

APPLICATION FOR PERMIT FOR INSTALLATION OF UTILITIES OR PLACING OBSTRUCTIONS ON THE COUNTY HIGHWAY SYSTEM  
ALL APPLICANTS MUST BE REGISTERED PRIOR TO PERMIT APPROVAL

APPLICANT NAME

Andrew Mack with ALDI

CONTACT PERSON

Andrew Mack or Aaron Skelly

ADDRESS

4201 Bagley Ave N

CITY

Faribault

PHONE NUMBER

507-333-9460 x. 123

EMAIL

andrew.mack@aldi.us

COMPANY OR INDIVIDUAL PERFORMING WORK

Steiner Construction

CONTACT PERSON

Jim Washleski

EMAIL

jwashleski@steinerccs.com

PHONE NUMBER

952-767-3000

PERMIT WORK TO START

09/02/2025

PERMIT WORK TO BE COMPLETED

12/12/2025

DURATION OF JOB

Fall 2025 Site Construction

ARE YOU BEING ASKED TO RELOCATE DUE TO A COUNTY PROJECT?

No

ANOKA COUNTY PROJECT NUMBER

WORK SITE ADDRESS

7085 Otter Lake Rd

CITY

Lino Lakes

METHOD OF INSTALLATION/CONSTRUCTION

Site work/grading

NATURE OF WORK

Minor sidewalk, landscaping and curb cut repairs

Per approved plans on file at ACHD.

SURFACE TO BE DISTURBED

DITCH/BLVD


GRAVEL


☒ BITUMINOUS

CONCRETE

NONE

SITE PLAN





IF THE ROADWAY IS ENCROACHED, YOU MUST ATTACH A TRAFFIC CONTROL PLAN AND/OR REFERENCE THE MOST CURRENT VERSION OF THE MN TEMPORARY TRAFFIC CONTROL FIELD MANUAL (3+ DAYS REQUIRES PLANS TO BE SIGNED BY A LICENSED PE).

See attached.

IS SIGNING AND STRIPING REQUIRED?

No

DEPTH FROM SURFACE

n/a

(60" minimum under county roads)

SIZE AND KIND OF PIPE/CABLE

n/a

NUMBER OF EXCAVATIONS

0

SIZE OF EXCAVATIONS

n/a

(Length, width, and depth)

LOCATION OF EXCAVATIONS ALL EXCAVATIONS ARE TO BE PROTECTED AT ALL TIMES AND THEN BACKFILLED WHEN UNATTENDED AND/OR OVERNIGHT  
Specific written descriptions of excavations - if shown on attached drawing, drawing shall be specific with depth and distance from centerline, curb, or other distinguishable location. Traffic control plans cannot be approved without specific excavation descriptions.

See attached site plan. Existing access. Minor ROW work around existing access for new ALDI site development.


**Anoka County**  
**MINNESOTA**

Respectful. Innovative. Fiscally Responsible

# ANOKA COUNTY TRANSPORTATION DIVISION

1440 BUNKER LAKE BLVD NW

ANDOVER, MN 55304

PERMIT PHONE: 763-324-3176

highwaypermits@anokacountymn.gov

## GENERAL INFORMATION

One permit must be approved for each county road on which work will be performed prior to any work within the right of way by any utility/contractor. Emergency conditions which threaten the safety of the public and require immediate repair are exceptions to this rule. Under those circumstances, the utility/contractor is permitted to begin and/or complete the necessary repairs. The Anoka County Transportation Division (ACTD) shall be notified of emergency repairs as soon as feasible and a written permit is to be completed within two business days of occurrence.

A license-permit bond is generally required of the contractor as part of the registration process, the amount of which will be determined by the nature of the utility work.

A sketch or drawing shall accompany each permit application which will show the location of the proposed work/utility with reference to the county highway center line and right of way line. A complete set of plans is required for all sewer/water projects.

It shall be the responsibility of the applicant to determine which of the special conditions apply to each permit.

ACTD reserves the right to revoke any utility permit and halt work, if, upon inspection of any job site, the special conditions are not met, and/or a hazard exists for the applicant or public safety is threatened. **The failure to comply with the terms and conditions of any applicable Federal, State, Regional, and local laws, rules and regulations, including any provision of Anoka County's Right-of-Way Ordinance shall be cause for immediate revocation of a permit.**

The applicant shall notify ACTD immediately upon completion of project so that the ACTD can inspect the site to determine if restoration has been satisfactorily completed.

The undersigned hereby accepts the terms and conditions of this permit and the regulations of Anoka County, and agrees to fully comply therewith to the satisfaction of the ACTD. The county of Anoka, its officials, employees, and agents, shall be held harmless, by the applicant/permittee, from any demands, claims, lawsuits, or damages relating to the work described in this permit.

APPLICANT'S SIGNATURE

Signed by:

E5E29385EA044CD...

DATE

8/26/2025

## AUTHORIZATION OF PERMIT

In consideration of the applicant's agreement to comply in all respects with the regulations of the ACTD covering such operations, permission is hereby granted for the work to be done as described in the above application. Said work to be done in accordance with the general conditions listed above and the special conditions required as hereby stated. It is expressly understood that this permit is conditioned upon replacement or restoration of the county highway and its right of way to their original or to a satisfactory condition. It is further understood that this permit is issued subject to the approval of local city or township authorities having joint supervision over said street or highway.

APPROVED BY:

DocuSigned by:

C5E91FE15CD44EE...

DATE

8/28/2025

TITLE: Traffic Technician

NOT VALID UNLESS SIGNED BY ANOKA COUNTY

THIS PERMIT COVERS THE RIGHT OF WAY IN ANOKA COUNTY ONLY  
**ACTD reserves the right to make changes to these special conditions.**



Anoka County  
MINNESOTA  
Respectful, Innovative, Fiscally Responsible

ANOKA COUNTY TRANSPORTATION DIVISION  
1440 BUNKER LAKE BLVD NW  
ANDOVER, MN 55304  
PERMIT PHONE: 763-324-3176  
highwaypermits@anokacountymn.gov

SPECIAL CONDITIONS

TRAFFIC CONTROL

- 1) Detours
  - a) Detailed detour layouts shall be submitted to the traffic engineer for approval.
  - b) No detours shall be permitted without prior approval of the Anoka county traffic engineer.
  - c) A ten day notice must be given prior to the installation of any detour.
  - d) It shall be the responsibility of the applicant to notify Anoka county central communications, local government bodies, and any affected bus companies ten days prior to any road closures/detours.
  - e) Immediately upon completion of work and/or detours, all posts, barricades, and signs shall be removed from the right of way.
- 2) Traffic control devices
  - a) All traffic control devices, barricades, flashers, etc., shall be furnished by the applicant and shall be in accordance with the most recent edition of the Minnesota manual on uniform traffic control devices and temporary traffic control zone layouts – field manual of the same manual.

CONSTRUCTION REQUIREMENTS

- 1) Open cutting of bituminous or concrete surfaced roads will be allowed only at the discretion of the county engineer.
- 2) Neither supplies nor excavation materials shall be placed on the bituminous or concrete surface at any time.
- 3) No trenches will be allowed to remain open overnight.
- 4) Materials removed from the trench shall be used as backfill insofar as they are suitable. All backfill material shall conform to MNDOT specifications for compaction. The use of heavy equipment on top of trench, slapping with backhoe bucket and/or back casting to achieve compaction is prohibited. Any additional material required to back fill to the original grade shall be furnished by the applicant at no expense to the ACTD. All the base and surface courses damaged during construction operations shall be restored to a condition equal to or better than before operations began. The applicant shall be responsible for and restore any settlement.
- 5) All culverts, ditches, shoulders, and backslopes shall be restored to their original condition unless otherwise directed by the ACTD. Shoulders which have been previously constructed or reconstructed with special materials shall be replaced in kind. Restoration of signs, guardrails, guard posts, etc., are the sole responsibility of the applicant and shall be restored to their original condition.
- 6) All roadway maintenance required within the limits of the utility project that is related to the applicant's activities shall be the sole responsibility of the applicant for one year after completion of the project. Upon completion of the restoration work, the applicant shall request a final inspection by the ACTD. The ACTD's approved completion date shall be the starting date of the applicant's one-year responsibility.

HORIZONTAL BORING AND JACKING

- 1) All hard surface roadways shall be jacked or bored.
- 2) All crossings of Anoka County maintained roadbeds, shall be made by boring inside a casing or carrier pipe, or by jacking unless otherwise directed by the Anoka County Engineer. The auger shall lead the casing or carrier pipe by at least six inches whenever possible and never lead the carrier pipe by more than one inch.
- 3) The use of pneumatic devices to facilitate the roadbed crossings will be allowed in most cases with prior approval. In the event approval is not granted and applicant uses a pneumatic device to cross a roadbed and encounters an obstruction and/or unstable subbase material which makes forward or reverse motion of pneumatic device impossible, said pneumatic device then becomes part of the roadway subbase and permission to excavate to retrieve device will not be granted.
- 4) If a pneumatic device is used for the work permitted herein, the installation must be kept to a minimum of four feet below the surface of the roadway if the pneumatic device is less than two inches in diameter, and a minimum of five feet below the surface of the roadway if the pneumatic device is two inches in diameter or larger.

BITUMINOUS RESTORATION

- 1) The locations and dimensions of all openings to be made in the bituminous surface shall be approved by the ACTD prior to any cutting or any surface opening operations.
- 2) All openings in bituminous surfaces shall be cut in a straight line with the sides smooth and vertical. No ragged edges will be permitted. Cutting shall be done with a concrete saw.
- 3) All necessary dust control operations shall be carried out by the applicant at no expense to Anoka County.
- 4) The minimum requirement for subgrade replacement shall be the upper twelve inches of material and shall meet MNDOT specifications for class five placed in six inch layers compacted to one hundred percent of optimum density.
- 5) All manhole casings, gate valves, and other utility structures shall be set one quarter inch below the top of the finished surface.
- 6) Bituminous tack coat materials and application thereof shall conform to MNDOT specification 2357.
- 7) All bituminous surfacing shall be replaced as soon as practicable after the base construction. All bituminous surfacing shall be machine laid. Any exceptions must be approved by the ACTD. Bituminous surfacing shall be replaced to original pavement depth or to a minimum of six inches of bituminous mixture (2360), whichever is greater. Bituminous mixtures must be placed in lifts not exceeding three inches in thickness for base and binder courses and not exceeding two inches for the wear course.
- 8) All surface restoration regardless of size shall conform to existing grades.
- 9) Any unnecessary or negligent damage to bituminous surface in conjunction with the installation and/or repair of a utility shall be cut out and replaced in kind as directed by the ACTD.

THIS PERMIT COVERS THE RIGHT OF WAY IN ANOKA COUNTY ONLY  
ACTD reserves the right to make changes to these special conditions.



ANOKA COUNTY TRANSPORTATION DIVISION  
1440 BUNKER LAKE BLVD NW  
ANDOVER, MN 55304  
PERMIT PHONE: 763-324-3176  
highwaypermits@anokacountymn.gov

<u>CONCRETE RESTORATION</u> 1) Curb and gutter, sidewalks, and driveways shall be restored in accordance with MNDOT specifications 2531 and 2521.
<u>UTILITY LINES</u> 1) There shall be only a single pole line on the county right of way on either side of the center line thereof. 2) Exact locations of longitudinal installations on county highways shall be located as directed by the ACTD.
<u>SECTION CORNER MONUMENTS</u> 1) Utility locations shall not interfere with the location of any section, quarter, witness, or right of way monuments. For assistance in locations, contact the Anoka County Surveyor’s Office. 2) The applicant shall be responsible for replacement of any existing property irons disturbed during construction. 3) The applicant shall notify the Anoka County Surveyor’s Office three working days in advance of any anticipated disturbance of any section, quarter, witness, or right of way monuments. 4) Any monument disturbed during the course of construction, shall be reset by the Anoka County Surveyor’s Office at the expense of the applicant.
<u>ATTACHING TO BRIDGES/STRUCTURES</u> 1) No utility is permitted to be hung from, or otherwise attached to, any bridge or structure without having detailed plans approved by the Anoka County Engineer. These plans are to show approaches to the structure, method of installation, type, and dimension of housing for the utility.
<u>ADDITIONAL PROVISIONS</u> 1) All subcontractors, installers, and crew shall possess a physical or electronic copy of all documents in relation to the approved permit prior to the commencement of work and be kept on site. This includes, but it not limited to the following: a) Approved permit b) Any/all traffic control plans and/or layouts 2) Shall notify Anoka County Permits at 763-324-3176 or highwaypermits@anokacountymn.gov a) At least 36 hours prior to the commencement of work b) With time frame of proposed of work c) Anticipated traffic control d) When work is complete - including restorations - to request a final inspection 3) No work during inclement weather or when plows are out in any capacity 4) All traffic control shall be in accordance with the most current version of the MnDOT Temporary Traffic Control Field Manual 5) For staking of right-of way or proposed infrastructure, contact Chris Osterhus at 763-324-3189 a minimum of 48 hours prior to the commencement of work.

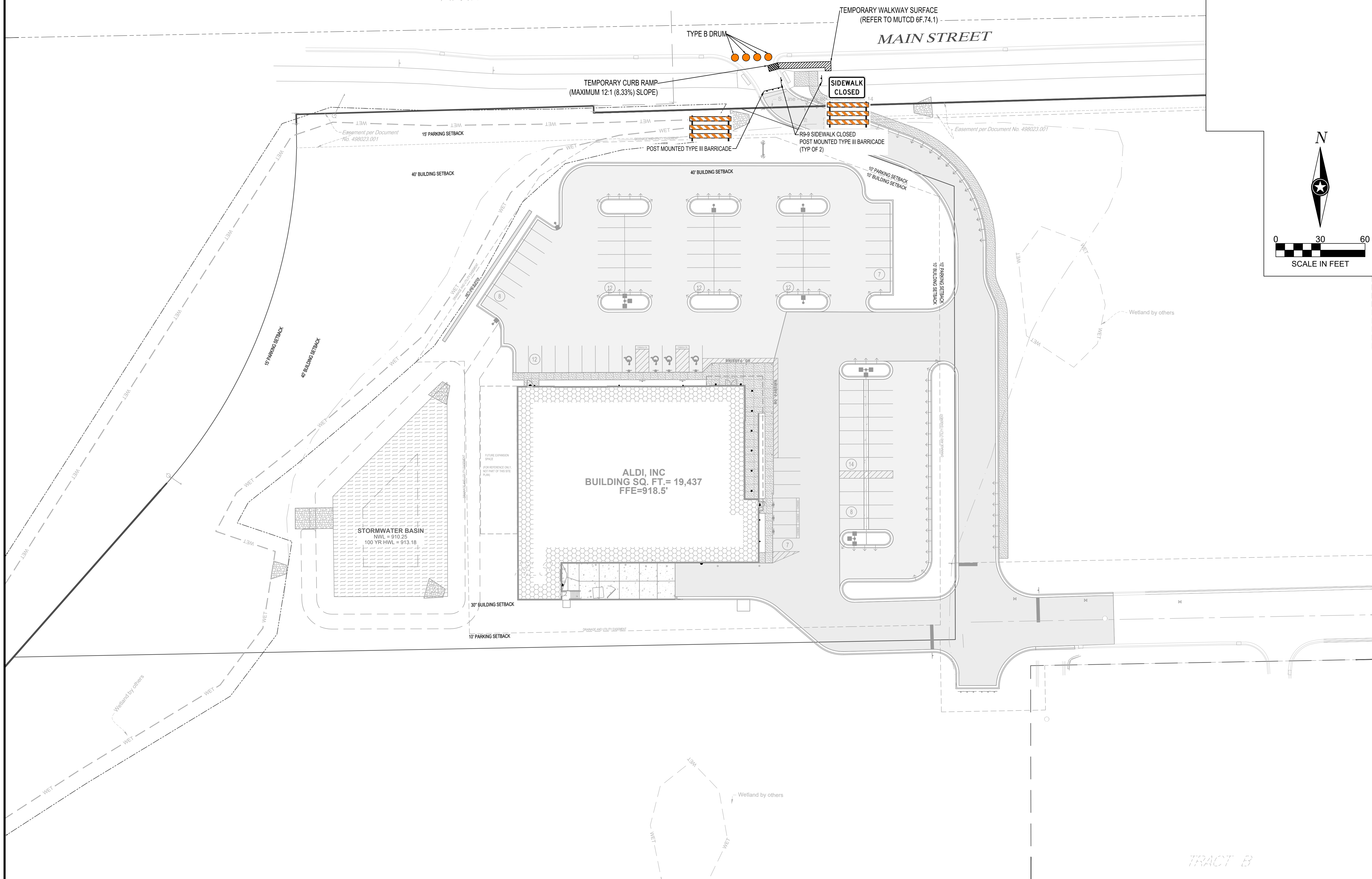
INITIAL

initial

AKB



No additional comments.



Issued:		Date:
A		
B		
C		
D		
E		
Revisions:		Date:
1	CCD-01	06/09/25
2		
3		
4		
5		
6		
7		
8		
9		

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



**MANAGING LOCATION:**  
**BLOOMINGTON OFFICE**  
7900 INTERNATIONAL DRIVE  
SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



**ALDI Inc.**  
4201 Bagley Avenue North  
Faribault, MN 55021  
(507) 333-9460  
(507) 333-9475 fax

ALDI Inc. Store #: 154  
LINO LAKES, MN  
7085 OTTER LAKE ROAD  
LINO LAKES, MN 55038  
ANOKA COUNTY

Project Name &amp; Location:

# TRAFFIC CONTROL EXHIBIT

Drawing Name:

Type: V7.0 E

Drawn By: PSK

Designed By: PSK

Reviewed By: JM

ISG Project No

29782

C-310

Drawing No



## Anoka County HIGHWAY

Joseph J. MacPherson, PE  
County Engineer

August 26, 2025

Paul Cherne  
Pioneer Engineering, P.A  
2422 Enterprise Drive,  
Mendota Heights, MN 55120

**RE: Otter Crossing South  
Anoka County Approval**

Dear Mr. Cherne,

Anoka County has reviewed the Otter Crossing South and has no further comments. You or your contractor can visit our website at <https://www.anokacountymn.gov/342/Permits> to obtain the appropriate permit(s).

Prior to permit approval, an invitation to the preconstruction meeting is requested. If there is no meeting, please send a detailed construction schedule to [HighwayPermits@anokacountymn.gov](mailto:HighwayPermits@anokacountymn.gov).

If you have questions, you may contact our permits section at 763-324-3176 or [HighwayPermits@anokacountymn.gov](mailto:HighwayPermits@anokacountymn.gov)

Sincerely,

Camila Arenas  
Design Engineer

cc: File (Lino Lakes)  
Joe MacPherson, ACHD  
Jerry Auge, ACHD  
Sue Burgmeier, ACHD  
I:\Eng\Plan Reviews\Lino Lakes\2025\Otter Crossing South (ALDI)\ACHD Approval TEMPLATE  
(05-08-25).docx

**Our Passion Is Your Safe Way Home**

1440 Bunker Lake Boulevard N.W. ▲ Andover, MN 55304-4005  
Office: 763-324-3100 ▲ Fax: 763-324-3020 ▲ [www.anokacountymn.gov/Highway-Department](http://www.anokacountymn.gov/Highway-Department)

**Affirmative Action / Equal Opportunity Employer**



**ALDI Inc.**

4201 Bagley Avenue North  
Faribault, MN 55021

P: 507-291-7523

---

June 25, 2025

**RE: ALDI-Lino Lakes, MN  
7085 Otter Lake Rd, Lino Lakes**

To Whom it May Concern:

The following letter authorizes ISG to act as the owner's representative on behalf of ALDI as described below.

ALDI grants its design firm ISG authority to serve as the owner's representative/applicant for the duration of all applicable review and approval processes necessary for a new ALDI development as necessary from the City of Lino Lakes, Anoka County and all other governing entities. While ISG is the applicant, the Permittee shall be ALDI to assume all responsibility for the construction associated for the ALDI – Lino Lakes project in accordance with the issued permits.

If you have any questions regarding this correspondence, please contact me at (507) 291-7523 or via email at [andrew.mack@aldi.us](mailto:andrew.mack@aldi.us).

Sincerely,

A handwritten signature in black ink, appearing to read 'Andrew Mack', written over a horizontal line.

Andrew Mack  
Director of Real Estate  
ALDI Inc. Faribault Division

---

COMPLIANCE BOND

BOND NO. 108166823

KNOW ALL MEN BY THESE PRESENTS That we, ALDI Inc. (Minesota)  
of Faribault MN  
(hereinafter called the Principal) as Principal, and Travelers Casualty and Surety  
Company of America a CT corporation with principal offices at  
One Tower Square Hartford CT 06183 (hereinafter called the  
Surety) as Surety, are held and firmly bound unto Anoka County Transportation  
Division (hereinafter called the Obligee), in the penal sum of Ten  
Thousand and 00/100 (\$10,000.00) Dollars, for the payment of which  
well and truly to be made we do hereby bind ourselves, our heirs, executors, administrators,  
successors and assigns, jointly and severally, firmly by these presents.

SIGNED AND SEALED this 2nd day of July, 2025.

WHEREAS, the said Principal has made or is about to make application to said Obligee  
for (a license as) (a permit to) Aldi Store#154 Lino Lakes - grading, storm sewer utilities, and extension of  
drive access to an existing entrance  
for a term beginning on June 17, 2025 and ending on December 17, 2026.

NOW, THEREFORE, If the Principal shall indemnify the Obligee against any loss directly  
arising by reason of the failure of said Principal to comply with the laws or ordinance under which  
such license or permit is granted, or any lawful rules or regulations pertaining thereto, then this  
obligation shall be void; otherwise to be and remain in full force and effect.

PROVIDED, HOWEVER, AND UPON THE FOLLOWING EXPRESS CONDITIONS:

1. This bond shall be and remain in full force during the term of said license unless  
cancelled in accordance with paragraph 2 below; but if said license or permit was issued for a term  
of one year or any other specific term, and said license or permit is renewed for one or more  
specific terms, this bond shall be and is hereby extended to cover during such additional term or terms.  
In no event, however shall the liability of the Surety be cumulative from one year to year or from  
period to period, nor exceed the penal sum written in the first paragraph of this bond.

2. The Surety shall have the right to terminate its liability hereunder by notifying in  
writing to Anoka County Transportation Division ten (10)  
days in advance of its intention as to do.

ALDI Inc. (Minesota)

By: [Signature]

Assistant Treasurer



Travelers Casualty and Surety Company of America

By: [Signature]

Matthew Labno, Attorney-in-Fact



**Travelers Casualty and Surety Company of America**  
**Travelers Casualty and Surety Company**  
**St. Paul Fire and Marine Insurance Company**

**POWER OF ATTORNEY**

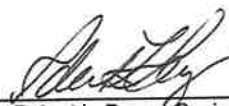
**KNOW ALL MEN BY THESE PRESENTS:** That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Matthew Labno** of **CHICAGO, Illinois**, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

**IN WITNESS WHEREOF**, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April**, 2021.



State of Connecticut

City of Hartford ss.

By:   
 Robert L. Raney, Senior Vice President

On this the **21st** day of **April**, 2021, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

**IN WITNESS WHEREOF**, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, 2026



  
 Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

**RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

**FURTHER RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

**FURTHER RESOLVED**, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

**FURTHER RESOLVED**, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **2nd** day of **July**, 2025



  
 Kevin E. Hughes, Assistant Secretary

**To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.**

**Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.**



**ANOKA COUNTY**  
**MINNESOTA**

Respectful, Innovative, Fiscally Responsible

## ANOKA COUNTY TRANSPORTATION DIVISION

1440 BUNKER LAKE BLVD NW, ANDOVER, MN 55304

763-324-3176

highwaypermits@anokacountymn.gov

### **RIGHT OF WAY USER REGISTRATION FORM**

This form must be filled out prior to permit approval

**APPLICANT NAME**

**ADDRESS**

**CITY/STATE/ZIP**

**PHONE**

#### Contact Information

**NAME**

**PHONE**

**EMAIL**

**INSURANCE CARRIER**

**POLICY NUMBER**

(Please attach Certificate of Insurance)

**Do you carry a Public Utilities Commission Certificate?** No

If yes, please attach a copy

The applicant hereby certifies that the above information is correct and agrees to notify Anoka County within fifteen days of any changes. The applicant certifies that Anoka County, its elected and appointed officials, officers, employees, and agents are named as additionally insured parties in all applicable insurance policies. The applicant agrees to comply with the Anoka County Right of Way Ordinance and with all applicable federal, state, county, and municipal laws, statutes, and ordinances that may apply.

**NAME**

**TITLE**

**SIGNATURE**

**DATE**



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

04/22/2025

**THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.**

**IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).**

<b>PRODUCER</b> MARSH USA LLC. 155 N. WACKER, SUITE 1200 CHICAGO, IL 60661	<b>CONTACT NAME:</b> Marsh   U.S. Operations <b>PHONE (A/C, No, Ext):</b> 866-966-4664 <b>FAX (A/C, No):</b> 212-948-0770 <b>E-MAIL ADDRESS:</b> Chicago.CertRequest@marsh.com														
FAR 154	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: center;">NAIC #</th> </tr> <tr> <td><b>INSURER A:</b> HDI Global Insurance Company</td> <td style="text-align: center;">41343</td> </tr> <tr> <td><b>INSURER B:</b> ACE American Insurance Company</td> <td style="text-align: center;">22667</td> </tr> <tr> <td><b>INSURER C:</b> Indemnity Insurance Company of North America</td> <td style="text-align: center;">43575</td> </tr> <tr> <td><b>INSURER D:</b> SEE ATTACHED*</td> <td></td> </tr> <tr> <td><b>INSURER E:</b> ACE Fire Underwriters Insurance Company</td> <td style="text-align: center;">20702</td> </tr> <tr> <td><b>INSURER F:</b></td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	<b>INSURER A:</b> HDI Global Insurance Company	41343	<b>INSURER B:</b> ACE American Insurance Company	22667	<b>INSURER C:</b> Indemnity Insurance Company of North America	43575	<b>INSURER D:</b> SEE ATTACHED*		<b>INSURER E:</b> ACE Fire Underwriters Insurance Company	20702	<b>INSURER F:</b>	
INSURER(S) AFFORDING COVERAGE	NAIC #														
<b>INSURER A:</b> HDI Global Insurance Company	41343														
<b>INSURER B:</b> ACE American Insurance Company	22667														
<b>INSURER C:</b> Indemnity Insurance Company of North America	43575														
<b>INSURER D:</b> SEE ATTACHED*															
<b>INSURER E:</b> ACE Fire Underwriters Insurance Company	20702														
<b>INSURER F:</b>															

**COVERAGES****CERTIFICATE NUMBER:**

CHI-010925188-01

**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> SIR Value: \$750,000 GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:			GLD5692204	01/01/2025	01/01/2026	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 1,000,000 PRODUCTS - COMP/OP AGG \$ 1,000,000 \$
B	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			ISA H10844320	11/01/2024	11/01/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$			CUD5692304	01/01/2025	01/01/2026	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000 \$
C	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WLR C72790996 (AOS) SCF C72791034 (WI)	11/01/2024 11/01/2024	11/01/2025 11/01/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	PROPERTY - ALL RISK (See ACORD 101)			See Attached	04/01/2025	04/01/2026	LIMIT 150,000,000 DEDUCTIBLE 100,000

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)**

RE: FAR Division #154 Lino Lakes, MN - 2290 70th Street E, 55038-8390.

Anoka County Highway Department is/are included as additional insured (except workers' compensation and property) where required by written contract.

**CERTIFICATE HOLDER****CANCELLATION**

Anoka County Highway Department  
 1440 Bunker Lake Blvd. NW,  
 Andover, MN 55304

**SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.**

AUTHORIZED REPRESENTATIVE

*Marsh USA LLC*

© 1988-2016 ACORD CORPORATION. All rights reserved.



ADDITIONAL REMARKS SCHEDULE

AGENCY MARSH USA LLC.		NAMED INSURED ALDI Inc 1200 N. Kirk Road Batavia, IL 60510
POLICY NUMBER		
CARRIER	NAIC CODE	EFFECTIVE DATE:

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,  
FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

Self-Insured Workers Comp:  
Policy # WCU C72791071  
11/01/2024 - 11/01/2025  
Carrier:ACE American Insurance Company  
Self-Insured Retention Per Occurrence \$1,000,000

PROPERTY:  
"All Risk" of direct physical loss or damage to real and personal property, including electronic data processing equipment, data, media, valuable papers, fine arts and property in transit all subject to policy terms conditions and exclusions. Coverage includes, but is not limited to fire, extended perils such as vandalism, malicious mischief, flood, earth movement and boiler & machinery. Replacement cost valuation applies for physical damage. Actual loss sustained applies for business income and extra expense.  
  
Other Deductibles may apply as per policy terms and conditions.

With regards to General Policy # GLD5692204, form IL SU 4004 (10-10), HDI Global Insurance Company states:

SCHEDULE  
Name, Address and E-mail Address of Other Person(s)/Organization(s): As required by written contract or agreement  
Number of Days Notice: 30

- I. If we cancel this policy by notice to you for any statutorily permitted reason other than nonpayment of premium, we shall endeavor to mail, e-mail or deliver a copy of such written notice of cancellation to the person(s) or organization(s) shown in the Schedule above.
- II. A copy of the notice, per paragraph I. above, will be mailed, e-mailed or delivered:
- To the appropriate addresses corresponding to the person(s) or organization(s) shown in the Schedule above; and
  - The number of days required for notice of cancellation, as provided in paragraph A.2. of the Common Policy Conditions or as amended by an applicable state cancellation endorsement of by the date as shown in the Schedule above.
- III. Our failure to provide such advance notification to the person(s) or organization(s) shown in the Schedule of this endorsement will not extend any policy cancellation date nor negate any cancellation of the policy.  
All other terms and conditions of this policy remain unchanged.

ALDI, INC. APRIL 1, 2025- APRIL 1, 2026 PROPERTY SCHEUDLE	Policy Number	Limit	Attachment	Layer	Bound % Share
Primary \$50M					
Allied World Assurance Company LTD	P099865/001	\$50,000,000	Deductibles	Primary \$50,000,000	5.0%
Columbia Casualty Company	RMP 7092997150	\$50,000,000	Deductibles	Primary \$50,000,000	5.0%
Primary \$100M					
Lloyd's FastTrack	B0509MPSPB2501205	\$100,000,000	Deductibles	Primary \$100,000,000	10.0%
ACE American Insurance Company	CX D95082336 001	\$100,000,000	Deductibles	Primary \$100,000,000	9.0%
Beazley Excess and Surplus Insurance, Inc.	D39663250101	\$100,000,000	Deductibles	Primary \$100,000,000	2.5%
Endurance American Specialty Insurance Company	ARP30084002500	\$100,000,000	Deductibles	Primary \$100,000,000	2.5%
Primary \$150M					
Starr Specialty Lines Insurance	SLSTPTY13117525	\$150,000,000	Deductibles	Primary \$150,000,000	10.0%
Everest Indemnity Insurance Company	RP8P000219-251	\$150,000,000	Deductibles	Primary \$150,000,000	10.0%
Allianz Global Risks US Insurance Company,	USP00244325	\$150,000,000	Deductibles	Primary \$150,000,000	10.0%
AIG SPECIALTY INSURANCE COMPANY	\$14,955,008	\$150,000,000	Deductibles	Primary \$150,000,000	5.0%
GENERAL SECURITY INDEMNITY COMPANY OF ARIZONA (GSINDA)	FA0132376-2025-1	\$150,000,000	Deductibles	Primary \$150,000,000	5.0%
Zurich American Insurance Company	ERP 0927870 00	\$150,000,000	Deductibles	Primary \$150,000,000	6.0%
AXA XL Insurance Company UK Limited	B0509BOWPN2551290	\$150,000,000	Deductibles	Primary \$150,000,000	5.0%
Liyods Syndicate 2488		\$150,000,000	Deductibles	Primary \$150,000,000	4.6875%
Liyods Syndicate 1183		\$150,000,000	Deductibles	Primary \$150,000,000	5.6250%
Liyods Syndicate 2010		\$150,000,000	Deductibles	Primary \$150,000,000	1.8750%
Liyods Syndicate 1967		\$150,000,000	Deductibles	Primary \$150,000,000	1.8750%
Liyods Syndicate 2987		\$150,000,000	Deductibles	Primary \$150,000,000	0.9375%
\$50M XS \$100M					
Mitsui Sumitomo Insurance Company of America	EXP7001570	\$50,000,000	\$100,000,000	\$50,000,000 xs \$100,000,000	17.0%
Endurance American Specialty Insurance Company	BPD30000655800	\$50,000,000	\$100,000,000	\$50,000,000 xs \$100,000,000	7.0%
100M XS \$50M					
Liberty Specialty Markets Bermuda Limited	LSMAPR508190A	\$100,000,000	\$50,000,000	\$100,000,000 xs \$50,000,000	5.0%
Columbia Casualty Company	RMP 7093016197	\$100,000,000	\$50,000,000	\$100,000,000 xs \$50,000,000	5.0%
Excess CA Earthquake					
80% - Everest Indemnity Insurance Company 20% - Underwriters at Lloyds London / Hamilton	80% - 8400012391-251 20% - B1180D25062600660	\$25,000,000	\$25,000,000	\$25,000,000 xs \$25,000,000	100.0%

## HDI GLOBAL INSURANCE COMPANY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

### NOTICE OF CANCELLATION AMENDMENT

#### SCHEDULE

**Name, Address and E-Mail Address of Other  
Person(s) / Organization(s):**

**Number of Days Notice:**

AS REQUIRED BY WRITTEN CONTRACT OR AGREEMENT

10 DAYS FOR NON-PAYMENT,  
30 DAYS ALL OTHER

(If no entry appears above, the information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

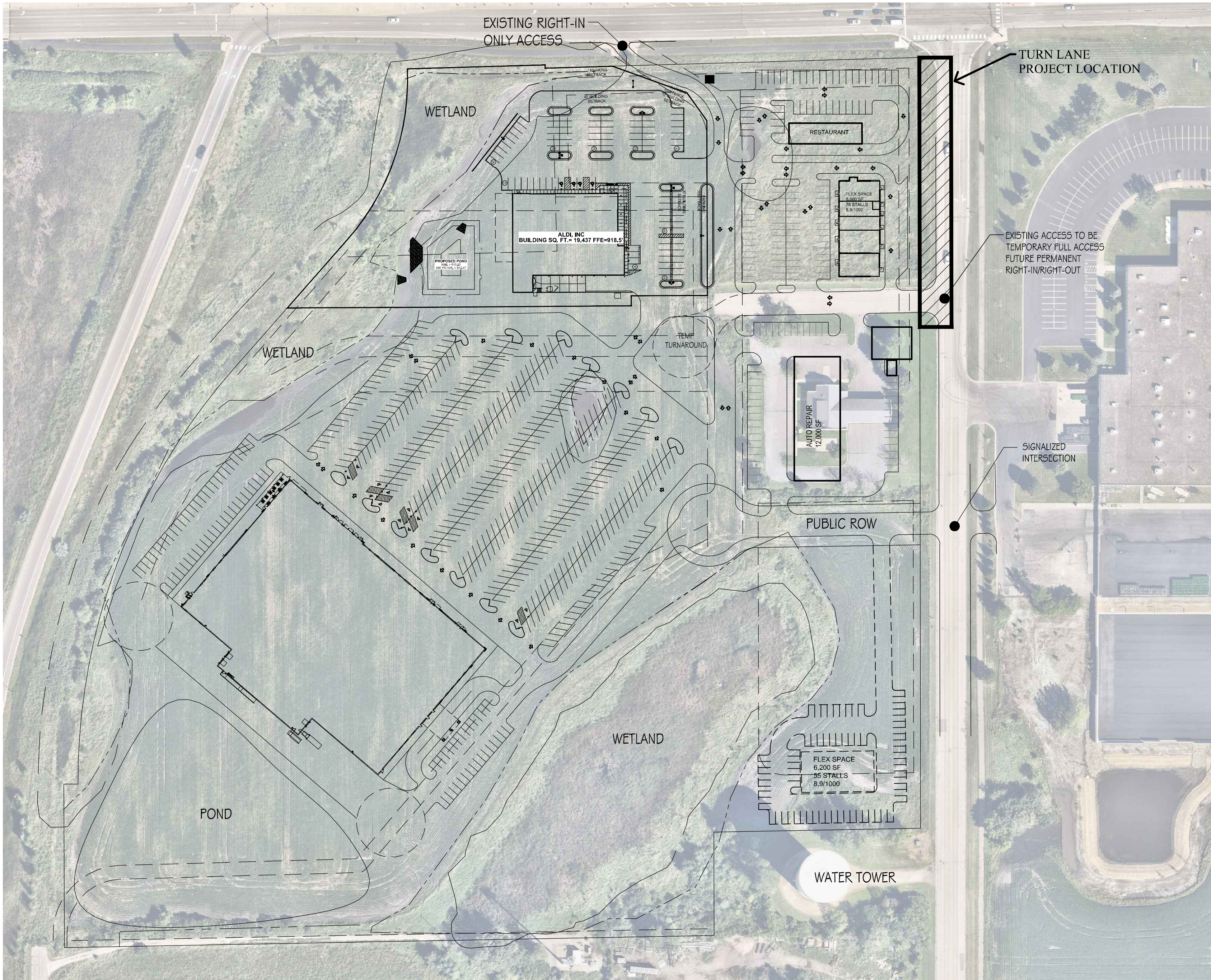
- I.** If we cancel this policy by notice to you for any statutorily permitted reason other than nonpayment of premium, we shall endeavor to mail, e-mail or deliver a copy of such written notice of cancellation to the person(s) or organization(s) shown in the Schedule above.
- II.** A copy of the notice, per paragraph **I.** above, will be mailed, e-mailed or delivered:
  - 1.** To the appropriate addresses corresponding to the person(s) or organization(s) shown in the Schedule above; and
  - 2.** The number of days required for notice of cancellation, as provided in paragraph **A.2.** of the Common Policy Conditions or as amended by an applicable state cancellation endorsement or by the date as shown in the Schedule above.
- III.** Our failure to provide such advance notification to the person(s) or organization(s) shown in the Schedule of this endorsement will not extend any policy cancellation date nor negate any cancellation of the policy.

All other terms and conditions of this policy remain unchanged.

LEGEND

EXISTING	PROPOSED	FUTURE	DESCRIPTION
			SANITARY MANHOLE
			EXISTING SANITARY SEWER PROPOSED SANITARY SEWER FUTURE SANITARY SEWER
			HYDRANT
			GATE VALVE
			REDUCER
			EXISTING WATERMAIN PROPOSED WATERMAIN FUTURE WATERMAIN
			CATCH BASIN
			BEEHIVE
			STORM MANHOLE
			FLARED END SECTION
			CONTROL STRUCTURE
			EXISTING STORM SEWER PROPOSED STORM SEWER FUTURE STORM SEWER
			SURMOUNTABLE CURB & GUTTER
			B-STYLE CURB & GUTTER
			RIBBON CURB & GUTTER
			PHASE LINE
			EASEMENT LINE
			EXISTING 2' CONTOUR LINE
			EXISTING 10' CONTOUR LINE
			PROPOSED 2' CONTOUR LINE
			PROPOSED 10' CONTOUR LINE
			POND OUTLET LINE
			POND HIGH WATER LINE
			PROPOSED SPOT ELEVATION
			EMERGENCY OVERFLOW
			DELINEATED WETLAND LINE
			FEMA FLOODPLAIN BOUNDARY
			STANDARD EROSION CONTROL
			HEAVY-DUTY EROSION CONTROL
			TREE FENCE
			RETAINING WALL
			CONSERVATION AREA SIGN
			WETLAND BUFFER SIGN
			EX. CULVERT
			EX. OVERHEAD UTILITY LINES
			EX. UNDERGROUND TELEVISION LINE
			EX. UNDERGROUND TELEPHONE LINE
			EX. UNDERGROUND FIBER OPTIC LINE
			EX. UNDERGROUND ELECTRIC LINE
			EX. UNDERGROUND GAS LINE
			EX. FENCE (BARBED WIRE)
			EX. FENCE (CHAIN LINK)
			EX. FENCE (WOOD)
			EX. CAST IRON MONUMENT
			EX. ELECTRIC BOX
			EX. FLAG POLE
			EX. NATURAL GAS METER
			EX. HAND HOLE
			EX. FOUND IRON PIPE
			EX. JUDICIAL LAND MARK
			EX. LIGHT POLE
			EX. PK NAIL
			EX. UTILITY POLE
			EX. LAWN SPRINKLER VALVE
			EX. LAWN SPRINKLER HEAD
			EX. SEMAPHORE
			EX. SERVICE
			EX. TELEPHONE BOX
			EX. TEST HOLE
			EX. TELEVISION BOX
			EX. WATER WELL
			EX. MONITORING WELL
			EX. MAILBOX
			EX. CONTROL POINT
			EX. SPIKE
			EX. SIGN
			EX. CLEANOUT
			EX. SIGNIFICANT TREE
			EX. TREE LINE
			EX. GRAVEL SURFACE
			EX. BITUMINOUS SURFACE
			EX. CONCRETE SURFACE
			SELECT BACKFILL MATERIAL
			GRAVEL CONST. ENTRANCE

# OTTER CROSSING SOUTH OTTER LAKE ROAD TURN LANE CONSTRUCTION LINO LAKES, MINNESOTA



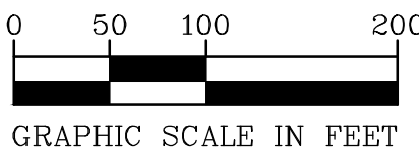
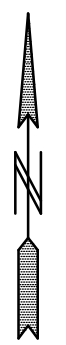
LOCATION MAP

## SHEET INDEX

1. COVER SHEET
2. TRAFFIC CONTROL PLAN
3. EXISTING CONDITIONS & REMOVAL PLAN
4. TURN LANE CONSTRUCTION PLAN
5. SECTIONS
6. SECTIONS

## DEVELOPER

PAUL SCHREIER  
TYME PROPERTIES  
651-307-2123  
3435 LABORE ROAD SUITE 150  
VADNAIS HEIGHTS, MN 55110



Know what's below.  
Call before you dig.

## BENCH MARK

TOP NUT HYDRANT IN N.W. QUAD. OF  
OTTER LAKE ROAD & PRIVATE DRIVE  
370 FT. NORTH OF MAIN STREET  
EL=920.47 NVGD88(DATUM)  
01-ENG-119015-SHEET-COV9

**PIONEER**engineering  
CIVIL ENGINEERS LAND PLANNERS LAND SURVEYORS LANDSCAPE ARCHITECTS

2422 Enterprise Drive  
Mendota Heights, MN 55120

(651) 681-1914  
Fax: 681-9488  
www.pioneereng.com

Joe MacPherson  
APPROVED ANOKA COUNTY ENGINEER  
08/15/2025  
Date

Digitally signed by Joe MacPherson  
Date: 2025.08.15 11:47:43  
+05'00'

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

Name

Paul J. Chernie

Reg. No.

19860

Date

04-14-2025

## DESIGN DESIGNATION

ESAL<sub>20</sub> 1,183,000  
R VALUE 70  
ADT (2022)= 4,031  
Proj. ADT (2029)= 9,696 (project only)  
Proj. HCADT (2029)= 390  
Soil Factor NA  
10 TON DESIGN  
Functional Classification Major Collector  
No. of Traffic Lanes NA No. of Parking Lanes 0  
Design Speed 55  
Based on Stopping Sight Distance  
Height of eye 3.5 Height of object 2.0'

NOTE:  
ALL WORK WITHIN THE COUNTY RIGHT OF WAY  
SHALL USE MNDOT 2020 SPECIFICATIONS.

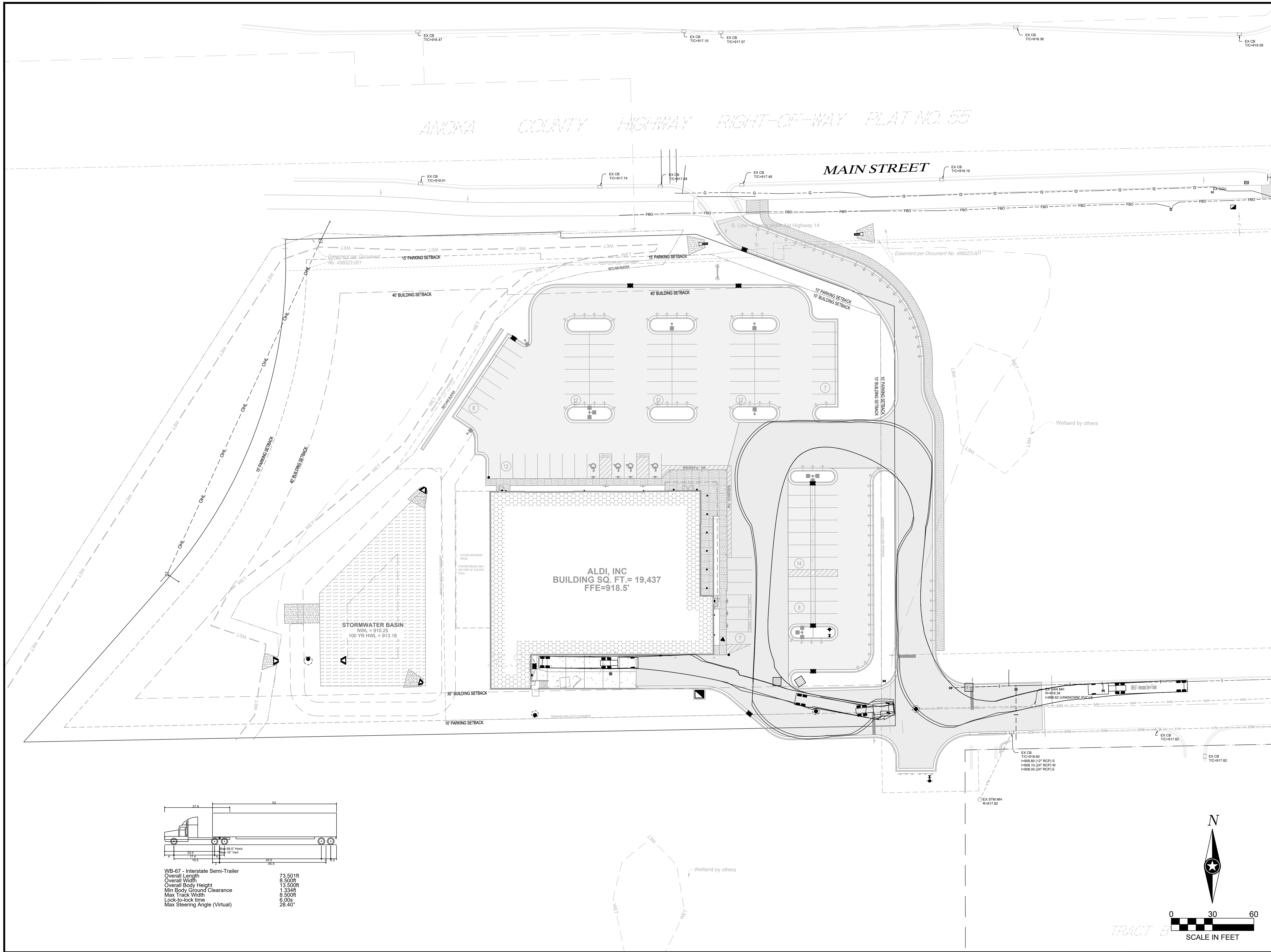
Date 04-14-2025  
Designed PJCBNM  
Drawn BNM

## COVER SHEET

TYME PROPERTIES  
3435 LABORE ROAD SUITE 150  
VADNAIS HEIGHTS, MN 55110

OTTER CROSSING SOUTH  
LINO LAKES, MINNESOTA

1 OF 6



Issued:

A CITY SUBMITTAL SET #1

B CITY SUBMITTAL SET #2

C ISSUED FOR BID

D CITY SUBMITTAL 3

E ISSUED FOR CONSTRUCTION

Date:

02/07/25

03/25/25

04/07/25

05/09/25

06/09/25

Revisions:

1

2

3

4

5

6

7

8

9

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.

Ryan Anderson

DATE: 03/26/2025 LIC. NO. 55938

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.

ISG

MANAGING LOCATION:  
BLOOMINGTON OFFICE  
7900 INTERNATIONAL DRIVE  
SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699

ALDI

ALDI Inc.  
4201 Bagley Avenue North  
Faribault, MN 55021  
(507) 333-7460  
(507) 333-9475 Fax

ALDI Inc. Store #: 154  
LINO LAKES, MN  
7085 OTTER LAKE ROAD  
LINO LAKES, MN 55038  
ANOKA COUNTY  
Project Name & Location:

SITE TRUCK TURNING

Drawing Name:

Type: V7.0 ER

Drawn By: PSH

Designed By: PSH

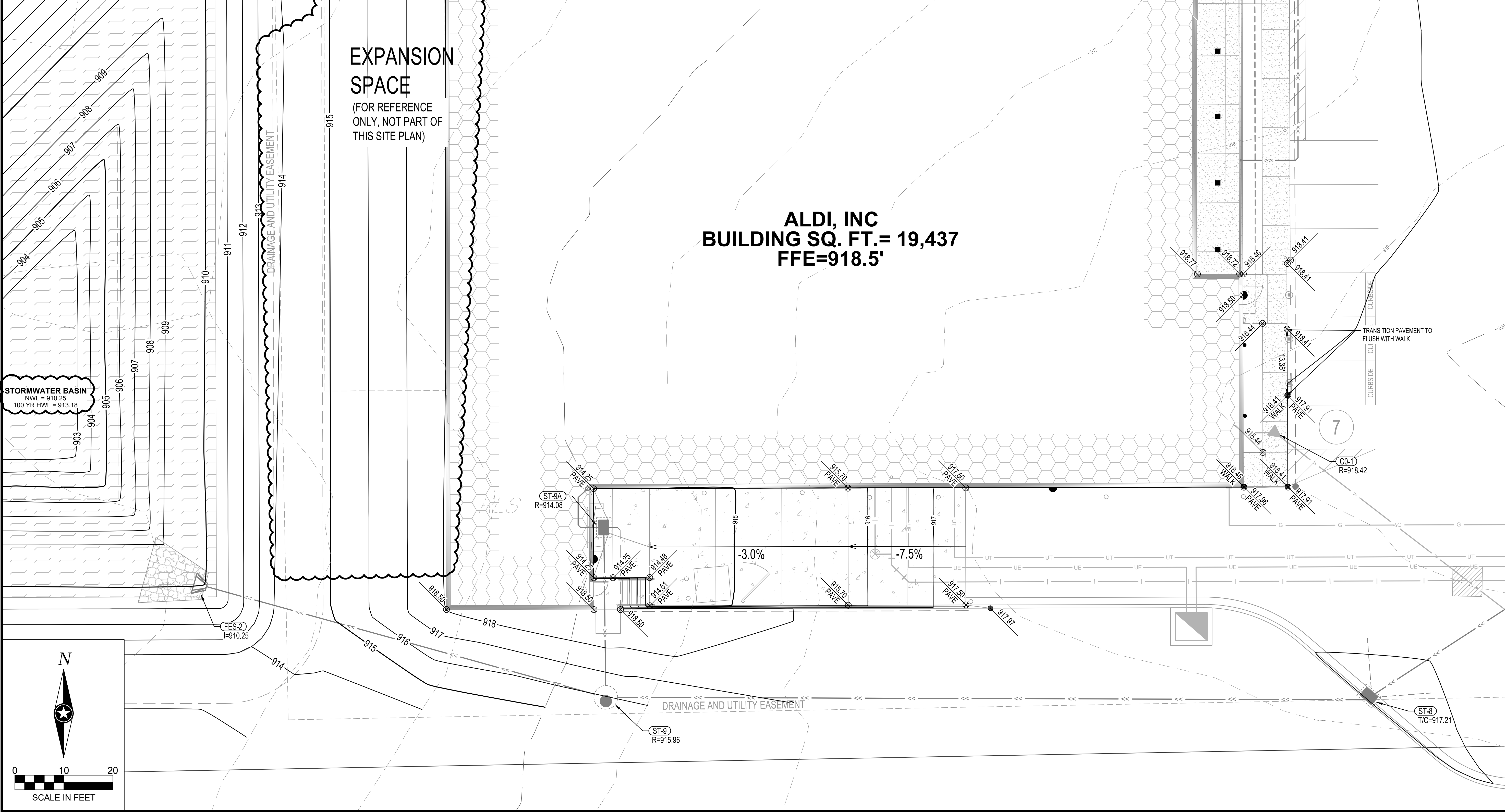
Reviewed By: JMF

ISG Project No.  
29782  
C-322  
Drawing No.



GRADING LEGEND	
	EXISTING CONTOUR (MINOR INTERVAL)
	EXISTING CONTOUR (MAJOR INTERVAL)
	PROPOSED CONTOUR (MINOR INTERVAL)
	PROPOSED CONTOUR (MAJOR INTERVAL)
	PROPOSED SPOT ELEVATION
	PROPOSED TOP BACK OF CURB SPOT ELEVATION
	SURFACE GRADE / DIRECTION

GENERAL GRADING NOTES	
PROPOSED CONTOURS SHOW FINISHED GRADE ELEVATIONS. BUILDING PAD AND PAVEMENT HOLD DOWNS ARE NOT INCLUDED. WHEN CONSTRUCTING BUILDING PADS WITH A HOLD DOWN, GRADE AREAS TO ENSURE POSITIVE BUILDING PAD DRAINAGE.	



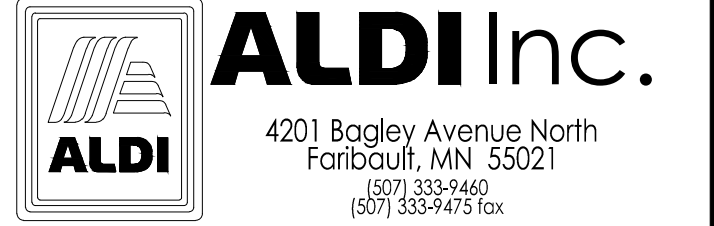
Issued:		Date:
A	CITY SUBMITTAL SET #1	02/07/25
B	CITY SUBMITTAL SET #2	03/25/25
C	ISSUED FOR BID	04/07/25
D	CITY SUBMITTAL 3	05/09/25
E	ISSUED FOR CONSTRUCTION	06/09/25
Revisions:		Date:
1	CCD-01	06/09/25
2		
3		
4		
5		
6		
7		
8		
9		

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.

*Ryan Anderson*  
DATE: 03/26/2025 LIC. NO. 55938  
SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



**MANAGING LOCATION:**  
**BLOOMINGTON OFFICE**  
**7900 INTERNATIONAL DRIVE**  
**SUITE 550**  
**MINNEAPOLIS, MN 55425**  
**PHONE: 952.426.0699**



ALDI Inc. Store #: 154  
LINO LAKES, MN  
7085 OTTER LAKE ROAD  
LINO LAKES, MN 55038  
ANOKA COUNTY  
Project Name & Location:

**BUILDING GRADING PLAN**

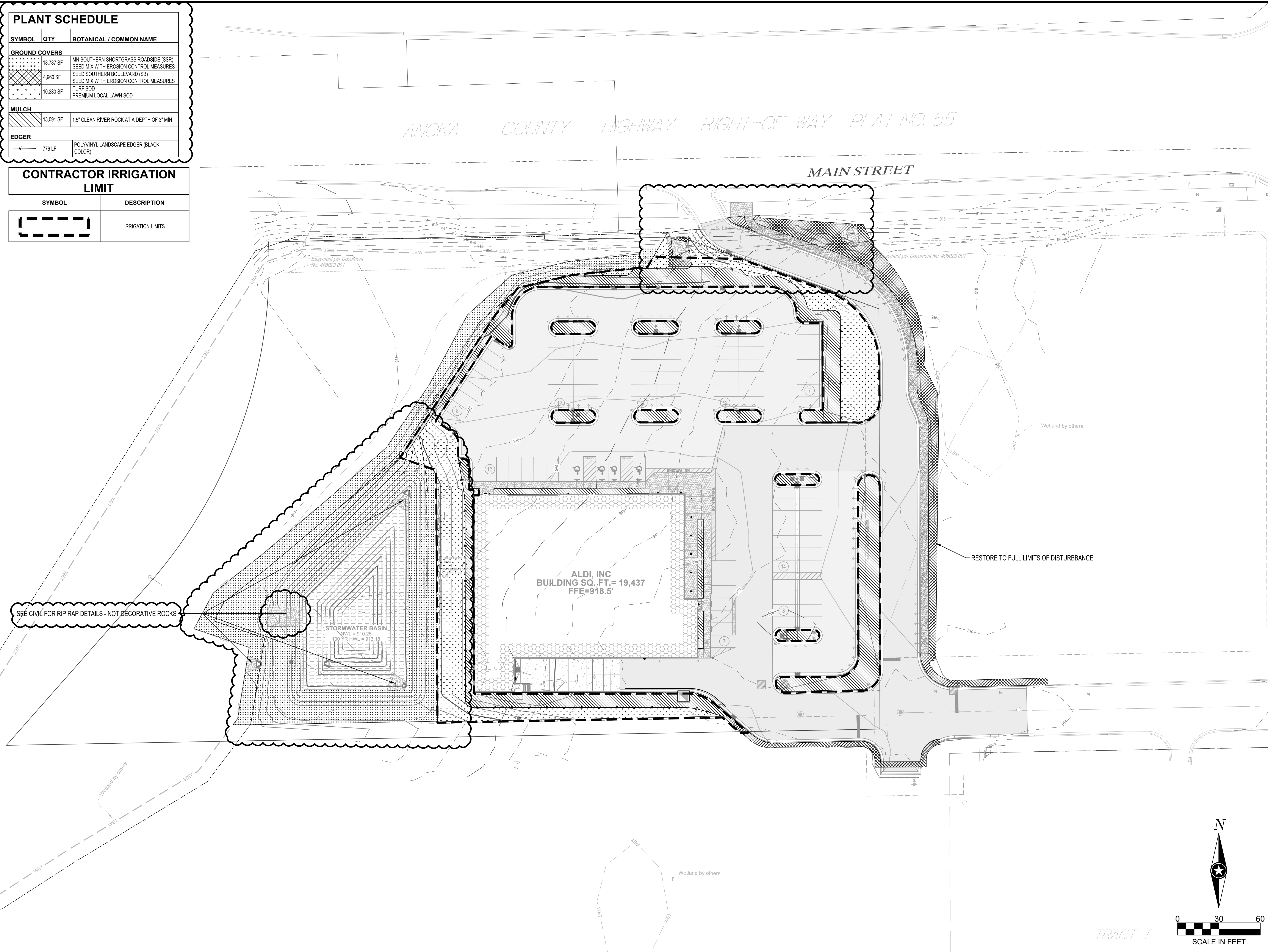
Drawing Name:		ISG Project No.
Type:	V7.0 ER	29782
Drawn By:	PSH	
Designed By:	PSH	C-411
Reviewed By:	JMF	Drawing No.

PLANT SCHEDULE

SYMBOL	QTY	BOTANICAL / COMMON NAME
GROUND COVERS		
	18,787 SF	MN SOUTHERN SHORTGRASS ROADSIDE (SSR) SEED MIX WITH EROSION CONTROL MEASURES
	4,960 SF	SEED SOUTHERN BOULEVARD (SB) SEED MIX WITH EROSION CONTROL MEASURES
	10,280 SF	TURF SOD PREMIUM LOCAL LAWN SOD
MULCH		
	13,091 SF	1.5" CLEAN RIVER ROCK AT A DEPTH OF 3" MIN
EDGER		
	776 LF	POLYVINYL LANDSCAPE EDGER (BLACK COLOR)

CONTRACTOR IRRIGATION LIMIT

SYMBOL	DESCRIPTION
	IRRIGATION LIMITS

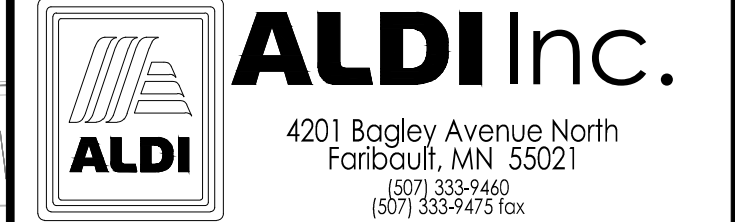


Issued:		Date:
A	CITY SUBMITTAL SET #1	02/07/25
B	CITY SUBMITTAL SET #2	03/25/25
C	ISSUED FOR BID	04/07/25
D	CITY SUBMITTAL 3	05/09/25
E	ISSUED FOR CONSTRUCTION	06/09/25
Revisions:		Date:
1	CCD-01	06/09/25
2		
3		
4		
5		
6		
7		
8		
9		

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 LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.  
MITCHELL G. COOKAS  
*Mitchell G. Cookas*  
DATE: 04/23/2025 LIC. NO. 56522  
SHEET NOT VALID UNLESS THIS TEXT IS COLOR.











MANAGING LOCATION:  
BLOOMINGTON OFFICE  
7900 INTERNATIONAL DRIVE  
SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699

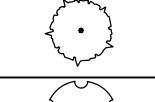
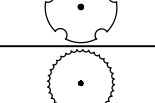
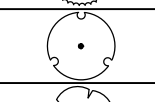
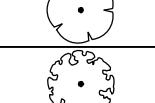
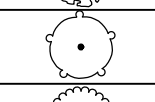





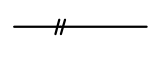
ALDI Inc. Store #: 154  
LINO LAKES, MN  
7085 OTTER LAKE ROAD  
LINO LAKES, MN 55038  
ANOKA COUNTY  
Project Name & Location:

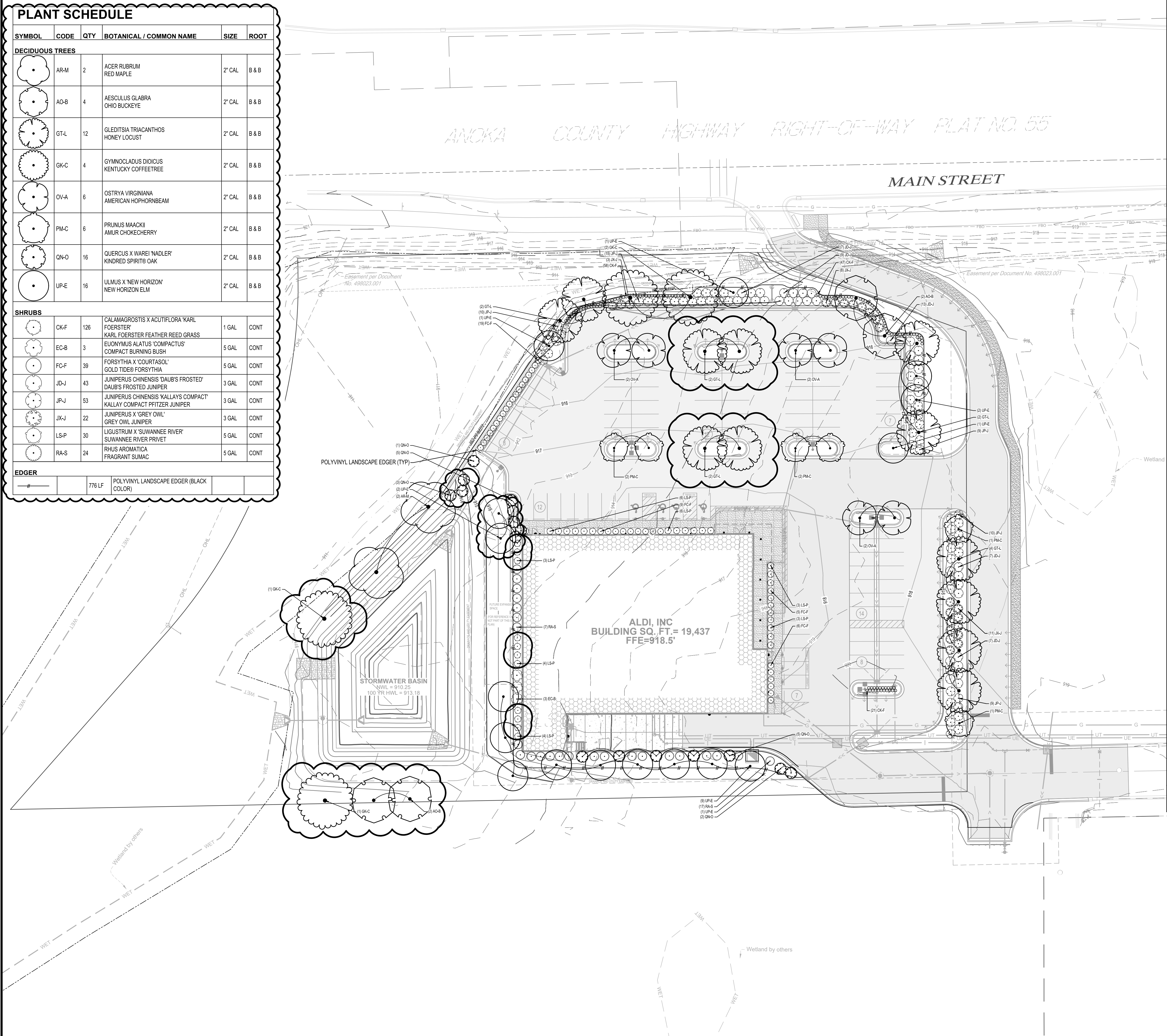
SITE RESTORATION PLAN	
Drawing Name:	ISG Project No.
Type: V7.0 ER	29782
Drawn By: JV	
Designed By: JV	C-510
Reviewed By: MC	Drawing No.

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	ROOT
DECIDUOUS TREES					
	AR-M	2	ACER RUBRUM RED MAPLE	2" CAL	B & B
	AO-B	4	AESCULUS GLABRA OHIO BUCKEYE	2" CAL	B & B
	GT-L	12	GLEDITSIA TRIACANTHOS HONEY LOCUST	2" CAL	B & B
	GK-C	4	GYMNOCLADUS DIOICUS KENTUCKY COFFEETREE	2" CAL	B & B
	OV-A	6	OSTRYA VIRGINIANA AMERICAN HOPHORNBEAM	2" CAL	B & B
	PM-C	6	PRUNUS MAACKII AMUR CHOKECHERRY	2" CAL	B & B
	QN-O	16	QUERCUS X WAREI 'NADLER' KINDRED SPIRITS® OAK	2" CAL	B & B
	UP-E	16	ULMUS X 'NEW HORIZON' NEW HORIZON ELM	2" CAL	B & B

SHRUBS					
	CK-F	126	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER' KARL FOERSTER FEATHER REED GRASS	1 GAL	CONT
	EC-B	3	EUONYMUS ALATUS 'COMPACTUS' COMPACT BURNING BUSH	5 GAL	CONT
	FC-F	39	FORSYTHIA X 'COURTASOL' GOLD TIDE® FORSYTHIA	5 GAL	CONT
	JD-J	43	JUNIPERUS CHINENSIS 'DAUB'S FROSTED' DAUB'S FROSTED JUNIPER	3 GAL	CONT
	JP-J	53	JUNIPERUS CHINENSIS 'KALLAYS COMPACT' KALLAY COMPACT PRITZER JUNIPER	3 GAL	CONT
	JX-J	22	JUNIPERUS X 'GREY OWL' GREY OWL JUNIPER	3 GAL	CONT
	LS-P	30	LIGUSTRUM X 'SUWANNEE RIVER' SUWANNEE RIVER PRIVET	5 GAL	CONT
	RA-S	24	RHUS AROMATICA FRAGRANT SUMAC	5 GAL	CONT

EDGER					
		776 LF	POLYVINYL LANDSCAPE EDGER (BLACK COLOR)		



CITY LANDSCAPE REQUIREMENTS

GENERAL LANDSCAPE REQUIREMENTS

CANOPY COVER STANDARDS:  
THE REQUIRED MINIMUM CANOPY COVERAGE FOR ALL USES IS 40%  
THE FOLLOWING EQUATION SHALL BE USED TO CALCULATE  
REQUIRED CANOPY COVERAGE: VEHICULAR HARDSCAPE (SF) x  
CANOPY COVERAGE PERCENT = REQUIRED MINIMUM CANOPY  
COVER (SF)  
THE ASSIGNED CANOPY COVERAGE VALUE OF EACH TREE IS BASED  
ON PLANTING LOCATION, TREE SIZE AND ANTICIPATED TREE  
CANOPY SIZE 15 YEARS AFTER PLANTING

REQUIRED CANOPY COVERAGE: 53,082 SF x 40% = 21,233 SF

INTERIOR PARKING LOT ISLANDS (100%)

LARGE TREE = 5 x 950 = 2,850 SF

SMALL TREE = 10 x 250 = 2,500 SF

WITHIN LESS THAN 7 FEET OF VEHICULAR HARDSCAPE EDGE (50%)

LARGE TREE = 26 x 600 = 15,600 SF

MEDIUM TREE = 2 x 250 = 500 SF

SMALL TREE = 2 x 125 = 250 SF

7 TO 12 FEET FROM VEHICULAR HARDSCAPE EDGE

LARGE TREE = 2 x 300 = 600 SF

TOTAL CANOPY COVERAGE PROVIDED = 24,200 SF

FOUNDATION LANDSCAPE STANDARDS:

2 LARGE TREES AND 6 LARGE SHRUBS REQUIRED PER 100 LINEAR  
FEET (LF) OF BUILDING

THE REQUIRED PLANT MATERIALS SHALL BE PLANTED IN THE  
FOUNDATION LANDSCAPE ZONE ADJACENT TO THE BUILDING FACE

THE DESIGN OF LANDSCAPING FOR GROUND AREAS UNDER THE  
BUILDING ROOF OVERHANG MUST TAKE INTO ACCOUNT THE  
POTENTIAL EFFECTS OF RUNOFF FROM THE ROOF EDGE

TREES PLANTED WITHIN 30 FEET OF THE BUILDING SHALL BE  
CONSIDERED WITHIN THE FOUNDATION LANDSCAPE ZONE

AMOUNT OF LINEAR FEET OF BUILDING: 615 LF

REQUIRED LANDSCAPE STANDARDS: 615 LF = 13 TREES AND 38  
SHRUBS

PROPOSED LANDSCAPE STANDARDS: 14 TREES AND 81 SHRUBS

OPEN AREA LANDSCAPE STANDARDS:

1 LARGE TREE AND 2 LARGE SHRUBS REQUIRED PER 2,500 SQUARE  
FEET (SF) OF OPEN AREA

OPEN AREAS INCLUDE DISTURBED SITE AREAS, THAT ARE NOT  
LOCATED WITHIN THE FOUNDATION LANDSCAPE ZONE, VEHICULAR  
HARDSCAPE AREA OR THE BUILDING FOOTPRINT AND INCLUDE

CUL-DE-SAC ISLANDS, BOULEVARD MEDIANS, STORMWATER  
MANAGEMENT AREAS, AND COMMON AREAS IN MULTIFAMILY SITES  
THAT ARE NOT FOR RECREATIONAL FACILITIES

ONLY LAND ABOVE THE NORMAL WATER LEVEL SHALL BE INCLUDED  
IN THE OPEN AREA CALCULATION FOR STORM WATER DETENTION  
AREAS

AMOUNT OF SQUARE FEET OF OPEN AREA LANDSCAPE: 34,415 SF

REQUIRED LANDSCAPE STANDARDS: 14 TREES AND 28 LARGE  
SHRUBS

PROPOSED LANDSCAPE STANDARDS: 14 TREES AND 209 LARGE  
SHRUBS

ADDITIONAL:  
ALL AREAS NOT OTHERWISE IMPROVED IN COMPLIANCE WITH THE  
APPROVED SITE PLANS SHALL HAVE A MINIMUM DEPTH OF FOUR  
INCHES OF TOPSOIL AND BE SODDED INCLUDING BOULEVARD  
AREAS. EXCEPTIONS INCLUDE:

- UNDISTURBED AREAS CONTAINING EXISTING VIABLE NATURAL  
VEGETATION WHICH CAN BE MAINTAINED FREE OF FOREIGN AND  
NOXIOUS PLANT MATERIALS

- USE OF MULCH MATERIALS, SUCH AS BARK, WOOD CHIPS, AND  
DECORATIVE ROCK IN SUPPORT OF SHRUBS AND FOUNDATION  
PLANTINGS

ALL LOT AREAS NOT USED FOR OFF-STREET PARKING, OFF-STREET  
LOADING, SIDEWALKS, DRIVEWAYS, BUILDING SITES, OR OTHER  
REQUIREMENTS SHALL BE LANDSCAPED WITH GRASS, SHRUBS,  
TREES OR OTHER ACCEPTABLE VEGETATION OR TREATMENT  
SHALL INSTALL IRRIGATION SYSTEMS TO ENSURE SURVIVABILITY  
OF LANDSCAPE MATERIALS

IN AREAS WITH LOW PEDESTRIAN TRAFFIC, THE USE OF LOW  
MAINTENANCE TURF, TYPICALLY FESCUE BLENDS IS ENCOURAGED  
TURF IN AREAS NEAR ROADS AND PARKING LOTS SHALL BE SALT  
TOLERANT

HARDY PERENNIAL FORBS AND ORNAMENTAL GRASSES SHOULD BE  
USED IN CAR OVERHANG AREAS AND PLACES WHERE SNOW MAY  
BE STORED

MINIMUM SIZE: AT TIME OF PLANTING

LARGE TREES: BALLED AND BURLAPPED - 2" CALIPER

MEDIUM AND SMALL TREES: BALLED AND BURLAPPED - 1.5"  
CALIPER

LARGE SHRUBS: 3 GALLON CONTAINER

ORNAMENTAL GRASSES AND PERENNIALS: 4" POT

Issued: Date:

A CITY SUBMITTAL SET #1 02/07/25

B CITY SUBMITTAL SET #2 03/25/25

C ISSUED FOR BID 04/07/25

D CITY SUBMITTAL 3 05/09/25

E ISSUED FOR CONSTRUCTION 06/09/25

Revisions: Date:

1 CCD-01 06/09/25

2

3

4

5

6

7

8

9

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 LANDSCAPE ARCHITECT UNDER  
THE LAWS OF THE STATE OF MINNESOTA

MITCHELL G. COOKAS

*Mitchell G. Cookas*

DATE: 04/23/2025 LIC. NO. 56522

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.

ISG

MANAGING LOCATION:  
BLOOMINGTON OFFICE

7900 INTERNATIONAL DRIVE

SUITE 550

MINNEAPOLIS, MN 55425

PHONE: 952.426.0699

ALDI Inc.

4201 Bagley Avenue North

Faribault, MN 55021

(507) 333-7460

(507) 333-9475 fax

ALDI Inc. Store #: 154

LINO LAKES, MN

7085 OTTER LAKE ROAD

LINO LAKES, MN 55038

ANOKA COUNTY

Project Name & Location:

SITE PLANTING PLAN

Drawing Name:

Type: V7.0 ER

Drawn By: JV

Designed By: JV

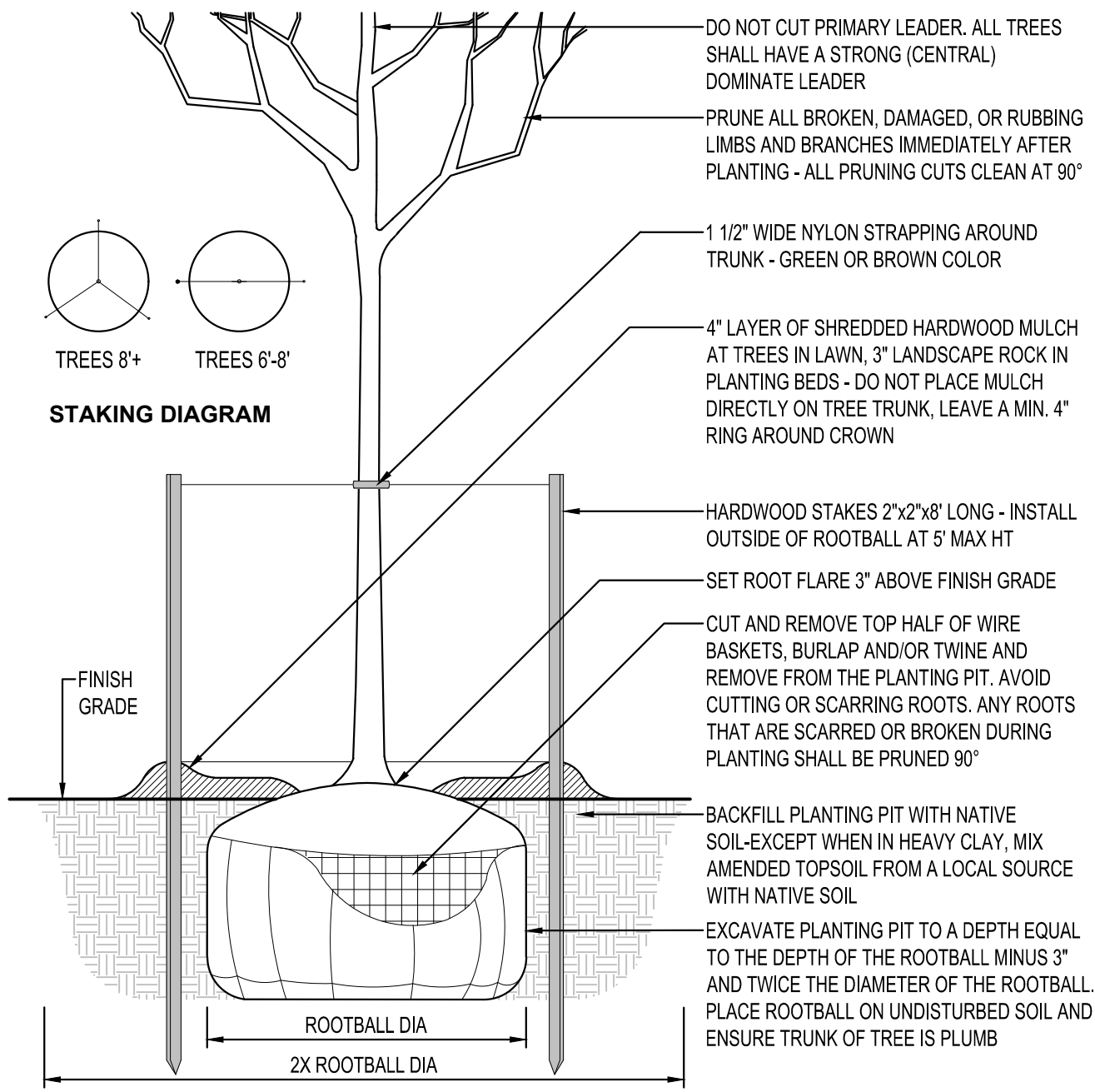
Reviewed By: MC

ISG Project No.

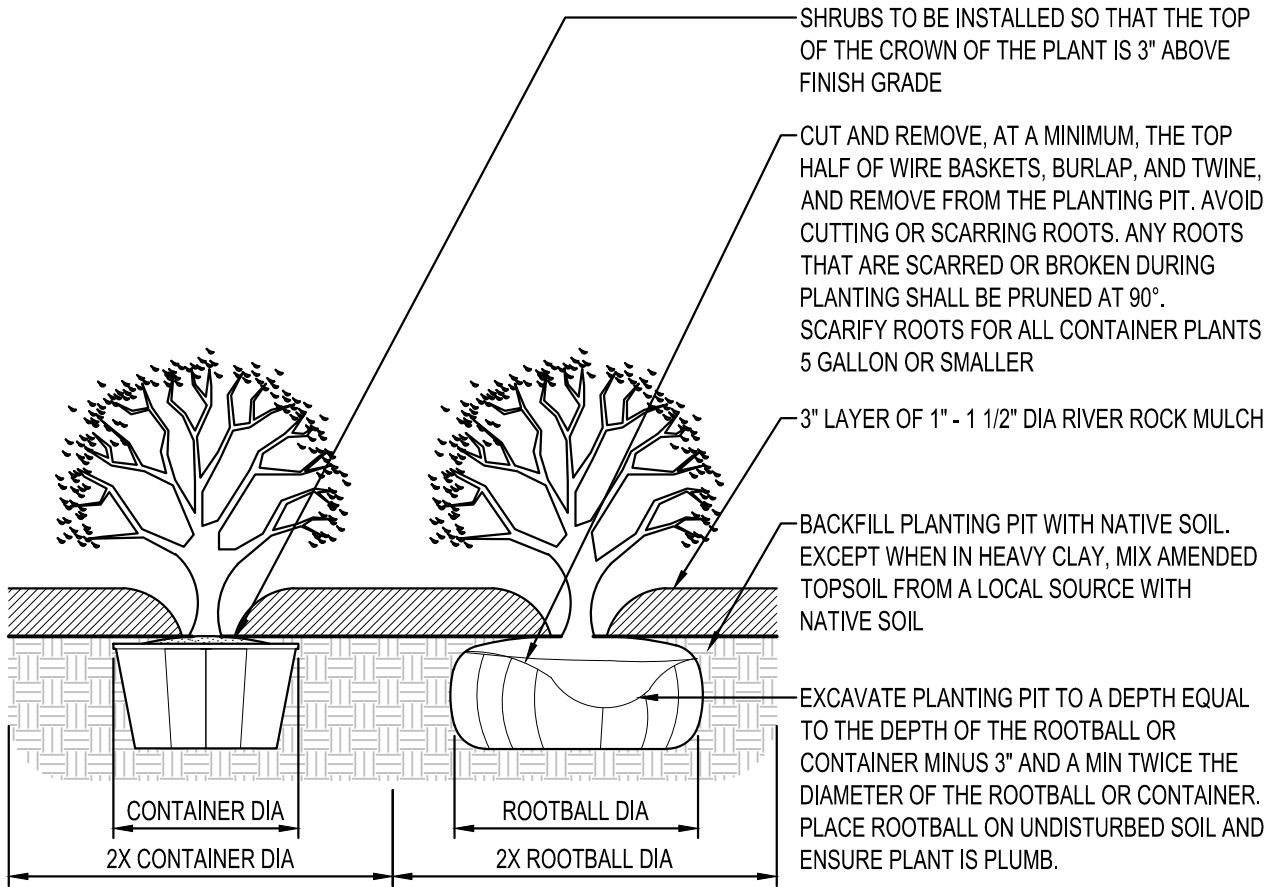
29782

C-520

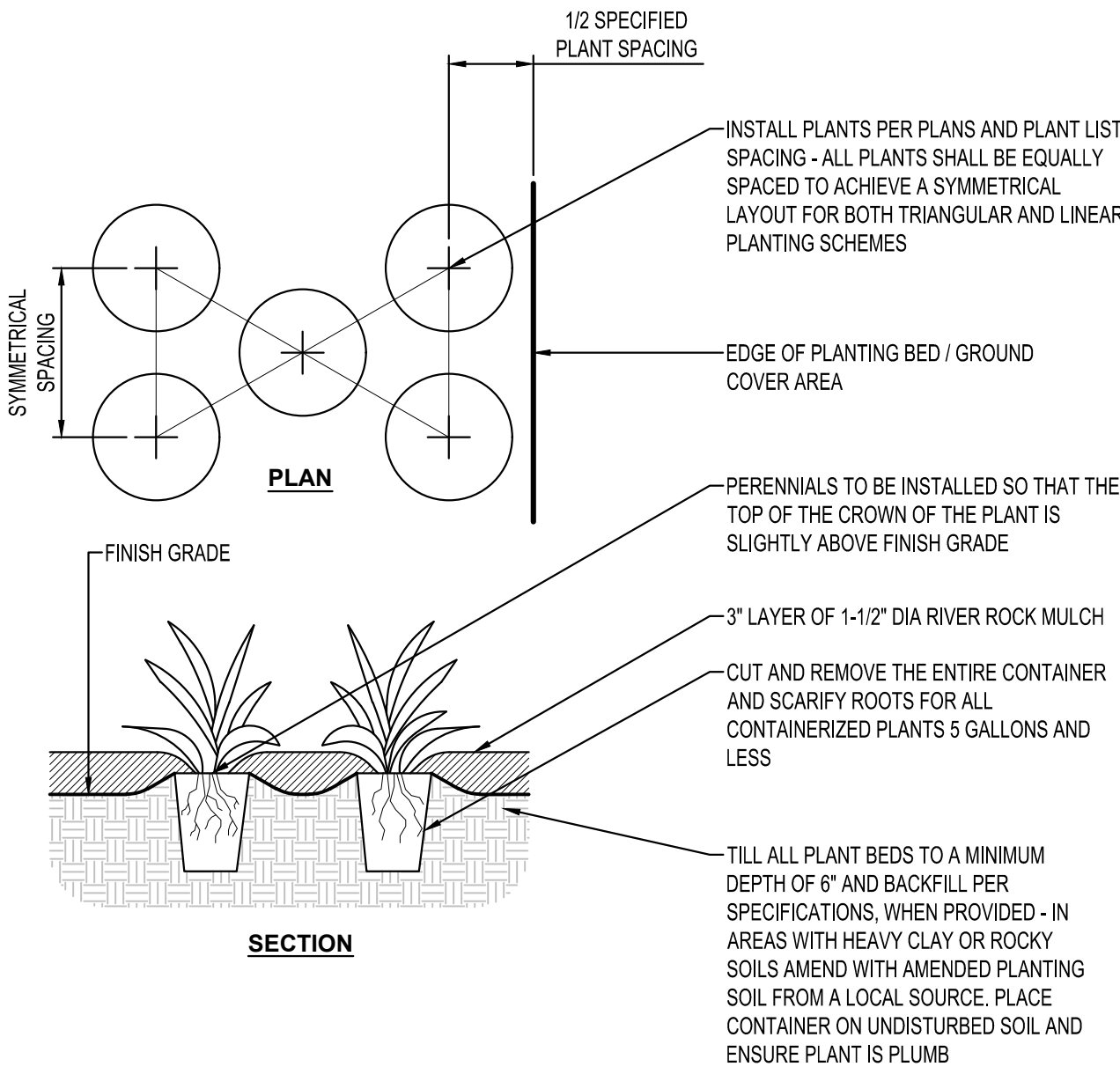
Drawing No.



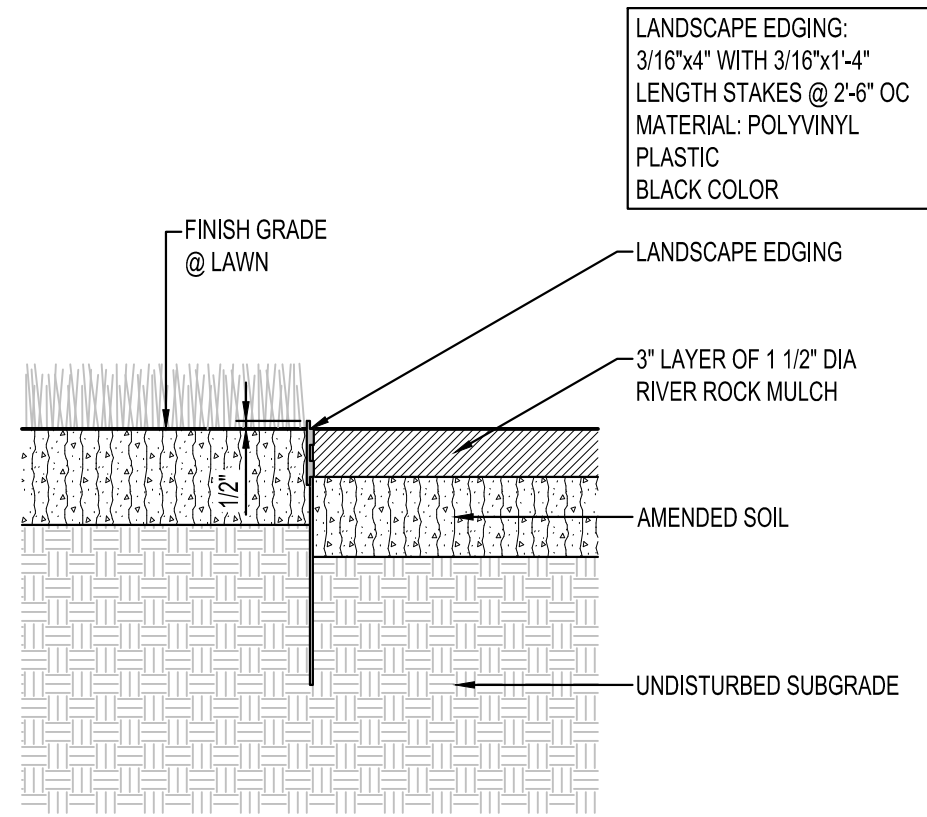
DECIDUOUS TREE PLANTING  
NTS



SHRUB PLANTING  
NTS



PERENNIAL PLANTING  
NTS



LANDSCAPE EDGING  
NTS

**IRRIGATION NOTES**

1. IRRIGATION SYSTEM SHALL BE CONSTRUCTED AS A DESIGN BUILD PROJECT. SUBMIT DESIGN DRAWINGS FOR APPROVAL BY OWNER.
2. ONLY PLANTING BEDS AND TURF AREAS SHALL BE SERVICED BY THE IRRIGATION SYSTEM. ALL IRRIGATION SHALL BE COMPATIBLE WITH LOCAL JURISDICTION CODE. IRRIGATION SHALL NOT OVER SPRAY ONTO ADJACENT HARDSCAPE, BUILDINGS, OR ANY OTHER NON-TURF AREAS.
3. PROVIDE ALL IRRIGATION LINE, SPRAY HEADS, SLEEVING UNDER HARDSCAPE, VALVES, WIRING, CONTROLLER, BACK-FLOW PREVENTOR, MAIN & LATER PIPES, CENTRAL CONTROL WATER MANAGEMENT SYSTEM, AND ALL OTHER REQUIRED ACCESSORIES.
4. CONFIRM POINT(S) OF CONNECTION AND CONTROL BOX LOCATIONS WITH OWNER PRIOR TO DESIGN OF IRRIGATION SYSTEM. COORDINATE LOCATIONS OF SLEEVING WITH ALL UTILITIES, FOOTINGS, AND ANY OTHER UNDERGROUND CONSTRUCTION.
5. IRRIGATION WATER METER TO BE INSTALLED BY PLUMBING CONTRACTOR.

**PLANTING NOTES**

1. COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (FENCE, FOOTINGS, TREE ROOTBALLS, ETC.). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO OWNER'S REPRESENTATIVE PRIOR TO CONTINUING WORK.
2. SAVE AND PROTECT ALL EXISTING TREES NOT NOTED TO BE REMOVED.
3. REMOVE ALL CONSTRUCTION DEBRIS AND MATERIALS INJURIOUS TO PLANT GROWTH FROM PLANTING PITS AND BEDS PRIOR TO BACKFILLING WITH PLANTING MIX.
4. REFER TO PLANTING DETAILS FOR AMENDED SOIL DEPTH IN PLANTING BEDS AND SURROUNDING TREES.
5. FIELD STAKE PLANTINGS ACCORDING TO PLAN. OWNER'S REPRESENTATIVE SHALL APPROVE ALL PLANT LOCATIONS PRIOR TO INSTALLATION. OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REVISE PLANTING LAYOUT AT TIME OF INSTALLATION.
6. ALL PLANT MATERIALS SHALL BE TRUE TO THEIR SCIENTIFIC NAME AND SIZE AS INDICATED IN THE PLANT SCHEDULE.
7. IF DISCREPANCIES EXIST BETWEEN THE NUMBER OF PLANTS DRAWN ON THE PLANTING PLAN AND THE NUMBER OF PLANTS IN THE SCHEDULE, THE PLANTING PLAN SHALL GOVERN.
8. ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE, AND ONLY AFTER WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.
9. ALL PLANT MATERIALS MUST CONFORM TO AMERICAN STANDARDS FOR NURSERY STOCK (ANSI Z60.1), LATEST EDITION PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, WASHINGTON D.C. LARGER SIZED PLANT MATERIALS OF THE SPECIES LISTED MAY BE USED IF THE STOCK CONFORMS TO ANSI Z60.1.
10. ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR TO BE IN A LIVE AND HEALTHY GROWING CONDITION FOR ONE FULL GROWING SEASON (ONE YEAR) AFTER FINAL PROJECT ACCEPTANCE OR SHALL BE REPLACED BY THE CONTRACTOR FREE OF CHARGE WITH THE SAME GRADE AND SPECIES.
11. ALL TREES SHALL HAVE A STRONG CENTRAL LEADER. ANY TREES DEEMED NOT TO HAVE A STRONG CENTRAL LEADER SHALL BE REJECTED.
12. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO CONSTRUCTION OPERATIONS. ANY AREAS THAT ARE DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
13. PROVIDE SHREDDED HARDWOOD MULCH SURROUNDING ALL PROPOSED TREES AND SHRUBS (5' Ø) WITHIN LAWN AND SEEDED AREAS TO A 4" MINIMUM DEPTH AS SHOWN IN TREE PLANTING DETAIL. DO NOT USE AN UNDERLAYMENT SUCH AS PLASTIC SHEET OR LANDSCAPE FABRIC. APPLY PRE-EMERGENT TO ALL PLANTING BEDS PRIOR TO MULCHING. REFER TO PLANS FOR ADDITIONAL DETAILS. REFER TO STORMWATER DETAILS FOR BASIN CONSTRUCTION AND MULCH APPLICATION.
14. ROCK MULCHING MATERIAL SHALL BE 1.5" DIA RIVER ROCK MULCH, 3" MINIMUM DEPTHS AT LOCATIONS INDICATED ON DRAWINGS. PROVIDE LANDSCAPE UNDERLAYMENT FABRIC IN ALL ROCK MULCH AREAS.
15. CONTRACTOR SHALL PROVIDE SAMPLE OF MULCH AND LANDSCAPE UNDERLAYMENT FABRIC TO BE APPROVED BY THE LANDSCAPE ARCHITECT.
16. INDICATED QUANTITIES ARE ESTIMATES AND SHALL BE CONFIRMED BY THE CONTRACTOR.
17. ADJUST SPACING OF PLANT MATERIALS AROUND ADJACENT UTILITY STRUCTURES.
18. TREES REQUIRE 30" MINIMUM OF SOIL DEPTH IN PLANTING ISLANDS.

**PLANTING NOTES CONTINUED**

1. TREES REQUIRE 440 CUBIC FEET OF SOIL FOR LARGE TREES, 300 CUBIC FEET OF SOIL FOR MEDIUM TREES AND 250 CUBIC FEET OF SOIL FOR SMALL TREES WITHIN PLANTING ISLANDS. FOR TREES IN A SHARED BED OR THREE SIDED ISLAND, 400 CUBIC FEET OF SOIL IS REQUIRED FOR LARGE TREES, 270 CUBIC FEET OF SOIL IS REQUIRED FOR MEDIUM TREES, AND 225 CUBIC FEET OF SOIL IS REQUIRED FOR SMALL TREES.
2. SOILS SHALL BE UNCOMPACTED EXISTING SOIL, NEW PLANTING SOIL, OR ENGINEERED SOILS DESIGNED TO ALLOW PLANT GROWTH. PREEXISTING SOILS SHOULD BE PROTECTED FROM COMPACTION DURING CONSTRUCTION. SOIL SHOULD BE LOOSENEED IF, AT ANY TIME OF PLANTING, SOIL COMPACTION EXCEEDS A BULK DENSITY (1 IN GRAMS PER CENTIMETERS SQUARED) OF >1.70 FOR SANDY, >1.50 FOR SILTY AND >1.25 FOR CLAY.
3. PROVIDE AT LEAST ONE FOOT OF MULCH BEYOND PLANTING BALL OR EXTENDED BARE ROOTS OF THE TREE.
4. IF USED, ONLY WATER PERMEABLE FABRIC IS PERMITTED AS A WEED BARRIER.
5. LEAVE ONE INCH OF SPACE FROM THE TOP OF THE MULCH LAYER TO ADJACENT HARDSCAPE SURFACES TO PREVENT SPILLING.
6. MULCH SHOULD NOT BE MIXED WITH UNDERLYING SOIL.
7. TREE PLANTING PITS SHALL DRAIN ADEQUATELY.
8. BOLLARDS, BARRIERS, OR SPACING MAY BE NECESSARY TO PROTECT TREES FROM CARS, BIKE PARKING SHOULD BE INCLUDED TO DISCOURAGE LOCKING BIKES TO TREES.
9. ALL TREES SHALL BE PLANTED SO THAT THE FIRST BRANCH ROOTS ARE AT OR BARELY BELOW THE SURFACE. TOPS OF BALLED OR BURLAPPED BALLS SHOULD BE DUG DOWN TO THE FIRST BRANCH ROOTS.
10. LANDSCAPING SHALL BE MAINTAINED TO BE WEED-FREE, HEALTHY, TRIMMED, MOWN, EDGED, RESEDED, PRUNED AND REPLACED WITH SIMILAR PLANT SPECIES IF NECESSARY.
11. ALL PLANTINGS REQUIRE REGULAR WATERING FOR AT LEAST THE FIRST THREE YEARS TO GET ESTABLISHED.
12. PLANTS SHALL BE PRUNED TO AVOID CONFLICT WITH OTHER STRUCTURES, REMOVE DEAD OR DISEASED LIMBS AND FOR OPTIMUM SHAPING. TOPPING OR EXTREME CROWN REDUCTION IS PROHIBITED UNLESS THE TREE IS A SAFETY HAZARD OR SUCH MEASURES ARE APPROVED BY THE CITY.
13. TREES OVERHANGING WALKWAYS SHOULD BE PRUNED UP TO 7' WHEN MATURE. TREES OVERHANGING STREETS SHOULD BE PRUNED UP TO 10' WHEN MATURE. SMALLER TREES SHOULD RECEIVE LIMITED PRUNING APPROPRIATE TO THE SIZE AND AGE OF THE TREE. BRANCHES THAT ARE HAZARDOUS FOR ANY REASON SHALL BE REMOVED IMMEDIATELY. THE CITY MAY DIRECT PRUNING.

Issued:	Date:
A CITY SUBMITTAL SET #1	02/07/25
B CITY SUBMITTAL SET #2	03/25/25
C ISSUED FOR BID	04/07/25
D CITY SUBMITTAL 3	05/09/25
E ISSUED FOR CONSTRUCTION	06/09/25
Revisions:	Date:
1	
2	
3	
4	
5	
6	
7	
8	
9	

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 LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

MITCHELL G. COOKAS

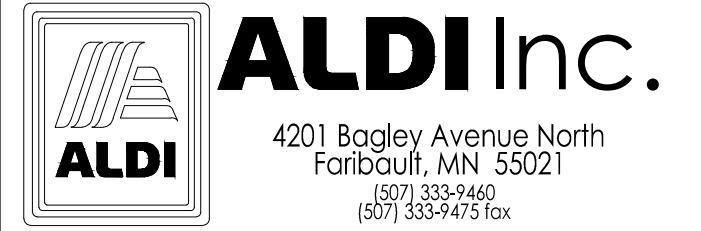
*Mitchell G. Cookas*

DATE: 04/23/2025 LIC. NO. 56522

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



**MANAGING LOCATION:**  
**BLOOMINGTON OFFICE**  
**7900 INTERNATIONAL DRIVE**  
**SUITE 550**  
**MINNEAPOLIS, MN 55425**  
**PHONE: 952.426.0699**



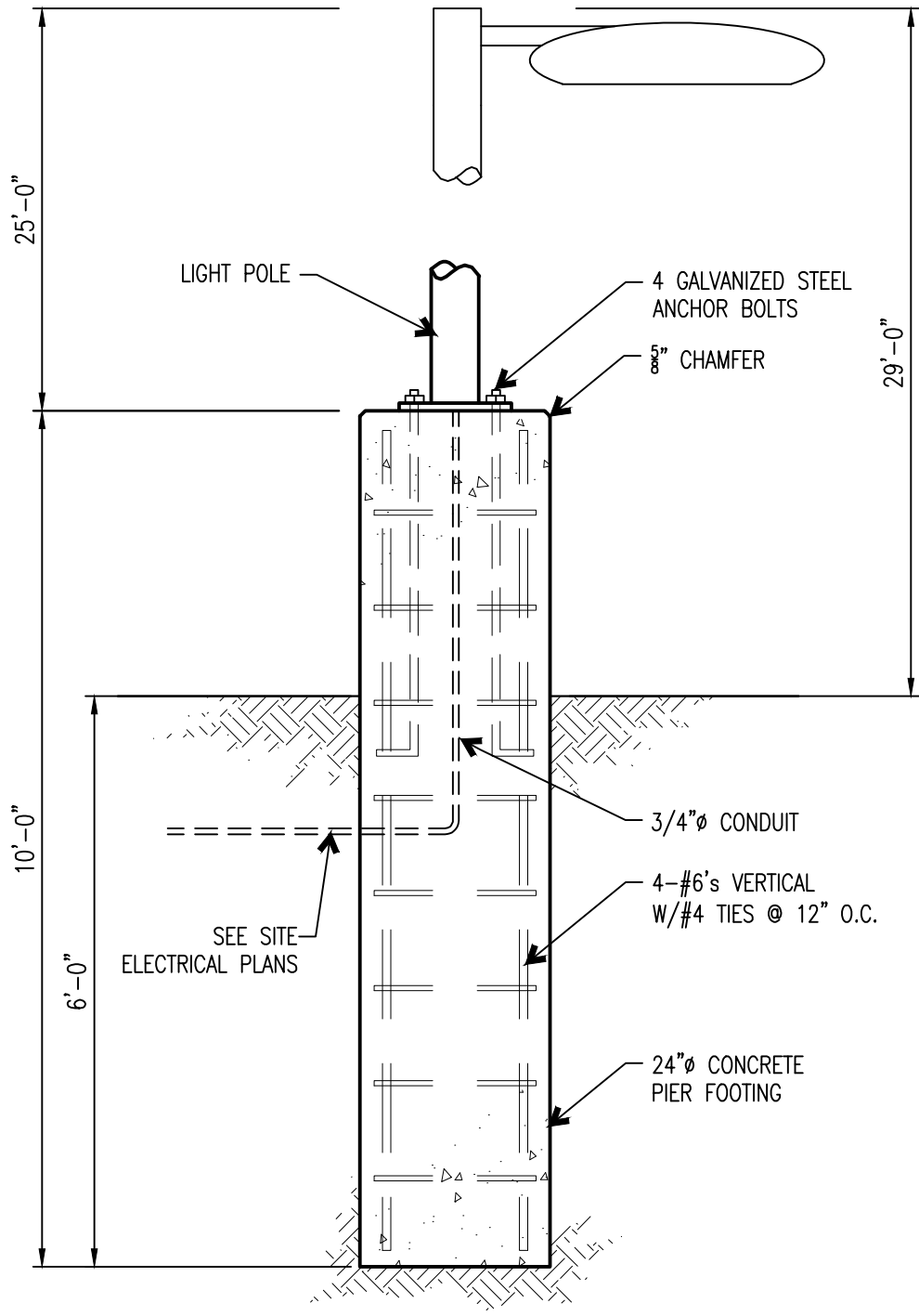
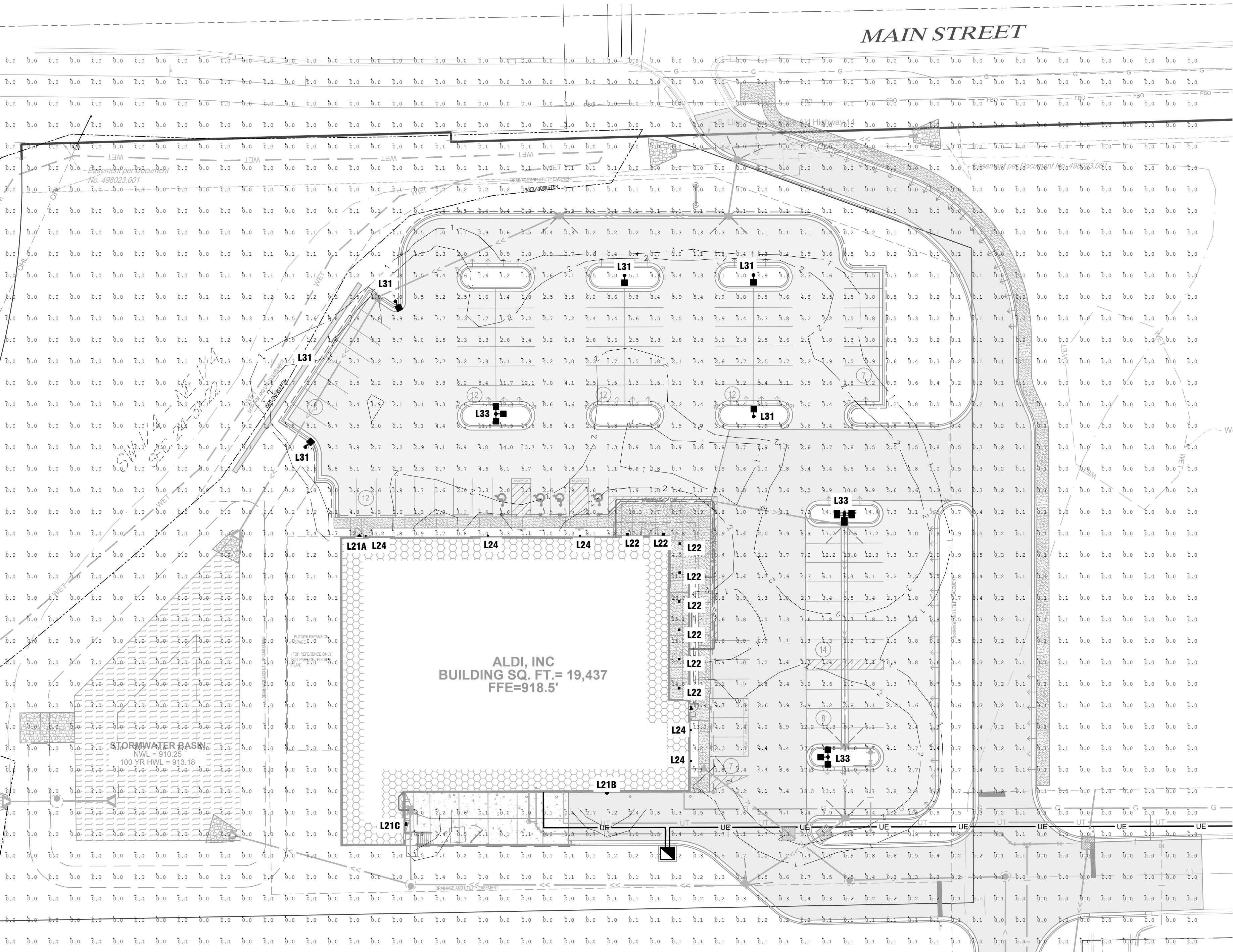
**ALDI Inc. Store #: 154**  
**LINO LAKES, MN**  
**7085 OTTER LAKE ROAD**  
**LINO LAKES, MN 55038**  
**ANOKA COUNTY**

Project Name & Location:

**PLANTING DETAILS  
AND NOTES**

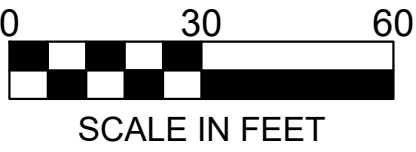
Drawing Name:	ISG Project No.
Type: V7.0 ER	29782
Drawn By: JV	
Designed By: JV	C-530
Reviewed By: MC	Drawing No.

Provide light fixtures as shown on Fixture Schedule. Substitutions shall have prior approval by the Project Engineer before bid date. Being listed as an acceptable Manufacturer in no way relieves the Contractors obligation to provide all equipment and features in accordance with these specifications.				
LIGHT FIXTURE SCHEDULE				
TYPE	STYLE	MANUFACTURER/MODEL NUMBER	LAMPS	REMARKS
L21A	BUILDING MOUNTED WALL PACK	ARCHIPELAGO #LWPC 26 S3 N U S M1	26W LED - 3,800 LUMENS	MOUNT FIXTURE AT 9'-0" ABOVE FINISHED FLOOR
L21B	BUILDING MOUNTED WALL PACK	ARCHIPELAGO #LWPC 26 S3 N U S M1	26W LED - 3,800 LUMENS	MOUNT FIXTURE AT 10'-0" ABOVE FINISHED FLOOR
L21C	BUILDING MOUNTED WALL PACK	ARCHIPELAGO #LWPC 26 S3 N U S M1	26W LED - 3,800 LUMENS	MOUNT FIXTURE AT 12'-0" ABOVE FINISHED FLOOR
L22	CANOPY	LITHONIA #WDGE2 LED P4 30K 80CRI VW MVOLT SRM DNAXO	35W LED - 4,357 LUMENS	MOUNT FIXTURE ON UNDERSIDE OF CANOPY
L24	ACCENT CYLINDER	RP LIGHTING #4424BA-17-3K	17W LED - 1,105 LUMENS	MOUNT FIXTURE AT 14'-6" ABOVE FINISHED FLOOR PROVIDE FIXTURE WITH <u>DOWN LIGHT ONLY</u>
L25	NOT USED			
L31	SITE POLE SINGLE HEAD	GE CURRENT #EAQL010F4AF750ND01 GE CURRENT #SSS-H-25-40-B-2-PSS-S2	122W LED - 14,700 LUMENS	FIXED ARM MOUNT 25'-0" POLE
L32	NOT USED			
L33	SITE POLE TRIPLE HEAD @ 90 POLE	GE CURRENT #EAQL010F4AF750ND01 GE CURRENT #SSS-H-25-40-B-2-PSS-S2	(3) 122W LED - 14,700 LUMENS	3@ 90 FIXED ARM MOUNT 25'-0" POLE
L34	NOT USED			
Note: All light fixtures shall be full-cutoff fixtures, which do not allow light to be emitted above 90 degrees.				



1 LIGHT POLE DETAIL  
N.T.S.

FOOTCANDLE LEGEND	
	1.00 FOOTCANDLE LINE
	2.00 FOOTCANDLE LINE
<b>NOTE:</b> SEE ELECTRICAL PLAN FOR SITE ELECTRICAL LAYOUT	



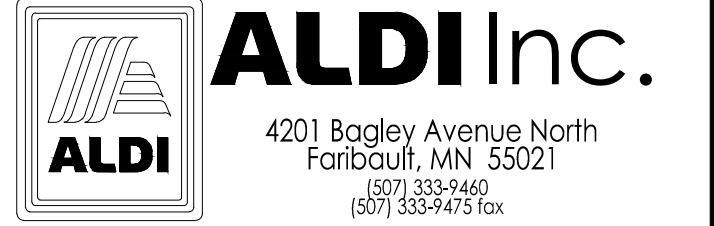
Issued:		Date:
A	CITY SUBMITTAL SET #1	02/07/25
B	CITY SUBMITTAL SET #2	03/25/25
C	ISSUED FOR BID	04/07/25
D	CITY SUBMITTAL 3	05/09/25
E	ISSUED FOR CONSTRUCTION	06/09/25
Revisions:		Date:
1		
2		
3		
4		
5		
6		
7		
8		
9		

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.

*Ryan Anderson*  
DATE: 03/26/2025 LIC. NO. 55938  
SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



**MANAGING LOCATION:**  
ROGERS OFFICE  
3100 MARKET STREET  
SUITE 106  
ROGERS, AR 72758  
PHONE: 479.974.1601



ALDI Inc. Store #: 154  
LINO LAKES, MN  
7085 OTTER LAKE ROAD  
LINO LAKES, MN 55038  
ANOKA COUNTY

Project Name & Location:

SITE LIGHTING PLAN

Drawing Name:		ISG Project No.  29782
Type:	V7.0 ER	
Drawn By:	PSH	C-610
Designed By:	PSH	
Reviewed By:	JMF	Drawing No.

ARCHIPELAGO  
LIGHTING

LuxoARCH

LWPC | Nightwatch

Product Data Sheet

COMMERCIAL-GRADE

Full-Cutoff Wallpack

26W — 135W

Product Overview

The LuxoARCH LED full-cutoff wall pack is engineered to protect against vandalism and even bad weather, these fixtures may be paired with photocells to optimize performance. It's design is unique for perimeter illumination and is armed with rugged cast-aluminum corrosion-resistant housing with polyester power-coating for longer lifespan and durability.

Featuring shatter-resistant polycarbonate or glass lens, tamper-proof die-cast aluminum housing and designed to weather extremes, the LWPC-series will exceed lighting demands for driveways, outdoor entry-ways and other general commercial areas.

Product Warranty\*

7-Year Warranty

75,000 Hrs

\* Standard warranty. Extended warranty available.

Applications

Perimeter

Pathways

Entryways

Security

Main Features

- Weather Resistant, Sealed Die-Cast Aluminum
- Two-Piece Die-Cast Aluminum Housing Secures the Thermally Conductive LED Board and Electronics
- Suitable for Extreme Applications Requiring 3G Testing Prescribed by ANSI C136.31
- Optional Photocell Allows for Security and Optimized Efficiency
- Mounts Directly to Wall Surface or J-Box
- Thermally Isolated Driver Design
- Replaces Up To 400W MH

Archipelago Lighting, Inc.

Headquarter: 4615 State Street, Montclair, CA 91763

USA Production: 8345 Sycamore Canyon Blvd, Riverside, CA 92508

Contact Us

www.archipelagolighting.com

+1 (866) 912-3220

EVOLVE

CUSTOMER NAME

PROJECT NAME

DATE

CATALOG NUMBER

ALDI Stores

TYPE L22

ECLS010A5SM73011RMGRAY

ECLS Soffit

LED Canopy Light

The Evolve® Canopy LED Soffit (ECLS) offers energy efficiency and quality of light in a sleek low-profile look and style. The ECLS features a diffused aperture which spreads the source lumens for even light distribution and low glare. To be used for sealed deck applications only (enclosed canopy or soffit).

Construction

Housing:

Lens:

Paint:

Weight:

Aluminum die cast enclosure. Integral heat sink for maximum heat transfer

Impact resistant tempered glass

Corrosion resistant polyester powder paint, minimum 2.0 mil thickness  
Standard = Black, Dark Bronze Gray, White (RAL & custom colors available)

10 lbs (4.5 kg) - 12.5 lbs (5.7 kg)

Optical System

Lumens:

Distribution:

Efficacy:

CCT:

CRI:

3,600 - 7,100

Symmetric Medium

119 - 138 LPW

3000K, 4000K, 5000K

≥70

Electrical

Input Voltage:

Input Frequency:

Power Factor:

Total Harmonic Distortion:

Surge Protection:

120-277V & 347V

50/60Hz

>90% at rated watts

<20% at rated watts

Standard Surge 6kV/3kA

Warranty

☐ 5 Year (Standard)

Lumen Maintenance

Projected Lxx per IES TM-21-11 at

LUMEN CODES	LXX(10K) @ HOURS		
	25,000 HR	50,000 HR	60,000 HR
T5	L96	L92	L91
A5	L95	L93	L92
B5	L95	L93	L92

Note: Projected Lxx based on LM80 (≥ 10,000 hour testing). Accepted industry tolerances apply to initial luminous flux and lumen maintenance measurements.

Luminaire Ambient Temperature Factor

AMBIENT TEMP (°C)	INITIAL FLUX FACTOR	AMBIENT TEMP (°C)	INITIAL FLUX FACTOR
10	1.02	30	0.99
20	1.01	40	0.98
25	1.00	50	0.97

Ratings

Operating Temperature:

Vibration:

LM-79:

-40°C to 50°C

15G per Per ANSI C136.31-2010:

Testing in accordance with IESNA Standards

Controls

Dimming:

Sensors:

Standard - 0-10V

Motion with Integrated Photoelectric control, Daintree Compatible

Warranty

☐ 5 Year (Standard)

CurrentLED.com

© 2023 Current Lighting Solutions, LLC. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

Page 1 of 7

(Rev 06/28/23)

OLP3106\_R06

4424

120V

3" LED Architectural Cylinder Up & Downlight

Catalog #:

Project:

Prepared by:

4424BA-17-3K

ALDI Stores

Type

L24

Date

10-1/4"

3-9/16"

6-1/8"

3-15/16"

DESCRIPTION

The Outdoor LED Cylinder Family features wet location rated wall mount style cylinders with down light and up & down light options. Choose from energy efficient 13W or 17W AC modules, with finishes available in white, black, brushed nickel, or oil-rubbed bronze. Features Triac dimming down to 5%, using most standard dimmers. Utilizes AC circuit on board technology for cooler operating temperature and extended lifetime.

DESIGN FEATURES

Construction

Electrical

Installation

Lens

Aluminum die-cast with powder coat finish

- 120V Direct AC operation with DOB
- Triac dimming down to 5%
- Various wattages of modules available
- Cooler operating temperature without driver
- Stable driving current prevents inrush damage to circuit switches and modules
- Operating temperature: -31°F (-35°C) to 122°F (50°C)
- Available in 80CRI, 3000K & 4000K

Easy surface mounting for simple installation using anchors and screws  
J-box mountable

Clear acrylic lens protects LEDs while allowing for optimum lumen output  
37° Beam angle

Finish

Certifications

Available in black, brushed aluminum and oil-rubbed bronze

- cCSAus for wet location
- 5 year limited warranty
- Wet location rated

WET

CSAus

UL LISTED

ETL

Optical Only

TEL: 800.937.6925 | Fax: 800.207.9509 | www.rplighting.com

RP

LIGHTING - FANS

EVOLVE

CUSTOMER NAME

PROJECT NAME

DATE

CATALOG NUMBER

ALDI Stores

TYPE L31-L34

EACL010F4AF750NDD1ALUM

EACL® Series

LED Area Light/Compact Low Wattage

Current's EAL Series of Area Light  
Luminaires offer a wide range of optical patterns, color temperatures, lumen packages, and mounting configurations to optimize area light applications, as well as provide versatility in lighting design within the same form factor.

Construction

Housing:

Paint:

Weight:

Die-cast aluminum housing with integral heat sink for maximum heat transfer

Corrosion resistant polyester powder paint, minimum 2.0 mil thickness

Standard = Black, Dark Bronze Gray, White (RAL & custom colors available)  
Optional coastal finish available

18 lbs (8.16 kg) Max depending on configuration

Optical System

Lumens:

Distribution:

Efficacy:

CCT:

CRI:

2,900 - 20,400

Asymmetric Forward Type IV  
Asymmetric Wide Type III  
Asymmetric Narrow/Auto Type II

123 - 143 LPW

3000K, 4000K, 5000K

≥70

Electrical

Input Voltage:

Input Frequency:

Power Factor:

Total Harmonic Distortion:

120-277V & 347-480V

50/60Hz

> 90% at rated watts

< 20% at rated watts

Surge Protection\*

TYPICAL (120-277V)

ENHANCED (48-575V)

☐ 6kV/3kA\*

☐ 10kV/5kA\*

Warranty

☐ 5 Year (Standard)

Lumen Maintenance

Projected Lxx per IES TM-21-11 at 25°C

LUMEN CODES	LXX(10K) @ HOURS		
	25,000 HR	50,000 HR	60,000 HR
A2, A3, A4, B2, B3, B4, C2, C3, C4D2, D3, D4, E2, E3, E4, F2, F3, F4	L94	L90	L88
H2,H3, H4	L97	L96	L96

Note: Projected Lxx based on LM80 (≥ 10,000 hour testing). Accepted industry tolerances apply to initial luminous flux and lumen maintenance measurements.

Luminaire Ambient Temperature Factor

AMBIENT TEMP (°C)	INITIAL FLUX FACTOR	AMBIENT TEMP (°C)	INITIAL FLUX FACTOR
10	1.02	30	0.99
20	1.01	40	0.98
25	1.00	50	0.97

Ratings

Operating Temperature:

Vibration:

LM-79:

-40°C to 50°C

3G vibration per ANSI C136.31-2018

Testing in accordance with IESNA Standards

Controls

Dimming:

Sensors:

Standard - 0-10V  
Optional - DALI (Option U)

Photo Electric Sensors (PE) available  
LightGrid and Daintree Compatible

Warranty

☐ 5 Year (Standard)

CurrentLED.com

© 2023 Current Lighting Solutions, LLC. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

Page 1 of 10

(Rev 09/06/23)

OLP3157-Evolve-LED-Area-Lighting-EACL-Spec-Sheet\_R06

Issued:

Date:

A

CITY SUBMITTAL SET #1

02/07/25

B

CITY SUBMITTAL SET #2

03/25/25

C

ISSUED FOR BID

04/07/25

D

CITY SUBMITTAL 3

05/09/25

E

ISSUED FOR CONSTRUCTION

06/09/25

Revisions:

Date:

1

2

3

4

5

6

7

8

9

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.

Ryan Anderson

DATE: 03/26/2025 LIC. NO. 55938

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.

MANAGING LOCATION:  
ROGERS OFFICE

3100 MARKET STREET

SUITE 106

ROGERS, AR 72758

PHONE: 479.974.1601

ALDI Inc.

4201 Bagley Avenue North

Faribault, MN 55021

(507) 333-7460

(507) 333-9475 Fax

ALDI Inc. Store #: 154

LINO LAKES, MN

7085 OTTER LAKE ROAD

LINO LAKES, MN 55038

ANOKA COUNTY

Project Name & Location:

SITE LIGHTING

CATALOGUE PAGES

Drawing Name:

Type: v7.0 ER

Drawn By: PSH

Designed By: PSH

Reviewed By: JMF

ISG Project No.

29782

C-620

Drawing No.



CIVIL PLAN ABBREVIATIONS:

AC	ACRE	CIPC	CAST IN PLACE CONCRETE	ELEV	ELEVATION	GFE	GARAGE FLOOR ELEVATION	IP	IRON PIPE	NTS	NOT TO SCALE	RAD	RADIUS	TEL	TELEPHONE
ADA	AMERICANS WITH DISABILITIES ACT	CI	CONTROL JOINT	EOF	EMERGENCY OVERFLOW	GL	GUTTER LINE	IPS	IRON PIPE SIZE	NWL	NORMAL WATER LEVEL	RCP	REINFORCED CONCRETE PIPE	TEMP	TEMPORARY
ADD	ADDENDUM	CL	CENTERLINE	EQ	EQUAL	OC	ON CENTER	J-BOX	JUNCTION BOX	OCW	ON CENTER EACH WAY	RD	ROOF DRAIN	THRU	THROUGH
AFF	ABOVE FINISHED FLOOR	CMP	CORRUGATED METAL PIPE	EX	EXISTING	GV	GATE VALVE	JT	JOINT	REBAR	REINFORCING BAR	REAR	REINFORCING BAR	TNTH	TOP NUT OF FIRE HYDRANT
AGG	AGGREGATE	CO	CLEANOUT	FDC	FIRE DEPARTMENT CONNECTION	HDPE	HIGH DENSITY POLYETHYLENE	LF	LINEAR FEET	OH	OVERHEAD	REM	REMOVE	TRANS	TRANSFORMER
APPROX	APPROXIMATE	CONC	CONCRETE	FDN	FOUNDATION	HD	HEAVY DUTY	LN	LINEAR	ROW	RIGHT OF WAY	R/W	RIGHT OF WAY	TV	TELEVISION
ARCH	ARCHITECT; ARCHITECTURAL	CONST	CONSTRUCTION	FES	FINISHED END SECTION	HH	HANDHOLE	LPS	LOW PRESSURE STEAM	OZ	OUNCE	SAN	SANITARY	T/W	TOP OF WALL
BFE	BASEMENT FLOOR ELEVATION	CONT	CONTINUOUS	FFE	FINISHED FLOOR ELEVATION	HORIZ	HORIZONTAL	LS	LUMP SUM	PED	PEDESTAL, PEDESTRIAN	SCH	SCHEDULE	TYP	TYPICAL
BIT	BITUMINOUS	CY	CUBIC YARD	FPM	FEET PER MINUTE	HR	HOUR	LSO	LOWEST STRUCTURAL OPENING	PERF	PERFORATED	SCH	SCHEDULE	UT	UTILITY, UNDERGROUND
BM	BENCHMARK	C&G	CURB AND GUTTER	FPS	FEET PER SECOND	HWL	HIGH WATER LEVEL	MAX	MAXIMUM	PL	PROPERTY LINE	SF	SQUARE FOOT	UT	UTILITY, UNDERGROUND
CD	COMPUTER-AIDED DESIGN	DEMO	DEMOLITION	FT	FOOT, FEET	HWY	HIGHWAY	MB	MAIL BOX	PP	POLYPROPYLENE	SPEC	SPECIFICATION	VCP	VITRIFIED CLAY PIPE
CAB	CATCH BASIN	DIA	DIAMETER	FTG	FOOTING	HYD	HYDRANT	MECH	MECHANICAL	PSI	POUNDS PER SQUARE INCH	SQ	SQUARE	W/O	WITHOUT
CFS	CUBIC FEET PER SECOND	DIM	DIMENSION	GA	GAUGE	I	INVERT	MH	MANHOLE	PVC	POLYVINYL CHLORIDE	STA	STATION	W/	WITH
CF	CUBIC FOOT	DS	DOWNSPOUT	GAL	GALLON	ID	INSIDE DIAMETER	MIN	MINIMUM	PVMT	PAVEMENT	STM	STORM	YD	YARD
CI	CAST IRON	EA	EACH	GALV	GALVANIZED	IN	INCH	MISC	MISCELLANEOUS	QTY	QUANTITY	SY	SQUARE YARD	YR	YEAR
CIP	CAST IRON PIPE	ELEC	ELECTRICAL	GC	GENERAL CONTRACTOR	INV	INVERT	NO	NUMBER	R	RIM	T/C	TOP OF CURB		

PROJECT ADDRESS / LOCATION:

MAIN STREET & OTTER LAKE ROAD  
SECTION 24 T31N R22W  
LINO LAKES, MN  
ANOKA COUNTY

SITE SUMMARY

ZONING:	GB - GENERAL BUSINESS DISTRICT
SITE/LOT AREA:	177,890 SQ. FT / 4.08 AC
IMPERVIOUS AREA:	89,450 SQ. FT / 2.05 AC 50.29%
GREENSPACE PROVIDED:	88,440 SQ. FT / 2.03 AC 49.71%

PARKING REQUIREMENTS (PER CITY CODE)

TYPE	UNIT / AREA	STALLS REQUIRED	STALLS PROVIDED
RETAIL FLOOR SF = 17,493	1 / 200 SF	87	92
TOTAL:		87	92

SETBACKS

	PARKING	BUILDING
NORTH (FRONT YARD)	15'-0"	40'-0"
EAST (SIDE YARD)	10'-0"	10'-0"
SOUTH (REAR YARD)	10'-0"	30'-0"
WEST (SIDE YARD)	15'-0"	40'-0"

PROJECT GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER - CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS, AND CLARIFICATIONS ISSUED BY ARCHITECT/ENGINEER.
- CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK.
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
- ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED, AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
- ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
- THE LOCATION AND TYPE OF ALL EXISTING UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY AND ARE ACCURATE AND COMPLETE TO THE BEST OF THE KNOWLEDGE OF I & S GROUP, INC. (ISG). NO WARRANTY OR GUARANTEE IS IMPLIED. THE CONTRACTOR SHALL VERIFY THE SIZES, LOCATIONS, AND ELEVATIONS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.
- THE CONTRACTOR IS TO CONTACT "GOPHER STATE ONE CALL" FOR UTILITY LOCATIONS A MINIMUM OF 2 BUSINESS DAYS PRIOR TO ANY EXCAVATION / CONSTRUCTION (1-800-252-1166).

SPECIFICATIONS REFERENCE

ALL CONSTRUCTION SHALL COMPLY WITH THE PROJECT SPECIFICATIONS, CITY OF LINO LAKES, MN REQUIREMENTS AND MnDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2020 EDITION. THE STANDARD SPECIFICATIONS FOR SANITARY SEWER, STORM DRAIN AND WATERMAIN AS PROPOSED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA, 2023 EDITION, AND THE CURRENT VERSION OF THE MINNESOTA STATE PLUMBING CODE UNLESS DIRECTED OTHERWISE.

PROJECT DATUM

HORIZONTAL COORDINATES HAVE BEEN REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), 1996 ADJUSTMENT (NAD83(1996)) ON THE ANOKA COUNTY COORDINATE SYSTEM, IN U.S. SURVEY FEET. ELEVATIONS HAVE BEEN REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). RTK GPS METHODS WERE USED TO ESTABLISH HORIZONTAL AND VERTICAL COORDINATES FOR THIS PROJECT.

TOPOGRAPHIC SURVEY

THIS PROJECT'S TOPOGRAPHIC SURVEY CONSISTS OF DATA COLLECTED IN SEPTEMBER 2024 BY ISG.

CONSTRUCTION STAKING

OWNER TO PROVIDE 10 TRIPS TO THE CONSTRUCTION SITE FOR STAKING PURPOSES. STAKING SHALL INCLUDE ANY COMBINATION OF THE FOLLOWING: GRIDLINES WITH OFFSETS, ROUGH GRADE STAKING, UTILITIES, CURB & GUTTER, LIGHT POLES, SIGNS, SIDEWALK. ANY ADDITIONAL SURVEY WORK NEEDED OR REQUIRED SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO EMPLOY AND PAY ISG, INC. CONTACT RYAN ANDERSON WITH ISG, INC. AT (952) 426-0699 FOR PRICING INFORMATION.

LEGEND

EXISTING	
---	CITY LIMITS
---	SECTION LINE
---	QUARTER SECTION LINE
---	RIGHT OF WAY LINE
---	PROPERTY / LOTLINE
---	EASEMENT LINE
---	ACCESS CONTROL
---	WATER EDGE
---	WETLAND BOUNDARY
---	WETLAND / MARSH
---	FENCE LINE
---	CULVERT
---	STORM SEWER
---	SANITARY SEWER
---	SANITARY SEWER FORCEMAIN
---	WATER
---	GAS
---	OVERHEAD ELECTRIC
---	UNDERGROUND ELECTRIC
---	UNDERGROUND TELEPHONE
---	UNDERGROUND TV
---	OVERHEAD UTILITY
---	UNDERGROUND UTILITY
---	UNDERGROUND FIBER OPTIC
---	CONTOUR (MAJOR)
---	CONTOUR (MINOR)
---	DECIDUOUS TREE
---	CONIFEROUS TREE
---	TREE LINE
---	MANHOLE/STRUCTURE
---	CATCH BASIN
---	HYDRANT
---	VALVE
---	CURB STOP
---	POWER POLE
---	UTILITY PEDESTAL / CABINET

PROPOSED

---	LOT LINE
---	RIGHT OF WAY
---	EASEMENT
---	CULVERT
---	STORM SEWER
---	STORM SEWER (PIPE WIDTH)
---	SANITARY SEWER
---	SANITARY SEWER (PIPE WIDTH)
---	WATER
---	GAS
---	OVERHEAD ELECTRIC
---	UNDERGROUND ELECTRIC
---	UNDERGROUND TV
---	CONTOUR
---	MANHOLE
---	CATCH BASIN
---	HYDRANT
---	VALVE

CIVIL SHEET INDEX

C-010	SITE DATA SHEET
C-020	SITE DETAILS
C-021	SITE DETAILS
C-022	SITE DETAILS
C-023	SITE DETAILS
C-024	SITE DETAILS
C-025	SITE DETAILS
C-026	SITE DETAILS
C-027	PYLON SIGN DETAIL
C-110	SWPPP NOTES
C-111	SWPPP NOTES
C-120	SITE EROSION CONTROL PLAN
C-130	SWPPP DETAILS
C-131	SWPPP DETAILS
C-210	EXISTING SITE AND REMOVAL PLAN
C-300	BID BREAKOUT PLAN
C-310	SITE PLAN
C-320	SITE UTILITY PLAN
C-321	HYDRANT COVERAGE PLAN
C-322	SITE TRUCK TURNING
C-400	LANDLORD HOLD DOWN GRADING PLAN
C-410	SITE GRADING PLAN
C-411	BUILDING GRADING PLAN
C-510	SITE RESTORATION PLAN
C-520	SITE PLANTING PLAN
C-530	PLANTING DETAILS AND NOTES
C-610	SITE LIGHTING PLAN
C-620	SITE LIGHTING CATALOGUE PAGES

B.M. ELEVATION=921.47'

TOP NUT OF FIRE HYDRANT ON THE  
SOUTHWEST CORNER OF MAIN  
STREET AND OTTER LAKE ROAD

Issued: Date:

A	CITY SUBMITTAL SET #1	02/07/25
B	CITY SUBMITTAL SET #2	03/25/25
C	ISSUED FOR BID	04/07/25
D	CITY SUBMITTAL 3	05/09/25
E	ISSUED FOR CONSTRUCTION	06/06/25
Revisions:		Date:
1		
2		
3		
4		
5		
6		
7		
8		
9		

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.

*Ryan Anderson*  
DATE: 03/26/2025 LIC. NO. 55938

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.

ISG

MANAGING LOCATION:  
BLOOMINGTON OFFICE

7900 INTERNATIONAL DRIVE  
SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



ALDI Inc.  
4201 Bagley Avenue North  
Faribault, MN 55021  
(507) 333-7460  
(507) 333-7475 fax

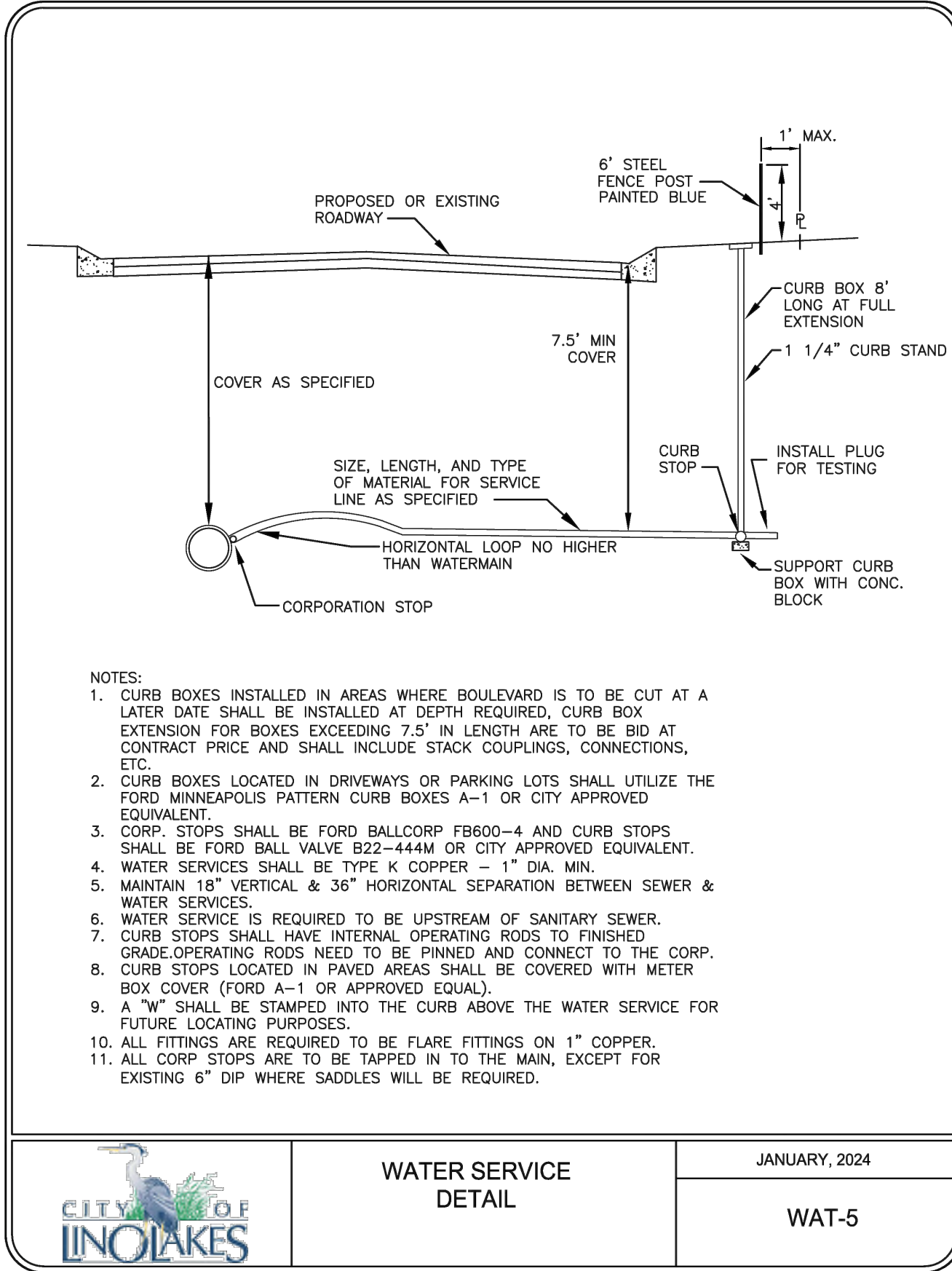
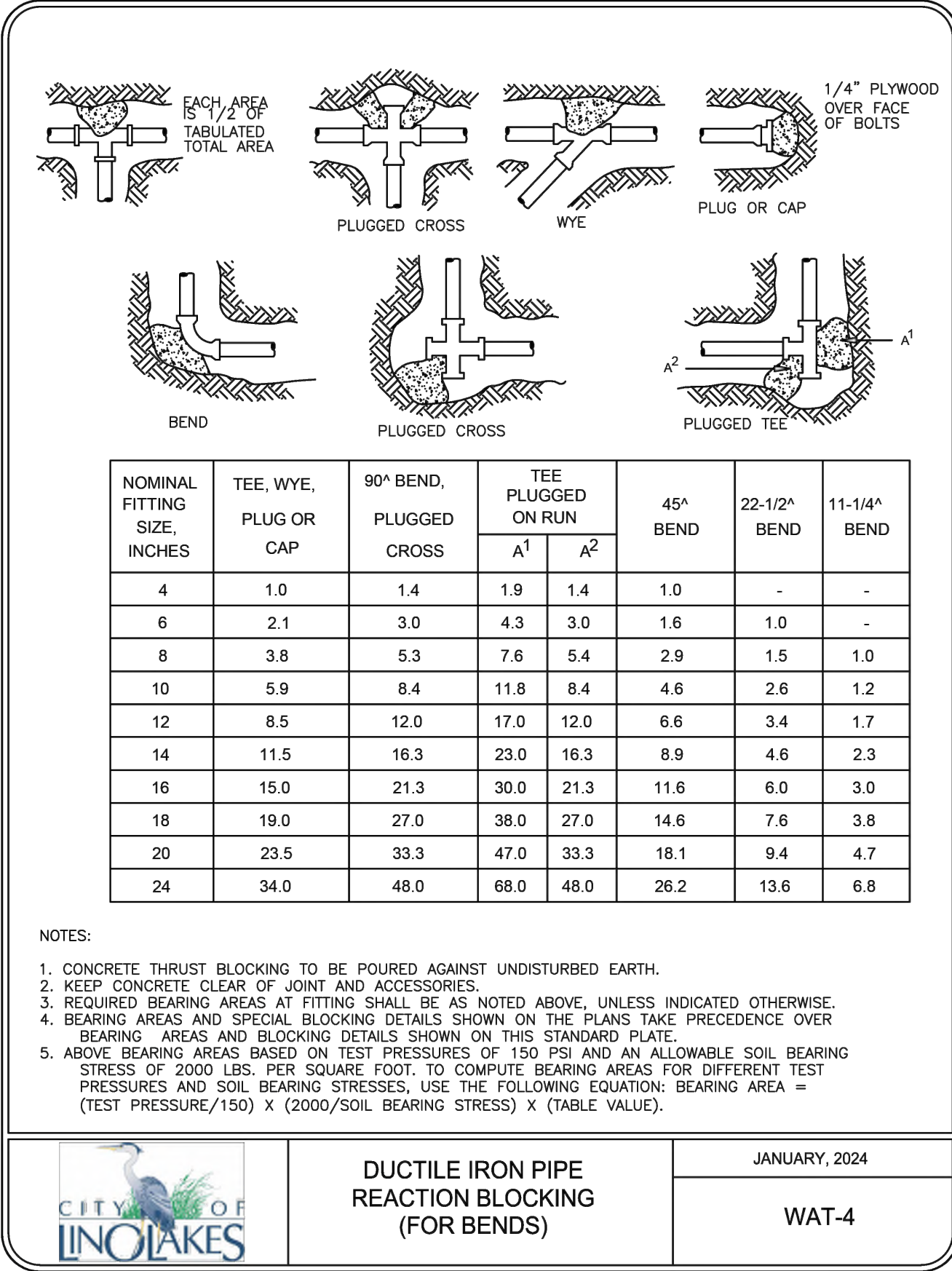
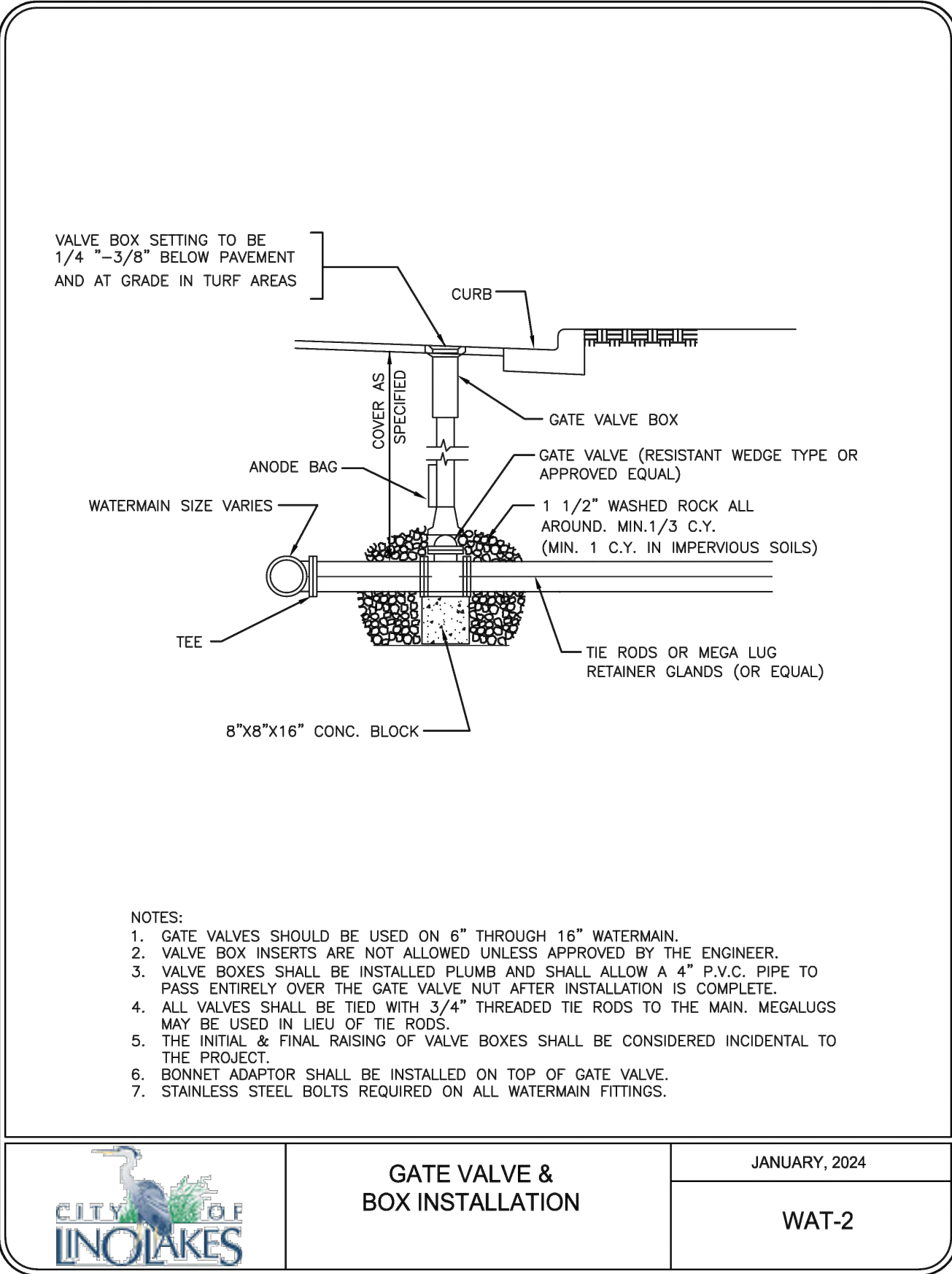
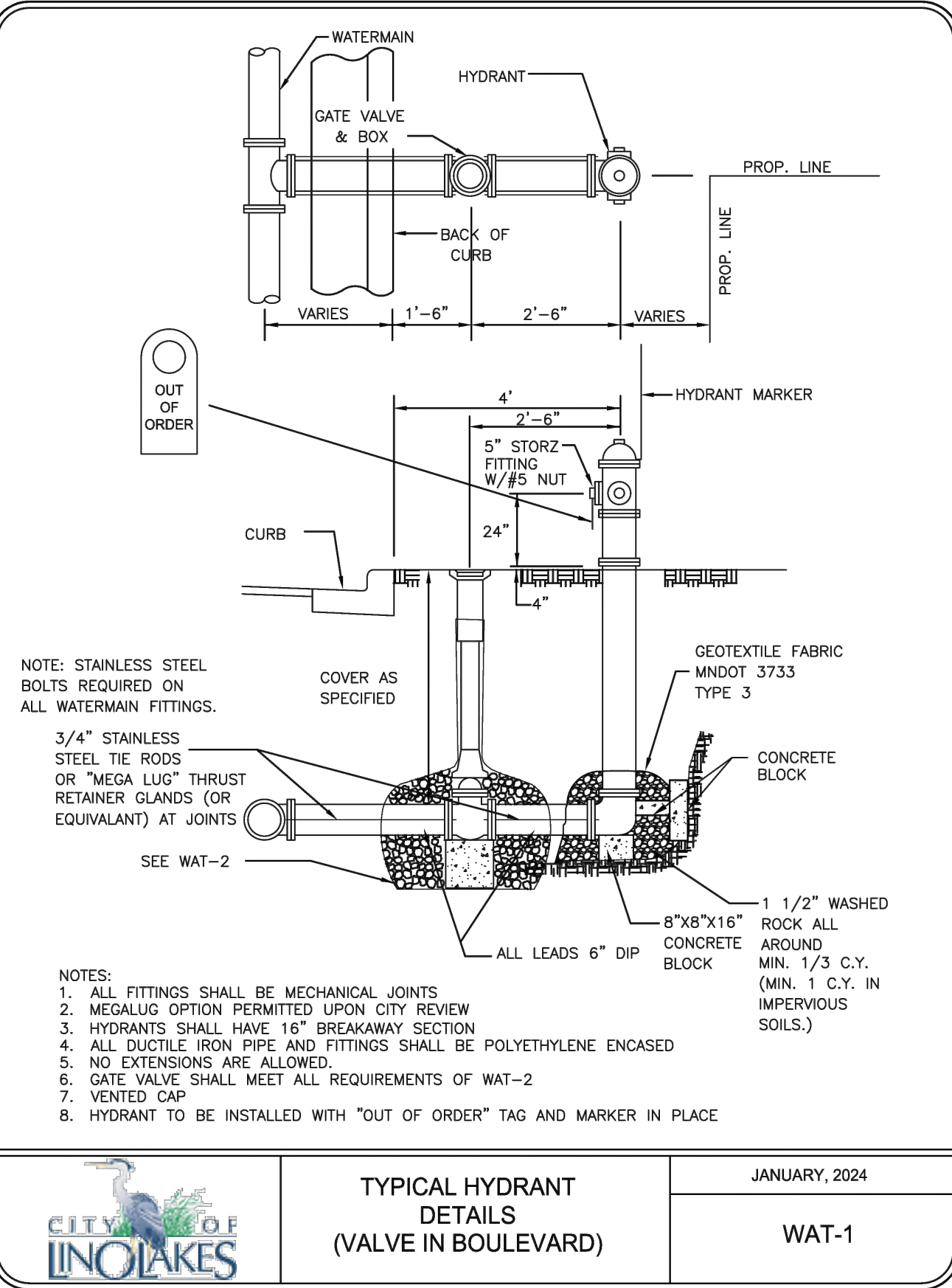
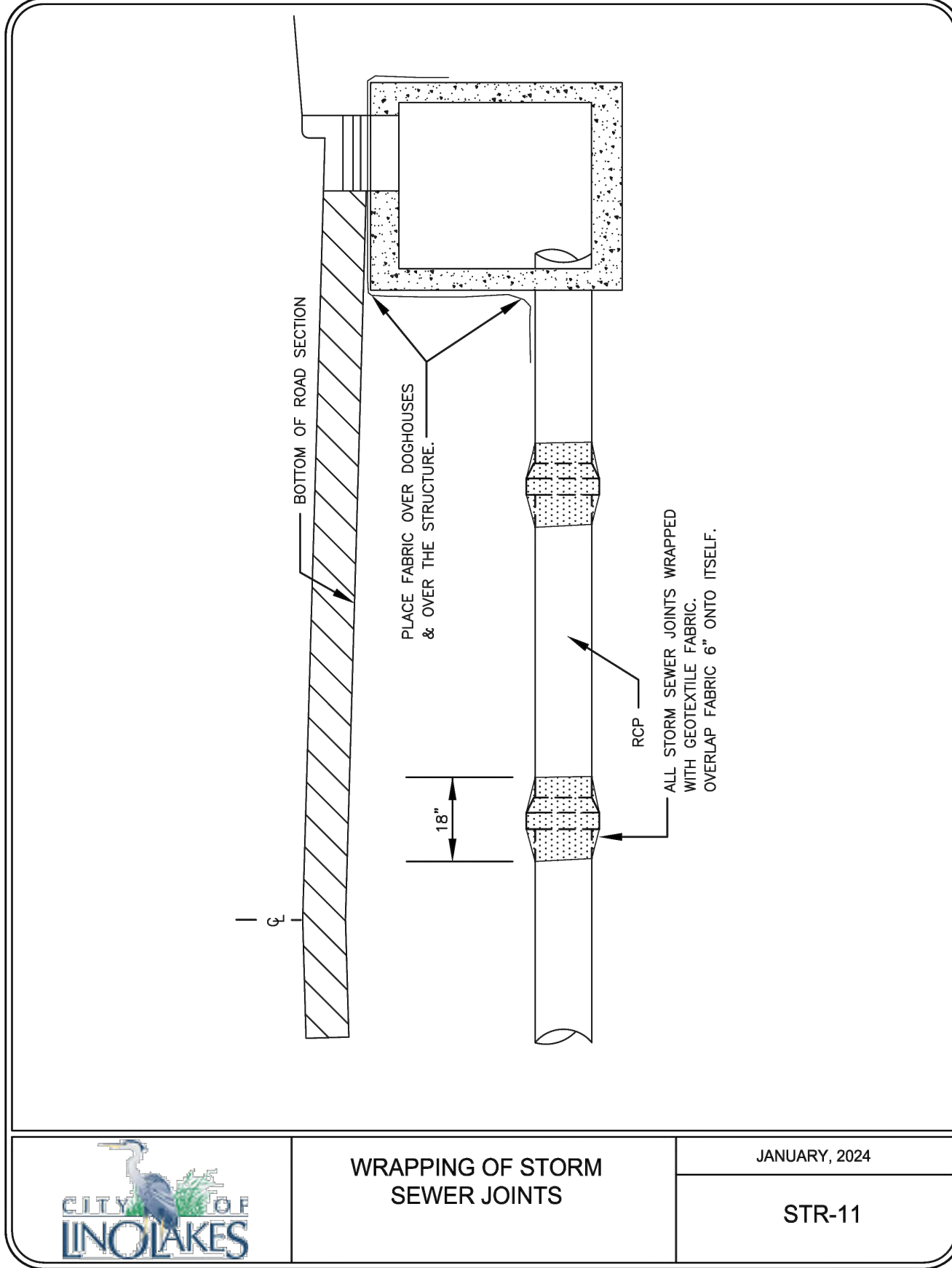
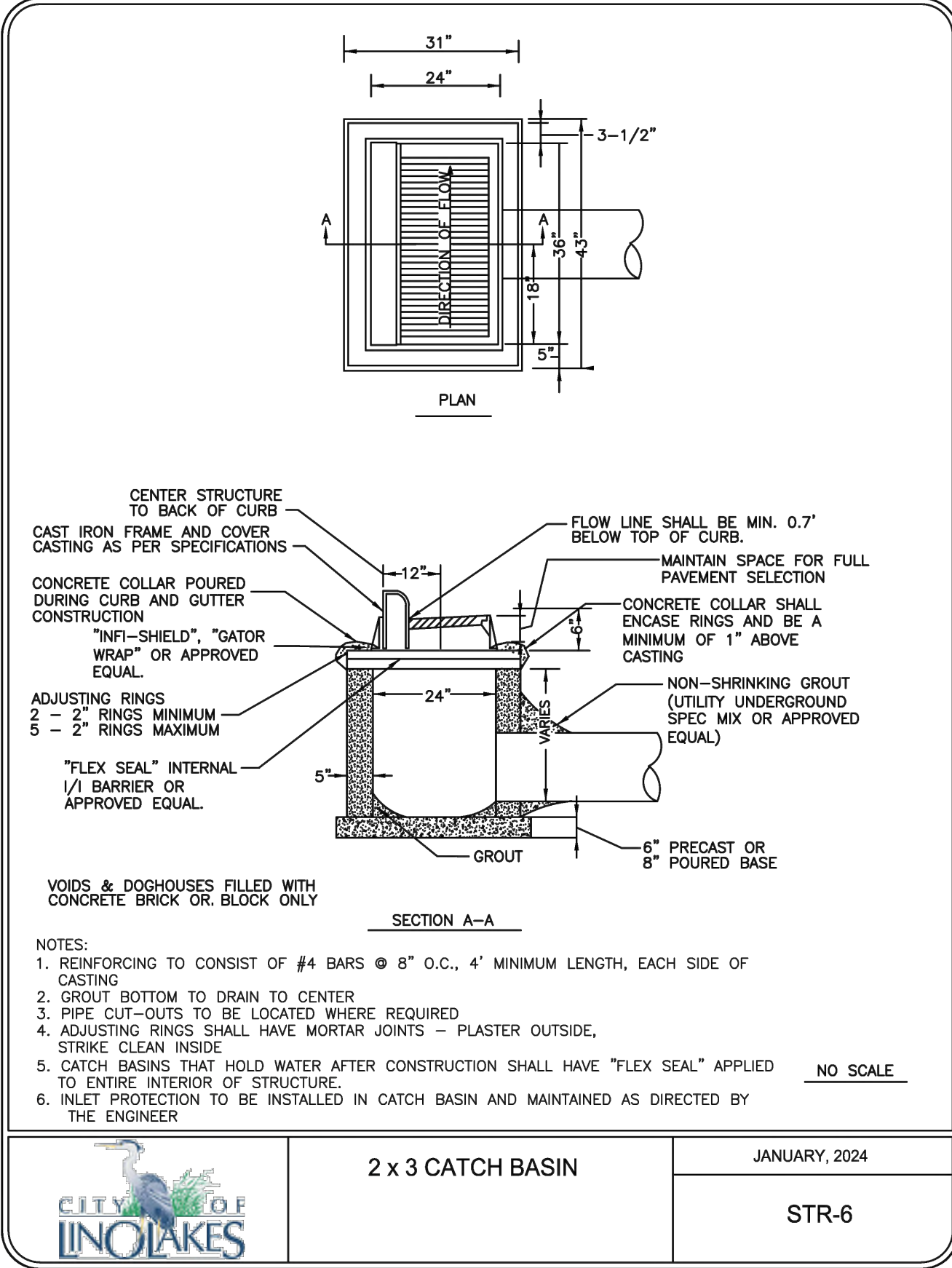
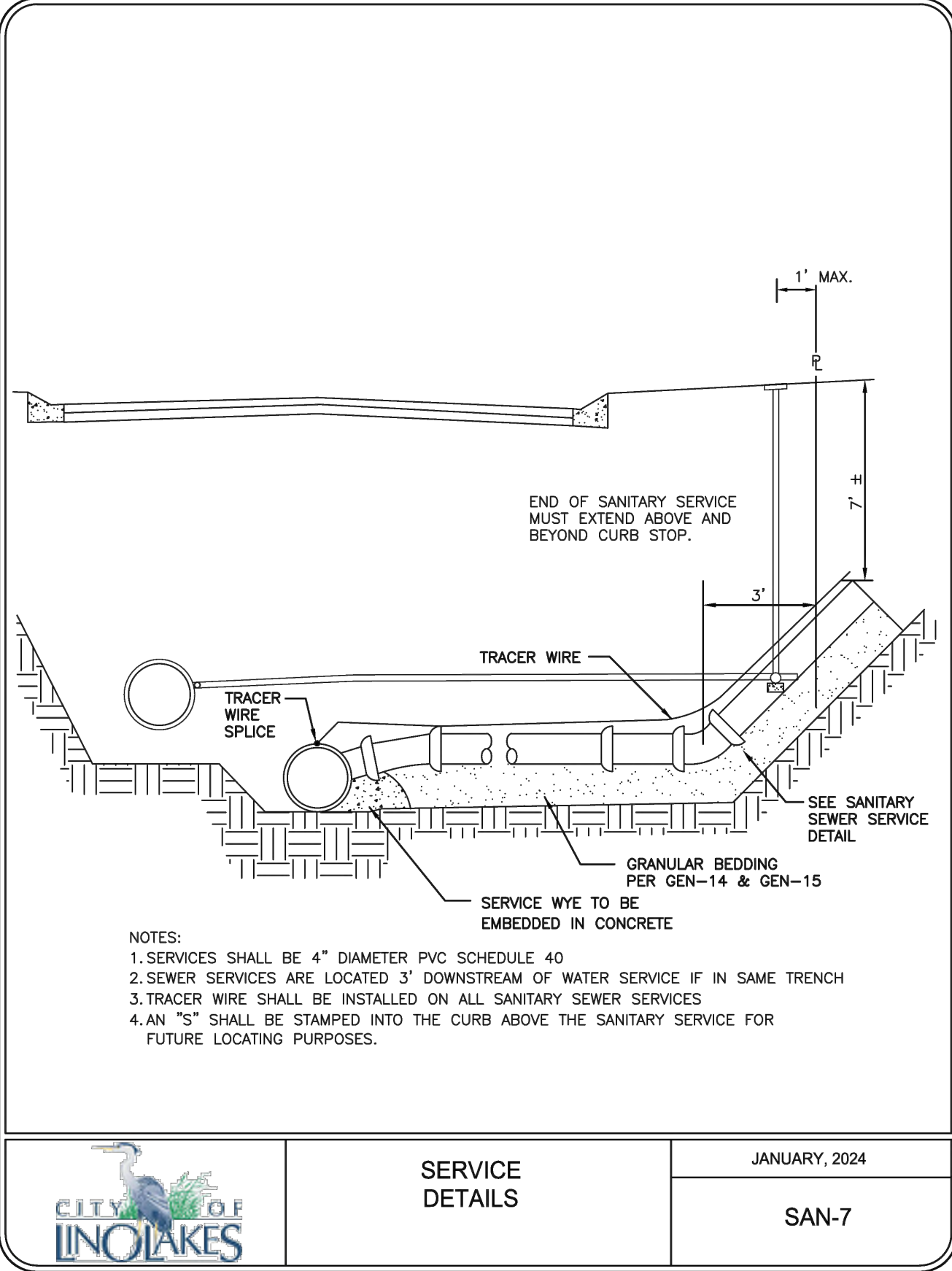
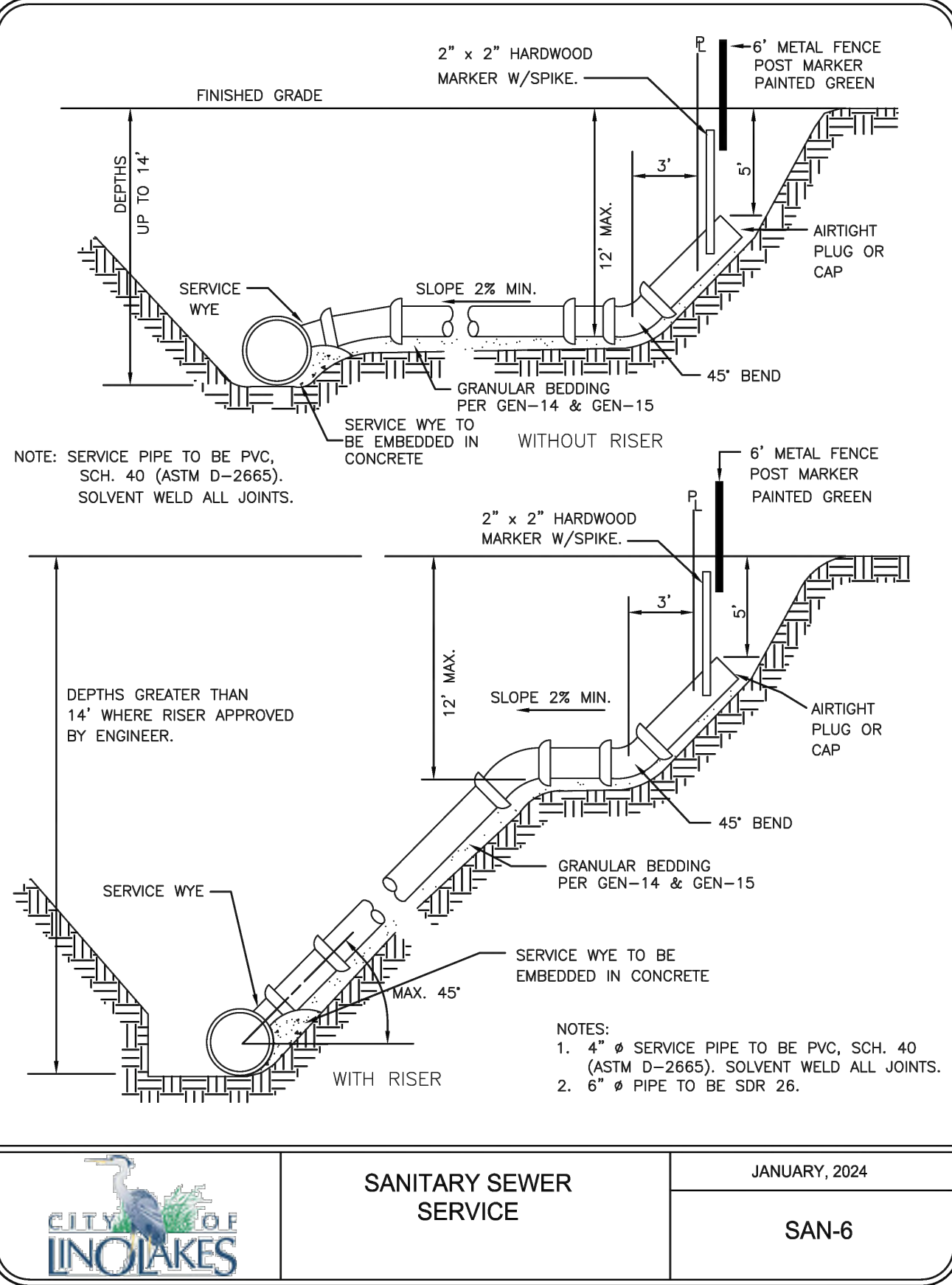
ALDI Inc. Store #: 154  
LINO LAKES, MN  
7085 OTTER LAKE ROAD  
LINO LAKES, MN 55038  
ANOKA COUNTY

Project Name & Location:

SITE DATA SHEET

Drawing Name:	ISG Project No.
Type: V7.0 ER	29782
Drawn By: PSH	
Designed By: PSH	C-010
Reviewed By: JMF	Drawing No.





Issued:		Date:
A	CITY SUBMITTAL SET #1	02/07/25
B	CITY SUBMITTAL SET #2	03/25/25
C	ISSUED FOR BID	04/07/25
D	CITY SUBMITTAL 3	05/09/25
E	ISSUED FOR CONSTRUCTION	06/09/25
Revisions:		Date:
1		
2		
3		
4		
5		
6		
7		
8		
9		

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.

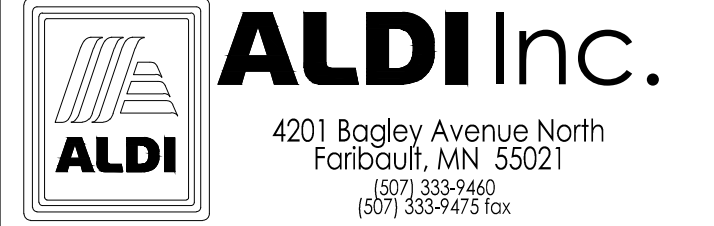
*Ryan Anderson*

DATE: 03/26/2025 LIC. NO. 55938

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



**MANAGING LOCATION:**  
**ROGERS OFFICE**  
**3100 MARKET STREET**  
**SUITE 106**  
**ROGERS, AR 72758**  
**PHONE: 479.974.1601**

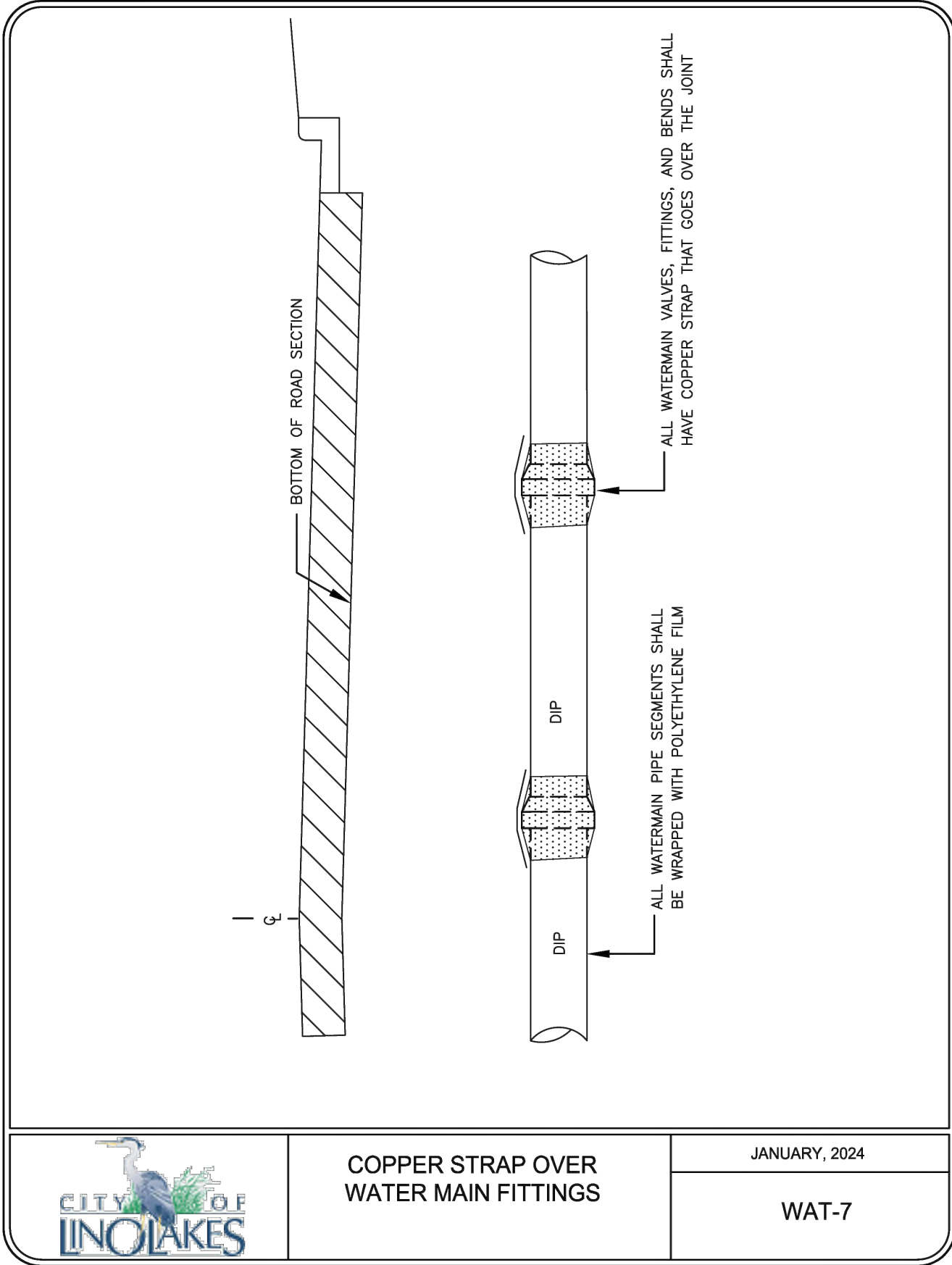


**ALDI Inc. Store #: 154**  
**LINO LAKES, MN**  
**7085 OTTER LAKE ROAD**  
**LINO LAKES, MN 55038**  
**ANOKA COUNTY**

Project Name & Location:

## SITE DETAILS

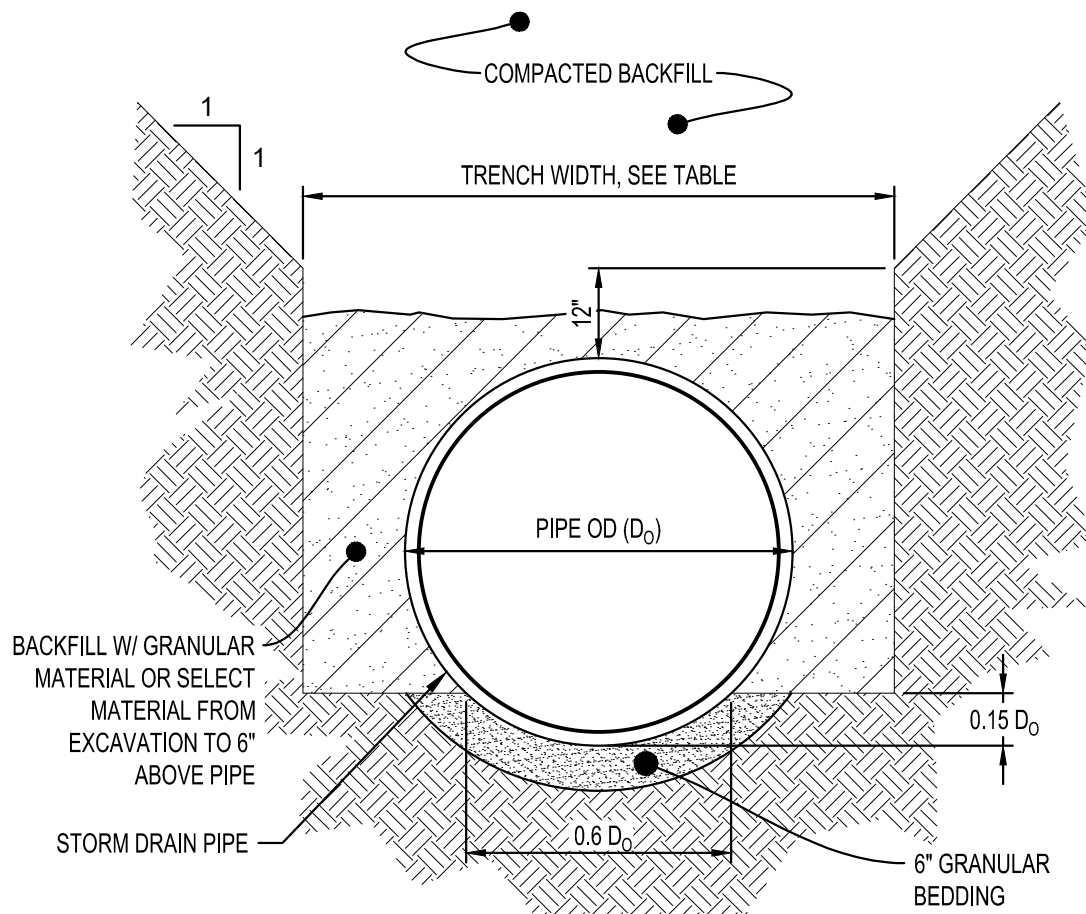
Drawing Name:		ISG Project No.
Type:	v7.0 ER	29782
Drawn By:	PSH	
Designed By:	PSH	C-021
Reviewed By:	JMF	Drawing No.



COPPER STRAP OVER  
WATER MAIN FITTINGS

JANUARY, 2024

WAT-7

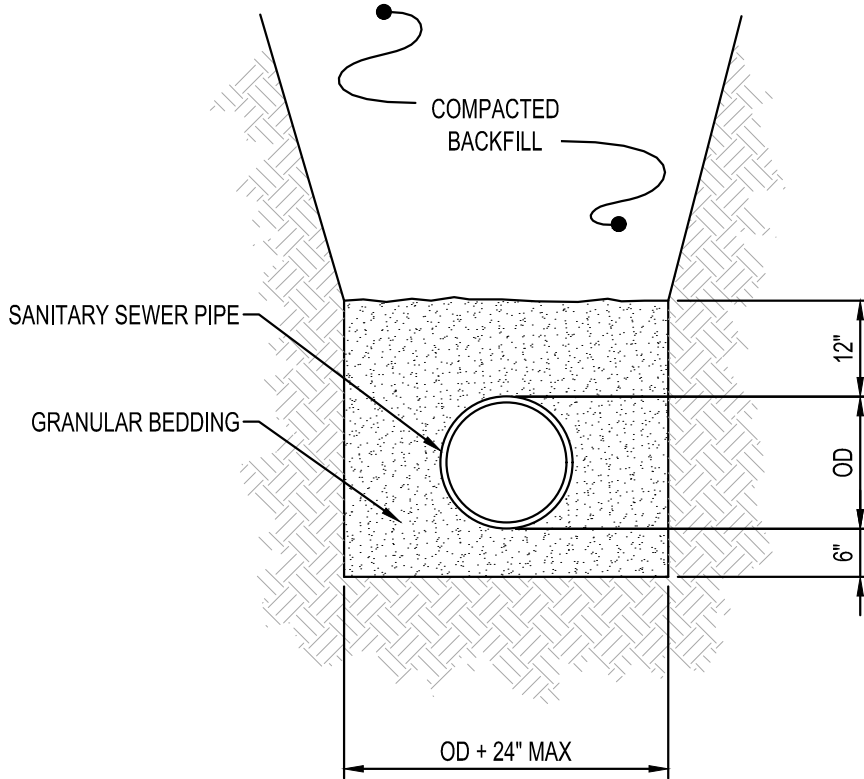


TRENCH WIDTH	
PIPE Ø	TRENCH WIDTH
36" OR LESS	D <sub>0</sub> + 24"
42" TO 54"	1.5 x D <sub>0</sub>
60" OR OVER	D <sub>0</sub> + 36"

**NOTES:**

1. GRANULAR BEDDING AND BACKFILL FOR STORM DRAIN PIPES SHALL BE INCIDENTAL TO STORM DRAIN CONSTRUCTION

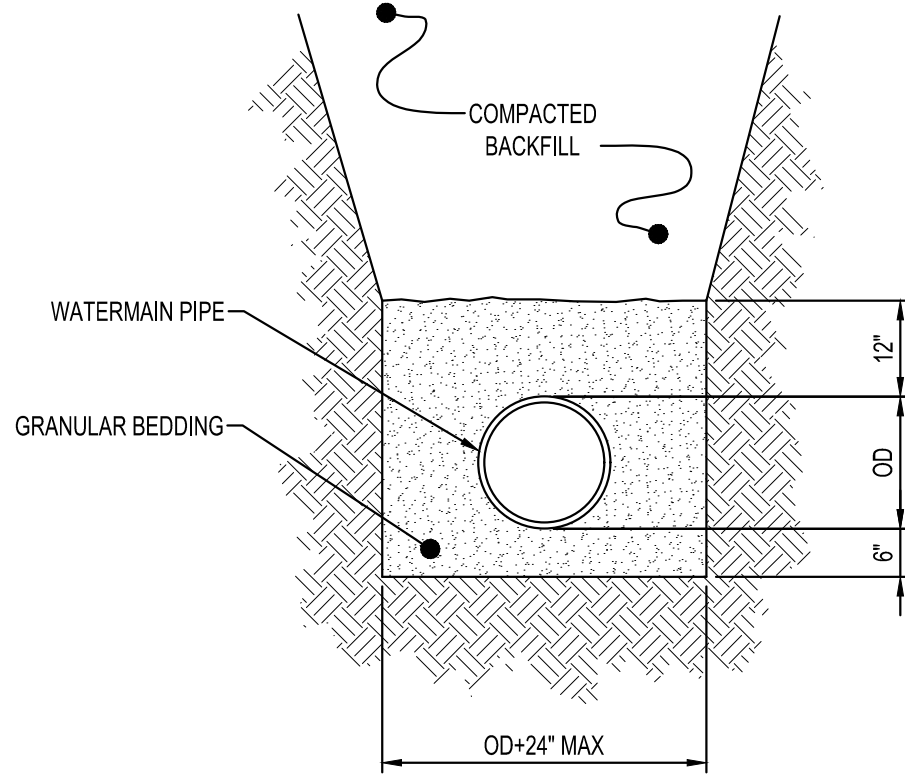
**NON-CONCRETE  
STORM DRAIN PIPE BEDDING**  
NTS



**NOTES:**

1. GRANULAR BEDDING AND ENCASEMENT FOR SANITARY SEWER PIPES SHALL BE INCIDENTAL TO CONSTRUCTION

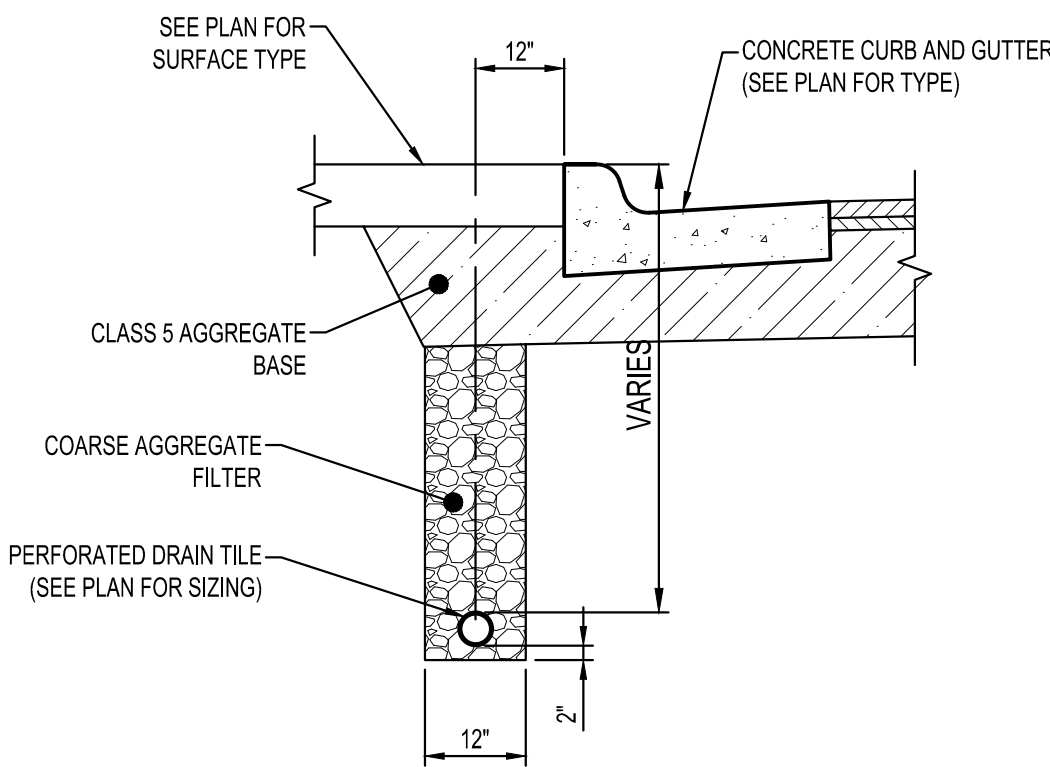
**PIPE BEDDING  
SANITARY SEWER**  
NTS



**NOTE:**

1. GRANULAR BEDDING AND ENCASEMENT FOR WATERMAIN PIPES SHALL BE INCIDENTAL TO CONSTRUCTION

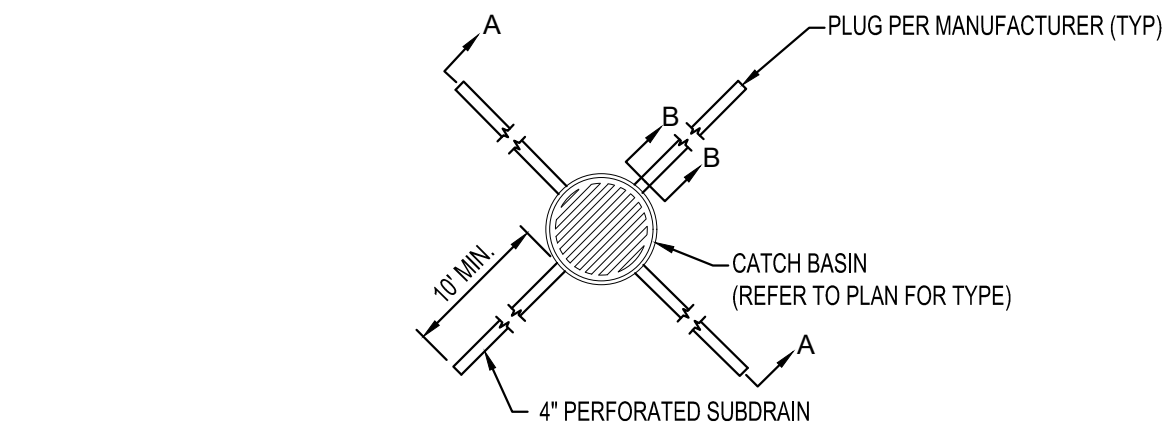
**PIPE BEDDING  
WATERMAIN**  
NTS



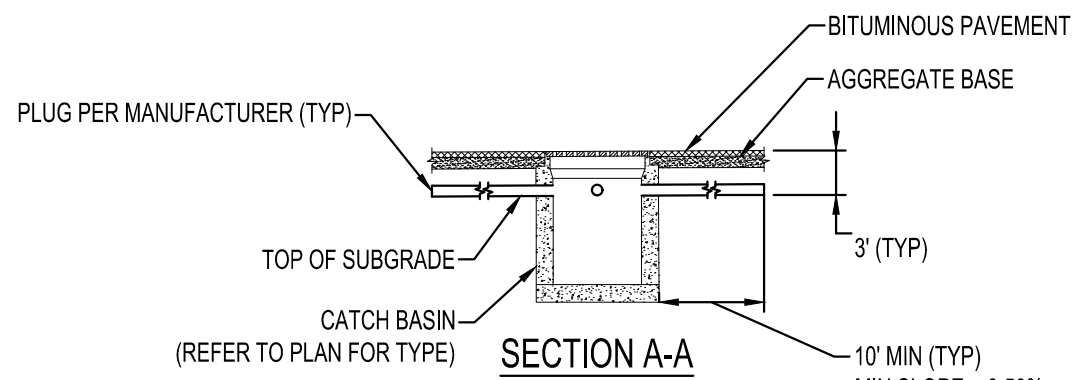
**NOTE:**

1. WE RECOMMEND INSTALLING PERFORATED DRAINPIPES THROUGHOUT THE PAVEMENT AREAS AT LOW POINTS, AROUND CATCH BASINS, AND BEHIND CURB IN LANDSCAPED AREAS. WE ALSO RECOMMEND INSTALLING DRAINPIPES ALONG PAVEMENT AND EXTERIOR SLAB EDGES WHERE EXTERIOR GRADES PROMOTE DRAINAGE TOWARD THOSE EDGE AREAS. THE CONTRACTOR SHOULD PLACE DRAINPIPES AT THE BASE OF THE GRANULAR SUBBASE LAYER OR BELOW THE AGGREGATE BASE MATERIAL WHERE NO SUBBASE IS PRESENT.

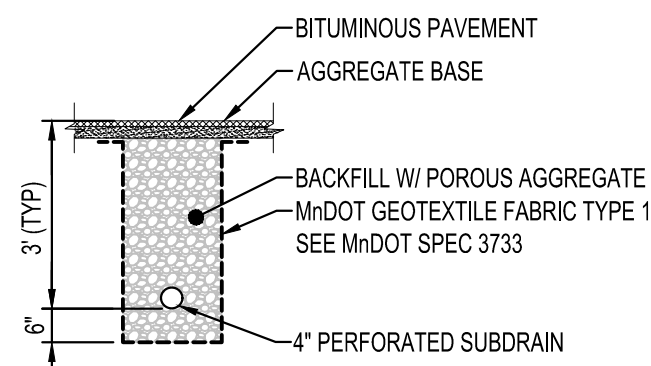
**SUBSURFACE EDGE  
DRAIN BEHIND CURB**  
NTS



**PLAN**

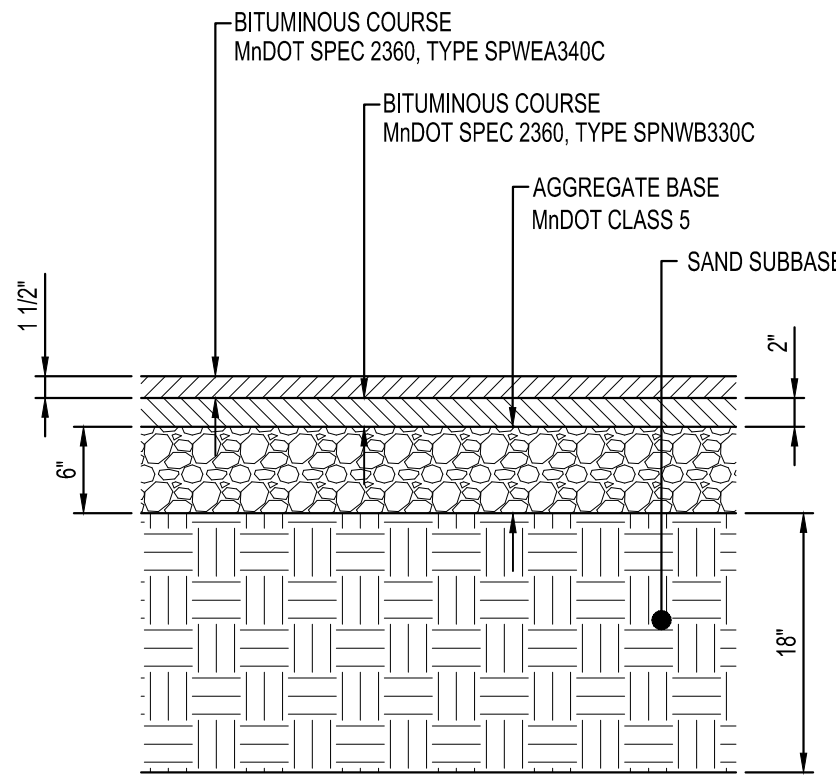


**SECTION A-A**

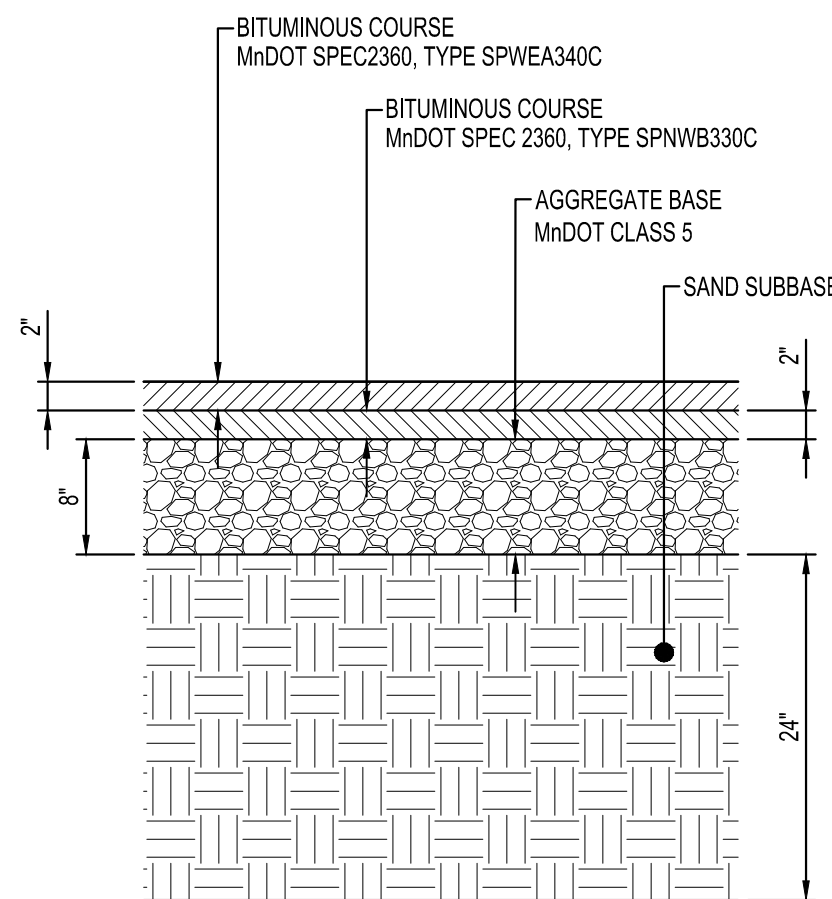


**SECTION B-B**

**CATCH BASIN BLEEDER DRAIN**  
NTS



**LIGHT DUTY  
BITUMINOUS PAVEMENT**  
NTS



**HEAVY DUTY  
ASPHALT PAVEMENT**  
NTS

Issued: Date:

A	CITY SUBMITTAL SET #1	02/07/25
B	CITY SUBMITTAL SET #2	03/25/25
C	ISSUED FOR BID	04/07/25
D	CITY SUBMITTAL 3	05/09/25
E	ISSUED FOR CONSTRUCTION	06/09/25

Revisions: Date:

1		
2		
3		
4		
5		
6		
7		
8		
9		

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.

*Ryan Anderson*

DATE: 03/26/2025 LIC. NO. 55938

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



**MANAGING LOCATION:  
ROGERS OFFICE**  
**3100 MARKET STREET  
SUITE 106  
ROGERS, AR 72758  
PHONE: 479.974.1601**



**ALDI Inc. Store #: 154**  
**LINO LAKES, MN**  
**7085 OTTER LAKE ROAD**  
**LINO LAKES, MN 55038**  
**ANOKA COUNTY**

Project Name & Location:

**SITE DETAILS**

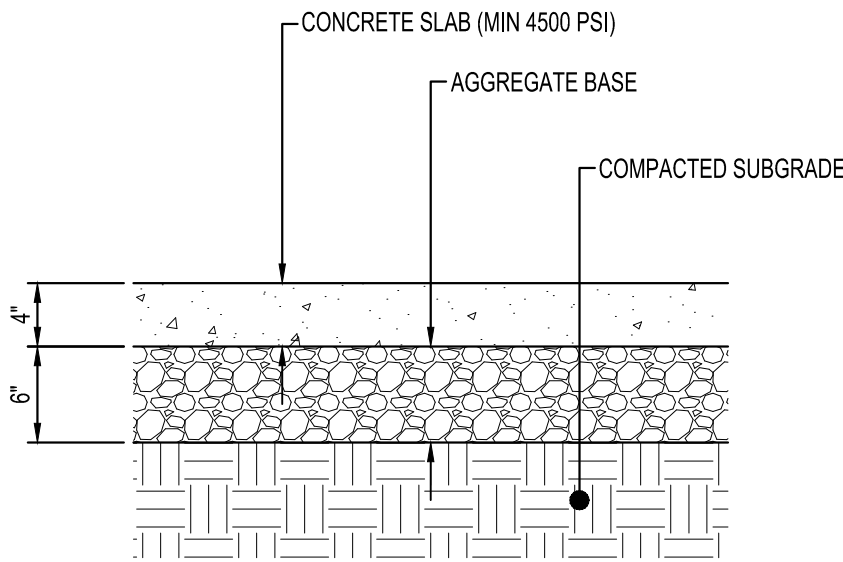
Drawing Name:

Type: V7.0 ER ISG Project No. 29782

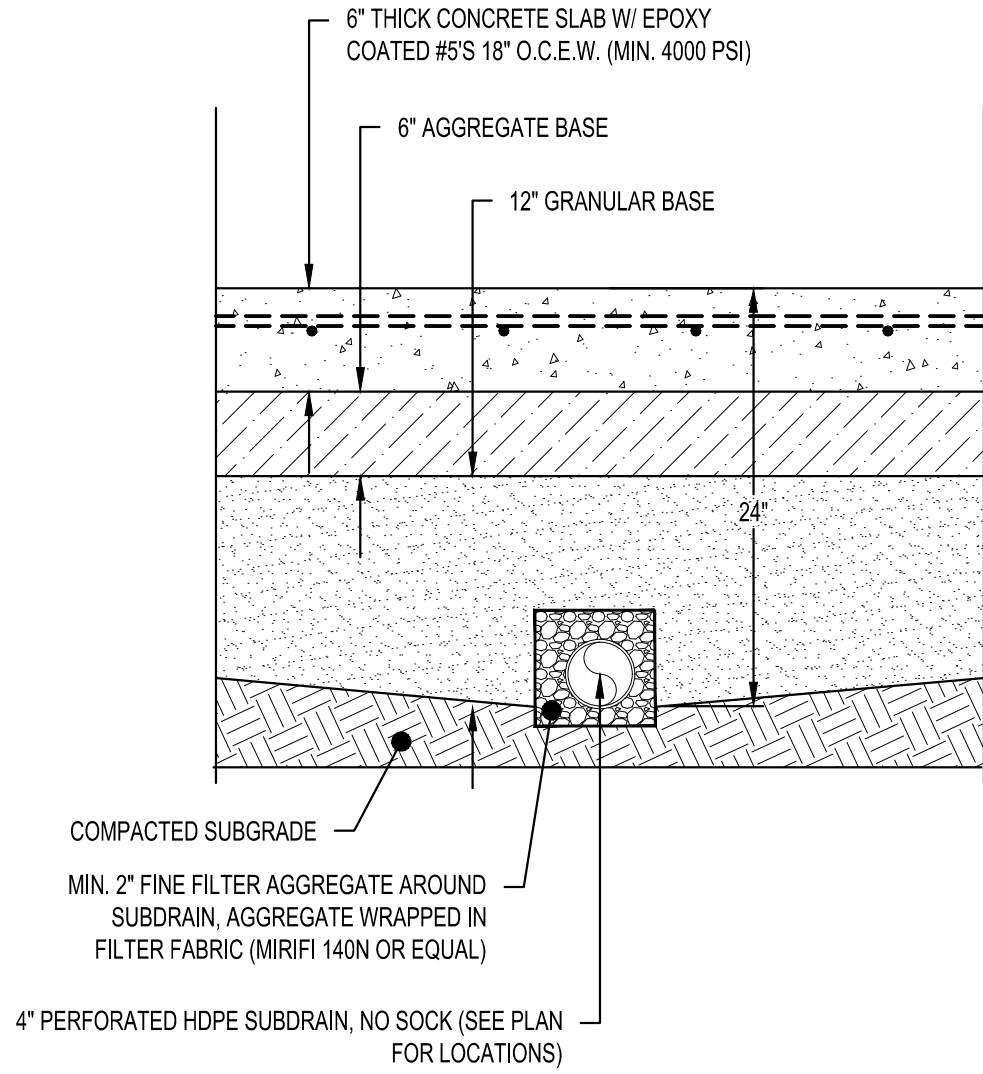
Drawn By: PSH

Designed By: PSH C-022

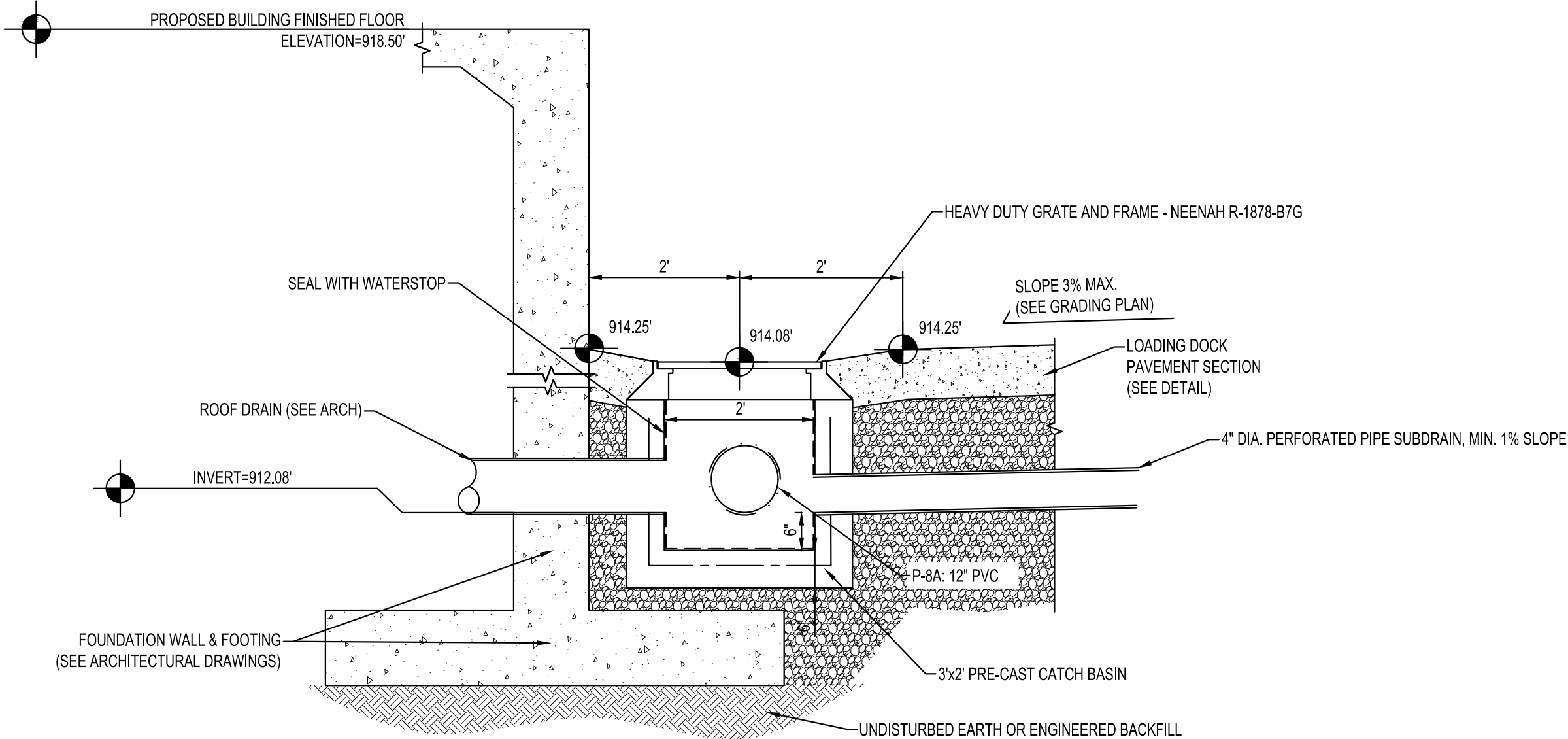
Reviewed By: JMF Drawing No.



CONCRETE WALK  
NTS

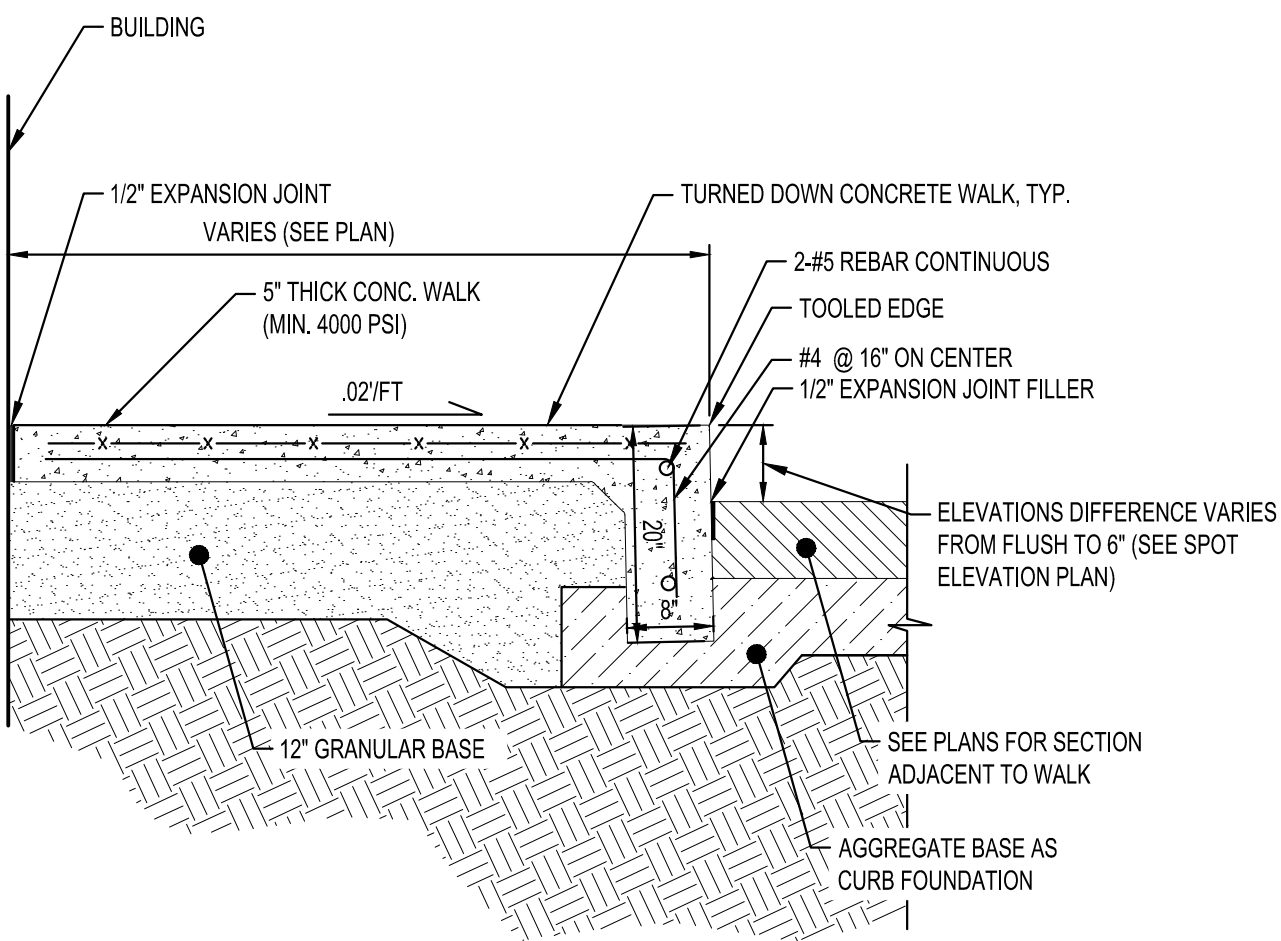


LOADING DOCK PAVEMENT SECTION  
NTS

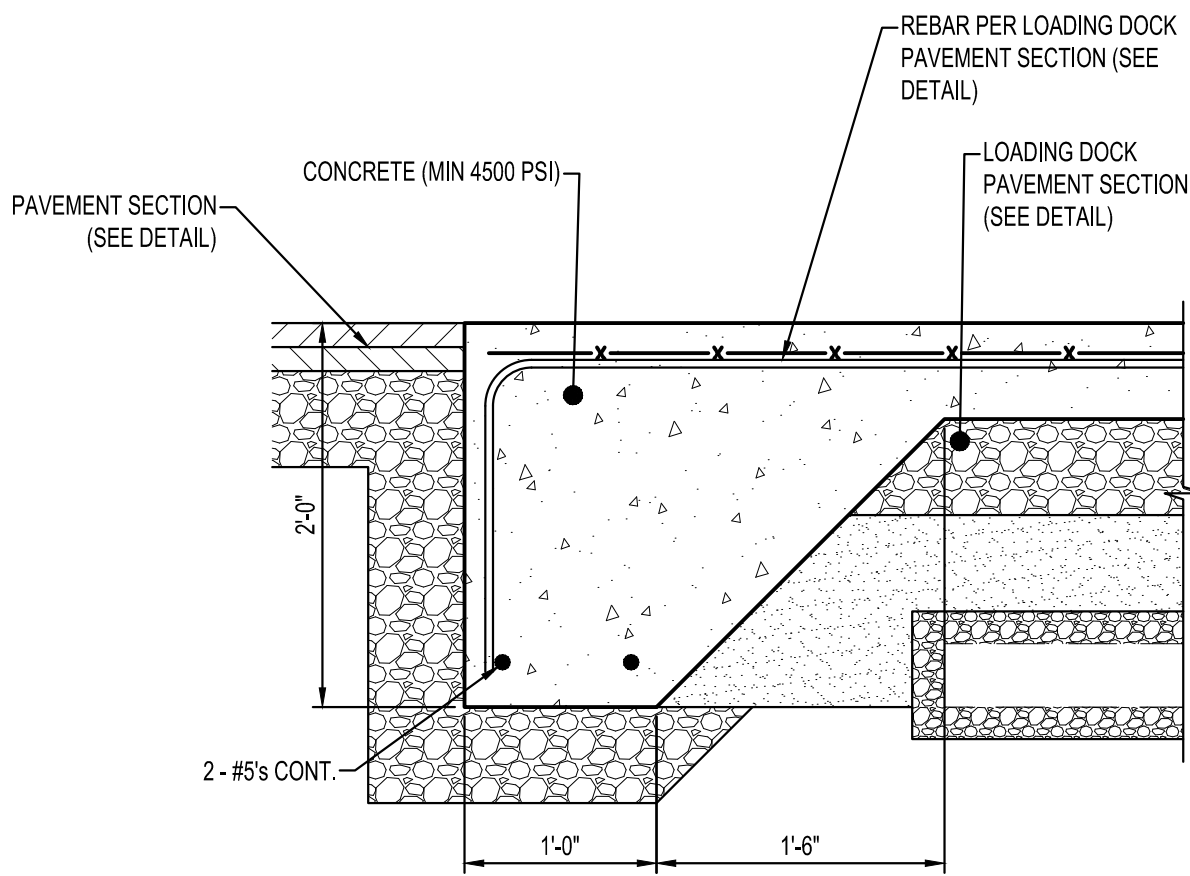


LOADING DOCK CATCH BASIN ST-2A DETAIL  
NTS

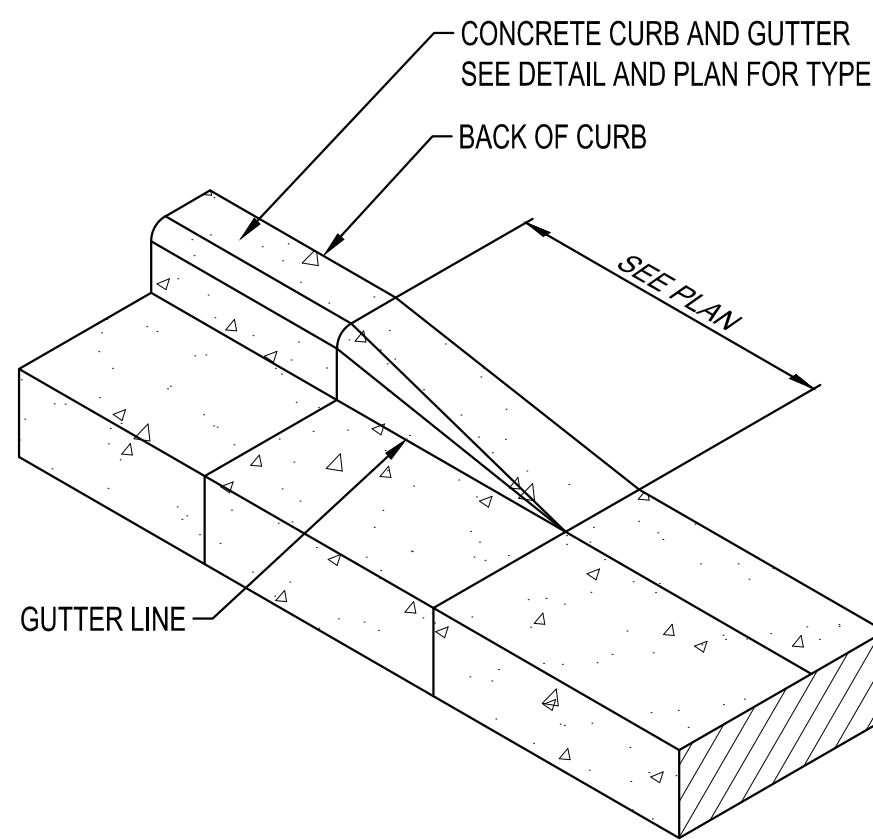
NOTE:  
CONCRETE SHALL HAVE A NON-SLIP  
BROOM FINISH



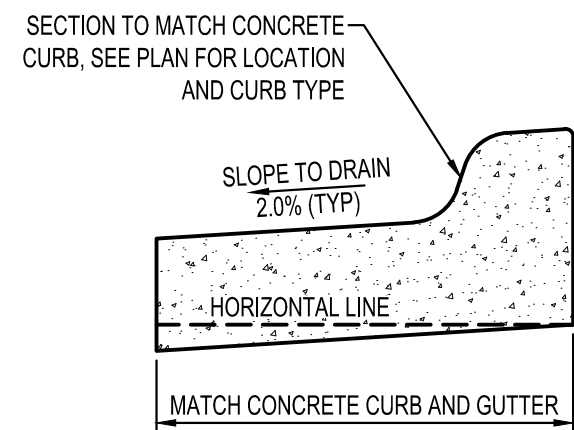
TURN DOWN CONCRETE WALK SECTION  
NTS



THICKENED EDGE AT  
FRONT CONCRETE LOADING DOCK  
NTS



CURB TAPER  
NTS



REVERSE PITCH  
CONCRETE CURB AND GUTTER  
NTS

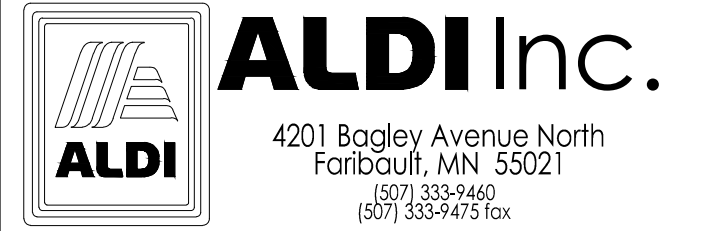
Issued:		Date:
A	CITY SUBMITTAL SET #1	02/07/25
B	CITY SUBMITTAL SET #2	03/25/25
C	ISSUED FOR BID	04/07/25
D	CITY SUBMITTAL 3	05/09/25
E	ISSUED FOR CONSTRUCTION	06/09/25
Revisions:		Date:
1		
2		
3		
4		
5		
6		
7		
8		
9		

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.

*Ryan Anderson*  
DATE: 03/26/2025 LIC. NO. 55938  
SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



MANAGING LOCATION:  
ROGERS OFFICE  
3100 MARKET STREET  
SUITE 106  
ROGERS, AR 72758  
PHONE: 479.974.1601



ALDI Inc. Store #: 154  
LINO LAKES, MN  
7085 OTTER LAKE ROAD  
LINO LAKES, MN 55038  
ANOKA COUNTY  
Project Name & Location:

SITE DETAILS	
Drawing Name:	ISG Project No.
Type: V7.0 ER	29782
Drawn By: PSH	C-023
Designed By: PSH	
Reviewed By: JMF	Drawing No.

Diagram illustrating the layout of a 19' wide accessible parking space, showing dimensions and required features:

- Concrete Bollard with Accessible Parking Sign (TYP)**: Located at the front of the space.
- 1' (TYP)**: Vertical dimension for the bollard/sign area.
- Concrete Walk**: The area to the right of the parking space.
- Accessible Parking Stripping Symbol (TYP)**: A wheelchair symbol located within the parking space.
- 4' White Parking Stripping Symbol (TYP)**: A white rectangular area at the front of the space.
- 4' Diagonal White Parking Stripping (TYP)**: A diagonal striped area adjacent to the white rectangular area.
- 9'**: Horizontal dimension for the white rectangular area.
- 9'**: Horizontal dimension for the diagonal striped area.
- 19'**: Total width of the parking space.
- Wheelchair Symbol**: A second wheelchair symbol is shown in the concrete walk area.

Technical drawing of a van accessible parking sign assembly. The drawing shows a side elevation of the sign post and its base, with dimensions and component labels.

**Dimensions:**

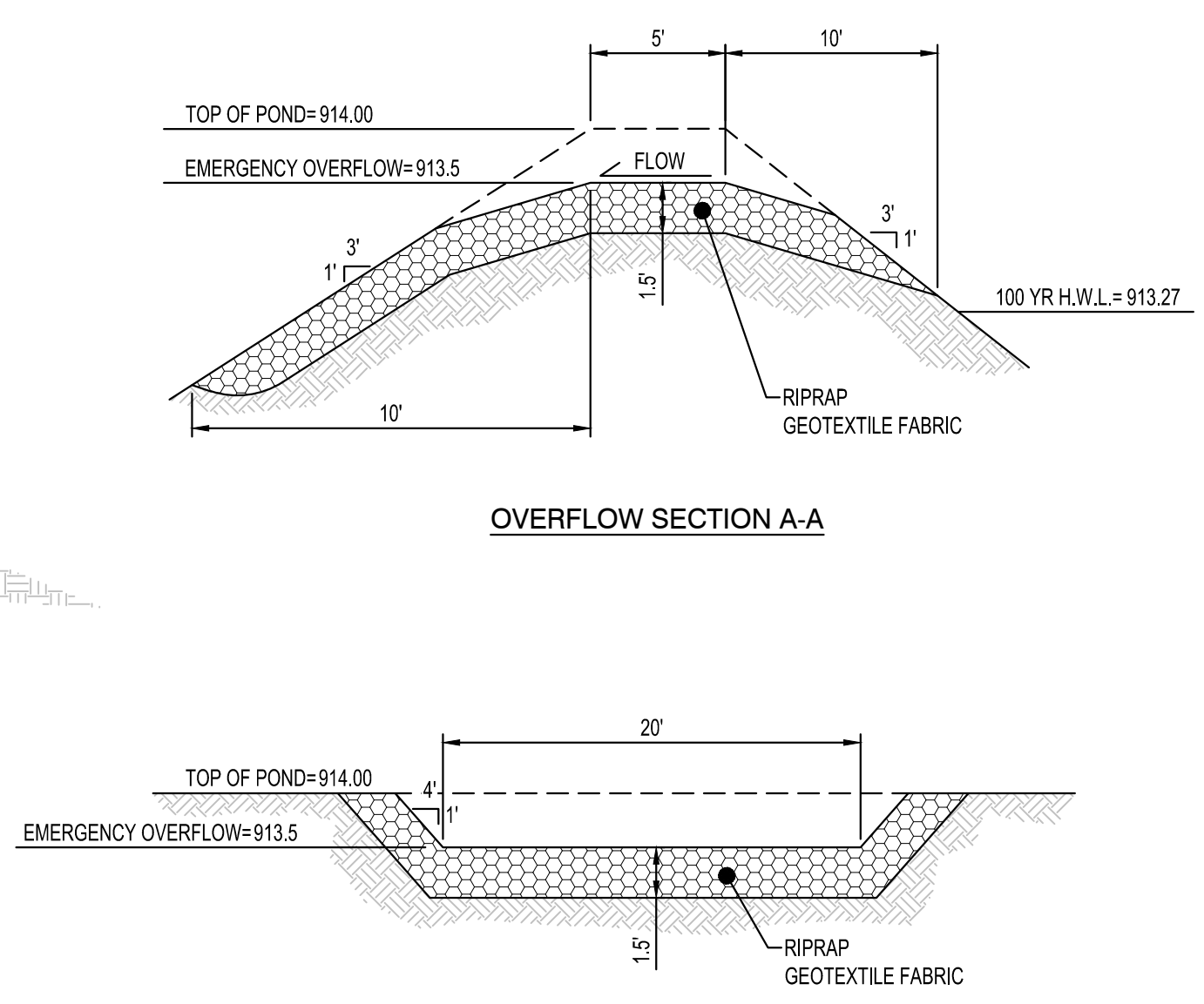
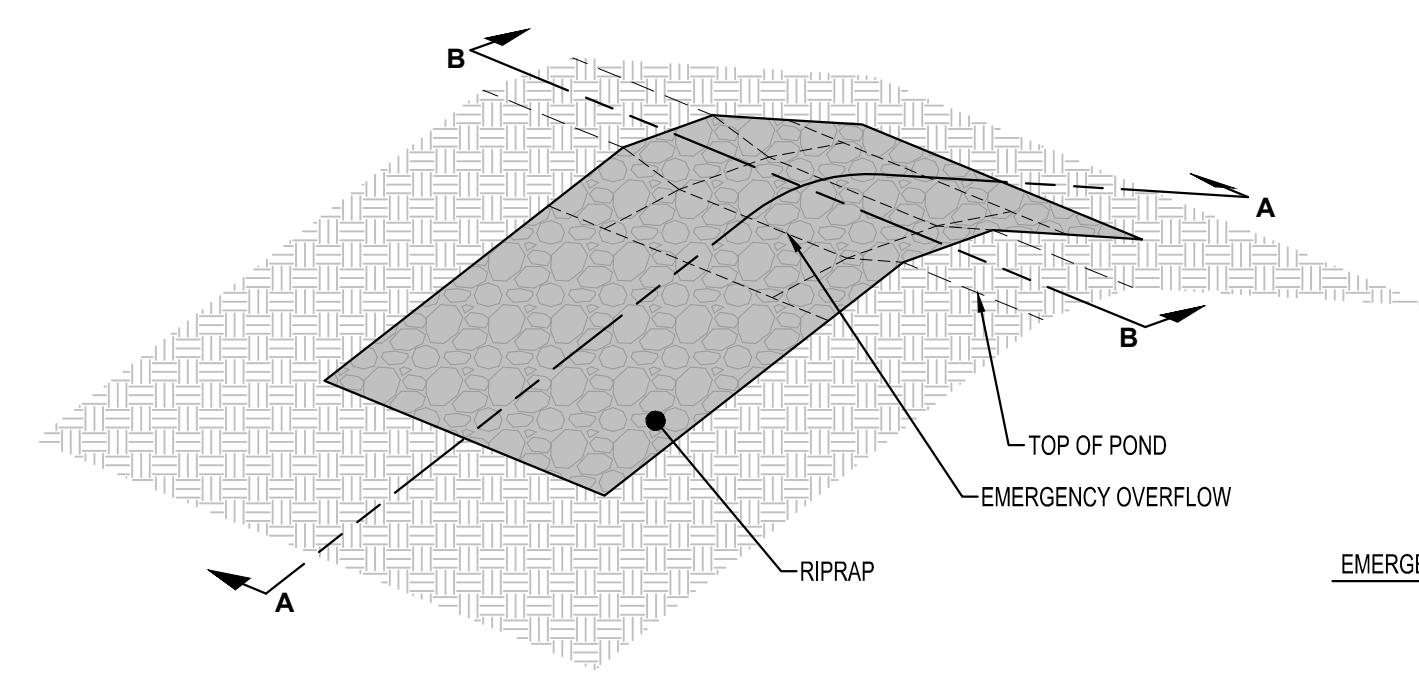
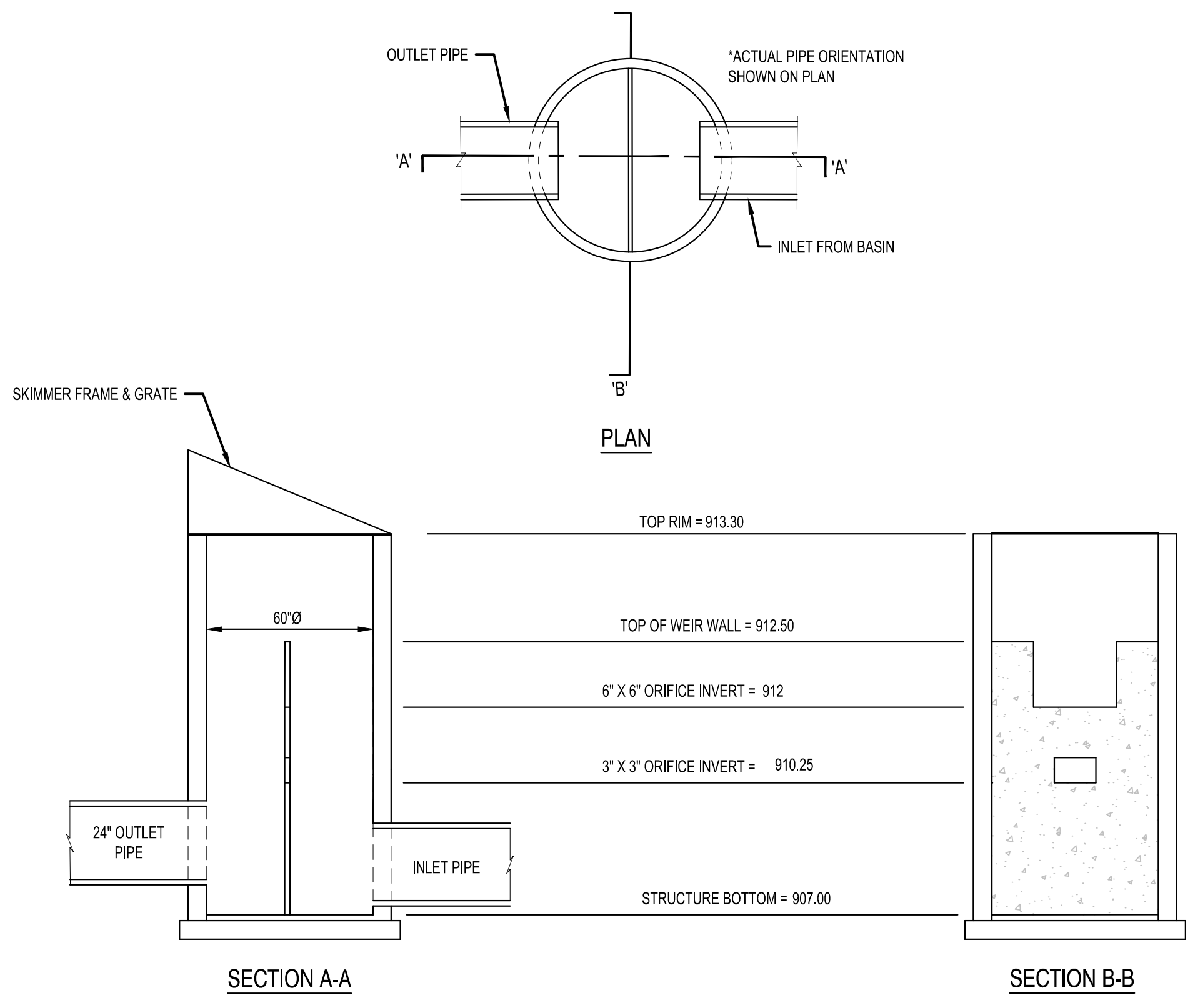
- Overall height from ground to sign top: 68"
- Height from ground to the top of the concrete-filled pipe: 60"
- Height of the concrete-filled pipe section: 3'-0"
- Height of the concrete base: 12"
- Height of the concrete plug: 36"
- Width of the base: 24"

**Components and Labels:**

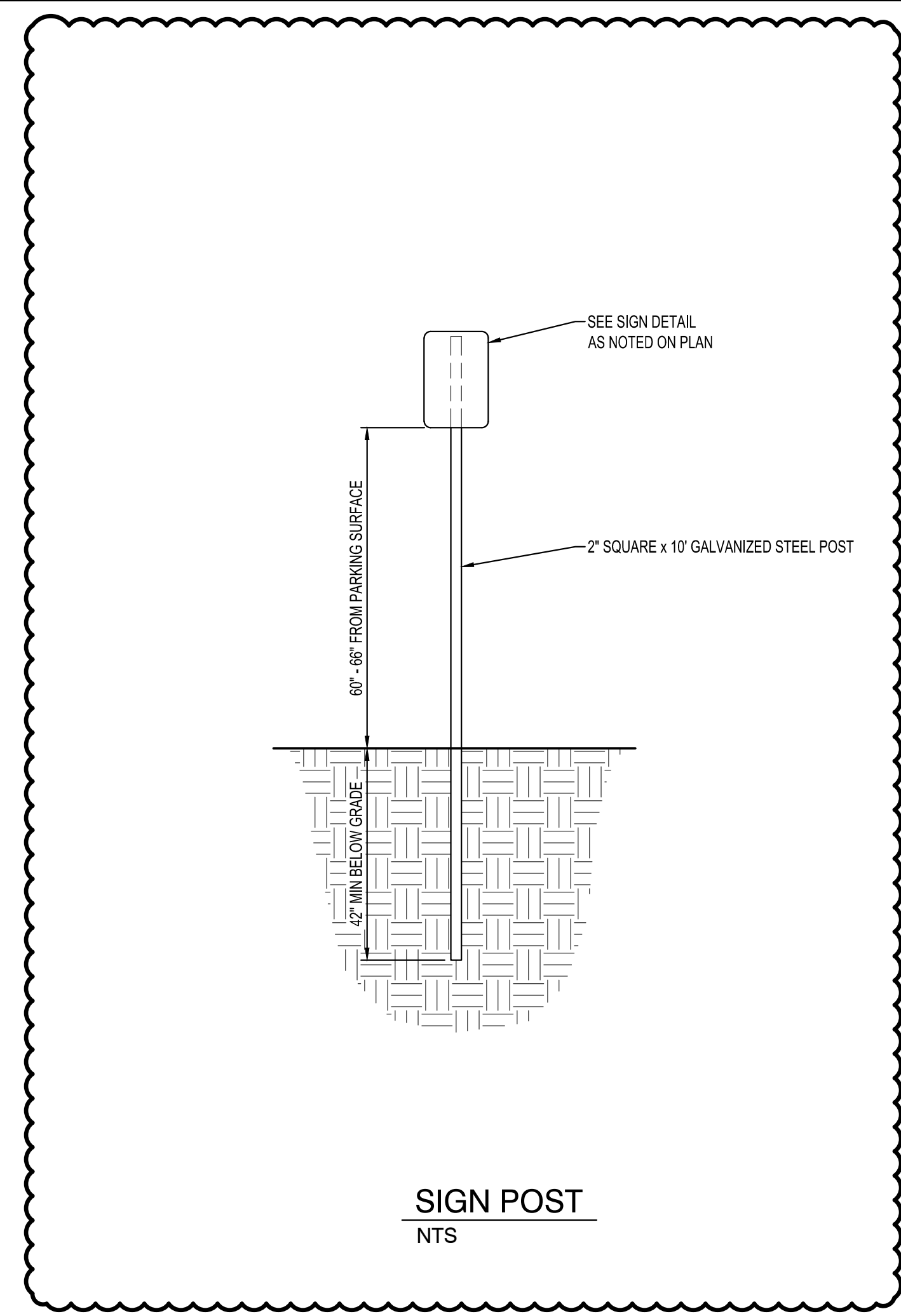
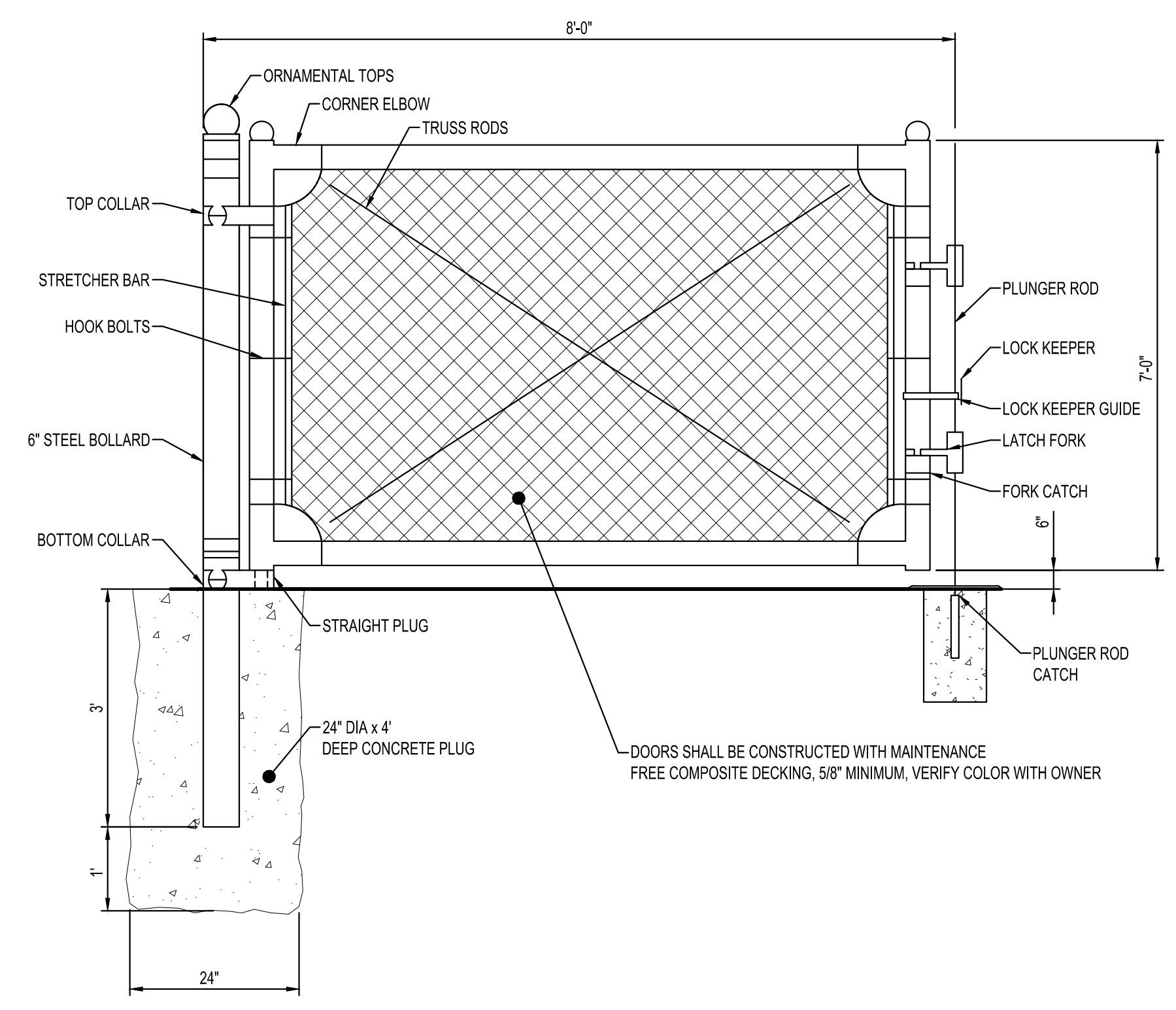
- ACCESSIBLE PARKING SIGN WHICH MEETS A.D.A. & STATE OF MINNESOTA REQUIREMENTS.
- VAN ACCESSIBLE SIGN WHERE REQUIRED
- ROUNDED CONCRETE TOP
- 2" Ø GALVANIZED STEEL POST
- CONCRETE FILLED
- 6" SCH 40 STEEL PIPE, CONCRETE FILLED WITH ROUNDED TOP, PAINTED TRAFFIC YELLOW
- GRADE
- 24" Ø x 4'-0" DEEP CONC. PLUG
- 12" CONCRETE BASE



STORE ENTRANCE NO PARKING STRIPING DETAIL



RIPRAP OVERFLOW  
NTS



Issued:		Date:
A	CITY SUBMITTAL SET #1	02/07/25
B	CITY SUBMITTAL SET #2	03/25/25
C	ISSUED FOR BID	04/07/25
D	CITY SUBMITTAL 3	05/09/25
E	ISSUED FOR CONSTRUCTION	06/09/25

Revisions:		Date:
1	CCD-01	06/09/25
2		
3		
4		
5		
6		
7		
8		
9		

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.

*Ryan Anderson*

DATE: 03/26/2025 LIC. NO. 55938

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.

**MANAGING LOCATION:  
ROGERS OFFICE**  
3100 MARKET STREET  
SUITE 106  
ROGERS, AR 72758  
PHONE: 479.974.1601

**ALDI Inc.**  
4201 Bagley Avenue North  
Faribault, MN 55021  
(507) 333-7460  
(507) 333-9475 Fax

ALDI Inc. Store #: 154  
LINO LAKES, MN  
7085 OTTER LAKE ROAD  
LINO LAKES, MN 55038  
ANOKA COUNTY  
Project Name & Location:

**SITE DETAILS**

Drawing Name:		ISG Project No.  29782
Type:	V7.0 ER	
Drawn By:	PSH	C-025
Designed By:	PSH	
Reviewed By:	JMF	
		Drawing No.

CONSTRUCTION NOTES:

A. SPECIFICATIONS

1. SEGMENTAL RETAINING WALL UNITS SHALL BE FURNISHED AND CONSTRUCTED IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS AND MANUFACTURER'S RECOMMENDATIONS.

a. MODULAR CONCRETE UNITS SHALL MEET THE REQUIREMENTS OF ASTM C1372, ASTM C90, ASTM C145, WITH 28-DAY STRENGTH OF 3,000 PSI AND LESS THAN 8% MOISTURE ABSORPTION.

b. LEVELING PAD AGGREGATE BASE SHALL BE CRUSHED STONE OR CONCRETE, OR GRANULAR FILL WITH A GRADATION OF 100% PASSING 1 INCH, 35%-70% PASSING #4, 10%-35% PASSING #40, AND 3%-10% PASSING #200.

c. NON-FROST-SUSCEPTIBLE GRANULAR BACKFILL SHALL BE CRUSHED STONE OR CONCRETE, OR GRANULAR FILL WITH A GRADATION OF 100% PASSING 1 INCH, 75%-100% PASSING 3/4", <60% PASSING #4, <35% PASSING #40, AND <5% PASSING #200.

d. ENGINEERED FILL SHALL BE SOILS WITH A PLASTICITY INDEX LESS THAN 6 PER ASTM D4318; UNSUITABLE SOILS INCLUDE ORGANIC AND UNIFIED SOIL CLASSIFICATION SYSTEM GROUPS OF SC, CL, ML, CH, OH, MH, OL, OR PT.
2. CONCRETE SHALL BE NORMAL WEIGHT, UNO, AND MEET THE FOLLOWING CRITERIA.

a.  $f_c$  = 3,000 psi

b. 6% +/- 1.5% AIR ENTRAINMENT

c. 0.55 MAXIMUM WATER-TO-CEMENT RATIO

d. CEMENT SHALL CONFORM TO ASTM C150, TYPE III

e. READY-MIX CONCRETE SHALL BE MIXED AND DELIVERED ACCORDANCE WITH ASTM C94.
3. FOUNDATION NET ALLOWABLE SOIL BEARING PRESSURE IS 1,500 PSF (PRESUMED), AND SHALL BE VERIFIED IN FIELD BY GEOTECHNICAL ENGINEER.

a. THE DESIGN FROST PENETRATION DEPTH FOR UNHEATED STRUCTURES IS 60 INCHES; PROTECT FOUNDATION EXCAVATIONS FROM FROST; DO NOT PLACE CONCRETE ON FROZEN GROUND.

b. FOUNDATION EXCAVATIONS SHALL BE KEPT FREE OF LOOSE MATERIAL, STANDING WATER, AND SHALL BE INSPECTED BEFORE THE PLACEMENT OF ANY CONCRETE.

B. SUBMITTALS:

1. PRIOR TO SUBMITTAL, THE CONTRACTOR SHALL REVIEW THE SHOP DRAWINGS AND MAKE ANY CORRECTIONS REQUIRED. THE CONTRACTOR SHALL STAMP AND SIGN THE SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE ENGINEER.
2. THE CONTRACTOR SHALL SUBMIT PRODUCT DATA FOR PROPRIETARY MATERIAL AND ITEMS, INCLUDING FORMING ACCESSORIES, ADMIXTURES, PATCHING COMPOUNDS, SEALANTS, WATERSTOPS, JOINT SYSTEMS, CURING COMPOUNDS, AND OTHERS IN AND FOR CONSTRUCTION.
3. THE FABRICATOR SHALL CLEARLY HIGHLIGHT/CLOUD ANY CHANGES MADE IN THE SHOP DRAWINGS WHICH DO NOT COMPLY WITH DESIGN DRAWINGS, ANY CHANGES MUST BE APPROVED BY THE ENGINEER PRIOR TO FABRICATION.
4. CONTRACTOR TO SUBMIT THE FOLLOWING DRAWINGS TO ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION OF SIGN.

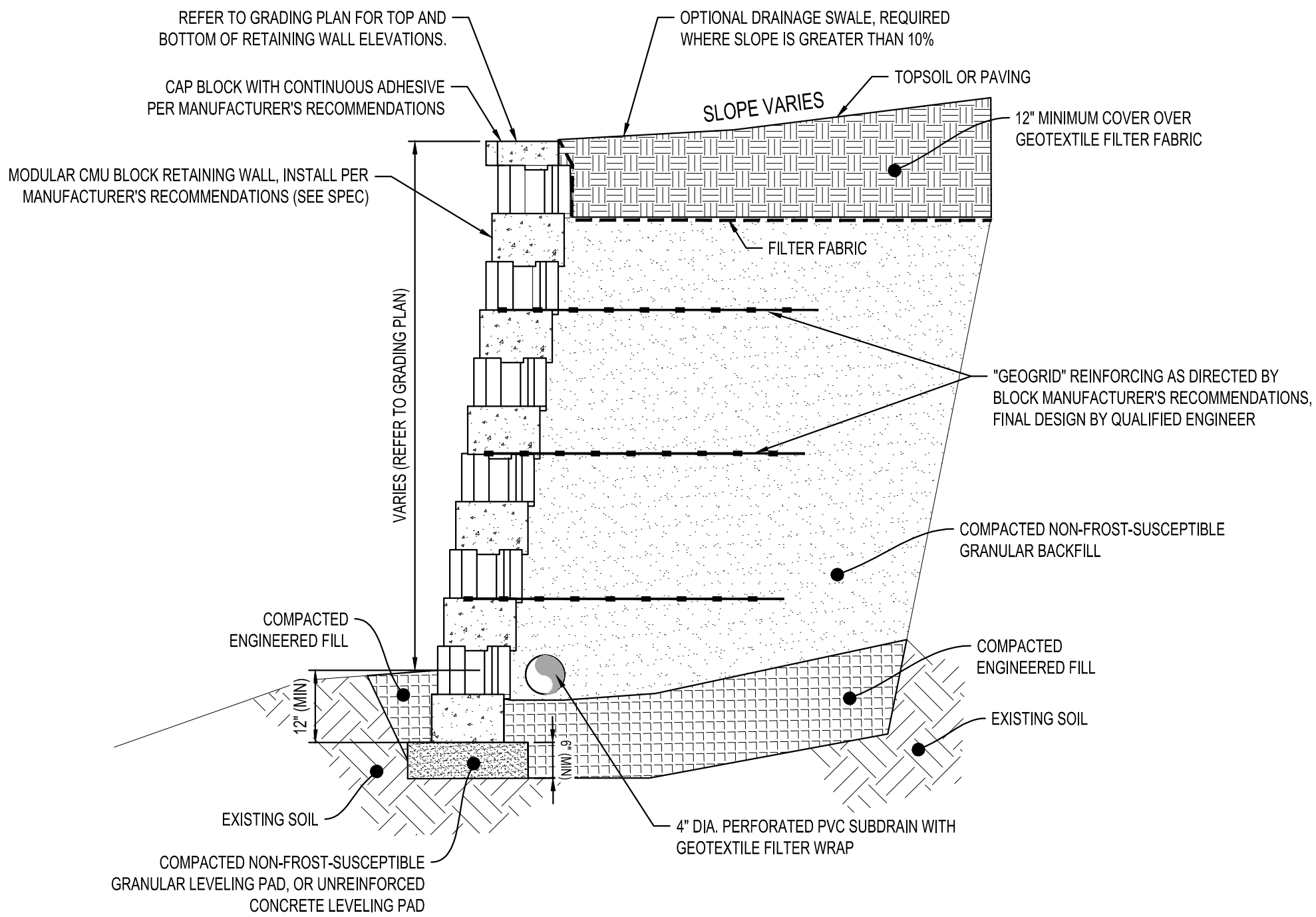
a. CONCRETE MIX DESIGNS

b. MODULAR CONCRETE RETAINING WALL

c. ADDITIONAL SHOP DRAWINGS REQUESTED IN THE SPECIFICATIONS.
5. A COPY OF ALL SHOP DRAWINGS SHALL BE MAINTAINED ON SITE AT ALL TIMES.

C. QUALITY CONTROL AND QUALITY ASSURANCE:

1. COORDINATE FOR ENGINEER OR OWNER'S INDEPENDENT TESTING AGENCY TO INSPECT AND APPROVE REINFORCING STEEL AND EMBEDS PRIOR TO ORDERING CONCRETE.
2. COORDINATE FOR OWNER'S INDEPENDENT TESTING AGENCY TO BE ON SITE AND PERFORM CONTINUOUS INSPECTION WHILE CONCRETE PLACEMENT IS OCCURRING. PROVIDE NOTICE NO LESS THAN 48 HOURS IN ADVANCE OF CONCRETE PLACEMENT.
3. COORDINATE WITH OWNER'S INDEPENDENT TESTING AGENCY TO SAMPLE CONCRETE AT TIME OF PLACEMENT IN ORDER TO PERFORM SLUMP, AIR, TEMPERATURE AND CASTING OF CYLINDERS.
4. THE SPECIAL INSPECTOR SHALL DETERMINE COMPLIANCE WITH THE SOIL REPORT FOR SITE PREPARATION, FILL PLACEMENT AND DENSITY TESTS.
5. ANY AND ALL WORK PERFORMED WITHOUT PROPER INSPECTION AND TESTING AS OUTLINED IN THIS SPECIFICATION WILL BE CONSIDERED UNAUTHORIZED WORK. ANY CORRECTIVE MEASURES REQUIRED OF THE UNAUTHORIZED WORK WILL BE AT CONTRACTORS OWN EXPENSE



MODULAR BLOCK RETAINING WALL

NTS

Issued:		Date:
A	CITY SUBMITTAL SET #1	02/07/25
B	CITY SUBMITTAL SET #2	03/25/25
C	ISSUED FOR BID	04/07/25
D	CITY SUBMITTAL 3	05/09/25
E	ISSUED FOR CONSTRUCTION	06/09/25
Revisions:		Date:
1		
2		
3		
4		
5		
6		
7		
8		
9		

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.

Ryan Anderson

DATE: 03/26/2025 LIC. NO. 55938

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.

ISG

MANAGING LOCATION:  
ROGERS OFFICE

3100 MARKET STREET  
SUITE 106  
ROGERS, AR 72758  
PHONE: 479.974.1601

ALDI

ALDI Inc.

4201 Bagley Avenue North  
Faribault, MN 55021  
(507) 333-7480  
(507) 333-9475 Fax

ALDI Inc. Store #: 154

LINO LAKES, MN

7085 OTTER LAKE ROAD

LINO LAKES, MN 55038

ANOKA COUNTY

Project Name & Location:

Drawing Name:

Type: V7.0 ER

Drawn By: PSH

Designed By: PSH

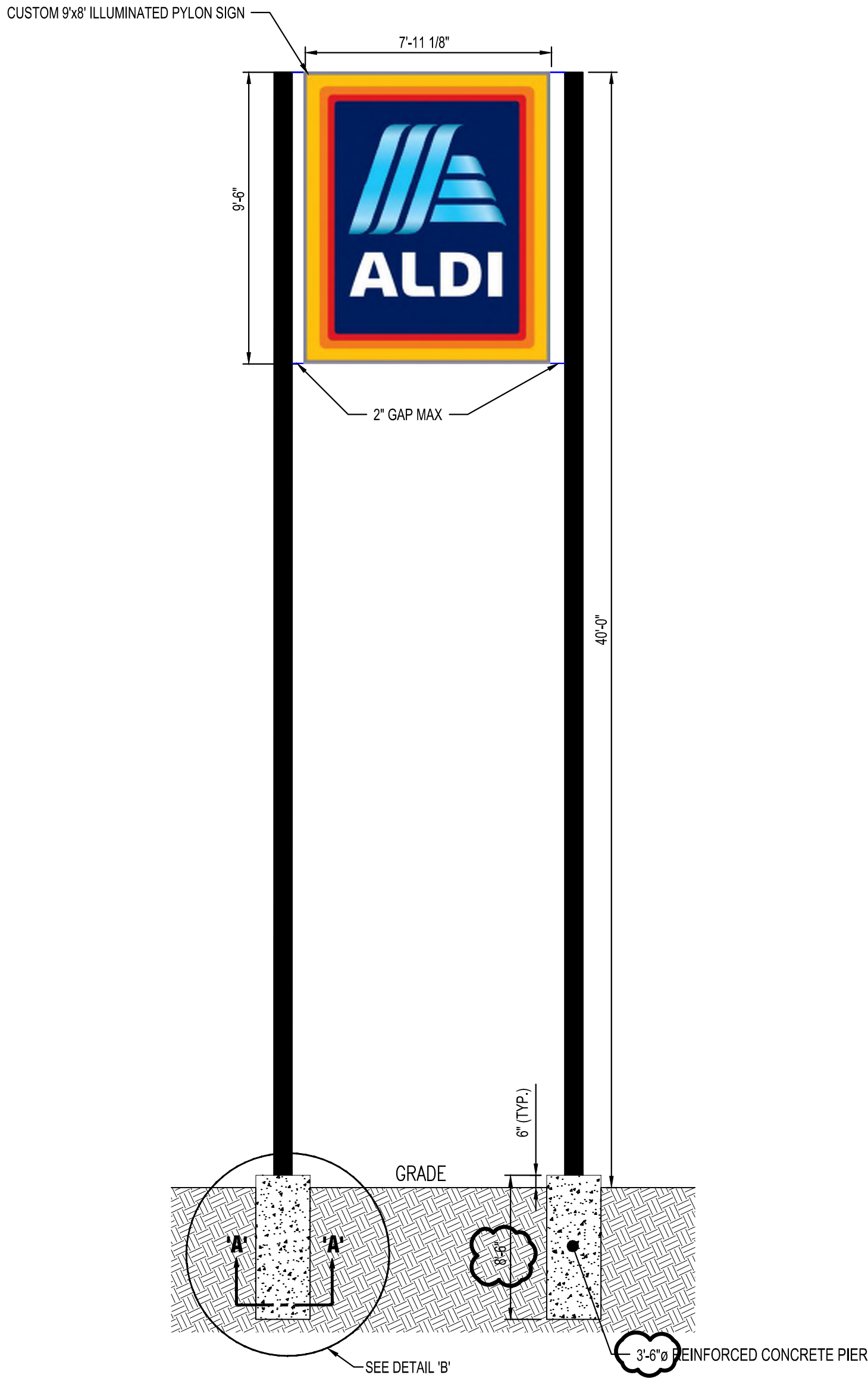
Reviewed By: JMF

ISG Project No.

29782

C-026

Drawing No.



ALDI, INC. PYLON SIGN DETAIL

N.T.S.

CONSTRUCTION NOTES:

A. SPECIFICATIONS

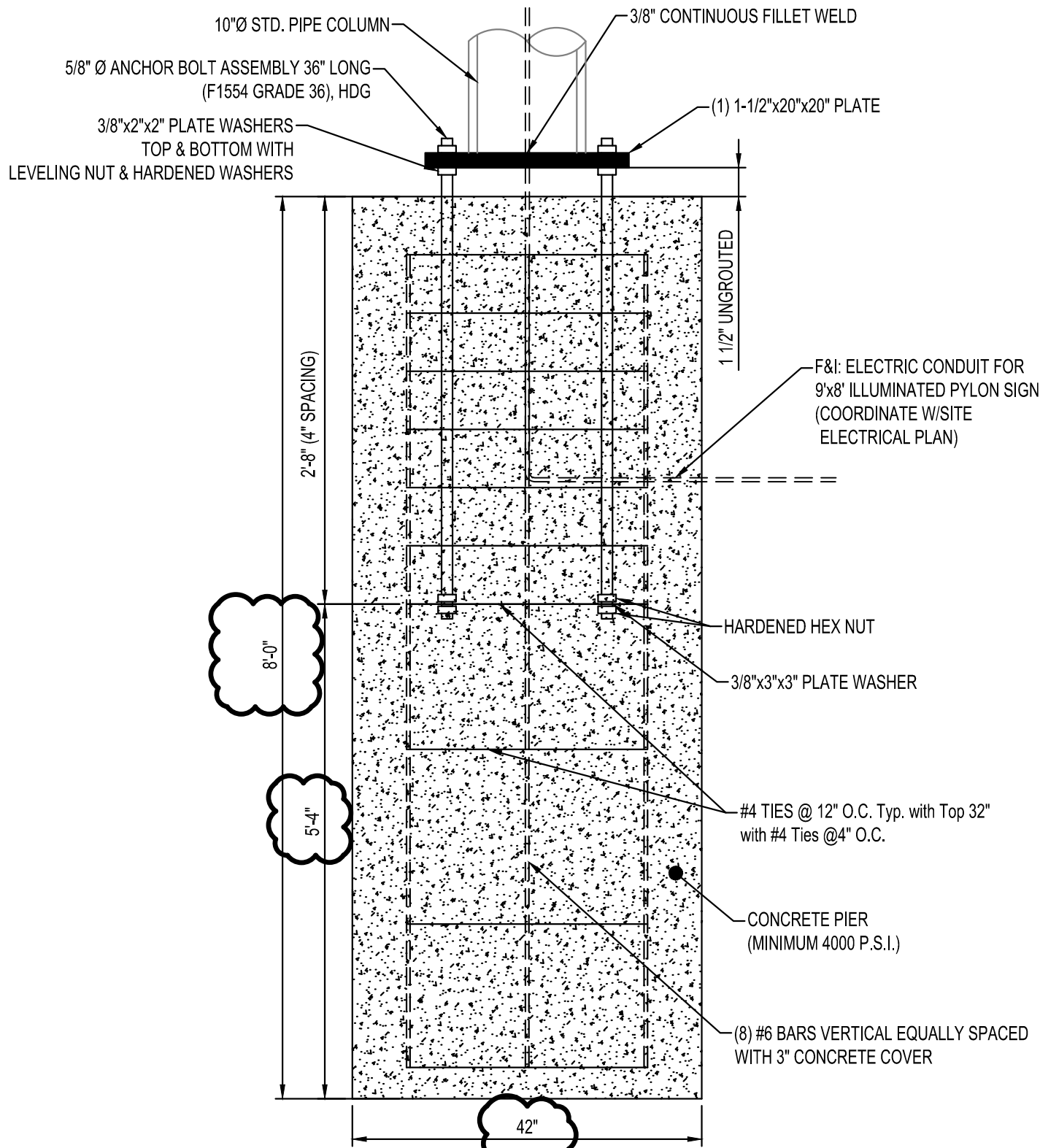
- DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE "STEEL CONSTRUCTION MANUAL", 14TH EDITION, BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, UNO.
- STEEL MATERIALS SHALL MEET THE REQUIREMENTS OF THE FOLLOWING SPECIFICATIONS, UNO.
  - HSS RECTANGULAR, ASTM A500 GRADE B, Fy = 46 ksi
  - HSS ROUND, ASTM A500 GRADE B, Fy = 42 ksi
  - PIPE, ASTM A53 GRADE B, Fy = 35 ksi
  - PLATES AND BARS, ASTM A36, Fy = 36 ksi
- ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF AWS D1.1 (LATEST EDITION) "STRUCTURAL WELDING CODE".
- CONCRETE SHALL BE NORMAL WEIGHT, UNO, AND MEET THE FOLLOWING CRITERIA.
  - fc = 4,000 psi
  - 6% +/- 1.5% AIR ENTRAINMENT
  - 0.55 MAXIMUM WATER-TO-CEMENT RATIO
  - CEMENT SHALL CONFORM TO ASTM C150, TYPE III
  - READY-MIX CONCRETE SHALL BE MIXED AND DELIVERED ACCORDANCE WITH ASTM C94.
  - CONCRETE SHALL BE CAST INPLACE AGAINST UNDISTURBED SOIL. A SONO-TUBE FORM SHOULD ONLY BE USED FOR THE TOP 12" OF THE FOOTING. CONCRETE FORM-WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACE 301 (LATEST EDITION) "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", EXCEPT AS MODIFIED BY THESE DRAWINGS.
- ALL ANCHOR RODS SHALL BE SUPPLIED AND INSTALLED BY THE CONCRETE CONTRACTOR, UNO, AND MEET THE FOLLOWING SPECIFICATIONS.
  - ALL ANCHOR RODS SHALL BE ASTM F1554, GRADE 36, HEX-HEAD, NUTS SHALL BE ASTM A563, GRADE A, HEAVY-HEX, HARDENED WASHERS SHALL BE ASTM 436, OVER-SIZED PLATE WASHERS SHALL BE ASTM A36, AND ALL HOT-DIPPED GALVANIZED.
  - ALL ANCHOR RODS SHALL BE SET WITH TEMPLATES.
- DEFORMED BAR REINFORCEMENT SHALL BE ASTM A615, GRADE 60, UNO, AND MEET THE FOLLOWING CRITERIA.
  - DEVELOPMENT LENGTH OF STRAIGHT BARS SHALL BE 48 TIMES THE DIAMETER OF THE BAR.
  - MINIMUM CLEAR CONCRETE COVER SHALL BE 3 INCHES.
  - ALL REINFORCING STEEL, ANCHOR RODS, DOWELS, AND INSERTS SHALL BE SECURED IN POSITION WITH WIRE POSITIONERS, OR EQUIVALENT, BEFORE PLACING CONCRETE.
- PYLON POLES ARE TO BE PAINTED "SHERWIN WILLIAMS SW - 7019 GAUNTLET GRAY". FOLLOW MANUFACTURER'S SPEC FOR PAINTING.

B. SUBMITTALS:

- PRIOR TO SUBMITTAL, THE CONTRACTOR SHALL REVIEW THE SHOP DRAWINGS AND MAKE ANY CORRECTIONS REQUIRED. THE CONTRACTOR SHALL STAMP AND SIGN THE SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE ENGINEER.
- THE CONTRACTOR SHALL SUBMIT PRODUCT DATA FOR PROPRIETARY MATERIAL AND ITEMS, INCLUDING FORMING ACCESSORIES, ADMIXTURES, PATCHING COMPOUNDS, SEALANTS, WATERSTOPS, JOINT SYSTEMS, CURING COMPOUNDS, AND OTHERS IN AND FOR CONSTRUCTION.
- THE FABRICATOR SHALL CLEARLY HIGHLIGHT/CLOUD ANY CHANGES MADE IN THE SHOP DRAWINGS WHICH DO NOT COMPLY WITH DESIGN DRAWINGS, ANY CHANGES MUST BE APPROVED BY THE ENGINEER PRIOR TO FABRICATION.
- CONTRACTOR TO SUBMIT THE FOLLOWING DRAWINGS TO ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION OF SIGN.
  - CONCRETE REINFORCING STEEL
  - ANCHOR RODS
  - CONCRETE MIX DESIGNS
  - STRUCTURAL STEEL
  - ADDITIONAL SHOP DRAWINGS REQUESTED IN THE SPECIFICATIONS.
- A COPY OF ALL SHOP DRAWINGS SHALL BE MAINTAINED ON SITE AT ALL TIMES.

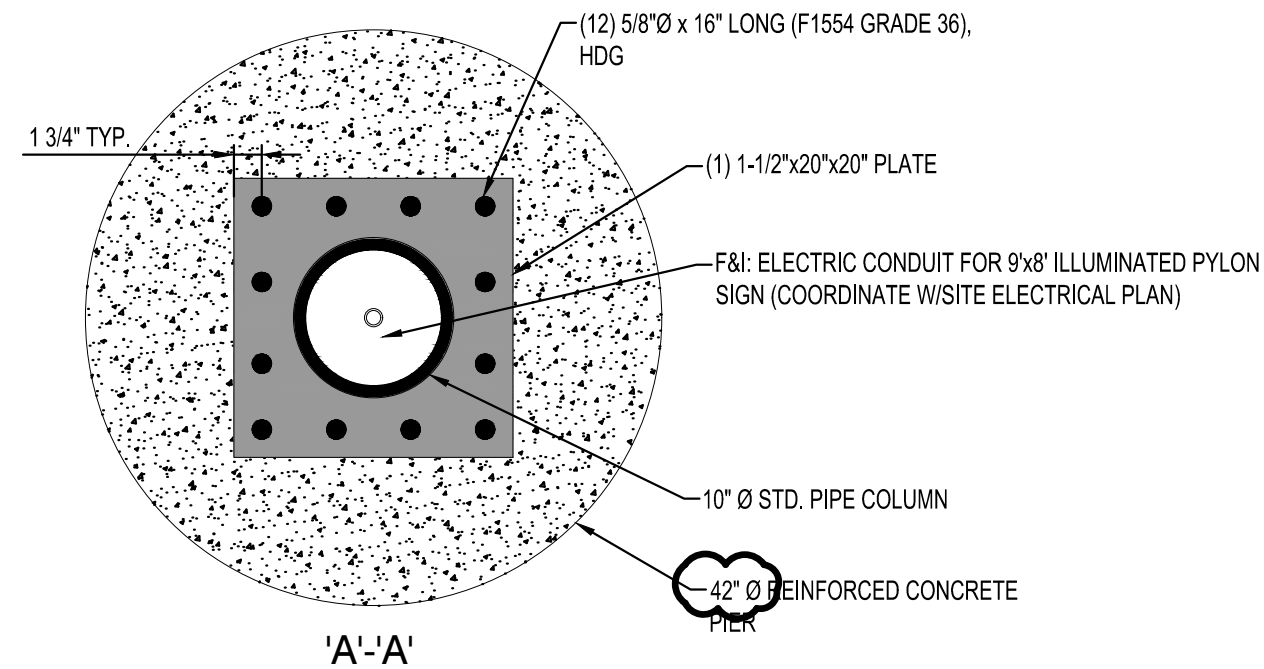
C. QUALITY CONTROL AND QUALITY ASSURANCE:

- COORDINATE FOR ENGINEER OR OWNER'S INDEPENDENT TESTING AGENCY TO INSPECT AND APPROVE REINFORCING STEEL AND EMBEDS PRIOR TO ORDERING CONCRETE.
- COORDINATE FOR OWNER'S INDEPENDENT TESTING AGENCY TO BE ON SITE AND PERFORM CONTINUOUS INSPECTION WHILE CONCRETE PLACEMENT IS OCCURING. PROVIDE NOTICE NO LESS THAN 48 HOURS IN ADVANCE OF CONCRETE PLACEMENT.
- COORDINATE WITH OWNER'S INDEPENDENT TESTING AGENCY TO SAMPLE CONCRETE AT TIME OF PLACEMENT IN ORDER TO PERFORM SLUMP, AIR, TEMPERATURE AND CASTING OF CYLINDERS.
- ANY AND ALL WORK PERFORMED WITHOUT PROPER INSPECTION AND TESTING AS OUTLINED IN THIS SPECIFICATION WILL BE CONSIDERED UNAUTHORIZED WORK. ANY CORRECTIVE MEASURES REQUIRED OF THE UNAUTHORIZED WORK WILL BE AT CONTRACTORS OWN EXPENSE.



DETAIL 'B'

N.T.S.



SIGNAGE DATA		
	BUILDING SIGNAGE	SITE SIGNAGE
MAXIMUM SIGN AREA	100 SF OR 10% OF BUILDING FACADE	2 SF PER FRONTAGE FOOT 200 SF MAX
MAXIMUM HEIGHT	SHALL NOT EXTEND ABOVE PARAPET WALL	40'
SIGNS ALLOWED	1	1

Issued: Date:

A	CITY SUBMITTAL SET #1	02/07/25
B	CITY SUBMITTAL SET #2	03/25/25
C	ISSUED FOR BID	04/07/25
D	CITY SUBMITTAL 3	05/09/25
E	ISSUED FOR CONSTRUCTION	06/09/25

Revisions: Date:

1	CCD-01	06/09/25
2		
3		
4		
5		
6		
7		
8		
9		

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.

*Ryan Anderson*

DATE: 03/26/2025 LIC. NO. 55938

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



MANAGING LOCATION:  
ROGERS OFFICE

3100 MARKET STREET  
SUITE 106  
ROGERS, AR 72758  
PHONE: 479.974.1601



**ALDI Inc.**  
4201 Bagley Avenue North  
Faribault, MN 55021  
(507) 333-9460  
(507) 333-9475 Fax

ALDI Inc. Store #: 154  
LINO LAKES, MN  
7085 OTTER LAKE ROAD  
LINO LAKES, MN 55038  
ANOKA COUNTY

Project Name & Location:

PYLON SIGN DETAIL

Drawing Name:

Type: V7.0 ER

Drawn By: PSH

Designed By: PSH

Reviewed By: JMF

ISG Project No.

29782

C-027

Drawing No.

DocuSign Envelope ID: 841D85CD-FB03-4D03-A407-CFC4F21EEDB81

## STORMWATER POLLUTION PREVENTION PLAN (SWPPP) NARRATIVE

### PROJECT LOCATION

PROJECT/SITE NAME: ALDI  
PROJECT LOCATION: LINO LAKES, MN  
CITY/TOWNSHIP: LINO LAKES  
COUNTY/STATE: MINNESOTA  
ZIP CODE: 55014  
QUARTER SECTION, SECTION, TOWNSHIP, RANGE: SOUTHWEST QUARTER OF THE NORTHWEST QUARTER, SECTION 24, TOWNSHIP 31, RANGE 22

### PROJECT DESCRIPTION

THE PROJECT INCLUDES CONSTRUCTION OF A NEW ALDI STORE WHICH INCLUDES THE ADLI BUILDING, PARKING LOT, AND UTILITY EXTENSIONS TO THE SITE. THIS SITE WILL HAVE TWO ENTRANCES FROM THE ADJACENT ROAD TO THE EAST. UTILITY EXTENSIONS TO THE SITE WILL INCLUDE WATER, SAINTIARY, AND STORM SEWER WITH A DETENSION BASIN.

TENTATIVE CONSTRUCTION SCHEDULE (OPERATOR SHOULD PROVIDE ESTIMATED CONSTRUCTION SCHEDULE TO THE OWNER'S REPRESENTATIVE)	
CONSTRUCTION ACTIVITIES:	ESTIMATED DATES OF SOIL DISTURBANCE ACTIVITIES:
CLEARING AND GRUBBING OPERATIONS, GRADING	
UTILITY INSTALLATION	
CURB & GUTTER, SIDEWALK	
PAVING	
LANDSCAPING, FINAL TURF, MISC.	

### PRE-CONSTRUCTION IMPERVIOUS SURFACE AND DISTURBED AREA CALCULATIONS

TOTAL AREA TO BE DISTURBED = 2.36 ACRES MINIMUM AREA REQUIRING MPCA PERMIT = 1.00 ACRES  
\*\*AN MPCA NPDES PERMIT IS REQUIRED FOR THIS PROJECT\*\*  
IMPERVIOUS AREA: PRE-CONSTRUCTION = 0.00 ACRES/POST-CONSTRUCTION = 1.89 ACRES  
NET INCREASE OF IMPERVIOUS AREA = 1.89 ACRES  
MINIMUM NEW IMPERVIOUS SURFACE AREA CREATED REQUIRING PERMANENT STORMWATER MANAGEMENT = 1.89 ACRES (BASED ON MPCA PERMIT/CITY CODE/WATERSHED REQUIREMENTS)

### CONTACT INFORMATION/RESPONSIBLE PARTIES

THE OWNER OWNS THE LAND, ADJACENT ROADS, AND EASEMENT AREAS ASSOCIATED WITH THE PROJECT. THE OWNER IS THE OWNER CO-PERMITTEE APPLYING FOR PERMIT COVERAGE AND WILL BE RESPONSIBLE FOR COMPLIANCE WITH ALL TERMS AND CONDITIONS OF THE PERMIT INCLUDING DEVELOPING THIS SWPPP AND THE LONG-TERM MAINTENANCE PLAN OF THE PERMANENT STORMWATER MANAGEMENT SYSTEM FOR THIS PROJECT (IF APPLICABLE). THE OWNER WILL ENSURE THAT THE DESCRIBED WORK IN THE SWPPP IS BEING COMPLETED BY THE OPERATOR PERMITTEE.

OWNER/PERMITTEE: ALDI, INC. (ANDREW MACK, DIRECTOR OF REAL ESTATE)  
4201 BAGLEY AVE  
FAIRBAULT, MN 55021  
507.333.9460 / ANDREW.MACK@ALDI.US

THE PRIMARY CONTRACTOR WILL ENTER INTO A CONTRACT WITH THE OWNER TO COMPLETE THE REQUIRED WORK FOR THIS PROJECT. THE PRIMARY CONTRACTOR WILL BECOME (UNDER CONTRACT) THE OPERATOR CO-PERMITTEE APPLYING FOR PERMIT COVERAGE ON THE NPDES PERMIT (THROUGH EXECUTION OF A NPDES PERMIT MODIFICATION FORM), AND THEREBY AGREE TO IMPLEMENT THIS SWPPP IN COOPERATION WITH THE OWNER. THE OPERATOR IS RESPONSIBLE FOR IDENTIFYING AN EROSION CONTROL SUPERVISOR PRIOR TO STARTING CONSTRUCTION (REFER TO SWPPP AMENDMENT SECTION). THE NPDES PERMIT MODIFICATION FORM SHALL BE SUBMITTED TO THE MPCA AFTER THE PROJECT IS AWARDED TO THE OPERATION, PRIOR TO LEAVING THE PROJECT.

THE OPERATOR WILL ENSURE THAT INDIVIDUALS OVERSEEING OR IMPLEMENTING THE SWPPP HAVE BEEN PROPERLY TRAINED AND THAT CERTIFICATIONS WILL BE MADE AVAILABLE UPON REQUEST. THIS INCLUDES ANY SUB-CONTRACTORS THAT THE OPERATOR EMPLOYS UNDER SEPARATE CONTRACT. THE OPERATOR WILL PROVIDE THE CONTACT INFORMATION FOR THE EROSION CONTROL SUPERVISOR, SITE SUPERINTENDENT/FOREMAN, AND BMP INSTALLERS. THE EROSION CONTROL SUPERVISOR SHALL BE A RESPONSIBLE EMPLOYEE OF THE PRIME CONTRACTOR AND/OR DULY AUTHORIZED BY THE PRIME CONTRACTOR TO REPRESENT THE PRIME CONTRACTOR ON ALL MATTERS PERTAINING TO THE NPDES CONSTRUCTION STORMWATER PERMIT COMPLIANCE. THE EROSION CONTROL SUPERVISOR SHALL HAVE AUTHORITY OVER ALL OPERATOR ACTIVITIES WHICH INFLUENCE NPDES PERMIT COMPLIANCE, INCLUDING GRADING, EXCAVATION, BRIDGE CONSTRUCTION, CULVERT INSTALLATION, UTILITY WORK, CLEARING/GRUBBING, DEWATERING, AND ANY OTHER OPERATION THAT INCREASES THE EROSION POTENTIAL ON THE PROJECT.

THE OPERATOR WILL PERFORM A PRECONSTRUCTION SITE VISIT TO ADDRESS ANY AREAS OF CONCERN PERTAINING TO ENVIRONMENTAL COMPLIANCE. THE OPERATOR WILL IMPLEMENT AND MAINTAIN BMPS FOR THE DURATION OF CONSTRUCTION PROJECT. THE OPERATOR WILL COMPLETE THE REQUIRED SITE INSPECTIONS, AND IS RESPONSIBLE FOR SECTION 3-4, 6-22, 24, AND APPLICABLE PARTS OF 23, TO REMAIN IN COMPLIANCE WITH NPDES PERMIT.

OPERATOR/PERMITTEE: (TO BE DETERMINED AND IDENTIFIED THROUGH TRANSFER OF NPDES-CSW PERMIT)

ISG INC. HAS BEEN CONTRACTED BY THE OWNER TO DEVELOP THE SWPPP PLAN FOR THIS PROJECT. THIS SWPPP WAS PREPARED BY AN INDIVIDUAL THAT HAS BEEN PROPERLY TRAINED IN ACCORDANCE TO SECTION 21 OF THE NPDES PERMIT (CERTIFICATION CARDS ARE AVAILABLE UPON REQUEST). ISG INC. WILL OFFER GUIDANCE FOR COMPLIANCE WITH THE NPDES PERMIT BEFORE, DURING, AND AFTER CONSTRUCTION OF THE PROJECT.

SWPPP DESIGNER: ISG INC. (PARKER HAMANN)  
345 N REID ST., SUITE 300  
SIOUX FALLS, SD 57103  
605.274.6401/PARKER.HAMANN@ISGINC.COM

PERMENANT STORMWATER MANAGEMENT SYSTEM:  
ISG INC. (JAMIE FOUST)  
7900 INTERNATIONAL DR., SUITE 550  
MINNEAPOLIS, MN 55416  
952-426-0699/JAMIE.FOUST@ISGINC.COM

AGENCY CONTACTS			
AGENCY	PERMIT	NAME	PHONE NUMBER/E-MAIL
MPCA (EMERGENCY)	N/A	STATE DUTY OFFICER	1-800-422-0798
MPCA	NPDES-CSW #MNR100001	BRIAN GREEN	507-206-2810/BRIAN.GREEN@STATE.MN.US
ACOE	SECTION 404	LEO GRABOWSKI	218-829-8402/LEONARD.A.GRABOWSKI@USACE.ARMY.MIL

### PERMANENT STORMWATER TREATMENT SYSTEMS

THE NPDES PERMANENT WATER QUALITY VOLUME (SECTION 15) FROM THE NET NEW IMPERVIOUS SURFACES OF THE PROJECT IS PROVIDED IN THE PROPOSED WET SEDIMENTATION BASIN. HYDROLOGIC AND WATER QUALITY MODELING DATA AND THE CONTAMINATION CHECKLIST IS AVAILABLE UPON REQUEST. THE SITE IS ABLE TO MEET THE FULL VOLUME REDUCTION REQUIREMENT DUE TO ON-SITE SOILS THAT ARE NOT CONDUCIVE TO INFILTRATION.

LOCATION OF SWPPP COMPONENTS		
DESCRIPTION	TITLE	LOCATION (SHEET NAME)
SWPPP NARRATIVE	SWPPP NARRATIVE	SWPPP NOTES
SITE CONDITIONS	SWPPP NARRATIVE	SITE EROSION CONTROL PLAN
SITE MAPS (SOILS, WATER RESOURCES, POTENTIAL POLLUTANT GENERATING ACTIVITIES)	SWPPP MAP, SWPPP NARRATIVE	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)
CONSTRUCTION PHASING/STAGING, BUFFERS, & AREAS NOT TO BE DISTURBED	SWPPP NARRATIVE	SITE EROSION CONTROL PLAN
DIRECTION OF SURFACE WATER FLOW (PRE- & POST- CONSTRUCTION)	DRAINAGE PLAN	SITE EROSION CONTROL PLAN
IMPERVIOUS SURFACES	CONSTRUCTION PLAN & PROFILE	SITE EROSION CONTROL PLAN
TEMPORARY EROSION & SEDIMENT CONTROL BMPS FOR STEEP SLOPES (3:1), DNR FISH EXCLUSION "WORK IN WATER RESTRICTIONS" REFER TO SWPPP	TEMPORARY EROSION AND SEDIMENT CONTROL PLAN, SWPPP NARRATIVE	SITE EROSION CONTROL PLAN
PERMANENT EROSION PREVENTION BMPS	TURF ESTABLISHMENT PLAN, SWPPP NARRATIVE	SITE EROSION CONTROL PLAN; SITE RESTORATION PLAN
STORM SEWER	DRAINAGE PLAN	SITE UTILITY PLAN
GRADING	GRADING PLAN	OVERALL GRADING PLAN, BUILDING GRADING PLAN
ESTIMATED BMP QUANTITIES	ESTIMATED QUANTITIES	SITE EROSION CONTROL PLAN
BMP DETAIL S/SPECIFICATIONS	MISC. DETAILS, SWPPP NARRATIVE	SWPPP NOTES
HYDROLOGIC/WATER QUALITY MODELING		AVAILABLE UPON REQUEST

### EXISTING SITE CONDITIONS, SOILS, & WATER RESOURCES

SOILS AND NATIVE TOPSOIL: NATIVE TOPSOIL WILL BE STRIPPED AND STOCKPILED FOR FINAL GRADING OPERATIONS, WHERE INDICATED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS. METHODS AND EQUIPMENT TO MINIMIZE SOIL COMPACTION (IN PROPOSED INFILTRATION AREAS, DRIP LINE OF TREES TO BE PRESERVED, ETC.) SHALL BE DETERMINED BY THE OPERATOR'S SWPPP AMENDMENT. TRACKED VEHICLES ARE PREFERRED AND WHEELED VEHICLES ARE DISCOURAGED IN THESE AREAS. THE FOLLOWING USDA-NRCS MAPPED SOILS ARE SHOWN AS "NOT HIGHLY ERODIBLE" ON THE COUNTY SOIL SURVEY MAP.

USDA-NRCS MAPPED SOIL SURVEY UNIT NO., NAME, TEXTURE, SLOPE PERCENTAGE	PERCENTAGE OF PROJECT AREA	APPROXIMATE PARTICLE SIZE RANGE (MM)		
		SAND (0.05-2.00+)	SILT (0.002-0.05)	CLAY (<0.002)
HDB HAYDEN FINE SANDY LOAM, 2 TO 6 PERCENT	79%	45-85%	0-50%	0-20%
WB WEBSTER LOAM	21%	22-52%	28-50%	8-28%

DESCRIPTION OF RECEIVING WATERS (LOCATED WITHIN 1-MILE): STORMWATER FROM THIS PROJECT WILL BE CONVEYED TO INTAKE STRUCTURES WHICH THEN CONVEYS STORMWATER TO AN WET SEDIMENT BASIN. THE OUTLET FOR THE WET SEDIMENT BASIN OUTLETS TO AN EXISTING WETLAND TO THE WEST. THE OVERFLOW FOR THE WETLAND IS A ROADWAY DITCH TO THE SOUTHWEST. HYDROLOGIC AND WATER QUALITY MODELING DATA IS AVAILABLE UPON REQUEST.

DESCRIPTION OF IMPAIRED WATERS OR WATER SUBJECT TO TMDLS: A SPECIAL AND IMPAIRED WATERS SEARCH WAS COMPLETED USING THE MPCA SEARCH ENGINE (HTTPS://MPCA.MAPS.ARCGIS.COM/APPS/WEBAPPVIEWER/INDEX.HTML?ID=E03EF170FA3E41F6BE92F9FAFEC100CC) ON 11/18/2024. BASED ON THIS REVIEW, THE FOLLOWING SPECIAL OR IMPAIRED WATERS (WITH CONSTRUCTION RELATED IMPAIRMENTS) ARE LOCATED WITHIN ONE MILE OF, AND DOWNSTREAM OF ANY PROJECT DISCHARGE POINTS: CLEARWATER CREEK (AUDI 07010206-834) IS IMPAIRED, THEREFORE SECTION 23 REQUIREMENTS APPLY TO THIS PROJECT.

### DISCHARGES TO SPECIAL IMPAIRED WATERS (SECTION 23)

ALL REQUIREMENTS IN SECTION 23 ARE IN ADDITION TO BMPS ALREADY SPECIFIED IN THE PERMIT. WHERE PROVISIONS OF SECTION 23 CONFLICT WITH REQUIREMENTS ELSEWHERE IN THE PERMIT, THE PROVISIONS IN SECTION 23 TAKE PRECEDENCE. ALL BMPS USED TO COMPLY WITH THESE ITEMS MUST BE DOCUMENTED IN THE SWPPP FOR THE PROJECT.

23.9 EXPOSED SOILS: OPERATOR SHALL STABILIZE ALL EXPOSED SOIL AREAS WITHIN (7) DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.

23.10 TEMPORARY BASIN: OPERATOR SHALL ADHERE TO THE REQUIREMENTS DESCRIBED IN ITEM 14.1-14.10 OF THE NPDES CONSTRUCTION PERMIT FOR COMMON DRAINAGE LOCATIONS THAT SERVE AN AREA WITH FIVE (5) OR MORE ACRES DISTURBED.

23.11 BUFFER ZONE: AN UNDISTURBED BUFFER ZONE OF NOT LESS THAN 100 LINEAR FEET FROM THE SPECIAL WATER (NOT INCLUDING TRIBUTARIES) SHALL BE MAINTAINED AT ALL TIMES. EXCEPTIONS FROM THIS REQUIREMENT FOR AREAS, SUCH AS WATER CROSSINGS, LIMITED WATER ACCESS AND RESTORATION OF THE BUFFER ARE ALLOWED IF THE PERMITTEE FULLY DOCUMENTS IN THE SWPPP THE CIRCUMSTANCES AND REASONS THAT THE BUFFER ENCROACHMENT IS NECESSARY. REPLACEMENT OF EXISTING IMPERVIOUS SURFACE WITHIN THE BUFFER IS ALLOWED UNDER THIS PERMIT. ALL POTENTIAL WATER QUALITY, SCENIC AND OTHER ENVIRONMENTAL IMPACTS OF THESE EXCEPTIONS MUST BE MINIMIZED BY THE USE OF ADDITIONAL OR REDUNDANT BMPS AND DOCUMENTED IN THE SWPPP FOR THE PROJECT.

23.12 TEMPERATURE CONTROLS: THE PERMANENT STORMWATER MANAGEMENT SYSTEM MUST BE DESIGNED SUCH THAT THE DISCHARGE FROM THE PROJECT WILL MINIMIZE ANY INCREASE IN THE TEMPERATURE OF TROUT STREAM RECEIVING WATERS RESULTING FROM THE 1-AND 2-YEAR 24-HOUR PRECIPITATION EVENTS. THIS INCLUDES ALL TRIBUTARIES OF DESIGNATED TROUT STREAMS WITHIN THE PLSS SECTION THAT THE TROUT STREAM IS LOCATED. ALL STORMWATER ROUTED TO THE STORMWATER SYSTEM MUST DISCHARGE WITHIN 24 HOURS. PROJECTS THAT DISCHARGE TO TROUT STREAMS MUST MINIMIZE THE IMPACT USING ONE OR MORE OF THE FOLLOWING MEASURES, IN ORDER OF PREFERENCE:

- PROVIDE STORMWATER INFILTRATION OR OTHER VOLUME REDUCTION PRACTICES AS DESCRIBED IN ITEM 15.4-15.5.
- PROVIDE STORMWATER FILTRATION AS DESCRIBED IN ITEM 17.1-17.11.
- MINIMIZE THE DISCHARGE FROM CONNECTED IMPERVIOUS SURFACES BY DISCHARGING TO VEGETATED AREAS, OR GRASS SWALES, AND THROUGH THE USE OF OTHER NON-STRUCTURAL CONTROLS.
- IF A DRY POND IS USED, THE DESIGN MUST INCLUDE AN APPROPRIATE COMBINATION OR MEASURES SUCH AS SHADING, VEGETATED SWALE DISCHARGES OR CONSTRUCTD WETLAND TREATMENT CELLS THAT LIMIT TEMPERATURE INCREASES.
- OTHER METHODS THAT MINIMIZE ANY INCREASE IN THE TEMPERATURE OF THE TROUT STREAM.

12.13 INSPECTIONS: PERMITTEES MUST CONDUCT ROUTINE SITE INSPECTIONS ONCE EVERY THREE (3) DAYS AS DESCRIBED IN ITEM 11.2.

23.14 TREATMENT: IF DISCHARGES TO PROHIBITED WATERS CANNOT PROVIDE VOLUME REDUCTION EQUAL TO ONE (1) INCH TIMES THE NET INCREASE OF IMPERVIOUS SURFACES AS REQUIRED IN ITEM 15.4 AND 15.5, PERMITTEES MUST DEVELOP A PERMANENT STORMWATER TREATMENT PLAN THAT WILL RESULT IN NO NET INCREASE OF TSS OR PHOSPHORUS TO THE PROHIBITED WATER. PERMITTEES MUST KEEP THE PLAN IN THE SWPPP FOR THE PROJECT.

### POTENTIAL FOR SEDIMENT AND/OR OTHER POLLUTANT(S) DISCHARGING FROM THE PROJECT SITE

THE TEMPORARY EROSION AND SEDIMENT CONTROL BMPS IN THIS SWPPP HAVE BEEN DESIGNED TO MINIMIZE THE POTENTIAL OF SEDIMENTS DISCHARGING OFF-SITE FROM A 0.5 INCH RAINFALL WITHIN A 24 HOUR PERIOD. THE NOAA ATLAS 14 POINT PRECIPITATION FREQUENCY ESTIMATE FOR THE PROJECT LOCATION WAS REVIEWED AND USED FOR ANTICIPATED INSPECTION FREQUENCY, BMP DESIGN, AND ESTIMATING CONSTRUCTION ACTIVITIES IN THIS SWPPP. ATLAS 14 RESULTS DO NOT NECESSARILY REFLECT ANY DESIGN CRITERIA IN THE PERMANENT STORMWATER MANAGEMENT SYSTEM.

ROUTINE INSPECTION AND BMP MAINTENANCE BY THE OPERATOR IS CRUCIAL IN ENSURING THE FUNCTIONALITY OF EACH BMP. STEEP SLOPES AND OTHER ENVIRONMENTALLY SENSITIVE AREAS THAT ARE AT A HIGHER RISK OF SEDIMENTATION ARE DEFINED IN THIS SWPPP (IF APPLICABLE).

### CONSTRUCTION PHASING/STAGING, BUFFERS, & AREAS NOT TO BE DISTURBED

AREAS NOT TO BE DISTURBED ARE TO BE DELINEATED BEFORE WORK BEGINS. PERMITTEES ARE RESPONSIBLE FOR PRESERVING A 50 FOOT NATURAL BUFFER OR (IF INFEASIBLE AND DOCUMENTED) PROVIDE REDUNDANT SEDIMENT CONTROL BMPS, WHEN A SURFACE WATER IS LOCATED WITHIN 50 FEET AND RECEIVES DRAINAGE FROM THE PROJECT'S GRADING LIMITS. THIS REQUIREMENT DOES NOT APPLY TO ADJACENT ROAD SIDE DITCHES, JUDICIAL/COUNTY DITCHES, STORMWATER CONVEYANCES, STORM DRAIN INLETS, AND SEDIMENT BASINS.

### ENVIRONMENTALLY SENSITIVE AREAS

STEEP SLOPES: EXISTING AND PROPOSED SLOPES 1 IN 3 (33.33%) AND STEEPER THAT ARE PROPOSED TO BE DISTURBED ARE ILLUSTRATED ON THE PLAN SHEETS. STEEP SLOPES MAY BE TEMPORARILY CREATED DURING GRADING OPERATIONS IF NECESSARY, AT WHICH TIME TEMPORARY BMPS MUST BE IMPLEMENTED BY THE OPERATOR (THROUGH AN APPROVED SWPPP AMENDMENT) WITHIN 14 DAYS OF NO LONGER WORKING THE STEEP SLOPE.

CONTAMINATED PROPERTIES: THE MPCA'S "WHAT'S IN MY NEIGHBORHOOD" DATABASE WAS REVIEWED ON 11/18/2024 (WWW.PCA.STATE.MN.US/DATA/WHATS-MY-NEIGHBORHOOD) AND A CONTAMINATION ASSESSMENT WAS PERFORMED (AVAILABLE UPON REQUEST). PHASE I ENVIRONMENTAL LSITE ASSESSMENT HAS BEEN COMPLETED FOR THE PROJECT (OCT., 2024- AVAILABLE UPON REQUEST). NO PRE-EXISTING HAZARDOUS MATERIALS OR WASTES ARE ANTICIPATED TO BE IMPACTED BY THE PROJECT.

STORMWATER POLLUTION MITIGATION MEASURES (AS IDENTIFIED FROM ENVIRONMENTAL REVIEW): NO FORMAL ENVIRONMENTAL REVIEW WAS REQUIRED FOR THIS PROJECT, THEREFORE, NO ADDITIONAL STORMWATER RELATED MITIGATION MEASURES APPLY.

KARST AREAS: THERE ARE NO KNOWN ACTIVE KARST AREAS WITHIN OR ADJACENT TO THE PROJECT LIMITS.

SITE PLAN REQUIRED AREAS: NO AREAS OF "HIGH ENVIRONMENTAL RISKS" ARE KNOWN TO BE LOCATED WITHIN OR IMMEDIATELY ADJACENT TO THE PROJECT LIMITS.

FLOOD CONTINGENCY PLAN: PROJECT ACTIVITIES MAY NOT OCCUR WITHIN THE 100-YEAR FLOODPLAIN OR FLOODWAY, THEREFORE, THE PROJECT ENGINEER (AT THEIR DISCRETION) MAY REQUIRE A PREVENTATIVE FLOOD CONTINGENCY PLAN FOR SPECIFIC PROJECT ACTIVITIES AND AREAS IF SEASONAL PRECIPITATION POSSES A POTENTIAL RISK OF FLOODING WORK AREAS WITHIN THE PROJECT LIMITS. THIS PLAN SHALL BE SUBMITTED BY THE OPERATOR TO THE OWNERS REPRESENTATIVE FOR APPROVAL A MINIMUM OF 72 HOURS PRIOR TO THE SCHEDULED WORK AND/OR DURING ACTIVE WORK WITHIN THE FLOODPLAIN. NO WORK WITHIN THE FLOODPLAIN CAN COMMENCE UNTIL WRITTEN APPROVAL/NOTICE TO PROCEED FROM THE OWNERS REPRESENTATIVE IS RECEIVED.

FISH EXCLUSION DATES: FISH EXCLUSION DATES ARE NOT APPLICABLE TO THIS PROJECT LOCATION.

AQUATIC INVASIVE SPECIES: ALL IN-STREAM AND DEWATERING EQUIPMENT SHALL BE DECONTAMINATED OF ALL AQUATIC PLANTS AND PROHIBITED INVASIVE SPECIES PRIOR TO USING WITHIN SURFACE WATERS ON-SITE AND TRANSPORTING OFF-SITE. ALL DECONTAMINATION ACTIVITIES SHALL MEET THE CHAPTER 1 STANDARDS OF THE MINNESOTA DNR'S BEST PRACTICES MANUAL FOR MEETING DNR GENERAL PUBLIC WATERS WORK PERMIT GP 2004-0001.

WETLANDS: THERE ARE SEVERAL WETLANDS WITHIN THE PROJECT AREA AND MUST BE PROTECTED TO THE MAXIMUM EXTENT POSSIBLE. 0.0 ACRES OF WETLAND FILLED/EXCAVATION HAS BEEN PERMITTED AS ILLUSTRATED ON THE PLAN SHEETS. PERMITTED AREAS OF WETLAND IMPACT WILL BE PROTECTED WITH SILT FENCE ALONG THE PERIMETER OF THE FILL OR EXCAVATION LIMITS.

APPLICABLE FEDERAL, TRIBAL, STATE OR LOCAL PROGRAMS: THE PROJECT FALLS UNDER THE JURISDICTION OF SEVERAL ENTITIES, AS IDENTIFIED IN THE "AGENCY CONTACTS" TABLE ON PAGE 1 OF THE SWPPP. THE MORE STRINGENT OF LOCAL VS. STATE VS. FEDERAL RULES SHALL APPLY WHERE THEY CONFLICT. INFORMATION PERTAINING TO THE STATE NPDES PERMIT CAN BE FOUND AT: (HTTP://WWW.PCA.STATE.MN.US/INDEX.PHP/WATER/WATER-TYPES-AND-PROGRAMS/STORMWATER/CONSTRUCTION-STORMWATER). THE OPERATOR IS RESPONSIBLE TO COMPLY WITH ALL APPLICABLE PERMITS, MNDOT SPECIAL PROVISION, MNDOT SPEC BOOK (2018 EDITION), MNDOT SPECIFICATIONS 1717.

### SEQUENCE OF CONSTRUCTION/TIMING OF BMP INSTALLATION

NO CONSTRUCTION OPERATIONS, INCLUDING REMOVALS, THAT REQUIRE EROSION & SEDIMENT CONTROL PER THE SWPPP CAN COMMENCE UNTIL THE OPERATOR'S EROSION CONTROL SUPERVISOR CERTIFIES THE PROPER INSTALLATION OF BMPS AND A CHAIN OF RESPONSIBILITY FOR SWPPP IMPLEMENTATION IS CREATED FOR ALL OPERATORS ON THE SITE. PERIMETER SEDIMENT CONTROLS (SILT FENCE, INLET PROTECTION, CONSTRUCTION ENTRANCES, ETC.) SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION. THESE PRACTICES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION IS ACHIEVED. OPERATOR SHALL IMPLEMENT THE NECESSARY ON SITE BMPS IN ACCORDANCE WITH THE NPDES PERMIT REQUIREMENTS TO PREVENT NUISANCE CONDITIONS (MN RULES 7050.2010) FROM ANY DISCHARGES UNDER COVERAGE OF THE NPDES PERMIT. IN SOME CASES, MULTIPLE OR REDUNDANT APPLICATIONS OF SOME BMPS MAY BE NEEDED TO MEET THESE REQUIREMENTS.

### INSPECTION PROCEDURES, SWPPP AMENDMENTS, RECORD KEEPING, & TRAINING

- THE SWPPP MUST BE AMENDED BY THE OPERATOR WHEN THE IDENTITY OF THE RESPONSIBLE SITE OPERATORS (EROSION CONTROL SUPERVISOR, SUB-CONTRACTORS, ETC.) ARE KNOWN.
- THE OPERATOR MUST INSPECT THE ENTIRE CONSTRUCTION SITE AT LEAST ONCE EVERY SEVEN (7) DAYS DURING ACTIVE CONSTRUCTION AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES IN 24 HOURS. THE OPERATOR SHALL PROVIDE A RAINFALL GAUGE ON-SITE, WITHIN ONE MILE OF THE SITE, OR SOURCE OF THE WEATHER REPORTING SYSTEM THAT USES SITE SPECIFIC RAINFALL DATA FROM RADAR SUMMARIES. THE LOCATION AND SOURCE OF THE RAINFALL GAUGE OR REPORTING SYSTEM MUST BE DOCUMENTED IN THE FIRST SWPPP INSPECTION REPORT. THE INSPECTION FREQUENCY MAY BE REDUCED TO ONCE PER MONTH OR SUSPENDED, IF SITE CONDITIONS MEET ITEM 11.10 OF THE NPDES PERMIT. ALL INSPECTIONS AND MAINTENANCE CONDUCTED MUST BE RECORDED IN WRITING BY THE OPERATOR AND RETAINED WITH THE SWPPP. THE MPCA SITE INSPECTION FORM IS AVAILABLE FOR OPERATORS TO USE TO COMPLETE THE REQUIRED INSPECTIONS. THE FORM CAN BE FOUND ON THE MPCA WEBSITE OR AVAILABLE UPON REQUEST FOR THE PROJECT OWNER. RECORDS OF EACH INSPECTION AND MAINTENANCE ACTIVITY SHALL INCLUDE:  
A. DATE, TIME, AND NAME OF PERSON(S) CONDUCTING INSPECTIONS;  
B. FINDINGS OF INSPECTIONS, INCLUDING RECOMMENDATIONS FOR CORRECTIVE ACTIONS;  
C. CORRECTIVE ACTIONS TAKEN (INCLUDING DATES, TIMES, AND PARTY COMPLETING MAINTENANCE ACTIVITIES); INCLUDING DOCUMENTATION/PHOTOS OF IMPLEMENTED BMPS INTENDED TO CORRECT A PROBLEM BUT FAILED.  
D. DATE AND AMOUNT OF ALL RAINFALL EVENTS GREATER THAN 0.5 INCHES IN 24 HOURS;  
E. DOCUMENTATION OF CHANGES MADE TO THE SWPPP.
- SWPPP AMENDMENTS AND SITE PLANS WILL BE PREPARED BY THE OPERATOR AND SUBMITTED TO THE OWNER FOR REVIEW AND WRITTEN APPROVAL BY THE PROJECT OWNER (OR DESIGNATED REPRESENTATIVE). ALL OWNER ACCEPTED AND DENIED SWPPP AMENDMENTS AND SITE PLANS MUST BE RECORDED IN WRITING AND RETAINED WITH THE SWPPP.

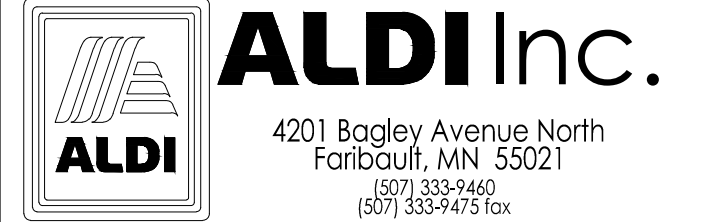
Issued:		Date:
A	CITY SUBMITTAL SET #1	02/07/25
B	CITY SUBMITTAL SET #2	03/25/25
C	ISSUED FOR BID	04/07/25
D	CITY SUBMITTAL 3	05/09/25
E	ISSUED FOR CONSTRUCTION	06/09/25
Revisions:		Date:
1		
2		
3		
4		
5		
6		
7		
8		
9		

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.

*Ryan Anderson*  
DATE: 03/26/2025 LIC. NO. 55938  
SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



MANAGING LOCATION:  
BLOOMINGTON OFFICE  
7900 INTERNATIONAL DRIVE  
SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



ALDI Inc. Store #: 154  
LINO LAKES, MN  
7085 OTTER LAKE ROAD  
LINO LAKES, MN 55038  
ANOKA COUNTY

Project Name & Location:

## SWPPP NOTES

Drawing Name:		ISG Project No.
Type:	v7.0 ER	29782
Drawn By:	PSH	
Designed By:	PSH	C-110
Reviewed By:	JMF	Drawing No.

4. THE SWPPP SHALL BE AMENDED TO INCLUDE ADDITIONAL OR MODIFIED BMPs, DESIGNED TO CORRECT IDENTIFIED PROBLEMS OR ADDRESS SITUATIONS (UNDER SECTION 6 OF THE NPDES PERMIT), PRIOR TO CONDUCTING SPECIFIC STAGES/PHASES OF THE PROJECT, AS REQUIRED BY THE OWNER AND DEFINED IN THIS PROJECT SWPPP.

THE TABLE BELOW IS A SUMMARY OF THE REQUIRED SWPPP AMENDMENTS:

SUMMARY OF OPERATOR PREPARED SWPPP AMENDMENTS (REQUIRED BY OWNER)		
SWPPP AMENDMENT NAME	SWPPP AMENDMENT DETAILS	SUBMITTAL TIMEFRAME
OPERATOR CHAIN OF RESPONSIBILITY	REFER TO "CONTACT INFORMATION/RESPONSIBLE PARTIES" SECTION	7 DAY PRIOR TO INITIATING WORK
BMP AMENDMENTS	SUBSTITUTED, ADDITIONAL, OR REDUNDANT BMPs TO COMPENSATE FOR FAILING/FAILED BMPs	DURING/AFTER CONSTRUCTION ACTIVITIES
METHODS TO MINIMIZE SOIL COMPACTION	REFER TO "EXISTING SITE CONDITIONS, SOILS, AND WATER RESOURCES" SECTION	7 DAYS PRIOR TO WORK WITHIN INFILTRATION BASINS AND PRESERVED TREE AREAS
STEEP SLOPES PHASING PLAN	REFER TO "ENVIRONMENTALLY SENSITIVE AREAS" SECTION	7 DAYS PRIOR TO INITIATING WORK
SPILL PREVENTION & RESPONSE PLAN	REFER TO "POLLUTION PREVENTION MANAGEMENT MEASURES"	7 DAY PRIOR TO INITIATING WORK
DEWATERING PLAN	REFER TO "DEWATERING" SECTION	7 DAYS PRIOR TO ACTIVITY
FLOOD CONTINGENCEY PLAN	REFER TO "ENVIRONMENTALLY SENSITIVE AREAS" SECTION	72 HOURS PRIOR TO ACTIVITY

5. THE SWPPP (ORIGINAL OR COPIES), ALL CHANGES TO THE SWPPP, PROJECT MANUAL, AND INSPECTIONS/MAINTENANCE RECORDS MUST BE KEPT AT THE SITE DURING CONSTRUCTION BY THE OPERATOR WHO HAS OPERATIONAL CONTROL OF THAT PORTION OF THE SITE. THE SWPPP CAN BE KEPT IN THE FIELD OFFICE OR ON SITE VEHICLE DURING NORMAL WORKING HOURS. THE PERMITEES MUST KEEP AND MAKE AVAILABLE TO FEDERAL, STATE, AND LOCAL OFFICIALS WITHIN THREE DAYS THE SWPPP, OTHER STORMWATER RELATED PERMITS, RECORDS OF ALL INSPECTION/MAINTENANCE, ALL PERMANENT OPERATIONS AND MAINTENANCE AGREEMENTS, ALL REQUIRED CALCULATIONS FOR DESIGN OF THE TEMPORARY AND PERMANENT STORMWATER MANAGEMENT SYSTEMS AND OTHER INFORMATION REQUIRED BY THE GENERAL PERMIT FOR THREE YEARS FOLLOWING THE NOTICE OF TERMINATION.
6. THE OPERATOR MUST ASSIGN A TRAINED INDIVIDUAL(S) (PURSUANT TO SECTION 21) TO OVERSEE THE IMPLEMENTATION, MAINTENANCE, AND REPAIR OF BMPs. THIS INDIVIDUAL(S) SHALL ALSO PERFORM INSPECTIONS, REVISE/AMEND THE SWPPP (DOCUMENT IN SWPPP AS NECESSARY), AND BE AVAILABLE FOR AN ONSITE INSPECTION WITHIN 72 HOURS UPON REQUEST BY THE PERMITTED OWNER (OR ITS DESIGNEE), LOCAL GOVERNMENT UNITS, OR MPCA. MNDOT LEAD PROJECTS REQUIRE AVAILABLE ONSITE INSPECTION WITHIN 24 HOURS.

**POLLUTION PREVENTION MANAGEMENT MEASURES**

POTENTIAL SOURCES OF POLLUTANTS FROM CONSTRUCTION ACTIVITIES INCLUDE:

- SEDIMENT AND FUGITIVE DUST GENERATED FROM CLEARING AND GRUBBING, IMPORT/EXPORT OPERATIONS, REMOVALS/COMPACTION, MASS/FINE GRADING, EXCAVATIONS, TRENCHING, TOPSOIL STRIPING STOCKPILING, WET/DRY PAVEMENT CUTTING, STREET CONSTRUCTION.
- BASIC/ACIDIC PH LEVELS FROM CURB AND GUTTER, MANHOLE STRUCTURES, SIDEWALKS, DRIVEWAY APRONS, FOUNDATIONS, BRIDGE ABUTMENTS, WET/DRY PAVEMENT CUTTING, MASONRY WASHOUT/CLEANOUT.
- EXCESS NUTRIENTS FROM LANDSCAPING INSTALLATIONS, SOIL ADDITIVES, FERTILIZATION, MULCHING
- HYDROCARBONS FROM STREET CONSTRUCTION, DEMOLITION/REMOVALS, WET/DRY PAVEMENT CUTTING

OPERATOR WILL COMPLY WITH ALL OF THE POLLUTION PREVENTION AND MANAGEMENT MEASURES IDENTIFIED IN THE NPDES-CSW PERMIT. OPERATOR WILL SUBMIT A SPILL PREVENTION AND RESPONSE PLAN (SPRP) TO THE ENGINEER PRIOR TO ANY CONSTRUCTION ACTIVITY. THE SPRP MUST SATISFACTORILY ADDRESS (AT A MINIMUM) THE FOLLOWING NPDES REQUIREMENTS BY THE PROPOSED IMPLEMENTATION AND MAINTENANCE OF APPROPRIATE BMPs:

**NO-EXPOSURE:** CONSTRUCTION AND BUILDING PRODUCTS (THAT HAVE THE POTENTIAL TO LEACH POLLUTANTS), PESTICIDES, HERBICIDES, INSECTICIDES, FERTILIZERS, TREATMENT CHEMICALS, AND LANDSCAPING MATERIALS MUST BE UNDER COVER (PLASTIC SHEETING OR TEMPORARY ROOFS) TO MINIMIZE CONTACT WITH STORMWATER AND PRECIPITATION.

**SOLID WASTE:** (SEDIMENT, ASPHALT, CONCRETE MILLINGS, CONSTRUCTION, AND DEMOLITION DEBRIS) AND OTHER WASTES MUST BE DISPOSED OF PROPERLY AND SHALL COMPLY WITH MPCA DISPOSAL REQUIREMENTS (CH. 7035).

**HAZARDOUS MATERIALS:** (E.G. GAS, DIESEL, OIL, ANTIFREEZE, PAINT SOLVENTS, SOAPS, DETERGENTS, WOOD PRESERVATIVES, CLEANING SOLVENTS, CURING COMPOUNDS, ACIDS, ETC.) MUST BE STORED IN SEALED CONTAINERS. SECONDARY SPILL CONTAINMENT IS REQUIRED FOR ALL MATERIALS IF STORED ON-SITE FOR MORE THAN 24 CONSECUTIVE HOURS (DOUBLE WALLED TANKS ARE ACCEPTABLE FOR SECONDARY CONTAINMENT). STORAGE AND DISPOSAL OF HAZARDOUS WASTES AND MATERIALS MUST BE IN COMPLIANCE WITH MPCA REGULATIONS (CH. 7045).

**PORTABLE TOILETS:** MUST BE POSITIONED AND SECURED SO THEY ARE NOT TIPPED OR KNOCKED OVER. SANITARY WASTE MUST BE PROPERLY DISPOSED OF IN ACCORDANCE WITH MPCA REGULATIONS (CH. 7041).

**SPILLED OR LEAKED CHEMICALS:** REASONABLE STEPS TO PREVENT THE DISCHARGE OF SPILLED OR LEAKED CHEMICALS, INCLUDING FUEL, FROM ANY AREA WHERE CHEMICAL OR FUEL WILL BE LOADED OR UNLOADED. PROCEDURES FOR SPILL RESPONSE AND MATERIALS FOR CONTAINMENT, CLEANUP (DRIP PANS, ABSORBENTS, AND SPILL KITS) AND APPROPRIATE DISPOSAL SHALL BE AVAILABLE AT ALL TIMES ON-SITE. PERMITEES MUST REPORT AND CLEAN UP SPILLS IMMEDIATELY AS REQUIRED BY MINNESOTA STATUTE 115.061.

**EQUIPMENT/VEHICLE WASHING:** WHEN VEHICLE/EQUIPMENT WASHING MUST OCCUR ON-SITE, THE ACTIVITY IS LIMITED TO A CONTAINED PORTION OF THE STAGING AREA, UNLESS INFEASIBLE THROUGH A SWPPP AMENDMENT. SOAPS, DETERGENTS, AND SOLVENTS ARE TO BE USED AND STORED PROPERLY. RUNOFF MUST BE CONTAINED FROM THE WASHING AREAS AND DISPOSED OF PROPERLY.

**CONCRETE, STUCCO, PAINT, CURING COMPOUNDS, SOLVENTS, AND OTHER WASHOUT WASTES:** TEMPORARY OR LONG-TERM STORAGE OF WASHOUT WASTE IS PROHIBITED ON-SITE (SLURRY MUST BE HAULED IMMEDIATELY OFF-SITE). OPERATOR MUST SUBMIT A CONCRETE WASHOUT PLAN TO THE PROJECT ENGINEER FOR APPROVAL OF ALL ON-SITE WASHOUT LOCATIONS. ON-SITE WASHOUT LOCATIONS MUST BE LOCATED 200 FEET FROM AN ENVIRONMENTALLY SENSITIVE AREA AND SURFACE WATERS, HAVE "CONCRETE WASHOUT AREA" SIGNAGE, AND BE CONTAINED IN A LEAK PROOF CONTAINER OR IMPERMEABLE LINER. LIQUID AND SOLID WASTES SHOULD NOT CONTACT THE GROUND (UNLESS PERMITTED IN THE CONCRETE WASHOUT PLAN), BE CONTAINED TO PREVENT RUNOFF FROM THE WASHOUT LOCATION, AND MUST BE DISPOSED OF PROPERLY AND IN COMPLIANCE WITH MPCA REGULATIONS.

**BURNING:** BURNING OF GARBAGE, CONSTRUCTION DEBRIS, TREES, BRUSH, OR OTHER VEGETATIVE MATERIAL IS NOT ALLOWED ON SITE, UNLESS PRIOR APPROVAL IS GRANTED BY THE OWNER.

**CONSTRUCTION ACTIVITY REQUIREMENTS: EROSION PREVENTION PRACTICES, PROCEDURES, & MAINTENANCE STANDARDS**

THE OPERATOR IS RESPONSIBLE FOR THE INSTALLATION, OPERATION, AND CONTINUED MAINTENANCE OF ALL TEMPORARY AND PERMANENT WATER QUALITY MANAGEMENT BMPs, AS WELL AS ALL EROSION PREVENTION AND SEDIMENT CONTROL BMPs, FOR THE DURATION OF THE CONSTRUCTION WORK AT THE SITE, UNTIL FINAL STABILIZATION IS ACHIEVED. ALL BMPs MUST BE ADEQUATELY LOCATED, DESIGNED, INSTALLED, AND MAINTAINED TO PREVENT EROSION FROM A MINIMUM 0.5 INCH TOTAL RAINFALL EVENT WITHIN 24 HOURS.

ALL NONFUNCTIONAL BMPs MUST BE REPAIRED, REPLACED, OR SUPPLEMENTED WITH FUNCTIONAL BMPs BY THE END OF THE NEXT BUSINESS DAY AFTER DISCOVERY, OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS UNLESS ANOTHER TIME FRAME IS SPECIFIED IN THE SWPPP. ALL ERODED MATERIAL THAT LEAVES THE SITE SHALL BE COLLECTED BY THE OPERATOR AND RETURNED TO THE SITE AT THE OPERATOR'S EXPENSE AND INCIDENTAL TO THE PROJECT COST.

TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED AS SOON AS POSSIBLE, BUT NO LATER THAN THE END OF THE NEXT WORK DAY FOLLOWING THE DAY EARTH-DISTURBING ACTIVITIES IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. ALL EXPOSED SOIL AREAS SHALL BE STABILIZED WITHIN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. INITIATED STABILIZATION IS DEFINED AS COMPLETING ONE (OR MORE) OF THE FOLLOWING: SOIL PREPARATION FOR VEGETATION, MULCHING (OR OTHER TEMPORARY NON-VEGETATIVE BMP), SEEDING/PLANTING, OR SCHEDULING STABILIZATION MEASURES TO BE FULLY INSTALLED AND COMPLETED WITHIN THE 14 DAY TIMEFRAME.

ALL EXPOSED SOILS WITHIN 200 FEET AND DRAINING TO A DNR PUBLIC WATERS MUST BE STABILIZED WITHIN 24 HOURS OF TEMPORARILY OR PERMANENTLY CEASING WORK, DURING THE FISH SPAWNING PERIOD.

TEMPORARY STABILIZATION BMPs SHALL ONLY BE IMPLEMENTED WHEN PERMANENT STABILIZATION BMPs CANNOT BE IMPLEMENTED WITHIN THE 14 DAY TIMEFRAME FOR EXPOSED SOILS.

**TEMPORARY/PERMANENT DRAINAGE DITCHES & SWALES:** THE NORMAL WETTED PERIMETER (2-YEAR, 24-HOUR PRECIPITATION EVENT) OF ANY TEMPORARY OR PERMANENT DRAINAGE DITCH, CHANNEL, OR SWALE THAT DRAINS WATER FROM ANY PORTION OF THE CONSTRUCTION SITE, OR DIVERTS WATER AROUND THE SITE, MUST BE STABILIZED WITHIN THE LAST 200 LINEAL FEET FROM THE PROPERTY EDGE, OR FROM THE POINT OF DISCHARGE INTO ANY SURFACE WATER WITHIN 24 HOURS OF CONNECTION. STABILIZATION REMAINING OF THE REMAINING PORTIONS OF THE CHANNEL MUST BE STABILIZED WITHIN 14 DAYS. ALL STORMWATER CONVEYANCE CHANNELS MUST USE EROSION CONTROL AND VELOCITY DISSIPATION DEVICES WITHIN AND ALONGS THE LENGTH OF THE CHANNEL AND AT ANY OUTLETS. TEMPORARY OR PERMANENT DITCHES OR SWALES THAT ARE BEING USED AS A TEMPORARY SEDIMENT CONTAINMENT SYSTEM (WITH PROPERLY DESIGNED ROCK DITCH CHECKS, BIO ROLLS, SILT DIKES ETC.) DO NOT NEED TO BE STABILIZED. THESE AREAS HOWEVER MUST BE STABILIZED WITHIN 24 HOURS AFTER NO LONGER BEING USED AS A SEDIMENT CONTAINMENT SYSTEM. MULCH, HYDROMULCH, TACKIFIER, OR POLYACRYLAMIDE BELOW THE WETTED PERIMETER OF A DITCH, SWALE, OR OTHER SURFACE WATER CONVEYANCE IS NOT ACCEPTABLE STABILIZATION.

**EROSION CONTROL BLANKETS/MATS:** OPERATOR SHALL VERIFY DURING REGULAR INSPECTIONS THAT NO GULLIES, RILLS, OR SCOUR HOLES HAVE FORMED UNDER EROSION CONTROL BLANKETS AND MATS. ALL REPAIRS MUST BE COMPLETED WITHIN 24 HOURS OF DISCOVERY, OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS.

**MULCH:** OPERATOR MUST APPLY MULCH IN A UNIFORM PATTERN OVER THE DISTURBED SOILS, TO ACHIEVE A MINIMUM OF 90% GROUND COVER.

**DUST CONTROL:** DUST FROM THE SITE WILL BE CONTROLLED BY INCREASED STREET SWEEPING AND/OR USING A MOBILE PRESSURE-TYPE DISTRIBUTOR TRUCK TO APPLY POTABLE WATER TO DISTURBED AREAS. THE MOBILE UNIT WILL APPLY WATER AT A RATE NECESSARY TO PREVENT RUNOFF AND PONDING.

**STORM SEWER OUTLETS:** PIPE OUTLETS MUST HAVE TEMPORARY OR PERMANENT ENERGY DISSIPATION WITHIN 24 HOURS AFTER HYDRAULIC CONNECTION TO A RECEIVING SURFACE WATER.

**TEMPORARY & PERMANENT EROSION PREVENTION BMPs**

**TYPE 1 MULCH:** APPLY TO DISTURBED SLOPES LESS THAN 1:3 WITH BLOWER EQUIPMENT OR CONCURRENTLY WITH HYDROMULCH AT 2 TONS/ACRE. IMMEDIATELY OVERSPRAY (IF NOT HYDROMULCHED) WITH TACKIFIER (PER MANUFACTURES' RECOMMENDED RATES) OR DISC-ANCHORED.

**RAPID STABILIZATION METHOD #3:** THIS WORK SHALL CONSIST OF OPERATIONS NECESSARY TO RAPIDLY STABILIZE SMALL CRITICAL AREAS WITHIN 200FT OF SURFACE WATERS, TO PREVENT OFF SITE SEDIMENTATION AND OR TO COMPLY WITH PERMIT REQUIREMENTS. INSTALL PER MNDOT SPECIFICATIONS 2575.3N.

**RAPID STABILIZATION METHOD #4** (WOOD FIBER, NATURAL NET ONLY) IS AN ACCEPTABLE BMP FOR DISTURBED AREAS ADJACENT TO ENVIRONMENTALLY SENSITIVE AREAS, SURFACE WATERS, AND WITHIN THE LAST 200 FEET OF DITCH BOTTOMS.

**TEMPORARY WINTER COVER:** AREAS OF EXPOSED SOILS THAT ARE NOT COMPLETED BEFORE THE WINTER WILL BE STABILIZED WITH TYPE #3 (CERTIFIED AS WEED FREE) ADJACENT TO WETLAND OR STORMWATER PONDS. ALL OTHER DISTURBED AREAS SHALL BE STABILIZED WITH TYPE #1 MULCH, UNLESS ALTERNATIVE MORE PROTECTIVE BMPs ARE SPECIFIC WITHIN THE SWPPP. ALL EXPOSED SOILS SHALL BE STABILIZED BEFORE CONSTRUCTION IS COMPLETED FOR THE SEASON.

**HYDRO-MULCH TYPE #5:** HYDRAULIC SOIL STABILIZER IN COMBINATION WITH A TACKIFIER WILL BE INSTALLED PER MANUFACTURES SPECIFICATIONS TO EXPOSED SOILS AREAS TO PROVIDE TEMPORARY LONG-TERM OR PERMANENT COVER FOR VEGETATION ESTABLISHMENT.

**CONSTRUCTION ACTIVITY REQUIREMENTS: SEDIMENT CONTROL PRACTICES, PROCEDURES, & MAINTENANCE STANDARDS**

**DOWNGRADIANT SYSTEMS:** IF THE DOWNGRADIANT TREATMENT SYSTEM IS OVERLOADED, ADDITIONAL UP GRADIANT SEDIMENT CONTROL PRACTICES OR REDUNDANT BMPs MUST BE INSTALLED TO ELIMINATE THE OVERLOADING, AND THE SWPPP MUST BE AMENDED TO IDENTIFY THESE ADDITIONAL PRACTICES.

**PERIMETER CONTROL BMPs (SILT FENCES, CHIP/SLASH MULCH SACKS, BIOROLLS, FLOATING SILT CURTAIN, ETC.):** PERIMETER CONTROL BMPs SHALL BE INSTALLED ON ALL DOWNGRADIANT PERIMETERS AND UPGRADEMENT OF ANY BUFFER AREAS, PRIOR TO INITIATING UPGRADEMENT LAND DISTURBANCE ACTIVITIES. UPLAND PERIMETER CONTROLS BMPs SHALL BE PLACED AS CLOSE AS POSSIBLE TO FOLLOW A SINGLE CONTOUR ELEVATION. ALL PERIMETER CONTROL DEVICES MUST BE REPAIRED, REPLACED, OR MAINTAINED WHEN THEY BECOME NONFUNCTIONAL OR THE SEDIMENT REACHES 1/2 OF THE HEIGHT OF THE DEVICE. FLOATING SILT CURTAIN SHALL BE INSTALLED AS CLOSE TO THE SHORELINE AS POSSIBLE FOR SHORELAND-IN-WATER SHORT-TERM CONSTRUCTION ACTIVITIES. IMMEDIATELY AFTER THE SHORT-TERM ACTIVITY IN THAT AREA IS COMPLETE, AN UPLAND PERIMETER CONTROL MUST BE INSTALLED IF EXPOSED SOILS CONTINUE TO DRAIN TO THE SURFACE WATER.

**50 FOOT NATURAL BUFFER(S):** REFER TO "CONSTRUCTION PHASING/STAGING, BUFFERS, & AREAS NOT TO BE DISTURBED" SECTION OF THIS SWPPP.

**TEMPORARY SEDIMENTATION BASINS:** WHERE TEN (10) OR MORE ACRES OF DISTURBED SOIL DRAIN TO A COMMON LOCATION, A TEMPORARY SEDIMENT BASIN MUST BE PROVIDED PRIOR TO RUNOFF LEAVING THE CONSTRUCTION SITE OR ENTERING SURFACE WATERS. ALL TEMPORARY BASINS SHALL BE CONSTRUCTED AND OPERATIONAL PRIOR TO GRADING TEN (10) OR MORE ACRES. BASINS MUST PROVIDE A LIVE STORAGE VOLUME FROM A TWO YEAR 24-HOUR STORM EVENT FROM EACH ACRE (DISTURBED AND UNDISTURBED) DRAINING TO THE BASIN OR 1,800 CUBIC FEET OF LIVE STORAGE PER ACRE DRAINED, WHICHEVER IS GREATER. AT A MINIMUM, IF CALCULATIONS ARE NOT PERFORMED THE BASIN SHALL PROVIDE 3,600 CUBIC FEET OF LIVE STORAGE FROM EACH ACRE. THE BASIN INTAKE MUST BE DESIGNED TO WITHDRAW WATER FROM THE SURFACE, PREVENT SHORT CIRCUITING AND THE DISCHARGE OF FLOATING DEBRIS, INCLUDE AN EMERGENCY OVERFLOW ABOVE THE LIVE STORAGE ELEVATION, AND PROVIDE ENERGY DISSIPATION AT THE BASIN OUTLET. BASINS MUST BE DRAINED AND SEDIMENT REMOVED WHEN THE DEPTH OF COLLECTED SEDIMENT IN THE BASIN REACHES 1/2 THE LIVE STORAGE VOLUME. IF A BASIN IS INFEASIBLE WITHIN THE PROJECT LIMITS, EQUIVALENT SEDIMENT CONTROL BMPs MUST BE IMPLEMENTED AND DOCUMENTED IN THE SWPPP OR SWPPP AMENDMENT.

**TEMPORARY STOCKPILES:** ALL STOCKPILES MUST HAVE SILT FENCE OR EQUIVALENT PERIMETER SEDIMENT CONTROLS IMPLEMENTED AND MAINTAINED AT ALL TIMES. PILES CANNOT BE PLACED IN BUFFER AREAS OR SURFACE WATERS, INCLUDING STORMWATER CONVEYANCES SUCH AS CURB AND GUTTER SYSTEMS, OR CONDUITS AND DITCHES UNLESS THERE IS A BYPASS IN PLACE TO PREVENT STORMWATER RUN-ON INTO THE STOCKPILE. STABILIZATION ON TEMPORARY STOCKPILES WITHOUT SIGNIFICANT SILT, CLAY OR ORGANIC COMPONENTS IS NOT REQUIRED.

**CONSTRUCTION SITE ENTRANCE/VEHICLE TRACKING:** OPERATOR MUST MINIMIZE SEDIMENT FROM LEAVING THE CONSTRUCTION SITE (OR ONTO STREETS WITHIN THE SITE) BY IMPLEMENTING BMPs SUCH AS ROCK PADS, SLASH MULCH, CONCRETE OR STEEL WASH RACKS, OR EQUIVALENT SYSTEMS. STREET SWEEPING MUST BE USED DAILY DURING CONSTRUCTION OPERATIONS IF SUCH BMPs ARE NOT ADEQUATE TO PREVENT BEING TRACKED ONTO THE STREET. TRACKED SEDIMENT MUST BE REMOVED FROM ALL PAVED SURFACES (ON AND OFF-SITE) WITHIN 24 HOURS OF DISCOVERY, OR SOONER AS DIRECTED BY THE PROJECT OWNER. MULTIPLE STREET SWEEPINGS AT THE OPERATOR'S EXPENSE MAY BE REQUIRED ON ALL ENTRY/EXIT POINTS TO THE SITE AT THE DISCRETION OF THE PROJECT OWNER.

**SURFACE WATERS:** INCLUDING OFF-SITE AND DOWNSTREAM DRAINAGE DITCHES, CATCH BASINS, AND CONVEYANCE SYSTEMS, MUST BE INSPECTED FOR EVIDENCE OF EROSION AND SEDIMENT DEPOSITION. THE REMOVAL AND STABILIZATION OF EXPOSED SOILS MUST TAKE PLACE WITHIN SEVEN (7) DAYS OF DISCOVERY UNLESS PRECLUDED BY LEGAL, REGULATORY, OR PHYSICAL ACCESS CONSTRAINTS. IF PRECLUDED, REMOVAL AND STABILIZATION MUST TAKE PLACE WITHIN SEVEN (7) CALENDAR DAYS OF OBTAINING ACCESS. THE PERMITEES ARE RESPONSIBLE FOR CONTACTING ALL LOCAL, REGIONAL, STATE AND FEDERAL AGENCIES AND RECEIVING ANY APPLICABLE PERMITS, PRIOR TO CONDUCTING ANY WORK.

**INLET PROTECTION:** ALL STORM DRAIN INLETS (INCLUDING DOWNGRADIANT, OFF-SITE) MUST BE PROTECTED BY APPROPRIATE BMPs DURING CONSTRUCTION UNTIL ALL SOURCES WITH POTENTIAL FOR DISCHARGING TO THE INLET HAVE BEEN STABILIZED. SILT FENCE IS NOT AN ACCEPTABLE CATCH BASIN INLET PROTECTION BMP. CONTACTOR SHALL CLEAN, REMOVE AND DISPOSE OF SEDIMENT, AND/OR REPLACE STORM DRAIN INLET PROTECTION ON A ROUTINE BASIS TO ENSURE THE DEVICE IS FULLY FUNCTIONAL PRIOR TO THE NEXT FORECASTED PRECIPITATION EVENT (30% OR GREATER). INLET PROTECTION MAY BE REMOVED FOR A PARTICULAR INLET IF A SPECIFIC SAFETY CONCERN (STREET FLOODING/FREEZING) HAS BEEN IDENTIFIED BY THE PERMITEE(S) OR THE JURISDICTIONAL AUTHORITY (E.G. CITY/COUNTY/TOWNSHIP/MNDOT ENGINEER). WRITTEN CORRESPONDENCE REGARDING THE NEED FOR REMOVAL MUST BE DOCUMENTED IN THE SWPPP.

**CHEMICAL TREATMENTS:** OPERATOR MUST AMEND THE SWPPP TO INCLUDE THE INTENDED USES AND LOCATIONS OF FLOCCULANTS, POLYMERS, AND OTHER SEDIMENTATION TREATMENT CHEMICALS. CHEMICAL TREATMENTS MAY ONLY BE APPLIED IN AREAS WHERE TREATED STORMWATER IS DIRECTED TO A RECEIVING SEDIMENT CONTROL SYSTEM (NOT DIRECTLY DISCHARGED TO NATURAL WATER BODIES). THIS INCLUDES DOCUMENTING THE EXPECTED SOIL TYPES, MANUFACTURER'S RECOMMENDED DOSING, APPLICATION RATES/QUANTITIES, AND MONITORING RESULTS (TURBIDITY, PH).

**PERMIT TERMINATION CONDITIONS**

PERMIT TERMINATION CONDITIONS ARE ACHIEVED WHEN THE FOLLOWING FOUR PARAMETERS ARE COMPLETED, PRIOR TO SUBMISSION OF THE NOTICE OF TERMINATION TO MPCA.

1. **70% VEGETATIVE COVER:** ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND ALL EXPOSED SOILS ARE STABILIZED BY A UNIFORM, LIVE PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OVER THE ENTIRE PVIOUS SURFACE AREA, OR OTHER EQUIVALENT MEANS NECESSARY TO PREVENT SOIL FAILURE UNDER EROSION CONDITIONS. REFER TO PART 13.7 IF THE PROJECT IS ON AGRICULTURAL LAND. FOR RESIDENTIAL CONSTRUCTION ONLY, PLEASE REFER TO PART 13.6 OF THE NPDES PERMIT.
2. **FINAL CLEAN OUT OF PERMANENT STORMWATER MANAGEMENT SYSTEMS & CONVEYANCE SYSTEMS:** ALL ACCUMULATED SEDIMENT MUST BE REMOVED FROM PERMANENT STORMWATER MANAGEMENT SYSTEMS, CONVEYANCE SYSTEMS, AND DITCHES MUST BE STABILIZED WITH PERMANENT COVER. ALL SYSTEMS MUST OPERATE AS DESIGNED.
3. **REMOVAL OF ALL TEMPORARY SYNTHETIC BMPs:** ALL TEMPORARY SYNTHETIC AND STRUCTURAL EROSION PREVENTION AND SEDIMENT CONTROL BMPs (SUCH AS SILT FENCE) MUST BE REMOVED ON THE PORTIONS OF THE SITE FOR WHICH THE PERMITEE IS RESPONSIBLE. BMPs DESIGNED TO DECOMPOSE ON SITE (SUCH AS SOME COMPOST LOGS) MAY BE LEFT IN PLACE.
4. **OPERATOR PROVIDES THE OWNER ALL INSPECTION AND SWPPP AMENDMENT RECORDS FOR THE PROJECT.** OWNER IS RESPONSIBLE FOR KEEPING ALL RECORDS (AS DEFINED IN PART 24.5) ON FILE FOR THREE YEARS AFTER SUBMITTAL OF THE NOTICE OF TERMINATION.

THE CO-PERMITEES (OWNER AND OPERATOR) MUST SIGN AND SUBMIT THE COMPLETED NOT TO THE MPCA WITHIN 30 DAYS AFTER SELLING/LEGALLY TRANSFERRING THE PROPERTY OR FINAL STABILIZATION IS ACHIEVED. PERMITEE(S) MAY TERMINATE PERMIT COVERAGE PRIOR TO THE PROJECT COMPLETION IF THE CONDITIONS IN PART 4 OF THE NPDES-CSW PERMIT ARE MET.



Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
HdB	Hayden fine sandy loam, 2 to 6 percent slopes	2.0	79.0%
Wb	Webster loam	0.5	21.0%
Totals for Area of Interest		2.5	100.0%

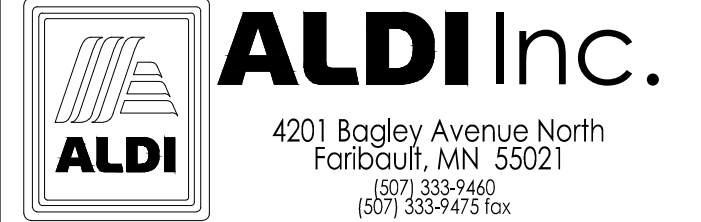
Issued:		Date:
A	CITY SUBMITTAL SET #1	02/07/25
B	CITY SUBMITTAL SET #2	03/25/25
C	ISSUED FOR BID	04/07/25
D	CITY SUBMITTAL 3	05/09/25
E	ISSUED FOR CONSTRUCTION	06/09/25
Revisions:		Date:
1		
2		
3		
4		
5		
6		
7		
8		
9		

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.

*Ryan Anderson*  
DATE: 03/26/2025 LIC. NO. 55938  
SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



**MANAGING LOCATION:**  
**BLOOMINGTON OFFICE**  
**7900 INTERNATIONAL DRIVE**  
**SUITE 550**  
**MINNEAPOLIS, MN 55425**  
**PHONE: 952.426.0699**

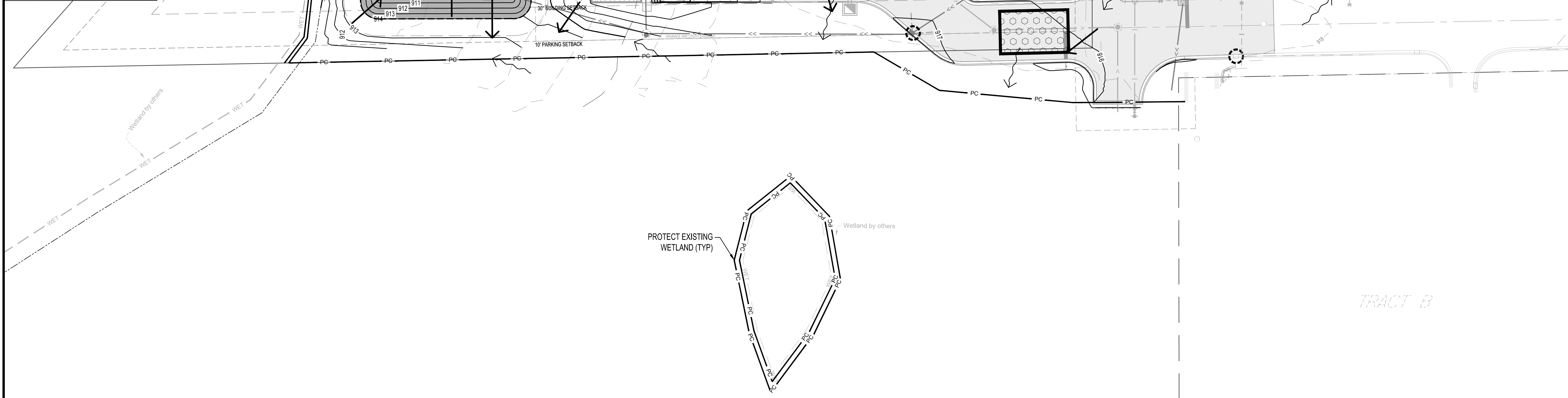
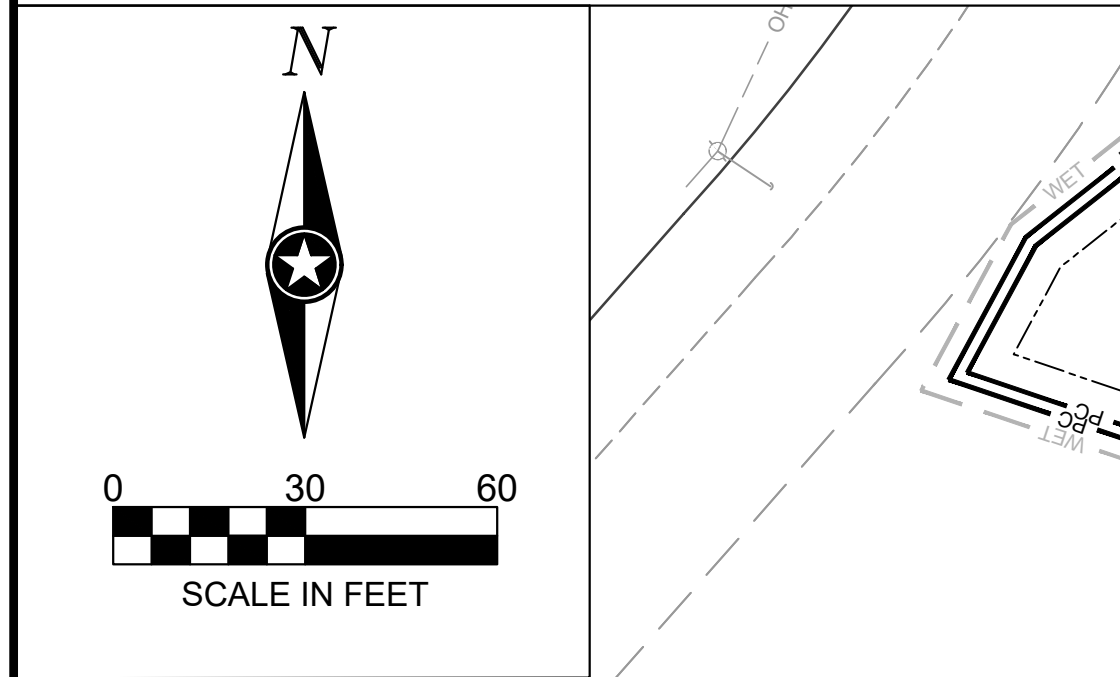


**ALDI Inc. Store #: 154**  
**LINO LAKES, MN**  
**7085 OTTER LAKE ROAD**  
**LINO LAKES, MN 55038**  
**ANOCA COUNTY**

Project Name & Location:

**SWPPP NOTES**

Drawing Name:	ISG Project No.
Type: V7.0 ER	29782
Drawn By: PSH	
Designed By: PSH	C-111
Reviewed By: JMF	Drawing No.



EROSION CONTROL QUANTITIES		
DESCRIPTION	UNITS	QUANTITY
EROSION CONTROL BLANKET, CATEGORY 20	SY	1863
PROPOSED STORM DRAIN INLET PROTECTION	EACH	12
STABILIZED CONSTRUCTION EXIT	EACH	2
PERIMETER CONTROL	LF	3325
CONCRETE WASHOUT AREA	EACH	1

QUANTITIES ARE FOR INFORMATIONAL PURPOSES TO MEET THE REQUIREMENTS OF THE CONSTRUCTION STORMWATER PERMIT. NO GUARANTEE IS MADE TO THE ACTUAL QUANTITIES REQUIRED.

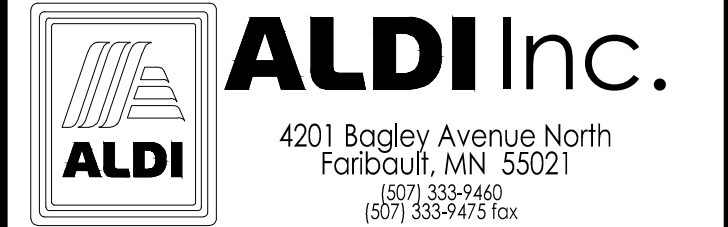
Issued:		Date:
A	CITY SUBMITTAL SET #1	02/07/25
B	CITY SUBMITTAL SET #2	03/25/25
C	ISSUED FOR BID	04/07/25
D	CITY SUBMITTAL 3	05/09/25
E	ISSUED FOR CONSTRUCTION	06/09/25
Revisions:		Date:
1		
2		
3		
4		
5		
6		
7		
8		
9		

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.

*Ryan Anderson*  
DATE 03/26/2025 LIC. NO. 55938  
SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



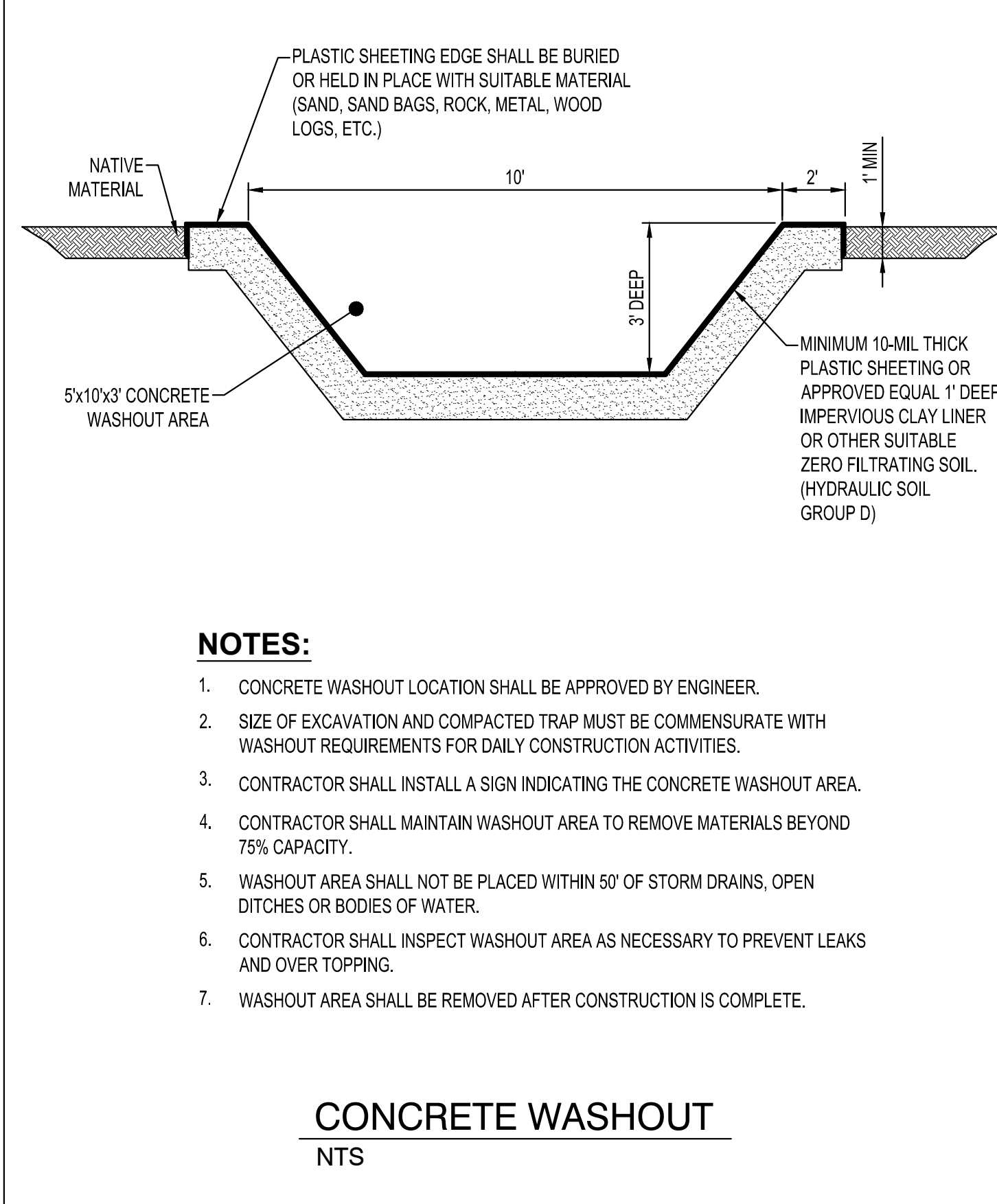
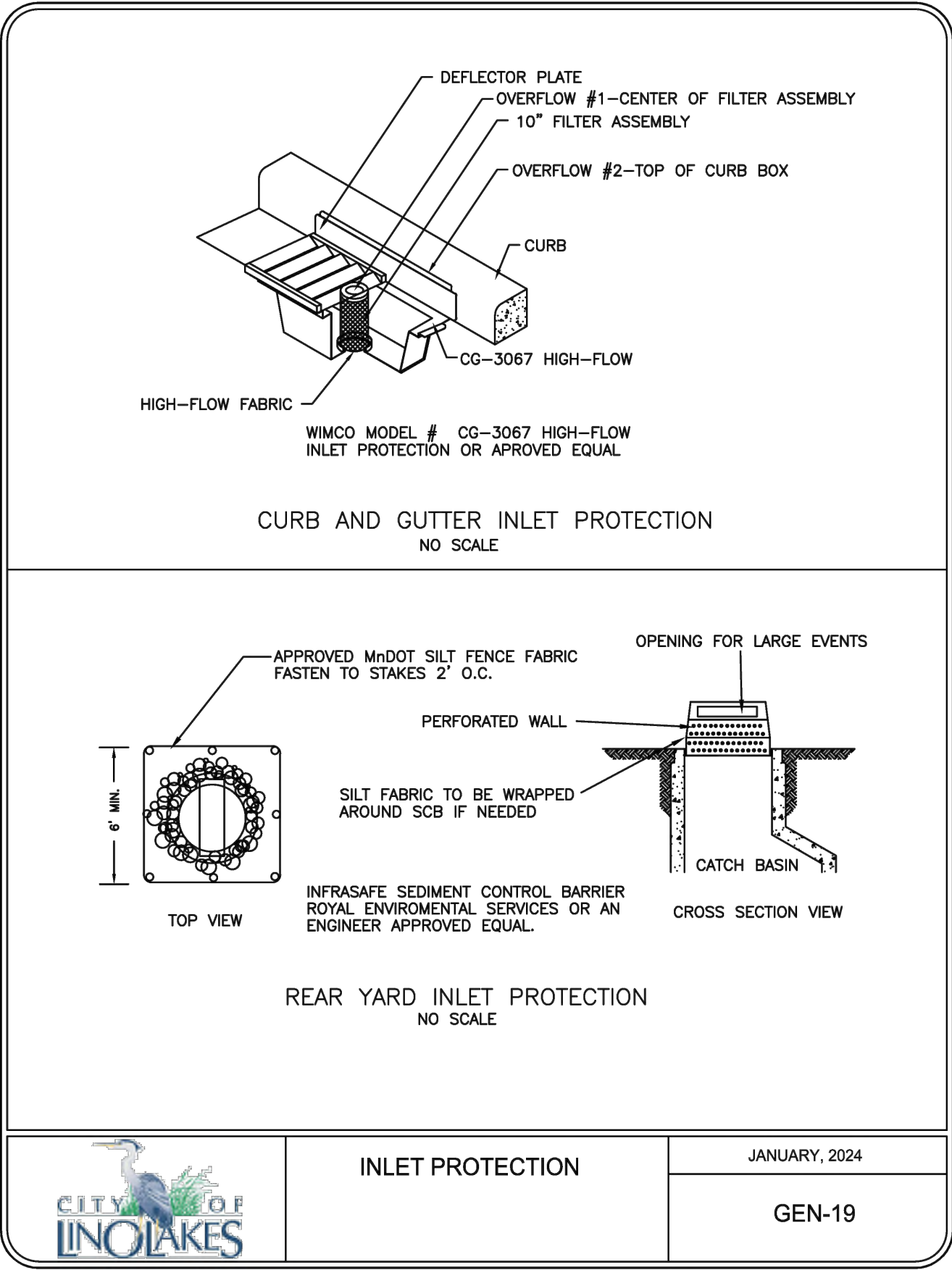
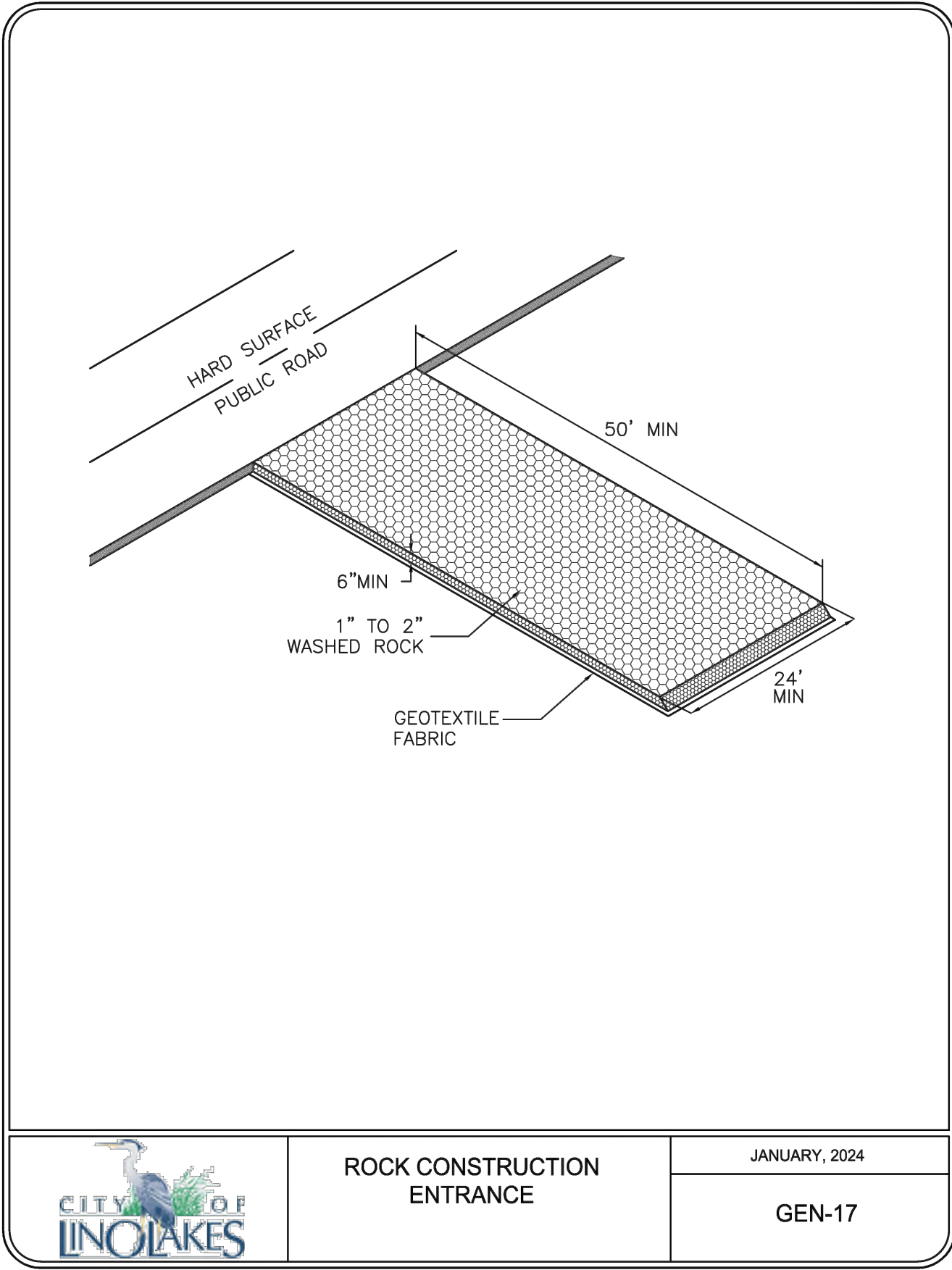
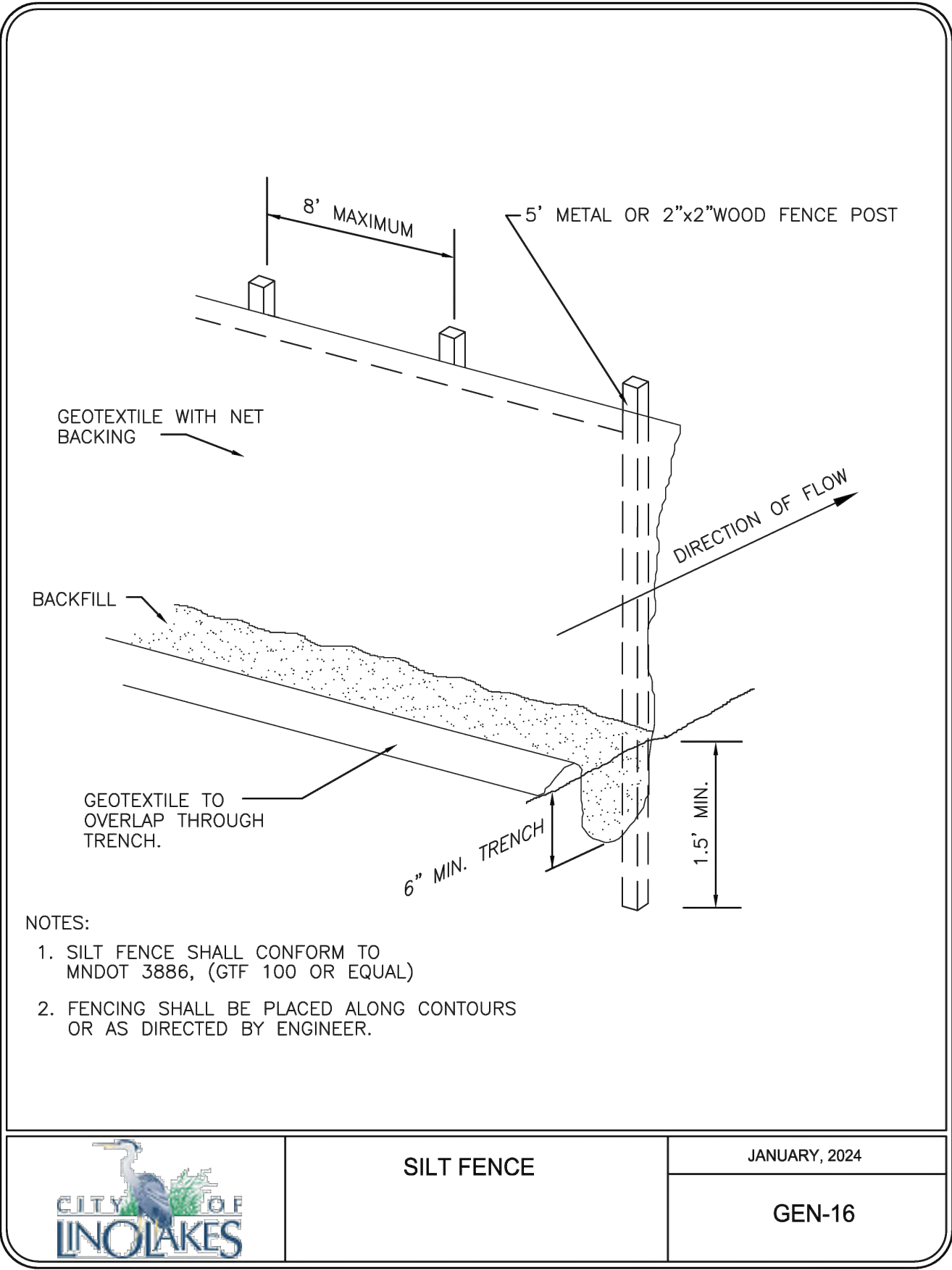
**MANAGING LOCATION:**  
**BLOOMINGTON OFFICE**  
**7900 INTERNATIONAL DRIVE**  
**SUITE 550**  
**MINNEAPOLIS, MN 55425**  
**PHONE: 952.426.0699**



ALDI Inc. Store #: 154  
LINO LAKES, MN  
7085 OTTER LAKE ROAD  
LINO LAKES, MN 55038  
ANOKA COUNTY  
Project Name & Location:

# SITE EROSION CONTROL PLAN

Drawing Name:		ISG Project No.  29782
Type:	V7.0 ER	
Drawn By:	PSH	C-120
Designed By:	PSH	
Reviewed By:	JMF	
		Drawing No.



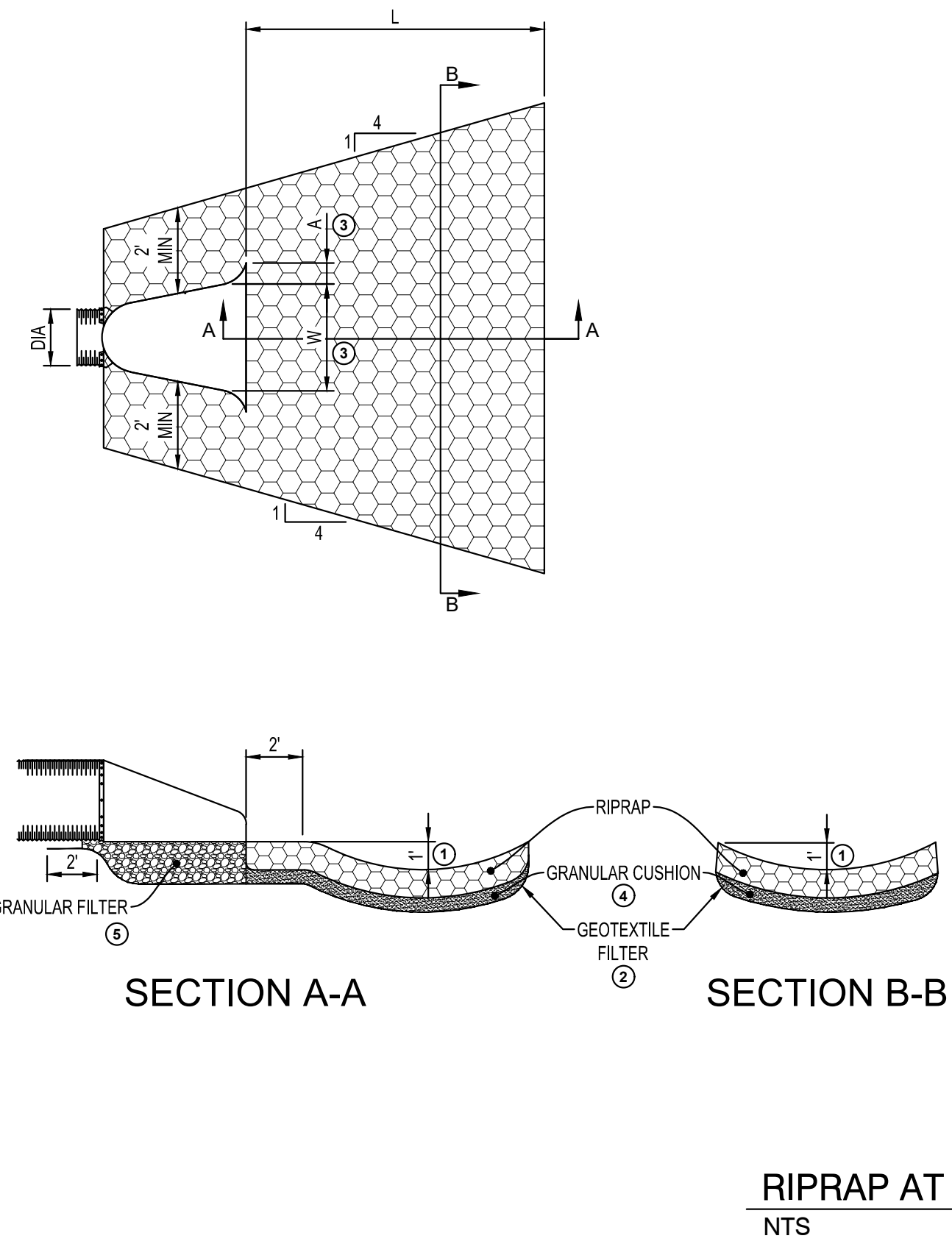
Issued:		Date:
A	CITY SUBMITTAL SET #1	02/07/25
B	CITY SUBMITTAL SET #2	03/25/25
C	ISSUED FOR BID	04/07/25
D	CITY SUBMITTAL 3	05/09/25
E	ISSUED FOR CONSTRUCTION	06/09/25
Revisions:		Date:
1		
2		
3		
4		
5		
6		
7		
8		
9		

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.

*Ryan Anderson*

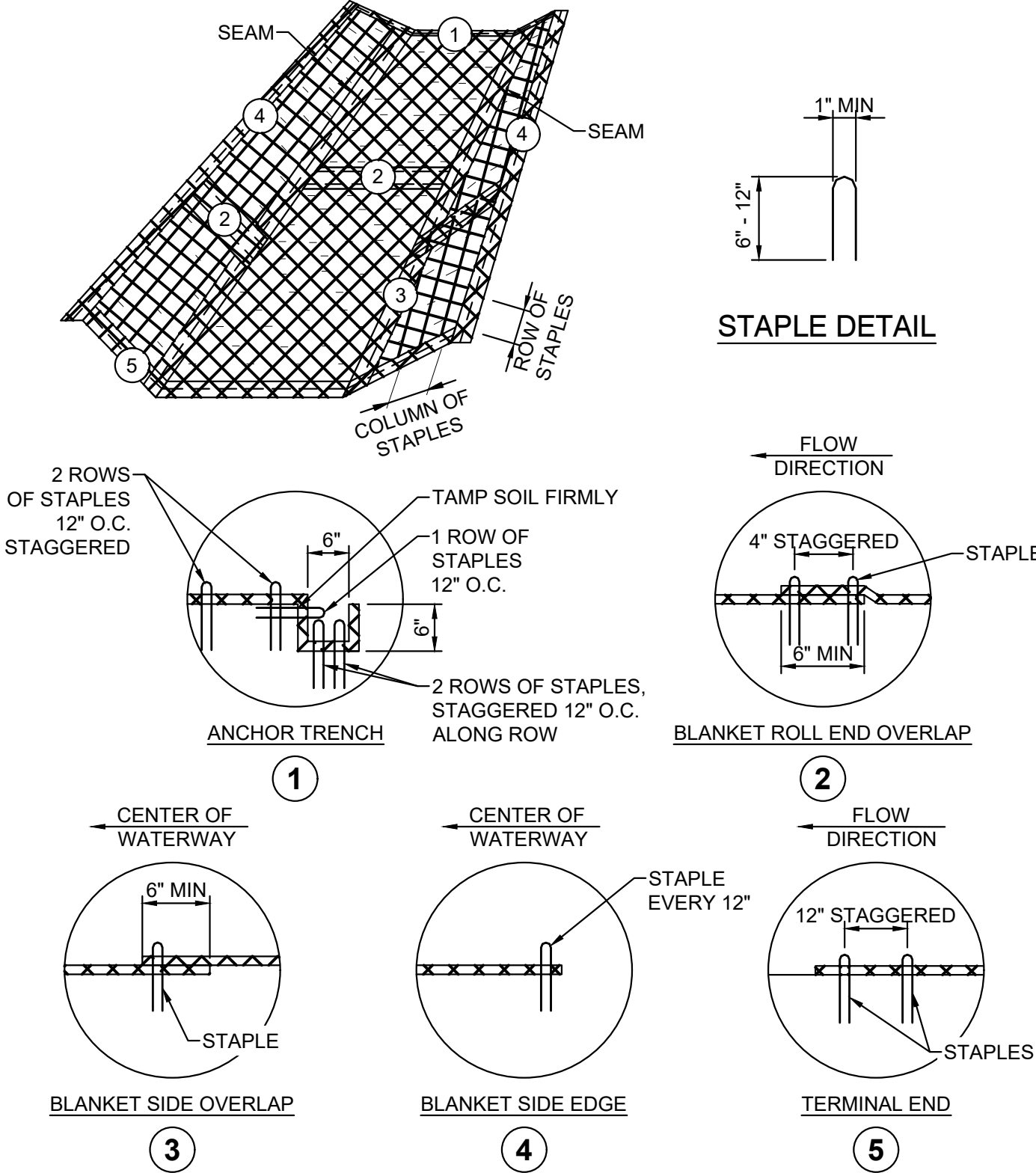
DATE: 03/26/2025 LIC. NO. 55938

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



DIMENSIONS			
PIPE Ø (INCHES)	L (FEET)	PIPE Ø (INCHES)	L (FEET)
12	8	27	12
15	8	30	14
18	10	36	16
21	10	42	18
24	12	48	20

- KEY NOTES:**
1. FOR PIPES GREATER THAN OR EQUAL TO 30", USE 1.5'
  2. GEOTEXTILE FILTER, MNDOT SPEC. 3733, SHALL COVER THE BOTTOM AND SIDES OF THE AREA EXCAVATED FOR THE RIPRAP, GRANULAR FILTER MATERIALS
  3. DIMENSIONS "W" & "A" ARE GIVEN ON MNDOT STANDARD PLATES 3122 AND 3123.
  4. GRANULAR FILTER, MNDOT SPEC. 3601, MAY BE USED AS A CUSHION LAYER. PLACE FILTER PER SPEC. 2511. THE CUSHION LAYER IS INCIDENTAL.
  5. GRANULAR FILTER OR RIPRAP, SPEC. 3601, TO EXTEND UNDER THE ENTIRE OPEN PORTION OF PIPE APRON. DEPTH OF MATERIAL UNDER APRON SHALL MATCH RIPRAP DEPTH. WHEN USING RIPRAP, INCREASE RIPRAP QUANTITY ACCORDINGLY AND PLACE A 3" LAYER OF 1.5" CRUSHED ROCK UNDER THE APRON TO AID IN GRADING FOR APRON PLACEMENT. CRUSHED ROCK IS INCIDENTAL.
- NOTES:**
1. REQUIREMENTS FOR GEOTEXTILE TYPE, RIPRAP SIZE AND THICKNESS WILL BE DESIGNATED IN THE PLANS.
  2. PIPE SIZES LARGER THAN THOSE SHOWN REQUIRE A SPECIAL DESIGN

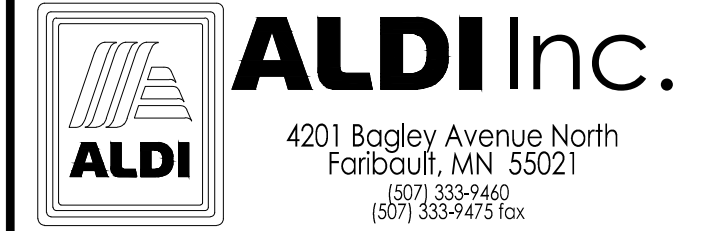


- KEY NOTES:**
1. BURY UPSTREAM END OF MAT IN A TRENCH 6" WIDE BY 6" DEEP AND STAPLED IN STAGGERED ROWS ACROSS THE WIDTH.
  2. FOR JOINING ENDS OF ROLLS, OVERLAP END OF UP SLOPE MAT A MINIMUM OF 6" OVER DOWN SLOPE MAT (SHINGLE STYLE). USE A DOUBLE ROW OF STAGGERED STAPLES 4" APART.
  3. MATS ON SIDE SLOPES SHALL OVERLAP A MINIMUM OF 6" OVER THE MAT BELOW (SHINGLE STYLE). STAPLE OVERLAP AT 12" INTERVALS.
  4. THE OUTER EDGE ALONG SIDES OF THE MAT SHALL BE STAPLED EVERY 12".
  5. DOWNSTREAM (TERMINAL) END OF BLANKET SHALL BE STAPLED WITH A DOUBLE ROW OF STAGGERED STAPLES 12" APART.

- NOTES:**
1. INSTALL EROSION CONTROL BLANKET (ECB) OVER WATERWAYS AS SHOWN IN THE STORM WATER POLLUTION PREVENTION PLAN.
  2. THE ECB SHALL CONFORM TO MNDOT STANDARD SPECIFICATIONS SECTION 3885.
  3. PREPARE SOIL PRIOR TO INSTALLING ECB, INCLUDING SEEDING AND FERTILIZING.
  4. THE ECB SHALL BE PLACED IN FIRM CONTACT WITH THE SOIL, AND NOT BE ALLOWED TO BRIDGE OVER SURFACE IRREGULARITIES. THE MAT SHALL NOT BE STRETCHED.
  5. START LAYING THE MATS BY ROLLING CENTER MAT IN THE DIRECTION OF FLOW, CENTERED ON THE CENTERLINE OF WATERWAY. THERE SHALL NOT BE AN OVERLAP OF MATS AT THE CENTER OF THE WATERWAY.
  6. THE ECB SHALL BE ANCHORED, OVERLAPPED, AND STAPLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS. IF NO MANUFACTURER'S INSTRUCTIONS ARE AVAILABLE, INSTALL THE MAT PER DETAIL.
  7. STAPLES SHALL BE "U" SHAPED, 0.12" DIAMETER WIRE OR GREATER (#11 GAUGE). (SEE STAPLE DETAIL FOR DIMENSIONS)
  8. STAPLES ARE TO BE PLACED ALTERNATELY IN COLUMNS (IN THE DIRECTION OF THE WATERWAY) 2' APART AND IN ROWS (ACROSS THE WATERWAY) 3' APART THROUGHOUT THE AREA COVERED BY THE ECB.



**MANAGING LOCATION:**  
**ROGERS OFFICE**  
**3100 MARKET STREET**  
**SUITE 106**  
**ROGERS, AR 72758**  
**PHONE: 479.974.1601**

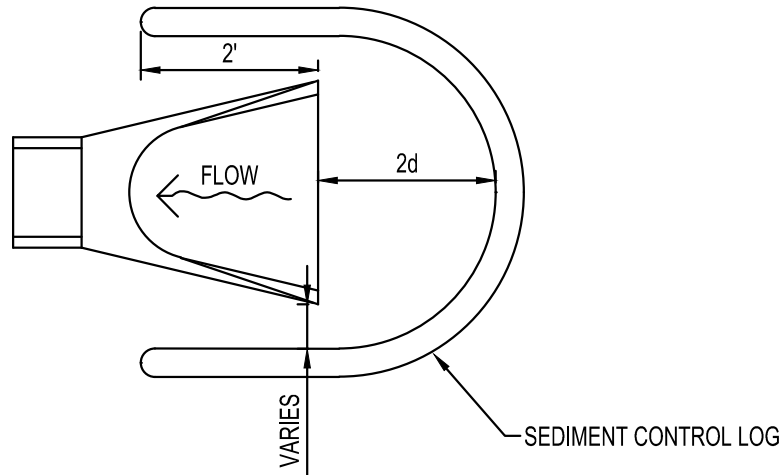


**ALDI Inc.** Store #: 154  
**LINO LAKES, MN**  
**7085 OTTER LAKE ROAD**  
**LINO LAKES, MN 55038**  
**ANOKA COUNTY**

Project Name & Location:

## SWPPP DETAILS

Drawing Name:	ISG Project No.
Type: V7.0 ER	29782
Drawn By: PSH	
Designed By: PSH	C-130
Reviewed By: JMF	Drawing No.



**NOTES:**

1. SEDIMENT CONTROL LOG CAN BE COMPOST, WOOD CHIP, OR ROCK
2. d = CULVERT SIZE: 12"-36"

**CULVERT END CONTROL  
SEDIMENT CONTROL LOG**  
NTS

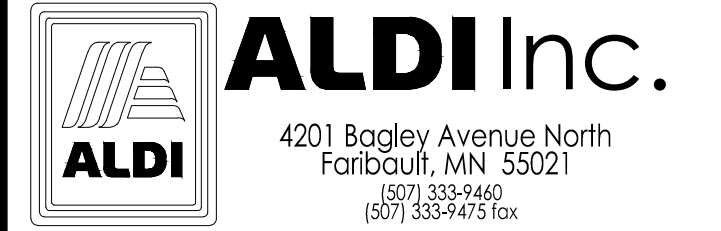
Issued:		Date:
A	CITY SUBMITTAL SET #1	02/07/25
B	CITY SUBMITTAL SET #2	03/25/25
C	ISSUED FOR BID	04/07/25
D	CITY SUBMITTAL 3	05/09/25
E	ISSUED FOR CONSTRUCTION	06/09/25
Revisions:		Date:
1		
2		
3		
4		
5		
6		
7		
8		
9		

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.

*Ryan Anderson*  
DATE: 03/26/2025 LIC. NO. 55938  
SHEET NOT VALID UNLESS THIS TEXT IS COLOR.

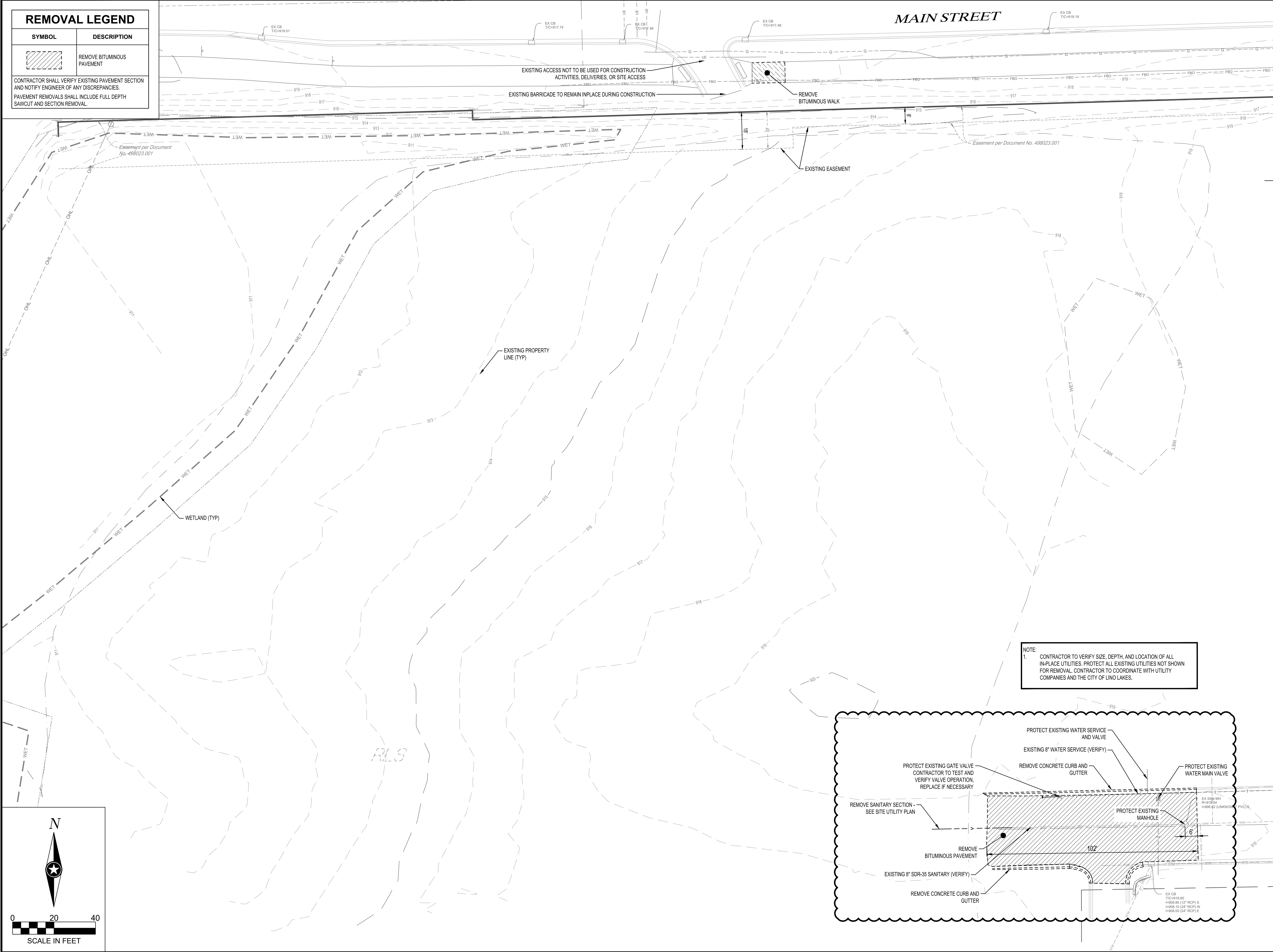


**MANAGING LOCATION:  
ROGERS OFFICE**  
3100 MARKET STREET  
SUITE 106  
ROGERS, AR 72758  
PHONE: 479.974.1601



ALDI Inc. Store #: 154  
LINO LAKES, MN  
7085 OTTER LAKE ROAD  
LINO LAKES, MN 55038  
ANOKA COUNTY  
Project Name & Location:

SWPPP DETAILS	
Drawing Name:	ISG Project No.
Type: V7.0 ER	29782
Drawn By: PSH	
Designed By: PSH	C-131
Reviewed By: JMF	Drawing No.



**REMOVAL LEGEND**

SYMBOL	DESCRIPTION
	REMOVE BITUMINOUS PAVEMENT

CONTRACTOR SHALL VERIFY EXISTING PAVEMENT SECTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES. PAVEMENT REMOVALS SHALL INCLUDE FULL DEPTH SAWCUT AND SECTION REMOVAL.

Issued:Date:

A	CITY SUBMITTAL SET #1	02/07/25
B	CITY SUBMITTAL SET #2	03/25/25
C	ISSUED FOR BID	04/07/25
D	CITY SUBMITTAL 3	05/09/25
E	ISSUED FOR CONSTRUCTION	06/09/25

Revisions:Date:

1	CCD-01	06/09/25
2		
3		
4		
5		
6		
7		
8		
9		

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.

Ryan Anderson

DATE: 03/26/2025LIC. NO. 55938

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.

MANAGING LOCATION:  
BLOOMINGTON OFFICE  
7900 INTERNATIONAL DRIVE  
SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699

ALDI Inc.  
4201 Bagley Avenue North  
Faribault, MN 55021  
(507) 333-7480  
(507) 333-9475 Fax

ALDI Inc. Store #: 154  
LINO LAKES, MN  
7085 OTTER LAKE ROAD  
LINO LAKES, MN 55038  
ANOKA COUNTY  
Project Name & Location:

EXISTING SITE AND  
REMOVAL PLAN

Drawing Name:

Type: v7.0 ER

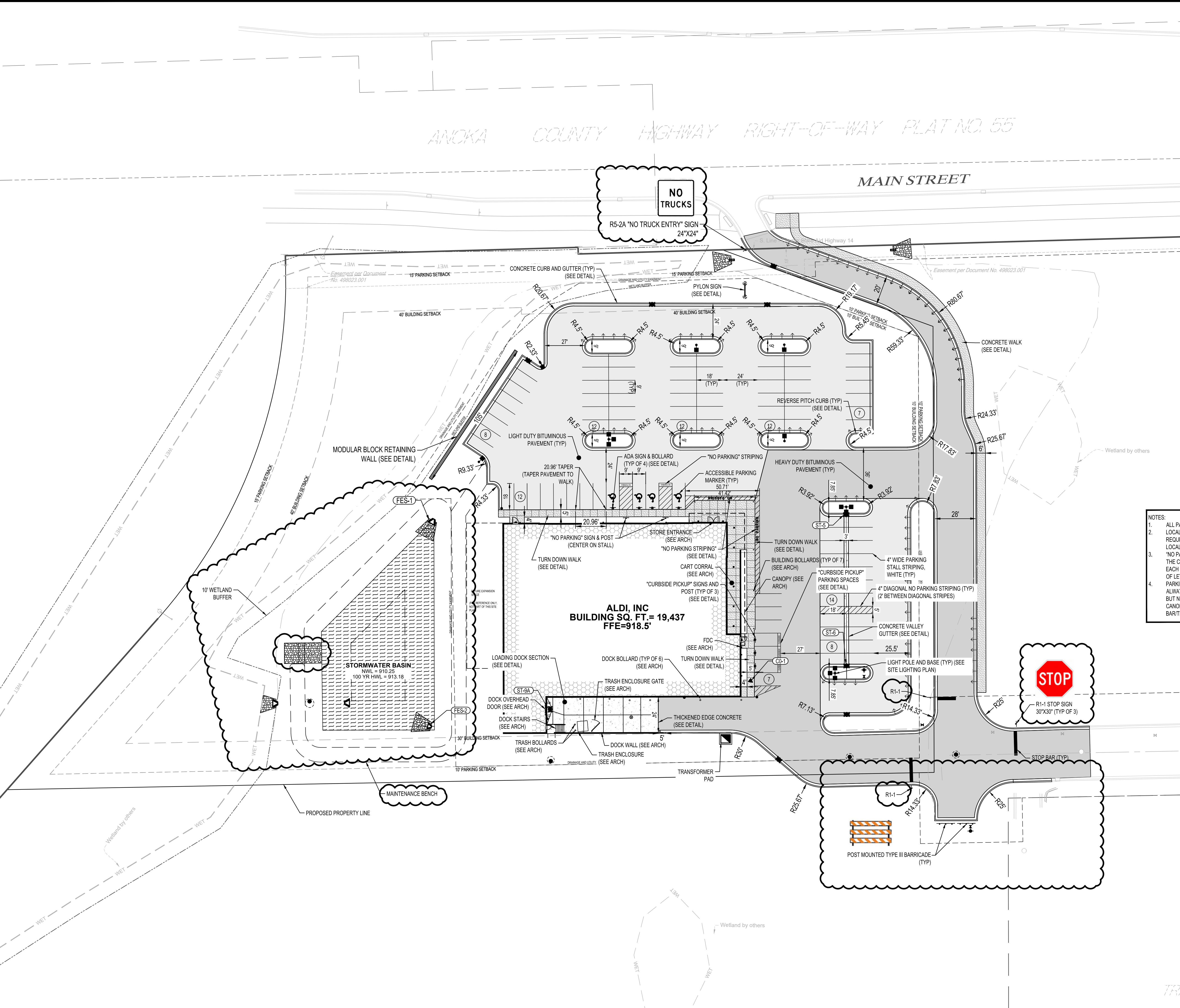
Drawn By: PSH

Designed By: PSH

Reviewed By: JMF

ISG Project No.  
29782  
C-210  
Drawing No.

NOTE:  
1. CONTRACTOR TO VERIFY SIZE, DEPTH, AND LOCATION OF ALL IN-PLACE UTILITIES. PROTECT ALL EXISTING UTILITIES NOT SHOWN FOR REMOVAL. CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES AND THE CITY OF LINO LAKES.



PAVEMENT LEGEND

SYMBOL	DESCRIPTION
	BITUMINOUS PAVEMENT
	HEAVY DUTY BITUMINOUS PAVEMENT
	CONCRETE PAVEMENT
	HEAVY DUTY CONCRETE PAVEMENT
	CONCRETE WALK
	REVERSE PITCH CONCRETE CURB AND GUTTER

NOTE: ALL PARKING LOT STRIPING AND MARKINGS TO BE PLACED AS SHOWN

03/26/2025

55938

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.

ISG

MANAGING LOCATION:  
BLOOMINGTON OFFICE

7900 INTERNATIONAL DRIVE  
SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699

ALDI Inc.

4201 Bagley Avenue North  
Faribault, MN 55021  
(507) 333-9460  
(507) 333-9475 Fax

ALDI Inc. Store #: 154

LINO LAKES, MN

7085 OTTER LAKE ROAD

LINO LAKES, MN 55038

ANOKA COUNTY

Project Name & Location:

SITE PLAN

Drawing Name:

Type: V7.0 ER

Drawn By: PSH

Designed By: PSH

Reviewed By: JMF

ISG Project No.

29782

C-310

Drawing No.

STORM DRAIN STRUCTURE SCHEDULE								
STRUCTURE NO.	STRUCTURE TYPE	STRUCTURE SIZE (IN)	STRUCTURE MATERIAL	CASTING	STRUCTURE HEIGHT (LN FT)	* TOP OF CASTING ELEVATION	OUTLET INVERT	OUTLET PIPE
ST-1	CATCH BASIN (TYPE 1)	36 x 24	RC	NEENAH R-3067-V	4.82	917.63	912.81	P-1
ST-2	CATCH BASIN (TYPE 1)	36 x 24	RC	NEENAH R-3067-V	4.17	915.84	911.67	P-2
ST-3	CATCH BASIN (TYPE 1)	36 x 24	RC	NEENAH R-3067-V	4.35	915.26	910.90	P-3
ST-4	CATCH BASIN (TYPE 1)	36 x 24	RC	NEENAH R-3067-V	5.14	915.61	910.47	P-4
ST-5	CATCH BASIN (TYPE 1)	36 x 24	RC	NEENAH R-3067-V	5.00	917.59	912.59	P-5
ST-6	CATCH BASIN (TYPE 1)	36 x 24	RC	NEENAH R-3067-V	5.48	917.60	912.12	P-6
ST-7	CATCH BASIN (TYPE 1)	36 x 24	RC	NEENAH R-3067-V	5.66	917.57	911.90	P-7
ST-8	CATCH BASIN (TYPE 1)	36 x 24	RC	NEENAH R-3067-V	6.02	917.21	911.18	P-8
ST-9	MnDOT 4020	48 Ø	RC	NEENAH R-1733	5.34	915.96	910.62	P-9
ST-9A	SEE DETAIL	36 x 24	RC	NEENAH R-3067-BTG	2.00	914.08	912.08	P-9A
ST-10	MnDOT 4020	60 Ø	RC	SEE DETAIL	5.75	913.00	907.25	P-11

STORM DRAIN APRON SCHEDULE				
APRON NO.	APRON SIZE (IN)	APRON MATERIAL	INVERT ELEVATION	PIPE NO.
FES-1	21	HDPE	910.25	P-4
FES-2	18	HDPE	910.25	P-9
FES-3	24	HDPE	907.25	P-10
FES-4	24	HDPE	910.09	P-11
FES 5	12	RC	914.36	P-12
FES 6	12	RC	913.21	P-12

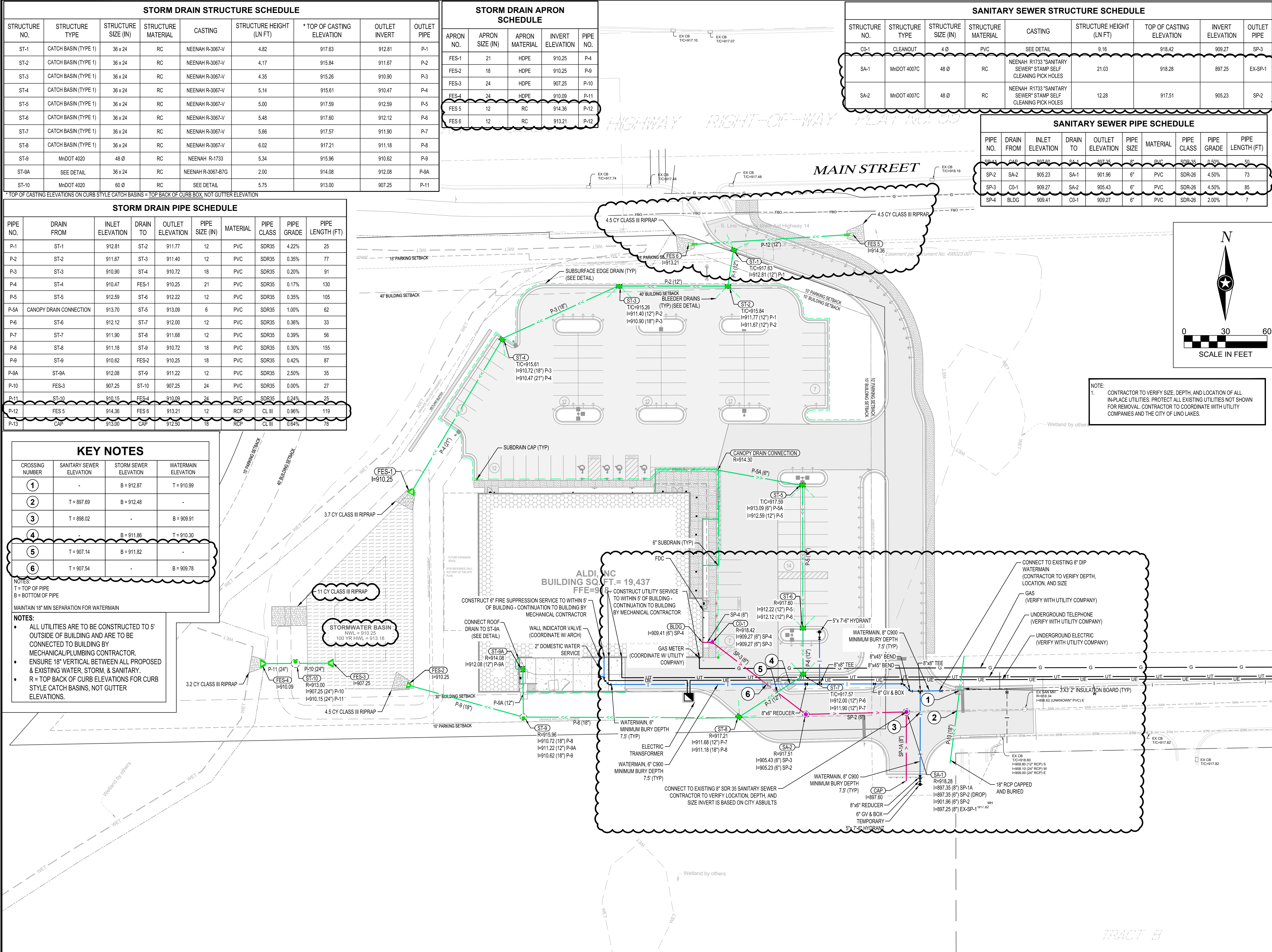
SANITARY SEWER STRUCTURE SCHEDULE								
STRUCTURE NO.	STRUCTURE TYPE	STRUCTURE SIZE (IN)	STRUCTURE MATERIAL	CASTING	STRUCTURE HEIGHT (LN FT)	TOP OF CASTING ELEVATION	INVERT ELEVATION	OUTLET PIPE
CO-1	CLEANOUT	4 Ø	PVC	SEE DETAIL	9.16	918.42	909.27	SP-3
SA-1	MnDOT 4007C	48 Ø	RC	NEENAH R1733 "SANITARY SEWER" STAMP SELF CLEANING PICK HOLES	21.03	918.28	897.25	EX-SP-1
SA-2	MnDOT 4007C	48 Ø	RC	NEENAH R1733 "SANITARY SEWER" STAMP SELF CLEANING PICK HOLES	12.28	917.51	905.23	SP-2

SANITARY SEWER PIPE SCHEDULE									
PIPE NO.	DRAIN FROM	INLET ELEVATION	DRAIN TO	OUTLET ELEVATION	PIPE SIZE	MATERIAL	PIPE CLASS	PIPE GRADE	PIPE LENGTH (FT)
SP-1A	CAP	897.60	SA-1	897.45	8"	PVC	SDR-35	0.50%	50
SP-2	SA-2	905.23	SA-1	901.96	6"	PVC	SDR-26	4.50%	73
SP-3	CO-1	909.27	SA-2	905.43	6"	PVC	SDR-26	4.50%	85
SP-4	BLDG	909.41	CO-1	909.27	6"	PVC	SDR-26	2.00%	7

STORM DRAIN PIPE SCHEDULE									
PIPE NO.	DRAIN FROM	INLET ELEVATION	DRAIN TO	OUTLET ELEVATION	PIPE SIZE (IN)	MATERIAL	PIPE CLASS	PIPE GRADE	PIPE LENGTH (FT)
P-1	ST-1	912.81	ST-2	911.77	12	PVC	SDR35	4.22%	25
P-2	ST-2	911.67	ST-3	911.40	12	PVC	SDR35	0.36%	77
P-3	ST-3	910.90	ST-4	910.72	18	PVC	SDR35	0.20%	91
P-4	ST-4	910.47	FES-1	910.25	21	PVC	SDR35	0.17%	130
P-5	ST-5	912.59	ST-6	912.22	12	PVC	SDR35	0.35%	105
P-5A	CANOPY DRAIN CONNECTION	913.70	ST-5	913.09	6	PVC	SDR35	1.00%	62
P-6	ST-6	912.12	ST-7	912.00	12	PVC	SDR35	0.36%	33
P-7	ST-7	911.90	ST-8	911.68	12	PVC	SDR35	0.39%	56
P-8	ST-8	911.18	ST-9	910.72	18	PVC	SDR35	0.30%	155
P-9	ST-9	910.62	FES-2	910.25	18	PVC	SDR35	0.42%	87
P-9A	ST-9A	912.08	ST-9	911.22	12	PVC	SDR35	2.50%	35
P-10	FES-3	907.25	ST-10	907.25	24	PVC	SDR35	0.00%	27
P-11	ST-10	910.15	FES-4	910.09	24	PVC	SDR35	0.24%	25
P-12	FES 5	914.36	FES 6	913.21	12	RCP	CL III	0.96%	119
P-13	CAP	913.00	CAP	912.50	18	RCP	CL III	0.64%	78

KEY NOTES			
CROSSING NUMBER	SANITARY SEWER ELEVATION	STORM SEWER ELEVATION	WATERMAIN ELEVATION
①	-	B = 912.87	T = 910.99
②	T = 897.69	B = 912.48	-
③	T = 898.02	-	B = 909.91
④	-	B = 911.86	T = 910.30
⑤	T = 907.14	B = 911.82	-
⑥	T = 907.54	-	B = 909.78

- NOTES:  
T = TOP OF PIPE  
B = BOTTOM OF PIPE  
MAINTAIN 18" MIN SEPARATION FOR WATERMAIN
- NOTES:
- ALL UTILITIES ARE TO BE CONSTRUCTED TO 5' OUTSIDE OF BUILDING AND ARE TO BE CONNECTED TO BUILDING BY MECHANICAL/PLUMBING CONTRACTOR.
  - ENSURE 18" VERTICAL BETWEEN ALL PROPOSED & EXISTING WATER, STORM, & SANITARY.
  - R = TOP BACK OF CURB ELEVATIONS FOR CURB STYLE CATCH BASINS, NOT GUTTER ELEVATIONS.



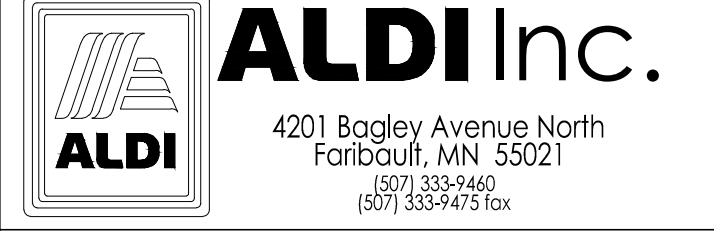
Issued:	Date:
A CITY SUBMITTAL SET #1	02/07/25
B CITY SUBMITTAL SET #2	03/25/25
C ISSUED FOR BID	04/07/25
D CITY SUBMITTAL 3	05/09/25
E ISSUED FOR CONSTRUCTION	06/09/25
Revisions:	Date:
1 CCD-01	06/09/25
2	
3	
4	
5	
6	
7	
8	
9	

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.

*Ryan Anderson*  
DATE: 03/26/2025 LIC. NO. 55938  
SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



MANAGING LOCATION:  
BLOOMINGTON OFFICE  
7900 INTERNATIONAL DRIVE  
SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



ALDI Inc. Store #: 154  
LINO LAKES, MN  
7085 OTTER LAKE ROAD  
LINO LAKES, MN 55038  
ANOKA COUNTY

Project Name & Location:

SITE UTILITY PLAN

Drawing Name:	ISG Project No.
Type: V7.0 ER	29782
Drawn By: PSH	
Designed By: PSH	C-320
Reviewed By: JMF	Drawing No.

HYDRANT COVERAGE LEGEND

R250'

+

EXISTING HYDRANT

R250'

+

PROPOSED HYDRANT

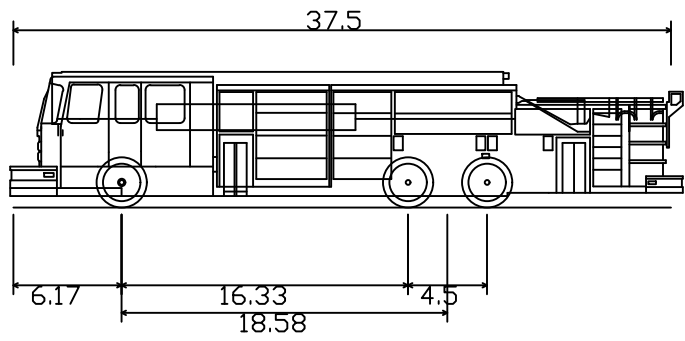
N

0

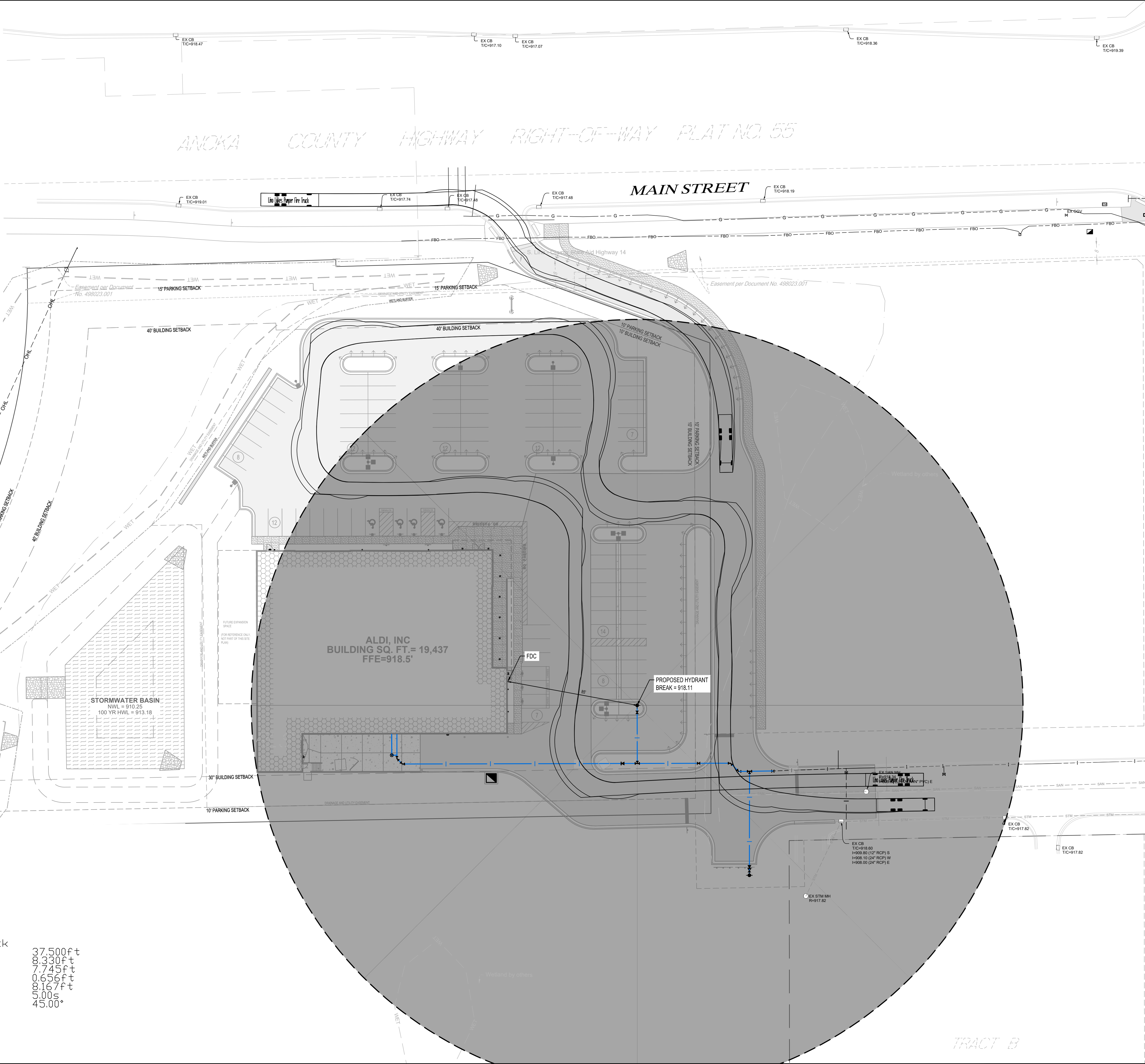
30

60

SCALE IN FEET



Lino Lakes Pumper Fire Truck  
Overall Length 37.500ft  
Overall Width 8.330ft  
Overall Body Height 7.745ft  
Min Body Ground Clearance 0.656ft  
Track Width 8.167ft  
Lock-to-lock time 5.00s  
Max Wheel Angle 45.00°



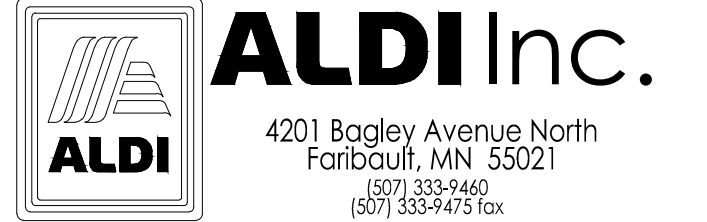
Issued:		Date:
A	CITY SUBMITTAL SET #1	02/07/25
B	CITY SUBMITTAL SET #2	03/25/25
C	ISSUED FOR BID	04/07/25
D	CITY SUBMITTAL 3	05/09/25
E	ISSUED FOR CONSTRUCTION	06/09/25
Revisions:		Date:
1		
2		
3		
4		
5		
6		
7		
8		
9		

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.

*Ryan Anderson*  
DATE: 03/26/2025 LIC. NO. 55938  
SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



MANAGING LOCATION:  
BLOOMINGTON OFFICE  
7900 INTERNATIONAL DRIVE  
SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



ALDI Inc. Store #: 154  
LINO LAKES, MN  
7085 OTTER LAKE ROAD  
LINO LAKES, MN 55038  
ANOKA COUNTY  
Project Name & Location:

HYDRANT COVERAGE PLAN	
Drawing Name:	
Type: V7.0 ER	ISG Project No. 29782
Drawn By: PSH	
Designed By: PSH	C-321
Reviewed By: JMF	Drawing No.



# Anoka County

## TRANSPORTATION DIVISION

Respectful, Innovative, Fiscally Responsible

Highway

Transit

Surveyor

GIS

Fleet

Joe MacPherson, P.E.  
Chief Officer, Transportation, County Engineer

Jerry Auge, P.E.  
Department Director, Assistant County Engineer

## EXCAVATOR AND OPERATOR NOTICE

This notice is for all excavators and operators applying for permits involving excavations - your obligations to comply with Minnesota State Statutes 216D are attached to this notice.

This notice is a requirement of State Statute 216D.02; Notice to Excavators and Operators.

**Our Passion Is Your Safe Way Home**

1440 Bunker Lake Boulevard N.W. ▲ Andover, MN 55304-4005  
Office: 763-324-3100 ▲ Fax: 763-324-3020 ▲ [www.anokacounty.us/highway](http://www.anokacounty.us/highway)

**Affirmative Action / Equal Opportunity Employer**

**216D.03 NOTIFICATION CENTER.**

Subdivision 1. **Participation.** An operator shall participate in and share in the costs of one statewide notification center operated by a vendor selected under subdivision 2.

Subd. 2. **Establishment of notification center; rules.** (a) The notification center services must be provided by a nonprofit corporation approved in writing by the commissioner. The nonprofit corporation must be governed by a board of directors of up to 20 members, one of whom is the director of the Office of Pipeline Safety. The other board members must represent and be elected by operators, excavators, and other persons eligible to participate in the center. In deciding to approve a nonprofit corporation, the commissioner shall consider whether it meets the requirements of this paragraph and whether it demonstrates that it has the ability to contract for and implement the notification center service.

(b) The commissioner shall adopt rules:

(1) establishing a notification process and competitive bidding procedure for selecting a vendor to provide the notification service;

(2) governing the operating procedures and technology needed for a statewide notification center; and

(3) setting forth the method for assessing the cost of the service among operators.

(c) The commissioner shall select a vendor to provide the notification center service. The commissioner may advertise for bids as provided in section 16C.06, subdivisions 1 and 2, and base the selection of a vendor on best value as provided in section 16C.06, subdivision 6. The commissioner shall select and contract with the vendor to provide the notification center service, but all costs of the center must be paid by the operators. The commissioner may at any time appoint a task force to advise on the renewal of the contract or any other matter involving the center's operations.

(d) An operator may submit a bid and be selected to contract to provide the notification center service under paragraph (a) or (c). The commissioner shall annually review the services provided by the nonprofit corporation approved under paragraph (a) or the vendor selected under paragraph (c).

Subd. 3. **Cooperation with local government.** In establishing operating procedures and technology for the statewide notification center, the board of directors or the commissioner must work in cooperation with the League of Minnesota Cities, the Association of Minnesota Counties, and the Township Officers' Association. The purpose of this cooperation is to maximize the participation of local governmental units that issue permits for activities involving excavation to assure that excavators receive notice of and comply with the requirements of sections 216D.01 to 216D.07.

Subd. 4. **Notice to local government.** The notification center shall provide local governmental units with a master list, by county, of the operators in the county who are participants in the notification center, and the telephone number and mailing address of the notification center.

**History:** 1987 c 353 s 9; 1997 c 187 art 1 s 15; 1998 c 386 art 2 s 69

**216D.04 EXCAVATION; LAND SURVEY.**

Subdivision 1. **Notice required; contents.** (a) Except in an emergency, an excavator shall and a land surveyor may contact the notification center and provide notice at least 48 hours, excluding Saturdays, Sundays, and holidays and not more than 14 calendar days before beginning any excavation or boundary survey. An excavation or boundary survey begins, for purposes of this requirement, the first time excavation or a boundary survey occurs in an area that was not previously identified by the excavator or land surveyor in the notice.

(b) The notice may be oral or written, and must contain the following information:

- (1) the name of the individual providing the notice;
- (2) the precise location of the proposed area of excavation or survey;
- (3) the name, address, and telephone number of the individual or individual's company;
- (4) the field telephone number, if one is available;
- (5) the type and extent of the activity;
- (6) whether or not the discharge of explosives is anticipated;
- (7) the date and time when the excavation or survey is to commence; and
- (8) the estimated duration of the activity.

Subd. 1a. **Plans for excavation.** (a) Any person, prior to soliciting bids or entering into a contract for excavation, shall provide a proposed notice to the notification center to obtain from the affected operators of underground facilities the type, size, and general location of underground facilities. Affected operators shall provide the information within 15 working days. An operator who provides information to a person who is not a unit of government may indicate any portions of the information which are proprietary and may require the person to provide appropriate confidentiality protection. The information obtained from affected operators must be submitted on the final drawing used for the bid or contract and must depict the utility quality level of that information. This information must be updated not more than 90 days before completion of the final drawing used for the bid or contract.

(b) This subdivision does not apply to bids and contracts for:

- (1) routine maintenance of underground facilities or installation, maintenance, or repair of service lines;
- (2) excavation for operators of underground facilities performed on a unit of work or similar basis; or
- (3) excavation for home construction and projects by home owners.

(c) A person required by this section to show existing underground facilities on its drawings shall conduct one or more preliminary design meetings during the design phase to communicate the project design and coordinate utility relocation. Affected facility operators shall attend these meetings or make other arrangements to provide information.

(d) A person required by this section to show existing underground facilities on its drawings shall conduct one or more preconstruction meetings to communicate the project design and coordinate utility relocation. Affected facility operators and contractors shall attend these meetings or make other arrangements to provide information.

(e) This subdivision does not affect the obligation to provide a notice of excavation as required under subdivision 1.

Subd. 2. **Duties of notification center; regarding notice.** The notification center shall assign an inquiry identification number to each notice and retain a record of all notices received for at least six years. The center shall immediately transmit the information contained in a notice to every operator that has an underground facility in the area of the proposed excavation or boundary survey.

Subd. 3. **Locating underground facility; operator.** (a) Prior to the excavation start time on the notice, an operator shall locate and mark or otherwise provide the approximate horizontal location of the underground facilities of the operator and provide readily available information regarding the operator's abandoned and out-of-service underground facilities as shown on maps, drawings, diagrams, or other records used in the operator's normal course of business, without cost to the excavator. The excavator shall determine the precise location of the underground facility, without damage, before excavating within two feet of the marked location of the underground facility.

(b) Within 96 hours or the time specified in the notice, whichever is later, after receiving a notice for boundary survey from the notification center, excluding Saturdays, Sundays, and holidays, unless otherwise agreed to between the land surveyor and operator, an operator shall locate and mark or otherwise provide the approximate horizontal location of the underground facilities of the operator, without cost to the land surveyor.

(c) For the purpose of this section, the approximate horizontal location of the underground facilities is a strip of land two feet on either side of the underground facilities.

(d) Markers used to designate the approximate location of underground facilities must follow the current color code standard used by the American Public Works Association.

(e) If the operator cannot complete marking of the excavation or boundary survey area before the excavation or boundary survey start time stated in the notice, the operator shall promptly contact the excavator or land surveyor.

(f) After December 31, 1998, operators shall maintain maps, drawings, diagrams, or other records of any underground facility abandoned or out-of-service after December 31, 1998.

(g) An operator or other person providing information pursuant to this subdivision is not responsible to any person, for any costs, claims, or damages for information provided in good faith regarding abandoned, out-of-service, or private or customer-owned underground facilities.

Subd. 4. **Locating underground facility; excavator or land surveyor.** (a) The excavator or land surveyor shall determine the precise location of the underground facility, without damage, before excavating within two feet on either side of the marked location of the underground facility.

(b) If the excavator or land surveyor cancels the excavation or boundary survey, the excavator or land surveyor shall cancel the notice through the notification center.

(c) The notice is valid for 14 calendar days from the start time stated on the notice. If the activity will continue after the expiration time, then the person responsible for the activity shall serve an additional notice at least 48 hours, excluding Saturdays, Sundays, and holidays, before the expiration time of the original notice, unless the excavator makes arrangements with the operators affected to periodically verify or refresh the marks, in which case the notice is valid for six months from the start time stated on the notice.

(d) The excavator is responsible for reasonably protecting and preserving the marks until no longer required for proper and safe excavation near the underground facility. If the excavator has reason to believe the marks are obliterated, obscured, missing, or incorrect, the excavator shall notify the facility operator or notification center in order to have an operator verify or refresh the marks.

**History:** 1987 c 353 s 10; 1992 c 493 s 5; 1993 c 341 art 1 s 21; 1997 c 196 s 1; 1998 c 348 s 1-3; 2004 c 163 s 2-6

**216D.05 PRECAUTIONS TO AVOID DAMAGE.**

An excavator shall:

- (1) plan the excavation to avoid damage to and minimize interference with underground facilities in and near the construction area;
- (2) use white markings for proposed excavations except where it can be shown that it is not practical;
- (3) maintain a clearance between an underground facility and the cutting edge or point of any mechanized equipment, considering the known limit of control of the cutting edge or point to avoid damage to the facility;
- (4) provide support for underground facilities in and near the construction area, including during backfill operations, to protect the facilities; and
- (5) conduct the excavation in a careful and prudent manner.

**History:** 1987 c 353 s 11; 1998 c 348 s 4; 2004 c 163 s 7

**216D.06 DAMAGE TO FACILITY.**

Subdivision 1. **Notice; repair.** (a) If any damage occurs to an underground facility or its protective covering, the excavator shall notify the operator promptly. When the operator receives a damage notice, the operator shall promptly dispatch personnel to the damage area to investigate. If the damage results in the escape of any flammable, toxic, or corrosive gas or liquid or endangers life, health, or property, the excavator responsible shall immediately notify the operator and the 911 public safety answering point, as defined in section 403.02, subdivision 19, and take immediate action to protect the public and property. The excavator shall also attempt to minimize the hazard until arrival of the operator's personnel or until emergency responders have arrived and completed their assessment. The 911 public safety answering point shall maintain a response plan for notifications generated by this section.

(b) An excavator shall delay backfilling in the immediate area of the damaged underground facilities until the damage has been investigated by the operator, unless the operator authorizes otherwise. The repair of damage must be performed by the operator or by qualified personnel authorized by the operator.

(c) An excavator who knowingly damages an underground facility, and who does not notify the operator as soon as reasonably possible or who backfills in violation of paragraph (b), is guilty of a misdemeanor.

Subd. 2. **Cost reimbursement.** (a) If an excavator damages an underground facility, the excavator shall reimburse the operator for the cost of necessary repairs, and for a pipeline the cost of the product that was being carried in the pipeline and was lost as a direct result of the damage.

(b) Reimbursement is not required if the damage to the underground facility was caused by the sole negligence of the operator or the operator failed to comply with section 216D.04, subdivision 3.

Subd. 3. **Prima facie evidence of negligence.** It is prima facie evidence of the excavator's negligence in a civil court action if damage to the underground facilities of an operator resulted from excavation, and the excavator failed to give an excavation notice under section 216D.04 or provide support as required by section 216D.05.

**History:** 1987 c 353 s 12; 1999 c 43 s 1

**216D.07 EFFECT ON LOCAL ORDINANCES.**

(a) Sections 216D.01 to 216D.07 do not affect or impair local ordinances, charters, or other provisions of law requiring permits to be obtained before excavating.

(b) A person with a permit for excavation from the state or a public agency is subject to sections 216D.01 to 216D.07. The state or public agency that issued a permit for excavation is not liable for the actions of an excavator who fails to comply with sections 216D.01 to 216D.07.

**History:** *1987 c 353 s 13*

**CHAPTER 7560**  
**OFFICE OF PIPELINE SAFETY**  
**EXCAVATION NOTICE SYSTEM**

- 7560.0100 DEFINITIONS.
- 7560.0125 ABANDONED AND OUT-OF-SERVICE FACILITIES.
- 7560.0150 PUBLIC RIGHT-OF-WAY MAPPING AND INSTALLATION.
- 7560.0225 EXCAVATOR RESPONSIBILITIES REGARDING A LOCATE.
- 7560.0250 LOCATE STANDARDS.
- 7560.0300 OPERATOR PARTICIPATES AND SHARES COSTS.
- 7560.0325 EMERGENCY EXCAVATION NOTICES.
- 7560.0350 EXCAVATION NOTICE REQUESTING MEET.
- 7560.0375 LOCATING A SERVICE LATERAL.
- 7560.0400 CITATIONS.
- 7560.0500 RESPONSE OPTIONS.
- 7560.0600 DIRECTOR REVIEW.
- 7560.0700 CONSENT ORDER.
- 7560.0800 CIVIL PENALTIES.

**7560.0100 DEFINITIONS.**

Subpart 1. **Scope.** The terms used in this chapter have the meanings given them. Terms not defined in this part have the meanings given them in Minnesota Statutes, section 216D.01.

Subp. 1a. **Abandoned facility.** "Abandoned facility" means an underground facility that is no longer in service and is physically disconnected from a portion of the operating facility that is in use or still carries service. An abandoned facility has been deemed abandoned by the operator.

Subp. 2. **Director.** "Director" means the director of the Office of Pipeline Safety of the Minnesota Department of Public Safety.

Subp. 3. **Good cause to believe.** "Good cause to believe" means grounds put forth in good faith that are not arbitrary, irrational, unreasonable, or irrelevant and that are based on at least one of the following sources:

- A. information from a person;
- B. facts supplied by the notification center defined in Minnesota Statutes, section 216D.01, subdivision 8;
- C. facts of which the director or an agent of the director has personal knowledge; and
- D. information provided by excavators or operators.

Subp. 4. **Locate.** "Locate" means an operator's markings of an underground facility.

Subp. 5. [Renumbered as subp 8]

Subp. 5a. [Renumbered as subp 9]

Subp. 6. [Renumbered as subp 11]

**7560.0125 EXCAVATION NOTICE SYSTEM**

2

Subp. 7. **Meet.** When used as a noun in this chapter, "meet" refers to a meeting at the site of proposed excavation requested at the time of notice by the excavator with all affected underground facility operators to further clarify the precise geographic location of excavation, schedule locating, propose future contacts, and share other information concerning the excavation and facilities.

Subp. 8. **Office.** "Office" means the Office of Pipeline Safety of the Minnesota Department of Public Safety.

Subp. 9. **Out-of-service facility.** "Out-of-service facility" means an underground facility that is no longer maintained and is not intended for future use, but has not been deemed abandoned. An out-of-service facility may still be connected to a portion of the operating facility that is in use or still carries service.

Subp. 10. **Public right-of-way.** "Public right-of-way" means the area on, below, or above a public roadway, highway, street, cartway, bicycle lane, and sidewalk in which a government unit has an interest, including other rights-of-way dedicated for travel purposes and utility easements of government units.

Subp. 11. **Remuneration.** "Remuneration" means direct or indirect compensation or consideration paid to the person or the person's agent, employer, employee, subcontractor, or contractor. A person who excavates as part of the person's duties as an employee, employer, agent, subcontractor, or contractor is considered to be acting for remuneration.

Subp. 12. **Service lateral.** "Service lateral" means an underground facility that is used to transmit, distribute, or furnish gas, electricity, communications, or water from a common source to an end-use customer. A service lateral is also an underground facility that is used in the removal of wastewater from a customer's premises.

**Statutory Authority:** *MS s 14.06; 216D.08; 299F.56; 299F.60; 299F.641; 299J.04*

**History:** *16 SR 135; 24 SR 448; 29 SR 1503*

**Published Electronically:** *July 20, 2005*

**7560.0125 ABANDONED AND OUT-OF-SERVICE FACILITIES.**

Subpart 1. **Duty of operators to provide readily available information.** Operators shall provide readily available information, as shown on maps, drawings, diagrams, or other records used in the normal course of business, on the approximate location of abandoned and out-of-service facilities to an excavator by the excavation date and time noted on the excavation or location notice unless otherwise agreed between the excavator and the operator. An operator fulfills an obligation to provide information on these facilities by doing one or more of the following:

- A. locating and marking the approximate location of the facility according to the current color code standard used by the American Public Works Association, as required in Minnesota Statutes, section 216D.04, subdivision 3, with an abandoned or out-of-service facility identified by an uppercase A surrounded by a circle;
- B. providing informational flags at the area of proposed excavation;
- C. communicating information verbally; or
- D. providing copies of maps, diagrams, or records.

Subp. 2. **Duty to notify operator.** An excavator shall notify the operator:

A. before moving, removing, or otherwise altering a facility that is thought to be abandoned or out of service; or

B. if damage to the facility occurs, pursuant to Minnesota Statutes, section 216D.01, subdivision 2.

Subp. 3. **Verification of abandoned or out-of-service facility.** Upon receipt of notification by an excavator pursuant to subpart 2, an operator shall verify that an underground facility is abandoned or out of service, by either reference to installation records, testing, or other comparable standard of verification, before an excavator is allowed to move, remove, or otherwise alter an underground facility.

Subp. 4. **Liability.** An operator providing information pursuant to Minnesota Statutes, section 216D.04, subdivision 3, is not responsible to any person for any costs, claims, or damages for information provided in good faith regarding abandoned and out-of-service underground facilities.

**Statutory Authority:** *MS s 14.06; 216D.08; 299J.04; 299F.60*

**History:** *24 SR 448*

**Published Electronically:** *July 20, 2005*

#### **7560.0150 PUBLIC RIGHT-OF-WAY MAPPING AND INSTALLATION.**

Subpart 1. **Duty of operator to map.** After December 31, 2005, an operator shall maintain a map, a diagram, a drawing, or geospatial information regarding the location of its underground facility within a public right-of-way installed after that date.

Subp. 2. **Duty to install locating wire.** After December 31, 2005, an operator shall install a locating wire or have an equally effective means of marking the location of each nonconductive underground facility within a public right-of-way installed after that date. This requirement does not apply when making minor repairs to an existing nonconductive facility. As applied to this chapter, "minor repairs" means repairs to or partial replacement of portions of existing service laterals located within a public right-of-way for purposes of routine maintenance and upkeep.

**Statutory Authority:** *MS s 299J.04*

**History:** *29 SR 1503*

**Published Electronically:** *July 20, 2005*

#### **7560.0200 [Repealed, 24 SR 448]**

**Published Electronically:** *July 20, 2005*

#### **7560.0225 EXCAVATOR RESPONSIBILITIES REGARDING A LOCATE.**

Subpart 1. [Repealed, 29 SR 1503]

Subp. 2. **Responsibility to protect and preserve.** The excavator is responsible for reasonably protecting and preserving a locate until no longer required for proper and safe excavation near the underground facility. If the excavator has reason to believe a locate is obliterated, obscured, missing, or incorrect, the excavator shall notify the facility operator or notification center in order to have an operator verify, refresh, or re-mark the locate.

**7560.0250 EXCAVATION NOTICE SYSTEM**

4

Subp. 3. **Use of locate.** A locate is valid for 14 days from the excavation commencement time stated on the excavation or location notice, unless the excavator has made previous arrangements with the operators affected to periodically verify, refresh, or re-mark the locate.

**Statutory Authority:** *MS s 14.06; 216D.08; 299J.04; 299F.60*

**History:** *24 SR 448; 29 SR 1503*

**Published Electronically:** *July 20, 2005*

**7560.0250 LOCATE STANDARDS.**

Subpart 1. **Facility locate.** Unless otherwise agreed to between the excavator and operator, an operator shall locate an underground facility using stakes, flags, paint, or other suitable materials in varying combinations dependent upon the surface. The locate must be in sufficient detail to clearly identify the approximate route of the underground facility. The locate must also include:

- A. name, abbreviation, or logo of the operator when more than one operator listed on the notice uses the same color markings;
- B. width of the underground facility if it is greater than eight inches; and
- C. number of underground facilities if greater than one.

Subp. 2. **Operator duties in no conflict situation.** After December 31, 2005, an operator who receives notice and determines that an underground facility is not in conflict with the proposed excavation shall complete one or more of the following:

- A. mark the area "NO" followed by the operator's name, abbreviation, or logo in the color code of the underground facility not in conflict;
- B. place a clear plastic flag at the area that:
  - (1) states "N/C" or "NO CONFLICT" in lettering matching the color code of the underground facility that is not in conflict; and
  - (2) includes the operator's name, abbreviation, or logo, the date, a contact telephone number, and the ticket number; or
- C. contact the notification center through procedures required by the notification center and indicate that there are no underground facilities in conflict with the proposed excavation and that no markings or flags were left at the proposed excavation site.

Subp. 3. **Placement of flags or markings.** If using N/C (no conflict) flags or markings pursuant to subpart 2, an operator shall place the flags or markings in a location that can be readily observed by an excavator. When an area of proposed excavation is delineated by the use of white markings, an operator shall place the N/C flags or markings within, or as near as practicable to, the delineated area.

Subp. 4. **Duties of notification center.** After December 31, 2005, the notification center shall make the information received under subpart 2 available to the excavator before the start date and time on the notice. The notification center may fulfill this requirement by making the information accessible through one or more Internet addresses, by transmitting the information to a continuously working facsimile machine maintained by the excavator, or by other methodology developed by the notification center. The notification center shall make available the information received by operators pursuant to this section through

an electronic means. The notification center is not required by this subpart to contact an excavator verbally via telephone.

**Statutory Authority:** *MS s 299J.04*

**History:** *29 SR 1503*

**Published Electronically:** *July 20, 2005*

#### **7560.0300 OPERATOR PARTICIPATES AND SHARES COSTS.**

An operator shall participate in and share the costs of the one call excavation notice system by:

- A. submitting the information required by the notification center to allow the center to notify the operator of excavation activity;
- B. updating the information provided to the notification center on a timely basis;
- C. installing and paying for equipment reasonably requested by the notification center to facilitate receipt of notice of excavation from the center;
- D. paying the costs charged by the notification center on a timely basis; and
- E. receiving and responding to excavation notices, including emergency notices, as required by Minnesota Statutes, chapter 216D.

**Statutory Authority:** *MS s 14.06; 216D.08; 299F.56; 299F.641*

**History:** *16 SR 135*

**Published Electronically:** *July 20, 2005*

#### **7560.0325 EMERGENCY EXCAVATION NOTICES.**

Subpart 1. **Duty of excavator to provide notice.** An excavator shall provide notice to the notification center before commencing an emergency excavation, unless subpart 2 applies. All emergency notices, regardless whether made prior to excavation, must be verbal or in a manner accepted by the notification center. In addition to the information required by the notification center, the notice must also contain:

- A. a description of the situation requiring the emergency excavation;
- B. the precise location of the proposed area of the emergency excavation;
- C. at least one continuously staffed telephone number where the excavator can be contacted by the operator throughout the emergency; and
- D. the excavation start date and time if the need for excavation is not immediate.

Subp. 2. **Excavating before notice.** If an emergency is such that providing notice or waiting for an operator would result in an undue risk to life, health, or significant loss of property, the excavator may excavate without providing prior notice or waiting for an operator to mark an underground facility. In this situation, the excavator shall provide notice as soon as practicable and take all reasonable precautions to avoid or minimize damage. Excavation prior to notice under this subpart does not relieve an excavator from any responsibility for damage to an underground facility pursuant to Minnesota Statutes, section 216D.06.

Subp. 3. **Emergency notice requesting immediate response.** Upon receiving an emergency excavation notice requesting an immediate response, an operator shall:

**7560.0350 EXCAVATION NOTICE SYSTEM**

6

A. attempt to contact the excavator within one hour at the telephone number provided in subpart 1, item C, to provide any information concerning facilities at or near the area of excavation including an anticipated response time; and

B. locate and mark the underground facility within three hours of notice unless:

- (1) otherwise agreed between the parties;
- (2) the operator notifies the excavator that not locating does not present an immediate danger to life or health, or a significant loss of property; or
- (3) there is an event or situation that cannot be reasonably anticipated or controlled by the operator.

Subp. 4. **Emergency notice requesting scheduled response.** Upon receiving an emergency excavation notice that does not require an immediate response, and before the scheduled excavation start date and time, an operator shall:

A. locate and mark the underground facility, unless otherwise agreed between the parties; or

B. notify the excavator at the telephone number provided in subpart 1, item C, that there is not an underground facility within the area of proposed excavation.

For purposes of this subpart, a requested start time of three hours or less from the time notice is provided to the center is considered an emergency notice requesting immediate response under subpart 3.

**Statutory Authority:** *MS s 299J.04*

**History:** *29 SR 1503*

**Published Electronically:** *July 20, 2005*

**7560.0350 EXCAVATION NOTICE REQUESTING MEET.**

Subpart 1. **Excavator duties.** When requesting a meet through the notification center, an excavator must provide at least one contact name and telephone number to assist in facilitating the meet. An excavator shall contact the notification center to cancel or reschedule the meet and the notification center shall relay this information to the affected operators. When a meet is requested, an excavator's notice must include the entire geographic area of the proposed excavation and the specific location of the meet. This part does not relieve an excavator from the duty to provide a precise geographic location of the proposed area of excavation, or to use white markings except where it can be shown that to do so is not practical.

Subp. 2. **Operator duties.** When a meet is requested, an affected operator shall make a reasonable effort to attend the meet at the proposed date and time, or contact the excavator before the meet and reschedule for a mutually agreed date and time.

Subp. 3. **Excavation start date and time.** When a meet is requested, the meet date and time must be at least 48 hours after notice is provided, excluding Saturdays, Sundays, and holidays, and the excavation start date and time must be at least 24 hours after the proposed meet date and time specified on the notice, excluding Saturdays, Sundays, and holidays. This subpart does not apply if these matters are provided for in a written agreement with all affected operators.

Subp. 4. **Meet request documentation.** An excavator shall maintain written documentation of each meet with an underground facility operator or representative. This documentation must be kept for the duration of the excavation conducted under the notice. The documentation must include:

- A. the date and time of each meet;
- B. the names, company affiliations, and contact information of the attendees of each meet;
- C. a diagram, sketch, or description of the precise excavation locations, dates, and times; and
- D. the agreed schedule of any future meets or communications.

**Statutory Authority:** *MS s 299J.04*

**History:** *29 SR 1503*

**Published Electronically:** *July 20, 2005*

#### **7560.0375 LOCATING A SERVICE LATERAL.**

Subpart 1. **Operator duties.** Unless otherwise agreed, an underground facility operator shall locate a service lateral before the start date and time on the notice and in accordance with items A through C:

A. An operator of a natural gas, propane, or electric facility shall locate a service lateral up to the meter or the connection to a customer's underground facility, whichever is closer to the end-use customer. If the meter or connection to the customer's underground facility is within a public right-of-way, at a minimum the operator shall locate that portion of the service lateral within the public right-of-way up to the point where the service lateral first leaves the public right-of-way.

B. An operator of a communication facility shall locate a service lateral up to the entry of the first building. If the service lateral does not enter a building, the operator shall locate up to the utilization equipment, fence, or wall that surrounds the equipment.

C. After December 31, 2005, an operator of a sewage or water facility, at a minimum, shall locate that portion of the service lateral within a public right-of-way installed after that date up to the point where the service lateral first leaves the public right-of-way. The operator shall either locate or provide information as shown on maps, drawings, diagrams, or other records, on the location of a sewer or water service lateral installed before January 1, 2006. If no information is available on a sewer or water service lateral installed before January 1, 2006, then notifying the excavator that no information exists fulfills the requirements of this section.

Subp. 2. **Exception.** An operator is not required to locate a service lateral of a customer who currently participates in the statewide notification system, provided the customer and operator mutually agree that the customer will assume locate responsibilities. The agreement must be in writing.

**Statutory Authority:** *MS s 299J.04*

**History:** *29 SR 1503*

**Published Electronically:** *July 20, 2005*

#### **7560.0400 CITATIONS.**

Subpart 1. **Notice of violation.** The office shall issue a notice of probable violation when the office has good cause to believe a violation of Minnesota Statutes, sections 216D.01 to 216D.09 or this chapter has occurred.

Subp. 2. **Contents of notice of violation.** A notice of violation must include:

**7560.0500 EXCAVATION NOTICE SYSTEM**

8

- A. a statement of the statute or rule allegedly violated by the person and a description of the evidence on which the allegation is based;
- B. notice of response options available to the person cited;
- C. notice that the person has 30 days in which to respond;
- D. notice that failure to respond within 30 days precludes administrative review under this chapter; and
- E. if a civil penalty is proposed, the amount of the proposed civil penalty and the maximum civil penalty applicable under law.

Subp. 3. **Receipt of notice.** The notice of violation is deemed received three days after mailing to the person's last known address.

**Statutory Authority:** *MS s 14.06; 216D.08; 299F.56; 299F.60; 299F.641; 299J.04*

**History:** *16 SR 135; 24 SR 448*

**Published Electronically:** *July 20, 2005*

**7560.0500 RESPONSE OPTIONS.**

The person shall respond to the notice of violation in the following way:

- A. When the notice contains a proposed compliance order, the person shall:
  - (1) agree to the proposed compliance order;
  - (2) request the execution of a consent order;
  - (3) object to the proposed compliance order and submit written explanations, information, or other materials in answer to the allegations in the notice; or
  - (4) request the office to initiate a hearing under Minnesota Statutes, sections 14.50 to 14.69.
- B. When the notice contains a proposed civil penalty, the person shall:
  - (1) pay the penalty and close the case;
  - (2) submit an offer in compromise of the proposed civil penalty;
  - (3) submit a written explanation, information, or other material in answer to the allegations or in mitigation of the proposed civil penalty; or
  - (4) request the office to initiate a hearing under Minnesota Statutes, sections 14.50 to 14.69.
- C. Failure to respond in writing within 30 days precludes administrative review under this chapter. A final order will be issued and penalties will be forwarded for collection.

**Statutory Authority:** *MS s 14.06; 216D.08; 299F.56; 299F.60; 299F.641; 299J.04*

**History:** *16 SR 135; 24 SR 448*

**Published Electronically:** *July 20, 2005*

**7560.0600 DIRECTOR REVIEW.**

If the person objects to the proposed civil penalty or compliance order and submits written explanations, information, or other materials in response to a notice of violation, within the time specified in part 7560.0500, the director shall review the submissions and determine whether to negotiate further, to change or withdraw the notice of violation, or to initiate a hearing under Minnesota Statutes, sections 14.50 to 14.69.

**Statutory Authority:** *MS s 14.06; 216D.08; 299F.56; 299F.60; 299F.641; 299J.04*

**History:** *16 SR 135; 24 SR 448*

**Published Electronically:** *July 20, 2005*

**7560.0700 CONSENT ORDER.**

An executed consent order must contain:

- A. an admission by the person of the jurisdictional facts;
- B. a waiver of further procedural steps and the right to seek judicial or administrative review or otherwise challenge or contest the validity of the consent order; and
- C. an agreement that the notice of violation may be used to construe the terms of the consent order.

**Statutory Authority:** *MS s 14.06; 216D.08; 299F.56; 299F.641*

**History:** *16 SR 135*

**Published Electronically:** *July 20, 2005*

**7560.0800 CIVIL PENALTIES.**

Subpart 1. **Proceedings against excavators.** When the office has good cause to believe that an excavator is engaging or has engaged in conduct that violates Minnesota Statutes, section 216D.04, subdivision 1, 2, or 3; 216D.05, clause (1), (2), (3), or (4); or 216D.06, subdivision 1, or a rule adopted under Minnesota Statutes, section 216D.08, subdivision 4, the office, if appropriate, shall negotiate a civil penalty under Minnesota Statutes, section 216D.08, subdivision 2. A penalty imposed under Minnesota Statutes, section 216D.08, is subject to the contested case and judicial review provisions of Minnesota Statutes, chapter 14. An operator who engages or has engaged in excavation that violates Minnesota Statutes, chapter 216D, is subject to the proceedings specified in subpart 2 and is subject to the penalties specified in subpart 4, item B or C.

Subp. 2. **Proceedings against underground facility operators.** The office may negotiate a civil penalty under item A or B.

A. When the office has good cause to believe that an underground facility operator, other than an operator set forth in item B, is engaging or has engaged in conduct that violates Minnesota Statutes, sections 216D.01 to 216D.07, or a rule adopted under Minnesota Statutes, section 216D.08, subdivision 4, the office, if appropriate, shall negotiate a civil penalty under Minnesota Statutes, section 216D.08, subdivision 2. A penalty imposed under Minnesota Statutes, section 216D.08, is subject to the contested case and judicial review provisions of Minnesota Statutes, chapter 14.

**7560.0800 EXCAVATION NOTICE SYSTEM**

10

B. When the office has good cause to believe that an operator who engages in the transportation of gas or hazardous liquids or who owns or operates a gas or hazardous liquid pipeline facility is engaging or has engaged in conduct that violates Minnesota Statutes, sections 299F.56 to 299F.641, or a rule adopted under Minnesota Statutes, section 299F.60, subdivision 5, the office, if appropriate, shall negotiate a civil penalty under Minnesota Statutes, section 299F.60, subdivision 2. A penalty imposed under Minnesota Statutes, section 299F.60, is subject to the contested case and judicial review provisions of Minnesota Statutes, chapter 14.

Subp. 3. **Assessment considerations.** In assessing a civil penalty under this part, the office shall consider the following factors:

- A. the nature, circumstances, and gravity of the violation;
- B. the degree of the person's culpability;
- C. the person's history of previous offenses;
- D. the person's ability to pay;
- E. good faith on the part of the person in attempting to remedy the cause of the violation;
- F. the effect of the penalty on the person's ability to continue in business; and
- G. past reports of damage to an underground facility by a person.

Subp. 4. **Maximum penalties.** For the purposes of this part, penalties imposed under this part must not exceed the limits in items A to C.

A. Penalties imposed against excavators must not exceed \$1,000 for each violation per day of violation.

B. Penalties imposed against underground facility operators, other than an operator set forth in item C, must not exceed \$1,000 for each violation per day of violation.

C. Penalties imposed against an operator who engages in the transportation of gas or hazardous liquids or who owns or operates a gas or hazardous liquid pipeline facility must not exceed \$10,000 for each violation for each day that the violation persists, except that the maximum civil penalty must not exceed \$500,000 for a related series of violations.

Subp. 5. **Payment procedure.** The person shall pay a civil penalty that has been proposed, assessed, or compromised by submitting to the office a check or money order in the correct amount, payable to the commissioner of public safety.

**Statutory Authority:** *MS s 14.06; 216D.08; 299F.56; 299F.60; 299F.641; 299J.04*

**History:** *16 SR 135; 24 SR 448*

**Published Electronically:** *July 20, 2005*

## Certificate Of Completion

Envelope Id: 841D85CD-FB03-4DD3-A407-CFC4F21EDBB1  
 Subject: Andrea Rand on behalf of ALDI - ROW Permit Application  
 Source Envelope:  
 Document Pages: 59  
 Certificate Pages: 4  
 AutoNav: Enabled  
 Envelopeld Stamping: Enabled  
 Time Zone: (UTC-06:00) Central Time (US & Canada)

Status: Completed  
 Envelope Originator:  
 Highway Permits  
 Anoka County Government Center  
 2100 3rd Avenue  
 Anoka, MN 55303  
 highwaypermits@anokacountymn.gov  
 IP Address: 64.61.193.66

## Record Tracking

Status: Original  
 8/26/2025 3:13:15 PM  
 Security Appliance Status: Connected  
 Storage Appliance Status: Connected  
 Holder: Highway Permits  
 highwaypermits@anokacountymn.gov  
 Pool: StateLocal  
 Pool: Anoka County  
 Location: DocuSign  
 Location: Docusign

## Signer Events

Andrea Rand on behalf of Andrew Mack with ALDI  
 Andrea.Rand@ISGInc.com  
 Security Level:  
 DocuSign.email  
 ID: 1  
 8/26/2025 3:13:18 PM

## Signature

Signed by:  
  
 E5E29385FA044CD...  
 Signature Adoption: Pre-selected Style  
 Using IP Address: 64.61.193.66

## Timestamp

Sent: 8/26/2025 3:13:16 PM  
 Viewed: 8/26/2025 3:13:28 PM  
 Signed: 8/26/2025 3:31:51 PM

## Electronic Record and Signature Disclosure:

Accepted: 8/26/2025 3:13:28 PM  
 ID: 8e14de99-3748-48d3-8d39-93d232af6c17

Susan Burgmeier  
 Susan.Burgmeier@anokacountymn.gov  
 Associate Traffic Technician  
 Anoka County  
 Signing Group: Highway Permits  
 Security Level: Email, Account Authentication  
 (Optional)

DocuSigned by:  
  
 C5E91FE15CD44EE...  
 Signature Adoption: Pre-selected Style  
 Using IP Address: 156.98.106.233

Sent: 8/26/2025 3:32:02 PM  
 Viewed: 8/27/2025 7:52:59 AM  
 Signed: 8/28/2025 3:05:56 PM

## Electronic Record and Signature Disclosure:

Accepted: 8/20/2025 10:28:44 AM  
 ID: f14e5ec1-b35c-434b-b98d-96e8f3993340

## In Person Signer Events

## Signature

## Timestamp

## Editor Delivery Events

## Status

## Timestamp

## Agent Delivery Events

## Status

## Timestamp

## Intermediary Delivery Events

## Status

## Timestamp

## Certified Delivery Events

## Status

## Timestamp

## Carbon Copy Events

## Status

## Timestamp

Andrea Rand on behalf of ALDI  
 Andrea.Rand@ISGInc.com  
 Security Level: Email, Account Authentication  
 (Optional)

**COPIED**

Sent: 8/28/2025 3:06:09 PM

## Electronic Record and Signature Disclosure:

Not Offered via Docusign

Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	8/26/2025 3:13:16 PM
Envelope Updated	Security Checked	8/26/2025 3:31:51 PM
Envelope Updated	Security Checked	8/28/2025 3:05:57 PM
Certified Delivered	Security Checked	8/27/2025 7:52:59 AM
Signing Complete	Security Checked	8/28/2025 3:05:56 PM
Completed	Security Checked	8/28/2025 3:06:09 PM
Payment Events	Status	Timestamps
Electronic Record and Signature Disclosure		

## **ELECTRONIC RECORD AND SIGNATURE DISCLOSURE**

The following information constitutes Anoka County's (we, us or Company) written notices or disclosures relating to your use of DocuSign in relation to Anoka County's license. Described below are the terms and conditions for providing notices and disclosures electronically through the DocuSign system. Please read the information below carefully and thoroughly, and if you agree to this Electronic Record and Signature Disclosure (ERSD), please confirm your agreement by selecting the check-box next to 'I agree to use electronic records and signatures' before clicking 'CONTINUE' within the DocuSign system.

### **Getting paper copies**

At any time, you may request from us a paper copy of any record provided or made available electronically to you by us. You will have the ability to download and print documents we send to you through the DocuSign system during and immediately after the signing session and, if you elect to create a DocuSign account, you may access the documents for a limited period of time (30 days) after the documents are first sent to you. At any time, if you request paper copies of any documents, you may be charged a fee. You may request paper copies from us by following the procedure described below.

### **Withdrawing your consent**

If you decide to receive notices, disclosures and documents from us electronically, you may change your mind and tell us that going forward you want to receive documents only in paper format. Please note, processing time will be slowed down dramatically as we will be required to print and send the document through the mail and await your return of the documents. The process to change the method of receipt is described below.

### **All notices and disclosures will be sent to you electronically**

Upon your acceptance to receive electronic notifications, all required notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you during the course of our relationship with you will be provided electronically through the DocuSign system. All of the required documents will be provided to you at the address that you have given us.

### **How to contact Anoka County:**

You may change your preferred method of contact whether electronically, or paper copies, or change your email address. You may also request paper copies of certain information from us, or withdraw your prior consent to receive documents. Please use the contact information below for your request and in the body of your correspondence, identify your desired action. If you are

changing an email address, please include your prior email address as well as your new address. If you no longer wish to receive future documents in electronic format, please include that request in the body of your email.

Email: helpdesk@co.anoka.mn.us

Phone: (763)-324-4110

Address: Anoka County Government Center  
Attn: Information Technology, #300  
2100 3rd Avenue  
Anoka, MN 55303

### **Required hardware and software**

The minimum system requirements for using the DocuSign system may change over time. The current system requirements are found here: <https://support.docusign.com/guides/signer-guide-signing-system-requirements>.

### **ACKNOWLEDGEMENT**

To confirm your access to the electronic notices and disclosures, which will be similar to other electronic notices and disclosures that we may provide to you, please acknowledge that you have read this ERSD by selecting the check-box next to 'I agree to use electronic records and signatures' before clicking 'CONTINUE' within the DocuSign system.

By selecting the check-box next to 'I agree to use electronic records and signatures', you confirm that:

- You can access and read this Electronic Record and Signature Disclosure; and
- You can print this Electronic Record and Signature Disclosure, or save or send this Electronic Record and Disclosure to a location where you can print it, for future reference and access; and
- Until or unless you notify Anoka County as described above, you consent to receive exclusively through electronic means all notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you by Anoka County during the course of your relationship with Anoka County.