

**CITY OF NORTH ST. PAUL
CITY COUNCIL
WORKSHOP AGENDA
SEPTEMBER 18, 2018
5:00 PM**

North St. Paul City Hall – Sandberg Room
2400 Margaret Street

I. CALL TO ORDER

II. ROLL CALL

Council Member Furlong
Council Member Petersen
Council Member Walczak
Council Member Sonnek
Mayor Kuehn

III. ADOPT AGENDA

IV. TOPIC(S)

- A. 5:00 p.m. 3.2 beer discussion – Amy Schutt from Campbell Knutson
- B. 5:45 p.m. Rotary Park bathrooms – Debra Gustafson

V. OTHER BUSINESS

VI. ADJOURNMENT

Agenda Information Memorandum
North St. Paul City Council Workshop
September 18, 2018

FROM THE OFFICE OF THE ADMINISTRATION AND FIRE DEPARTMENT

Subject: Rotary Park Restroom Project

To: Honorable Mayor and City Council

Background/Facts:

- In 2013, Rotary Club of North St. Paul, Maplewood and Oakdale developed the attached Master Plan for Rotary Park. On March 5, 2013, City Council adopted the Master Plan. As noted on the Council approved resolution phase two of the Master Plan includes construction of permanent restrooms.
- Since the Master Plan was adopted Rotary Club has invested countless hours and financial resources into the park, so far they have invested \$51,100 to improve Rotary Park.
- Park improvements Rotary Club have funded include: drinking fountain, two open aired shelters, bike racks, flag poles, rain garden, photo eye, monument sign, cement, picnic tables and benches.
- Attached are the building plans for the restrooms. The restroom plans have been reviewed and approved by City Engineer Dawley.
- The Parks and Recreation Commission reviewed the proposed restrooms at their June 27, 2018 regular meeting and provided the following feedback:
 - They recommend making both restrooms gender neutral.
 - Expressed some concerns regarding the possibility of people sleeping in the restrooms and vandalism.
 - Also had some concerns regarding ongoing maintenance costs and utility costs.
- Rotary recommends keeping the restrooms gender specific since the Rotary Club recommended gender specific restrooms and it has also been noted by our cleaning crew that men's restroom with a designated urinal are easier to keep clean and maintained.
- Since the parcel where the restrooms will be constructed is on land in DNR's name. Staff and Rotary Club are working with the DNR to update the cooperative agreement to include the restroom facility. City Staff, Rotary, and the DNR met onsite at Rotary Park on September 10th to discuss the project. The DNR stated that they would be willing to update our cooperative agreement to include the restroom facility. The DNR stated that the updated cooperative agreement needs to be in place prior to the start of construction.
- The DNR completed an ADA assessment of the restrooms, their feedback has been shared with the building architect and incorporated into the project plans. The building plans meet ADA requirements.

Financial Impact:

- City staff has submitted several grant applications for the Federal Recreational Trails Grant Program to secure funding for the project, both grant applications were unsuccessful. After the failed grant attempts, Rotary Club has taken it upon themselves to raise the funds through in-kind donations, monetary donations and Rotary Club Grants.

- Rotary Club has raised all necessary monetary and in-kind donations to build the restrooms, with the exception of SAC fees and earthwork (grading and fill). Attached is their project budget and funding information. The estimated project cost is \$89,000.
- Rotary has requested the City waive city building permit fees and pay for the Metropolitan Council SAC Fee in the amount of \$2,485 and earthwork (grading and fill) in the amount of \$5,900. City staff is currently in discussions with a contractor regarding possibly having the earthwork donated.
- After completion of the project the City would be responsible for facility maintenance, utilities (electricity and water) and supplies (They are planning to install electric dryers, only toilet paper would be needed). All funding would be paid for through the City's Building Maintenance Fund. Listed below is a breakdown of the estimated annual costs:
 - Cleaning:
 - High Season (April-October) Every-other day:
15 days X \$30 per cleaning X 7 months = \$3,150*
 - Low Season (November-March) Twice a week:
8 days X \$30 per cleaning X 5 months = \$1,200*
 - Supplies:
 - Toilet Paper (No Paper towels, electric hand dryers will be installed)
\$30/per case X 12 = \$360
 - Portable Restroom:
 - Cost savings of \$130 per month since it will no longer be needed.

Annual budget increase

Cleaning	\$4,350:
Supplies:	\$360
Portable Restroom:	<u>-\$1,560</u> (cost savings)
	\$3,150 + Utilities

*May potentially need to increase frequency, depending on level of usage.

Project Timeline

If the proposed project is approved by Council, Rotary Club would like to start construction at the end of September. Prior to the start of the project construction the City needs to obtain the updated cooperative agreement from the DNR. The project is estimated to take two months. Rotary Club is hoping to have the project completed by November 2018.

Recommendation: It is recommended that City Council review and comment on the Rotary Park Restroom Project. The proposed project is listed on the September 18, 2018 regular City Council Meeting Agenda to be considered for City Council approval.

Attachments:

Rotary Park Master Plan
 Rotary Park Master Plan Resolution
 Rotary Park Restrooms Building Plans
 Project Compliance Report
 Rotary Project Budget and Funding

Respectfully submitted,

/s/ SD by mm

Scott Duddeck
Fire Chief

/s/ DG by mm

Debra Gustafson
Strategic Operations Director

APPROVED FOR AGENDA ENCLOSURE:

/s/ CW by mm

Dr. Craig Waldron
City Manager



Rotary Park Master Plan

February 2013

Rotary Club
City of North Saint Paul





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The Site

The Site

Rotary Park is adjacent to the Gateway Trail between 1st and 2nd Streets and sits just south of Highway 36. It is easily accessible from the downtown area, community center, North High School, and the public works facility. Natural amenities of the site include open green space, a pond, and mature oak trees. Improvements were recently made, including the construction of 31 parking spaces, park lighting, sanitary and water services, a drinking fountain, temporary restroom facilities, and interpretive signage.

The proposed site plan for Rotary Park includes a permanent restroom facility and shelter, additional picnic tables, park signage, bike racks, flagpoles, and a Rotary interpretive area. A walking trail around the dry pond is included in one of the site plans as a potential option.

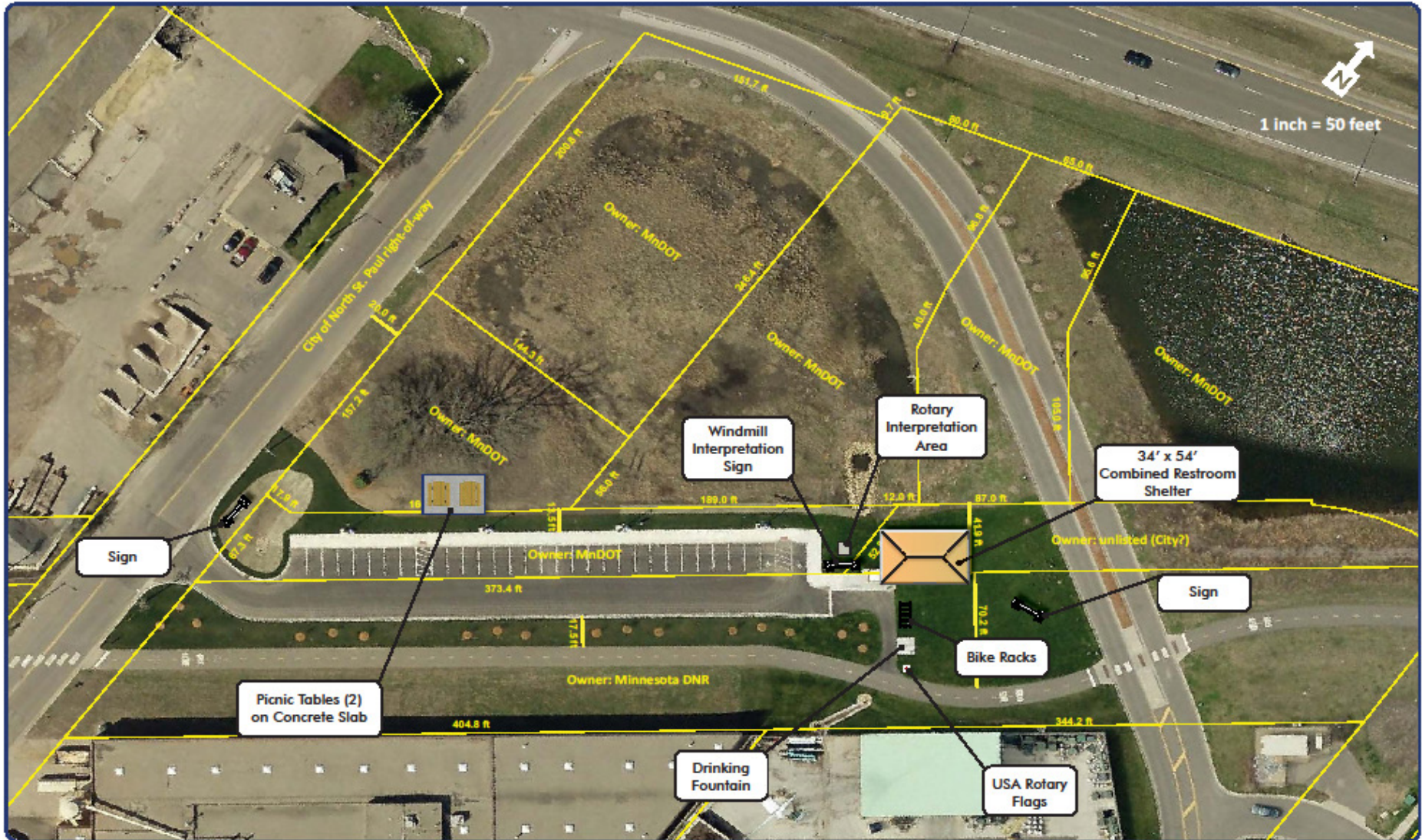


Environmental Commitment

Recently designated as a Minnesota GreenStep City, North Saint Paul's commitment to the environment has generated many successes, many of which have been recognized on a national level. With its location on the Gateway trail and its proximity to the public works facility and wind generator, Rotary Park is an ideal location to showcase the City's continued commitment toward progress in sustainable practices.

Proposed Site Plan

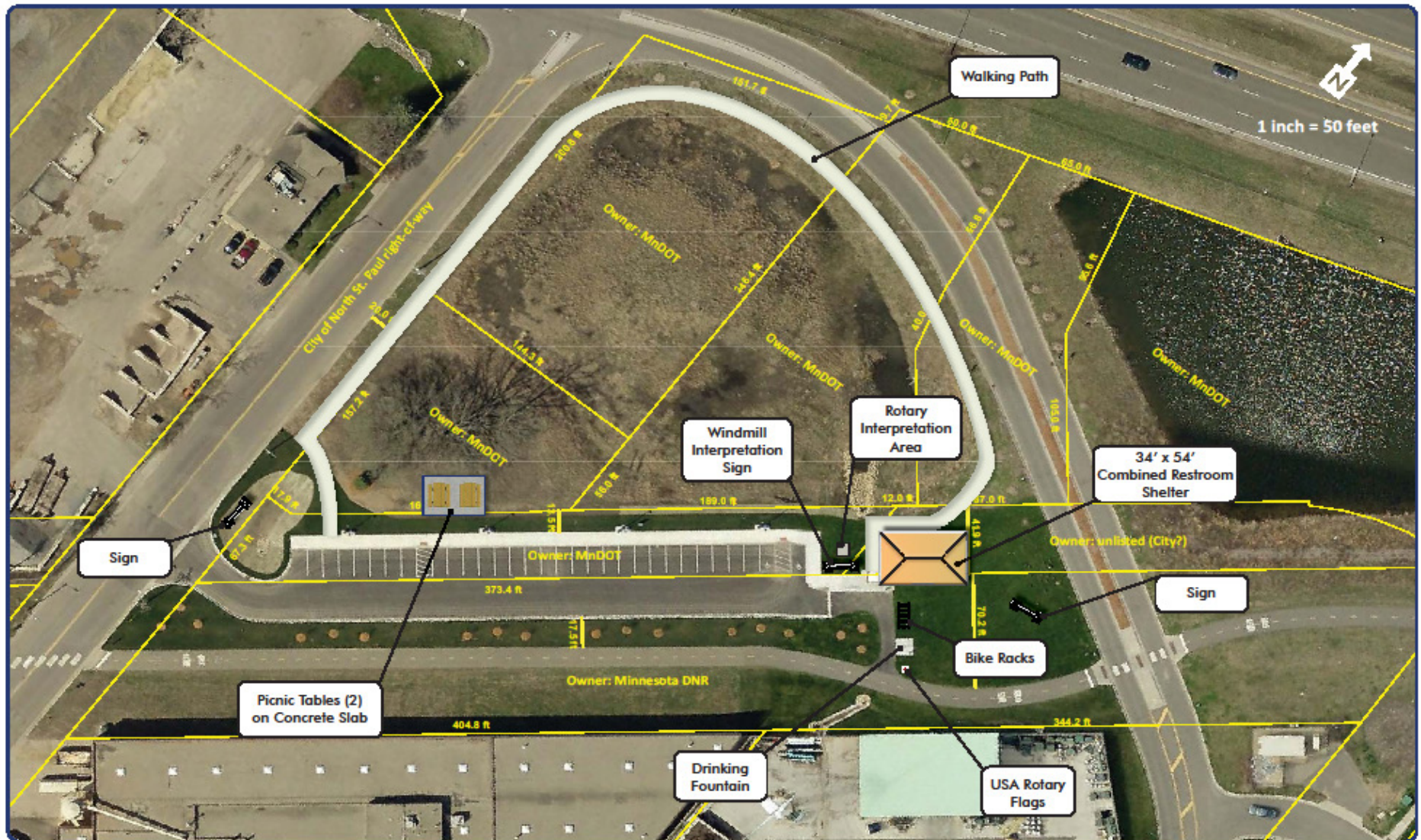
Option #1: Combined Shelter/Restroom; No Walking Path



This Site Plan was prepared by WSB & Associates, Inc. Note: This is not intended to be a final site plan

Proposed Site Plan

Option #2: Combined Shelter/Restroom; Walking path around pond



This Site Plan was prepared by WSB & Associates, Inc. Note: This is not intended to be a final site plan



Design Guidelines

Suggestions

- Create one larger shelter to accommodate Rotary and community events, rather than several small shelters
- Consider combining the park shelter and permanent restroom facility into one structure to minimize cost (shown at right)
- Set the structures back from the trail near the current restroom facility and dry pond to maintain a sense of openness and to avoid impairing the view. This will draw visitors into the site and encourage them to explore
- When appropriate, look to the surrounding context of buildings for inspiration on building materials (shown below)
- Incorporate natural and sustainable building materials
- Incorporate the influences of the trail and nature
- Install LED lights, low-flow toilets and sinks, and other energy-efficient strategies whenever feasible



Combined Restroom Facility and Shelter
Mahtomedi, MN



City Hall and Post Office



Public Works Building

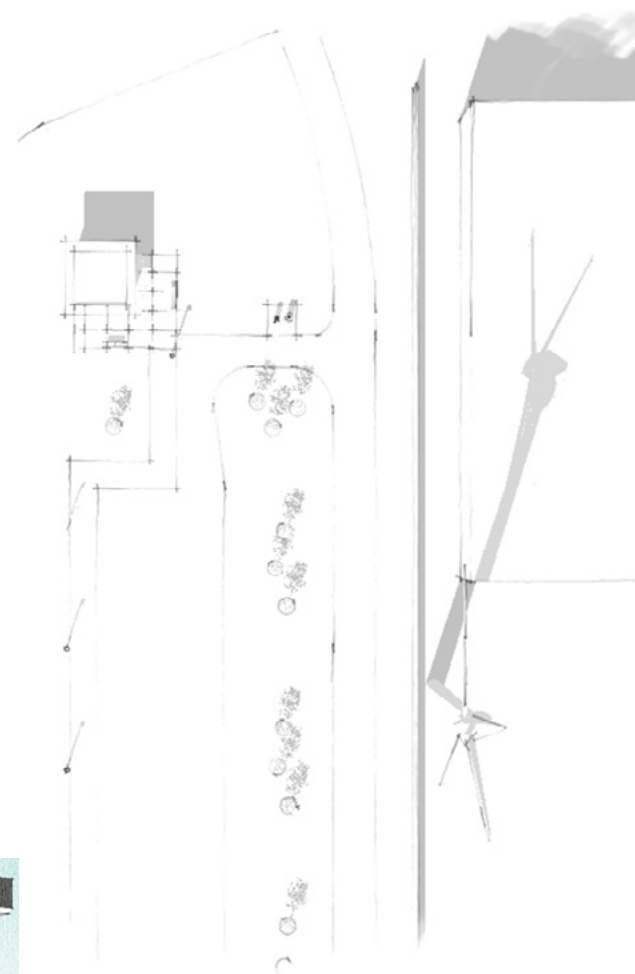
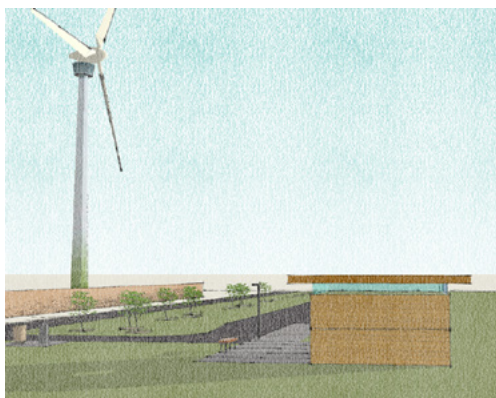


Public Works Building



Design Alternative #1

Modern and Sustainable



Note: Design and renderings created by Crystal Neff, former Intern with the City.



Design Alternative #2

Nature Influence





Design Alternative #3

Energy Production



Green Roof



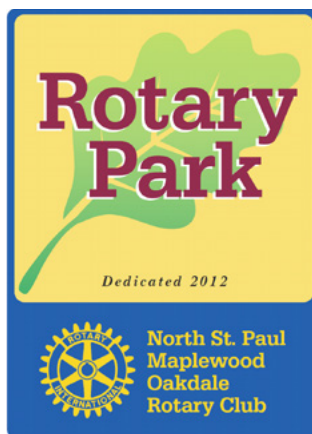
Solar Panels on Roof



Signage

Considerations

- Rotary Park welcome signs should brand the site according to the shared goals and objectives of the City and the Rotary Club
- Consider monument signs (shown at right)
- Incorporate the logos and mission of both the City and the Rotary
- Consider electronic monument signs to allow advertisements for businesses (shown at right)
- Text should be readable for trail users and vehicular traffic on North Saint Paul Drive and 2nd Street
- Do not try to make signs visible from Highway 36



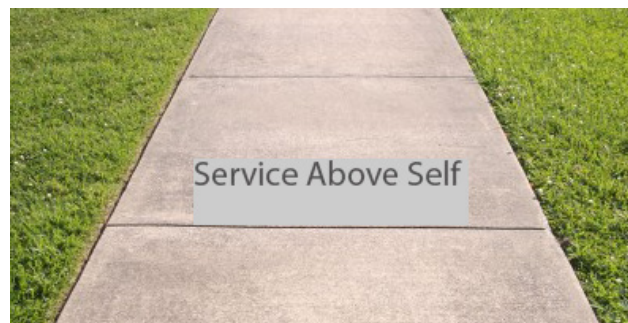
At left: Sign designs could be tweaked to incorporate the colors (maroon and navy blue) and font of North Saint Paul



Signage

Considerations

- Identify more creative and less visually obstructive ways to communicate information, including sidewalk messages and art
- Consider including interpretive signage near the park shelter and restroom facility that explains the purpose of the Rotary Club and highlights some of their work locally, nationally, and internationally
- Consider other ways to communicate Rotary's mission, such as a well or donated art





Events and Programming

With the new facilities at Rotary Park, the Rotary Club will have a unique outdoor venue for various events and programs and can become active in programming the park. Some ideas for programming include holding weekly club meetings, monthly board meetings, ice cream social events, community service activities, arbor day events, 5k runs, biking events, and many more. Programming should be considered so the site can be used during all four seasons.



Gateway Trailhead Dedication



Tour de North St. Paul 5k Run



Gateway Trailhead Dedication



City Council Ice Cream Social

February 11	-----	Meeting with City and Rotary Club to Discuss Master Plan
February 12	-----	Rotary Club Board Meeting to determine funding contribution
February 28	-----	City turns in application for Federal Recreational Trails grant from the State of Minnesota
June	-----	City notified about Federal Recreational Trails grant

Late Summer ----- Begin construction on restroom facility and park shelter
October or November ----- Hold Ceremony to Dedicate new park facilities



Project Cost

	Materials	Labor	Total Cost
Permanent Restroom Facility			\$104,010.00
Painting	\$500.00	By Rotarians	\$500.00
Rotary Sign (3)	\$2,500.00	\$800.00	\$3,300.00
Picnic Tables (4)	\$3,200.00	By Rotarians	\$3,200.00
Benches (3)	\$2,000.00	By Rotarians	\$2,000.00
Bike Racks (3)	\$1,000.00	By Rotarians	\$1,000.00
Flag Poles (2)	\$0	By Rotarians	\$0
Plumbing	\$1,000.00	\$400.00	\$1,400.00
Electrical	\$0	By Rotarians	\$0
Site work Excavation	\$2,000.00	By Rotarians	\$2,000.00
Site Concrete	\$6,500.00	\$6,500.00	\$13,000.00
Total Cost	\$25,400.00	\$23,700.00	\$153,910.00

Note: Cost estimates are based largely on a cost sheet prepared by Rotary members in January.



Funding

Rotary Club

At their February board meeting, the Rotary Club decided to contribute \$25,000 to project over the next five years. Additional funding opportunities exist from a Rotary Foundation grant of up to \$15,000, which the Rotary Club plans to apply for.

City of North Saint Paul

The City worked with the DNR to apply for a Federal Recreational Trails grant from the State of Minnesota. This grant provides funds for trail connections as well as trail facilities. The maximum permissible request is \$150,000. The application was due on February 28, 2013, and the awards are announced by June 2013.

If the City is not awarded funds through this grant, funding may be available from the DNR for Fiscal Year 2014.



CITY OF NORTH ST. PAUL

RESOLUTION NO. 2013-037

RESOLUTION ADOPTING ROTARY PARK MASTER PLAN

WHEREAS, City staff has requested adoption of the recently completed Rotary Park Master Plan for phase two of construction at the trailhead site; and

WHEREAS, Phase one included the construction of 31 parking spaces, park lighting, a temporary restroom facility, drinking fountain, and interpretive signage; and

WHEREAS, Phase two will involve the construction of a permanent restroom facility and park shelter, additional signage, picnic tables, flag poles, and possibly a walking path; and

WHEREAS, the Master Plan includes the shared goals and objectives of the City and the Rotary Club, proposed site plans, design guidelines for structures and signage, suggestions for event programming, project costs, and funding sources; and

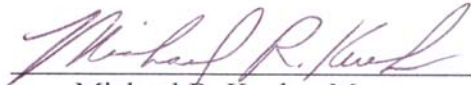
WHEREAS, the City has also submitted a Federal Recreational Trails grant application administered by the State of Minnesota to secure additional funds for the trail facilities; and

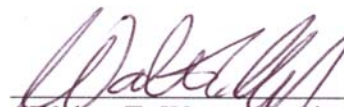
NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of North St. Paul, it hereby adopts the Rotary Park Master Plan as presented.

ADOPTED this 5th day of March, 2013.

Motion by Council Member Walczak
Second by Council Member Petersen

Voting: Aye: Council Member Furlong
 Council Member Petersen
 Council Member Walczak
 Council Member Thorsen
 Mayor Kuehn
 Nay: None
 Abstain: None
 Absent: None


Michael R. Kuehn, Mayor

Attest: 
Walter T. Wysopal, City Manager



BUILDING CODE INFORMATION:

PROJECT:
PUBLIC RESTROOMS WITH MECHANICAL ROOM

LOCATION:
ROTARY PARK
GATEWAY STATE TRAIL
NORTH ST. PAUL, MN 55109

DESCRIPTION:
THE ROTARY CLUB OF NORTH ST PAUL MAPLEWOOD OAKDALE AND THE CITY OF NORTH ST PAUL ARE PROPOSING TO BUILD A RESTROOM FACILITY FOR MEN AND WOMEN IN AN EXISTING PARK AREA OFF OF THE GATEWAY STATE TRAIL.

CODES USED:
2015 MINNESOTA STATE BUILDING CODE INCORPORATING THE FOLLOWING, WITH AMENDMENTS:

- 2012 INTERNATIONAL BUILDING CODE (IBC)
- 2012 MINNESOTA STATE PLUMBING CODE PER MN CHAPTER 4715
- 2012 INTERNATIONAL MECHANICAL CODE (IMC) W/ MN AMENDMENTS PER CHAPTER 1346
- 2014 NATIONAL ELECTRIC CODE (NEC) W/ MN AMENDMENTS PER CHAPTER 1315
- 2012 INTERNATIONAL FIRE CODE (IFC) W/ MN AMENDMENTS PER CHAPTER 7511
- 2015 MINNESOTA ENERGY CODE: 90.1-2010
- 2015 MINNESOTA ACCESSIBILITY CODE: ICC A117.1-2009 STANDARD W/ MN AMENDMENTS PER MN CHAPTER 1341

OCCUPANCY CLASSIFICATION:
U

AREA:
14'-4 x 16'-8 = 238.9 SF

OCCUPANT LOAD:
2 PER RESTROOM = 4

ALL RESTROOM FIXTURES TO MEET 2015 MINNESOTA ACCESSIBILITY CODES.

DIAPER CHANGING STATIONS IN EACH RESTROOM.

BUILDING DOES NOT REQUIRE AN AUTOMATIC SPRINKLER SYSTEM.

ALL DOORS ARE 3'-0 x 7'-0 INSULATED HOLLOW METAL.

BUILDING MEETS 2015 MINNESOTA ENERGY CODE: 90.1-2010 (SEE ENERGY CODE REPORT)

ACCESSIBLE FROM TRAIL, PARKING, AND PARK.

PLANS THAT WILL BE SUBMITTED TO BUILDING DEPARTMENT BY OTHERS:
MECHANICAL
PLUMBING
ELECTRICAL

GENERAL NOTES:

- ALL WORK SHALL CONFORM TO APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND SHALL PAY ALL REQUIRED FEES FOR THIS WORK.
- THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND REPORT TO NAI ARCHITECTS, IN WRITING, ANY DISCREPANCIES IMMEDIATELY UPON DISCOVERY.
- ALL BLOCKING WITHIN PARTITIONS SHALL BE NON-COMBUSTIBLE.
- UNLESS OTHERWISE NOTED, DIMENSIONS FOR ALL NEW WORK ARE MEASURED FROM FACE OF FINISH. DIMENSIONS REFERRING TO EXISTING WORK ARE MEASURED FROM FACE OF EXISTING FINISH.
- EXISTING WALLS TO REMAIN, SHALL BE REPAIRED AND REFINISHED AS REQUIRED TO PROVIDE A SMOOTH AND UNIFORM SURFACE FOR THE APPLICATION OF NEWLY INDICATED FINISHES.
- THE CONTRACTOR SHALL, AT ALL TIMES, KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH CAUSED BY THE WORK. AT THE COMPLETION OF THE WORK, CONTRACTOR SHALL REMOVE ALL WASTE MATERIALS AND RUBBISH FROM AND ABOUT THE PROJECT AS WELL AS ALL TOOLS, CONSTRUCTION EQUIPMENT AND MACHINERY.
- ALL SURPLUS EQUIPMENT AND MATERIALS ARE THE PROPERTY OF THE OWNER. CONTRACTOR SHALL COORDINATE WITH THE OWNER THE DISPOSAL OF ANY AND ALL SURPLUSES.
- ALL WORK SHALL BE PERFORMED IN A MANNER WHICH LEAST DISRUPTS THE BUSINESS PROCEDURES OF ANY NEIGHBORING BUSINESSES.
- THE CONTRACTOR SHALL INDIVIDUALLY WARRANT FOR ONE YEAR ALL MATERIALS AND WORKMANSHIP EXCEPT AS OTHERWISE AGREED.
- ALL 'HOLD' DIMENSIONS ARE CRITICAL.
- GC TO REVIEW AND VERIFY ALL DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY INCONSISTENCIES WITHIN THE CONSTRUCTION DOCUMENTS ARE TO BE REPORTED TO NAI ARCHITECTS IMMEDIATELY.

SHEET INDEX:

TITLE SHEET & GENERAL NOTES

G001 TITLE SHEET & GENERAL NOTES

CIVIL

C101 EXISTING CONDITIONS
C102 PROPOSED SITE PLAN
C103 ENLARGED PROPOSED SITE PLAN

ARCHITECTURAL

A101 FLOOR PLAN
A201 EXTERIOR ELEVATIONS
A301 BUILDING SECTIONS
A302 BUILDING SECTIONS
A401 INTERIOR ELEVATIONS
E101 PROPOSED POWER AND LIGHTING LAYOUT

STRUCTURAL

S101 FOUNDATION PLAN

PROJECT TEAM:

OWNER:
ROTARY CLUB OF NORTH ST PAUL MAPLEWOOD OAKDALE
PO BOX 9248
NORTH ST PAUL, MN 55109
ATTN: SHAWN BERRY

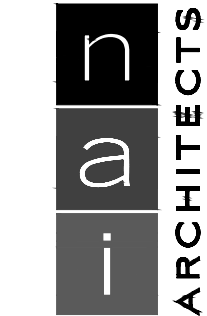
P.651.964.0742
Web: nstpmorotary.org

ARCHITECT:
NAI ARCHITECTS, INC.
1959 SLOAN PLACE, SUITE 100
MAPLEWOOD, MINNESOTA 55117

P.651.487.3281
Web: nai-architects.com

GENERAL CONTRACTOR:
LS BLACK CONSTRUCTORS
1959 SLOAN PLACE, SUITE 220
MAPLEWOOD, MINNESOTA 55117

P.651.774.8445
Web: lsblack.com



1959 Sloan Place, Suite 100
Maplewood, MN 55117
Phone: (651) 487-3281
Fax: (651) 487-3283
NAI-Architects.com

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the state of Minnesota.
Signature:
Typed Name: JOHN K. GASPAR
Date: 09/12/2018 Reg. No. 16430



ROTARY PARK

RESTROOMS

Gateway State Trail
North St Paul, MN 55109

File Name:
W:\2018026 Rotary Park Restrooms\cad
2018026_A4001-TTL_18-0723.dwg
Last Modified:
Sep 12, 2018
Plot Date:
Sep 12, 2018 at 09:25am

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Issues & Revisions:

	04/19/2018
	ISSUE FOR BIDDING
	09/12/2018
	ISSUE FOR CITY COUNCIL

Comm. No.: 2018026

Drawn By: SB

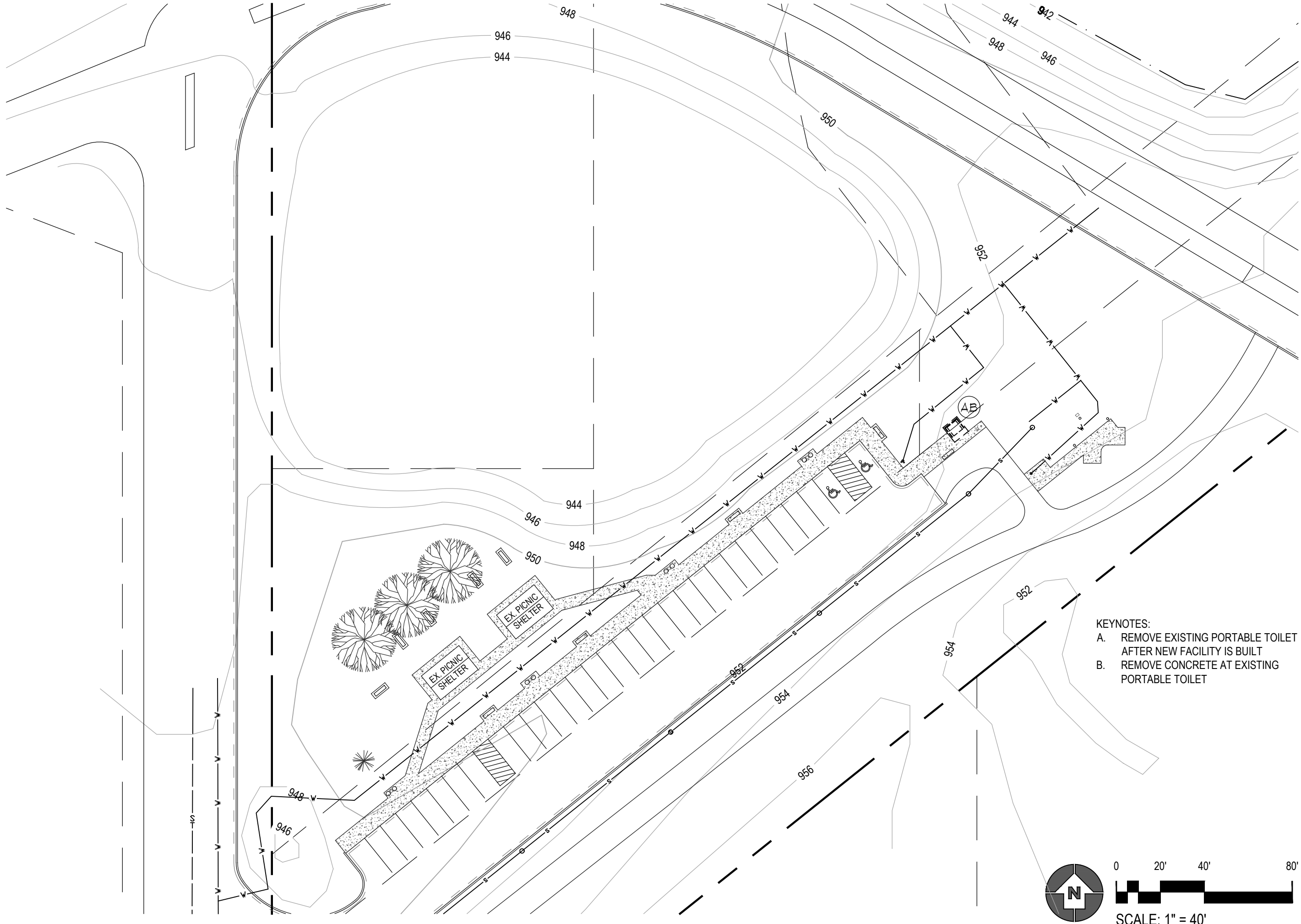
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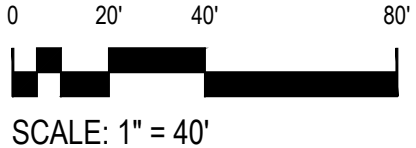
TITLE
SHEET

Sheet No.:

G001



- KEYNOTES:
- A. REMOVE EXISTING PORTABLE TOILET AFTER NEW FACILITY IS BUILT
 - B. REMOVE CONCRETE AT EXISTING PORTABLE TOILET



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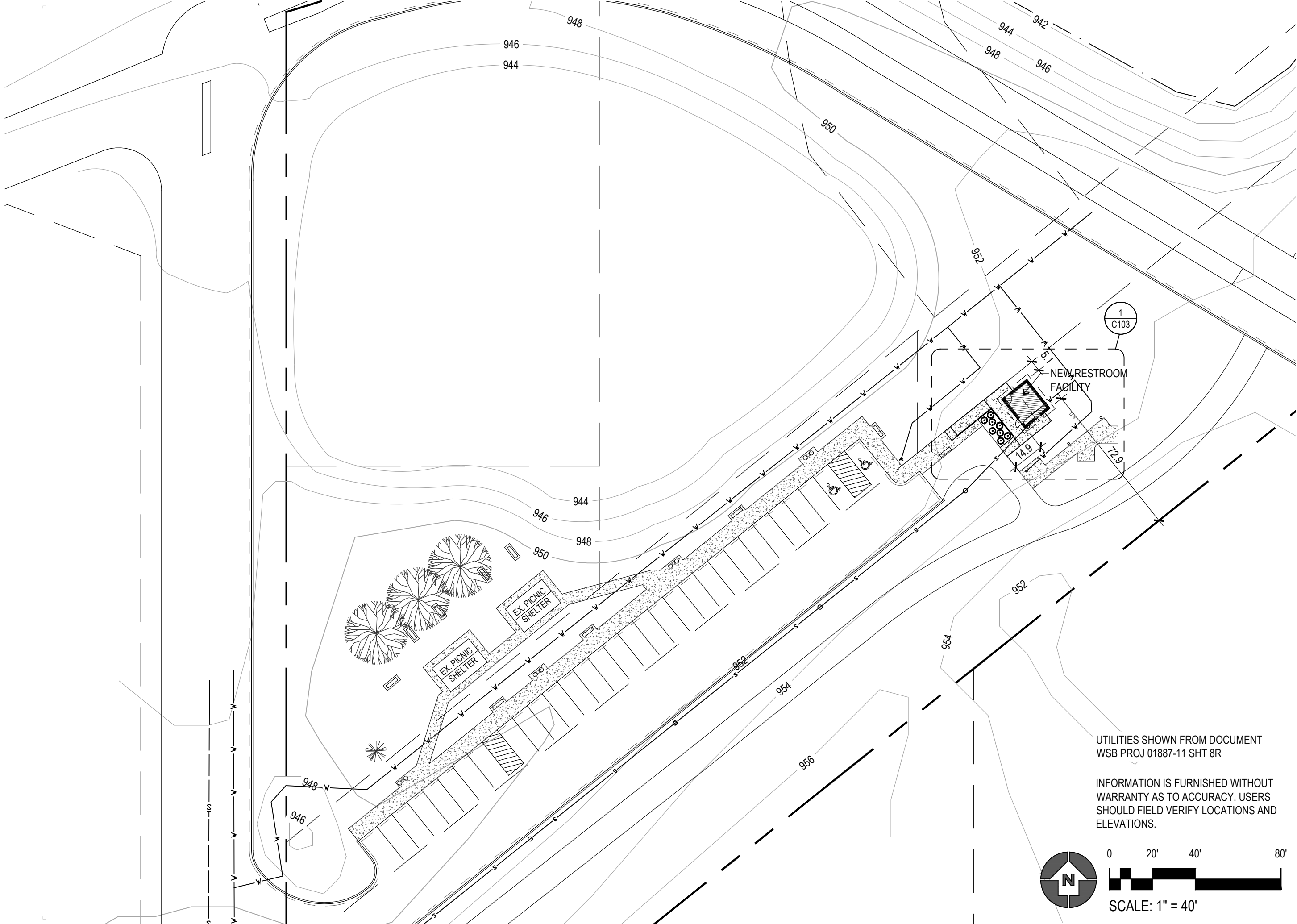
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Plot Date: Sep 12, 2018 at 09:26am
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04/19/2018	ISSUE FOR BIDDING
09/12/2018	ISSUE FOR CITY COUNCIL

Comm. No.: 2018026
Drawn By: SB
Date: 09/12/2018

Sheet Name:
**EXISTING
SITE PLAN**

Sheet No.:
C101



1959 Sloan Place, Suite 100
Maplewood, MN 55117
Phone: (651) 487-3281
Fax: (651) 487-3283
NAI-Architects.com

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Signature:
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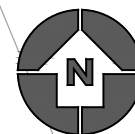
Sheet Name:
**PROPOSED
SITE PLAN**

Sheet No.:

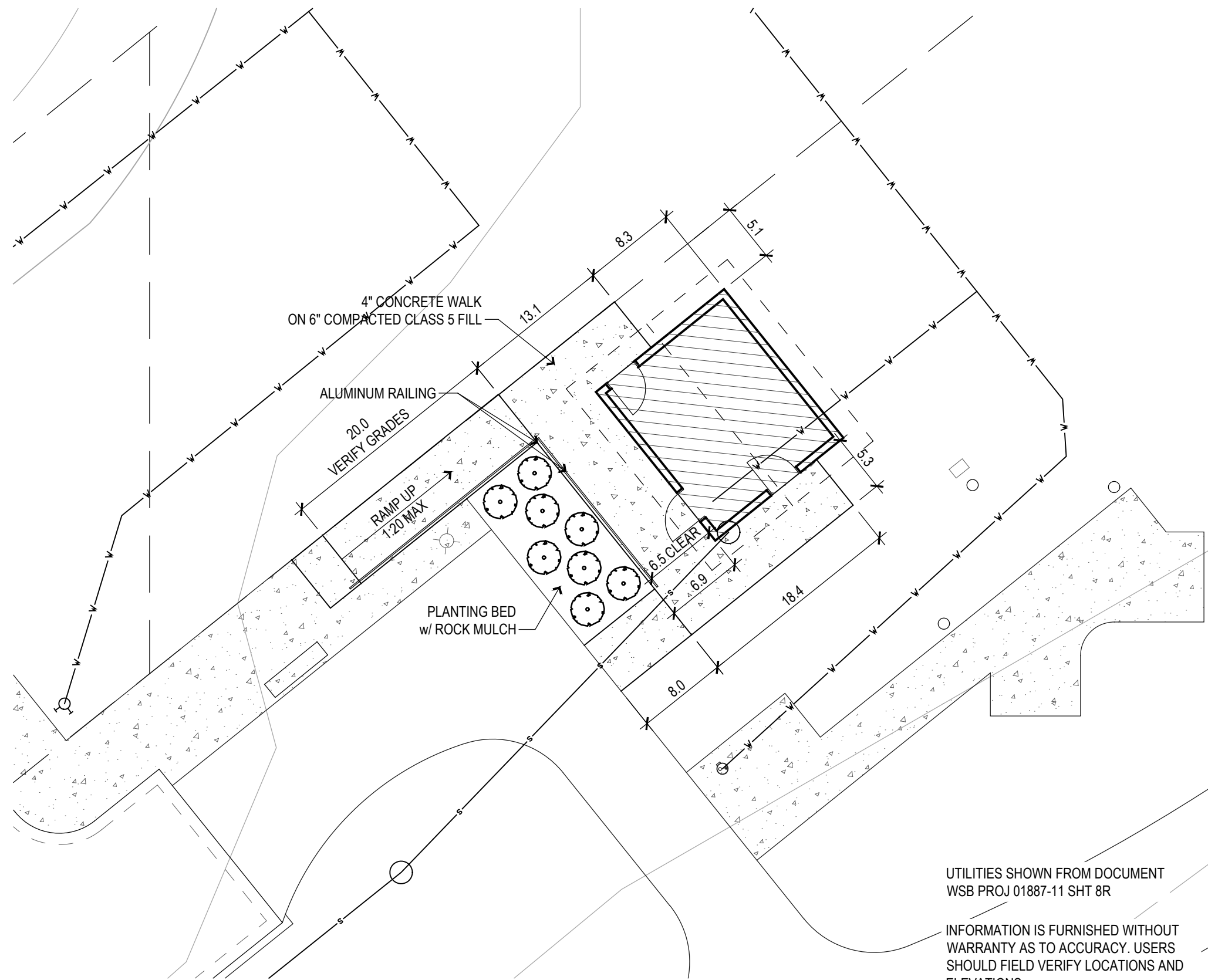
C102

UTILITIES SHOWN FROM DOCUMENT
WSB PROJ 01887-11 SHT 8R

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SHOULD FIELD VERIFY LOCATIONS AND
ELEVATIONS.

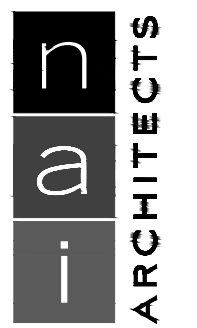
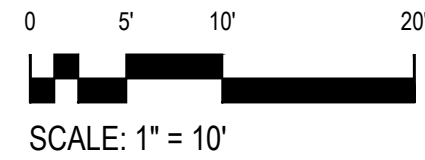


0 20' 40' 80'
SCALE: 1" = 40'



UTILITIES SHOWN FROM DOCUMENT
WSB PROJ 01887-11 SHT 8R

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Signature: *[Signature]*

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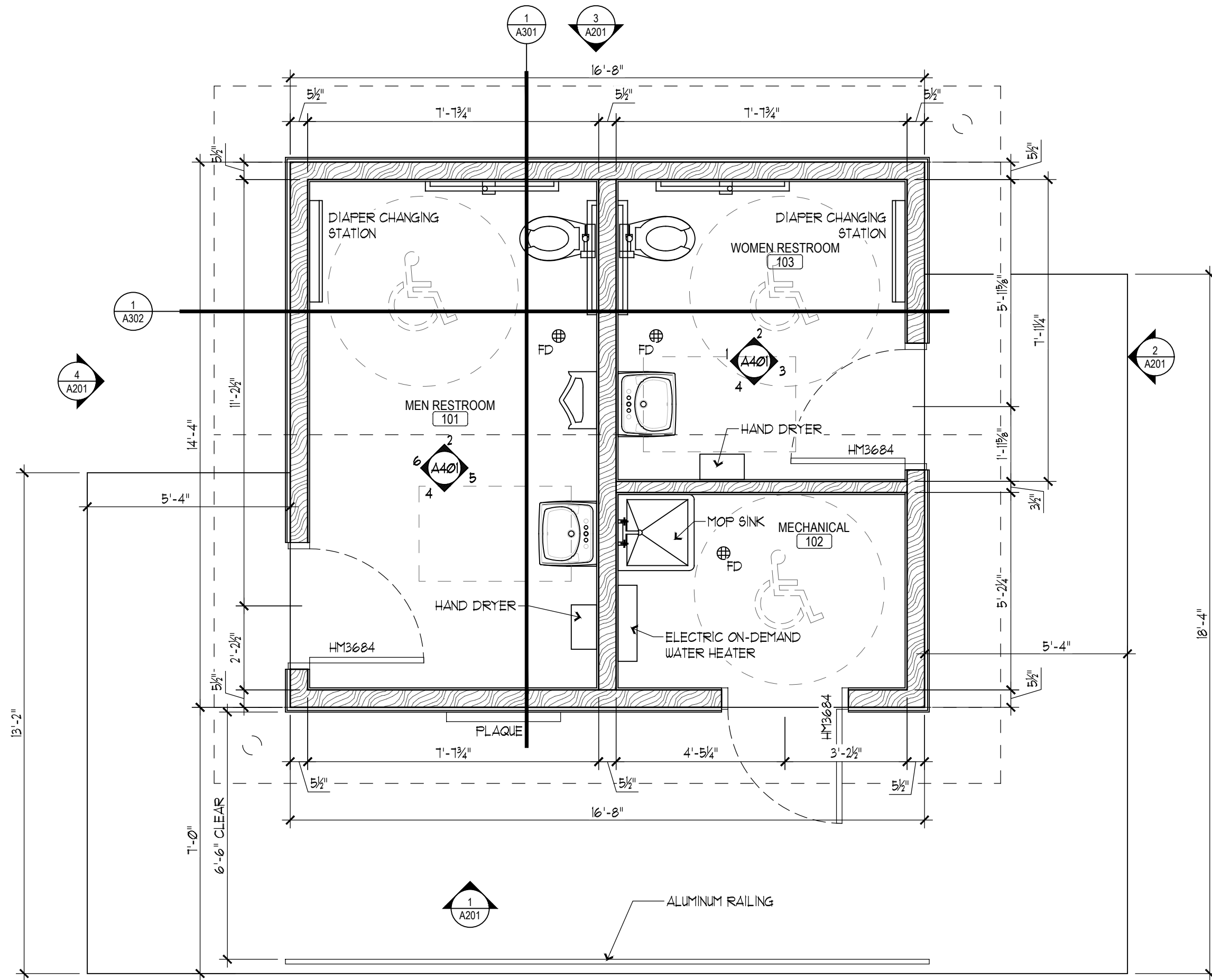
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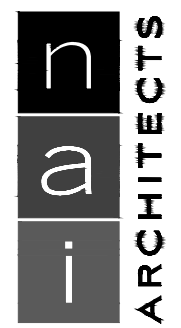
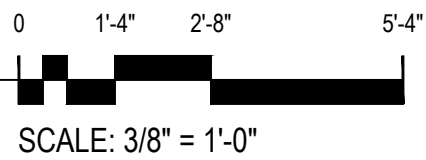
PROPOSED
SITE PLAN

Sheet No.:

C103



1 FLOOR PLAN
A101 SCALE: 3/8" = 1'-0"



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Typed Name: JOHN K. GASPAR
Date: 09/12/2018 Reg. No. 16430



ROTARY PARK

RESTROOMS

Gateway State Trail
North St Paul, MN 55109

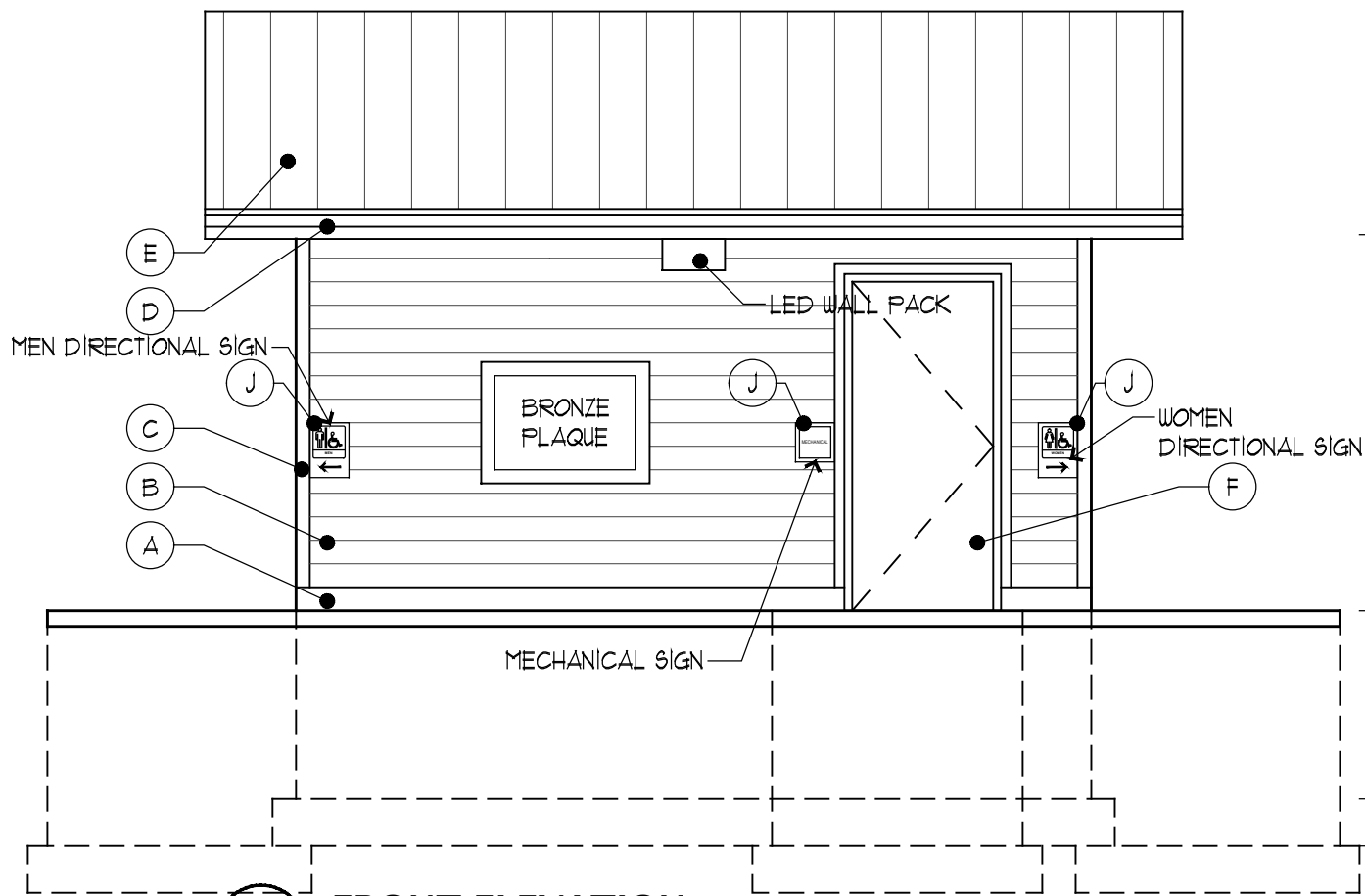
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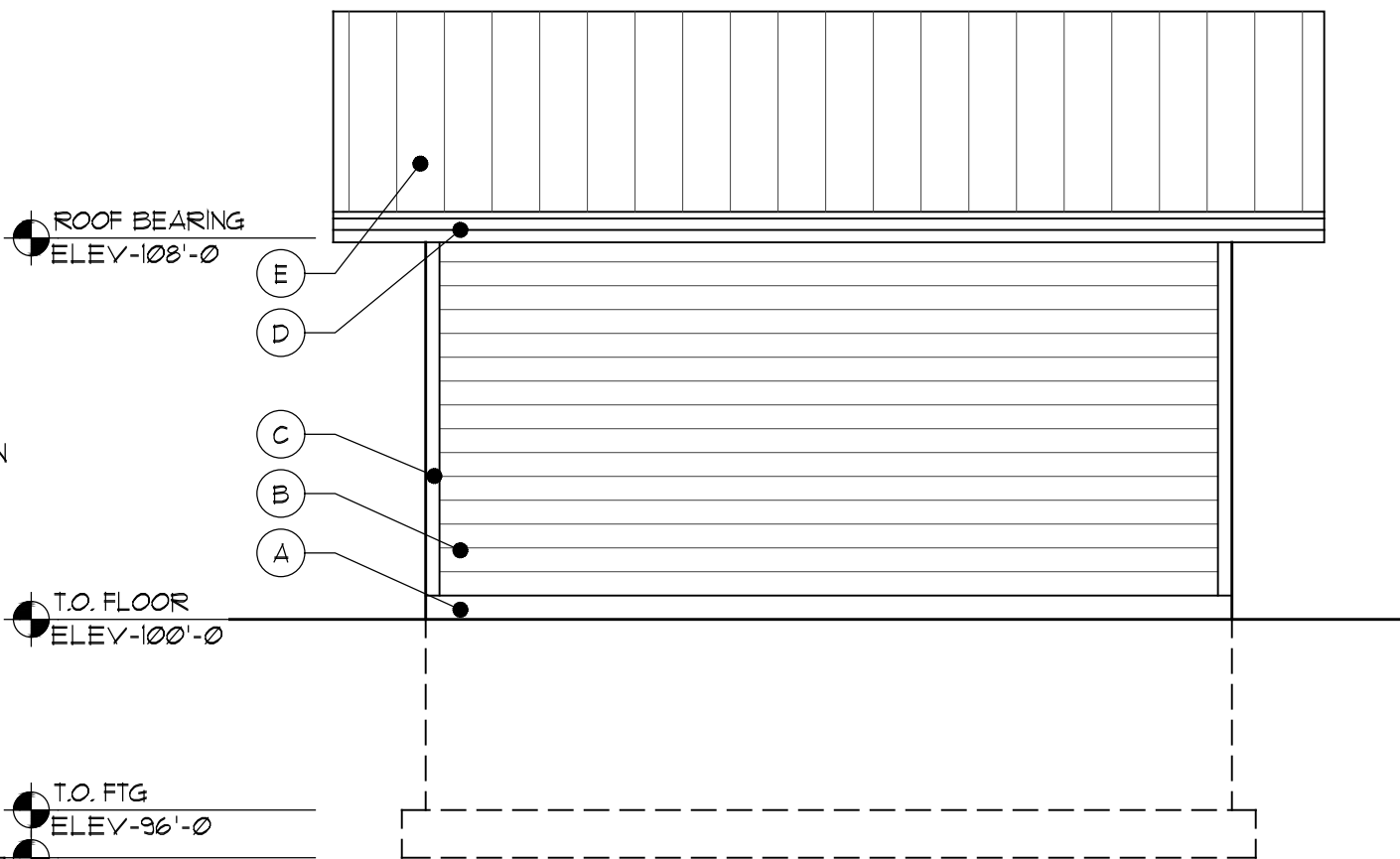
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FLOOR PLAN

Sheet No.:
A101



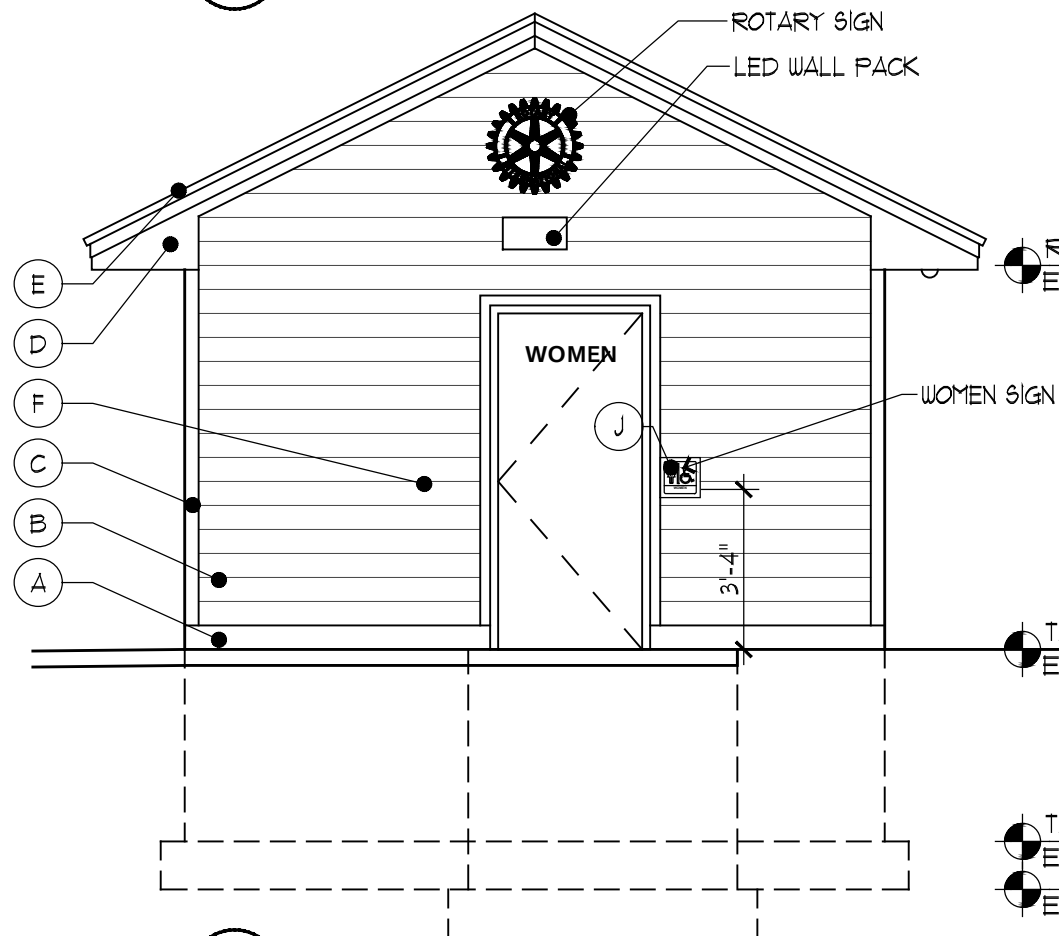
1 FRONT ELEVATION
A201

SCALE: 1/4" = 1'-0 REF: 1/A101



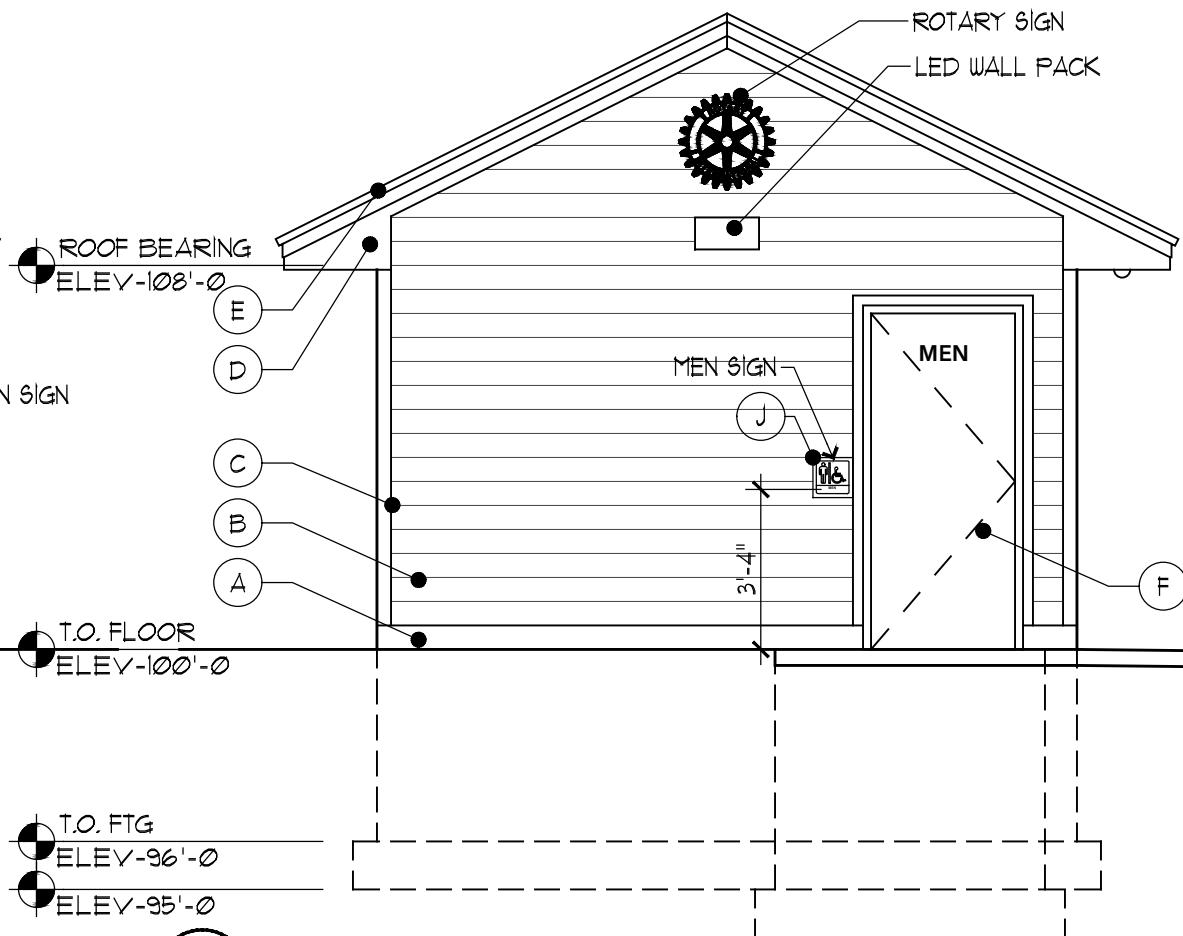
3 REAR ELEVATION
A201

SCALE: 1/4" = 1'-0 REF: 1/A101



2 SIDE ELEVATION
A201

SCALE: 1/4" = 1'-0 REF: 1/A101



4 SIDE ELEVATION
A201

SCALE: 1/4" = 1'-0 REF: 1/A101

EXTERIOR FINISH SCHEDULE			
ID	MATERIAL	FINISH	COLOR
A	CONCRETE		
B	CEMENTIOUS BOARD SIDING		
C	CEMENTIOUS TRIM BOARD		
D	PREFINISHED METAL FASCIA & SOFFIT		
E	PREFINISHED METAL SEAM		
F	ROOF		
J	INSULATED HOLLOW METAL DOOR (PAINT)		
H	ALUMINUM MAINTENANCE FREE RAILING		
J	ADA SIGNAGE		
COLORS TO BE SELECTED BY ARCHITECT & OWNER			



ROTARY PARK

RESTROOMS

Gateway State Trail
North St Paul, MN 55109

File Name:
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2018026_A201-4.dwg, 19/09/18.dwg
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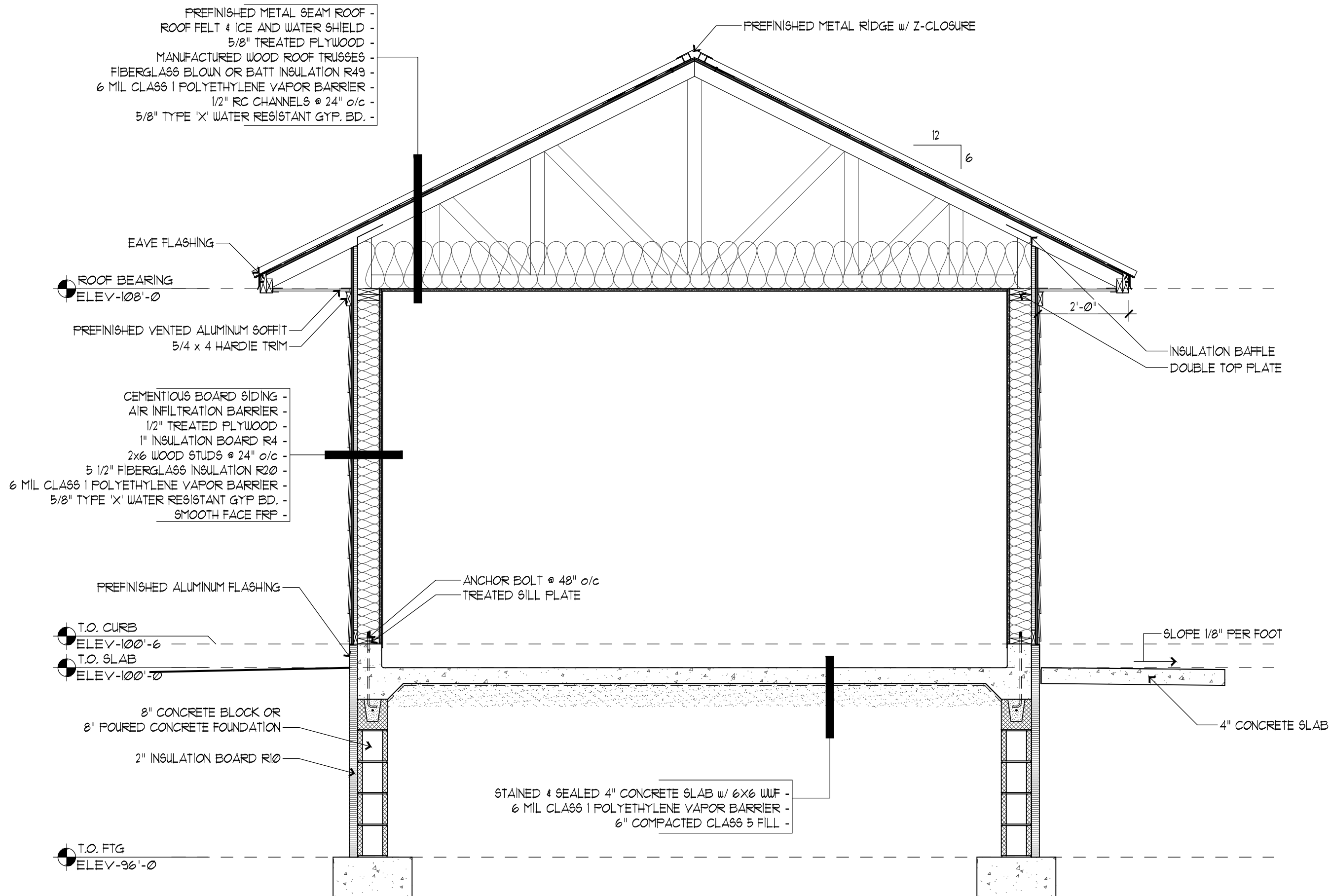
Date: 09/12/2018

Sheet Name:

EXTERIOR
ELEVATIONS

Sheet No.:

A201



1

A301

BUILDING SECTION

SCALE: 1/2" = 1'-0"

REF: 1/A101



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ROTARY PARK

RESTROOMS

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North St Paul, MN 55109

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Sheet Name:
BUILDING SECTION

Sheet No.:
A301

PREFINISHED METAL SEAM ROOF -
 ROOF FELT & ICE AND WATER SHIELD -
 5/8" TREATED PLYWOOD -
 MANUFACTURED WOOD ROOF TRUSSES -
 FIBERGLASS BLOWN OR BATT INSULATION R49 -
 6 MIL CLASS I POLYETHYLENE VAPOR BARRIER -
 1/2" RC CHANNELS @ 24" o/c -
 5/8" TYPE 'X' WATER RESISTANT GYP. BD. -

ROOF BEARING
 ELEV-108'-0"

CEMENTIOUS BOARD SIDING -
 AIR INFILTRATION BARRIER -
 1/2" TREATED PLYWOOD -
 1" INSULATION BOARD R4 -
 2x6 WOOD STUDS @ 24" o/c -
 5 1/2" FIBERGLASS INSULATION R20 -
 6 MIL CLASS I POLYETHYLENE VAPOR BARRIER -
 5/8" TYPE 'X' WATER RESISTANT GYP BD. -
 SMOOTH FACE FRP -

PREFINISHED METAL FLASHING
 & DRIP EDGE
 PREFINISHED ALUMINUM FLASHING

T.O. CURB
 ELEV-100'-6"
 T.O. SLAB
 ELEV-100'-0"

8" CONCRETE BLOCK OR
 8" POURED CONCRETE FOUNDATION

2" INSULATION BOARD R10

T.O. FTG
 ELEV-96'-0"

ANCHOR BOLT @ 48" o/c
 TREATED SILL PLATE

STAINED & SEALED 4" CONCRETE SLAB w/ 6X6 WUF -
 6 MIL CLASS I POLYETHYLENE VAPOR BARRIER -
 6" COMPACTED CLASS 5 FILL -

5/4 x 4 HARDIE TRIM
 HOLLOW METAL DOOR FRAME
 PAINT
 HOLLOW METAL DOOR
 PAINT

RAKE FLASHING
 PREFINISHED
 METAL FLASHING

RIGID INSUL. THERMAL BREAK
 #4 X 3'-0" L. AT 16" o/c
 #4 @ 16" o/c EA. SIDE
 SLOPE 1/8"
 PER FT.

4" CONC. SLAB w/
 #4 @ 16" o/c E.W.
 6" AIR SPACE,
 6X6 CARTON FORM
 FREE DRAINING
 NON-COMPACTED
 GRANULAR FILL

FILL TOP COURSE w/
 SLAB POUR (3 SIDES)
 16"x10" CONC. FTG.
 w/ (2) #5 CONT.

5'-0" MIN. COVER @ STOOP

1
 A302 **BUILDING SECTION**

SCALE: 1/2" = 1'-0"

REF: 1/A101



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 Typed Name: JOHN K. GASPAR
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**ROTARY
 PARK**

RESTROOMS

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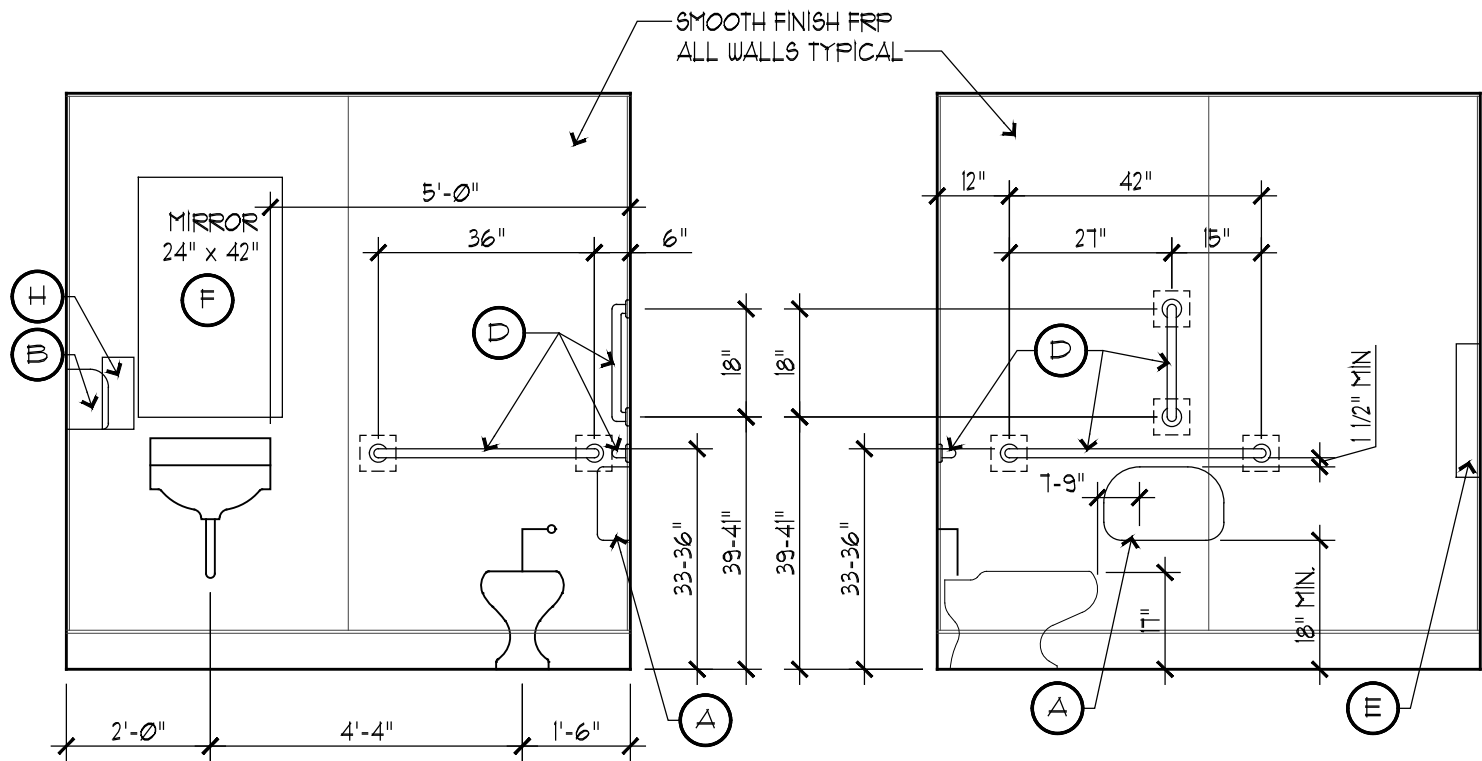
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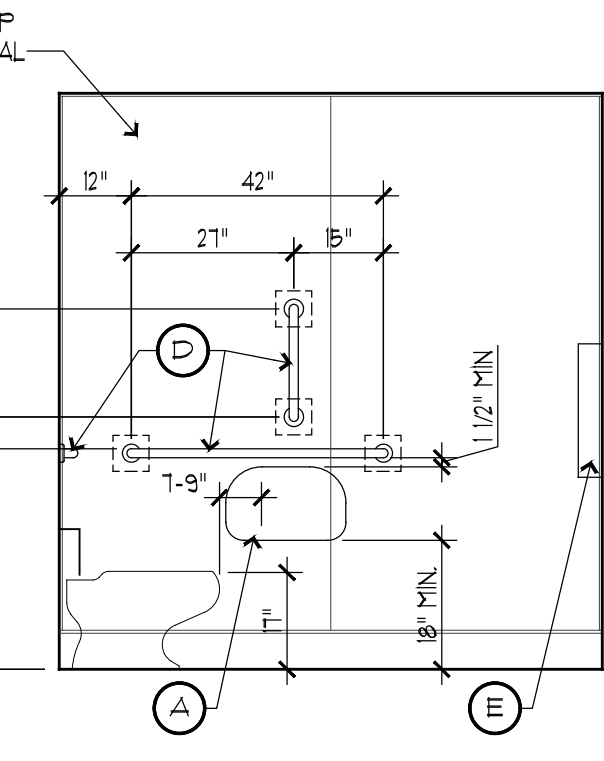
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Sheet Name:
**BUILDING
 SECTION**

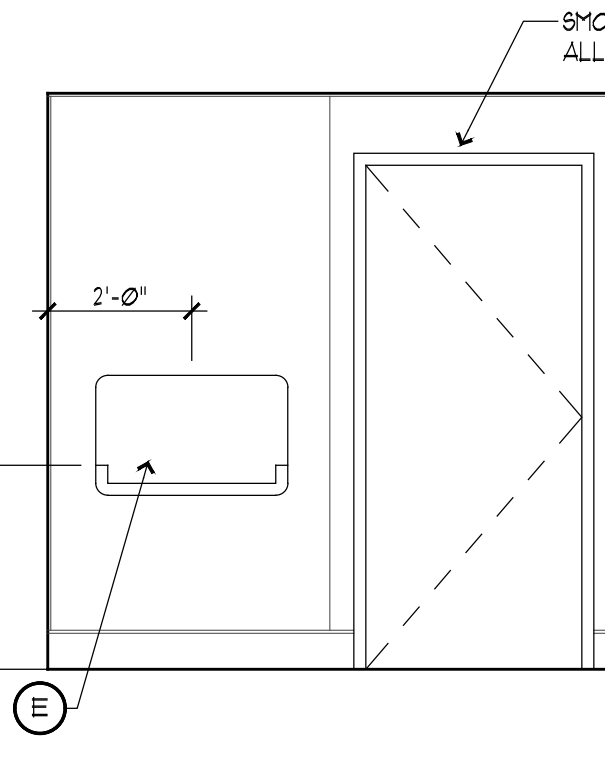
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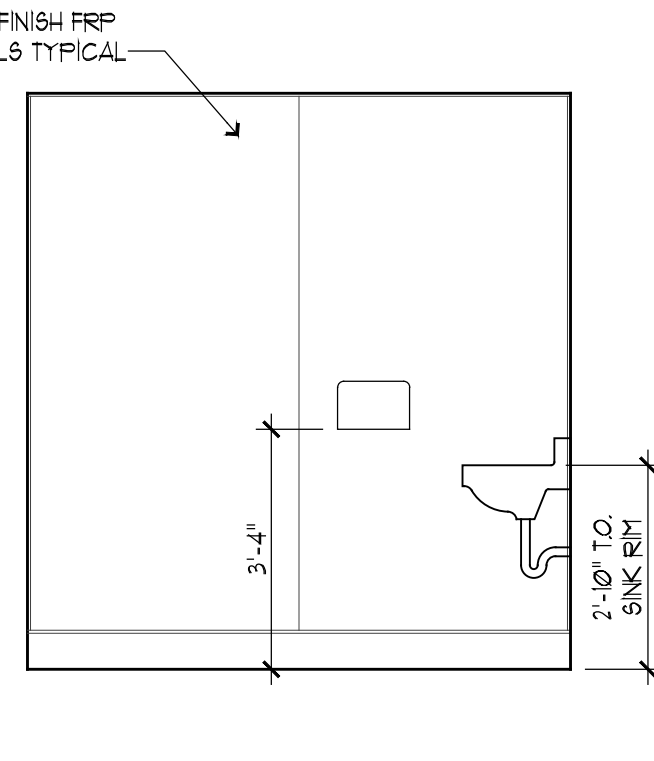
1 WOMEN RESTROOM
A401 SCALE: 3/8" = 1'-0"



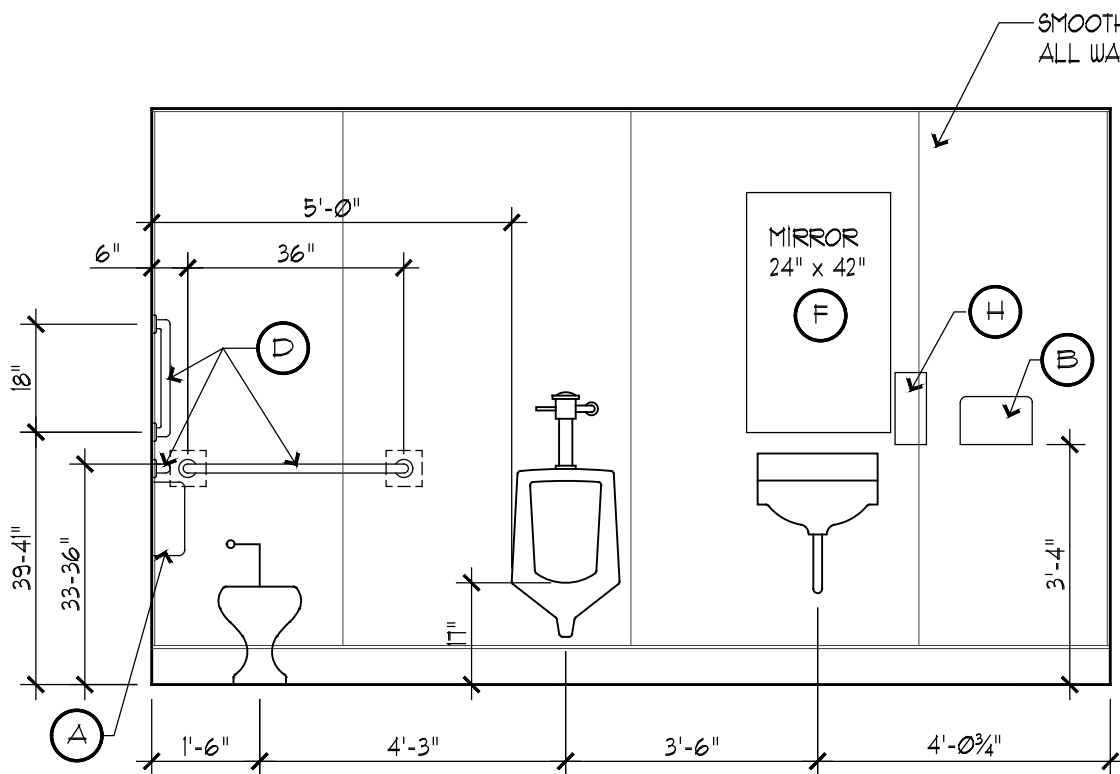
2 WOMEN RESTROOM
A401 SCALE: 3/8" = 1'-0" MEN RESTROOM REVERSED



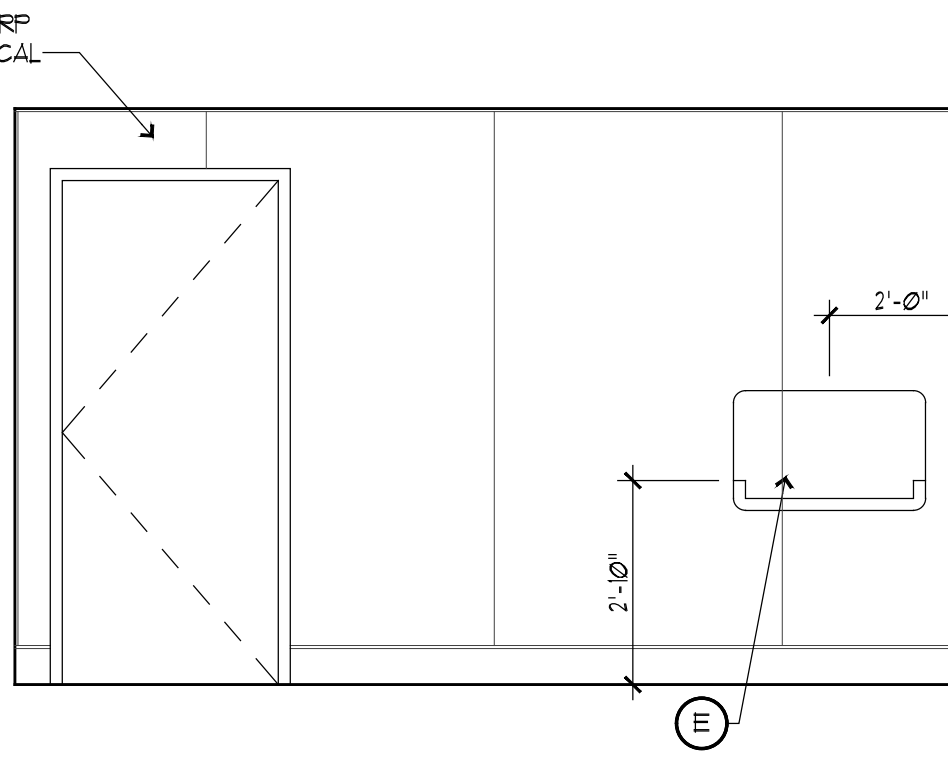
3 WOMEN RESTROOM
A401 SCALE: 3/8" = 1'-0"



4 WOMEN RESTROOM
A401 SCALE: 3/8" = 1'-0" MEN RESTROOM REVERSED



5 MEN RESTROOM
A401 SCALE: 3/8" = 1'-0"



6 MEN RESTROOM
A401 SCALE: 3/8" = 1'-0"

ACCESSORY SCHEDULE (ADA APPROVED)			
MARK	DESCRIPTION	MANUFACTURER	MODEL
A	TOILET TISSUE DISPENSOR	GEORGIA PACIFIC	GEP59209
B	SURFACE MOUNTED ELECTRIC HAND DRYER		
D	GRAB BAR	BOBRICK	B-6806x42
		BOBRICK	B-6806x36
		BOBRICK	B-6806x18
E	BABY CHANGING STATION	KOALA KARE	KKPKB200 01
F	MIRROR (SAFETY GLASS)		
H	SOAP DISPENSOR	GOJO	274012
OR ARCHITECT APPROVED EQUALS			



ROTARY PARK

RESTROOMS

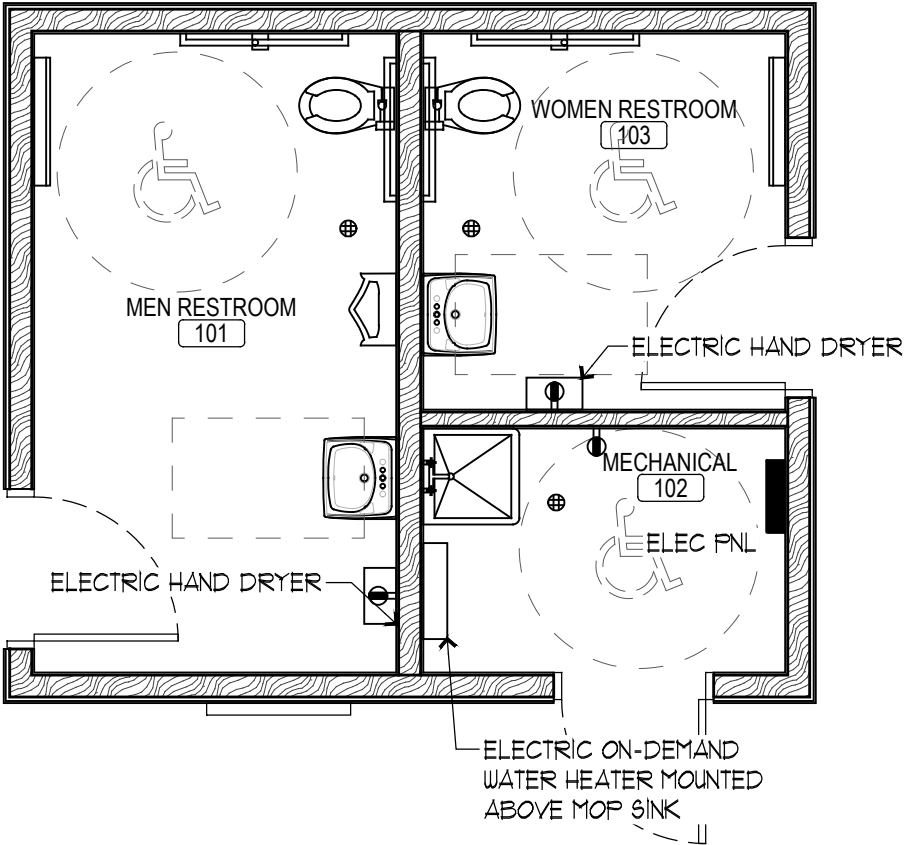
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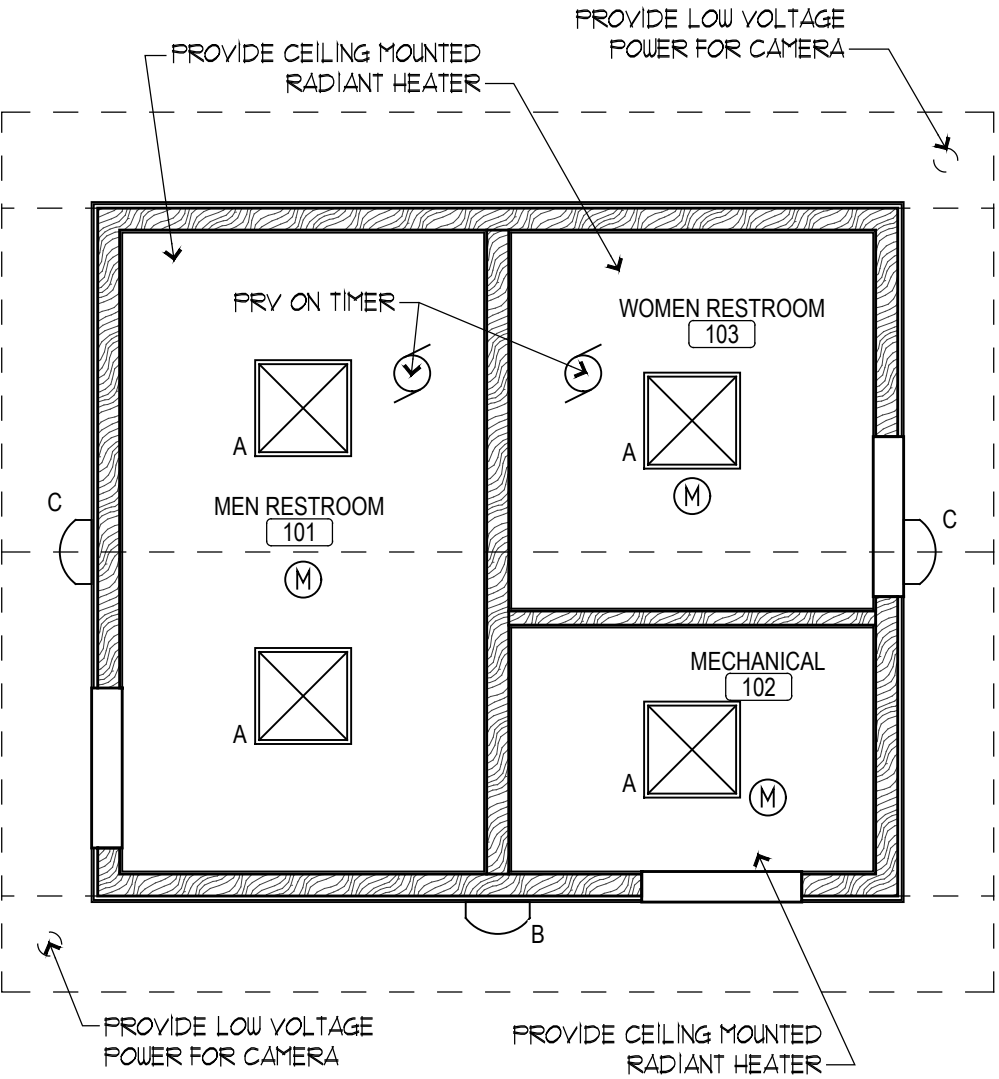
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Sheet Name:
INTERIOR ELEVATIONS



2
E101
POWER PLAN
SCALE: 1/4" = 1'-0

LIGHTING SCHEDULE				
TYPE	CODE	MFRG	CATALOG #	DESCRIPTION
	A	COOPER	22SP3440/SP-SURDSKFKIT	2X2 METALUX SP - ULTRA THIN LED PANEL
	B	COOPER	ENC-E01-LED-120-BL2-BZ-TP-CWB	EXTERIOR LED WALL PACK
	C	COOPER	ENC-E01-LED-120-BL2-BZ-ULG-TP-CWB	EXTERIOR LED WALL PACK W/ UPLIGHT GLOW
LIGHTING CONTROLS				
SWITCHES 1 = SINGLE POLE SWITCH oc = WALL MONTED OCCUPANCY SENSOR				
	CEILING MOUNTED OCCUPANCY SENSOR			



1
E101
LIGHTING PLAN
SCALE: 1/4" = 1'-0



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ROTARY
PARK

RESTROOMS

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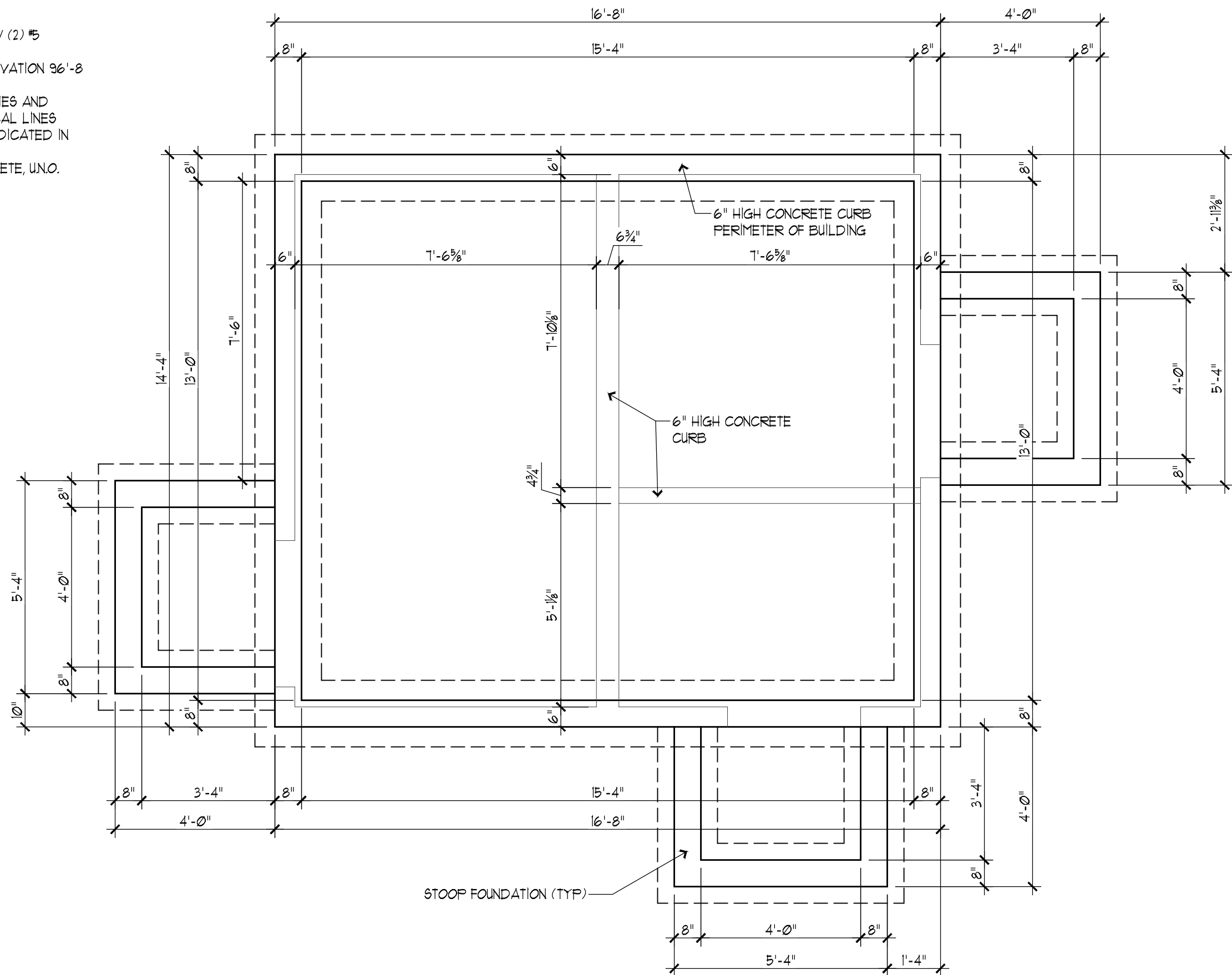
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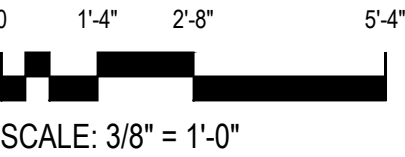
Sheet Name:
LIGHTING
& POWER
PLAN

Sheet No.:
E101

- FOUNDATION NOTES:
1. EXTERIOR STRIP FTG TO BE 20" X 12" CONT. W/ (2) #5 LONGITUDINAL BARS, U.N.O.
 2. TOP OF EXTERIOR FOOTING SHALL BE AT ELEVATION 96'-8 (U.N.O.), DROP AS REQUIRED BY SITE.
 3. VERIFY SIZE, LOCATION, AND DEPTH OF UTILITIES AND SLEEVES WITH OTHER TRADES. FOR MECHANICAL LINES BELOW FOUNDATION, THICKEN FOOTINGS AS INDICATED IN DETAIL.
 4. FOUNDATION IS 8" CMU OR 8" POURED CONCRETE, U.N.O.



1 FOUNDATION PLAN
S101 SCALE: 3/8" = 1'-0"



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ROTARY PARK

RESTROOMS

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Sheet Name:
FOUNDATION
PLAN

Sheet No.:
S101



Envelope Compliance Certificate

Project Information

Energy Code: 90.1 (2010) Standard
Project Title: Rotary Park Restrooms
Location: North Saint Paul, Minnesota
Climate Zone: 6a
Project Type: New Construction

Construction Site:
2340 2nd St N
North St Paul, Minnesota 55109

Owner/Agent:
Rotary Club of North St Paul
Maplewood Oakdale
PO Box 9248
North St Paul, Minnesota 55109

Designer/Contractor:
Shawn Berry
nai Architects, Inc
1959 Sloan Pl, Ste 100
Maplewood, Minnesota 55117
651-487-3281
shawn@nai-architects.com

Building Area

Floor Area

1-Park Restrooms (Sports Arena) : Nonresidential	239
--	-----

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U- Factor ^(a)
Floor: Unheated Slab-On-Grade, Vertical 4 ft., [Bldg. Use 1 - Park Restrooms] (b)	62	---	10.0	0.480	0.540
Ext. Wall - Front: Wood-Framed, 16in. o.c., [Bldg. Use 1 - Park Restrooms]	134	20.0	4.0	0.049	0.051
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Park Restrooms]	24	---	---	0.057	0.700
Ext. Wall - Side 1: Wood-Framed, 16in. o.c., [Bldg. Use 1 - Park Restrooms]	156	20.0	4.0	0.049	0.051
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Park Restrooms]	24	---	---	0.057	0.700
Ext. Wall - Side 2: Wood-Framed, 16in. o.c., [Bldg. Use 1 - Park Restrooms]	156	20.0	4.0	0.049	0.051
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Park Restrooms]	24	---	---	0.057	0.700
Ext. Wall - Rear: Wood-Framed, 16in. o.c., [Bldg. Use 1 - Park Restrooms]	134	20.0	4.0	0.049	0.051
Roof: Attic Roof, Wood Joists, [Bldg. Use 1 - Park Restrooms]	239	49.0	0.0	0.021	0.027

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.

(b) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 90.1 (2010) Standard requirements in COMcheck Version 4.3.5.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

SHAWN G BERRY - VICE PRESIDENT

Name - Title

Signature

09/12/2018

Date



Interior Lighting Compliance Certificate

Project Information

Energy Code: 90.1 (2010) Standard
Project Title: Rotary Park Restrooms
Project Type: New Construction

Construction Site:
2340 2nd St N
North St Paul, Minnesota 55109

Owner/Agent:
Rotary Club of North St Paul
Maplewood Oakdale
PO Box 9248
North St Paul, Minnesota 55109

Designer/Contractor:
Shawn Berry
nai Architects, Inc
1959 Sloan Pl, Ste 100
Maplewood, Minnesota 55117
651-487-3281
shawn@nai-architects.com

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts
1-Common Space Types:Restrooms	239	0.98	234
Total Allowed Watts =			234

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
1-Common Space Types:Restrooms LED: A: 22SP3440/SP-SURDSKFKIT: LED Panel 33W:	8	4	32	128
Total Proposed Watts =				128

Interior Lighting PASSES: Design 45% better than code**Interior Lighting Compliance Statement**

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 90.1 (2010) Standard requirements in COMcheck Version 4.3.5.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.



Inspection Checklist

Energy Code: 90.1 (2010) Standard

Requirements: 66.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
4.2.2,5.4. 3.1.1,5.7 [PR1] ¹	Plans and/or specifications provide all information with which compliance can be determined for the building envelope and document where exceptions to the standard are claimed.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.
4.2.2,8.4. 1.1,8.4.1. 2.8.7 [PR6] ²	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the electrical systems and equipment and document where exceptions are claimed. Feeder connectors sized in accordance with approved plans and branch circuits sized for maximum drop of 3%.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.
4.2.2,9.4. 4.9.7 [PR4] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
---	----------------------	---	------------------------	---	---------------------

Section # & Req.ID	Footing / Foundation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
5.5.3.3 [FO1] ²	Below-grade wall insulation R-value.	R-_____	R-_____	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
5.5.3.5 [FO3] ²	Slab edge insulation R-value.	R-_____ ☐ Unheated ☐ Heated	R-_____ ☐ Unheated ☐ Heated	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
5.8.1.2 [FO4] ²	Slab edge insulation installed per manufacturer's instructions.			☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.
5.5.3.5 [FO5] ²	Slab edge insulation depth/length.	_____ ft	_____ ft	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
5.8.1.7.3 [FO7] ¹	Insulation in contact with the ground has ≤0.3% water absorption rate per ASTM C272.			☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.
6.4.4.1.5 [FO11] ³	Bottom surface of floor structures incorporating radiant heating insulated to ≥R-3.5.	R-_____	R-_____	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply. See the Envelope Assemblies table for values.

Additional Comments/Assumptions:

Section # & Req.ID	Framing / Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
5.4.3.2 [FR1] ³	Factory-built fenestration and doors are labeled as meeting air leakage requirements.			☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.
5.5.4.3a [FR8] ¹	Vertical fenestration U-Factor.	U-____	U-____	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
5.5.4.3b [FR9] ¹	Skylight fenestration U-Factor.	U-____	U-____	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
5.5.4.4.1 [FR10] ¹	Vertical fenestration SHGC value.	SHGC:____	SHGC:____	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
5.5.4.4.2 [FR11] ¹	Skylight SHGC value.	SHGC:____	SHGC:____	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
5.8.2.1 [FR12] ²	Fenestration products rated in accordance with NFRC.			☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Exception: Default values are used.
5.8.2.2 [FR13] ¹	Fenestration products are certified as to performance labels or certificates provided.			☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.
5.8.2.3, 5.3.6 [FR14] ²	U-factor of opaque doors associated with the building thermal envelope meets requirements.	U-____ ☐ Swinging ☐ Nonswinging	U-____ ☐ Swinging ☐ Nonswinging	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
5.4.3.1 [FR15] ¹	Continuous air barrier is wrapped, sealed, caulked, gasketed, and/or taped in an approved manner, except in semiheated spaces and in climate zones 1-6.			☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
8.4.2 [EL10] ²	At least 50% of all 125 volt 15- and 20-Amp receptacles are controlled by an automatic control device.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Exception: Space type is not private office, open office, or computer classroom.
9.4.1.1 [EL1] ²	Automatic controls to shut off all building lighting.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
9.4.1.2 [EL2] ²	Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
9.4.1.3 [EL11] ²	Parking garage lighting is equipped with required lighting controls and daylight transition zone lighting.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
9.4.1.4 [EL12] ¹	Primary sidelighted areas ≥ 250 ft ² are equipped with required lighting controls.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
9.4.1.5 [EL13] ¹	Enclosed spaces with daylight area under skylights and rooftop monitors >900 ft ² are equipped with required lighting controls.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
9.4.1.6 [EL4] ¹	Separate lighting control devices for specific uses installed per approved lighting plans.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
9.4.2 [EL6] ¹	Exit signs do not exceed 5 watts per face.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
9.6.2 [EL8] ¹	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Insulation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
5.4.3.1 [IN1] ¹	All sources of air leakage in the building thermal envelope are sealed, caulked, gasketed, weather stripped or wrapped with moisture vapor-permeable wrapping material to minimize air leakage.			☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.
5.5.3.1 [IN2] ¹	Roof R-value. For some ceiling systems, verification may need to occur during Framing Inspection.	R-_____ ☐ Above deck ☐ Metal ☐ Attic	R-_____ ☐ Above deck ☐ Metal ☐ Attic	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
5.8.1.2, 5.8.1.3 [IN3] ¹	Roof insulation installed per manufacturer's instructions. Blown or poured loose-fill insulation is installed only where the roof slope is ≤ 3 in 12.			☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.
5.5.3.2 [IN6] ¹	Above-grade wall insulation R-value.	R-_____ ☐ Mass ☐ Metal ☐ Steel ☐ Wood	R-_____ ☐ Mass ☐ Metal ☐ Steel ☐ Wood	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
5.8.1.2 [IN7] ¹	Above-grade wall insulation installed per manufacturer's instructions.			☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.
5.5.3.4 [IN8] ²	Floor insulation R-value.	R-_____ ☐ Mass ☐ Steel ☐ Wood	R-_____ ☐ Mass ☐ Steel ☐ Wood	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
5.8.1.1 [IN10] ²	Building envelope insulation is labeled with R-value or insulation certificate providing R-value and other relevant data.			☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.
5.8.1.4 [IN11] ²	Eaves are baffled to deflect air to above the insulation.			☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.
5.8.1.5 [IN12] ²	Insulation is installed in substantial contact with the inside surface separating conditioned space from unconditional space.			☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.
5.8.1.6 [IN13] ²	Recessed equipment installed in building envelope assemblies does not compress the adjacent insulation.			☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.

☐ 1 High Impact (Tier 1)
 ☐ 2 Medium Impact (Tier 2)
 ☐ 3 Low Impact (Tier 3)

Section # & Req.ID	Insulation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
5.8.1.7 [IN14] ²	Exterior insulation is protected from damage with a protective material. Verification for exposed foundation insulation may need to occur during Foundation Inspection.			☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.
5.8.1.7.1 [IN15] ²	Attics and mechanical rooms have insulation protected where adjacent to attic or equipment access.			☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.
5.8.1.7.2 [IN16] ²	Foundation vents do not interfere with insulation.			☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.
5.8.1.8 [IN17] ³	Insulation intended to meet the roof insulation requirements cannot be installed on top of a suspended ceiling. Mark this requirement compliant if insulation is installed accordingly.			☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
5.4.3.3 [FI1] ¹	Weatherseals installed on all loading dock cargo doors in Climate Zones 4-8.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
8.7.1 [FI16] ³	Furnished as-built drawings for electric power systems within 30 days of system acceptance.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
8.7.2 [FI17] ³	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
9.2.2.3 [FI18] ¹	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Interior Lighting fixture schedule for values.

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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ROTARY PARK INVESTMENTS TO DATE

BY

NORTH ST PAUL, MAPLEWOOD, OAKDALE ROTARY

Phase I	2013-14	Shelter/Electrical/Picnic Table	\$ 6,000
Phase II	2014-15	Park Benches/Bike Racks/ cement	6,000
Phase III	2015-16	Shelter/Flag Poles/Photo eye Picnic Table	14,500
Phase IV	2016-17	Park Benches/Bike Racks	2,200
Phase V	2017-18	Restrooms	59,762
Garden	2015-Present	Rain Garden	10,000
Monument	2018	Partnership Monument NSP and Rotary	2,400
Sub-Total			\$100,862
Donations Pending:			30,000
Rotary Total Financial Investment			\$130,862

ROTARY PARK RESTROOM BUILD OUT 2018

Approximate cost for construction:	Total	\$89,000
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Contributors of funds:

North St Paul, Maplewood Oakdale Rotary	\$ 6,000
Rotary District Grant 5960	5,750
Prior Lake Rotary Partner	2,750
Rotary Community Service	1,000
Eckblad Foundation	2,000
Jack Conzemius Memorial	7,262
Norbert Conzemius Foundation	5,000
Total	\$29,762

Contributors of materials & services:

NAI Architects	\$ 1,000
Berwald Roofing	10,850
L.S.Black	2,400
Cemstone	1,200
Brite Light	6,000
Guadalupe Alternative Programs – Rough In	8,550
Total	\$30,000

Contributors of pending services:

Plumbing	\$10,000
HVAC	10,000

Total	\$20,000
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City of North St Paul Contribution Hopefuls:

Earthwork (grading/fill)	\$ 5,900
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Permits – Building & Metropolitan SAC	3,338
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Total	\$ 9,238
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