEDESTAL
  - DENOTES ELECTRICAL BOX
  - DENOTES CABLE PEDESTAL
  - DENOTES PROPOSED TREE PRESERVATION FENCE
  - DENOTES TREE TO BE REMOVED
- TREE DETAIL:**
- Denotes Tree Number  
Denotes Elevation
  - Denotes Tree Quantity  
Denotes Tree Size in Inches
  - Denotes Tree Type



PONDING CALCULATIONS AND STORM SEWER DESIGN BY  
**PLOWE ENGINEERING, INC.**  
 6776 LAKE DRIVE  
 SUITE 110  
 LINO LAKES, MN 55014

SITE PLANNING & ENGINEERING  
 PHONE: (651) 361-8210  
 FAX: (651) 361-8701

I HEREBY CERTIFY THAT THIS PLAN 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.

PRELIMINARY  
 ADAM GINKEL  
 DATE: 12.09.2016 LIC. NO. 43963

## NOTES

- Field survey was completed by E.G. Rud and Sons, Inc. on 04/28/14.
- Bearings shown are on Hennepin County datum.
- Curb shots are taken at the top and back of curb.
- This survey was prepared without the benefit of title work. Additional easements, restrictions and/or encumbrances may exist other than those shown hereon. Survey subject to revision upon receipt of a current title commitment or an attorney's title opinion.
- Parcel ID Number: 21-117-22-43-0021
- Total boundary area: 75,722 square feet/1.74 acres
- See Sheets C1, C2.1 and C2.2 for erosion control and filtration area details.

## BENCHMARK

BENCHMARK: GSID Station # 100837 MNDOT name WELSH  
 Elevation = 1002.875 (NAVD88)

I hereby certify that this survey, plan or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.

PRELIMINARY  
 DANIEL W. OBERMILLER  
 Date: 12/9/16 License No. 25341

## EROSION CONTROL / REVEGETATION SPECS.

1. PRIOR TO ROUGH GRADING, INSTALL SILT STOP FENCE IN LOCATIONS SHOWN. ADDITIONAL SILT STOP FENCE WILL BE REQUIRED WHERE LOCAL CONDITIONS REQUIRE. INSTALL TREE PROTECTION AS DEEMED NECESSARY BY THE CITY FORESTER PRIOR TO ANY GRADING.
2. ANY GRADING SHALL PROCEED ON AN AREA BY AREA BASIS TO MINIMIZE UNCOMPLETED AREAS.
3. AS EACH AREA OUTSIDE THE STREET IS GRADED, PROVIDE NATIVE TOPSOIL, SEED, AND MULCH ANCHORED WITH A STRAIGHT SET DISC WITHIN SEVEN DAYS AFTER ROUGH GRADING.
4. MAINTAIN AND REPAIR SILT STOP FENCES (INCLUDING REMOVAL OF ACCUMULATED SILT) UNTIL VEGETATION IS ESTABLISHED.
5. SEE "STORM WATER POLLUTION PREVENTION PLAN" FOR ADDITIONAL EROSION CONTROL NOTES AND SITE SEQUENCING.

DRAWN BY: MMD		JOB NO: 14184PP		DATE: 12/9/16	
CHECK BY: DWO		SCANNED <input type="checkbox"/>			
1					
2					
3					
NO.	DATE	DESCRIPTION	BY		

**E. G. RUD & SONS, INC.**  
 EST. 1977  
 Professional Land Surveyors  
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