



**CITY COUNCIL AGENDA
MONDAY, APRIL 2, 2018
7:00 P.M.**

1. CALL TO ORDER
2. ROLL CALL
3. PLEDGE OF ALLEGIANCE
4. ADDITIONS OR CORRECTIONS TO AGENDA
5. DISCUSSION FROM THE FLOOR
6. **CONSENT AGENDA:**
 - A. Approval of Temporary Liquor License for Spring Lake Park Lions Club
 - B. Approval of Resolution 18-12 Denying Therapeutic Massage Individual License
 - C. Sign Permit
 - D. Contractor's Licenses
 - E. Correspondence
7. PUBLIC HEARING
 - A. Hearing on Proposed Reassessment for 2015 Arthur Street Improvements
8. PUBLIC WORKS REPORT
9. CODE ENFORCEMENT REPORT
10. ORDINANCES AND/OR RESOLUTIONS
 - A. Resolution 18-10 Conditionally Granting Site Plan Approval for Construction of a New Indoor Climate Controlled Storage Facility at 7807 Highway 65 NE
 - B. Resolution 18-11 Adopting Reassessment of Spring Lake Terrace Property for the 2014-2015 Street Improvement Project
11. ENGINEER'S REPORT
12. ATTORNEY'S REPORT
13. REPORTS
 - A. Beyond the Yellow Ribbon Report
14. OTHER
 - A. Administrator Reports
15. ADJOURN

**SEE REVERSE SIDE FOR RULES FOR PUBLIC HEARINGS AND
DISCUSSION FROM THE FLOOR**

RULES FOR DISCUSSION FROM THE FLOOR AND PUBLIC HEARINGS

DISCUSSION FROM THE FLOOR

- Discussion from the floor is limited to three minutes per person. Longer presentations must be scheduled through the Administrator, Clerk/Treasurer's office.
- Individuals wishing to be heard must sign in with their name and address. Meetings are video recorded so individuals must approach the podium and speak clearly into the microphone.
- Council action or discussion should not be expected during "Discussion from the Floor." Council may direct staff to research the matter further or take the matter under advisement for action at the next regularly scheduled meeting.

PUBLIC HEARINGS

The purpose of a public hearing is to allow the City Council to receive citizen input on a proposed project. This is not a time to debate the issue.

The following format will be used to conduct the hearing:

- The presenter will have a maximum of 10 minutes to explain the project as proposed.
- Councilmembers will have the opportunity to ask questions or comment on the proposal.
- Citizens will then have an opportunity to ask questions and/or comment on the project. Those wishing to comment are asked to limit their comments to 3 minutes. In cases where there is a spokesperson representing a group wishing to have their collective opinions voiced, the spokesperson should identify the audience group he/she is representing and may have a maximum of 10 minutes to express the views of the group.
- People wishing to comment are asked to keep their comments succinct and specific.
- Following public input, Councilmembers will have a second opportunity to ask questions of the presenter and/or citizens.
- After everyone wishing to address the subject of the hearing has done so, the Mayor will close the public hearing.
- The City Council may choose to take official action on the proposal or defer action until the next regularly scheduled Council meeting. No further public input will be received at that time.



Minnesota Department of Public Safety
Alcohol and Gambling Enforcement Division
 445 Minnesota Street, Suite 222, St. Paul, MN 55101
 651-201-7500 Fax 651-297-5259 TTY 651-282-6555
APPLICATION AND PERMIT FOR A 1 DAY
TO 4 DAY TEMPORARY ON-SALE LIQUOR LICENSE

Name of organization Spring Lake Park Lions Club	Date organized August 28, 1956	Tax exempt number
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Address P.O. Box 32955	City Spring Lake Park	State Minnesota	Zip Code 55432-0955
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Name of person making application Harold "Hal" Hinchliffe	Business phone N/A	Home phone 763-780-4842
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Date(s) of event June 10, 2018	Type of organization <input checked="" type="checkbox"/> Club <input type="checkbox"/> Charitable <input type="checkbox"/> Religious <input type="checkbox"/> Other non-profit
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Organization officer's name James Kugler (President), 8140 Terrace Road NE	City Spring Lake Park	State Minnesota	Zip Code 55432
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Organization officer's name Shelly Barrett (1st Vice President), 475 Manor Drive NE	City Spring Lake Park	State Minnesota	Zip Code 55432
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Organization officer's name Peter Yelle (2nd Vice President), 12979 Martin St NW	City Coon Rapids	State Minnesota	Zip Code 55448
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Organization officer's name Leroy Stanislawski (3rd Vice President), 752 - 113th Circle NE	City Blaine	State Minnesota	Zip Code 55434
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Location where permit will be used. If an outdoor area, describe.
Lions Lakeside Park

If the applicant will contract for intoxicating liquor service give the name and address of the liquor license providing the service.

If the applicant will carry liquor liability insurance please provide the carrier's name and amount of coverage.

West Bend Mutual Insurance \$1,000,000.00

APPROVAL

APPLICATION MUST BE APPROVED BY CITY OR COUNTY BEFORE SUBMITTING TO ALCOHOL AND GAMBLING ENFORCEMENT

City or County approving the license	Date Approved
Fee Amount	Permit Date
Date Fee Paid	City or County E-mail Address
	City or County Phone Number

Signature City Clerk or County Official	Approved Director Alcohol and Gambling Enforcement
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CLERKS NOTICE: Submit this form to Alcohol and Gambling Enforcement Division 30 days prior to event.

ONE SUBMISSION PER EMAIL, APPLICATION ONLY.
PLEASE PROVIDE A VALID E-MAIL ADDRESS FOR THE CITY/COUNTY AS ALL TEMPORARY PERMIT APPROVALS WILL BE SENT BACK VIA EMAIL. E-MAIL THE APPLICATION SIGNED BY CITY/COUNTY TO AGE.TEMPORARYAPPLICATION@STATE.MN.US



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
5/18/2017

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 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).

PRODUCER West Bend Mutual Insurance Company 1900 South 18th Avenue West Bend WI 53095	CONTACT NAME: Customer Care Center PHONE (A/C, No. Ext): (866) 926-4244 FAX (A/C, No): (262) 365-2200 E-MAIL ADDRESS: customercare@wbmi.com	
	INSURER(S) AFFORDING COVERAGE NAIC # INSURER A: West Bend Mutual Insurance Company 15350 INSURER B: _____ INSURER C: _____ INSURER D: _____ INSURER E: _____ INSURER F: _____	
INSURED Spring Lake Park Lions Club 8433 Center Dr NE Spring Lk Pk MN 55432-1309		

COVERAGES **CERTIFICATE NUMBER:** CL1751824395 **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"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER: _____			A169473	6/30/2017	6/30/2018	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ _____ PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 FUNGI \$ 50,000
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ _____ BODILY INJURY (Per person) \$ _____ BODILY INJURY (Per accident) \$ _____ PROPERTY DAMAGE (Per accident) \$ _____ \$ _____
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ _____ AGGREGATE \$ _____ \$ _____
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ _____ E.L. DISEASE - EA EMPLOYEE \$ _____ E.L. DISEASE - POLICY LIMIT \$ _____
A	Liquor Liability			A169483	6/30/2017	6/30/2018	Each Loss 1,000,000 Aggregate 1,000,000

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

City of Spring Lake Park is listed as additional insured under the liquor liability per form NS0280

CERTIFICATE HOLDER City of Spring Lake Park 1301 81st Ave NE Spring Lake Park, MN 55432	CANCELLATION 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 T Wesley-Beckley/TANY

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RESOLUTION NO. 18-12

RESOLUTION DENYING THERAPEUTIC MASSAGE INDIVIDUAL LICENSE

WHEREAS, Hongqin Dong (the “Applicant”) has submitted an application for a therapeutic massage individual license; and

WHEREAS, a background check was completed on the applicant; and

WHEREAS, the City Council finds that the applicant does not qualify for a therapeutic massage individual license under Section 119.09 of the City Code due to the fact that the background check found that the individual provided untrue and incorrect information on the application causing name confusion and untrue information regarding references.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Spring Lake Park that the City Council does hereby deny the therapeutic massage individual license application for Hongqin Dong.

The foregoing Resolution was moved for adoption by .

Upon Vote being taken thereon, the following voted in favor thereof:

And the following voted against the same:

Whereon the Mayor declared said Resolution duly passed and adopted the 2nd day of April, 2018.

APPROVED BY:

Cindy Hansen, Mayor

ATTEST:

Daniel R. Buchholtz, City Administrator

City of Spring Lake Park
1301 81st Avenue NE
Spring Lake Park, MN 55432

Sign Permit

April 2, 2018

Sign Permit

Beavo Dollar Store -Approval Contingent on Property Owner Authorization Letter

8169 University Avenue NE

Veo Sign LLC.



CITY OF SPRING LAKE PARK
1301 81st Avenue NE
Spring Lake Park, MN 55432
763-784-6491

Sign Permit Application

DATE: 03-21-2018
NAME OF APPLICANT: Vatsana Maamanyvanh
ADDRESS OF APPLICANT: (Veo Sign LLC) 6353 Martin Ave. Ne. Otsego, MN 55301
TELEPHONE NUMBER OF APPLICANT: 612-743-8468
NAME OF BUSINESS AND LOCATION of building structure, or lot to which or upon which the sign is to be attached or erected: 'BEAVO DOLLAR STORE' 8169 University Ave. Ne. Spring Lake Park, MN 55432

New Construction: X Remodel: Word Change Only:

Attach a drawing or sketch showing the position of the sign in relation to the nearest building, structures, public streets, right-of-way and property lines. Said drawing to be prepared to scale.

Attach two (2) blueprints or ink drawings of the plans and specifications and method of construction or attachment to the building or in the ground, including all dimensions. Show location of all light sources, wattage, type and color of lights and details of light shields or shades.

Attach a copy of stress sheets and calculations showing the structure is designed for dead load and wind velocity in the amount required by this and all other Ordinances of the City, if requested by the Building Inspection Department.

Name of person, firm or corporation erecting the structure: Vatsana Maamanyvanh

Address: (Veo Sign LLC) 6353 Martin Ave. Ne. Otsego, MN 55301

Is an Electrical Permit required? No. The power source is already in place for the store front signages.

- I, the undersigned applicant, do further make the following agreement with the City of Spring Lake Park Mn: 1) To authorize and direct the City of Spring Lake Park to remove and dispose of any signs and sign structures on which a Permit has been - issued but which was not renewed, if the owner does not remove the same within thirty (30) days following the expiration of the Permit. 2) To authorize and direct the City of Spring Lake Park to remove said sign and sign structure, at the expense of the applicant, where maintenance is not furnished, but only after a hearing and after notice of sixty (60) days, specifying the maintenance required by the City. 3) To provide any other additional information which may be required by the Building Inspection Department.

Signature of Vatsana Maamanyvanh
SIGNATURE OF APPLICANT

FOR OFFICE USE ONLY:*****

FEE: 75+75 = 150

RECEIPT NUMBER:

DATE OF APPROVAL: DATE OF ISSUE:

REASON FOR DENIAL:

ADDITIONAL REQUIREMENTS FOR SIGN PERMIT:

SQUARE FOOTAGE OF FRONT OF BUILDING: 21,852 sq ft

SQUARE FOOTAGE OF ALL EXISTING SIGNS: 1950 sq ft

SQUARE FOOTAGE OF PROPOSED SIGN OR SIGNS: 11 sq ft + 4 sq ft = 15 sq ft

INCLUDE A DRAWING SHOWING LOCATION AND MESSAGE ON SIGN.

IF YOU ARE NOT THE OWNER OF THE PROPERTY, INCLUDE A SIGNED LETTER FROM THE OWNER GIVING PERMISSION TO ERECT THE SIGN.

NOTE: ALL APPLICATIONS ARE DUE BY NOON ON THE TUESDAY PRECEEDING THE COUNCIL MEETING.

DRAWING:

Proposed
11 sq ft - \$75
4 sq ft - \$75

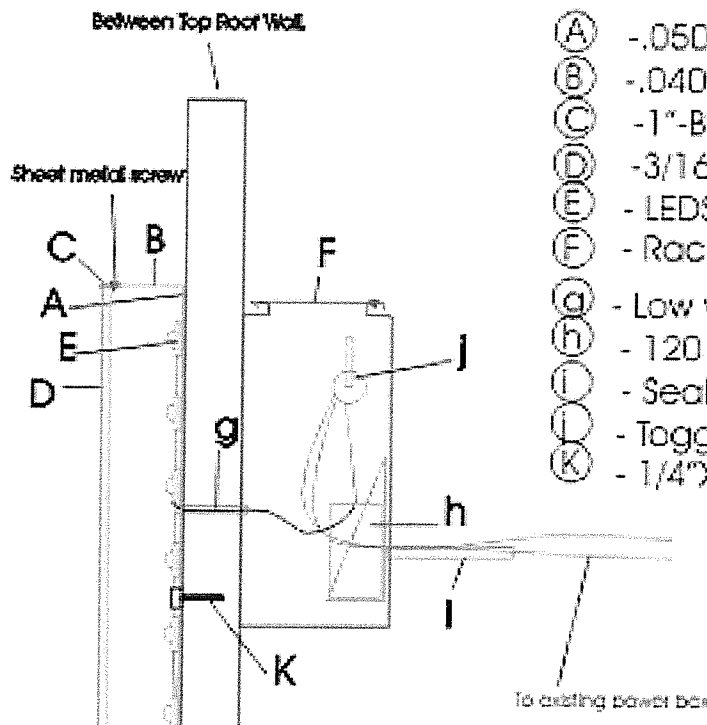
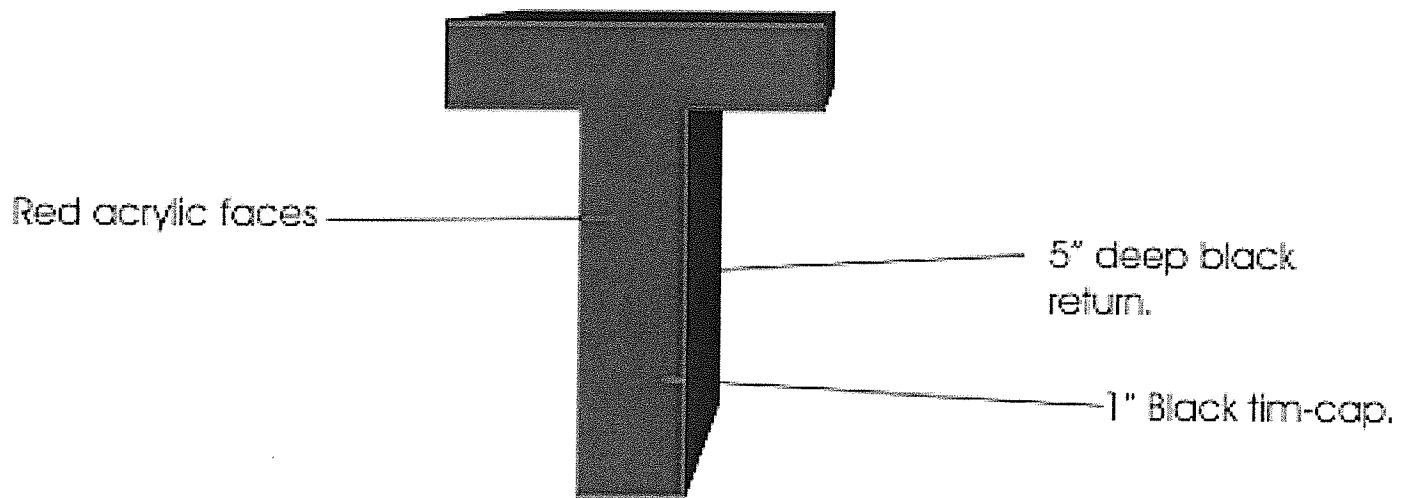
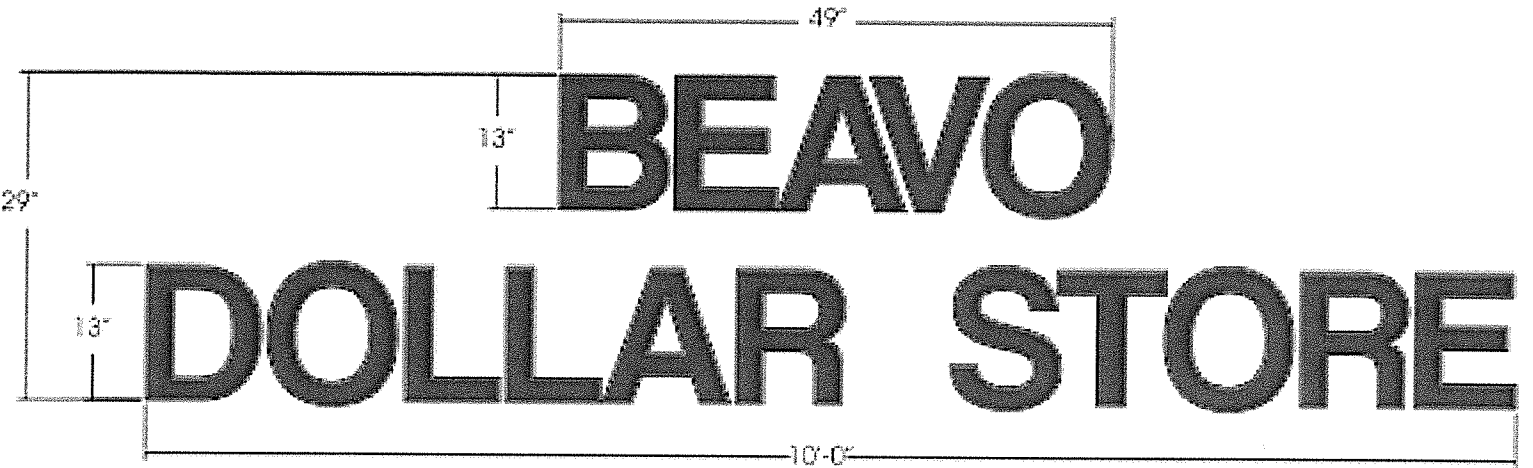
\$150

6556 sq ft - 30%
1950 sq ft - Existing
15 sq ft proposed

4591 sq ft Remaining

Spring Lake Park, MN 55432

Internal lit leds
wall flush mount signage



- (A) -.050 Aluminum back.
- (B) -.040 5" deep Black- return.
- (C) -1"-Black trim-cap.
- (D) -3/16" Red acrylic face.
- (E) - LEDS
- (F) - Raceway system.
- (g) - Low volts wire.
- (h) - 120 volts transformer 12volts output.
- (I) - Seal tight conduit.
- (L) - Toggle switch.
- (K) - 1/4"X3" Long Mounting studs.

DRAWING DETAILS:

SCALE: NO SCALE

AS SHOWN

Location:

8169 University Ave. Ne

Spring Lake Park, MN 55432

Internal lit leds

wall flush mount signage



City of Spring Lake Park
1301 81st Avenue NE
Spring Lake Park, MN 55432

Contractor's License

April 2, 2018

2017-2018 Contractors

Plumbing Contractors

Hugo Plumbing, Inc.

M&S Plumbing, Inc.

Pipe Dream Plumbing

2018-2019 Contractors

Blacktopping Contractors

C & S Blacktopping, inc

General Contractor

Classic Construction

McGough Construction Co., LLC.

OC Mechanical, Inc.

Phone Jacks Unlimited, Inc. dba Allarea Contractors, Inc.

Mechanical Contractors

A-ABC Appliance & Heating, Inc.

Air Mechanical

Bonfe's Plumbing, Heating & Air

Centraire Heating & AC

Fireside Hearth & Home

Hoffman Refrigeration & Heating

K & S Heating A/C & Plumbing

Klamm Mechanical Contractors, Inc.

McQuillan Bros Plumbing

MN Plumbing & Appliance

PB Services, LLC

Pronto Heating & Air

City of Spring Lake Park
1301 81st Avenue NE
Spring Lake Park, MN 55432

Contractor's License

April 2, 2018

Plumbing Contractors

Air Mechanical	Bonfe's Plumbing & Heating & Air
Centraire Heating & A/C	Century Plumbing, Inc.
Erickson Plumbing, Heating and Air	Hugo Plumbing, Inc.
Jerry's Plumbing, Inc.	K & S Heating A/C and Plumbing
Klamm Mechanical Contractors, Inc	McQuillan Bros Plumbing
MN Plumbing & Appliance	M & S Plumbing, Inc.
Pipe Dream Plumbing	Rick's Plumbing, Inc.

Tree Contractors

A to Z Tree Care, LLC.	Jeff Hoheisel Professional Tree Care
Maxium Tree Service & Landscape LLC	Rainbow Tree Care
S & S tree & Horticultural Specialists	Sav A Tree
Simmons Tree & Landscape, LLC.	Steve's Quality Tree Service

The Code Enforcement Report will be distributed at the meeting.

RESOLUTION NO. 18-10

A RESOLUTION CONDITIONALLY GRANTING SITE PLAN APPROVAL FOR CONSTRUCTION OF A NEW INDOOR CLIMATE-CONTROLLED STORAGE FACILITY AT 7807 HIGHWAY 65 NE, SPRING LAKE PARK

WHEREAS, Public Storage has operated a self-service storage facility at 7807 Highway 65 NE since the 1980's and received approval in the 2000's for an expansion of the facility; and

WHEREAS, Public Storage is seeking to redevelop a portion of the site to replace an outdated storage facility with a new indoor climate-controlled storage facility to serve the their customers in the community; and

WHEREAS, the site is currently zoned I-1, Light Industrial and the self-service storage facility is consistent with existing zoning as an industrial warehousing use; and

WHEREAS, City staff has reviewed the site plan application against the site plan review criteria outlined in §153.060 of the Spring Lake Park Code of Ordinance and has recommended approval, subject to conditions; and

WHEREAS, at its March 19, 2018 meeting, the City Council duly considered the proposed site plan in accordance with §153.060 of the Spring Lake Park Code of Ordinance and City staff's recommendation.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF SPRING LAKE PARK, MINNESOTA, that the City Council does hereby grant site plan approval to Public Storage for construction of a new indoor climate controlled storage facility at 7807 Highway 65 NE, subject to the following conditions:

1. The applicant will submit a formal plat for the property as part of the development approval process. The plat shall include all existing easements as well as new drainage and utility easements over the onsite storm water ponding area and water main.
2. The applicant will work with the Fire Chief to determine the location of fire hydrants on the site, the location of overhead power lines on the site and the width of the driveway access and gate area.
3. The applicant will work with the Police Chief to provide adequate emergency services to the facility, develop a security video system and provide ample exterior and interior lighting.
4. The applicant shall provide an access key or access code for the Public Works Director to have access to the site.
5. The applicant will update the grading plan with a note advising the contractor of the location of the existing in-place sanitary sewer and calling for protecting the in-place piping and structures.
6. The applicant will operate and maintain the storm water pond as private property.

7. The applicant will obtain all necessary permits from the Minnesota Department of Health, the Minnesota Pollution Control Agency, and the Rice Creek Watershed District.
8. Final site construction plans shall be approved by the City Engineer and the Public Works Director.
9. The applicant will adhere to all city codes and ordinances, as well as the comments identified in the Stantec staff memorandum dated March 13, 2018.

The foregoing Resolution was moved for adoption by.

Upon Vote being taken thereon, the following voted in favor thereof:

And the following voted against the same:

Whereon the Mayor declared said Resolution duly passed and adopted the 19th day of March, 2018.

APPROVED BY:

Cindy Hansen, Mayor

ATTEST:

Daniel R. Buchholtz, City Administrator

To:	Dan Buchholtz City of Spring Lake Park	From:	Katrina Nygaard Stantec
File:	Public Storage Site Plan Review	Date:	March 27, 2018

Reference: Public Storage | 7807 Highway 65 Northeast

PUBLIC STORAGE SITE PLAN REVIEW

Public Storage currently operates a mini storage facility at 7807 Highway 65 Northeast in Spring Lake Park. The site is currently zoned I-1: Light Industrial and guided commercial in the City’s 2030 Comprehensive Plan. The public storage facility is consistent with existing zoning as an industrial warehousing use.

The Public Storage facility has been operating since the 1980s, with an expansion in the 2000s. The property owner intends to complete renovations to modernize the facility. These renovations will create a new indoor-climate controlled storage facility, up-to-date with customer needs in the area. This memorandum addresses site history and existing conditions and regulations to evaluate the proposed changes to the Public Storage Site.



2000 PERMIT APPLICATION

In spring of 2000, Public Storage submitted a special use permit (term changed to “conditional use permit” in the recently revised zoning ordinance; same meaning) application to construct a mini storage facility in Spring Lake Park. After review by city staff and Planning Commission, the application went to the City Council for approval. Concerns raised in the initial application included stormwater runoff, ponding, flood damage, and emergency water outlets. After two City Council meetings, the application was approved on May 1, 2000, with the following conditions:

1. Execution of a hold harmless agreement between the City and the property owner regarding the storm water pond.
2. No permit is to be issued until the engineer has approved the storm drainage calculations for the enlargement of the holding pond.

An analysis of stormwater runoff and drainage is also relevant in the current application and discussed in the engineering comments section of this memorandum.

Reference: Public Storage | 7807 Highway 65 Northeast

EXISTING ZONING AND REQUIREMENTS

The property is zoned I-1: Light Industrial. Within this district, permitted uses include manufacturing, warehousing, dry cleaning, offices, and research and development/laboratory uses. Self-storage is not explicitly identified in the ordinance as a permitted, accessory, or conditional use, however, the code states that storage, warehousing, or wholesaling businesses are permitted (§153.056 and Appendix D). Other uses similar to the permitted uses, but not specifically identified, are also allowed, provided they comply with regulations described in the Performance Standards outlined later in the code.

Other requirements for property in the I-1 district include:

- Must provide suitable open spaces, landscaping, and parking areas (§153.056).
- Must establish a high standard of appearance and controls for external effects (such as noise, smoke, and the like) (§153.056).
- If any yards are to be landscaped, they shall be landscaped attractively with lawns, trees, shrubs, and the like. Any areas left in a natural state shall be properly maintained in a sightly and well-kept condition (§153.058).
- Impervious surfaces shall not cover more than 75 % of any zoning lot located in the commercial or industrial districts. The remainder of the zoning lot shall be covered with turf grass, native grasses, perennial flowering plants, shrubs, trees or similar landscape material sufficient to prevent soil erosion, minimize off-site stormwater runoff, and encourage natural filtration function (§153.063)

As noted above, performance standards also apply to buildings within the Light Industrial District, as guided in §153.100. These standards regulate noise, odor, exterior lighting, glare, vibration, fumes and gases, smoke, dust, hazards, and visual impacts. The site plan review process implements these regulations to ensure that development is compatible with neighboring properties and that negative external impacts are minimized.

Site Plan Review Criteria

The City of Spring Lake Park's zoning ordinance also outlines site plan review criteria and application material for commercial and industrial properties. These criteria as well as information presented in the site plan review application are included below. Site plan review criteria is established in the City's code of ordinances §153.060.

- 1. Complete architectural plans showing the floor plans and elevation of the proposed buildings, and identification of the use of each structure;**
These plans are included in the application packet sheets A1.2 (floor plans) and A2.1 (elevations).
- 2. Complete plans and specifications for exterior wall finishes proposed for all principal and accessory buildings;**
Materials to be used for exteriors of the storage facilities are included in sheet A2.1.
- 3. Provision for off-street parking, vehicle storage, internal and external circulation, and supplementary traffic data in sufficient detail to calculate traffic generation, parking requirements;**
Proposed parking and circulation are illustrated in sheet C1.1.
- 4. The type and placement of signs, other than street name signs;**
Sign types and placement are included in sheet C1.1 (for traffic control signs) and A2.1 (for signs on building facades).
- 5. The type and location of firefighting facilities;**
Access and circulation as well as firefighting facilities are included in sheet C1.1. See Fire and Emergency Services comments below for more information and issues.
- 6. The nature and extent of cut and fill and degree of soil compaction, along with related engineering data;**

Reference: Public Storage | 7807 Highway 65 Northeast

Proposed erosion control measures and grading plans are illustrated on sheets C2.1, C3.1, and C3.2. More information and issues about erosion control is included in the engineering comments.

7. Plans and specifications for facilities for drainage of the lots, if any, and the sites, streets, highways, and alleys, including provisions of storm drainage, culverts, and appurtenant structures and reference to supplementary data for drainage;

A stormwater management plan, including existing and proposed storm sewers and drainage, is included in sheet C3.1. Additional comments regarding stormwater management are including in the engineering comments below.

8. Plans and specifications for distribution and service lines for water supply to the building site; wells or other sources of supply;

Utility information and proposed locations are included in sheet C4.1. Additional comments regarding utilities are included in the engineering comments below.

9. Plans and specifications for sewage and all liquid or solid waste storage and disposal facilities, including main and secondary collection lines and stub-offs from the secondary collection lines to the building site;

Utility information and proposed locations are included in sheet C4.1. Additional comments regarding utilities are included in the engineering comments below.

10. The type, placement, and number of traffic safety signs and traffic-control devices;

Traffic safety devices including signs, bollards, and roadway/parking lot markings are included in sheet C1.1.

11. The type, placement, and number of lighting devices for parking lot and building lighting, including height, wattage, direction of illumination, and expected light intensity;

The application includes a photometric plan which illustrates the location of lighting on site and calculated illumination levels that would be generated by proposed lighting features. The photometric plan is included in sheet C4.4.

12. Barricades and other safety devices;

Entryways, gates, fencing, and vehicle keypad gate details are included in sheet C1.4.

13. Complete landscaping and screening plans, including species and sizes of trees and shrubs proposed; and

Landscaping and planting plans are illustrated in sheet L1.1 and further described in sheet L1.2.

14. Complete plans for proposed sidewalks to service parking, recreation, and service areas.

Sidewalks and handicap accessible areas are illustrated in sheet C2.1. Additional comments regarding sidewalk requirements are listed in the engineering comments section below.

ENGINEERING COMMENTS

The City Engineer reviewed the site plan review application and identified issues to be resolved before construction. These issues include property, permits, water and stormwater, grading, and access and circulation. All comments are listed below.

- **Property:** A formal plat for the property shall be prepared and recorded as part of the development approval process. The plat shall include all existing easements as well as new drainage and utility easements over the onsite storm water ponding area and water main.
- **Permits:** The applicant shall be responsible for obtaining the necessary site permits including permits from the Minnesota Pollution Control Agency, Minnesota Department of Health, and Rice Creek Watershed District (RCWD).
- **Stormwater:**
 - The storm sewer and storm water management ponding on the site shall be considered private. Maintenance of the storm water facilities shall be the responsibility for the property owner. The developer shall provide a copy of the recorded RCWD Maintenance Agreement prior to the issuance of a building permit.
 - The applicant has proposed underground stormwater storage to manage water on the site. In general, city staff are not opposed to underground storage or other pond modifications to manage stormwater. The City will conduct any further detailed drainage or storm review of the Spring Lake Park Public Storage site after an initial

Reference: Public Storage | 7807 Highway 65 Northeast

- review is completed by the Rice Creek Watershed District, as the district requirements will likely influence the final design parameters.
- If the applicant opts to use an above-ground ponding system, storm sewer piping and FES sections discharging in or out of an above-ground pond shall be Reinforced Concrete Pipe. Roof drain piping may be PVC.
 - The 100-year storm ponding volume is fully contained within the basin boundary.
 - Include an emergency overflow for the detention basin that provides 2 feet of freeboard from the highwater level.
 - Confirm the use of liner in the detention basin.
 - The city defers to RCWD for review of volume control and water quality design and analysis.
 - The city reserves the right to review and comment updated and additional calculations.
- **Sanitary Sewer Service.** The proposed sanitary sewer service connection shall be made by core drilling into the existing sanitary manhole. Provide a water tight gasketed sleeve.
 - **Sanitary sewer manholes.** The frames, adjustment rings, and castings for the two sanitary sewer manholes within the site grading area shall be reset to finished grade. New adjustment rings and external infiltration chimney seals shall be provided. Existing frames and castings may be reused.
 - **Water Main.** Water main pipe shall be ductile Iron. Hydrants and valves shall be per City of Spring Lake Park standards.
 - **Water main.** Add valves at the two locations where connecting to existing mains for testing purposes.
 - **Record Plans.** Post construction Record Plans shall be provided showing the pond grading, storm sewer, and water main.
 - **Grading Plan.**
 - A note shall be added to the grading plan advising the contractor of the location of the existing in place sanitary sewer and calling for protecting the in place piping and structures.
 - Pond side slopes shall be restored with wood fiber blanket.
 - **Sidewalk.** Sidewalk grades shall meet current ADA requirements.
 - **City Public Works Department access.** The Spring Lake Park Public Works Director shall be supplied with an access key or access code for the site to facilitate City Public Works Department access to the site for emergencies and routine inspection of utilities and infrastructure.

The City Engineer noted that prior to construction, the applicant shall do the following:

- Final construction plans and specifications shall be approved by the City Engineer and City Public Works Director prior to construction.
- A Preconstruction conference shall be held prior to the start of any site work.

FIRE AND EMERGENCY SERVICES COMMENTS

Fire Department Comments

The SBMFD Fire Chief reviewed the site plan review application and identified issues to be resolved before construction. These issues address particular concerns for emergency services. All comments are listed below.

As shown in their application packet, the Public Storage site will feature:

- A fire apparatus access road will be provided to within 150 feet of all buildings, as shown on plan figures.
- A dead-end fire apparatus access road in excess of 150ft in length will be provided with an approved arc to turn around, as shown on plan figures.
- A fire apparatus access road will be provided to support 48,000-72,000 pounds, as shown on plan figures.
- Adequate parking and fire lanes will be provided, as shown on plan figures.
- Vehicle Gates will have Key Box (Knox Box FD) Control.

Reference: Public Storage | 7807 Highway 65 Northeast

The Fire Department also noted many unknown features of the site plan, due to difficulty reading the submitted PDFs. These unknown features must be addressed before construction.

- It is unknown whether the driveway width of fire apparatus roads will be less than 20 feet with the exception of approved security gates.
- It is unknown whether fire hydrants will be installed so that all exterior portions of the building shall be reached with hose not to exceed 500ft.
- It is unknown whether fire hydrants will be placed a maximum of 500ft apart as measured along an improved roadway section.
- It is unknown whether overhead power lines will have a clearance for fire apparatus.

Police Department Comments

The City Police Chief reviewed the site plan review application and identified issues to be resolved before construction. These issues address particular concerns for local law enforcement. All comments are listed below.

1. Ample Exterior/Interior Lighting (Possibly motion activated - interior).
2. Access to building by police/fire/code enforcement.
3. Security Video System to cover interior and exterior.
4. Be in compliance with city codes and ordinances.

RECOMMENDATIONS

We recommend that the site plan application be approved with the following conditions, based on the analysis provided by the City Engineer, Fire Chief, and Police Chief. These conditions include:

1. The applicant will submit a formal plat for the property as part of the development approval process. The plat shall include all existing easements as well as new drainage and utility easements over the onsite storm water ponding area and water main.
2. The applicant will work with the Fire Chief to determine the location of fire hydrants on the site, the location of overhead power lines on the site, and the width of the driveway access and gate area.
3. The applicant will work with the Police Chief to provide adequate emergency services to the facility, develop a security video system, and provide ample exterior and interior lighting.
4. The applicant shall provide an access key or access code for the Public Works Director to have access to the site.
5. The applicant will update the grading plan with a note advising the contractor of the location of the existing in place sanitary sewer and calling for protecting the in-place piping and structures.
6. The applicant will work with the Rice Creek Watershed District and the City Engineer to develop an underground storage system or above ground ponding system that appropriately manages stormwater to meet District and City standards.
7. The applicant will operate and maintain the stormwater pond as private property.
8. The applicant will obtain all necessary permits from the Minnesota Department of Health, the Minnesota Pollution Control Agency, and the Rice Creek Watershed District.
9. Final site construction plans shall be approved by the City Engineer and the Public Works Director.
10. The applicant will adhere to all city codes and ordinances, as well as the comments identified in this memorandum.

Property Description

Property description per First American Title Insurance Company Title Commitment Number NCS-865694-LA2

The South 455.0 feet of Lot 7, Auditor's Subdivision No. 124, Anoka County, Minnesota, lying East of the easterly right-of-way line of State Trunk Highway No. 65 and lying West of the East 480.0 feet, and excepting therefrom the South 325.0 feet of the West 295.0 feet of said Lot 7.

Notes

- 1) This survey was prepared using First American Title Insurance Company Title Commitment Number NCS-865694-LA2 having an effective date of September 19, 2017 at 7:30 A.M.
- 2) Subject property appears to be classified as Zone X when scaled from Flood Insurance Rate Map Community - Panel Number 27003C0401E dated November 4, 2016.
- 3) Subject property contains 286,707 sq. ft. or 6.582 acres
- 4) No zoning information provided by client at time of survey.
- 5) Subject property contains 97 total parking stalls, including 1 handicapped stalls.
- 6) The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities. (Gopher State One Call Ticket No. 172762319).
- 7) Adjoining owners shown per Anoka County parcel website.
- 8) Westwood Professional Services, Inc. was not provided adjoiner deeds.
- 9) The bearings shown on this survey are based on the Anoka County Coordinates N.A.D. 1983 (1986 adj.), US Survey feet and the vertical datum is N.A.V.D. 1988, contours shown at 1 foot intervals.
- 10) As of the date the field work was completed for this survey, there was no evidence of current earth moving work, exterior building construction or building additions.
- 11) Based on the information contained within title commitment listed above and a physical inspection of the subject property, the surveyor is not aware of any off site easements or servitudes other than shown hereon.

Title Exceptions

The following notes correspond to the numbering system of Schedule B, Section II of the above mentioned title commitment.

10. Limitations on access to Trunk Highway No. 65, as shown by the following:
 - a.) Final Certificate, dated June 20, 1960, recorded September 23, 1960, as Document No. 214588, in Book 492 of Misc. on Page 447. (AS SHOWN)
 - b.) Minnesota Department of Transportation Right of Way Plat No. 02-34, recorded October 10, 2012, as Document No. 2040756.001. (AS SHOWN)
11. Easement for roadway purposes, as reserved in the Warranty Deed dated February 29, 1980, recorded March 11, 1980, as Document No. 545803.
- As assigned to the City of Spring Lake Park, a Minnesota municipal corporation, by Assignment of Easement dated March 14, 1988, recorded June 28, 1988, as Document No. 812745. (AS SHOWN)
12. Terms, conditions and agreements of the Restated Parking Easement contained in the instrument dated April 11, 1985, recorded April 23, 1985, as Document No. 671871. (AS SHOWN)
13. Easement for purposes of sewer line, storm water pump drain and water main, together with the rights incidental thereto, as contained in the Restated Sewer Line Easement dated April 11, 1985, recorded April 23, 1985, as Document No. 671872. (AS SHOWN)
14. Easement for sanitary sewer purposes in favor of the Village of Spring Lake Park, a Municipal corporation, together with any rights incidental thereto, as described and contained in the Certificate dated November 30, 1966, recorded November 30, 1966, as Document No. 293320, in Book 736 of Misc. on Page 207. (AS SHOWN)

Legend

	BUSH/SHRUB		STORM MANHOLE
	CONIFEROUS TREE		TELEPHONE BOX
	DECIDUOUS TREE		TELEPHONE MANHOLE
	WETLAND		TRAFFIC CONTROL BOX
	STEEL/WOOD POST		HAND HOLE
	SIGN-TRAFFIC/OTHER		TRAFFIC LIGHT
	SIGN-TRAFFIC/OTHER		GATE VALVE
	MAIL BOX		HYDRANT
	HANDICAPPED STALL		WATER METER
	PERC TEST		CURB STOP BOX
	MONITORING WELL		WATER MANHOLE
	CABLE TV BOX		WELL
	GAS METER		CABLE TV
	STREET LITE		GAS LINE
	GUY WIRE		POWER OVERHEAD
	POWER POLE		POWER UNDERGROUND
	ELECTRIC BOX		SANITARY SEWER
	ELECTRIC METER		STORM SEWER
	ELECTRIC MANHOLE		TELEPHONE OVERHEAD
	ELECTRIC TOWER		TELEPHONE UNDERGROUND
	SANITARY MANHOLE		WATERMAIN
	SEWER CLEANOUT		FIBER OPTIC LINE
	BEEHIVE CATCH BASIN		ACCESS CONTROL
	CATCH BASIN		FENCE LINE
	FLARED END SECTION		DECIDUOUS TREE LINE
	CULVERT		CONIFEROUS TREE LINE
	CONCRETE SURFACE		CURB & GUTTER
	SAND SURFACE		BITUMINOUS SURFACE

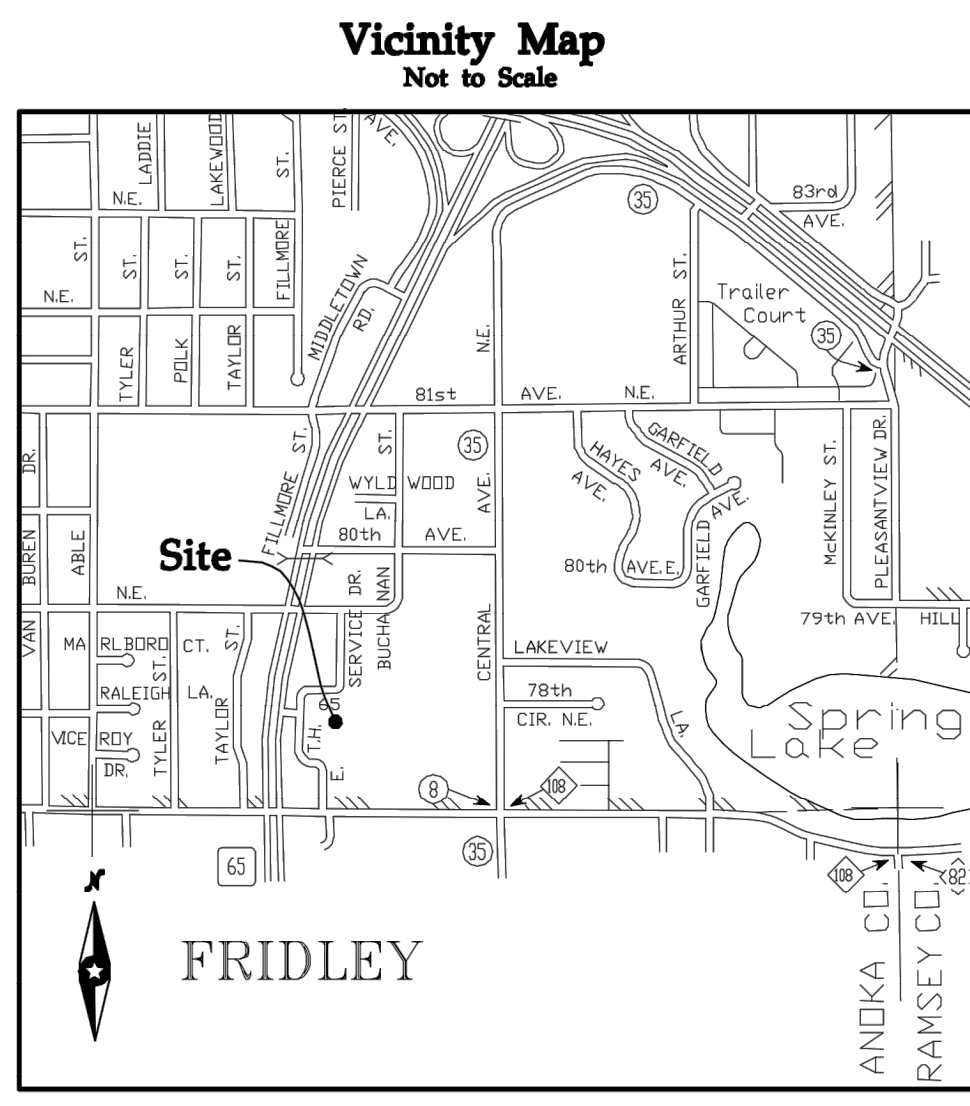
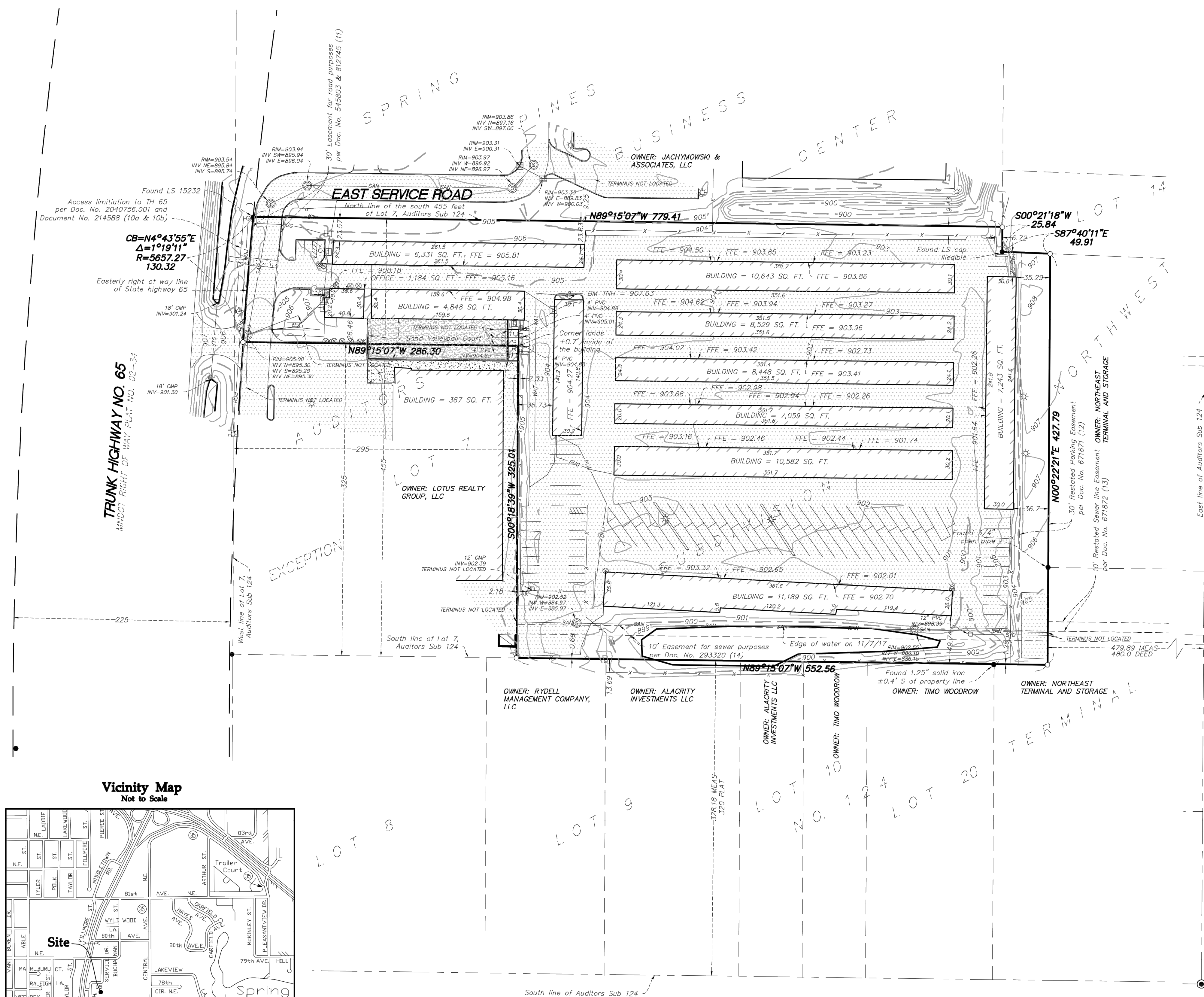
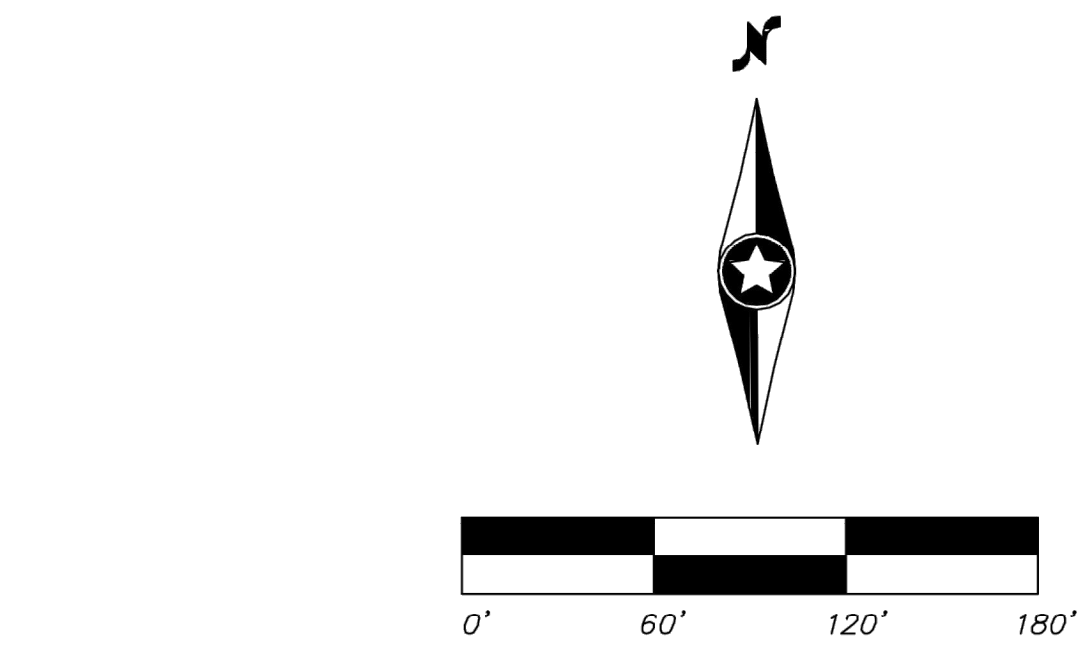
- Denotes set 1/2"x1/4" Iron Pipe marked with Plastic Cap inscribed with Lic. No. 45873, unless otherwise noted.
- Denotes Iron Monument Found as noted.
- ⊙ Denotes Cast Iron Monument

Surveyor's Certificate

To Galloway, Secure Mini Storage Limited Partnership, a Minnesota limited partnership and First American Title Insurance Company:

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1, 2, 3, 4, 5, 7(a)(b1), 8, 9, 11, 13, 14, 16, and 19 of Table A thereof. The fieldwork was completed on November 7, 2017.

Nathan Carlson
 Minnesota License No. 45873
 nate.carlson@westwoods.com
 11/9/17
 Date



Revisions

12/13/17 - Added field located culvert to the pond
--

Crew:	JWF
Checked:	NHC
Drawn:	DCW
Record Drawing by/date:	

Prepared for:

Galloway
 6162 S. Willow Drive, Suite 320
 Greenwood Village, CO 80111

7807 Highway 65 Northeast
 Spring Lake Park, Minnesota

Date: 11/9/17 Sheet: 1 OF 1
 001.3211.04A1.T01.dwg



**PUBLIC STORAGE
 CIVIL CONSTRUCTION DRAWINGS**

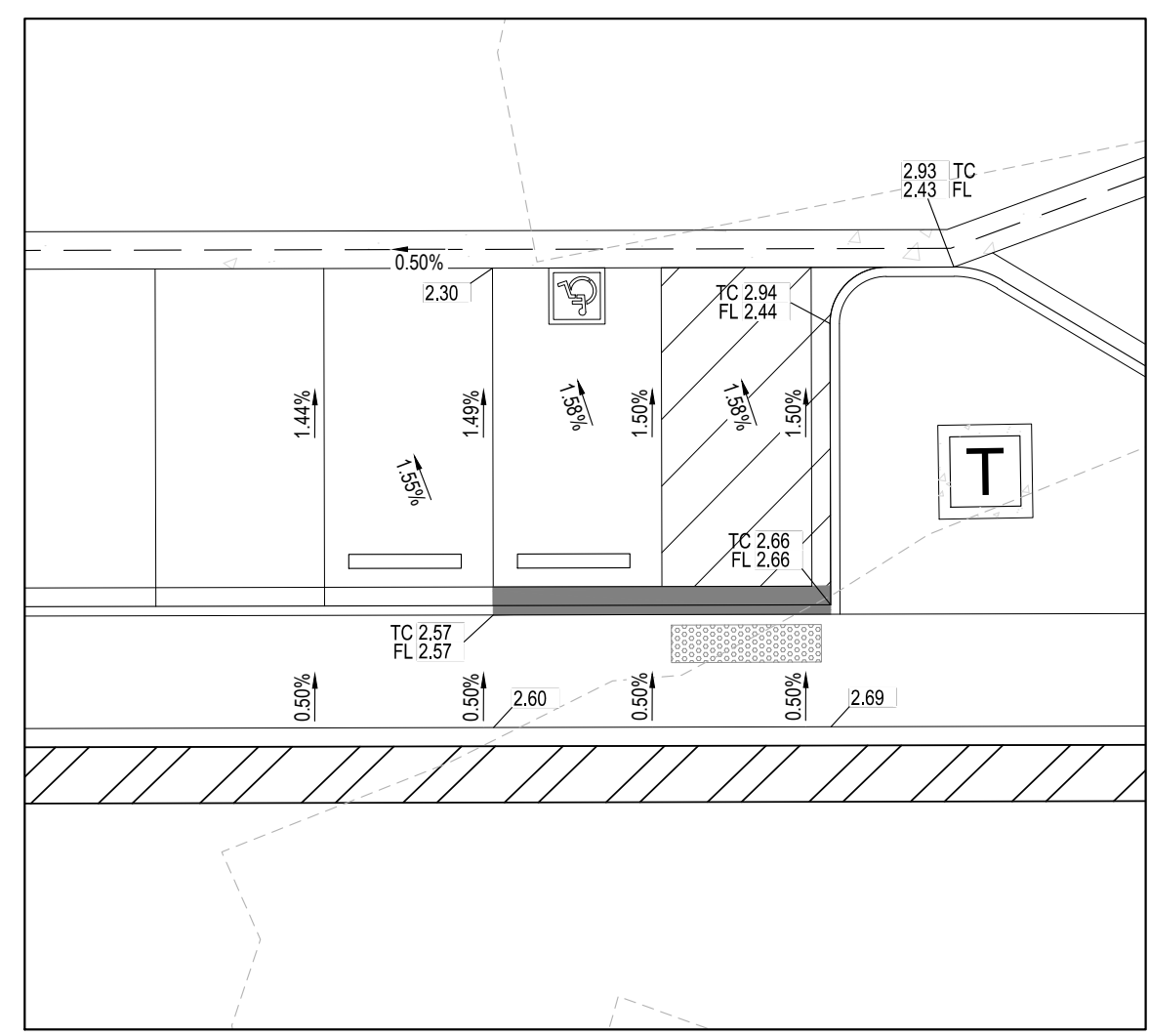
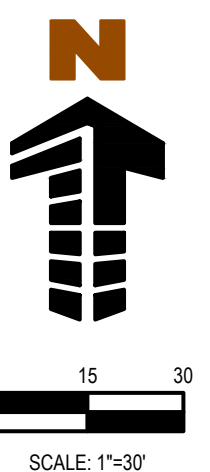
7807 HIGHWAY 65 NORTH EAST
 SPRING LAKE PARK, MINNESOTA

#	Date	Issue / Description	Int.
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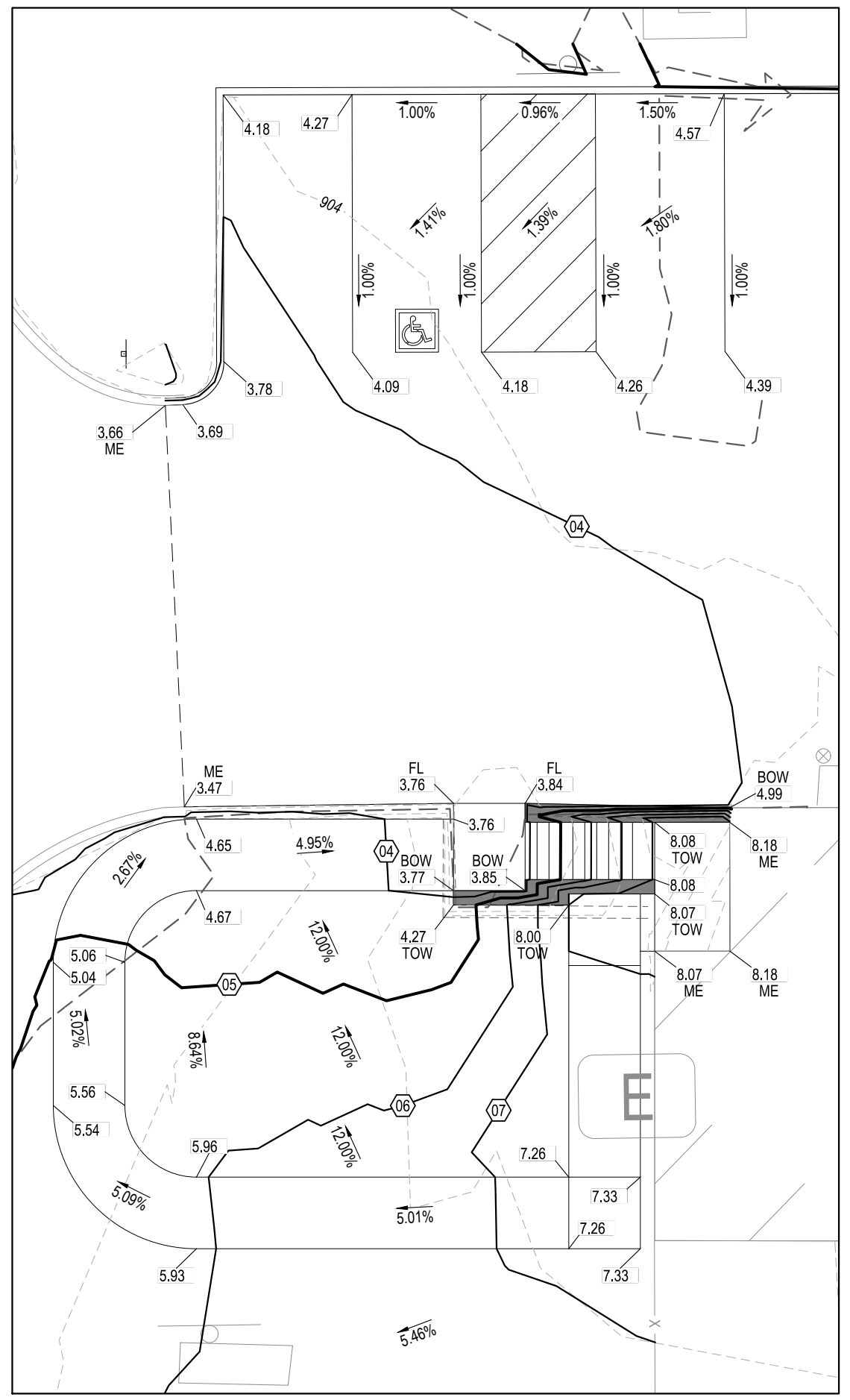
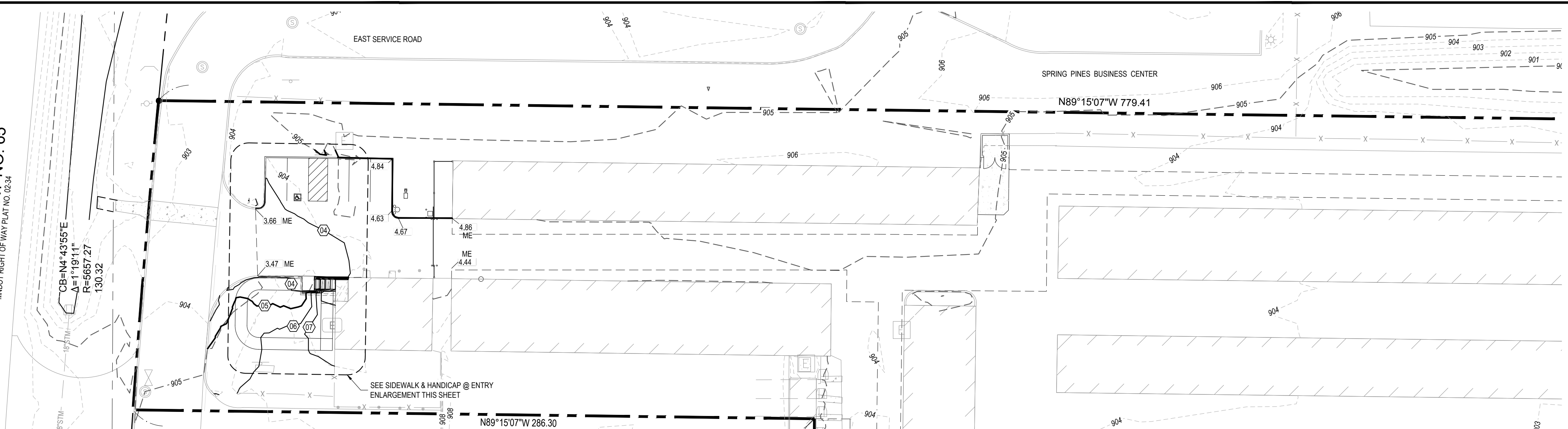
Project No:	PS0000048
Drawn By:	EVR
Checked By:	PMG
Date:	03/01/18

GRADING PLAN

C2.1
 Sheet 7 of 20



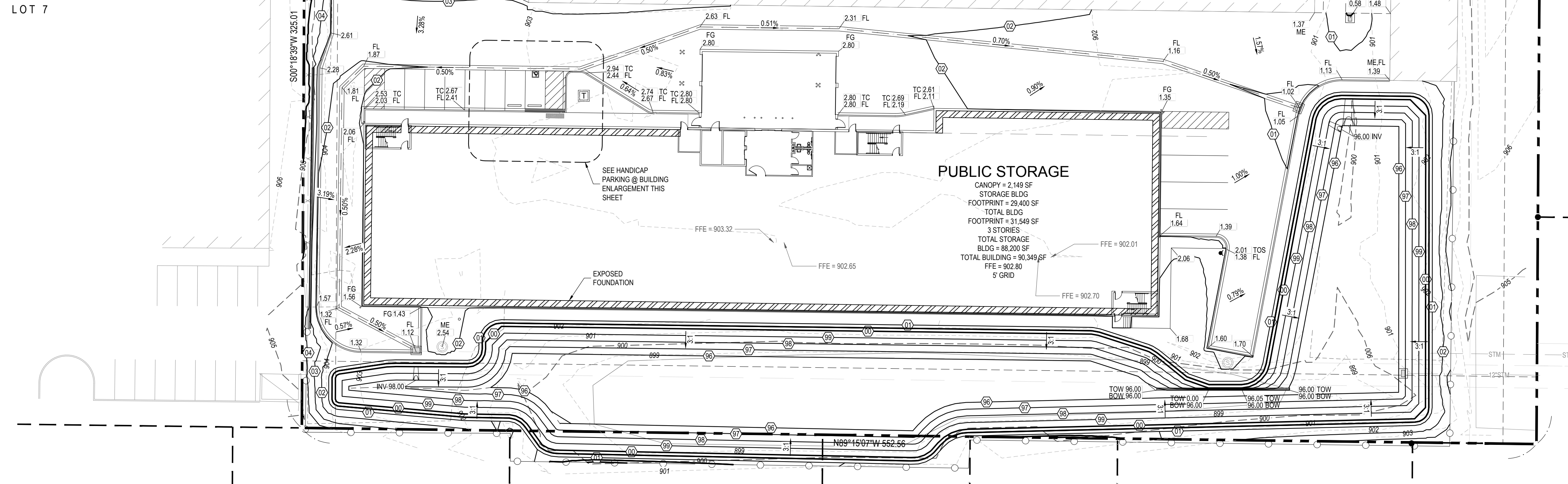
HANDICAP PARKING @ BUILDING ENLARGEMENT
 SCALE: 1" = 10'



SideWalk & Handicap @ Entry Enlargement
 SCALE: 1" = 10'

SITE LEGEND		GRADING LEGEND	
---	PROPERTY BOUNDARY LINE	350	EXISTING MINOR CONTOUR
---	RIGHT-OF-WAY LINE	380	EXISTING MAJOR CONTOUR
---	ADJACENT PROPERTY BOUNDARY LINE	⊙	PROPOSED MINOR CONTOUR
---	SETBACK LINE	⊙	PROPOSED MAJOR CONTOUR
---	PROPOSED EASEMENT	④	PROPOSED SPOT ELEVATION
---	EXISTING CURB AND GUTTER	⊙	PROPOSED CATCH CURB AND GUTTER
---	PROPOSED CURB AND GUTTER	⊙	PROPOSED SPILL CURB AND GUTTER
---	PROPOSED DEPRESSED CURB AND GUTTER	⊙	TRANSITION FROM CATCH TO SPILL
---	PROPOSED BUILDING	FFE	FINISHED FLOOR ELEVATION
---	PROPOSED SWALE	FL	FLOWLINE
⊠	PARKING COUNT	FG	FINISHED GRADE
---	PROPOSED CONCRETE PAVING	LP	LIP OF CURB
---	PROPOSED HEAVY DUTY CONCRETE PAVING	CO	CURB OPENING
---	PROPOSED STANDARD DUTY ASPHALT PAVING	BC	BACK OF CURB
---	PROPOSED HEAVY DUTY ASPHALT PAVING	TG	TOP OF GRATE
---	EXISTING FENCE	TS	TOP OF STEP
---	PROPOSED FENCE	BS	BOTTOM OF STEP
---	EXISTING WALL	GB	GRADE BREAK
---	PROPOSED WALL	12"STM	EXISTING STORM SEWER
---	PROPOSED GUARDRAIL	---	PROPOSED STORM SEWER
---	PROPOSED HANDRAIL		
---	EXISTING SIGN		
---	PROPOSED SIGN		
---	PROPOSED FIRE HYDRANT		

LOT 7



GRADING NOTES

- REQUIREMENTS SHOWN ON SITE PLAN SHALL GOVERN DRAWINGS AND SPECIFICATIONS SHOWING OTHERWISE NOTWITHSTANDING. CONTRACTOR TO POINT OUT ANY DISCREPANCIES TO THE OWNERS REPRESENTATIVE PRIOR TO BID.
- NO WORK IS TO BEGIN UNTIL ALL PERMITS HAVE BEEN OBTAINED.
- FINAL GRADES ARE SUBJECT TO MINOR CHANGE BY COMPANY REPRESENTATIVE. NO GRADE CHANGES IN EXCESS OF 0.05' WITHOUT COMPANY APPROVAL. ANY CHANGES ARE SUBJECT TO ARAPAHOE COUNTY APPROVAL.
- THIS DESIGN IS BASED ON A SOIL AND FOUNDATION INVESTIGATION. A COPY OF THIS REPORT IS AVAILABLE FOR INSPECTION BY THE CONTRACTORS.
- ALL LANDSCAPING AREAS SHALL BE GRADED 0.10' WITH COMPANY APPROVED TOP SOIL TO A MINIMUM 6" DEPTH.
- ALL SPOT GRADES SHOWN ARE TO FLOWLINE UNLESS OTHERWISE NOTED.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MINIMIZING DEPOSITION OF ONSITE SEDIMENTS ONTO SURROUNDING PUBLIC STREETS DURING CONSTRUCTION. REFER TO EROSION CONTROL PLANS AND DETAILS FOR INFORMATION.
- GENERAL CONTRACTOR TO PROVIDE BARRICADE PROTECTION WITH FLASHING LIGHTS AROUND ALL FOOTINGS, EXCAVATIONS AND ALL OFFSITE WORK.
- SEE THE SITE SURVEY FOR SURVEY INFORMATION AND LEGAL DESCRIPTION.
- THE PROPOSED STORM SYSTEM AND STORMWATER DETENTION FACILITY ONSITE IS PRIVATELY OWNED AND MAINTAINED.
- IN LANDSCAPING AREAS ADJACENT TO PROPOSED BUILDING, MINIMUM SLOPE SHALL BE 5% FOR THE FIRST 4'.
- GC SHALL BE RESPONSIBLE FOR DESIGN AND PERMITTING OF PROPOSED REDI ROCK RETAINING WALL.

NOTES

- ADD 900 TO ALL SPOT ELEVATIONS.
- CONTRACTOR SHALL FIELD VERIFY GRADES IN THE LOCATIONS INDICATED AT THE TIME OF CONSTRUCTION. CARE SHALL BE TAKEN TO MATCH EXISTING GRADES AT PROPERTY LINE TO ENSURE A SMOOTH TRANSITION BETWEEN PROPOSED ASPHALT PAVEMENT AND ADJACENT PROPERTY.
- RIM ELEVATION FOR INLETS ARE FLOWLINE GRADES AND DO NOT TAKE INTO ACCOUNT LOCALIZED LOWERINGS PER INLET DETAILS.
- STORMWATER DETENTION BASIN SHALL BE LINED WITH 36 MIL REINFORCED POLYPROPYLENE LINER BY WESTERN ENVIRONMENTAL LINER, OR APPROVED EQUAL TO AN ELEVATION OF 896.0 OR HIGHER.

NOTE: ALL DIMENSIONS SHOWN ARE FLOWLINE TO FLOWLINE OF CURB UNLESS OTHERWISE NOTED.

SOIL PREPARATION AND PAVEMENT DESIGN NOTE

SOIL PREPARATION AND PAVEMENT DESIGN SHALL BE PER RECOMMENDATIONS FROM A GEOTECHNICAL REPORT PREPARED FOR THIS SITE AS FOLLOWS: GEOTECHNICAL ENGINEERING EXPLORATION AND ANALYSIS: PROPOSED PUBLIC STORAGE FACILITY
 GEOTECHNICAL ENGINEER: GILES ENGINEERING ASSOCIATES, INC.
 PROJECT NO: 1G-171008
 THE CONTRACTOR MUST FULLY REVIEW THIS REPORT PRIOR TO CONSTRUCTION. INFORMATION IN THE GEOTECHNICAL REPORT SUPERSEDES ANY CONFLICTING INFORMATION CONTAINED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS. REFER TO GENERAL STRUCTURAL NOTES FOR SPECIFIC SOIL PREPARATION AT SITE STRUCTURES.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

NOTE: CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

NOTE: CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL INFORMATION FOR FINAL ACCEPTANCE OF WORK FOR ANY LOCAL, STATE OR FEDERAL AGENCY, UTILITY DISTRICT OR ANY OTHER AGENCY OR DISTRICT HAVING APPROVAL AUTHORITY OVER WORK. THIS INFORMATION MAY INCLUDE, BUT IS NOT LIMITED TO, AS-BUILT PLANS, CERTIFICATIONS, INSPECTIONS AND REPORTS.

LEGAL DESCRIPTION

THE SOUTH 455.0 FEET OF LOT 7, AUDITOR'S SUBDIVISION NO. 124, ANOKA COUNTY, MINNESOTA, LYING EAST OF THE EASTERLY RIGHT-OF-WAY LINE OF STATE TRUNK HIGHWAY NO. 65 AND LYING WEST OF THE EAST 180.0 FEET, AND EXCEPTING THEREFROM THE SOUTH 325.0 FEET OF THE WEST 295.0 FEET OF SAID LOT 7.

BASIS OF BEARING

BEARINGS ARE BASED ON THE ANOKA COUNTY COORDINATES N.A.D. 1983 (1988 ADJ.).

BENCHMARK

BENCHMARK IS BASED ON TOP NOTCH OF FIRE HYDRANT AT 907.63' LOCATED NORTHEAST OF THE INTERSECTION OF THE WESTERN PROPERTY LINE AT S00°18'39"W 325.01' AND SOUTHERN PROPERTY LINE AT N89°15'07"W 286.30'.

CAUTION - NOTICE TO CONTRACTOR

- ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.





THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF GALLOWAY, AND MAY NOT BE DUPLICATED, DISCLOSED, OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. COPYRIGHTS AND INFRINGEMENTS WILL BE ENFORCED AND PROSECUTED.

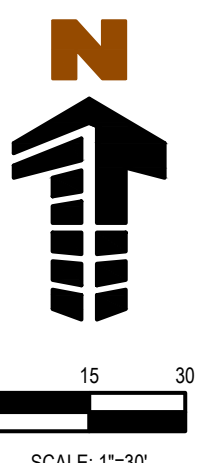
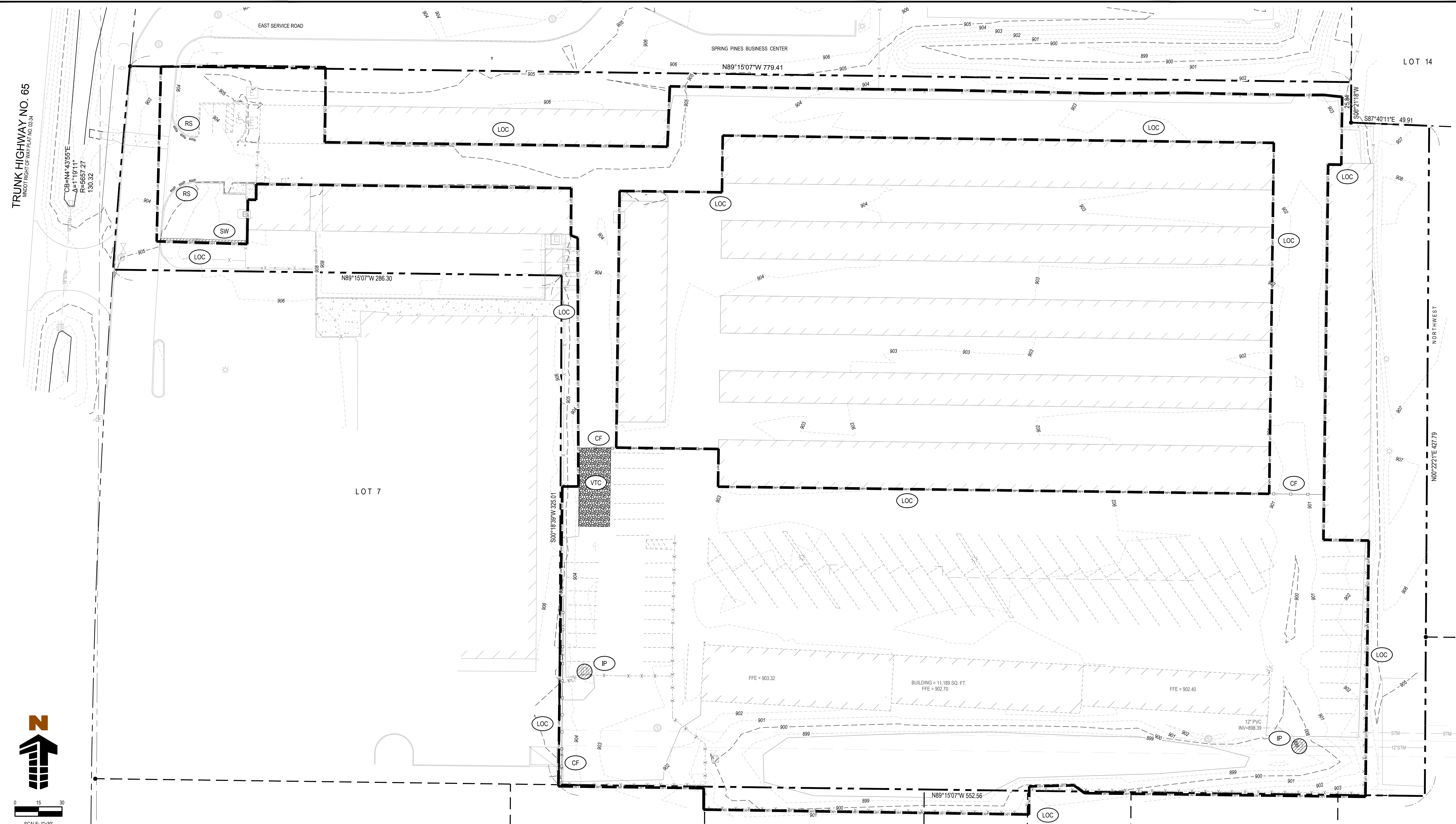
PUBLIC STORAGE
 CIVIL CONSTRUCTION DRAWINGS
 7807 HIGHWAY 65 NORTH EAST
 SPRING LAKE PARK, MINNESOTA

#	Date	Issue / Description	Init.
1	03/01/18	1ST SPL SUBMITTAL	SF

Project No:	PS0000048
Drawn By:	EVR
Checked By:	PMG
Date:	03/01/18

EROSION CONTROL
 PLAN - INITIAL

C3.1
 Sheet 11 of 20



BMP LEGEND

	CD	CHECK DAM
	CWA	CONCRETE WASHOUT AREA
	CF	CONSTRUCTION FENCE
	DD	DIVERSION DITCH/BERM
	ECR	EROSION CONTROL BLANKET
	IP	INLET PROTECTION
	M	MULCHING
	OED	OUTLET ENERGY DISSIPATORS
	RS	ROCK SOCK
	SB	SEDIMENT BASIN
	ST	SEDIMENT TRAP
	SF	SILT FENCE
	SR	SURFACE ROUGHENING
	SSA	STRAW WATTLE
	SW	TACKIFIERSOIL STABILIZER
	TSD	TEMPORARY SLOPE DRAIN
	VTC	VEHICLE TRACKING CONTROL
	LOC	LIMITS OF CONSTRUCTION
	LDB	LIMITS OF DRAINAGE BASIN
	PL	PROPERTY LINE

GRADING LEGEND

	900	EXISTING MAJOR CONTOUR
	902	EXISTING MINOR CONTOUR
	904	PROPOSED MAJOR CONTOUR
	906	PROPOSED MINOR CONTOUR
	STS	EXISTING STORM SEWER
	STS-L	PROPOSED STORM SEWER (LESS THAN 12")
	STS-S	PROPOSED STORM SEWER
	DS	PROPOSED DOWNSPOUT BUILDING CONNECTION

- STORMWATER MANAGEMENT PLANS GENERAL NOTES**
1. THE CONTRACTOR AND/OR AUTHORIZED AGENTS SHALL REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO OR ACCUMULATE IN THE FLOW LINES AND PUBLIC RIGHTS OF WAYS OF THE CITY AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT. SAID REMOVAL SHALL BE CONDUCTED IN A TIMELY MANNER.
 2. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT FUNCTION AS INTENDED. THE REQUIREMENTS OF THIS PLAN SHALL BE THE OBLIGATION OF THE PERMIT HOLDER UNTIL SUCH TIME AS THE PLAN IS PROPERLY COMPLETED AND THE PERMIT IS RELEASED.
 3. THE CONTRACTOR SHALL PREVENT SEDIMENT, DEBRIS AND ALL OTHER POLLUTANTS FROM ENTERING THE STORM SEWER SYSTEM DURING ALL DEMOLITION, EXCAVATION, TRENCHING, BORING, GRADING OR OTHER CONSTRUCTION OPERATIONS THAT ARE PART OF THIS PROJECT. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR REMEDIATION OF ANY ADVERSE IMPACTS TO ADJACENT WATERWAYS, WETLANDS, ETC., RESULTING FROM WORK DONE AS PART OF THIS PROJECT.
 4. THE CONTRACTOR SHALL LOCATE, INSTALL, AND MAINTAIN ALL EROSION CONTROL AND WATER QUALITY "BEST MANAGEMENT PRACTICES" AS INDICATED IN THE APPROVED STORMWATER MANAGEMENT PLAN.
 5. THE DEVELOPER, GENERAL CONTRACTOR, GRADING CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL INSURE THAT ALL LOADS OF CUT AND FILL MATERIAL IMPORTED TO OR EXPORTED FROM THIS SITE SHALL BE PROPERLY COVERED TO PREVENT LOSS OF THE MATERIAL DURING TRANSPORT ON PUBLIC RIGHTS OF WAY.
 6. SOILS THAT WILL BE STOCKPILED FOR MORE THAN 30 DAYS SHALL BE PROTECTED FROM WIND AND WATER EROSION WITHIN 14 DAYS OF STOCKPILE CONSTRUCTION. IF STOCKPILES ARE LOCATED WITHIN 100 FEET OF A DRAINAGEWAY, ADDITIONAL SEDIMENT CONTROLS SUCH AS TEMPORARY DIKES OR SILT FENCE SHALL BE REQUIRED.
 7. APPROVED EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL BE MAINTAINED AND KEPT IN GOOD REPAIR OF THE DURATION OF THIS PROJECT. ACCUMULATED SEDIMENT AND DEBRIS SHALL BE REMOVED FROM A BMP WHEN THE SEDIMENT OR DEBRIS ADVERSELY IMPACTS THE FUNCTIONING OF THE BMP. CONTRACTOR MAY SUBSTITUTE ROCK SOCKS (RS) FOR STRAW WATTLE (SW) AS PERIMETER CONTROL, DEPENDING ON SITE CONDITIONS.
 8. BMP'S SHALL BE CONSTRUCTED PER "PROTECTING WATER QUALITY IN URBAN AREAS" BY MINNESOTA POLLUTION CONTROL AGENCY. SEE BMP DETAILS IN SWPPP NARRATIVE.

BMP MAINTENANCE NOTE:
 ALL EROSION AND SEDIMENT CONTROL PRACTICES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THE SWMP MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION. PROPER SELECTION AND INSTALLATION OF BMP'S AND IMPLEMENTATION OF COMPREHENSIVE INSPECTION AND MAINTENANCE PROCEDURES IN ACCORDANCE WITH THE SWMP, SHOULD BE ADEQUATE TO MEET THIS CONDITION. BMP'S THAT ARE NOT ADEQUATELY MAINTAINED IN ACCORDANCE WITH GOOD ENGINEERING, HYDROLOGIC AND POLLUTION CONTROL PRACTICES, INCLUDING REMOVAL OF COLLECTED SEDIMENT OUTSIDE THE ACCEPTABLE TOLERANCES OF THE BMP'S, ARE CONSIDERED TO BE NO LONGER OPERATING EFFECTIVELY AND MUST BE ADDRESSED.

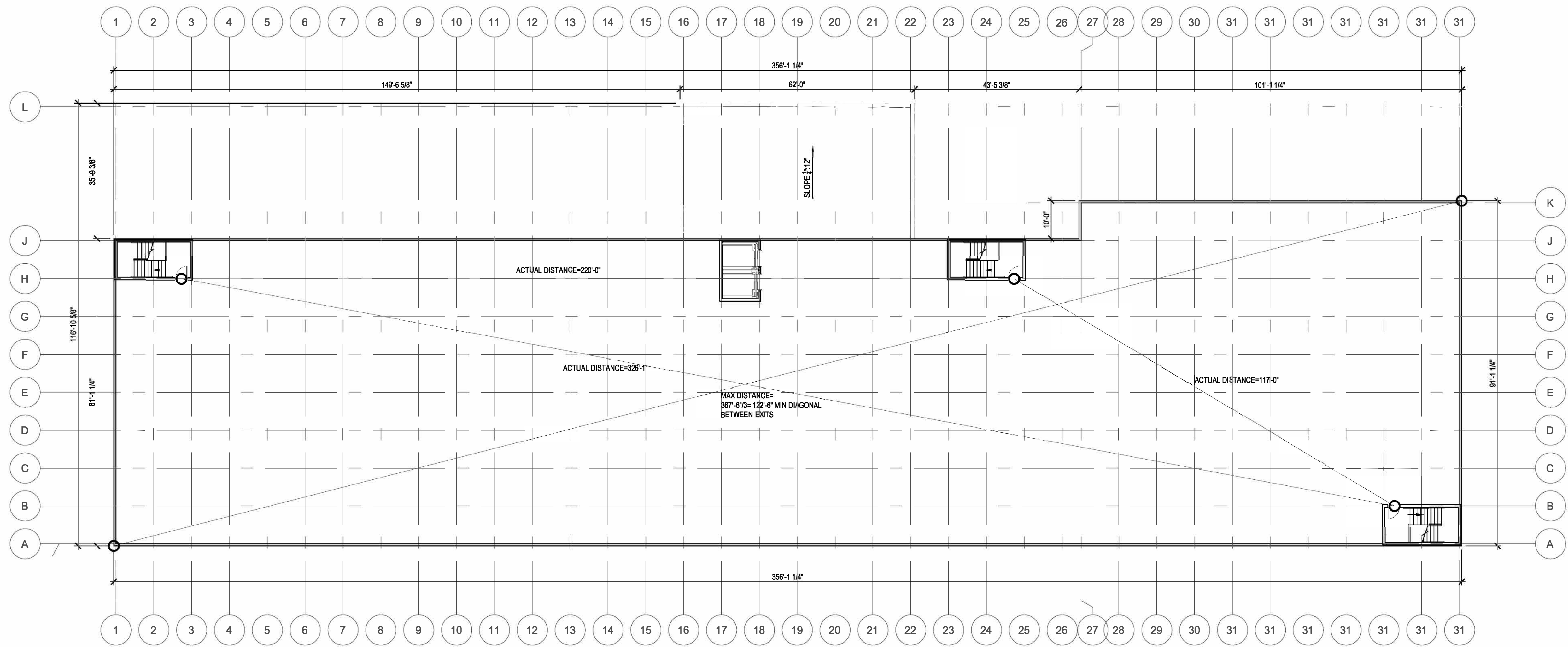
BASIS OF BEARING
 BEARINGS ARE BASED ON THE ANOKA COUNTY COORDINATES N.A.D. 1983 (1988 ADJ.).

BENCHMARK
 BENCHMARK IS BASED ON TOP NOTCH OF FIRE HYDRANT AT 907.63' LOCATED NORTHEAST OF THE INTERSECTION OF THE WESTERN PROPERTY LINE AT 500°18'39"W 325.01' AND SOUTHERN PROPERTY LINE AT N89°15'07"W 286.30'

CAUTION - NOTICE TO CONTRACTOR

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1 CONCEPTUAL THIRD FLOOR PLAN
 SCALE: 1/16"=1'-0"

**PUBLIC STORAGE
 CIVIL CONSTRUCTION DRAWINGS**

**7807 HIGHWAY 65 NORTH EAST
 SPRING LAKE PARK, MINNESOTA**

#	Date	Issue / Description	Init.
1	03/01/18	1ST SPL SUBMITTAL	SF

Project No: PS0000048
 Drawn By: SDM
 Checked By: GAR
 Date: 03/01/18

CONCEPTUAL FLOOR PLAN



Memorandum

To: Mayor Hansen and Members of the City Council

From: Daniel R. Buchholtz, MMC, Administrator, Clerk/Treasurer

Date: March 27, 2018

Subject: Arthur Street Improvement Project Reassessment – GJW Group Property

A hearing on the proposed reassessment of the Arthur Street Improvements on the GJW Group property (Spring Lake Terrace mobile home park) is scheduled for the April 2, 2018 City Council meeting.

The hearing is not technically a public hearing. Rather, it is an opportunity for the property owner to address the City Council on the proposed reassessment.

Staff is proposing a reassessment of \$43,000, consistent with the District Court ruling of special benefit for the Spring Lake Terrace property as a result of the Arthur Street improvements.

Notice of the hearing was sent to the property owner and was published in the Blaine/SLP Life newspaper. At the conclusion of the hearing, the City Council should approve Resolution 18-11 to formally adopt the assessment.

This action will formally conclude the 2014-2015 Street Improvement project.

If you have any questions, please don't hesitate to contact me at 763-784-6491.

RESOLUTION NO. 18-11

A RESOLUTION FOR HEARING ON PROPOSED REASSESSMENT OF SPRING LAKE TERRACE PROPERTY FOR THE 2014-2015 STREET IMPROVEMENT PROJECT

WHEREAS, the City Council approved an assessment roll for the Arthur Street improvements as part of the 2014-2015 Street Improvement Project on August 15, 2015; and

WHEREAS, the special assessment for the Spring Lake Terrace property was set at \$50,912.05; and

WHEREAS, GJW Group, Ltd, the owner of the Spring Lake Terrace property, filed an appeal of the assessment, alleging that the assessment against its property exceed any special benefit it received from the 2014-2015 Street Improvement Project; and

WHEREAS, a trial on the assessment appeal was held on September 25, 2017, with final arguments submitted on October 27, 2017; and

WHEREAS, after reviewing the evidence and testimony presented at trial, the Court set aside the City's original assessment of \$50,912.05, ordered the City to perform a reassessment of the special benefit to GJW Group's property in a manner consistent with the Court's opinion and Minn. Stat. 429.081 and 429.017, subd. 2, and established the special benefit created by the 2014-2015 Street Improvement Project to not exceed \$43,000; and

WHEREAS, pursuant to proper notice given as required by law, the City Council has met and heard and passed upon all objections to the proposed assessment for the Arthur Street improvements as part of the 2014-2015 Street Improvement Project for the Spring Lake Terrace property.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF SPRING LAKE PARK, MINNESOTA:

1. Such proposed reassessment, a copy of which is attached hereto and made a part hereof, is hereby accepted and shall constitute the special assessment against the lands named therein, and each tract of land therein included is hereby found to be benefited by the improvement in the amount of the assessment levied against it.
2. Such assessment shall be payable in equal annual installment extending over a period of 7 years, the first of the installments to be payable on or before the first Monday in January 2019 and will bear interest at the rate of three and one-half (3.5) percent per annum from the date of the adoption of this assessment resolution. To the first installment shall be added interest on the entire assessment from the date of the assessment resolution until December 31, 2018. To each subsequent installment, when due, shall be added interest for one year on all unpaid installments.

3. The owner of any property so assessed may, at any time prior to certification of the assessment to the county auditor, pay the whole of the assessment on such property, with interest accrued to the date of payment, to the city Administrator, Clerk/Treasurer, except that no interest shall be charged if the entire assessment is paid within 30 days from the adoption of this resolution; and he/she may, at any time thereafter, pay to the city Administrator, Clerk/Treasurer the entire amount of the assessment remaining unpaid, with interest accrued to December 31 of the year in which such payment is made. Such payment must be made before November 15 or interest will be charged through December 31 of the next succeeding year.
4. The Administrator, Clerk/Treasurer shall forthwith transmit a certified duplicate of this assessment to the county auditor to be extended on the property tax lists of the county. Such assessments shall be collected and paid over in the same manner as other municipal taxes.

The foregoing Resolution was moved for adoption by.

Upon Vote being taken thereon, the following voted in favor thereof:

And the following voted against the same:

Whereon the Mayor declared said Resolution duly passed and adopted the 2nd day of April, 2018.

APPROVED BY:

Cindy Hansen, Mayor

ATTEST:

Daniel R. Buchholtz, City Administrator

EXHIBIT A

ARTHUR STREET IMPROVEMENTS REASSESSMENT
2014-2015 STREET IMPROVEMENT PROJECT

01-30-24-14-0006

GJW Group Ltd

\$43,000

EXHIBIT B

**PAYMENT SCHEDULE FOR ARTHUR STREET IMPROVEMENT REASSESSMENT
2014-2015 STREET IMPROVEMENT PROJECT**

Reassessment (per District Court ruling)	\$43,000.00
Credit: 2016 Principal + Excess Interest	(\$ 5,471.31)
Credit: 2017 Principal + Excess Interest	<u>(\$ 5,340.44)</u>
Total Remaining Assessment	\$32,188.25

					Year	Principal	Interest	Total Payment	Remaining Principal	
01-30-24-14-0006		\$ 32,188.25	\$ 4,598.32		2018	\$ -	\$ 842.63	\$ 842.63	\$ 32,188.25	
	Spring Lake Terrace				2019	\$ 4,598.32	\$ 1,126.59	\$ 5,724.91	\$ 27,589.93	
					2020	\$ 4,598.32	\$ 965.65	\$ 5,563.97	\$ 22,991.61	
	Legal Description				2021	\$ 4,598.32	\$ 804.71	\$ 5,403.03	\$ 18,393.29	
	LOT 12 AUD SUB NO 152, SUBJ TO EASE OF REC				2022	\$ 4,598.32	\$ 643.77	\$ 5,242.09	\$ 13,794.97	
					2023	\$ 4,598.32	\$ 482.82	\$ 5,081.14	\$ 9,196.65	
					2024	\$ 4,598.32	\$ 321.88	\$ 4,920.20	\$ 4,598.33	
					2025	\$ 4,598.33	\$ 160.94	\$ 4,759.27	\$ -	



City of Spring Lake Park
Engineer's Project Status Report

To: Council Members and Staff
From: Phil Gravel

Re: **Status Report for 4.2.18 Meeting**
File No.: R-18GEN

Note: Updated information is shown in *italics*.

MS4 Permit (193802936).

Annual report and annual public meeting will be completed in June (Annual report due June 30th). Annual Training will be completed in the fall.

Surface Water Management Plan (193803949).

Detailed storm water modeling has been completed. *We are currently using the storm water model to evaluate proposed conditions to see what can be done to reduce flooding in these areas. We have met with Terry to discuss preliminary results. Staff met with property owners on the south end of Terrace Rd. to discuss possible ponding options, the owners are open to the idea of adding some type of storm water storage feature.*

2017 Sanitary Sewer Lining Project (193803782).

This project included sanitary sewer lining in the neighborhood east of Able Street and north of 81st Avenue. The Contractor was Visu-Sewer. Terry Randall is working on follow-up items.

2018 Sanitary Sewer Lining Project (193804547).

This project includes sewer lining in the northeast area of the city. We are currently preparing construction plans and will solicit bids late this spring.

2017-2018 Street Seal Coat Project (193803783).

This 2-year project includes street maintenance in the neighborhood north of 81st Ave. and west of Monroe St. (2017) and in the neighborhood east of Monroe St., south of 81st St. and west of TH 65 (2018). Terry Randall will coordinate 2018 work this summer.

Wells 4 and 5: Working with Terry on a process for rehabbing these wells. The timeline for rehabilitating the wells will be late summer for Well 4 and autumn for Well 5. That way a driller can start on Well 4 and, when done, can move to Well 5. The rehab bids will be more competitive if the work on the wells can be scheduled this way, as it will keep a well rig busy for an extended period.

Wellhead Protection Plan: A well survey was mailed to residents in February. Once the surveys stop coming back, information from the returned surveys will be compiled. The results of the survey, along with other wellhead protection activities in the past two years, will be included in a Plan Evaluation Report which will be provided to the MDH. At that time, a letter requesting the 10-year extension to the Plan will also be provided. This is anticipated to be sent in April or May.

Other issues/projects.

Attended 3.21.18 Technical Advisory Committee (TAC) meeting for the Coon Creek Watershed District.

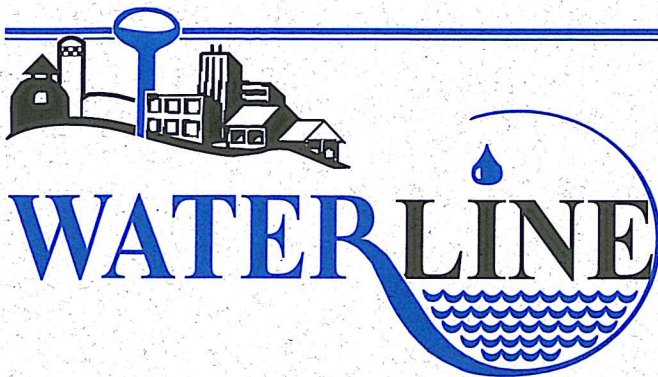
Prepared review comments for proposed Public Storage Development.

Working with cellular companies (Verizon and AT&T) regarding facilities on the water towers.

Feel free to contact Harlan Olson, Phil Carlson, Jim Engfer, Mark Rolfs, Marc Janovec, Peter Allen, or me if you have any questions or require any additional information.



CORRESPONDENCE

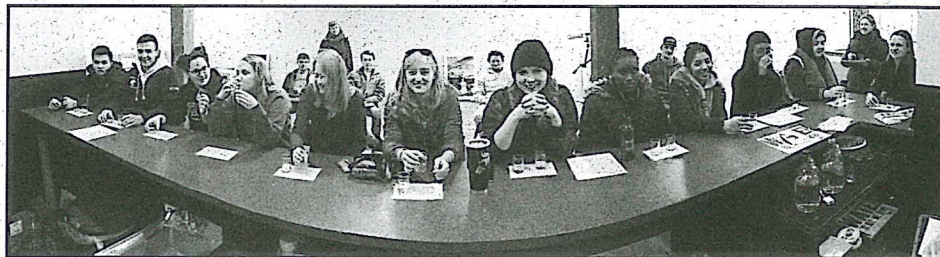


NEWS AND INFORMATION

FOR PUBLIC WATER SUPPLIERS IN MINNESOTA

Water Bar Opens New Storefront

Water Bar—a combination of water, art, and social infrastructure that has been a hit across the state—has opened a new storefront at 2518 Central Avenue NE in Minneapolis. With watertenders serving water from various cities, Water Bar has been on site in many locations, including the State Fair and the annual conference of the Minnesota Section of American Water



Works Association. With a permanent location, Water Bar is now open every Saturday. As visitors sip the water, they're treated to artwork and ecology displays within the studio. Water professionals from around the state are invited to bring their water and tell the story behind it while serving a shift as a watertender at Water Bar. For more information on how to get involved, go to <https://www.water-bar.org/volunteer>.

Golden Valley Survives Contractor Accident without Water Disruption

A watermain break caused by a construction accident in Golden Valley threatened services to Regency Hospital last fall. The break occurred Monday morning, November 13, 2017 when a contractor punctured an 18-inch concrete pipe while installing a water line for snowmaking equipment at nearby Theodore Wirth Park.

Golden Valley water superintendent Joe Hansen said the hospital was the only customer between the two 18-inch valves where the damage occurred. In between is a 6-inch valve, which the city used to continue to supply the hospital with water as it constructed a bypass pipe. Staying in touch with Minnesota Department of Health (MDH) engineer Brian Noma and others, city crews constantly monitored pressure in the basement of the hospital. Hansen said the pressure stayed between 30 and 40 pounds per square inch, well above levels that could cause a concern regarding backflow.

The city completed the temporary service the same day, disinfected the pipe, and sampled the water. The results, which came back the next day, were good, and the water was turned on. However, some type of water hammer



occurred, bursting the pipe and requiring another round of disinfecting and sampling. It wasn't until Wednesday when the city could begin operating the bypass.

Hansen said they only throttled down the 6-inch valve, rather than risking any negative pressure by turning it off completely, as they began repairs on the primary main on Friday morning. Since the hole was dug and the pipe was exposed under pressure, there was no need to send a sample off to the lab for a bacteria sample, as long as the section of new pipe and fittings were disinfected. The city flushed the main, tested for chlorine residual Friday night, and was able to resume its normal supply to the hospital.

A drinking water advisory for a hospital could cause a major problem, but the city was able to keep the water flowing, and Regency Hospital was able to continue operating in normal fashion.

Fortunately, because of the response of city utility workers, hospital staff, and others, Golden Valley and Regency Hospital were able to fix a serious situation caused by a private party without disrupting service.

Banat Retires from MDH; Blair to Succeed Hubbard at MRWA



Bassam Banat (left) has retired after 32 years and 4 months with the Minnesota Department of Health (MDH). Born in Beirut, he began playing soccer professionally when he was 17 and made it to the highest level on the Lebanon Premier team. He also played two years in the United Arab Emirates. Banat came to the United States December 22, 1975 at the age of 23. He eventually made his way to Grand Forks to study civil engineering at the University of North Dakota, where he was the captain of a club soccer team. After college he worked as a civil engineer in Abu Dhabi in the United Arab Emirates from 1981 to 1985. Banat, married to Becky by this time, returned to the U. S. and applied for jobs. He was hired by Gary Englund to begin work at MDH on September 9, 1985. He worked as a plan review engineer and in April of 1989 became the district engineer for the metro area region.

Ruth Hubbard (known as "Ruthie" by friends and shown to the right) is retiring after nearly 35 years with the Minnesota Rural Water Association (MRWA), the last 22 as the administrator/executive director. A native of Elbow Lake, where the MRWA office is located, she began in 1983 at the time the office was moved from Slayton to Elbow Lake. Sam Wade and Chuck Anderson were her only two co-workers at the time, and MRWA now has 17 staff members and has grown from approximately 50 to more than 950 members. The annual technical conference, which is still held in the same location in St. Cloud, began in 1983 and was so small they were able to hold it poolside.



Succeeding Hubbard is Lori Blair (left), who has worked at MRWA for 18 years, most recently as information specialist. A native of Iowa, Blair got her Bachelor of Science degree in business administration from Southwest Minnesota State University in Marshall. Blair's husband, Brian, works for the Minnesota Department of Transportation. Lori and Brian have two daughters, Alyssa and Ashton, who are in college, as well as a dog, Duke, and a cat, Lucky.

Johnson and Larsen Named MDH District Engineer Supervisors

Todd Johnson and Kim Larsen have been named district engineer supervisors for the Minnesota Department of Health, succeeding long-time engineers/supervisors Dave Schultz, Steve Pederson, and Mark Sweers, who retired in 2017.

Beyond supervising district engineers, Johnson will be responsible for managing issues related to contaminants of emerging concern and special sampling (such as the Unregulated Contaminant Monitoring Rule). He will also serve as the primary technical lead for communications.

Larsen, the other district engineer supervisor, maintains other responsibilities that include emergency preparedness and response (working with security engineer Jon Groethe), *Legionella* management and response, and cross-connection control.

The Latest on Lewis & Clark

The Lewis & Clark Rural Water System connected to Lincoln-Pipestone Rural Water System (LPRWS) in November, making the system the 14th of 20 partners to be connected. The water started flowing upon completion of construction by LPRWS of over 20 miles of pipeline between Edgerton and Magnolia, the first of two connections for LPRWS, which serves a wide area that includes 38 cities in 10 Minnesota counties.

Conceived in 1988 as a way of serving water-challenged areas in South Dakota, Iowa, and Minnesota, the Lewis & Clark project takes water from a series of wells that tap into an aquifer adjacent to the Missouri River near Vermillion, South Dakota. The water is delivered to communities as far away as 125 miles.

The water first reached Minnesota in 2015, reaching Rock County Rural Water District. Since then, Luverne and Magnolia have also been connected. The water has allowed Luverne to be the site of Minnesota's first shrimp hatchery and harbor, a commercial-scale shrimp producer.

Next up is to extend the pipes to east of Adrian, another connection point to Lincoln-Pipestone, and then to Worthington.



Wall panels are installed for the Rock County reservoir.

*The temperature of the aqueous content of an unremittingly ogled saucepan does not reach 212 Fahrenheit.
(A watched pot never boils.)*

Unregulated Contaminant Monitoring Rule 4 (UCMR 4) Is Here

By Anna Arkin, Minnesota Department of Health

What is UCMR 4?

Every five years, the U.S. Environmental Protection Agency (EPA) implements the Unregulated Contaminant Monitoring Rule (UCMR) to collect data on contaminants that may be present in drinking water. The fourth round of UCMR, UCMR 4, requires monitoring for 30 contaminants between 2018 and 2020. The contaminants include 2 metals, 9 pesticides, 3 alcohols, 3 semi-volatiles, 3 brominated haloacetic-acid groups, 2 disinfection by-product indicators, and, for surface water systems, 10 cyanotoxins.

These contaminants are not regulated under the Safe Drinking Water Act. EPA collects results from across the country and decides if the contaminants occur at frequencies and concentrations high enough to be regulated.

More information is available at EPA's Fourth Unregulated Contaminant Monitoring Rule (<https://www.epa.gov/dwucmr/fourth-unregulated-contaminant-monitoring-rule>).

Which systems are included?

UCMR 4 includes all public water systems (PWSs) serving more than 10,000 people and some small water systems serving 10,000 or fewer people. If your system is included, you were notified by MDH in 2017.

What is the timeline for sampling and data reporting by the Minnesota Department of Health (MDH)?

Sampling started in January 2018 and will end in December 2020. Groundwater systems will monitor twice, five to seven months apart. Surface water systems will monitor four times, three months apart (quarterly).

MDH will send results to participating PWSs as they become available.

What is MDH's role?

MDH, as it does with most regulated contaminant monitoring, will:

- assume responsibility for sample collection. Your MDH district engineer will be collecting the samples.
- pay for sample analyses using the MDH Service Connection Fee fund. (EPA will pay for sample analyses for small PWSs.)
- ensure results are reported to the EPA and the primary contact at participating PWSs.

What is the PWS's role?

EPA required PWSs to report unregulated contaminants detected during UCMR monitoring in the Consumer Confidence Report (CCR) following the year they were detected. MDH will include UCMR4 detections in the CCR template we provide to your PWS. If your system wants to provide additional information, DWP technical staff are available as a resource.

MDH will include UCMR 4 detections in the CCR template provided to PWSs. If your system wants to provide additional information to consumers, MDH technical staff are available as a resource.

Are there standards for UCMR 4 contaminants?

Because the contaminants being tested are unregulated, no federal standards for them exist. However, there is human health effects information available for some of the UCMR 4 contaminants.

- EPA's Drinking Water Contaminant Human Health Effects Information: <https://www.epa.gov/dwstandardsregulations/drinking-water-contaminant-human-health-effects-information>
- MDH's Guidance Values and Standards for Contaminants in Drinking Water: <http://www.health.state.mn.us/divs/eh/risk/guidance/gw/index.html>

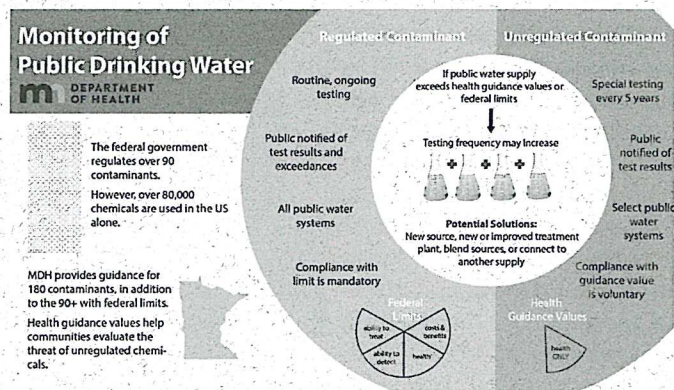
If you have any questions, please contact Todd Johnson at 218-308-2110 or Cindy Swanson at 651-201-4656. We will provide updates as the UCMR 4 process continues over the next two years.

Densa

Are you smart enough to join Densa? Give it a shot:

1. Some months have 31 days; how many have 28?
2. In baseball, how many outs are in an inning?
3. Can a man in California legally marry his widow's sister?
4. Divide 30 by 1/2 and add 10. What is the answer?
5. If there are 3 apples and you take away 2, how many do you have?
6. A farmer has 17 sheep standing in a field and all but 9 drop down and die, how many sheep are still standing?
7. How many two-cent stamps are there in a dozen?
8. Haywood's mother had three children. The first child was named April. The second child was named May. What was the third child's name?

Answers are at the bottom of page 7.



Even More Words to Live By

No one wants advice—only corroboration
—John Steinbeck

I'd give my right arm to be ambidextrous.
—former pitcher Dick Pole

Never miss a good chance to shut up.
—Robert Benchley

When your work speaks for itself, don't interrupt.
—Henry J. Kaiser

Community Commitment Results in Innovative Water Plant in St. Martin

One of the newest water treatment facilities in Minnesota is also one of the first engineered biological water treatment plants in the state. Some other cities, such as Hutchinson (<https://tinyurl.com/y8nkynsx>), have partial biological treatment; however, St. Martin, a community of 343 people in central Minnesota, stands out with an entirely engineered biological plant.

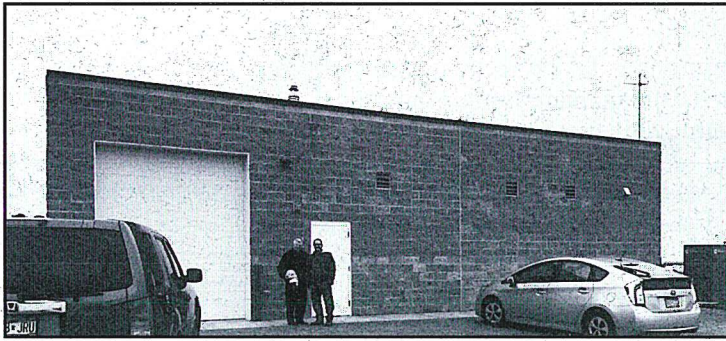
Beyond the innovation in the plant is the strong community involvement in the project. Minnesota Department of Health (MDH) engineer Kim Larsen credits city clerk Cara Olmscheid, St. Martin's only full-time employee, for her commitment to the project. Olmscheid, who notes that "city clerks have to wear many hats," is knowledgeable about and involved in the water system in addition to the other duties she carries out each day.

Olmscheid recognizes the support of James "Boots" Rothstein, a colorful native of St. Martin who has been mayor since 2002. Rothstein spent 35 years in New York, working for Chase Manhattan Bank, operating a restaurant, and serving 12 years as a detective for the New York Police Department, working undercover to infiltrate prostitution and pedophilia rings. Rothstein returned to his hometown to assist his aging parents and has also been active in combating human trafficking in the area.

Rothstein was president of the Sauk River Watershed District and, as mayor, the primary proponent in initiating the water project, according to Olmscheid. "As others sat back and talked about the cost, the mayor said, 'We have to have good water.'"

Sources

The city had been operating with two shallow wells (1 and 2), which had benzene levels above the maximum contaminant level (MCL). The Minnesota Pollution Control Agency (MPCA) installed filters at the wells that dropped the benzene to below detectable levels.



Olmscheid said in 2006 they discovered a hole in the casing of Well 1, prompting its sealing and the drilling of a new well (Well 3) next to it. The wells were near a creek and considered vulnerable to contamination. In 2011, the city found a hole in the casing of Well 2, and took it out of service, leaving

St. Martin with only one well.

Meanwhile, Rich Soule of the MDH Source Water Protection Unit came to St. Martin and expressed concern about the location of Wells 2 and 3, especially since the creek that was the outfall of the wastewater treatment plant, which had a history of petroleum release. Because of the MPCA filters, Soule said, "There was no screaming need to get something done, but there was a concern, especially with two wells in the same aquifer," adding, "Don't put your eggs in one basket."

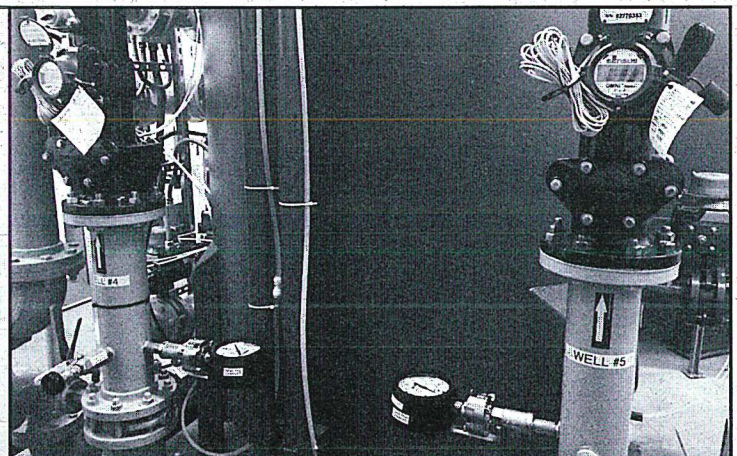
The geology of the area is underlain with a granite shelf, making it difficult to find sites with a sufficient yield within the city limits, so St. Martin drilled two new wells to the east of the city.

Larsen said the current wells are considered nonvulnerable, in contrast to the shallow wells by the creek. However, high levels of iron and manganese in the ground caused aesthetic concerns, especially with the staining of fixtures in people's homes. "It was awful," said Olmscheid. In addition, high levels of ammonia are present in the new wells, although not as high as they had been in the previous ones.

During this period, St. Martin was meeting with the U. S. Department of Agriculture (USDA) Rural Development regarding its wastewater and found out that rates that they qualified for, based on per-capita income, could be carried over to a water system.

St. Martin explored its options, worked with MDH, USDA, Tonka Water of Plymouth, Minnesota, and WSB & Associates, Inc. of St. Cloud, and settled on biological treatment, using naturally occurring bacteria instead of chemicals to

Continued on next page



Left: Dave Schaaf of the Minnesota Department of Health, Dave Schultz of WSB & Associates, and Boots Rothstein, mayor of St. Martin. Right: The biological iron filter, the first of the chain of three filters.

St. Martin—Continued

remove contaminants. The city leased a trailer to do a pilot study, which was set up by Tonka Water and WSB & Associates, and city staff did the daily testing and pilot work. Olmscheid said they performed the studies for four months, wanting to make sure the innovative technology would work.

Treatment Process

The plant has three vessels. The first is a biological iron filter, which receives the water after air has been added to facilitate the biological oxidation of iron.

More air is then injected to facilitate the biological conversion of ammonia to nitrite and then to nitrate. "We're not feeding any organisms," said Dave Schultz of WSB & Associates, "just creating a robust environment for the natural bugs to grow biologically and convert the ammonia, letting nature do the work."

The second vessel is an ammonia nitrification filter, in which two reactions occur. The first, the oxidation of ammonia to nitrite, is by the nitrosomonas genus bacteria. The next is by the nitrobacter genus to convert the nitrite to nitrate.

Oxidized manganese and any remaining biological matter are filtered with anthracite and greensand in the third vessel.

After filtration, three chemicals are added: fluoride for dental care, chlorine for disinfection and to maintain a residual in the distribution system, and a corrosion-control inhibitor.

The filters are backwashed with non-chlorinated water from a concrete backwash holding tank in order to not disrupt the bio-growth on the filter media.

Construction began in July 2016, and the total project cost just more than \$3 million, which included the plant and related infrastructure. Approximately 45

percent of the amount came from a grant and the rest from a 40-year loan at an interest rate of 1.875 percent, both from USDA Rural Development.

Asset Management

St. Martin has been forward-looking in other ways, according to Larsen, who pointed out that most small cities with only one full-time clerk and a few operators do not have the time and resources to develop an asset management plan. "St. Martin has spent many years focused on the future of the water system." Utilities, typically larger ones, use asset

management to maintain their infrastructure in a controlled and planned manner, to set water rates in a way to offset the need for loans, and to keep operating without disruption.

A detailed list of assets—wells, valves, meters, storage facilities, pipes, and service lines—helps cities develop a plan on how to maintain and/or replace them and to head off emergency situations that may disrupt service and cause unexpected expenses. "St. Martin has good information because the city clerk [Olmscheid] has an excellent understanding of the importance of infrastructure. She enjoys solving problems, getting funding, and seeking to better the town. And [she's] not afraid to spend money. The person or persons in charge of the checkbook are critical drivers in having a CIP

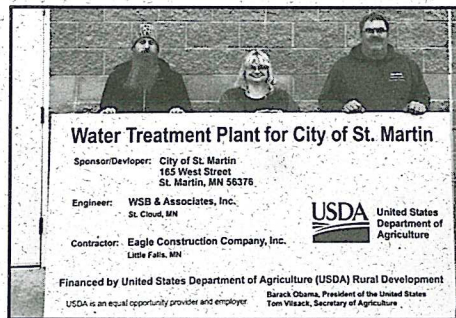
[capital improvement plan] or asset plan."

The new treatment plant went on-line in September 2017. Larsen credits Olmscheid and other city leaders for their commitment to the water system.

"We were keying on this because of the community involvement," said Larsen. "Everyone was so excited about it. That's terrific."

"It's more important to make sure it's done right than it is to meet the deadline."

—Mayor Boots Rothstein



Minnesota Made

Gene Rebeck in *Minnpost* listed 50 Minnesota innovations that changed the world. Among them:

Grocery bags with handles - 1912

Water Skis - 1922

Milky Way candy bar - 1923

Mass Spectrometer for Uranium-235 - 1940

General Mills Packaged Cake Mix - 1947

Twister - 1964

Nerf Ball - 1969

Microwave Popcorn - 1984

Minute Clinic - 2000

Waterline

Published quarterly by the
Drinking Water Protection Section
Minnesota Department of Health

Editor:

Stew Thornley

Staff:

Noel Hansen

Jeanette Boothe

Past issues of the *Waterline* are available at
<http://www.health.state.mn.us/water/newsletters.htm>

Southeast School

Here is the agenda for the March 14-16 Southeast Water Operators School at the Kahler Apache Hotel, 1517 16th Street SW, Rochester 55902-1075, 800-552-7224.

Participants in the school will receive 16 credit hours for their attendance.

Registration will begin at 7:00 a.m. on March 14 with the breakfast beginning at 7:30 on Wednesday and sessions starting at 7:45 on Thursday, and 8:00 on Friday.

The certification exams will be held at 9:00 a.m. on Friday at the Minnesota Department of Health, 18 Wood Lake Drive SE, Rochester 55904-5306.

Wednesday, March 14

7:30 to noon

- Breakfast with guest speaker Al Batt
- Water Conservation Reporting
- Safe Water Systems
- Communicating with the Public

1:00 to 3:45

- Product Show with Water Taste Test
- Operator Interface following Product Show

Thursday, March 15

Exam prep for C-D licenses in the morning and afternoon.

7:45 to 11:30

- Safety
- Valve Maintenance
- Top of the Tower
- Minnesota Department of Health Update

12:30 to 3:00

- Wellhouse Redesign
- Hartland/Freeborn Joint Water/Interconnection Operations
- Well Rehabilitation and Maintenance

Friday, March 16

8:00 to noon

- Southeast District Business Meeting
- Dealing with Disasters
- A Critical Conversation on Backflow
- Hands-on Sessions at Core and Main (Minnesota Pipe)

Metro School

Here is the agenda for the 2018 Metro Waterworks Operators School at the Earle Brown Heritage Center, 6155 Earle Brown Drive, Brooklyn Center 55430, 763-569-6300. Participants in the school will receive 16 credit hours for their attendance.

Registration will begin at 6:45 a.m. on April 3 with the sessions beginning at 8:00 on Tuesday and 7:30 on Wednesday and Thursday. Sign-ups will take place during registration on Tuesday for the off-site tours on Wednesday.

Tuesday, April 3

8:00 to 11:30

- Security Forensics
- What Happens When . . . (Minneapolis Bomb Squad)

12:15 to 3:30

System Business Solutions

- GIS in the Field
- **GPS Locating of Assets**

or

Process Control Session

- Drones and Towers

Stay apprised of agenda updates at <http://www.health.state.mn.us/divs/eh/water/wateroperator/trng/metro.html>

Wednesday, April 4

Breakfast with storyteller Al Batt

Exam prep for C-D licenses in the morning and afternoon

8:45 to 11:30

Off-site tours of Waterous, St. Paul Tunnels, Brooklyn Center Water Plant, Summit Brewing (no beer will be served)

12:45 to 3:15

Distribution

- Cathodic Protection
- Safety Signs
- Main Breaks

or

Conservation/Public Awareness Session

- Conservation
- Liquid Assets
- Water Break Communications

Thursday, April 5

- Product Exposition with mini-sessions, Hydrant Hysteria, Gimmicks and Gadgets
- Certification exams begin at 8:30.

Also: The Northeast District will hold its spring school May 9-11 in Grand Rapids. The agenda is being developed and will be posted at <http://www.health.state.mn.us/divs/eh/water/wateroperator/trng/northeast.html>.

Information on all district schools is at

http://health.state.mn.us/divs/eh/water/wateroperator/trng/wat_op_sched.html

Register for the schools at:

http://www.mnawwa.org/events/event_list.asp

Southwest and Northeast Schools

The Southwest District will hold its spring school on Wednesday, April 11 at the Redwood Area Community Center in Redwood Falls. Registration will begin at 7:30 a.m. with the sessions starting at 8:00.

The Northeast District will hold its spring school from Wednesday, May 9 to Friday, May 11 at the Timberlake Lodge in Grand Rapids. Registration begins at 8:00 a.m. on May 9 with the sessions starting at 8:30.

More information is available through http://health.state.mn.us/divs/eh/water/wateroperator/trng/wat_op_sched.html.

Waterline Survey Results

Thank you to the many readers who took the time to provide feedback by responding to the survey that was in the Winter 2017-2018 *Waterline*. Here is the summary:

How much of the <i>Waterline</i> do you read?	All of it	Some of it	None of it
	56.1 percent	43.9 percent	0
What is your overall impression of the <i>Waterline</i> ?	Excellent	Good	Needs work
	69 percent	27 percent	4 percent
How often do you read the following types of articles?	Frequently	Occasionally	Not at all
<i>Feature articles (such as the Ortonville and St. Martin stories)</i>	84.3 percent	15.7 percent	0
<i>Regulatory and compliance information</i>	44.9 percent	47.1 percent	8 percent
<i>Human interest stories</i>	52.5 percent	47.5 percent	0
<i>Minnesota AWWA news</i>	52.3 percent	39.7 percent	8 percent
<i>Operator training news</i>	64.2 percent	24.8 percent	12 percent

Here is a smattering of comments made for suggestions for other articles and sections that could be added:

Upcoming school opportunities. Better description of courses.

I prefer shorter articles that can be read quickly.

I think that the quality of your articles, and the subject matter presented is overall very good quality. Keep up the effort to present articles from outstate. We are not all living or working in the Cities.

More photos.

Community stories like the Blaine article are an excellent learning resource.

It is a good publication as is.

Reminder to All Water Operators

When submitting water samples for analyses, remember to do the following:

- Take coliform samples on the distribution system, not at the wells or entry points.
- Write the Date Collected, Time Collected, and Collector's Name on the laboratory request form.
- Sign the form
- Write the Sample Point on the laboratory request form.
- Attach the label to each bottle (do not attach labels to the lab form).
- Include laboratory request forms with submitted samples; make sure the information on the bottle label and the lab form is the same.
- Use something other than a rollerball or gel pen; the ink may run.
- Consult your monitoring plan(s) prior to collecting required compliance samples.

Notify your Minnesota Department of Health district engineer of any e-mail changes for contact people.

If you have questions, call the Minnesota Department of Health contact on the back of all sample instruction forms.

Answers to Densa

1. 12 2. 6 3. No (There is no precedent for a dead man to marry) 4. 70 5. 2 6. 9 7. 12 8. Haywood

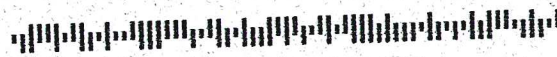


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CALENDAR

Minnesota Section, American Water Works Association

*March 14-16, Southeast Water Operators School, Kahler Apache Hotel, Rochester, Contact Paul Halvorson, 507-206-2724.

*April 3-5, Metro Water Operators School, Earle Brown Heritage Center, Brooklyn Center. Contact Jeanette Boothe, 651-201-4697, or Stew Thornley, 651-201-4655.

*April 11, Southwest Water Operators School, Redwood Area Community Center, Redwood Falls. Contact Kyle Hinrichs, 507-381-0220.

*May 9-11, Northeast Water Operators School, Timberlake Lodge, Grand Rapids. Contact Corey Lubovich, 218-262-7725.

Information for all district schools, including agendas:

<http://www.health.state.mn.us/water/wateroperator/trng/schoolagendas.html>

Surface Water Treatment Workshop

Contact Adam Zach, 701-746-8087.
May 1-3, Courtyard by Marriott, Moorhead

Minnesota Rural Water Association (MRWA)

Contact Teri Osterman, 800-367-6792.
*March 6-8, Technical Conference, St. Cloud
*June 14, Safe Drinking Water Compliance, Wahkon

***Includes a water operator certification exam.**

For an up-to-date list of events, see the training calendar on the MDH web site:
http://health.state.mn.us/water/wateroperator/trng/wat_op_sched.html