



Memo

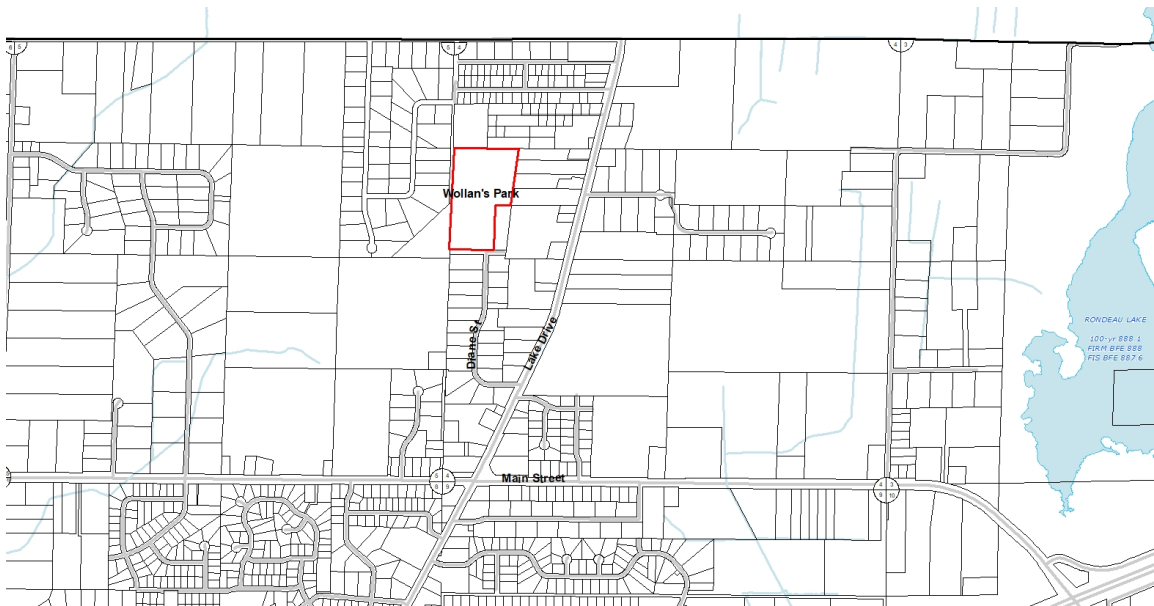
To: Lino Lakes Environmental Board

From: Marty Asleson

Date: August 28, 2019

Re: Pre-Environmental Board Meeting/Wollan's Park Wetland Bank

As part of our summer schedule, we have been meeting before the Environmental Board meeting to review past projects. This month I have Wollan's Park. Please meet at the site on the map at 5:30 if you can make it.



**City of Lino Lakes
Environmental Board Meeting**

**Wednesday, August 28, 2019
6:30 PM**

**Pre-Meeting at Wollan's Park Wetland Bank
(next to 8210 Diane St)
5:30 PM**

AGENDA

1. Call to Order
2. Approval of Agenda
3. Approval of Minutes
4. Open Mike
5. Action Items –
 - A. Direct Bore (502 and 510 Lilac Street) – Conditional Use Permit
 - B. Rehbein Stock Pile (7625 24th Ave) – Conditional Use Permit
6. Discussion Items
 - A. Resource Inventory
 - B. Interests/Goals
 - C. Recycling Updates, Connor Kvendru
 - D. City Newsletter, October 15 (Articles Due Date)
 - E. Environmental Updates from Environmental Board Members
7. Adjourn

**CITY OF LINO LAKES
ENVIRONMENTAL BOARD MINUTES**

DATE	: July 31, 2019
TIME STARTED	: 6:33 P.M.
TIME ENDED	: 8:02 P.M.
MEMBERS PRESENT	: Chair John Sullivan, Paula Andrzejewski, Eric Flower, Shawn Holmes, Liz Kaufenberg, Alex Schwartz
MEMBERS ABSENT	: Wendy Nelson
STAFF PRESENT	: Marty Asleson, Connor Kvendru

1. CALL TO ORDER AND ROLL CALL:

Acting Chair Mr. Sullivan called the Lino Lakes Environmental Board meeting to order at 6:33 p.m. on July 31, 2019.

2. APPROVAL OF AGENDA

The Agenda approved with following change

ADD – D. Wolans Park

Ms. Holmes made a MOTION to approve the agenda with the change. Ms. Kaufenberg seconded the motion. Motion carried 6-0

3. APPROVAL OF MINUTES:

April 24, 2019

Ms. Andrzejewski made a MOTION to approve the April 24, 2019 Meeting Minutes. Ms. Holmes supported motion. Motion carried 6-0.

4. Swearing in of Board Members – Eric Flower

5. Election of Chair & Vice Chair

It was moved by Ms. Holmes to appoint Mr. Sullivan for Chair. Motion passed

DRAFT MINUTES

It was moved by Ms. Holmes to appoint Ms. Kaufenberg for Vice Chair whom respectfully declined at this time.

It was moved by Ms. Kaufenberg to appoint Ms. Andrzejewski for Vice Chair. Motioned passed.

6. OPEN MIKE

Mr. Sullivan declared Open Mike at 6:45 p.m.

Open Mike closed at 6:46 p.m.

7. ACTION ITEMS

A. Otter Lake Animal Care Center/CUP/Building Addition

This is for a conditional use permit to build an addition on to Otter Lake Animal Care facility at 6848 Otter Lake Road – Otter Lake Animal Care Center.

The proposed plan is to expand the facility to include a 2800-foot extension and expand the parking area for staff. The plan includes utilities (it will be on city water) and a landscape plan. It is already on city sewer.

The developer has submitted an erosion control plan that meets our standards.

Mr. Sullivan asked about the drainage of the existing parking lot.

Mr. Sullivan would like to see water reuse from the ponds for the plants and sod

Mr. Asleson the maintenance agreement has to include both the south pond and the one according to the plan is called basin one which does include two property owners.

Ms. Andrzejewski made a MOTION to approve with the following added recommendations:

- All bordering trees on properties next to the project must be fenced off with orange fence to ensure there is no impacts to private trees
- Consider irrigation of plants/grass with water from the drainage pond
- No soil will be imported without approval from city engineer

Ms. Kaufenberg seconded the motion. Motion carried 6 - 0

B. Poehling Addition-6790 West Shadow Lake Drive/Residential Subdivision

This application is for an existing lot subdivision. This a lakeshore lot on Reshanau Lake at 6790 West Shadow Lake Drive.

There are a number of other issues that zoning officials must look for proposed Shoreland construction. In particular, this lot will have limited ability to construct accessory structures, decks or additions due to the required setback from the OHWL (Ordinary High Water Level).

The plan shows silt fence around construction site area and wetland basin and shows a rock entrance.

An erosion control plan will be needed

Mr. Asleson mentioned it has to meet setback requirements which is the duty of the Community Development department.

Ms. Andrzejewski wanted to know if they would be on city water and sewer.

Mr. Asleson stated that the future house and the existing house would connected to city sewer and water.

Mr. Sullivan clarified that the management of the shoreland areas is the responsibility of the city.

Mr. Flower asked about the future home built in a flood zone.

Mr. Asleson stated that the future home site would be elevated and be out of the flood plain

The added recommendations from the Environmental Board are:

- Disconnect area should include planted with native plants and alterative lawn mix
- No soil will be imported without approval from city engineer

Ms. Holmes MOTION to approve the subdivision plan with the Environmental Board recommendations.

Mr. Schwartz seconded this motion. Motion passed 6-0

8. DISCUSSION ITEMS

A. Blue Heron Days – August 16-18, 2019

Mr. Kvenc introduce himself and brought up the need for 8-12 volunteers for Blue Heron Days parade with the duties of picking up trash along the parade route.

Ms. Holmes will be there and reached out to Boy Scout troop 232

Mr. Sullivan will also be there and stated that line up is the east side of Target at 10:30am

It was suggested that the group stay together and not spread out to much along the parade route

Ms. Andrzejewski mentioned that we can point them in the direction of the trash container that will be placed on the parade route

Mr. Sullivan suggested ordering new shirts

B. Recycling Updates/Recycling Intern, Connor Kvendru

Mr. Kvenc presented the first half of the score report which covers January 1st to June 30th of this year, which is tonnage and expenses

- Textile - just over 3 tons from Simple Recycling
- Organics - 6 tons collected by Ace Recycling
- Recycling Saturday – 51 tons

At the corn roast where there were waste stations and signage recycling collected was 38.24 lbs just under .02 tons and organics collected there was 281 lbs just under 1.5 tons. Noted was that we had ran out of organic bags.

At Blue Heron Days there will be three organic collection sites at the Lino Park and at American Legion there will be two for a total of five collection sites

Mr. Schwartz mentioned putting a sign on the organic collection containers saying **no plastic** may help with contamination

Ms. Holmes wanted to know what happen to fencing and signs at the organic sites

Mr. Flowers wanted to know about sending out an informational email and by viewing the clicks to see how many people open the email. Also having a simple video with the message may get more of a response.

Mr. Flower also suggested having a information video on the website relating to organics and recycling

Ms. Kaufenberg wanted to know about putting information out in the city newsletter. Also having all the cans in the same area with signs identifying what goes into which cans

C. Environmental Board Member Duties

Mr. Asleson wanted the Environmental Board members to look over the duties and goals of the board and let's stay within guidelines of this list

Mr. Asleson will bring the slide presentation of what was presented to the City Council – part of the Resource Management plan which includes the wetland management corridor.

It was discussed about #4 – to add organic and recycling information to newsletter, quad, and website

Ms. Andrzejewski suggested a poster or visual thing that will get people's attention

Mr. Flower remarked doing a visual one page insert in the water bill of 5 things that you can do from a recycling perspective, 5 things you can do from an organics perspective and 5 things you can do to conserve energy in your homes.

Mr. Asleson mentioned that there is a very good video on ground water that was put out by the Anoka County Conservation District that could be put on the city's website.

Ms. Andrzejewski wanted to know what percent of residents are on city water.

D. Wollans Park

Mr. Asleson wanted to let everyone know that the city did get the final wetland bank credits on Wollans Park.

Mr. Asleson would like to see a wood chip trail in the park

Mr. Asleson suggested on doing a pre-meeting in August at Wollans Park.

9. ADJOURNMENT

Ms. Andrzejewski MOTION to adjourn the meeting at 8:02 p.m. Motion supported by Ms. Kaufenberg. Motion carried 6-0.

Respectfully submitted,

Mary Fogarty
Office Specialist

**ENVIRONMENTAL BOARD
AGENDA ITEM 5A**

STAFF ORIGINATOR: Marty Asleson, Environmental Coordinator

MEETING DATE: August 28, 2019

REQUEST: Direct Bore at 502 and 510 Lilac Street

APPLICANT: SC Goldade Properties (Shawn and Cindy Goldade)
P.O Box 236, Circle Pines, MN 55014

OWNER: Same as Applicant

BACKGROUND

This is a request for Conditional Use Permit for the properties of 502 and 510 Lilac Street. Direct Bore is a small family owned underground directional drilling company. The former owner of these properties was Lino Lakes Blacktop. Direct Bore would use then 502/510 properties in a less-intense manner than the Lino Lakes Blacktop business, based on the number of employees and the amount of equipment. Direct Bore has 4 employees and 2 crews that operate 2 truck/trailer' daily.

In this proposal, the house will remain as a residence. The house would eventually be razed at some point (2030).

The applicant proposes to continue using the existing private well and septic or tying into the existing city sewer and water at the accessory building.

The proposal does not involve significant soil disturbance. The applicant proposes to install less than 10,000 square feet of bituminous surface.

The application has not significant environmental changes before and after the project

The vast majority of this application involves zoning issues.

RECOMMENDATION

Environmental Staff has no recommendation at this time. This is a zoning continuation of use issue with an added amount of bituminous area.

ATTACHMENTS

1. Plans

DIRECT BORE SITE IMPROVEMENT

TITLE SHEET, LEGEND, EXISTING CONDITIONS & REMOVAL PLAN

LINO LAKES, MINNESOTA

LEGEND

— OHW —	EXISTING OVERHEAD ELECTRIC	— —	PROPOSED WATER PIPE
— TEL —	EXISTING UNDERGROUND TELEPHONE	—>—	PROPOSED SANITARY SEWER PIPE
— CBL —	EXISTING UNDERGROUND CABLE	—>>—	PROPOSED STORM SEWER PIPE
□	EXISTING TELEPHONE PEDESTAL	—>>>—	PROPOSED DRAINTILE AND CLEAN-OUT
□	EXISTING ELECTRICAL PEDESTAL	—ELEC—	PROPOSED ELECTRIC SERVICE *
□	EXISTING CABLE PEDESTAL	—GAS—	PROPOSED GAS SERVICE *
□	EXISTING UTILITY POLE	—TEL—	PROPOSED TELEPHONE SERVICE *
☆	EXISTING LIGHT POLE	⊙	PROPOSED STORM MANHOLE
—>>—	EXISTING STORM SEWER	□	PROPOSED CATCH BASIN
— —	EXISTING WATER MAIN	△	PROPOSED FLARED-END SECTION
—>—	EXISTING SANITARY SEWER	⊗	PROPOSED GATE VALVE
—FM—	EXISTING FORCEMAIN	⊗	PROPOSED HYDRANT
⊙	EXISTING STORM MANHOLE	⊙	PROPOSED SANITARY SEWER MANHOLE
□	EXISTING CATCH BASIN	—928—	PROPOSED CONTOUR
◀	EXISTING FLARED-END SECTION	—930—	PROPOSED CONTOUR
⊗	EXISTING GATE VALVE	⊗ 920.60	PROPOSED SPOT ELEVATION (GUTTERLINE, BITUMINOUS SURFACE, OR GROUND SURFACE UNLESS OTHERWISE INDICATED)
⊗	EXISTING HYDRANT	—S—	PROPOSED SILT FENCE
⊗	EXISTING WELL	—4.0%—	PROPOSED DIRECTION OF DRAINAGE
⊙	EXISTING SANITARY SEWER MANHOLE	—	PROPOSED BITUMINOUS
—	EXISTING CONTOUR	—	PROPOSED RIP-RAP
⊗ 920.99	EXISTING SPOT ELEVATION	—	PROPOSED FILTRATION MEDIA
⊗ 907.42	EXISTING SPOT ELEVATION (MATCH INTO ELEVATION)	—	PROPOSED INLET PROTECTION
—	EXISTING BITUMINOUS	—	PROPOSED HEAVY-DUTY PAVEMENT
—	EXISTING TREES	—	PROPOSED ENKAMAT
✗	EXISTING TREE TO BE REMOVED	—	PROPOSED BITUMINOUS SURFACE
—	EXISTING RETAINING WALL	—	EXISTING GRAVEL SURFACE
—x—	EXISTING FENCE		
—WET—	EXISTING WETLAND		

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.

ALL UTILITIES THAT WILL BE OWNED AND MAINTAINED BY THE CITY AFTER CONSTRUCTION SHALL BE BUILT TO LINO LAKES STANDARDS.

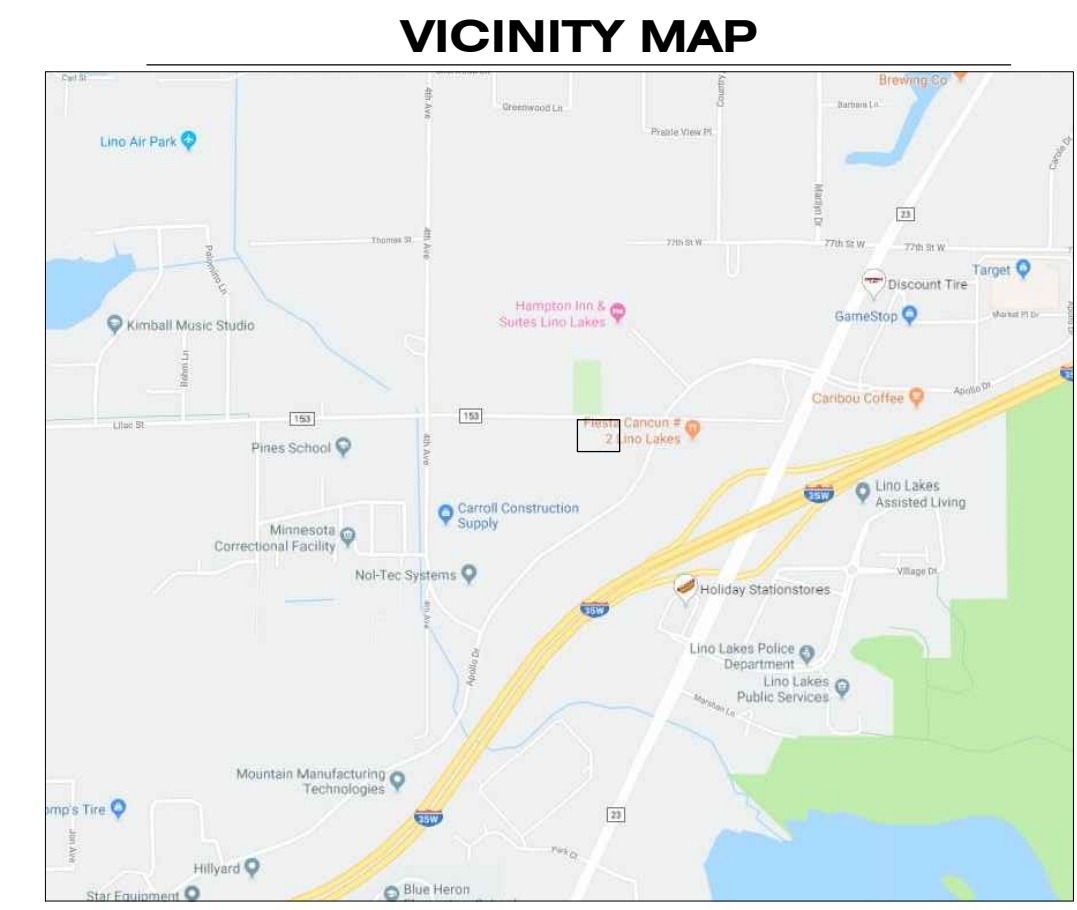
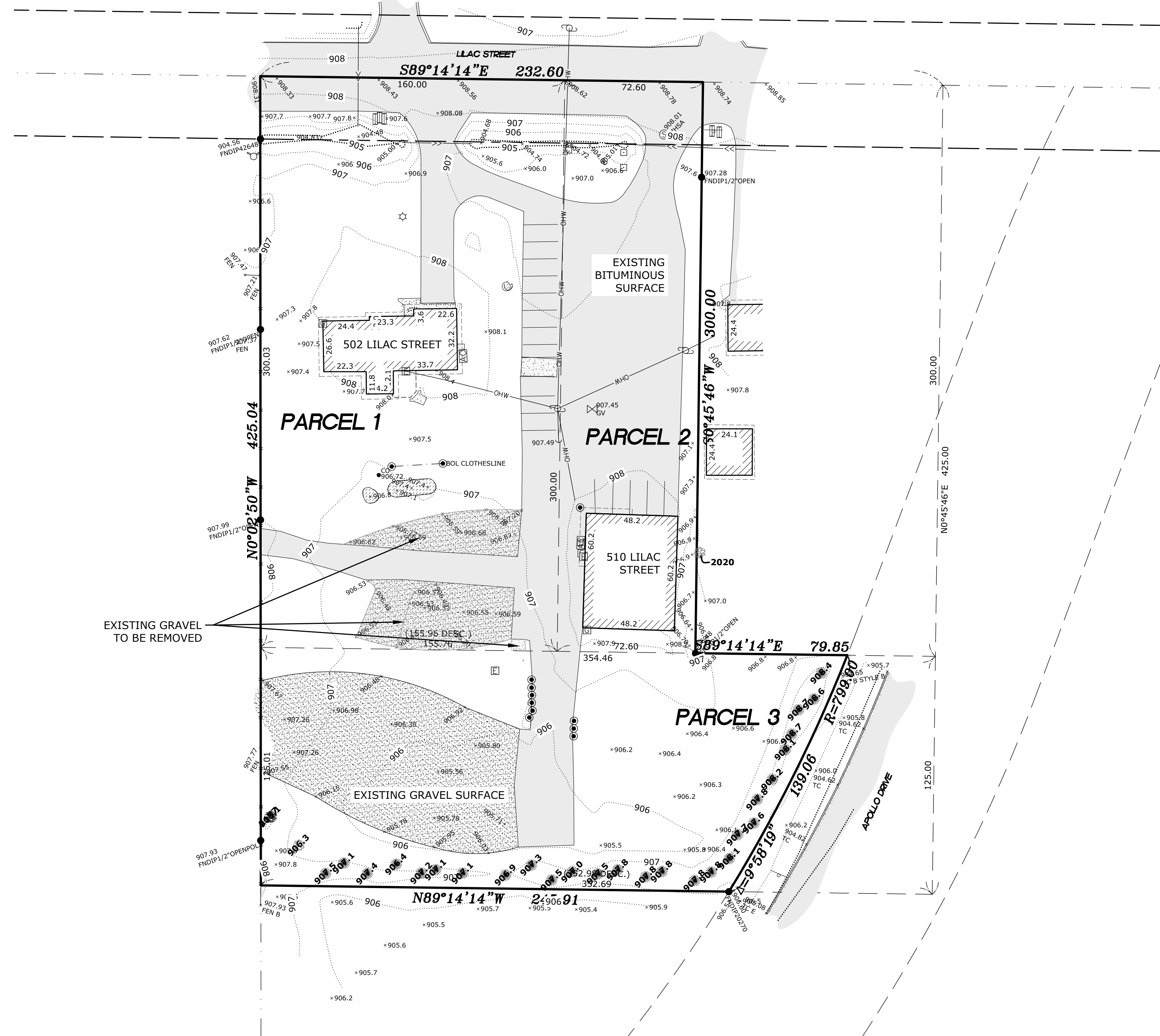
THE CONTRACTOR SHALL NOTIFY CITY PUBLIC WORKS DEPARTMENT A MINIMUM OF 24 HOURS PRIOR TO THE INTERRUPTION OF ANY SEWER OR WATER SERVICES TO EXISTING HOMES OR BUSINESSES.

THE CONTRACTOR SHALL OBTAIN A RIGHT-OF-WAY PERMIT FROM THE CITY OF LINO LAKES PRIOR TO ANY WORK ON ENERGY WAY.

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.



NOT TO SCALE

PROJECT LOCATION
ADDRESS: 502 AND 510 LILAC STREET, LINO LAKES, MN 55014

OWNER/TENANT
SC GOLDADE PROPERTIES

DEVELOPER
SC GOLDADE PROPERTIES
8824 145TH AVE. NE
COLUMBUS, MN 55025
CONTACT NAME: SHAWN GOLDADE
CONTACT PHONE: (812) 940-2330
CONTACT E-MAIL: DIRECTBOREINC@GMAIL.COM

CONTACT NAME: CINDY GOLDADE
CONTACT PHONE: (763) 218-6301
CONTACT E-MAIL: CINGOLD35@MAC.COM

TOTAL DISTURBED AREA
0.16 ACRES

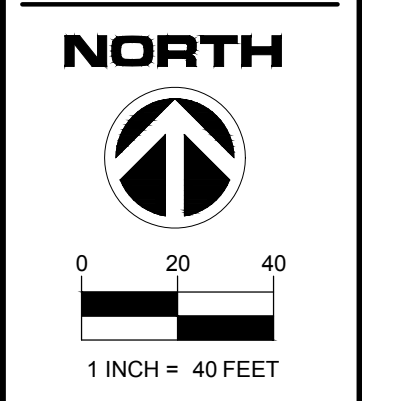
DRAWN BY:	A.A.	DESIGN BY:	A.A.
CHCKD BY:	C.W.P.	PROJ. NO.:	19-1857
ORIGINAL DATE:	JULY 17, 2019		
DATE	REVISION DESCRIPTION		
8/1/2019	CITY REVISIONS		

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.
ALI Q. ABUGHAZLEH
LIC. NO. 56223
DATE: 08.1.2019

DIRECT BORE SITE IMPROVEMENT
CIRCLE PINES, MINNESOTA
TITLE SHEET, NOTES, & LEGEND

PREPARED FOR:
SC GOLDADE PROPERTIES

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



SHEET INDEX

- C1 TITLE SHEET, LEGEND, EXISTING CONDITIONS & REMOVAL PLAN
- C2 CIVIL SITE PLAN
- C3 GRADING, DRAINAGE & EROSION CONTROL PLAN



C1

DATE	REVISION DESCRIPTION
8/1/2019	CITY REVISIONS

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.

Ali Q. Abughazleh
 ALI Q. ABUGHAZLEH
 LIC. NO. 56223
 DATE: 08.1.2019

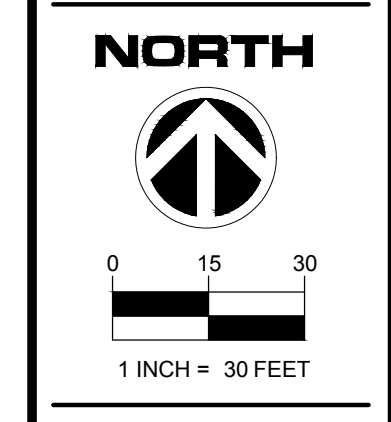
DIRECT BORE INC
502 & 510 LILAC STREET
LINO LAKES, MINNESOTA
 CIVIL SITE PLAN

PREPARED FOR:
SC GOLDADE PROPERTIES

SITE PLANNING & ENGINEERING

PLOWE ENGINEERING, INC.

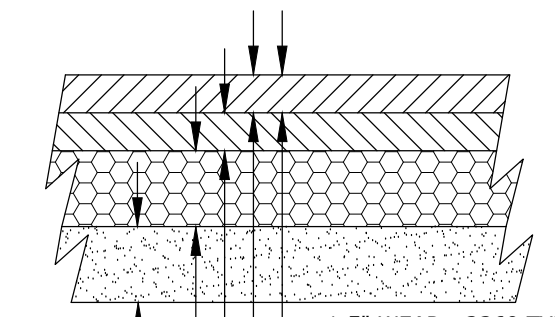
6776 LAKE DRIVE
 SUITE 110
 LINO LAKES, MN 55014
 PHONE: (651) 361-8210
 FAX: (651) 361-8701



C2

BITUMINOUS NOTES

REMOVAL AND DISPOSAL OF EXISTING STREET MATERIALS AS REQUIRED FOR CONSTRUCTION IS CONSIDERED INCIDENTAL.
 SAW-CUT EXISTING BITUMINOUS TO PROVIDE BUTT-JOINT.
 RESTORE DISTURBED STREET TO EXISTING OR BETTER SECTION.

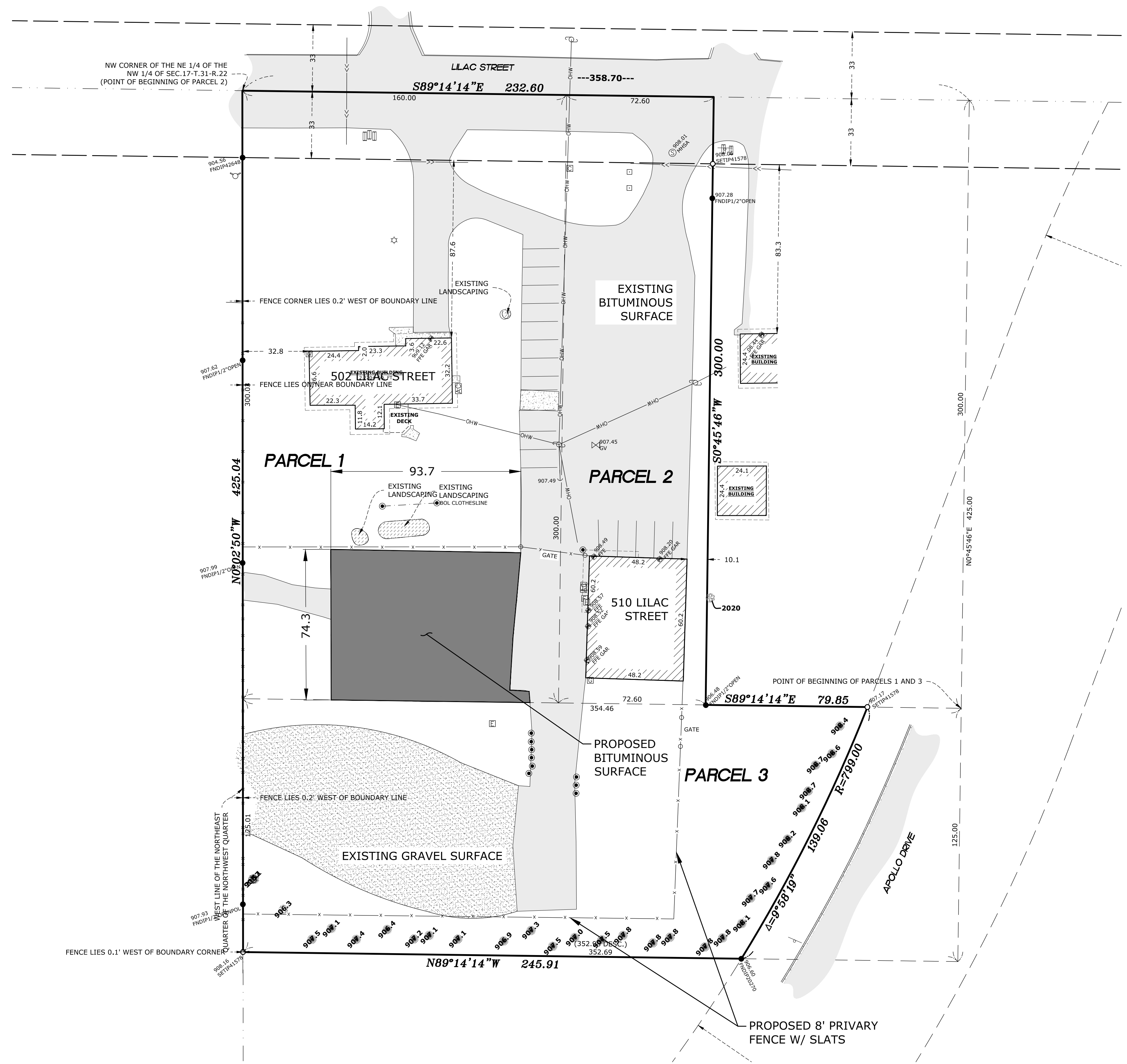


- 1.5" WEAR - 2360 TYPE LV4 WEAR COURSE MIXTURE B (LVWE45030B) ORDINARY COMPACTION METHOD
- TACK COAT, MNDOT 2357
- 2" BASE - 2360 TYPE LV3 NON-WEAR COURSE MIXTURE B (LVNW35030B) ORDINARY COMPACTION METHOD
- 6" AGG. BASE, CL 5 OR CL 6 MNDOT 3138 SPECIFIED DENSITY COMPACTION METHOD
- APPROVED GRANULAR SUBBASE AS DETERMINED BY GEOTECHNICAL ENGINEER

PAVING SHALL CONFORM TO THE LATEST EDITION OF MNDOT'S STANDARD SPECIFICATIONS FOR CONSTRUCTION AND THE CITY'S STANDARDS FOR STREET AND UTILITY CONSTRUCTION.
 PAVING SECTION SHALL BE REVIEWED AND APPROVED BY GEOTECHNICAL ENGINEER PRIOR TO ANY INSTALLATIONS.

BITUMINOUS PAVEMENT

NOT TO SCALE



AREA CALCULATIONS

EXISTING:	45,045.00 S.F. (IMPERVIOUS)	= 42.10%
	107,006.00 S.F. (SITE AREA)	
PROPOSED:	88,426.80 S.F. (IMPERVIOUS)	= 43.20%
	107,006.00 S.F. (SITE AREA)	



Know what's below.
 Call before you dig.

CIVIL SITE PLAN
DIRECT BORE INC
502 & 510 LILAC STREET

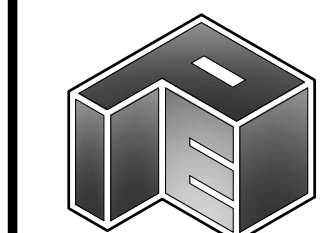
DATE	REVISION DESCRIPTION
8/17/2019	CITY REVISIONS

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.

Ali Q. Abughazeh
 ALI Q. ABUGHAZEH
 LIC. NO. 56223
 DATE: 08.1.2019

DIRECT BORE INC
502 & 510 LILAC STREET
LINO LAKES, MINNESOTA
 GRADING, DRAINAGE, AND EROSION CONTROL PLAN

PREPARED FOR:
SC GOLDADE PROPERTIES

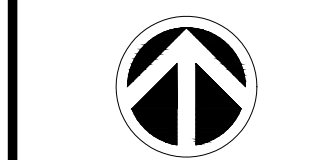


SITE PLANNING & ENGINEERING

PLOWE ENGINEERING, INC.

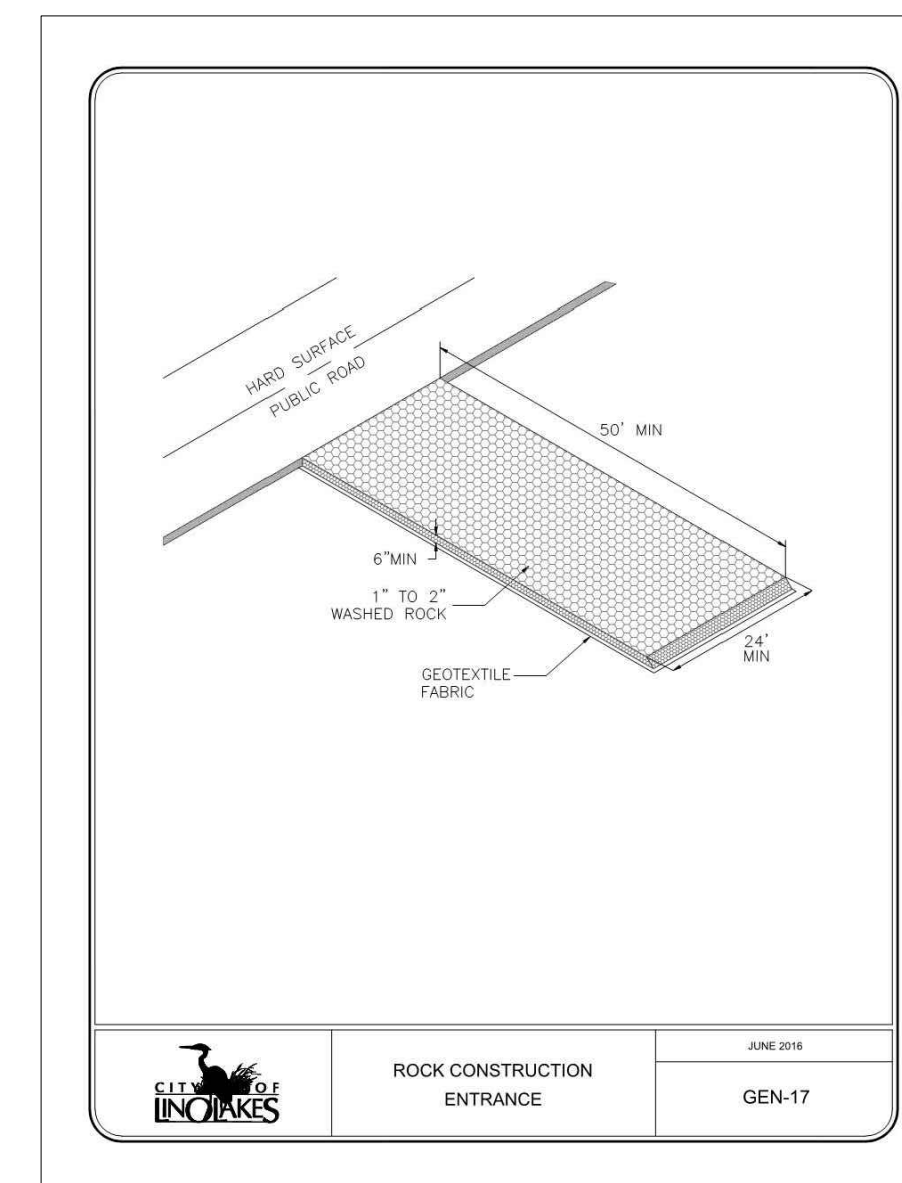
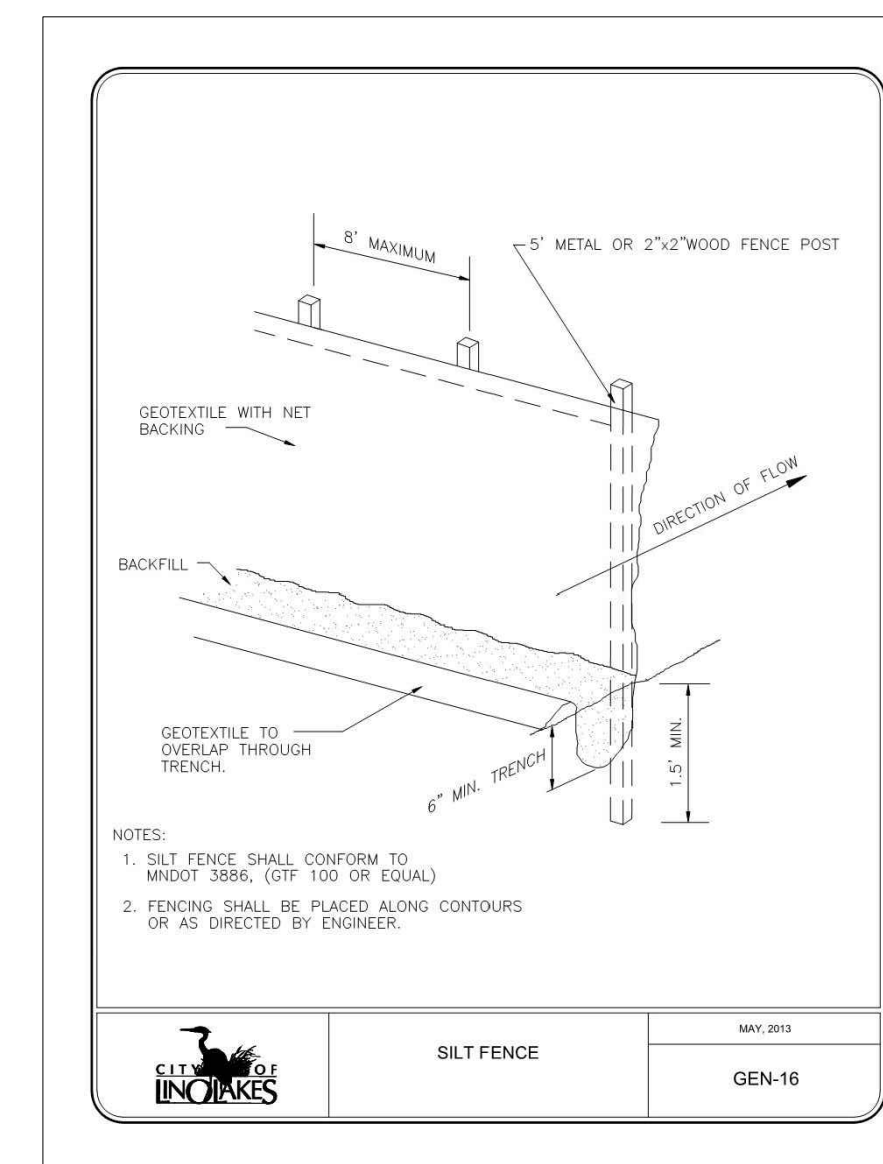
6776 LAKE DRIVE
 SUITE 110
 LINO LAKES, MN 55014
 PHONE: (651) 361-8210
 FAX: (651) 361-8701

NORTH



0 15 30
 1 INCH = 30 FEET

C3



GRADING, DRAINAGE, AND EROSION CONTROL PLAN
DIRECT BORE INC
502 & 510 LILAC STREET



S:\Volume\811\811\19-1857-DIRECT BORE SITE IMPROVEMENT\19-1857-CADD\19-1857-BASE-5.dwg 7/15/2019

**ENVIRONMENTAL BOARD
AGENDA ITEM 5B**

STAFF ORIGINATOR: Marty Asleson, Environmental Coordinator
MEETING DATE: August 28, 2019
REQUEST: Rehbein Stockpile at 7625 24th Ave
APPLICANT: Gerald Rehbein
OWNER: Same as above

BACKGROUND

The Rehbeins want to create a stockpile for topsoil and sell it as a commercial product.

SITE PLAN

Wetlands

Wetland delineation has been done and accepted by the RCWD. All wetlands on the site must be protected. The wetland on the south side of the parcel is classified as a mixed hardwood swamp, and as a quality wetland.

Floodplain

There is no flood plain on the property

Quality/Rare/Unique Features

There are no rare features on this site.

Tree Preservation

A tree preservation plan must be submitted.

Grading and Stormwater Management

There will be a continuous and ongoing soil disturbance on this property. It is uncertain if an NPDES permit is needed for the site. However; city ordinance requires a SWPPP with the entire NPDES rule issues addressed.

The owners must submit the name, phone number and certification/qualification information of the SWPPP manager for the site.

As a part of the SWPPP, a weekly and post rainfall inspection of the project areas must be conducted and corrections made and documented and submitted to the City within a few days following the report.

Long term management must include a plan to cover all stockpile areas not disturbed for 14 days to be covered. All stock pile areas must have perimeter control. The Rehbeins are proposing a 20 foot grassy buffer. A plan must be addressed for the cleanup of all tracking off the site. A rock entrance must be maintained in an efficient sediment removal configuration for the endurance of the soil stockpile activity.

Drain tile on the property that drains water from other parcels must be identified and protected. Drain tile from the northern property line drains wet areas on adjoining properties.

All soils brought on to the site if different than top soil as per MN Dot standards must be approved by the City Engineer.

RECOMMENDATION

Given the nature of the high quality wetlands to the South, and the lacking of an adequate SWPPP, in addition to many unanswered zoning concerns it is not recommended to go forward with this at this time.

ATTACHMENTS

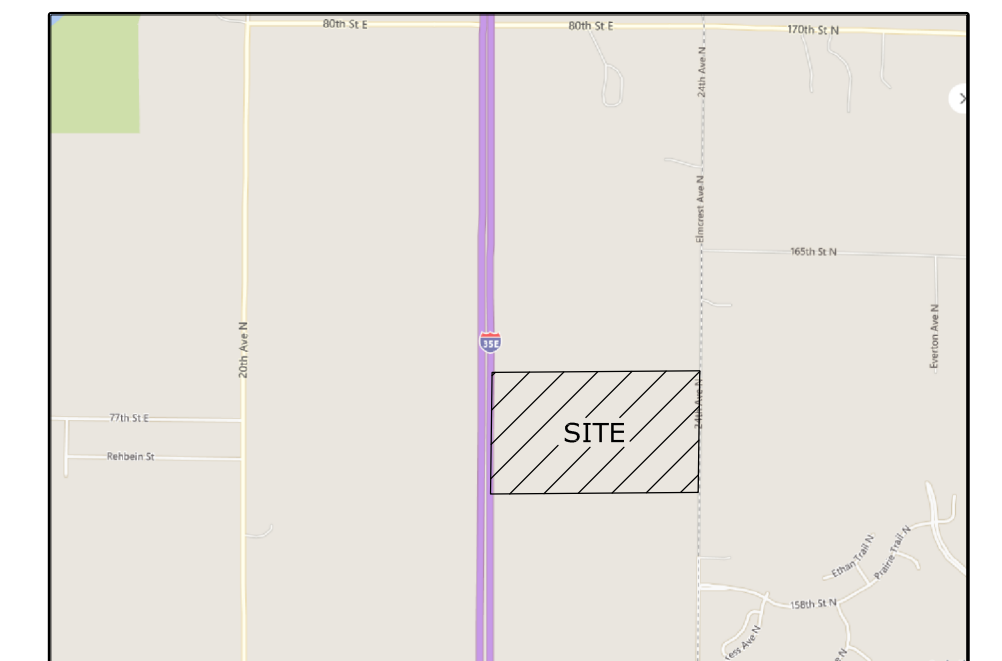
1. Site and Erosion Control Plan
2. Wetlands

SITE AND EROSION CONTROL PLAN

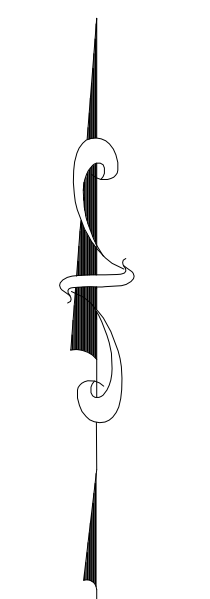
~for~ REHBEIN PROPERTIES
 ~of~ 7625 24TH AVENUE
 LINO LAKES, MN 55014

VICINITY MAP

PART OF SEC. 12 TWP. 31, RNG. 22

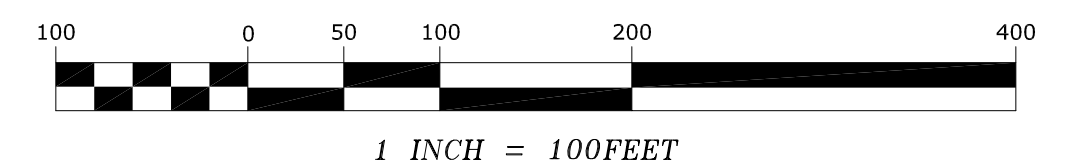


ANOKA COUNTY, MINNESOTA
 (NO SCALE)



NORTH

GRAPHIC SCALE



LEGEND

- DENOTES IRON MONUMENT FOUND AS LABELED
- DENOTES IRON MONUMENT SET, MARKED RLS# 41578
- ⊙ DENOTES ANOKA COUNTY CAST IRON MONUMENT
- ⊕ DENOTES BOLLARD
- ⊞ DENOTES ELECTRICAL BOX
- ⊞ DENOTES EXISTING SPOT ELEVATION
- ⊞ DENOTES GAS METER
- ⊞ DENOTES WOVEN WIRE FENCE
- ⊞ DENOTES LIDAR CONTOURS
- ⊞ DENOTES TREE LINE
- ⊞ DENOTES CONCRETE SURFACE
- WET DENOTES WETLAND LINE
- WB DENOTES 20 FOOT WETLAND BUFFER
- ⊞ DENOTES PROPOSED STOCK PILE CONTOURS

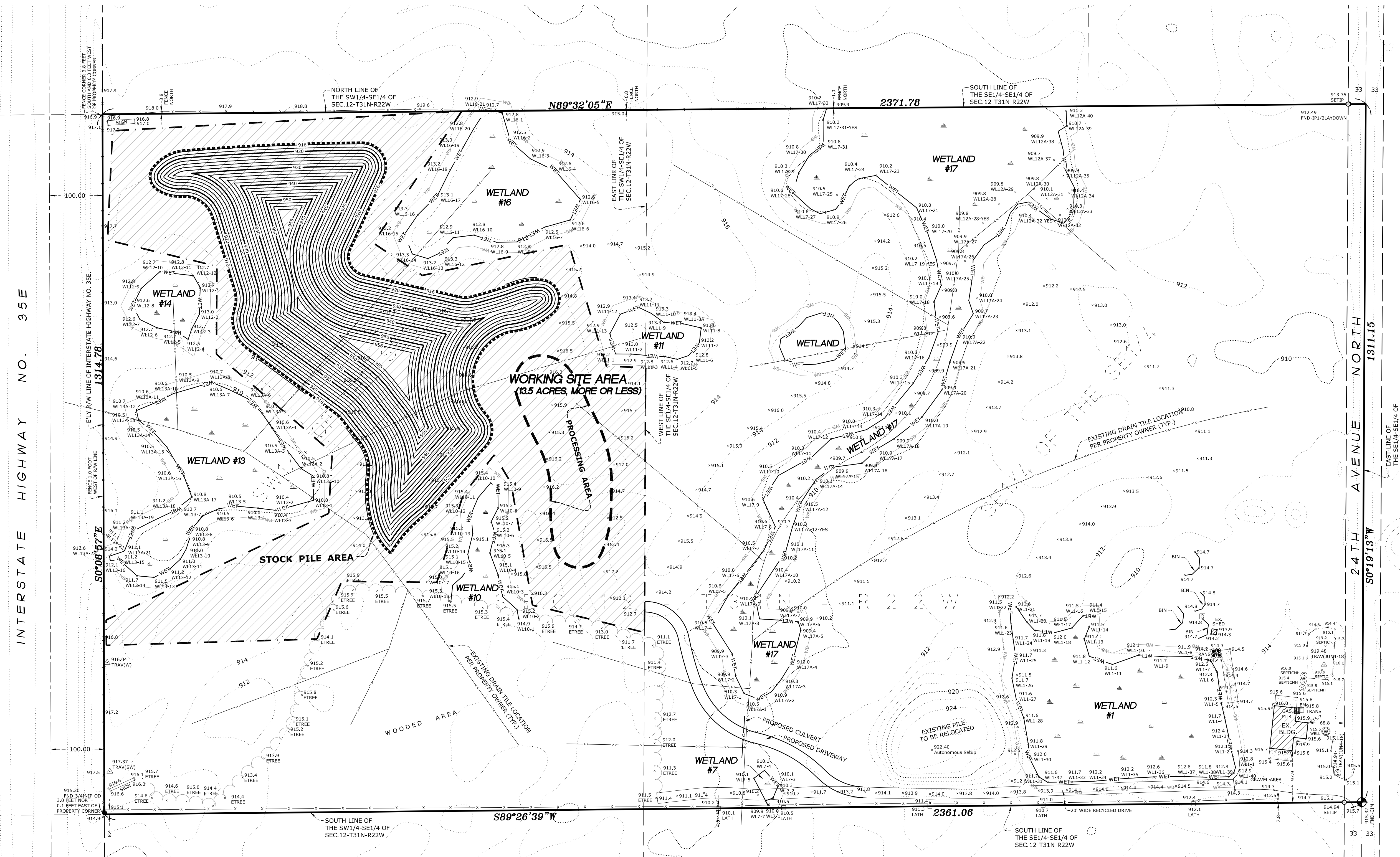
BENCHMARK

MNDOT STATION NAME: 0282F
 ELEVATION = 919.450 FEET (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.

Jason E. Rud
 JASON E. RUD
 Date: 08/14/19 License No. 41578

NO.	DATE	DESCRIPTION	BY
1	08/14/19	STOCKPILE CONTOURS / VOLUME	MMD
2			
3			



GRADING, DRAINAGE & EROSION CONTROL NOTES

- 1) 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 ALSO PROVIDE ROCK CONSTRUCTION ENTRANCE WHEREVER CONSTRUCTION TRAFFIC ENTERS ONTO EXISTING BITUMINOUS ROADWAYS.
- 2) 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."
- 3) 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.
- 4) IF ANY SLOPES APPEAR TO BE FAILING, THE CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL AS NEEDED.
- 5) THE CONTRACTOR SHALL FINAL GRADE SWALE AREAS UPON STABILIZATION OF UPSTREAM AREAS.
- 6) 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.
- 7) ALFALFA HAY TO BE PLANTED WITH IN 20 FOOT WETLAND BUFFER AREA.

PROPERTY DESCRIPTION

[DESCRIPTION PER ANOKA COUNTY TAX DESCRIPTION]

The Southeast Quarter of the Southeast Quarter of Section 12, Township 31 North, Range 22 West, Anoka County, Minnesota.

AND

That part of the Southwest Quarter of the Southeast Quarter of Section 12, Township 31 North, Range 22 West, Anoka County, Minnesota, lying easterly of the easterly right of way line of Interstate Highway No. 35E.

NOTES

- Field survey was completed by E.G. Rud and Sons, Inc. on 06/04/18.
- Wetlands located on 07/02/18.
- Bearings shown are on Anoka County Coordinate System.
- Parcel ID Numbers: 12-31-22-44-0001 and 12-31-22-43-0003.
- 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.
- Wetland delineation done by Kjolhaug Environmental Service Company in June 2018.

STOCKPILE VOLUME

TOTAL STOCKPILE VOLUME = 148,921 CU. YDS.

E.G. RUD & SONS, INC.
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 Lino Lakes, MN 55014
 Tel. (651) 361-8200 Fax (651) 361-8701

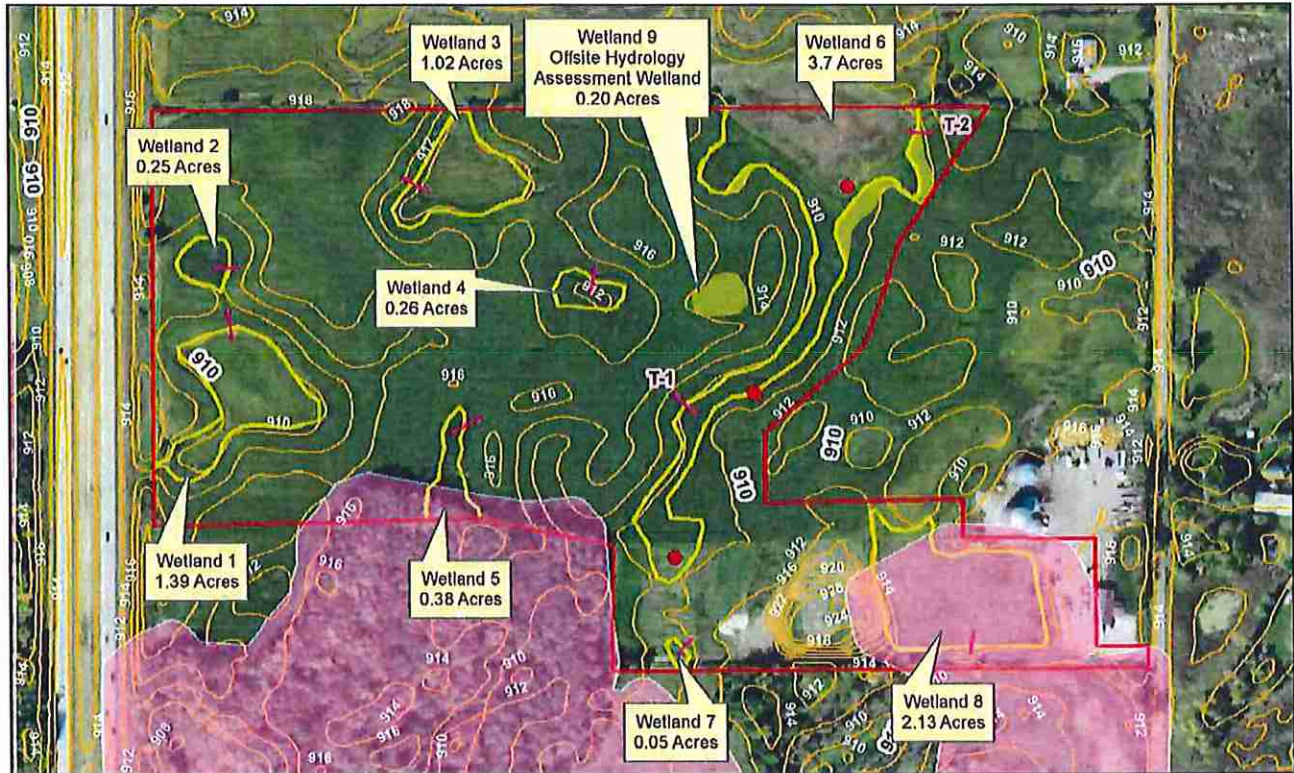


Figure 2 - Existing Conditions (2017 FSA Photo)

