

**City of Lino Lakes
Environmental Board Meeting**

**February 24, 2016
6:30 p.m.**

AGENDA

1. Call to Order
2. Approval of Agenda
3. Approval of Minutes
4. Open Mike
5. Action Items
 - A. Rice Lake Elementary Addition-575 Birch Street/Conditional Use Permit/Site Plan Review
6. Discussion Items
 - A. Recycling Updates
 - B. Other Updates
7. Adjourn

**CITY OF LINO LAKES
ENVIRONMENTAL BOARD MINUTES**

DATE	: January 27, 2016
TIME STARTED	: 6:31 P.M.
TIME ENDED	: 7:52 P.M.
MEMBERS PRESENT	: Steve Heiskary, Barbra Bor, Paula Andrzejewski, Liz Kaufenberg, Nancie Klebba, John Sullivan
MEMBERS ABSENT	: Alex Schwartz
STAFF PRESENT	: Marty Asleson, Aubrey Fonfara, Michael Grochala, Diane Hankee

1. CALL TO ORDER AND ROLL CALL:

Mr. Heiskary called the Lino Lakes Environmental Board meeting to order at 6:31 p.m. on January 27, 2016.

2. APPROVAL OF AGENDA

Ms. Bor made a MOTION to approve the agenda. Motion was seconded by Ms. Klebba. Motion carried 6-0.

3. APPROVAL OF MINUTES:

December 16, 2015

Ms. Kaufenberg mentioned that her name was missing from the Members Present portion in the December 16, 2015 Minutes.

Mr. Sullivan made a MOTION to approve the December 16, 2015 Meeting Minutes with the above change. Motion was seconded by Ms. Andrzejewski. Motion carried 6 - 0.

4. OPEN MIKE

Mr.Heiskary declared Open Mike at 6:32 p.m. No one present - closed at 6:33pm

5. ACTION ITEMS

A. Northeast Drainage Area Study

DRAFT MINUTES

Katy Thompson from WSB & Associates presented the NorthEast Drainage Area Study. The surface water in the Northeast area of Lino Lakes is landlocked inhibiting site improvements within this area.

The NE Area Drainage feasibility study models the drainage for 1400+ acres of land on the east and west sides of I-35E and north of Main Street.

The preferred alternative includes a new outlet to Peltier Lake, a new culvert crossing under I-35E (replacing the 8" & 12" drain tiles), storm sewer along the proposed Otter Lake Trail extension and regional ponding facilities to detain peak storm flows to prevent increasing the flood levels on Peltier Lake.

The draft feasibility study has been completed and is currently under review by City Staff.

Ms. Bor stated that the information presented to the Environmental Board should have information on the quality of the water that will be flowing into Peliter Lake. Also will the ditches be open or closed.

Ms. Thompson stated that they will work with the developers but the city does prefer open ditches. Also have both automaticed and manually gates to control the flow of water.

Mr. Heiskary mentioned that water load would be greater moving more water efficently through the system that as of right now is insufficient. Without some numbers the water quality is hard to see.

Ms. Bor stated that she wonder what funds will be used for this work, is it City, County, or Rice Creek Watershed.

Mr. Grochala said still working on the funding of this project but typically the funds would come out of the storm water management fund. It is a development driven fund. The city currently charges a fee per square foot to the developer . A portion of this fee would be going into the surface water management fund and City trunk water system fund.

Ms.Bor suggested that the Environmental Board be invited to the next meeting on this development for informational purpose.

Mr. Sullivan mentioned that this was a non-action item and can see no problems with this item.

No vote was taken, it was informational only. The board also voiced that more information is needed about this project.

B. Mattamy Storm Water Reuse and Irrigation System

Erin Heydinger from WSB presented the feasibility study for stormwater reuse in the proposed 400 acre residential Mattamy Homes Development.

The option that is recommended includes irrigation of townhomes, park and public spaces. Funding for the project is proposed through development fees generated from surface water management fees and City trunk water system funds.

This would be using storm water to irrigate not ground water. It is estimated that 40% of the City's water goes towards irrigation. The North and East Metro Groundwater Management District is asking all city's in the northeast metro to try and reduce their water usage by 17% and the DNR is looking into giving the city some kind of credit if they go beyond this using water conservation initiatives.

Ms. Bor would like to look over this information and any questions from the board should be directed to Mr. Goncela.

C. Environmental Board Goals 2016 and 20/20 Environmental Statements

Mr. Asleson presented the goals for the 2016 and if approved he will let the Environmental Board know when it will be presented to the City Council so that the board can attend that meeting.

Mr. Sullivan questioned which business would be mandated to recycle.

Ms. Fonfara said that most if not all business in Lino Lakes will be recycling.

Ms. Bor MOTIONED to accept the board's goals. Motioned was seconded by Ms. Andrzejewski. Motioned carried 6 – 0.

6. DISCUSSION ITEMS

A. YouTube Use for Public Relations

Not discussed. Mr. Schwartz was absent.

B. Rookery – Task Force Update/Camera Surveillance

Mr. Asleson is looking into a grant for cameras to observe the rookery. He is in the first steps of looking into grants and qualifications.

Ms. Bor and Ms. Klebba both would like to go out and flash the trees again. So let's pick a day to go out and flash the trees.

Mr. Asleson said there is money to buy flashing for the trees. The day to visit the island has to be before March 17 and when the soil is not soft.

Ms. Kaufenberg would like to know more of the history of the rookery. She was directed towards the rookery website.

Mr. Heiskary said no vote needed but let's pick a date and inform the board to get everyone out to help.

C. Recycling Updates

In addition to Bridging we will also be working with St. Vincent De Paul to maximize our reuse of furniture in good condition.

Ms. Fonfara mentioned the prices for recycling will be going up and the new prices will be advertised.

Before the meeting tonight the awards were given out to the winners of the Art and Essay contest.

D. EAB Update

Mr. Asleson mentioned that Lino Lakes is surrounded by Emerald Ash Borer. Shoreview is using an arbor jet injection.

The City has removed and replaces ash trees in some neighborhood boulevards and would like to see that in 2017 the budget be increased.

Mr. Asleson would like to present the findings to the city council.

7. ADJOURNMENT

Ms. Andrzejewski made a MOTION to adjourn the meeting at 7:52 p.m. Motion was seconded by Ms. Kaufenberg and Ms. Klebba. Motion carried 6 – 0.

Respectfully submitted,
Mary Fogarty
Office Tech

ENVIRONMENTAL BOARD AGENDA ITEM 5A

STAFF ORIGINATOR: Marty Asleson, Environmental Coordinator

MEETING DATE: February 24, 2016

REQUEST: Rice Lake Elementary Addition-575 Birch Street/Conditional Use Permit/Site Plan Review

APPLICANT: Centennial School District #12
4707 North Road
Circle Pines, MN. 55014

OWNER: Same

BACKGROUND

Rice Lake Elementary School is proposing a 17,064 square foot addition on the southeast corner of the existing building for early childhood education. The school currently houses early childhood family education and early childhood special education; however, they are in need of additional space. The property address is 575 Birch Street. See Overall Site Plan attachment.

The Environmental Board reviewed the site plan for Rice Lake Elementary when the school was built. This environmental review is a quick look at a 1700 foot addition on the SW side of the building for Early Childhood Education, as it relates to specific site construction, and landscape issues.

ANALYSIS

The property is currently zoned PSP, Public and Semi-Public and allows for schools (public and private) with a conditional use permit. Any change involving a structural enlargement of the facility requires an amendment to the conditional use permit. The school is considered to have an existing conditional use permit because it was constructed prior to the ordinance update in July 1997.

The property to the north is zoned PSP, Public and Semi-Public and is guided for park and open space. The property is part of the Anoka County Rice Creek Chain of Lakes Park Reserve. The properties to the west, east and south are zoned and guided for single family residential development. Single family homes exist in the surrounding neighborhood.

Since the proposed addition is simply adding on to an existing building, and it is preexisting CUP, it maintains the performance standards for Natural Resources Management System Plan as it existed in 1997. There are exceptions. New surface water management rules require providing treatment for the 1.1 inch rainfall event on impervious surfaces. Maintenance agreements for surface water pond/infiltration areas constructed, and tree replacement requirements.

The School is proposing to provide treatment for surface water by expanding the rain garden area to the west. An attached Landscape Plan show the location and planting design for this rain garden expansion.

The school is proposing to remove 7 existing trees. See Demolition Plan attachment. The school district is proposing to sod pervious areas around the new addition (Landscape Plan).

Site-Plan/Landscaping

The detail sheets for the proposed school addition show the following:

1. Sod is proposed for the pervious area groundcover around the building. **Recommendation;** the sod area must be irrigated.
2. There are 7 trees proposed for removal. **Recommendation;** replace these trees with a species of tree acceptable to the city. Suggested new tree planting site in the green area to the South and East of the site.
3. Planting materials proposed for the expanded infiltration pond are appropriate for the site. **Recommendation; approve planting plan for the pond with Environmental Board changes if desired.**

Surface Water

Recommendation; A joint stormwater maintenance agreement must be executed by the Rice Creek Watershed and the City of Lino Lakes for the rain garden/infiltration pond. Informational signage should be provided around the pond.

Erosion control

Recommendation; A stormwater management plan must be submitted and accepted by the city. Particular attention should be paid to preventing construction site pollution of Rice Lake.

Lighting

The Environmental Board has consistently recommended conformance to the minimum standards for light intensity, no-glare, downward focused lighting for sites. In particular, this was an Environmental Board recommendation in the 1997 plan for Rice Lake

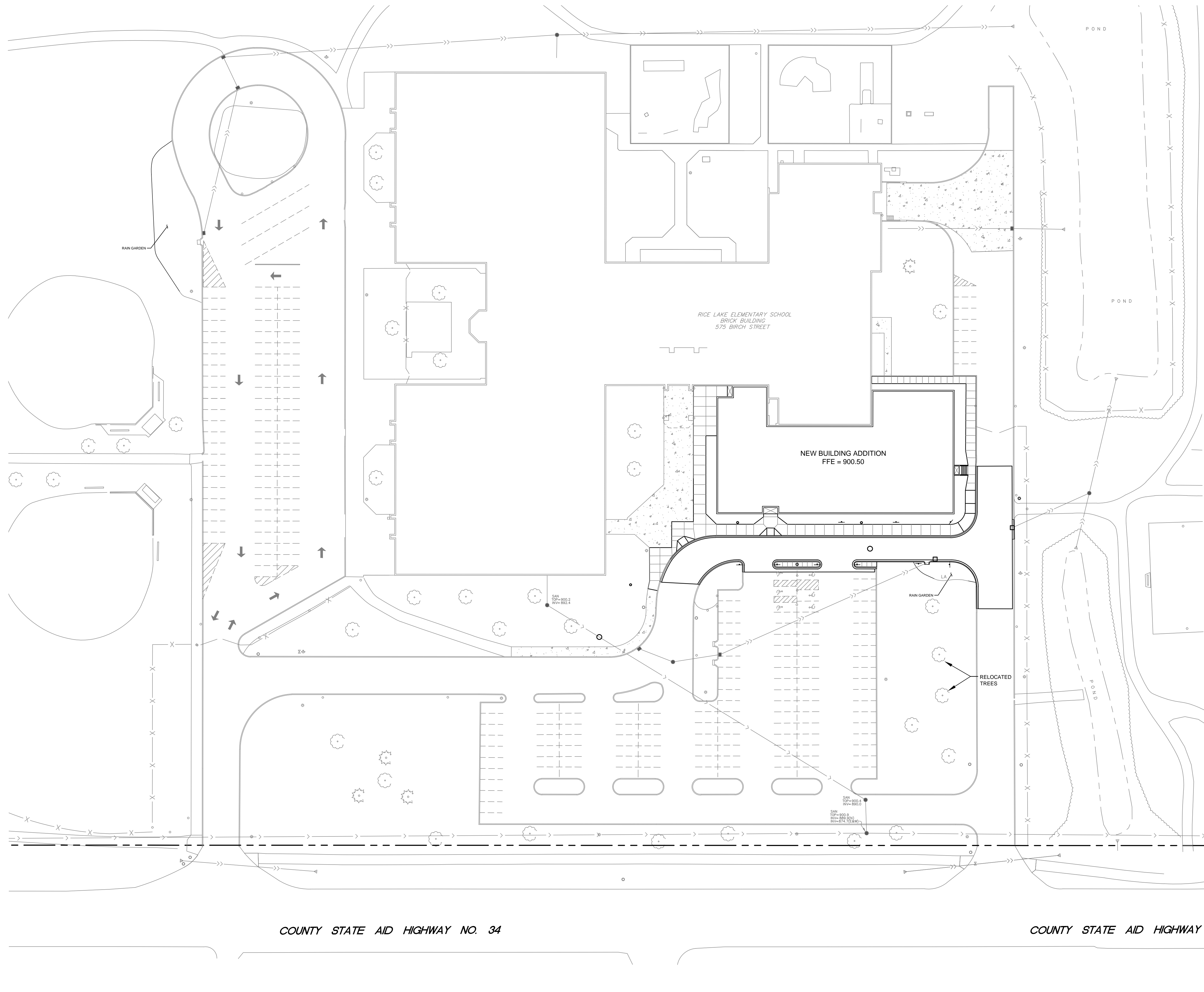
Elementary. The attached Lighting Plan demonstrates the type of lighting you have recommended, as well as no-spill on to adjacent properties.

RECOMMENDATION

Staff recommends approval of the CUP site plan with staff and Environmental Board recommendations.

ATTACHMENTS

1. Overall Site Plan
2. Landscape Plan
3. Demolition Plan
4. Lighting Plan



TOTAL PARKING STALL COUNT = 200
 TOTAL STALL COUNT REQUIRED BY CITY CODE = 143
 EXISTING IMPERVIOUS = 7.39 ACRES
 EXISTING PERVIOUS = 46.78 ACRES
 PROPOSED NEW IMPERVIOUS = 0.35 ACRES

9 TREES ARE BEING REMOVED.
 2 OF THOSE TREES HAVE ALREADY BEEN RELOCATED BY THE SCHOOL, THE LOCATES ARE SHOWN ON THE OVERALL SITE PLAN.

Larson Engineering, Inc.
 3524 Labore Road
 White Bear Lake, MN 55110
 651.481.9120 (f) 651.481.9201
 www.larsonengr.com

MADISON, WI
 MILWAUKEE, WI
 MINNEAPOLIS, MN

© 2015 Larson Engineering, Inc. All rights reserved.

Client: **CENTENNIAL SCHOOLS**
I. S. D. #12
 4707 NORTH ROAD
 CIRCLE PINES, MN 55014

Project Title: **RICE LAKE ELEMENTARY**
575 BIRCH STREET
LINO LAKES, MN 55014

I hereby certify that this plan, specifications 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.

First M. Last, P.E.
 Date: Reg. No.: XXXXX

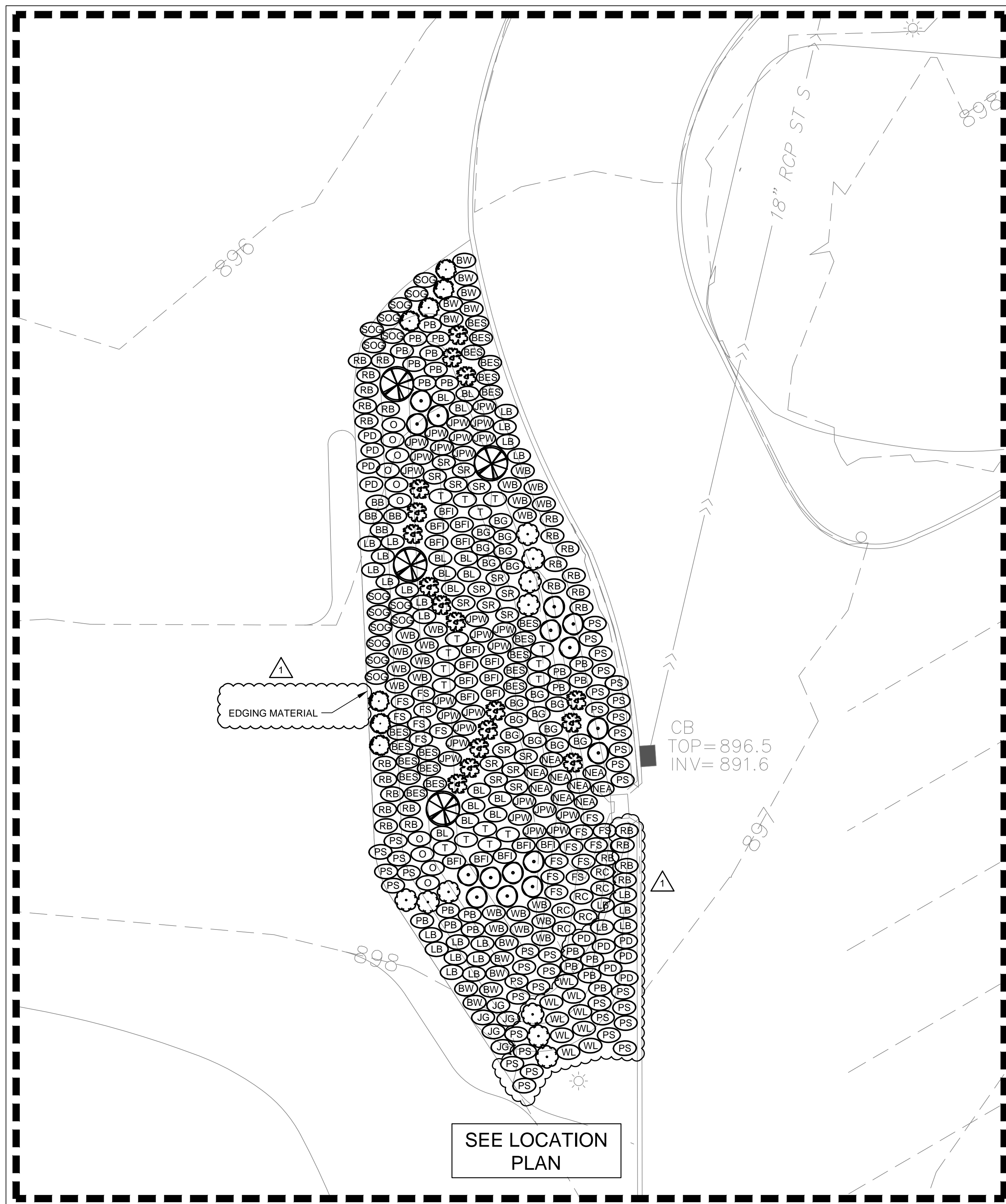
Rev.	Date	Description

Project #: 12156103.000
 Drawn By: JAN
 Checked By:
 Issue Date: 1.8.16
 Sheet Title:

OVERALL SITE PLAN

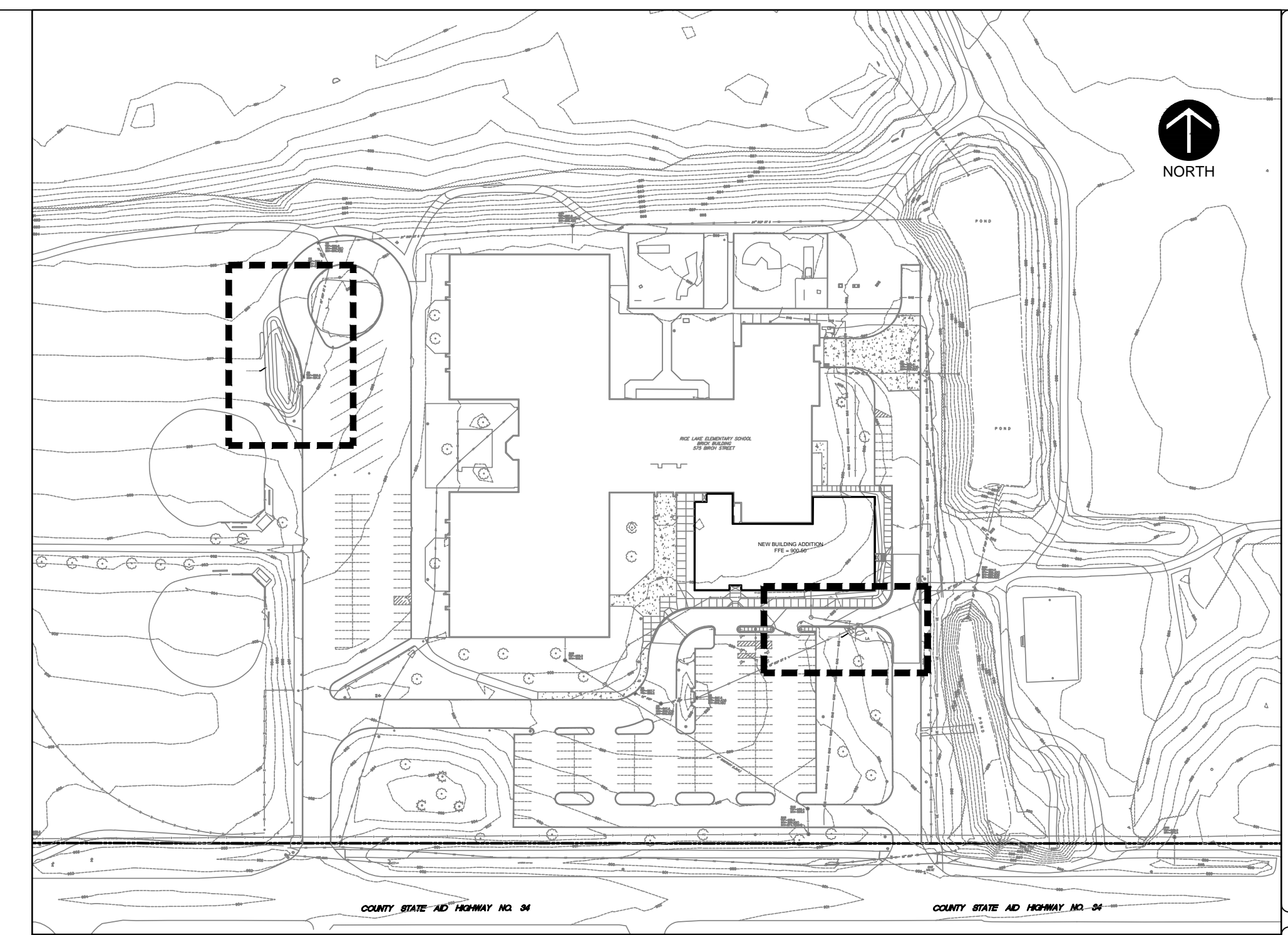
A

Sheet: 1 of 1



LANDSCAPING NOTES

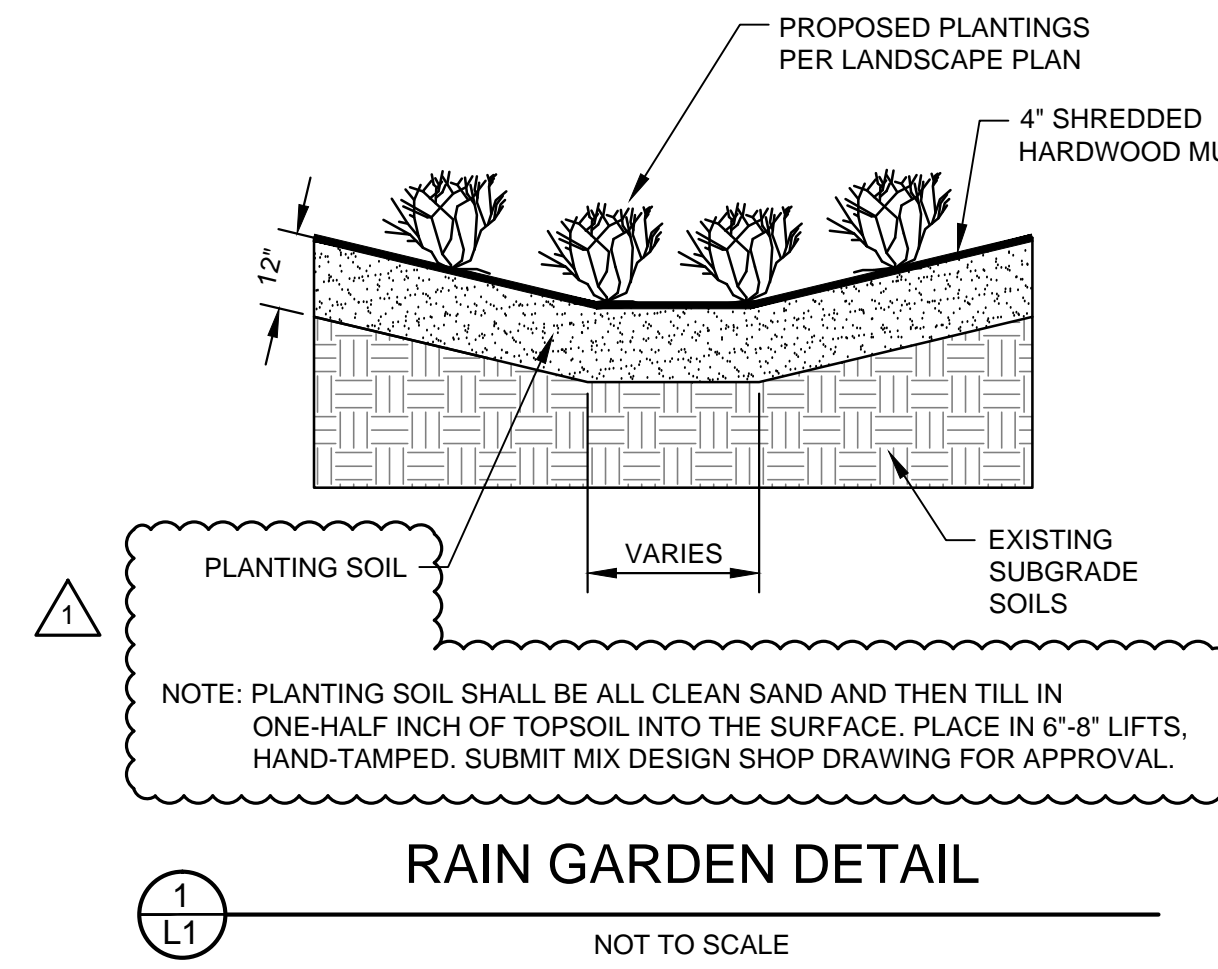
1. CONTACT GOPHER STATE ONE-CALL PRIOR TO WORK.
2. PROTECT ALL EXISTING UTILITIES FROM DAMAGE.
3. LIMIT NON-TRACKED EQUIPMENT OVER INFILTRATION AREA.
4. LOOSEN SUBSOILS AFTER EXCAVATION, PRIOR TO ADDING COMPOST AMENDMENTS TO A DEPTH OF 12".
5. REPLACE OR REPAIR ANY PRIVATE UNDERGROUND SPRINKLER LINES OR HEADS DISTURBED DURING CONSTRUCTION.
6. REPAIR ALL AREAS OF DISTURBED SOD AFFECTED DURING CONSTRUCTION.
7. THE PLANT TYPE SYMBOLS SHOWN ON THE PLAN SHOW THE GENERAL LOCATION FOR THE PLACEMENT OF THE PLANT. THE EXACT NUMBER OF PLANTS SHALL BE DETERMINED TO PROVIDE A FULL LOOK FOR TYPICAL RAIN GARDENS.



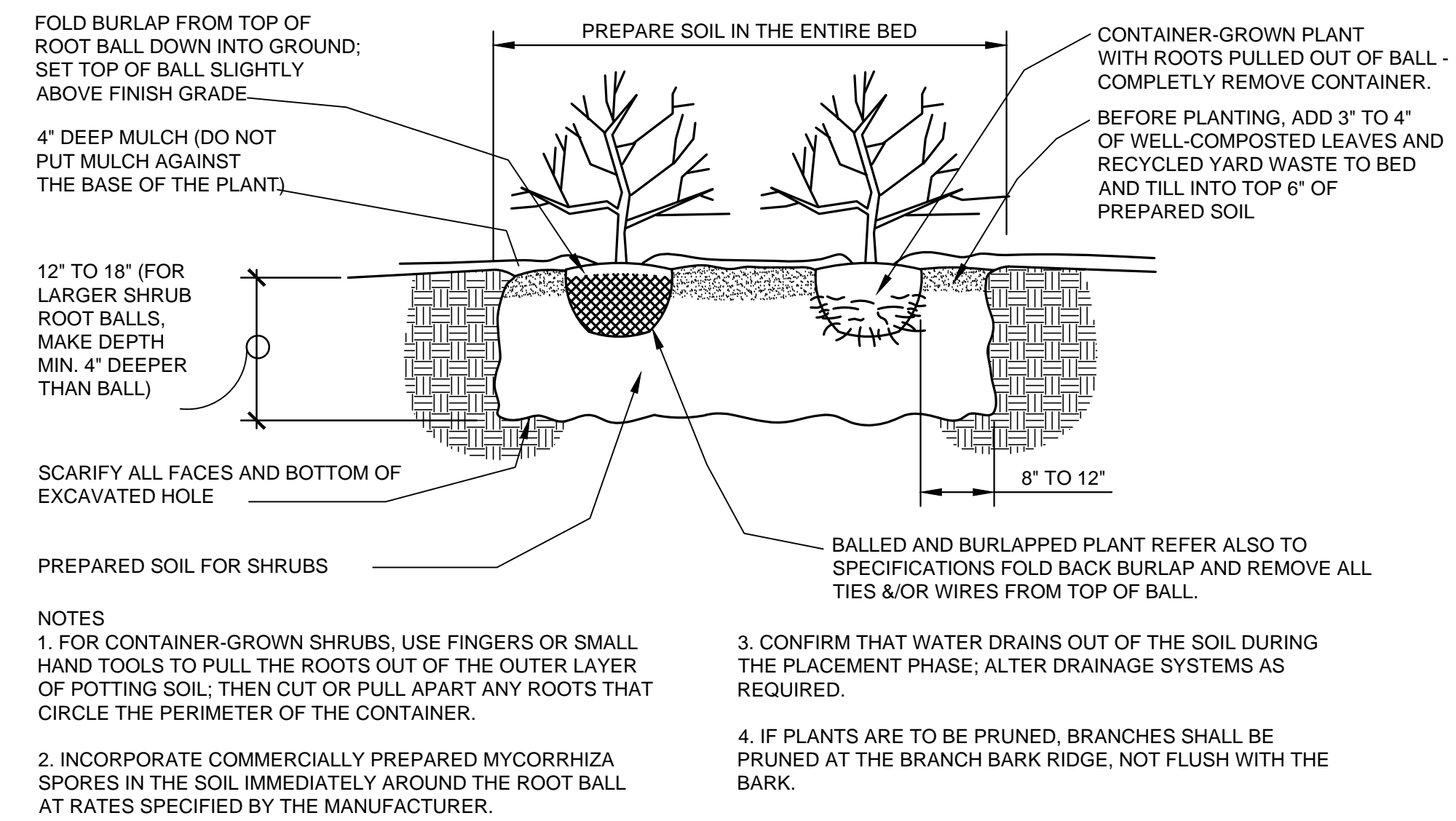
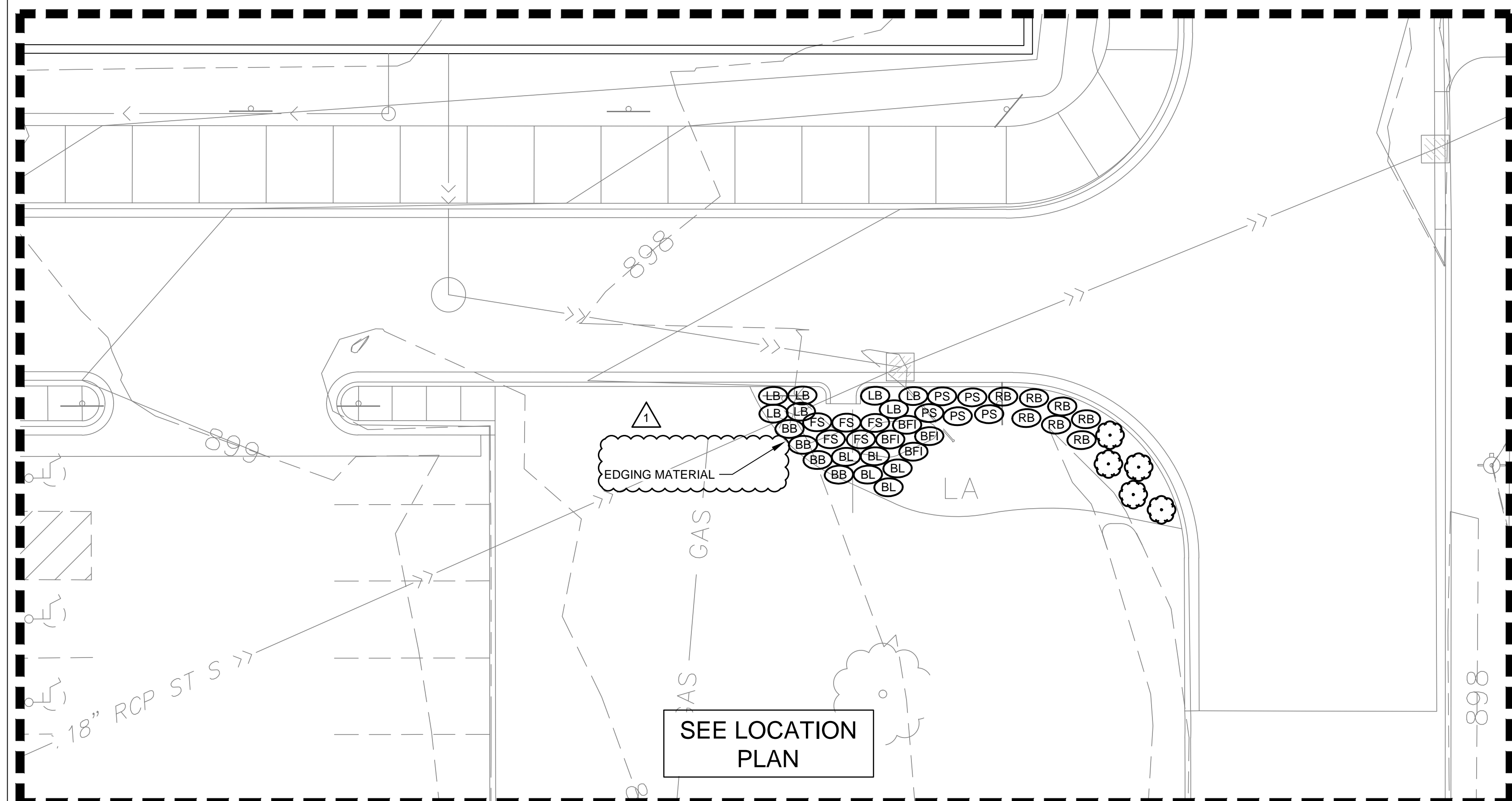
LOCATION PLAN
NOT TO SCALE

LEGEND

COMMON NAME	SCIENTIFIC NAME
PS	Geum triflorum
RB	Liatris aspera
LD	Schizachyrium scoparium
SO	Bouteloua curtipendula
BW	Asclepias tuberosa
PR	Liatris pycnostachya
BB	Andropogon gerardii
O	Helopsis helianthoides
WB	Monarda fistulosa
PD	Sporobolus heterolepis
RC	Aquilegia canadensis
BE	Gentiana andrewsii
BES	Rudbeckia subtomentosa
WL	Lupinus perennis
SR	Juncus effusus
NEA	Aster novae-angliae
T	Chelone glabra
BL	Lobelia siphilitica
BI	Iris versicolor
FS	Carex vulpinoidea
JPW	Eupatorium maculatum
JS	Koeleria macrantha
Black Chokeberry	Aronia melanocarpa
Compact American Cranberry	Viburnum trilobum 'Bailey's Compact'
Isanti Dogwood	Cornus sericea 'Isanti'
Dwarbush Honeysuckle	Diervilla lonicera
White Wild Indigo	Baptisia lactea



RAIN GARDEN DETAIL
NOT TO SCALE

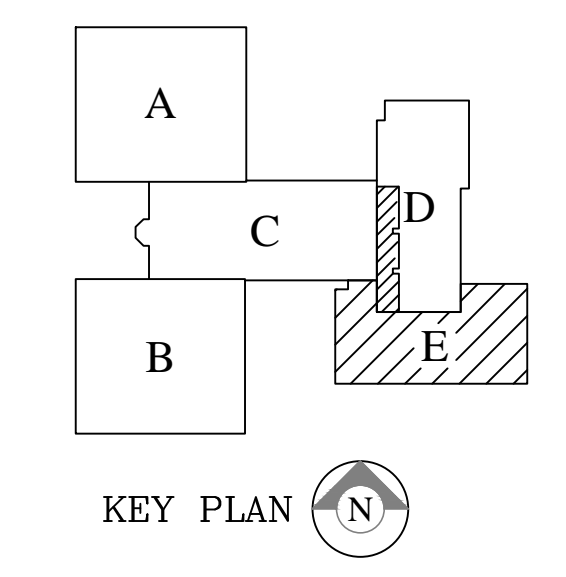


SHRUB PLANTING
NOT TO SCALE

NEXUS SOLUTIONS
MADISON, WI
MILWAUKEE, WI
MINNEAPOLIS, MN
THIS DRAWING IS PROPERTY OF NEXUS SOLUTIONS, LLC. USE OR REPRODUCTION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

Larson Engineering, Inc.
3524 Labore Road
White Bear Lake, MN 55110
651.481.9120 (F) 651.481.9201
www.larsonengr.com

© 2015 Larson Engineering, Inc. All rights reserved.



CENTENNIAL PUBLIC SCHOOLS - ISD #12
RICE LAKE ELEMENTARY SCHOOL
2016 BUILDING ADDITION
BID PACKAGE 17
575 BIRCH STREET
LINO LAKES, MN 55014

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A QUALIFIED LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
PRINTED NAME: Matt Woodruff, P.E.
SIGNATURE: *Matt Woodruff*
DATE: 11/2/15 REG. NO. 41885

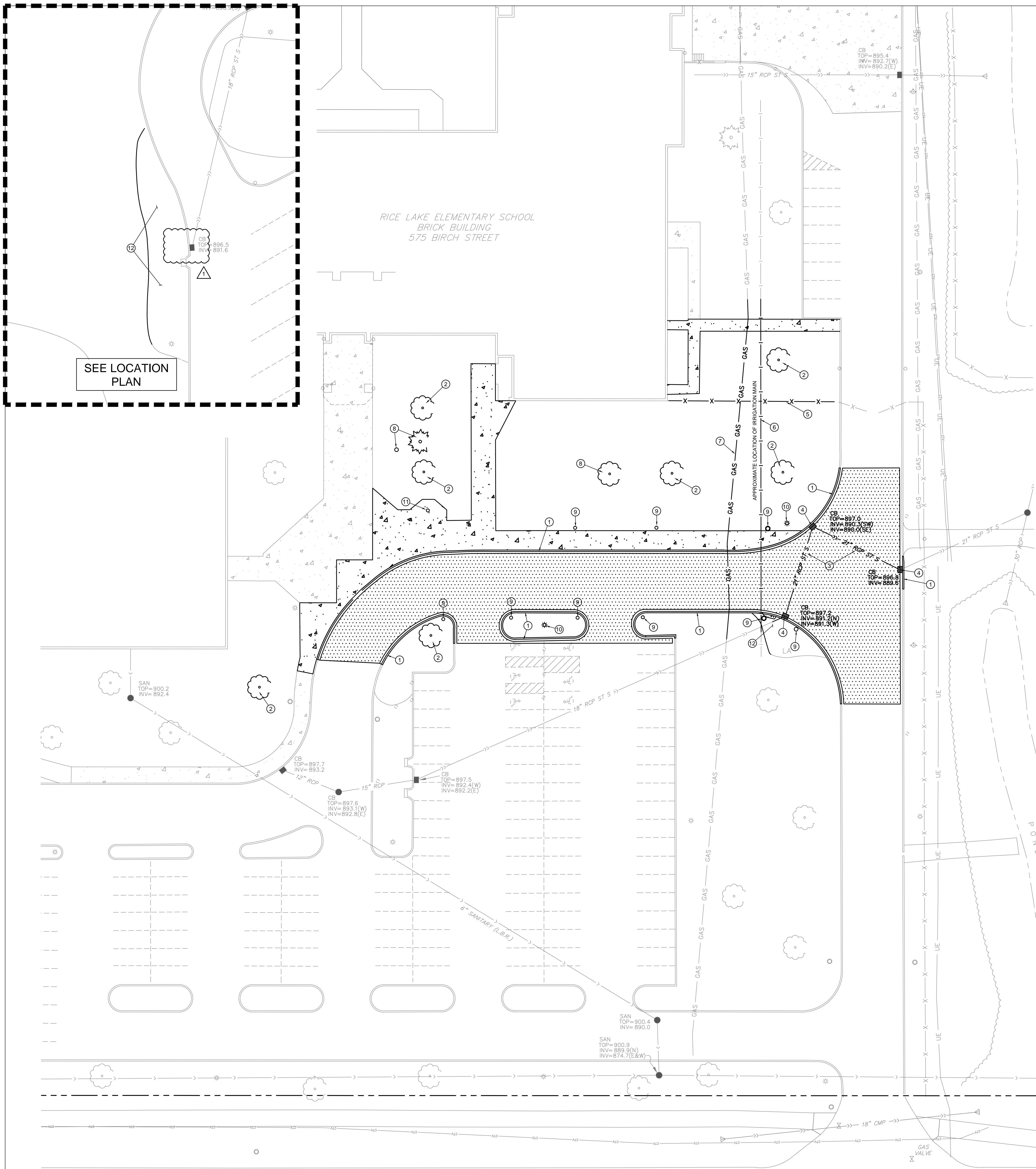
Date	Revision Description
11/24/15	1 - Addendum #1

CONSTRUCTION DRAWINGS

DATE	11-2-2015	PROJECT #	12156103
DRAWN BY	JAN	CHECKED BY	MJW

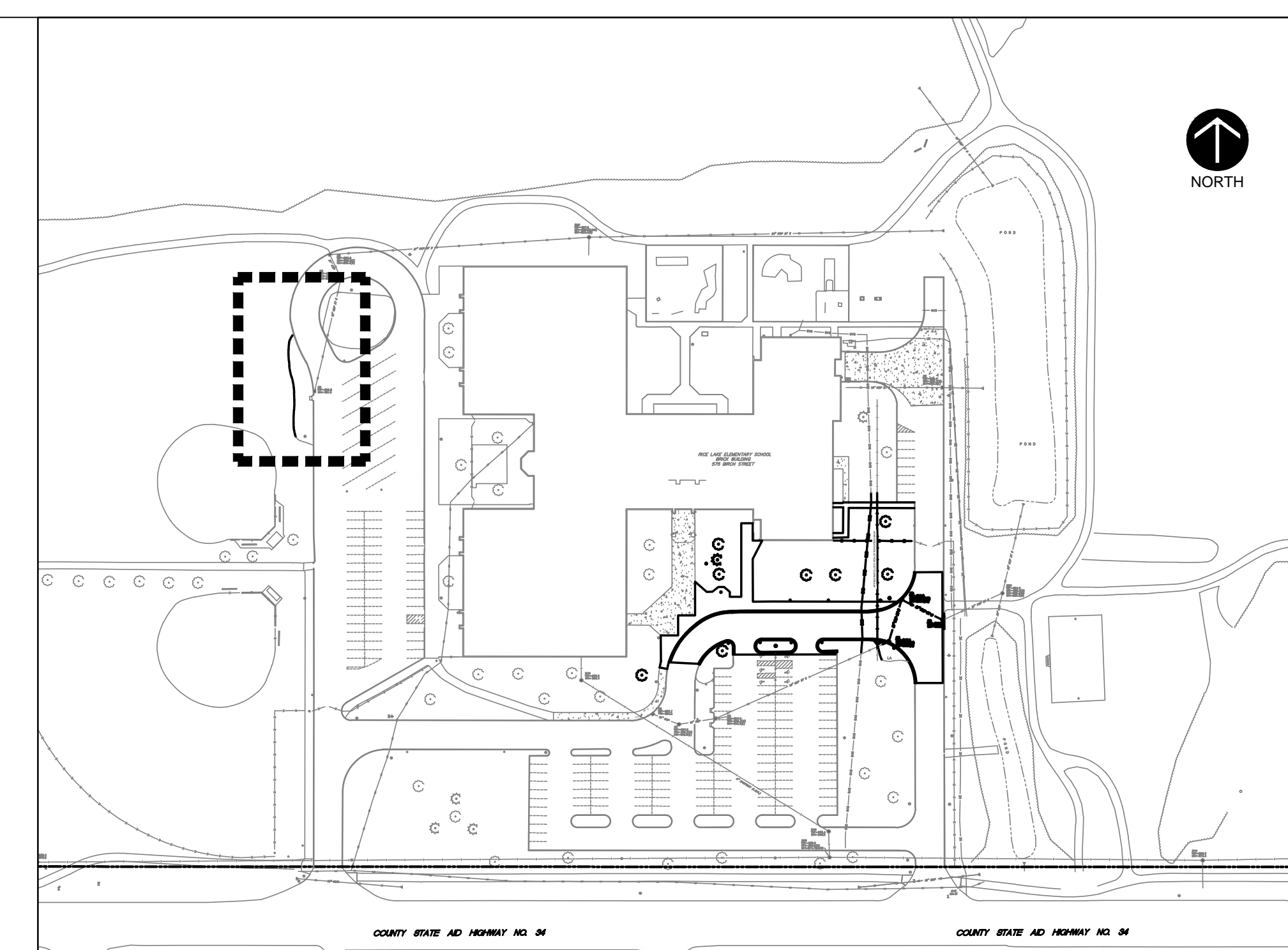
DRAWING TITLE
LANDSCAPE PLAN

DRAWING NUMBER
L1
RLES
© Nexus Solutions, LLC



SEE LOCATION PLAN

RICE LAKE ELEMENTARY SCHOOL
BRICK BUILDING
575 BIRCH STREET



LOCATION PLAN
NOT TO SCALE

SYMBOL LEGEND

- REMOVE AND DISPOSE OF EXISTING BITUMINOUS PAVEMENT SECTION
- REMOVE AND DISPOSE OF EXISTING CONCRETE PAVEMENT SECTION

KEY NOTES

- 1 SAWCUT, REMOVE, AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER.
- 2 REMOVE AND DISPOSE EXISTING TREE, STUMP, AND ALL ROOTS.
- 3 REMOVE AND DISPOSE OF EXISTING STORM SEWER PIPE.
- 4 REMOVE AND DISPOSE OF EXISTING STORM SEWER STRUCTURE.
- 5 REMOVE AND DISPOSE OF EXISTING FENCING.
- 6 REMOVE AND DISPOSE OF EXISTING IRRIGATION. COORDINATE RELOCATION OF IRRIGATION SYSTEM WITH OWNER'S VENDOR.
- 7 REMOVE AND RELOCATE EXISTING GAS LINE. COORDINATE WITH GAS COMPANY.
- 8 SPADE AND RELOCATE EXISTING TREE. NEW LOCATION WILL BE DETERMINED BY THE SCHOOL. SALVAGE MONUMENT POST AND RELOCATE WITH TREE.
- 9 REMOVE AND SALVAGE EXISTING SIGN. REINSTALL AFTER CONSTRUCTION.
- 10 REMOVE AND SALVAGE EXISTING LIGHT POLE. COORDINATE WITH ELECTRICAL.
- 11 REMOVE AND SALVAGE EXISTING FLAG POLE.
- 12 REMOVE AND DISPOSE OF EXISTING PLANTS IN THE AREAS OF PROPOSED GRADING.

DEMOLITION NOTES

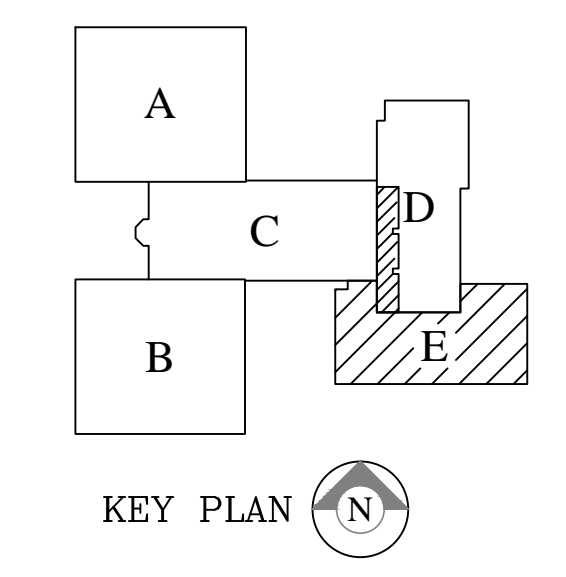
1. Verify all existing utility locations.
2. It is the responsibility of the Contractor to perform or coordinate all necessary utility demotions and relocations from existing utility locations to all onsite amenities and buildings. These connections include, but are not limited to, water, sanitary sewer, cable tv, telephone, gas, electric, site lighting, etc.
3. Prior to beginning work, contact Gopher State OneCall (651-454-0002) to locate utilities throughout the area under construction. The Contractor shall retain the services of a private utility locator to locate the private utilities.
4. Sawcut along edges of pavements, sidewalks, and curbs to remain.
5. All construction shall be performed in accordance with state and local standard specifications for construction.

NEXUS SOLUTIONS
MADISON, WI
MILWAUKEE, WI
MINNEAPOLIS, MN

THIS DRAWING IS PROPERTY OF NEXUS SOLUTIONS, LLC. USE OR REPRODUCTION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

Larson Engineering, Inc.
3524 Labore Road
White Bear Lake, MN 55110
651.481.9120 (F) 651.481.9201
www.larsonengr.com

© 2015 Larson Engineering, Inc. All rights reserved.



CENTENNIAL PUBLIC SCHOOLS - ISD #12
RICE LAKE ELEMENTARY SCHOOL
2016 BUILDING ADDITION

BID PACKAGE 17
575 BIRCH STREET
LINO LAKES, MN 55014

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.

PRINTED NAME: Matt Woodruff, P.E.
SIGNATURE: Matt Woodruff
DATE: 11/2/15 REG. NO. 41885

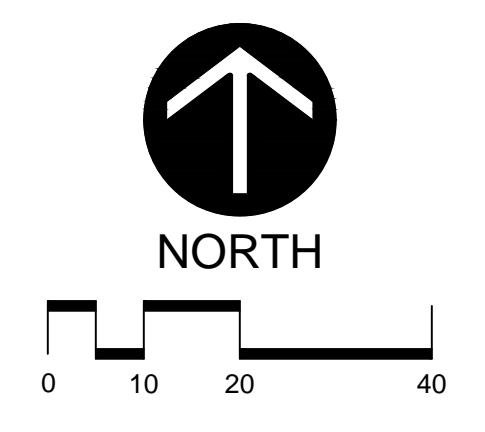
Date	Revision Description
11/24/15	1 - Addendum #1

CONSTRUCTION DRAWINGS

DATE	PROJECT #	PROJECT #
11-2-2015	12156103	12156103
DRAWN BY	JAN	CHECKED BY

DRAWING TITLE
DEMOLITION PLAN

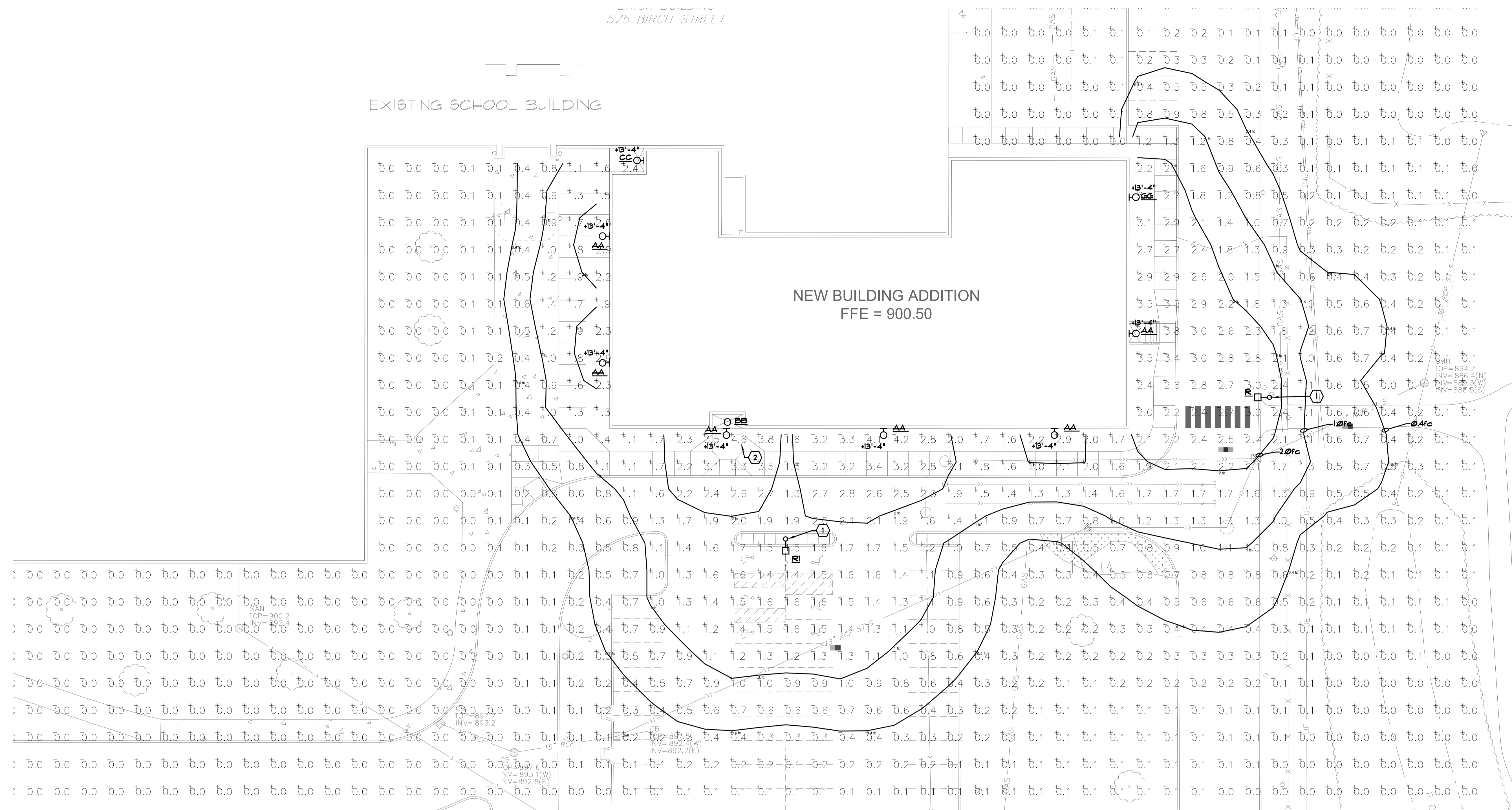
DRAWING NUMBER
C1
RLES
© Nexus Solutions, LLC



575 BIRCH STREET

EXISTING SCHOOL BUILDING

NEW BUILDING ADDITION
FFE = 900.50



SPECIFIC NOTES:

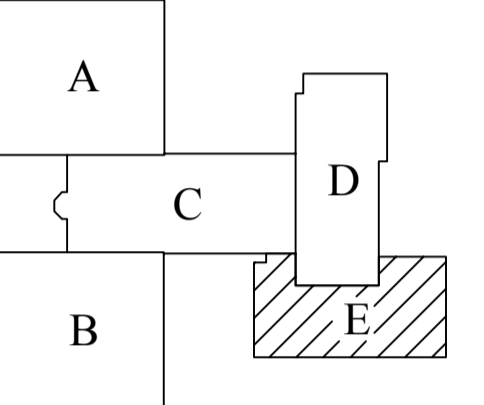
- ① NEW LOCATION OF EXISTING POLE AND FIXTURE. ORIENT AS SHOWN. PROVIDE NEW CONCRETE BASE PER DETAIL 3/E100.
- ② MAXIMUM CALCULATION POINT.



5501 Full Road, Menomonie, WI 54751
Phone (715) 235-3222 Fax (715) 235-3223

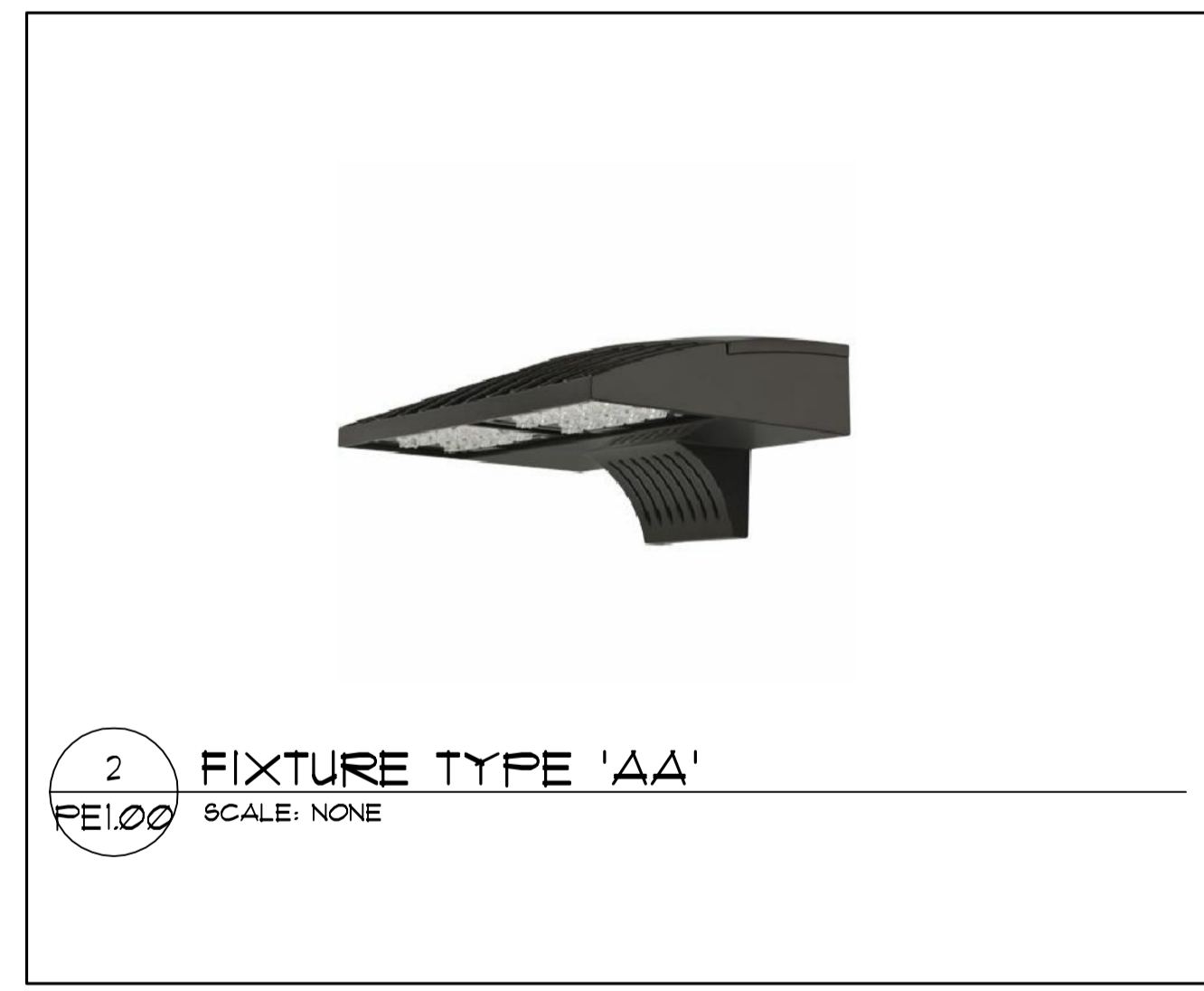


Wunderlich-Malec
Engineering | Systems | Services
5501 Full Road, Menomonie, WI 54751
Phone (715) 235-3222 Fax (715) 235-3223



KEY PLAN

1 AREA 'E' EXPANSION SITE PHOTOMETRIC PLAN
SCALE: 1" = 20'-0"



2 FIXTURE TYPE 'AA'
SCALE: NONE



3 FIXTURE TYPE 'BB'
SCALE: NONE



4 FIXTURE TYPE 'CC'
SCALE: NONE



5 FIXTURE TYPE 'GG'
SCALE: NONE



6 FIXTURE TYPE 'R'R'
SCALE: NONE

CENTENNIAL PUBLIC SCHOOLS - ISD #12
RICE LAKE ELEMENTARY SCHOOL
2016 BUILDING ADDITION
BID PACKAGE 17
575 BIRCH STREET
LINO LAKES, MN 55014

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A QUALIFIED LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
PRINTED NAME: Neal K. Wunderlich
SIGNATURE: *Neal K. Wunderlich*
DATE: 11/2/15 REG. NO. 14878

Date	Revision Description

CONSTRUCTION DRAWINGS

DATE 11-2-2015	PROJECT # 1115042
DRAWN BY WME	CHECKED BY JRO

DRAWING TITLE
**PARTIAL SITE
PHOTOMETRIC PLAN**

DRAWING NUMBER
PE1.00
RLES
© Nexus Solutions, LLC