

# Memo



To: Lino Lakes Environmental Board

From: Marty Asleson

Date: May 31, 2017

Re: Pre-meeting Site Visit

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I will be on site at the Houle project proposal site at 5:30 PM on 5/31/17. This is a pre-visit opportunity before the Environmental Board meeting at 6:30 PM. To get there take Birch Street to Wild Turkey Trail. About a half a mile west of the "S" curve on Birch. Follow Wild Turkey Trail to Rough Grouse Road. Go Left of Ruffed Grouse Road to the end.

**City of Lino Lakes  
Environmental Board Meeting**

**May 31, 2017  
6:30 p.m.**

**AGENDA**

1. Call to Order
2. Approval of Agenda
3. Approval of Minutes
4. Open Mike
5. Action Items
  - A. Golden Acre/Preliminary Plat Review
  - B. Houle's 1<sup>ST</sup> Addition
6. Discussion Items
  - A. Recycling Updates
7. Adjourn

**CITY OF LINO LAKES  
ENVIRONMENTAL BOARD MINUTES**

<b>DATE</b>	<b>: April 26, 2017</b>
<b>TIME STARTED</b>	<b>: 6:32 P.M.</b>
<b>TIME ENDED</b>	<b>: 7:51 P.M.</b>
<b>MEMBERS PRESENT</b>	<b>: Steve Heiskary, Paula Andrzejewski, Liz Kaufenberg, Nancie Klebba, John Sullivan</b>
<b>MEMBERS ABSENT</b>	<b>: Shawn Holmes, Alex Schwartz</b>
<b>STAFF PRESENT</b>	<b>: Marty Asleson, Nan Jin</b>

**1. CALL TO ORDER:**

Mr. Heiskary called the Lino Lakes Environmental Board meeting to order at 6:32 p.m. on April 26, 2017.

**2. APPROVAL OF AGENDA:**

**SUBTRACT:** Action Item A. Saddle Club 4<sup>th</sup> Addition

**ADD:** Discussion Item C. Annual City Wide Recycling Day and Tree Sale  
Item D. Advisory Board Meeting with City Council

Ms. Klebba made a MOTION to approve the amended Agenda. Ms. Kaufenberg seconded the motion. Motion carried 5- 0.

**3. APPROVAL OF MINUTES**

March 22, 2017

Mr. Sullivan made a MOTION to approve the March 22, 2017 Meeting Minutes. Ms. Kaufenberg seconded the motion. Motion carried 5-0.

**4. OPEN MIKE**

Declared Open Mike at 6:35 p.m.

Closed Open Mike at 6:36 p.m.

**DRAFT MINUTES**

## 5. ACTION ITEMS

### A. ~~Saddle Club 4<sup>th</sup> Addition~~ – Subtraction

### B. Lake Amelia Vistas /PUD/Concept Plan Review

The proposed development is located on two properties along County road 54, CSAH 54, adjacent to the East side of Amelia Lake. The area is classified as Vacant Rural Residential. The proposal is to classify as a PUD.

Mr. Sullivan asked if the townhomes would be multi-level.

Mr. Asleson said that the town homes would be one level. In addition, the apartment units, if the land supports it will have underground parking.

Ms. Kaufenberg asked if filling in the wetlands is part of the plan.

Mr. Asleson said that according to the drawings no wetlands would be filled in and there will be a buffer around them

Mr. Asleson mentioned that this is just a preliminary and the plan will come back to us again.

Ms. Andrzejewski made a recommendation to send on to Planning & Zoning Ms. Kaufenberg seconded.

### C. Curbside Textile Recycling Revisited

Ms. Jin said there could be a 1-year agreement, but the City would not be compensated \$20 per ton for that first year. At the end of the year, the City would have to approve a 5-year contract. The City would receive a tonnage report quart, which can be included in SCORE tonnage report. In addition, the city will be compensated \$20 per ton for the material collected by Simple Recycling.

Mr. Heiskary mentioned that looking over the contract we now have clarity about what items Simple Recycling collects. In addition, the small items are not the ones we collect on Recycling Saturday.

Mr. Sullivan asked about the households goods that are not soft recyclable and what happens with these items.

Ms. Klebba mentioned that people buy them for parts for repairs.

Mr. Sullivan wanted to know if bags, boxes, or bins of items would be sitting out at the curb.



Ms. Jin stated that only Simple Recycling bags that the company provides are used.

Mr. Asleson would like to preview the mailer before Simple Recycling has sent out to the residents.

Mr. Heiskary would like the contract presented to the city council

Mr. Sullivan MOTION to send this to city council for their consideration in supporting the concept. Ms. Andrzejewski supported the motion.

## 6. DISCUSSION ITEMS

### A. Earth Day Summary

Mr. Heiskary believe that it was better attended than in years past. He also suggested to take a picture of the finished seeds balls and to have the elm bark beetle visible.

Ms. Anjdrzejewski said that the other crafts were not as inviting and suggested that we just do the seed balls. Also two of her students presented their work on disappearing bees and edible plants.

Ms. Jin mentioned that the people that wanted to sign up for organics, not many from Lino Lakes, so they were sent to the Anoka County table. To date 244 Lino Lakes have signed up for organics.

Also Waste Management and Walters are talking about curb side organic pick up so we will see what happens.

The survey was a good idea

Ms. Kaufenberg asked about the Organic waste cans if this summer if the pickups would be more frequent because of smells and pests.

Ms. Jin said that the cost is the same no matter the number of cans. Where the cost increase comes is the frequently of times they come to empty the cans.

### B. Arbor Day

Rice Lake Elementary School at 2:30pm  
Mayor Reinart will be there to read the proclaimion

### C. Annual Recylcing Day and Tree Hand Out

Is on Saturday, May 6 from 9:00am – 2:00pm

D. Advisory Board and City Council Meeting

Will be held on Monday, May 15 in the City Council Chambers

**7. ADJOURNMENT**

Ms. Andrzejewski made a MOTION to adjourn the meeting at 7:51 pm. Mr. Sullivan supported motion. Motion carried 5 - 0.

Respectfully submitted,  
Mary Fogarty  
Office Specialist

DRAFT

**ENVIRONMENTAL BOARD  
AGENDA ITEM 5A**

**STAFF ORIGINATOR:** Marty Asleson, Environmental Coordinator

**MEETING DATE:** May 31, 2017

**REQUEST:** Preliminary/Final Plat Review of Golden Acre, Lot 4, Block 1, Mar Don Acres

**APPLICANT:** Tim Anderson  
547 Lois Lane  
Lino Lakes, Minnesota 55014

**OWNER:** Same

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**PROPOSED DEVELOPMENT**

The applicant is requesting preliminary and final plat approval to subdivide an existing 1 acre parcel into a four (4) lot subdivision entitled Golden Acre. The request also includes consideration to grant a variance for lot size, width, and depth.

The City Council previously approved the preliminary and final plat approval along with the variances in 2006. That approval has since expired and the applicant has resubmitted the request.

The project is similar to approvals granted to the adjacent Isabelle Estates to the west. Golden Acre and Hailey Manor to the east. The property is zoned R-1, Single Family Residential. The project is located in Mar Don Acres, between Lois Lane and Arlo Lane.

**SITE CHARACTERISTICS**

Unique Resources

There are no significant pre-existing land covers on site, nor are there any pre-existing soil-water relationships that would indicate rare plant features. There are no National heritage Consideration and no existing wetlands.

Pollution Control

The project is less than an acre, therefore; a SWPPP (Storm Water Pollution Prevention Plan) and a MPCA permit are not required for this project. The developer did submit an erosion control plan. The plan shows erosion control fence around the perimeter of the two lots on the north side of the subdivision, and partially around the lots to the south.

The city requires perimeter control around each house pad at the time of construction, and rock entrance for each house construction pad site. Changes should be made to the plan to reflect these requirements. The City will also require a rock entrance and storm drain protection in close (200 feet) proximity of the project. Two adjacent lots must both have the perimeter control independent of each other unless the adjacent lots start and finish at the same time. Rock entrances are required for each lot.

As with Isabelle Estates, the City is requiring an infiltration basin to control volume and runoff pollutants from the site. In line with Isabelle Estates, the developer has submitted drawings for an infiltration basin on the back-sides of the 4 house. The infiltration area must be protected from compaction before construction begins. At least 2 soil borings should be done in the bottom of the infiltration pond to show that there is at least 3 feet of separation from the ordinary high groundwater. The borings should also show that there are no barrier soil- layers to infiltration.

#### Tree Preservation

There are 2 proposed tree removals in the basic use area. The basic use area is usually the area inside silt fenced areas. The rest of the trees have been fenced off at the driplines for protection.

#### Landscaping

Enough escrow shall be provided to plant 1 boulevard tree on the frontage of each house. The City will determine the species and location of these trees.

Ground story cover should be a native, short grass mix with native forbs.

Trees planted in the infiltration pond must be tolerant of fire, so that if fire is used as a maintenance tool, the trees will survive. All of the oaks fall into this category.

#### **RECOMMENDATION:**

Recommend forwarding on the recommendations of Staff and the Environmental Board to P and Z and the City Council

#### **Attachments:**

- 1 Preliminary Plat
2. Existing Conditions
3. Erosion Control Plan
4. Tree Preservation
5. Landscape Plan

# PRELIMINARY PLAT

~of~ **GOLDEN ACRE**  
 ~for~ **TIM ANDERSON**  
**547 Lois Lane**  
**Lino Lakes, Minnesota 55014**  
**651-216-2685**

## CIVIL ENGINEER

CHUCK PLOWE, P.E.  
 Plowe Engineering, Inc.  
 6776 Lake Drive  
 Suite 110  
 Lino Lakes, Minnesota 55014

## LEGAL DESCRIPTION

Lot 4, Block 1 MAR DON ACRES,  
 Anoka County, Minnesota

## BENCHMARK

Top nut of hydrant located on the north side of Arlo Lane, northwest from the northwest corner of Lot 4. An assumed elevation of 912.91.

## ZONING AND SETBACKS

Current Zoning is R-1. Single Family Residential

Minimum lot size: 10,800 SF (Variance obtained previously per City Resolution No. 06-181)  
 Minimum lot width: 80 feet (Variance obtained previously per City Resolution No. 06-181)  
**Building Setbacks:**  
 Collector street: - 40 feet (Both Arlo Lane and Lois Lane)  
 Rear yard: - 30 feet  
 Side Yard: - 10 feet (Variance obtained previously per City Resolution No. 06-181)

## DEVELOPMENT DATA

Total boundary area = 43,560 square feet (1 acre).  
 Number of proposed lots = 4  
 Average lot size = 10,890 square feet.  
 Density = 4 lots per acre

## CITY OF LINO LAKES 2030 COMPREHENSIVE PLAN

2017 Existing Land Use:  
 Single Family Residential  
 Future Land Use:  
 Low Density Residential

## TREE DETAIL

- DENOTES ELEVATION
- DENOTES TREE QUANTITY
- DENOTES TREE SIZE IN INCHES
- DENOTES TREE TYPE

### TREE TYPES:

- CEDAR
- PINE
- SPRUCE
- COTTONWOOD
- ASH
- OAK
- MAPLE
- ASH

## LEGEND

- DENOTES IRON MONUMENT FOUND AS LABELED
- DENOTES IRON MONUMENT SET, MARKED RLS# 19421
- DENOTES BOLLARD
- DENOTES CATCH BASIN
- DENOTES CABLE PEDESTAL
- DENOTES SEWER TIE-IN
- DENOTES CURB STOP
- DENOTES DRAINAGE ARROW
- DENOTES ELECTRICAL BOX
- DENOTES EXISTING SPOT ELEVATION
- DENOTES FIBER OPTIC BOX
- DENOTES GAS METER
- DENOTES HYDRANT
- DENOTES LIGHT POLE
- DENOTES SANITARY SEWER MANHOLE
- DENOTES TELEPHONE PEDESTAL
- DENOTES WATER VALVE
- DENOTES WELL
- DENOTES WOOD FENCE
- DENOTES EXISTING CONTOURS
- DENOTES EXISTING SANITARY SEWER
- DENOTES EXISTING WATER MAIN
- DENOTES UNDERGROUND ELECTRIC LINE
- DENOTES UNDERGROUND GAS LINE
- DENOTES BITUMINOUS SURFACE
- DENOTES CONCRETE SURFACE
- DENOTES GRAVEL SURFACE
- DENOTES ADJACENT PARCEL OWNER INFORMATION (PER ANOKA COUNTY TAX INFORMATION)

PIN No. 17-119-22-14-0008  
 Owner: City of X  
 Address: Unassigned

## NOTES

- Field survey was completed by E.G. Rud and Sons, Inc. on 04/17/17.
- Bearings shown are on Anoka County Coordinates, NAD83 1996 Adjustment.
- Curb shots are taken at the top and back of curb.
- Parcel ID is 08-31-22-24-0004
- 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.

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.

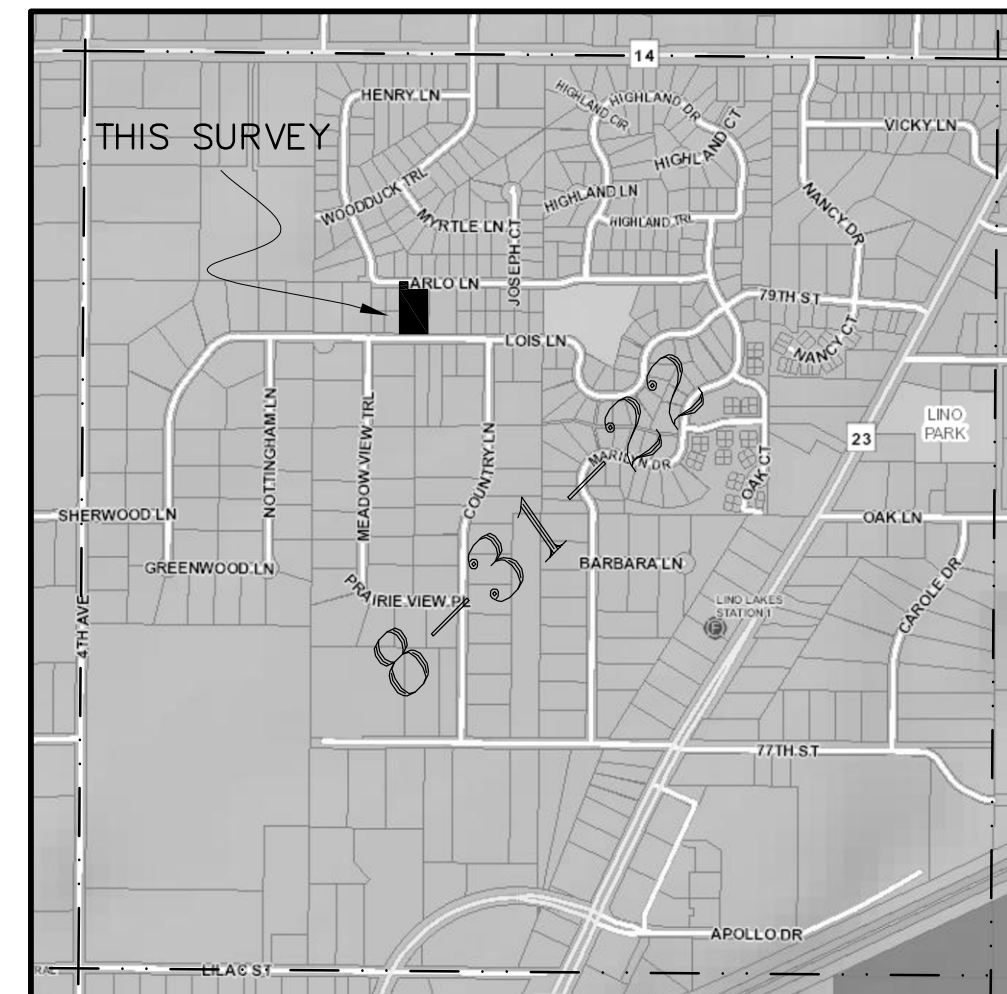
PRELIMINARY

BLAKE L. RIVARD  
 Date: 04/25/17 License No. 19421

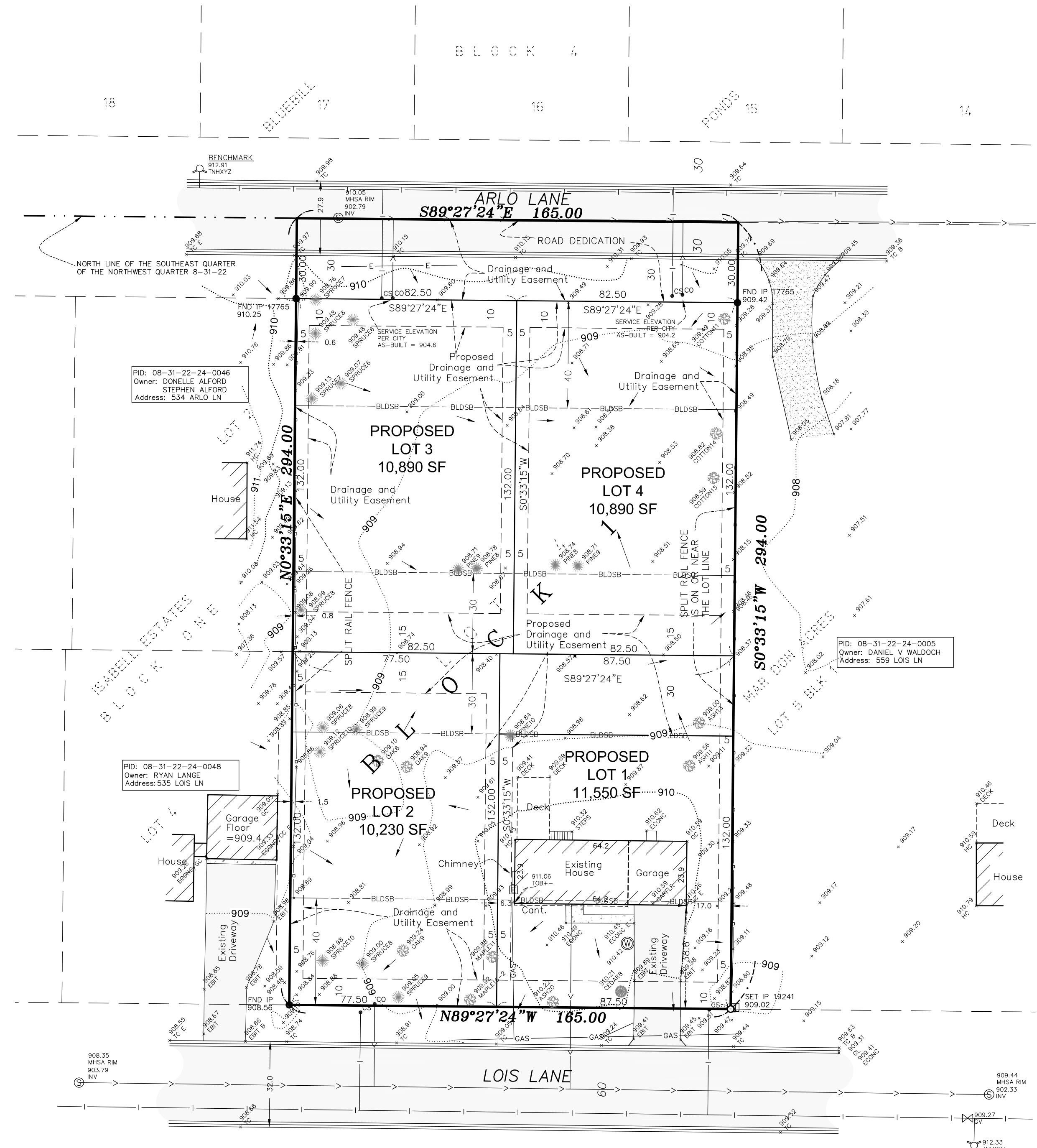
NORTH

## VICINITY MAP

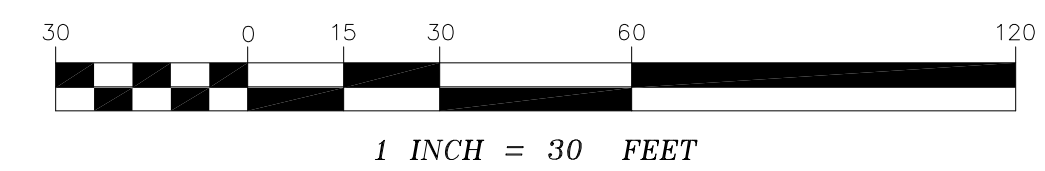
SEC. 8, TWP. 31, RNG. 22



ANOKA COUNTY, MINNESOTA  
 CITY OF LINO LAKES  
 (NO SCALE)



## GRAPHIC SCALE



DRAWN BY: JSE	JOB NO: 17233	DATE: 04/25/17	
CHECK BY: BLR	SCANNED <input type="checkbox"/>		
1	5/15/17	JSE	
2			
3			
NO.	DATE	DESCRIPTION	BY

**E. G. RUD & SONS, INC.**  
 Professional Land Surveyors  
 6776 Lake Drive NE, Suite 110  
 Lino Lakes, MN 55014  
 Tel. (651) 361-8200 Fax (651) 361-8701

# EXISTING CONDITIONS SURVEY

~of~ GOLDEN ACRE  
 ~for~ TIM ANDERSON  
 ~of~ 547 Lois Lane  
 Lino Lakes, Minnesota 55014  
 (651) 216-2685

## LEGEND

- DENOTES IRON MONUMENT FOUND AS LABELED
- DENOTES IRON MONUMENT SET, MARKED RLS# 19241
- CS DENOTES CURB STOP
- DENOTES CABLE PEDESTAL
- CO DENOTES SEWER STUB OUT
- DENOTES DRAINAGE ARROW
- DENOTES ELECTRICAL BOX
- X 952.36 DENOTES EXISTING SPOT ELEVATION
- DENOTES GAS METER
- DENOTES HYDRANT
- DENOTES SANITARY SEWER MANHOLE
- DENOTES TELEPHONE PEDESTAL
- DENOTES WATER VALVE
- DENOTES WELL
- DENOTES WOOD FENCE
- DENOTES EXISTING CONTOURS
- GAS --- DENOTES UNDERGROUND GAS LINE
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- DENOTES ADJACENT PARCEL OWNER INFORMATION (PER ANOKA COUNTY TAX INFORMATION)

## TREE DETAIL

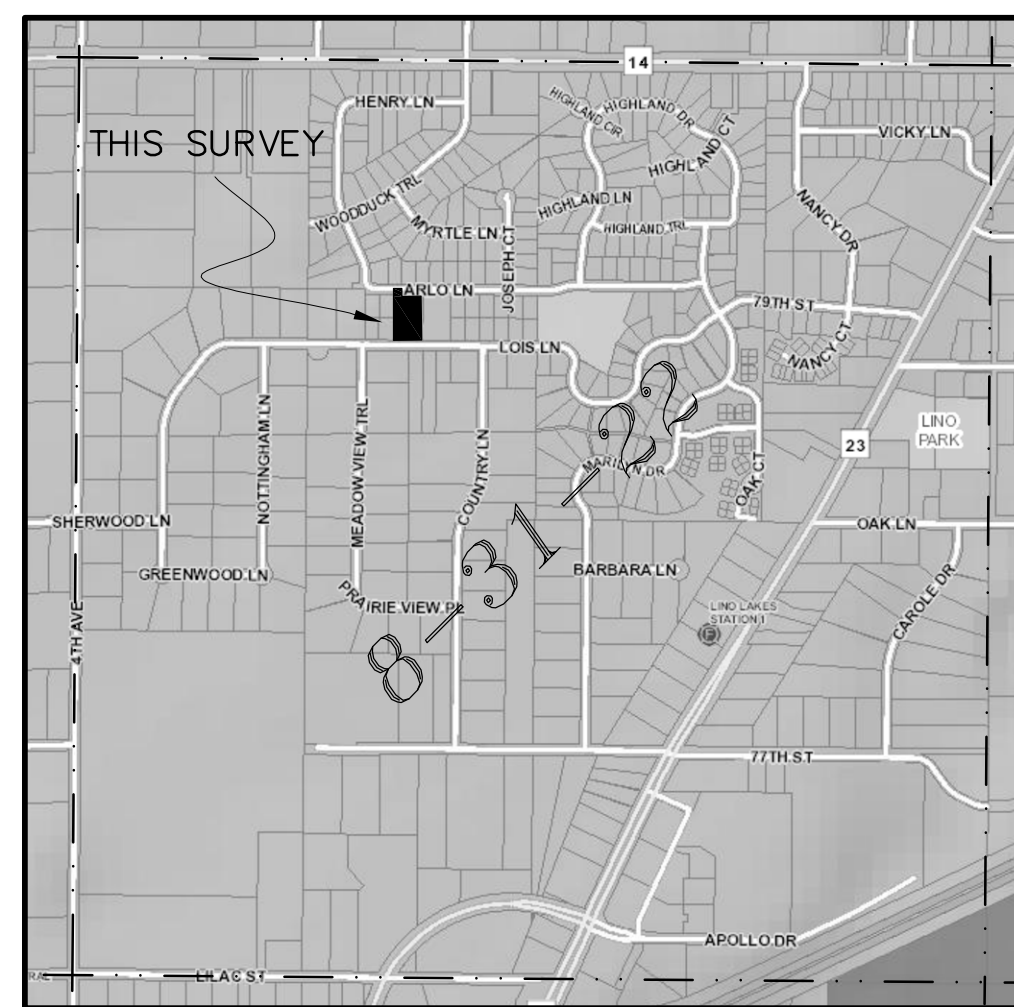
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- DENOTES TREE TYPE

### TREE TYPES:

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- COTTONWOOD
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- MAPLE
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## VICINITY MAP

SEC. 8, TWP. 31, RNG. 22



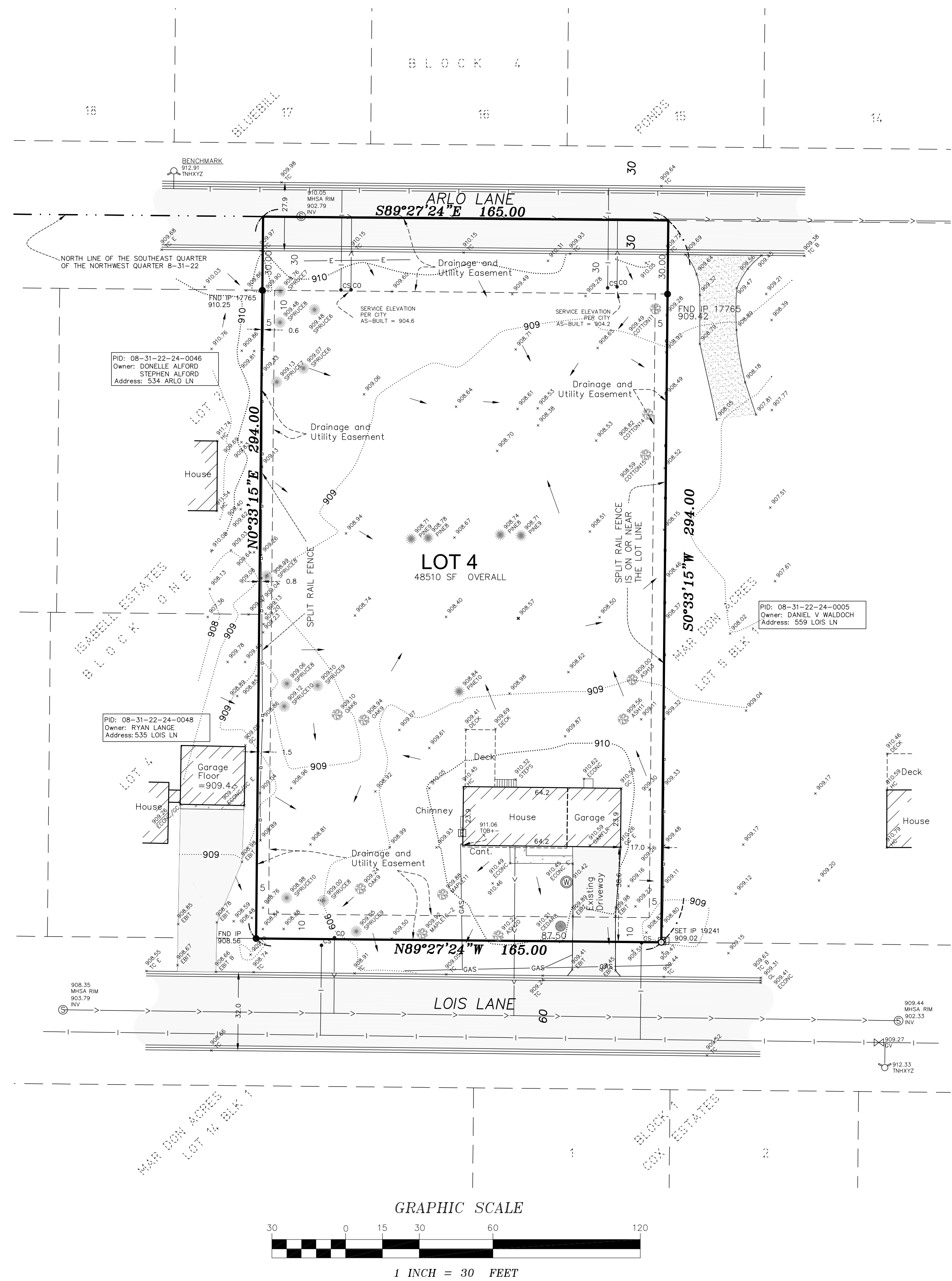
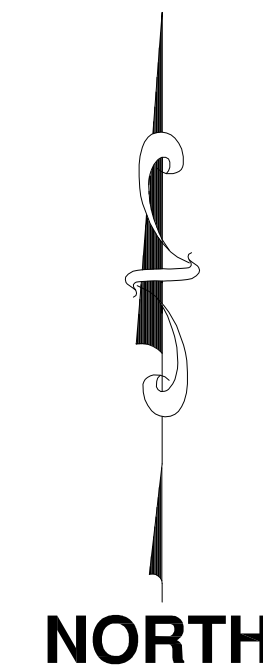
ANOKA COUNTY, MINNESOTA  
 CITY OF LINO LAKES  
 (NO SCALE)

## LEGAL DESCRIPTION

Lot 4, Block 1 MAR DON ACRES,  
 Anoka County, Minnesota  
 Anoka County PID: 31-22-24-0004

## BENCHMARK

Top nut of hydrant located on the north side of Arlo Lane, northwest from the northwest corner of Lot 4. An assumed elevation of 912.91.



## NOTES

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- Bearings shown are on an assumed 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.

**E. G. RUD & SONS, INC.**  
 EST. 1977  
 Professional Land Surveyors  
 6776 Lake Drive NE, Suite 110  
 Lino Lakes, MN 55014  
 Tel. (651) 361-8200 Fax (651) 361-8701  
 www.egrud.com

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.  
  
 BLAKE L. RIVARD  
 Date: 5/15/17 License No. 19421

DRAWN BY: JSE	JOB NO: 17233	DATE: 04/25/17	
CHECK BY: BLR	SCANNED <input type="checkbox"/>		
1	5/15/17	Removed play deck and planter	BLR
2			
3			
NO.	DATE	DESCRIPTION	BY





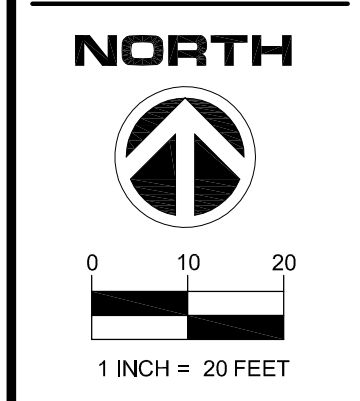
DATE	REVISION DESCRIPTION	CITY COMMENTS
5-19-17		

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.  
**Charles W. Plowe**  
 CHARLES W. PLOWE LIC. NO. 16227  
 DATE: 05.18.2017

**GOLDEN ACRE**  
 LINO LAKES, MINNESOTA  
 GRADING, DRAINAGE & EROSION CONTROL PLAN

PREPARED FOR:  
**TIM ANDERSON**

**PLOWE ENGINEERING, INC.**  
 6776 LAKE DRIVE  
 SUITE 110  
 LINO LAKES, MN 55014  
 PHONE: (651) 361-8210  
 FAX: (651) 361-8701



**C2**

**GENERAL NOTES**

THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF EXISTING UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UTILITIES AS NECESSARY TO AVOID DAMAGE TO THESE UTILITIES.

CALL "811" FOR EXISTING UTILITIES LOCATIONS PRIOR TO ANY EXCAVATIONS.

THE CONTRACTOR SHALL FIELD VERIFY SIZE, ELEVATION, AND LOCATION OF EXISTING SANITARY SEWER, STORM SEWER, AND WATER MAIN AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO THE START OF INSTALLATIONS.

INSTALLATIONS SHALL CONFORM TO THE CITY STANDARD SPECIFICATIONS AND DETAIL PLATES.

THE CONTRACTOR SHALL NOTIFY CITY PUBLIC WORKS DEPARTMENT A MINIMUM OF 24 HOURS PRIOR TO THE INTERRUPTION OF ANY SEWER OR WATER SERVICES TO EXISTING HOMES OR BUSINESSES.

STORAGE OF MATERIALS OR EQUIPMENT SHALL NOT BE ALLOWED ON PUBLIC STREETS OR WITHIN PUBLIC RIGHT-OF-WAY.

NOTIFY CITY A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

ALL ELECTRIC, TELEPHONE, AND GAS EXTENSIONS INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY DISCONNECTIONS SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANY.

**INFILTRATION BASIN NOTES**

NO MINING OF SANDY SOILS ALLOWED IN BASIN.

FINAL GRADE ONLY UPON STABILIZATION OF UPSTREAM AREAS.

BASIN TO REMAIN UNLINED.

PROTECT BASIN FROM RUN-OFF DURING LOT CONSTRUCTION ACTIVITIES. EXCAVATE BASIN TO FINAL GRADE ONLY UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREAS WITH SOD OR OTHER APPROVED STABILIZATION.

USE LOW-IMPACT, EARTH MOVING EQUIPMENT (WIDE TRACK OR MARSH TRACK EQUIPMENT, OR LIGHT-EQUIPMENT WITH TURF-TYPE TIRES.)

**GRADING, DRAINAGE & EROSION CONTROL NOTES**

PRIOR TO ANY GRADING OPERATIONS, THE CONTRACTOR SHALL PROVIDE WIMCO INLET PROTECTION (OR OTHER APPROVED EQUAL) FOR ALL STORM SEWER INLETS THAT WILL RECEIVE RUN-OFF FROM CONSTRUCTION ACTIVITIES.

CONTRACTOR TO PROVIDE TOPSOIL STOCKPILES AT LOCATION DESIGNATED BY OWNER. PLACE STOCKPILES AS FAR FROM DRAINAGE WAYS AS POSSIBLE. PROVIDE SILT FENCE AT DOWNSTREAM SIDE OF STOCKPILE LOCATIONS. IF STOCKPILE IS TO BE IN-PLACE LONGER THAN 7 DAYS, PROVIDE SEED AND MULCH.

THE CONTRACTOR SHALL PROVIDE ALL SOD, SEED, MULCH AND FERTILIZER WHICH SHALL CONFORM WITH THE FOLLOWING MNDOT SPECIFICATIONS AS MODIFIED BELOW.

ITEM	MNDOT SPECIFICATION/NOTES
SOD	3878
SEED **	3876
* FOR TURF ESTABLISHMENT	
COMMERCIAL TURF	MNDOT MIX 25-131 (220 LBS/ACRE)
RESIDENTIAL TURF	MNDOT MIX 25-131 (120 LBS/ACRE)
TEMPORARY	
FALL COVER	MNDOT MIX 21-112 (100 LBS/ACRE)
SPRING/SUMMER	MNDOT MIX 21-111 (100 LBS/ACRE)
SOIL-BUILDING COVER	MNDOT MIX 21-113 (110 LBS/ACRE)
1-2 YEARS COVER	MNDOT MIX 22-111 (30.5 LBS/ACRE)
2-5 YEARS COVER	MNDOT MIX 22-112 (40 LBS/ACRE)
MULCH	3882 (TYPE 1 - DISC ANCHORED)
FERTILIZER	3881
WOOD FIBER BLANKET	3885 (CATEGORY 2)

\* MOW A MINIMUM OF:  
 RESIDENTIAL TURF - ONCE PER 2 WEEKS  
 COMMERCIAL TURF - ONCE PER 4 WEEKS

\*\* SEEDS ARE TO BE EITHER MULCHED OR COVERED BY FIBROUS BLANKETS TO PROTECT SEEDS AND LIMIT EROSION.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS OR IMPLEMENTED IN THE FIELD SHALL BE IN ACCORDANCE WITH THE CITY AND NPDES PHASE II PERMIT REQUIREMENTS, AND THE MPCA'S "PROTECTING WATER QUALITY IN URBAN AREAS BEST MANAGEMENT PRACTICES FOR MINNESOTA."

THE CONTRACTOR SHALL PROVIDE DESIGNATED CONCRETE TRUCK WASHOUT AREA WITH APPROPRIATE SIGNAGE. WASHOUT AREA IS TO BE A MINIMUM OF 50' FROM STORM DRAINS, DITCHES, PONDS, OR OTHER STORMWATER FEATURES. ALL LIQUID AND SOLID WASTE GENERATED BY CONCRETE WASHOUT OPERATIONS MUST BE CONTAINED IN A LEAK-PROOF CONTAINMENT FACILITY OR IMPERMEABLE LINER (E.G. COMPACTED CLAY LINER, IMPERMEABLE GEO-MEMBRANE). AFTER WASTE CONCRETE IS SET, BREAK-UP AND DISPOSE OF PROPERLY.

THE CONTRACTOR SHALL MAINTAIN SILT FENCE, INCLUDING THE REMOVAL OF ACCUMULATED SEDIMENT, THROUGH COMPLETION OF BUILDING CONSTRUCTION. SILT FENCE TO BE REMOVED ONLY AFTER COMPLETION OF BUILDING CONSTRUCTION AND UPON ESTABLISHMENT OF VEGETATION.

THE CONTRACTOR SHALL PAY SPECIAL ATTENTION TO ALL ADJACENT PROPERTY LINES AND MAKE SURE THE EROSION CONTROL PRACTICES IN-PLACE IN THOSE AREAS PREVENT MIGRATION OF SEDIMENT ONTO ADJACENT PROPERTIES.

THE CONTRACTOR SHALL PROVIDE WOOD FIBER BLANKET FOR ALL AREAS OF CONCENTRATED FLOW AND FOR ALL SLOPES 3:1 OR GREATER.

IF ANY SLOPES APPEAR TO BE FAILING, THE CONTRACTOR SHALL PROVIDE ADDITIONAL SILT FENCE, BIOROLLS AND EROSION CONTROL BLANKET AS NEEDED.

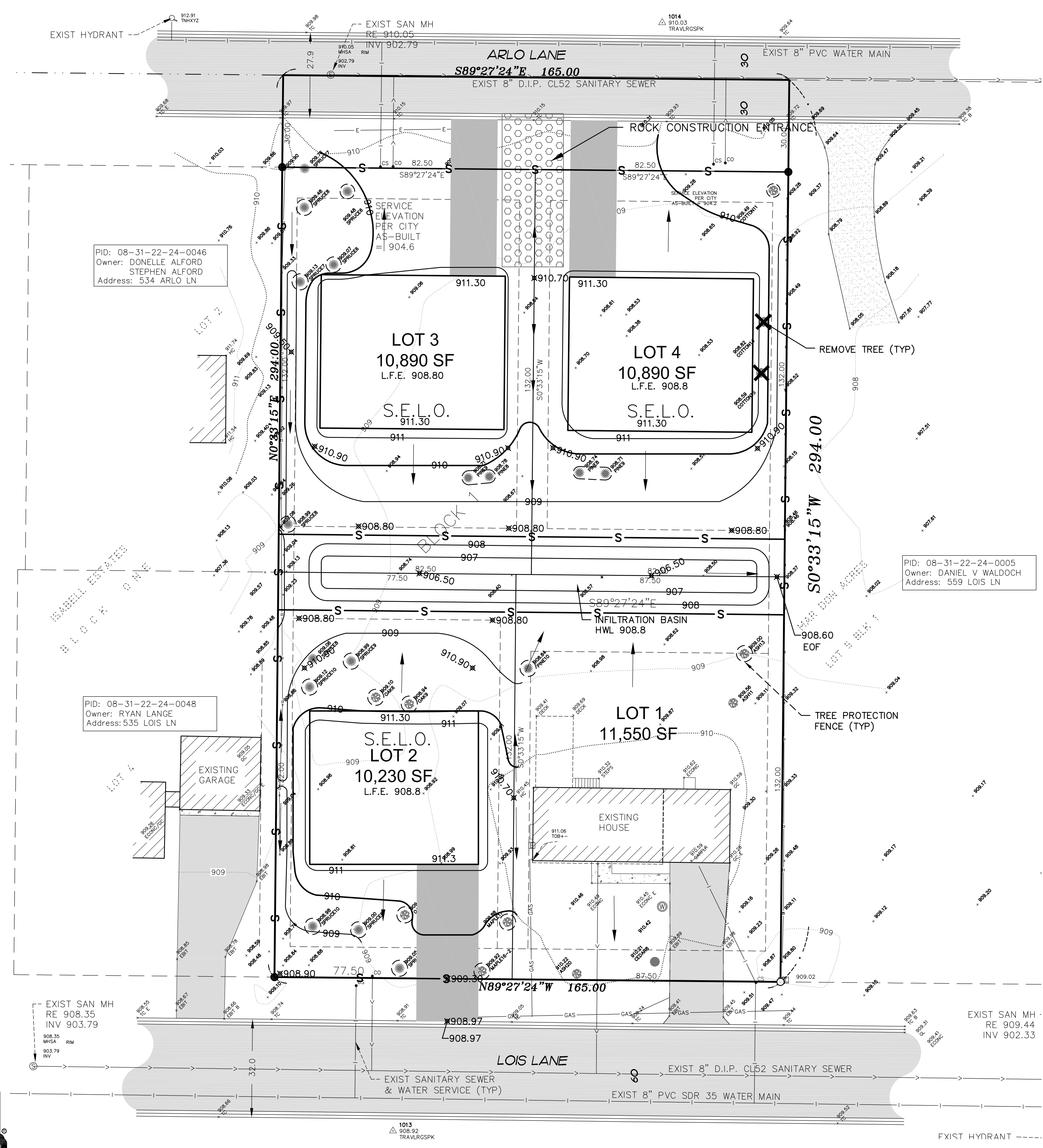
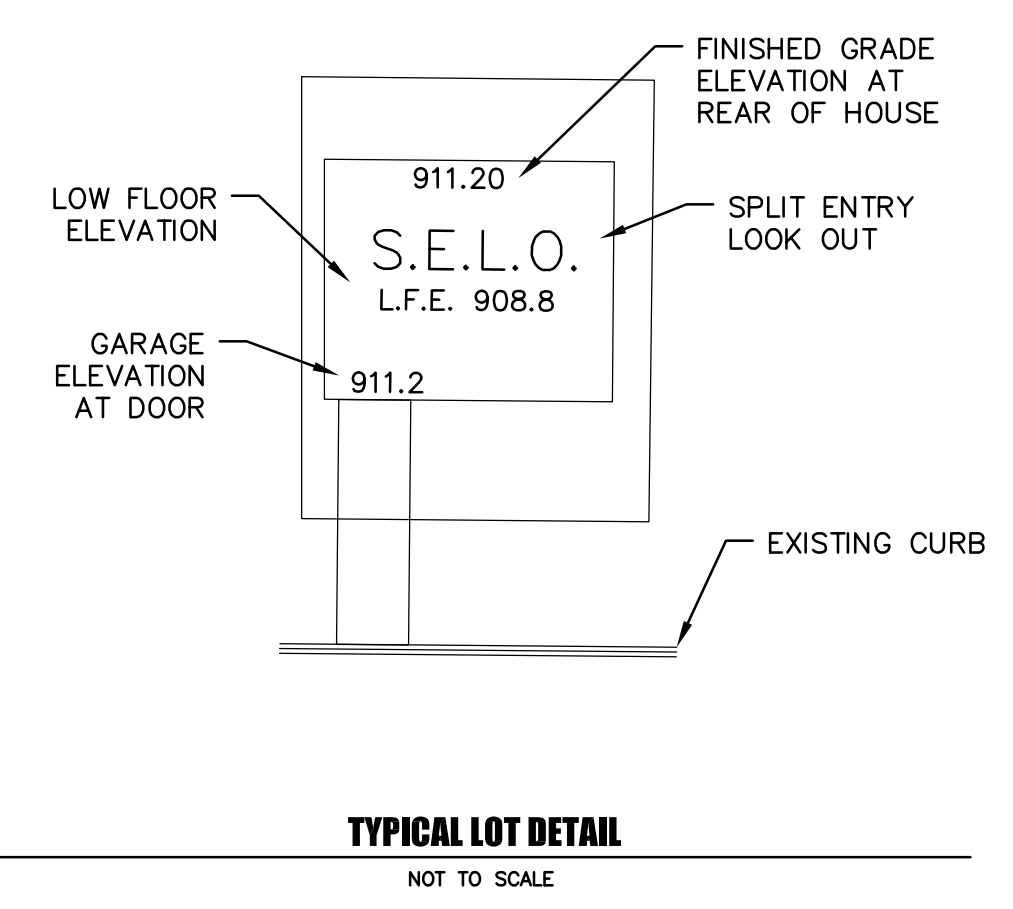
THE CONTRACTOR SHALL FINAL GRADE SWALE AREAS UPON STABILIZATION OF UPSTREAM AREAS.

THE CONTRACTOR SHALL SOD ALL DISTURBED DRAINAGE AREAS, INCLUDING SWALES, OVERFLOWS, AROUND STORM SEWER FLARED-END SECTIONS, AND OFF-STREET CATCH BASINS.

UPON GRADING COMPLETION THE CONTRACTOR SHALL PROVIDE NATIVE TOPSOIL, SEED, AND MULCH ANCHORED WITH A STRAIGHT SET DISC WITHIN 48 HOURS OF FINAL GRADING.

EXCESS SOIL SHOULD BE TREATED LIKE OTHER EXPOSED SOIL AND STABILIZED WITHIN 72 HOURS. ANY SOIL STOCKPILES ARE TO HAVE SILT FENCE PLACED ON DOWNSTREAM SIDES AND SHALL NOT BE PLACED IN SURFACE WATERS.

ADJACENT STREETS SHALL BE KEPT CLEAN OF CONSTRUCTION MATERIALS, DIRT, AND OTHER UNDESIRABLE MATERIALS. WHEN MATERIALS OR DEBRIS HAVE WASHED/FLOWED ONTO ADJACENT STREETS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO SWEEP/SCRAPE STREETS AS NECESSARY OR AS DIRECTED BY THE CITY.



PID: 08-31-22-24-0046  
 Owner: DONELLE ALFORD  
 STEPHEN ALFORD  
 Address: 534 ARLO LN

PID: 08-31-22-24-0005  
 Owner: DANIEL V WALDOCH  
 Address: 559 LOIS LN







**ENVIRONMENTAL BOARD  
AGENDA ITEM 5B**

**STAFF ORIGINATOR:** Marty Asleson, Environmental Coordinator

**MEETING DATE:** May 31, 2017

**REQUEST:** Preliminary Plat Houle Addition

**APPLICANT:** GRH contracting  
4417 Channel Lane NE  
East Bethel, MN 55092

**OWNER:** Guy & Joseph Houle  
4417 Channel Lane NE  
East Bethel, MN 55092

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**PROPOSED DEVELOPMENT**

Houle’s First Addition is located in an area that was proposed for platting in 2004. .At that time, there was an extensive study (EAW) to look at impacts from proposed development from the north end of Roughed Grouse Road to the island in Wards Lake, connected by a bridge. Mr. Ed Vaughan received PUD Development Stage Plan/Preliminary Plat approval but a PUD Final Plan/Final Plat was never submitted; therefore the PUD Development Stage Plan/Preliminary Plat is void. In 2008, Ed Vaughan received preliminary plat (Resolution No. 08-22) and final plat (Resolution No. 08-44) approval for 1 lot and 1 outlot. The final plat was never recorded; therefore, the preliminary plat and final plat are void.

Guy and Joseph Houle purchased the property in 2016 and now wish to develop one lot at the end of Rough Grouse Road, by sub-dividing the existing parcel into two parcels called Lot 1, and Outlot A, similar to Mr. Vaughns second proposal. Mr. Houle wishes to build a single family residence on Lot 1.

**Site Data**

Lot 1.....	4.63 Acres
Outlot A.....	26.09 Acres
Upland Area.....	93 Acres
Total Area.....	30.72 Acres
Ordinary High Water.....	883.7
RCWD Floodplain Elevation.....	887.6
Shoreland Setback Requirement (from OHW).....	80.55

## **SITE CHARACTERISTICS**

### **Shoreland District**

This project proposal is in the Wards Lake Shoreland District. Wards Lake is a 14 acre natural resources lake. Wards Lake is not listed as an impaired water or the state.

All structures in the City Shoreland Districts must meet the 150 foot setback from the Ordinary High Water (OHW) requirement of natural resource lakes. In this case the setback is the average of the two existing lots on both sides of the proposed new house. The average of these two lots is 80.55 feet.

The Shore Impact Zone is 75 feet. The house is right against this line. The DNR prohibits anything built past this point.

### **Site Specific Significant Resources**

There are no National Heritage concerns on this property for threatened, rare and endangered plants or animals. Blanding's Turtle habitat surround this area.

### **Soils**

Soils are Dundas Fine Loam. Dundas soils have a moderate infiltration rate, high available water capacity, and a water table within 2-3 feet of the surface.

### **Surface Water/Storm Water/Pollution Prevention**

A Stormwater Management Plan is not needed for this site. An Erosion Control Plan is needed.

If it is determined that an infiltration pond is needed for the site, than a three foot separation of sandy material will be needed from the bottom of the pond to the top of the ground water.

Development will be limited to 30% impervious coverage as required by the Shoreland Ordinance.

### **Conservation Easement**

A Rice Creek Watershed District Conservation Easement may be needed for this site.

### Land Cover

The site has been clear-cut except for two remaining Ash trees. The ground cover is highly disturbed from stump grinding. The two remaining Ash trees should be removed or treated for Emerald Ash Borer.

### Tree Preservation

Not applicable.

### Flood Plain

The Rice Creek Flood Plain elevation is set at 887.6. The building pad is out of the flood plain area.

### Drinking Water Protection

The Houle property is located in a High Vulnerability DWSMA area. Protection from infiltration pollutants should be implemented.

### Landscape Plan

Ground cover restoration is critical and a native seed mix approved by the city would be the most desirable.

## **RECOMMENDATION**

Forward staff and environmental comments on to Planning & Zoning Board and the City Council.

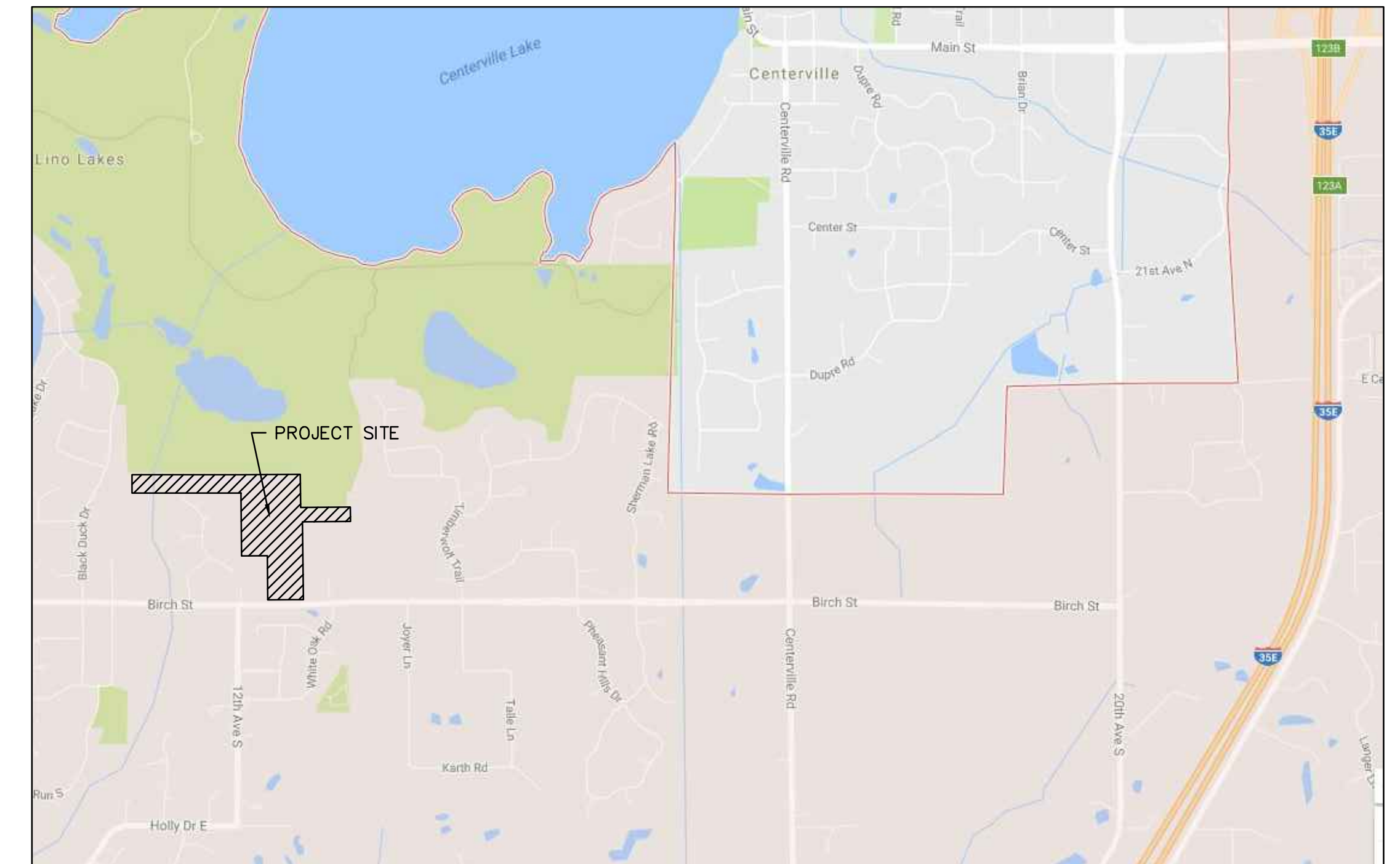
## **ATTACHMENTS**

1. Preliminary Plat and Civil Plan Set
2. Soils Map
3. DWSMA Map

# PRELIMINARY PLANS

for  
**PLAT, GRADING, STREETS, UTILITIES**  
for  
**HOULE ADDITION**  
**LINO LAKES, MN**

VICINITY MAP



(NOT TO SCALE)

PREPARED FOR:

GRH Contracting  
4417 Channel Lane NE  
East Bethel, MN 55092  
Contact: Guy Houle  
Phone: 612-210-3854

PREPARED BY:



2550 University Avenue West, Suite 1618  
St. Paul, Minnesota 55114  
615.337.5652 phone  
618.233.5977 fax  
www.kaskaskiaeng.com

PROFESSIONAL REGISTRATIONS  
Minnesota Professional Design Firm

LICENSE NO.  
688435000021

INDEX:

Sheet Number	Sheet Title
1	COVER
2	CERTIFICATE OF SURVEY
3 - 4	PRELIMINARY PLAT
5	GRADING
6	NEIGHBORHOOD CONTEXT AND DETAILS
7	RESOURCE INVENTORY

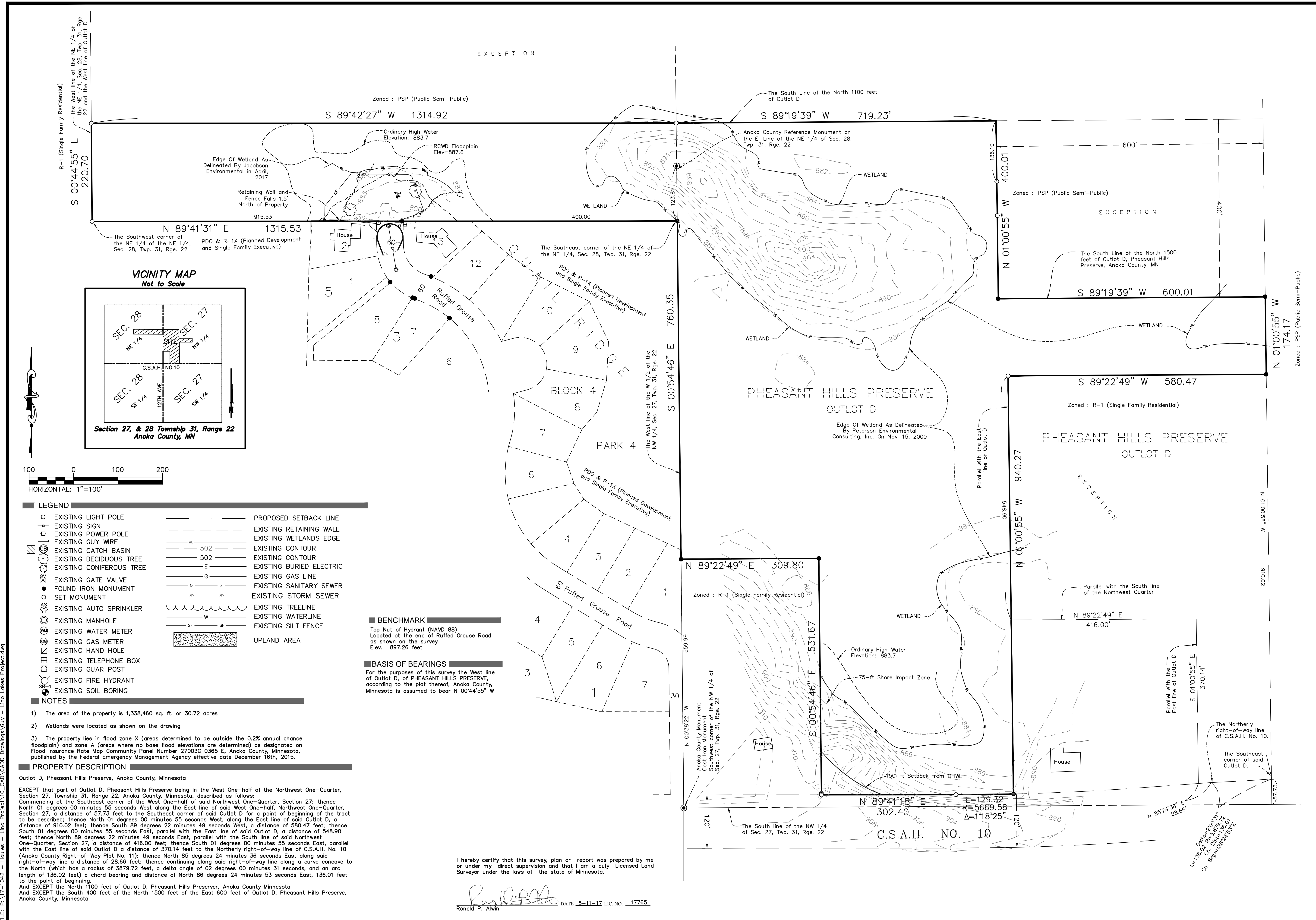
**NOT FOR CONSTRUCTION**

## Preliminary Plans

for  
**PLAT, GRADING, STREETS,  
AND UTILITIES**  
for  
**HOULE ADDITION**  
**LINO LAKES, MN**

Date: 5/15/2017 Sheet: 1 of 7





EXCEPTION

Zoned : PSP (Public Semi-Public)

S 89°42'27" W 1314.92

The South Line of the North 1100 feet of Outlot D

S 89°19'39" W 719.23'

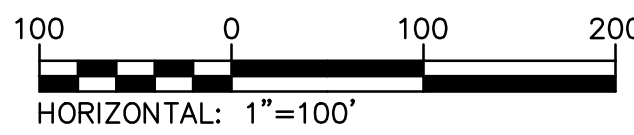
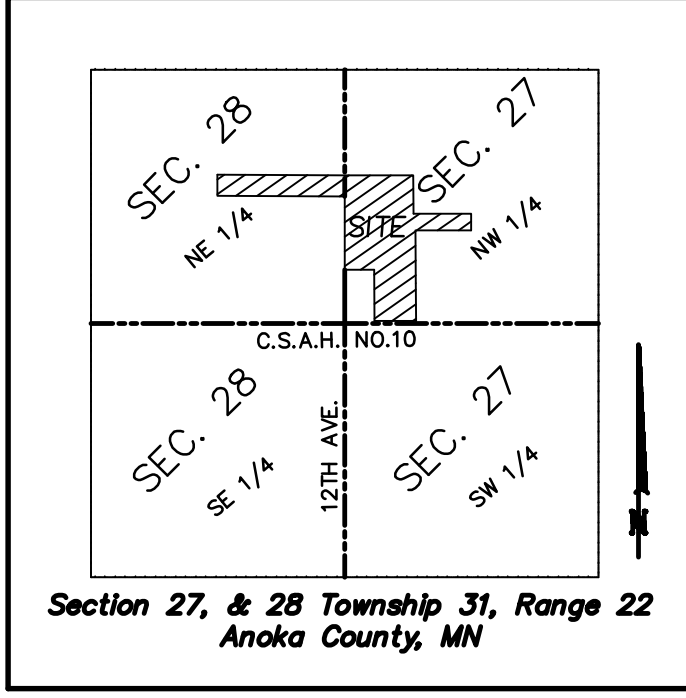
Edge Of Wetland As Delineated By Jacobson Environmental in April, 2017

Retaining Wall and Fence Falls 1.5' North of Property

N 89°41'31" E 1315.53

The Southwest corner of the NE 1/4 of the NE 1/4 of Sec. 28, Twp. 31, Rge. 22

VICINITY MAP  
Not to Scale



- LEGEND**
- EXISTING LIGHT POLE
  - EXISTING SIGN
  - EXISTING POWER POLE
  - EXISTING GUY WIRE
  - EXISTING CATCH BASIN
  - EXISTING DECIDUOUS TREE
  - EXISTING CONIFEROUS TREE
  - EXISTING GATE VALVE
  - FOUND IRON MONUMENT
  - SET MONUMENT
  - EXISTING AUTO SPRINKLER
  - EXISTING MANHOLE
  - EXISTING WATER METER
  - EXISTING GAS METER
  - EXISTING HAND HOLE
  - EXISTING TELEPHONE BOX
  - EXISTING GUAR POST
  - EXISTING FIRE HYDRANT
  - EXISTING SOIL BORING
  - PROPOSED SETBACK LINE
  - EXISTING RETAINING WALL
  - EXISTING WETLANDS EDGE
  - EXISTING CONTOUR
  - EXISTING CONTOUR
  - EXISTING BURIED ELECTRIC
  - EXISTING GAS LINE
  - EXISTING SANITARY SEWER
  - EXISTING STORM SEWER
  - EXISTING TREELINE
  - EXISTING WATERLINE
  - EXISTING SILT FENCE
  - UPLAND AREA
- BENCHMARK**  
Top Nut of Hydrant (NAVD 88)  
Located at the end of Ruffed Grouse Road as shown on the survey.  
Elev.= 897.26 feet
- BASIS OF BEARINGS**  
For the purposes of this survey the West line of Outlot D, of PHEASANT HILLS PRESERVE, according to the plat thereof, Anoka County, Minnesota is assumed to bear N 00°44'55" W

- NOTES**
- The area of the property is 1,338,460 sq. ft. or 30.72 acres
  - Wetlands were located as shown on the drawing
  - The property lies in flood zone X (areas determined to be outside the 0.2% annual chance floodplain) and zone A (areas where no base flood elevations are determined) as designated on Flood Insurance Rate Map Community Panel Number 27003C 0365 E, Anoka County, Minnesota, published by the Federal Emergency Management Agency effective date December 16th, 2015.
- PROPERTY DESCRIPTION**
- Outlot D, Pheasant Hills Preserve, Anoka County, Minnesota
- EXCEPT that part of Outlot D, Pheasant Hills Preserve being in the West One-half of the Northwest One-Quarter, Section 27, Township 31, Range 22, Anoka County, Minnesota, described as follows:  
Commencing at the Southeast corner of the West One-half of said Northwest One-Quarter, Section 27; thence North 01 degrees 00 minutes 55 seconds West along the East line of said West One-half, Northwest One-Quarter, Section 27, a distance of 57.73 feet to the Southeast corner of said Outlot D for a point of beginning of the tract to be described; thence North 01 degrees 00 minutes 55 seconds West, along the East line of said Outlot D, a distance of 910.02 feet; thence South 89 degrees 22 minutes 49 seconds West, a distance of 580.47 feet; thence South 01 degrees 00 minutes 55 seconds East, parallel with the East line of said Outlot D, a distance of 548.90 feet; thence North 89 degrees 22 minutes 49 seconds East, parallel with the South line of said Northwest One-Quarter, Section 27, a distance of 416.00 feet; thence South 01 degrees 00 minutes 55 seconds East, parallel with the East line of said Outlot D a distance of 370.14 feet to the Northerly right-of-way line of C.S.A.H. No. 10 (Anoka County Right-of-Way Plot No. 11); thence North 85 degrees 24 minutes 36 seconds East along said right-of-way line a distance of 28.66 feet; thence continuing along said right-of-way line along a curve concave to the North (which has a radius of 3879.72 feet, a delta angle of 02 degrees 00 minutes 31 seconds, and an arc length of 136.02 feet) a chord bearing and distance of North 86 degrees 24 minutes 53 seconds East, 136.01 feet to the point of beginning.
- And EXCEPT the North 1100 feet of Outlot D, Pheasant Hills Preserve, Anoka County Minnesota  
And EXCEPT the South 400 feet of the North 1500 feet of the East 600 feet of Outlot D, Pheasant Hills Preserve, Anoka County, Minnesota

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

Ronald P. Alwin DATE 5-11-17 LIC. NO. 17765

2550 University Avenue West, Suite 1615  
St. Paul, Minnesota 55114  
618.237.5652 phone  
618.235.5977 fax  
www.kaskasiaeng.com

**Kaskasia**  
Engineering Group, LLC

PROFESSIONAL REGISTRATIONS  
Minnesota Professional Design Firm

**GRH Contracting**  
4417 Channel Lane NE  
East Bethel, MN 55092

REV.	DATE	DESCRIP
1		
2		

SHEET TITLE:  
**CERTIFICATE OF SURVEY**

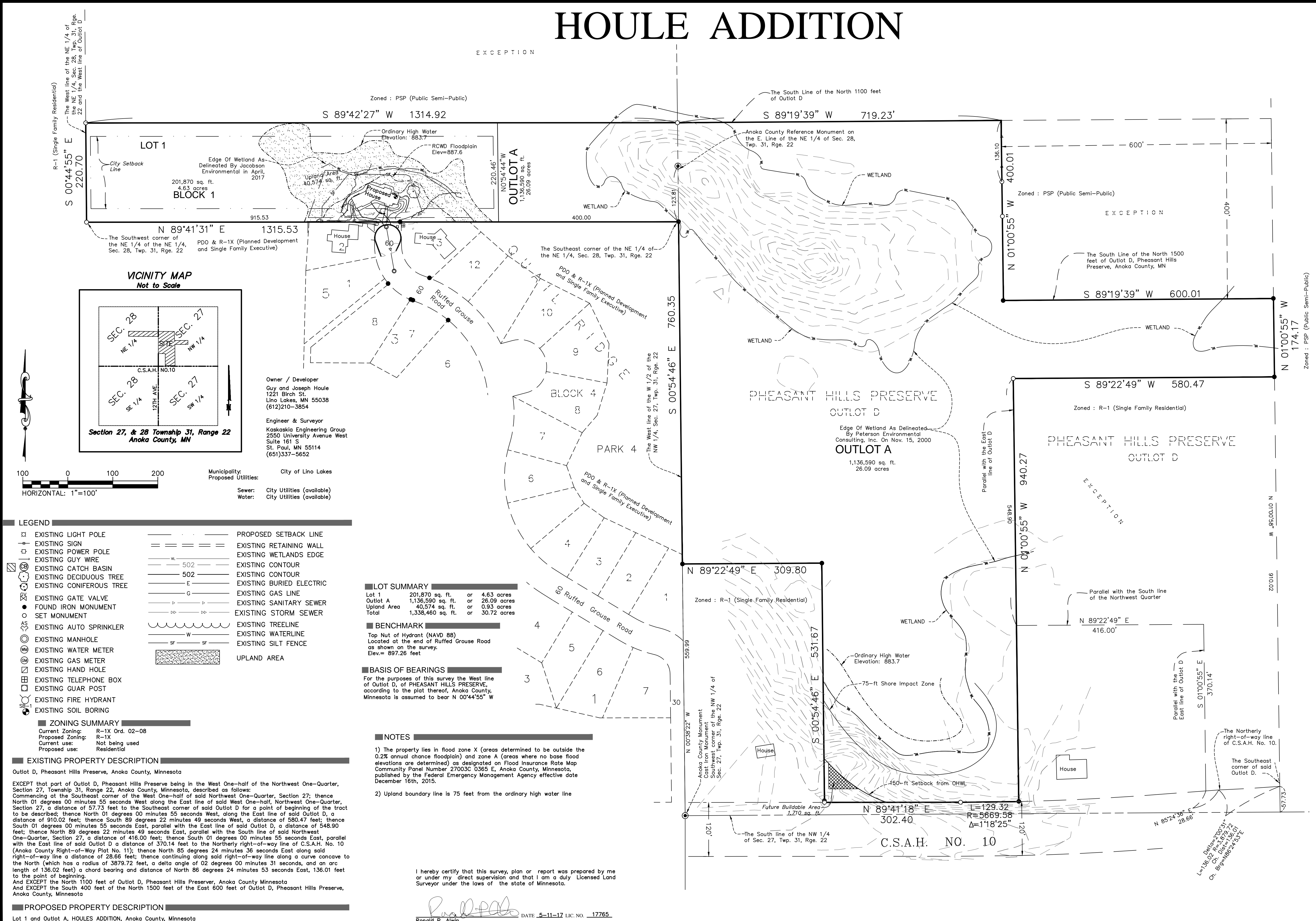
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**HOULE PROPERTY  
LINO LAKES, MN**

DRAWN BY: SCA	SHEET 02
CHECKED BY: RPA	
SHEET NO. 02 OF 07 SHEETS	
PROJECT NUMBER 17-1042	



# HOULE ADDITION

EXCEPTION



Zoned : PSP (Public Semi-Public)

The South Line of the North 1100 feet of Outlot D

Zoned : PSP (Public Semi-Public)

Zoned : R-1 (Single Family Residential)

Zoned : R-1 (Single Family Residential)

Zoned : PSP (Public Semi-Public)

Owner / Developer  
Guy and Joseph Houle  
1221 Birch St.  
Lino Lakes, MN 55038  
(612)210-3854

Engineer & Surveyor  
Kaskaskia Engineering Group  
2550 University Avenue West  
Suite 161 S  
St. Paul, MN 55114  
(651)337-5652

Municipality: City of Lino Lakes

Proposed Utilities:  
Sewer: City Utilities (available)  
Water: City Utilities (available)

- LEGEND**
- EXISTING LIGHT POLE
  - EXISTING SIGN
  - EXISTING POWER POLE
  - EXISTING GUY WIRE
  - EXISTING CATCH BASIN
  - EXISTING DECIDUOUS TREE
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  - EXISTING SANITARY SEWER
  - EXISTING STORM SEWER
  - EXISTING TREELINE
  - EXISTING WATERLINE
  - EXISTING SILT FENCE
  - UPLAND AREA

**LOT SUMMARY**

Lot 1	201,870 sq. ft.	or	4.63 acres
Outlot A	1,136,590 sq. ft.	or	26.09 acres
Upland Area	40,574 sq. ft.	or	0.93 acres
<b>Total</b>	<b>1,338,460 sq. ft.</b>		<b>or 30.72 acres</b>

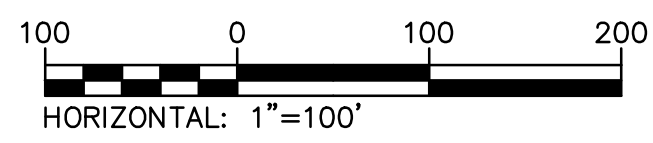
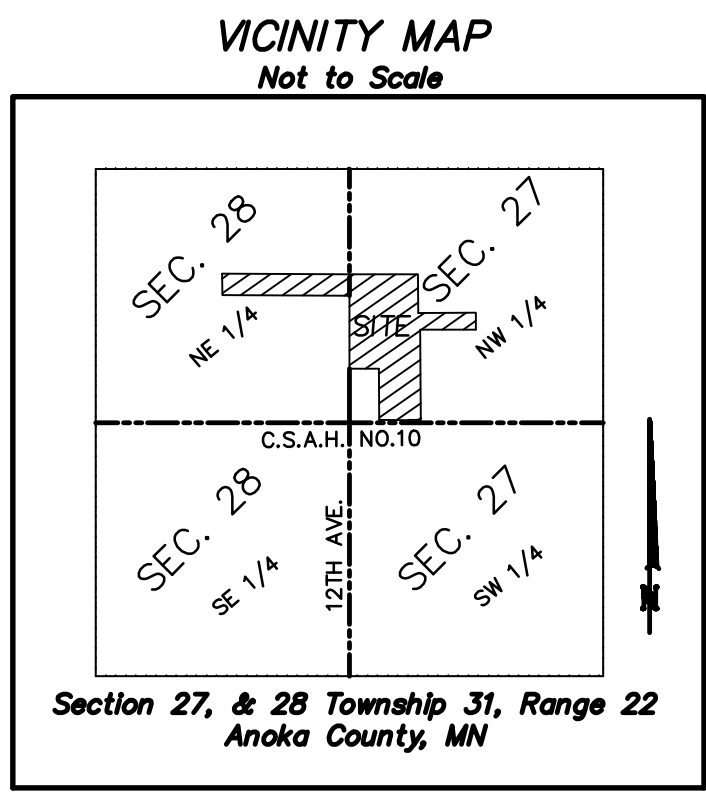
**BENCHMARK**  
Top Nut of Hydrant (NAVD 88)  
Located at the end of Ruffed Grouse Road  
as shown on the survey.  
Elev. = 897.26 feet

**BASIS OF BEARINGS**  
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- NOTES**
- The property lies in flood zone X (areas determined to be outside the 0.2% annual chance floodplain) and zone A (areas where no base flood elevations are determined) as designated on Flood Insurance Rate Map Community Panel Number 27003C 0365 E, Anoka County, Minnesota, published by the Federal Emergency Management Agency effective date December 16th, 2015.
  - Upland boundary line is 75 feet from the ordinary high water line

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

Ronald P. Alwin  
DATE: 5-11-17 LIC. NO. 17765



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Minnesota Professional Design Firm  
LICENSE NO. 668435000021

**GRH Contracting**  
4417 Channel Lane NE  
East Bethel, MN 55092

REV.	DATE	DESCRIP
1		
2		

SHEET TITLE: PRELIMINARY PLAT  
PROJECT TITLE: HOULE PROPERTY LINO LAKES, MN

DRAWN BY: SCA	SHEET 03
CHECKED BY: RPA	
SHEET NO. 03 OF 06 SHEETS	
PROJECT NUMBER 17-1042	



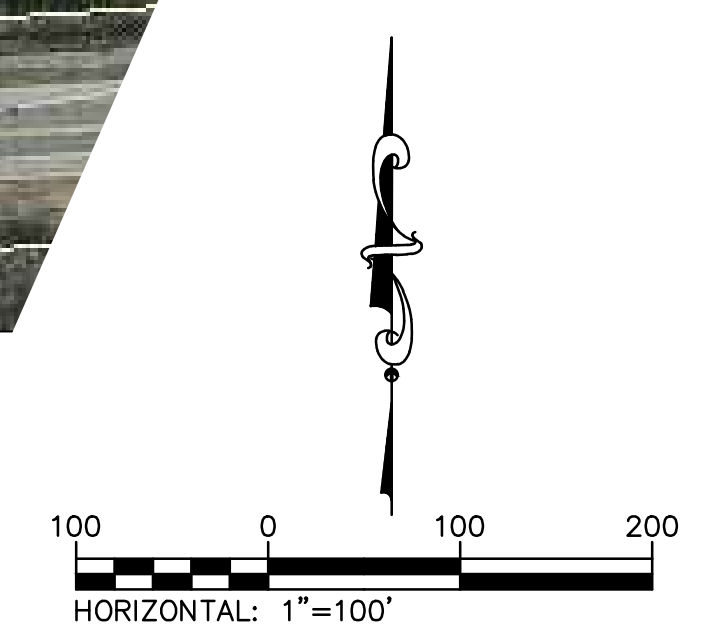
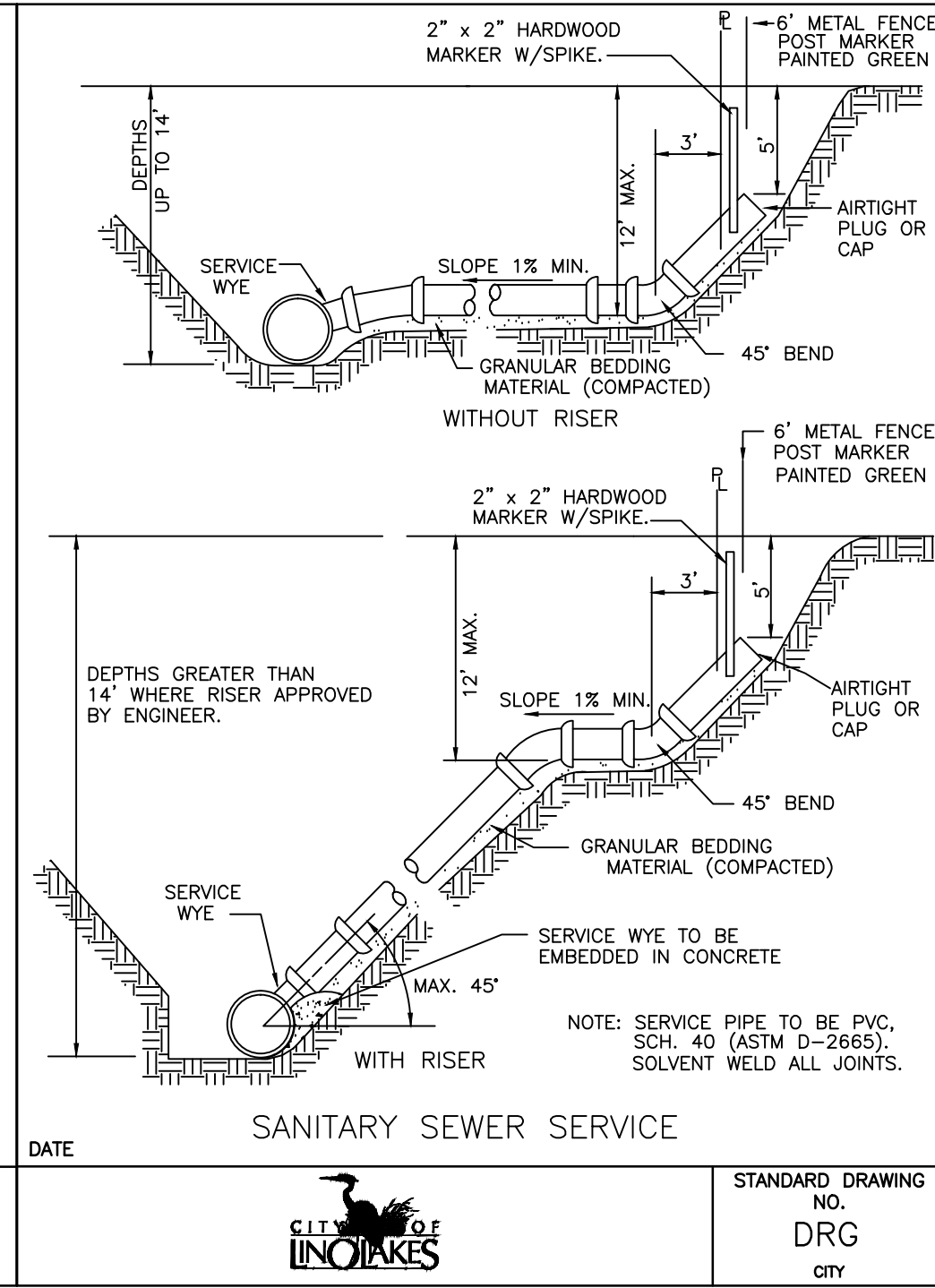
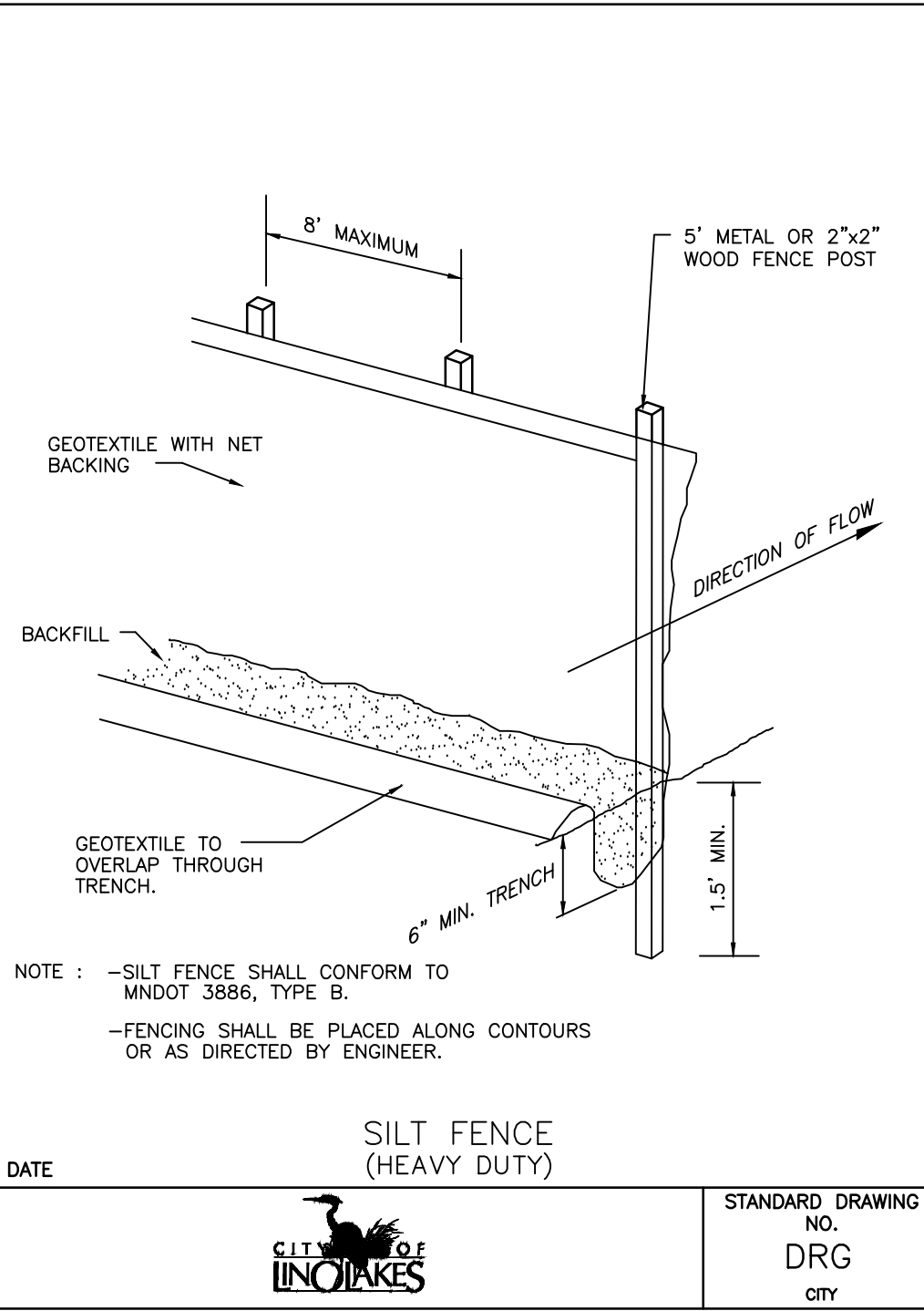
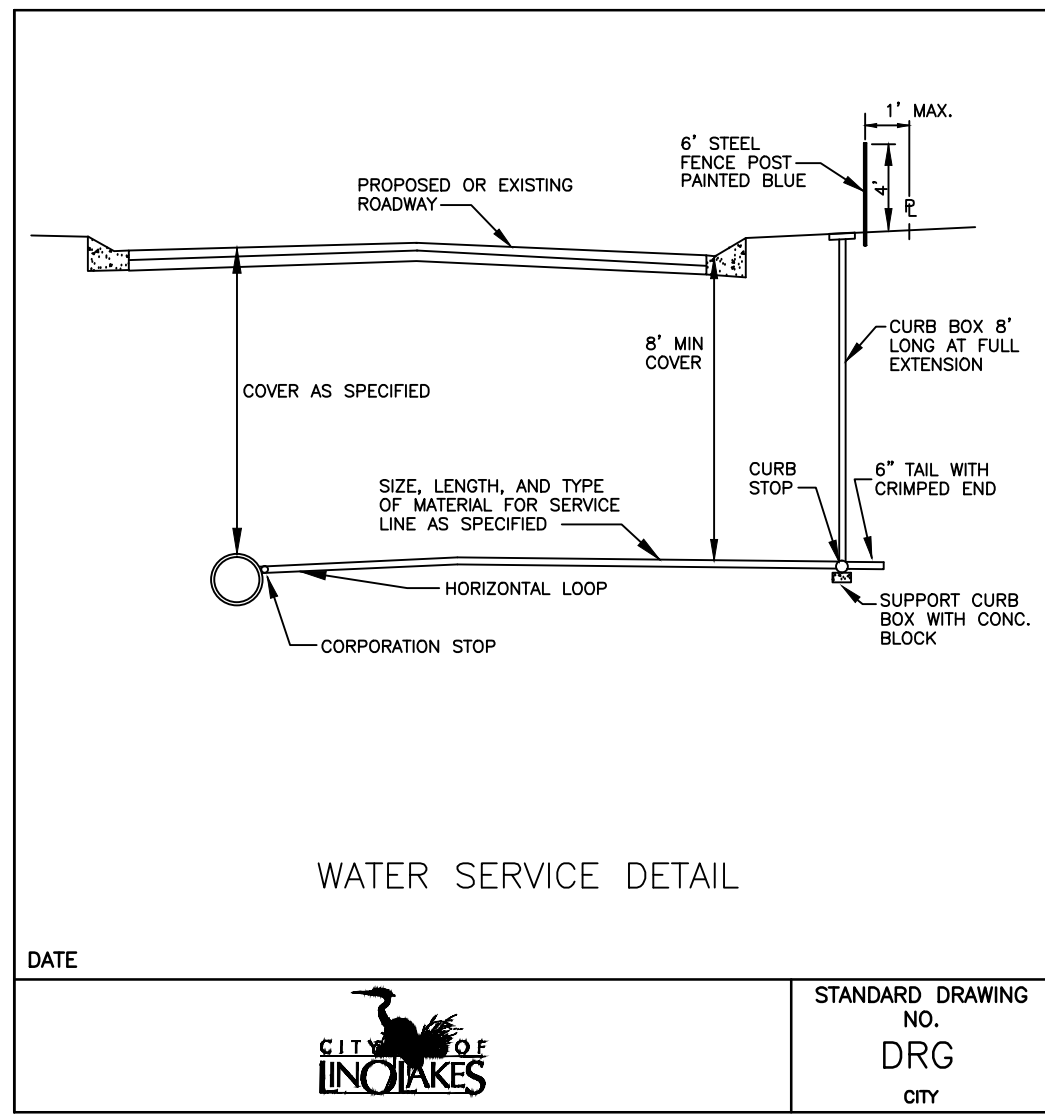








FILE: P:\17-1042 - Houles - Lino Project\10\_CAD\CADD Drawings\City - Lino Lakes Project.dwg



Notes

1) The purpose of this drawing is to show neighboring land uses.

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Minnesota Professional Design Firm

LICENSE NO. 688435000021

**GRH Contracting**  
4417 Channel Lane NE  
East Bethel, MN 55092

REV.	DATE	DESCRIP
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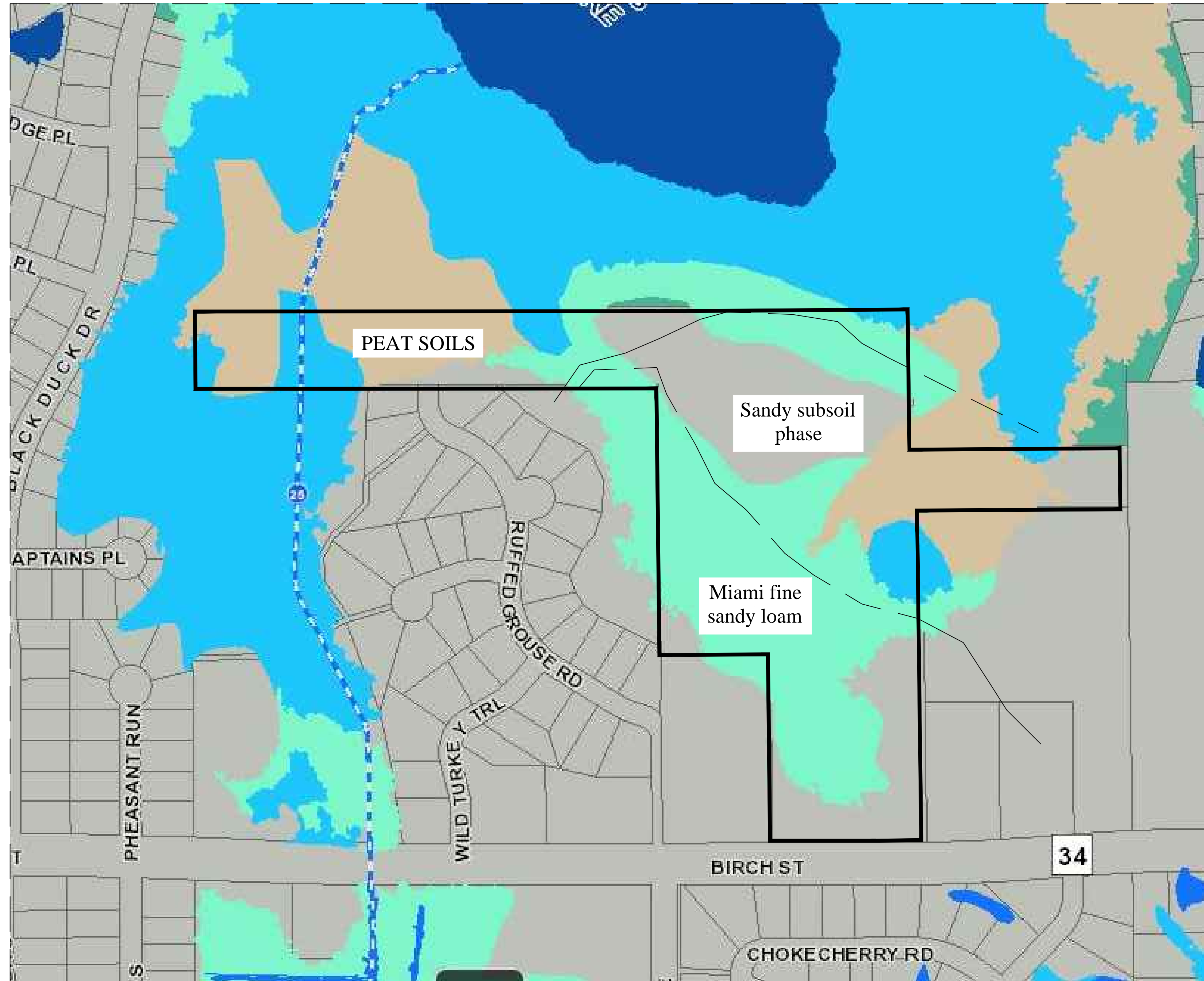
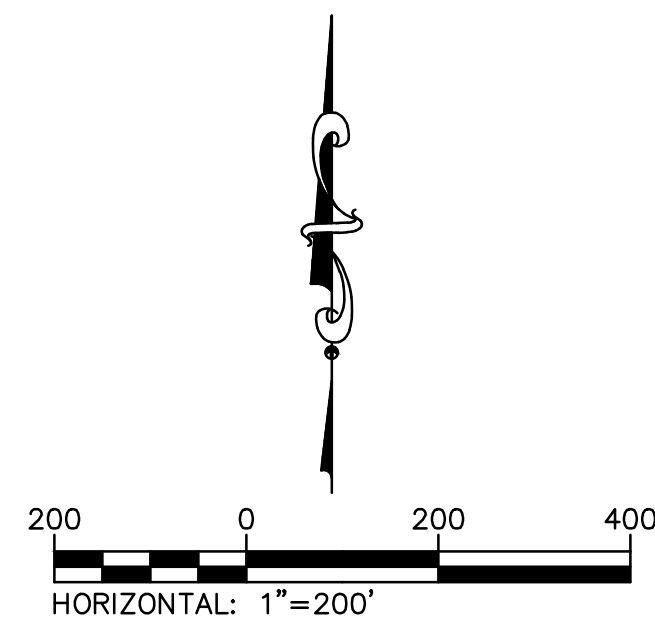
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**NEIGHBORHOOD CONTEXT AND DETAILS**

PROJECT TITLE:  
**HOULE PROPERTY LINO LAKES, MN**

DRAWN BY:	SCA	SHEET	06
CHECKED BY:	RPA		
SHEET NO.	06	OF	07 SHEETS
PROJECT NUMBER	17-1042		



# HYDROLOGY AND SOIL SUMMARY



**NOTES**

- 1) All trees to remain across site with the exception of where the proposed house is to be constructed on Lot 1, Block1, proposed Houle Addition.
- 2) No mitigation necessary.
- 3) Soils shown are from US Department of Agriculture Bureau of Soils.
- 4) Hydrology features are shown from Anoka County Water Resources.

**LEGEND**

	Type 1 - Seasonally Flooded
	Type 2 - Wet Meadows
	Type 3 - Shallow Marshes
	Type 4 - Deep Marshes
	Type 5 - Open Water Wetlands
	Type 6 - Shrub Swamps
	Type 7 - Wooded Swamps
	Type 8 - Bogs

FILE: P:\17-1042 - Houles - Lino Project\10\_CAD\CADD Drawings\Guy - Lino Lakes Project.dwg

LAST PLOTTED: 5/15/2017 10:37 AM

PREPARED BY:



2550 University Avenue West, Suite 161S  
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 www.kaskaskiaeng.com

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 LICENSE NO. 688435000021

**GRH Contracting**  
 4417 Channel Lane NE  
 East Bethel, MN 55092

REV.	DATE	DESCRIP
△		
△		

SHEET TITLE:  
**RESOURCE INVENTORY**

PROJECT TITLE:  
**HOULE PROPERTY  
 LINO LAKES, MN**

DRAWN BY: SCA	SHEET <b>07</b>
CHECKED BY: RPA	
SHEET NO. 07 OF 07 SHEETS	
PROJECT NUMBER 17-1042	



# City of Lino Lakes

Muck

Dundas Loam

Text



Lino Lakes  
600 Town  
Center

## Houle First Addition Soils

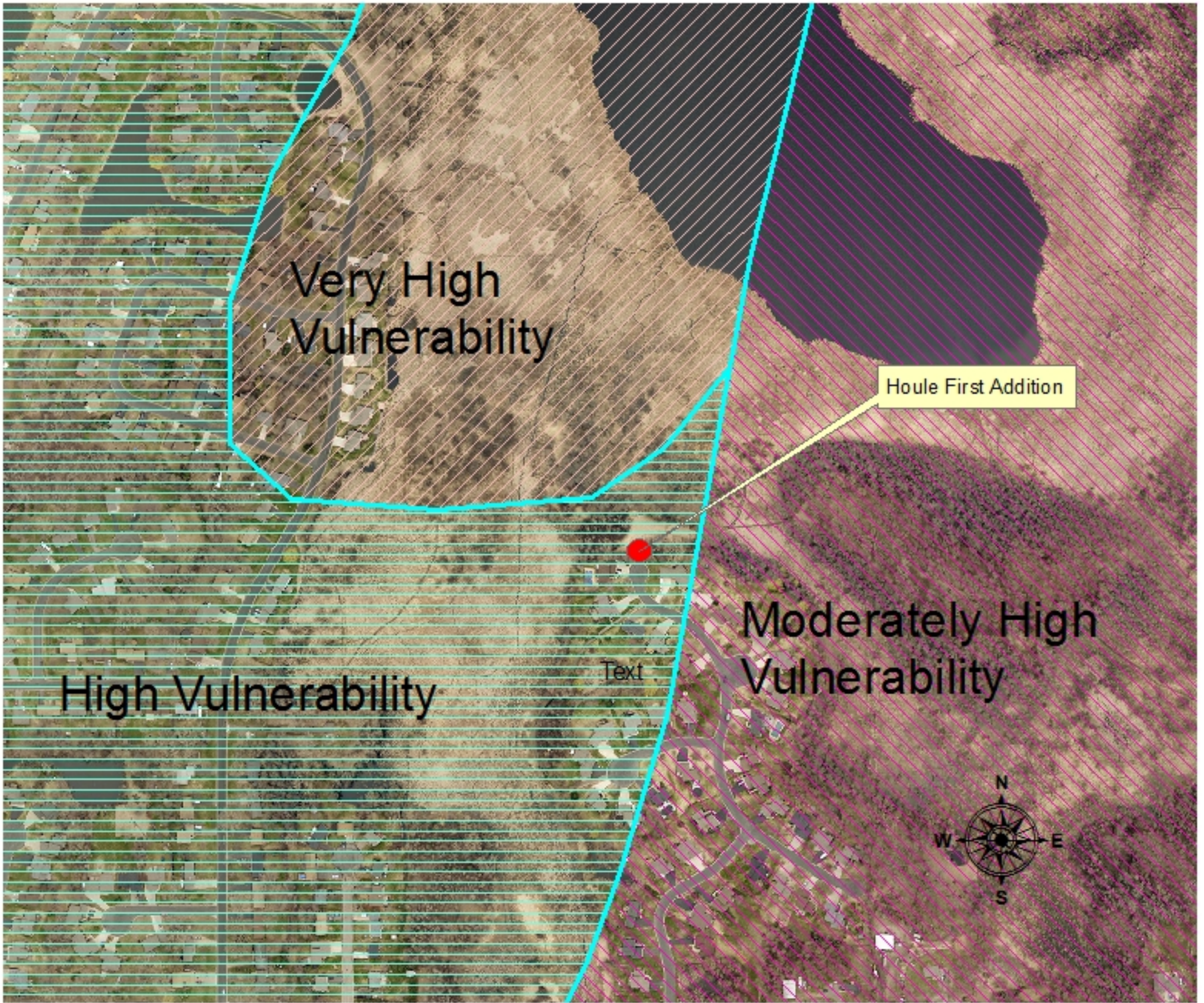


0 37.5 75 150 225 300 Feet





# City of Lino Lakes



Lino Lakes  
600 Town  
Center

## Houle First Addition DWSMA Vulnerability

