

City of East Bethel Planning Commission Agenda

7:00 PM

July 26, 2011



		Item	
7:00 PM		1.0	Call to Order
7:02 PM		2.0	Adopt Agenda
7:04 PM	Pp. 1-19	3.0	Site Plan Review – Metropolitan Council Environmental Services (MCES) Wastewater Reclamation Plant. Location being 18460 Buchanan St. NE, East Bethel, MN 55011
7:15 PM	Pp. 20-33	4.0	Site Plan Review – East Bethel Water Treatment Facility. Location being 19458 Taylor St. NE, East Bethel, MN 55011
7:30 PM	Pp. 34-49	5.0	Approve June 20, 2011 Planning Commission Meeting Minutes
7:35 PM		6.0	Adjourn



City of East Bethel Planning Commission Agenda Information

Date:

July 26, 2011

Agenda Item Number:

3.0

Agenda Item:

Site Plan Review – Metropolitan Council Environmental Services (MCES) Wastewater Reclamation Plant

Requested Action:

Consider Approval of the Site Plan Review of MCES Wastewater Reclamation Plant

Background Information:

Property Owner/Applicant:

James Roth
Metropolitan Council
390 Robert Street N.
St. Paul, MN 55101

Property Location:

Lot 1, Block 1, T & G First Addition
18460 Buchanan Street NE
East Bethel, MN
PIN 32-33-23-32-0003
Zoning: B3 - Highway Business

The property owner/applicant is requesting site plan approval to construct a wastewater reclamation plant. The plant will be owned and operated by Metropolitan Council Environmental Services (MCES). The wastewater reclamation plant is part of the city sewer and water project.

The site will consist of a pre-treatment building, multipurpose building, and bioreactor. There will be future expansions to include effluent storage tanks, solids handling, wet well/drywell, biofilter, and bioreactor. The site will be secured with an eight (8) foot chain link fence.

The installation of piping has begun on the southern end of East Bethel. Once the wastewater is treated, it will be piped to one of two sub-surface drain fields. One sub-surface drain field is located east of the East Bethel Ice Arena and the other is located at 229th Avenue and Highway 65.

The proposed site plan provides eight (8) parking stalls. One accessible stall has been provided to meet ADA requirements. In this particular instance, off-street parking requirements are based off the type of use and number of employees. Since the facility is not open to the public, the only expected traffic is from 1 - 3 employees that are staffed during the weekdays. There will be staff on call for overnight, weekends, and holidays.

Autumn blaze maples, black hills spruce, and Isanti dogwood will be planted throughout the site. Attachment #5 depicts planting locations. The landscape plan meets code requirements. According to East Bethel City Code, all new plantings, including turf establishment, must be guaranteed for one full year from the time the planting has been completed. A letter of credit or a cash escrow will be required by the owner in the amount equal to at least 150 percent of the approved estimated landscaping cost. The letter of credit must be provided prior to the issuance of a building permit and must be valid for a period of time equal to one full growing season.

As part of final plat approval, Metropolitan Council is not required to improve Buchanan Street; instead, it is required that a portion of Buchanan Street abutting 185th Ave is to be surfaced with impervious material far enough to the south so that traffic entering the property from the intersection will travel over only an improved surface. Buchanan Street is to be improved when T & G First Addition Outlot A is platted (located to the east of the property). Staff and Metropolitan Council have begun discussions regarding the possibility of Buchanan Street being improved up to forty (40) feet beyond the site entrance by the Metropolitan Council. Staff recommends that discussions with Metropolitan Council continue.

The proposed lighting plan provides for wall lighting around the buildings and ten (10) downcast shielded lights mounted on a pole in the parking/drive area. Lighting sources will be hooded so as not to light adjacent property. Also, poles cannot exceed a height of thirty (30) feet.

The City Engineer has completed his review of the site plan. His comments are attached for your review (attachment 9, memo dated July 8, 2011). Many of the comments of the City Engineer have been addressed by the Applicant; storm water calculations and signed plans have been submitted. The Applicant will need to continue to work with the City Engineer until all comments have been satisfactorily addressed.

Attachments:

1. Site Location
2. Site Plan Application
3. Site Plan
4. Property Survey
5. Landscape Plan
6. Grading and Drainage Plan
7. Lighting Plan
8. Building Elevations
9. Memo from City Engineer Dated July 8, 2011

Fiscal Impact:

Undetermined at this time

Staff Recommendations:

Staff requests Planning Commission recommend approval to City Council of a site plan review for the construction of the Metropolitan Council Environmental Services Wastewater Reclamation Plant on the property owned by Metropolitan Council, located at T & G First

Addition, Lot 1, Block 1, PIN 32-33-23-32-0003, 18460 Buchanan Street, with the following conditions:

1. Applicant must continue to work with staff to satisfy all comments and concerns to staffs' satisfaction.
2. Letter of credit or a cash escrow will be required by the owner in the amount equal to at least 150 percent of the approved estimated landscaping cost. The letter of credit must be provided prior to the issuance of a building permit and must be valid for a period of time equal to one full growing season. In addition to the letter of credit or cash escrow, the owner must submit an estimated landscaping cost for plantings and turf establishment.
3. Full set of the site plan must be signed by a licensed professional engineer.
4. Maintenance Agreement must be executed to ensure maintenance of the onsite pond is performed. Maintenance Agreement will be drafted by the City of East Bethel.
5. Signage must meet requirements according to East Bethel City Code Chapter 54. Signs. Sign permits must be approved prior to the installation of signage on site.
6. Any modifications to the approved site plan shall be submitted to and approved by City Staff.
7. Continue discussions with staff regarding improvements to Buchanan Street. Improvements will be required to meet engineering standards and must be approved the City Engineer. If Buchanan Street improvements are not completed, the property owner will be required to pave a portion of Buchanan Street abutting 185th Ave. It is to be surfaced with impervious material far enough to the south so that traffic entering the property from the intersection will travel over only an improved surface, as approved as part of the T & G First Addition final plat.
8. Building permit must be obtained for fencing over six (6) feet in height.
9. All conditions must be satisfied prior to the issuance of a building permit.

City Council Action

Motion by: _____ Second by: _____

Vote Yes: _____

Vote No: _____

No Action Required: _____



CITY OF EAST BETHEL CivicSight Map

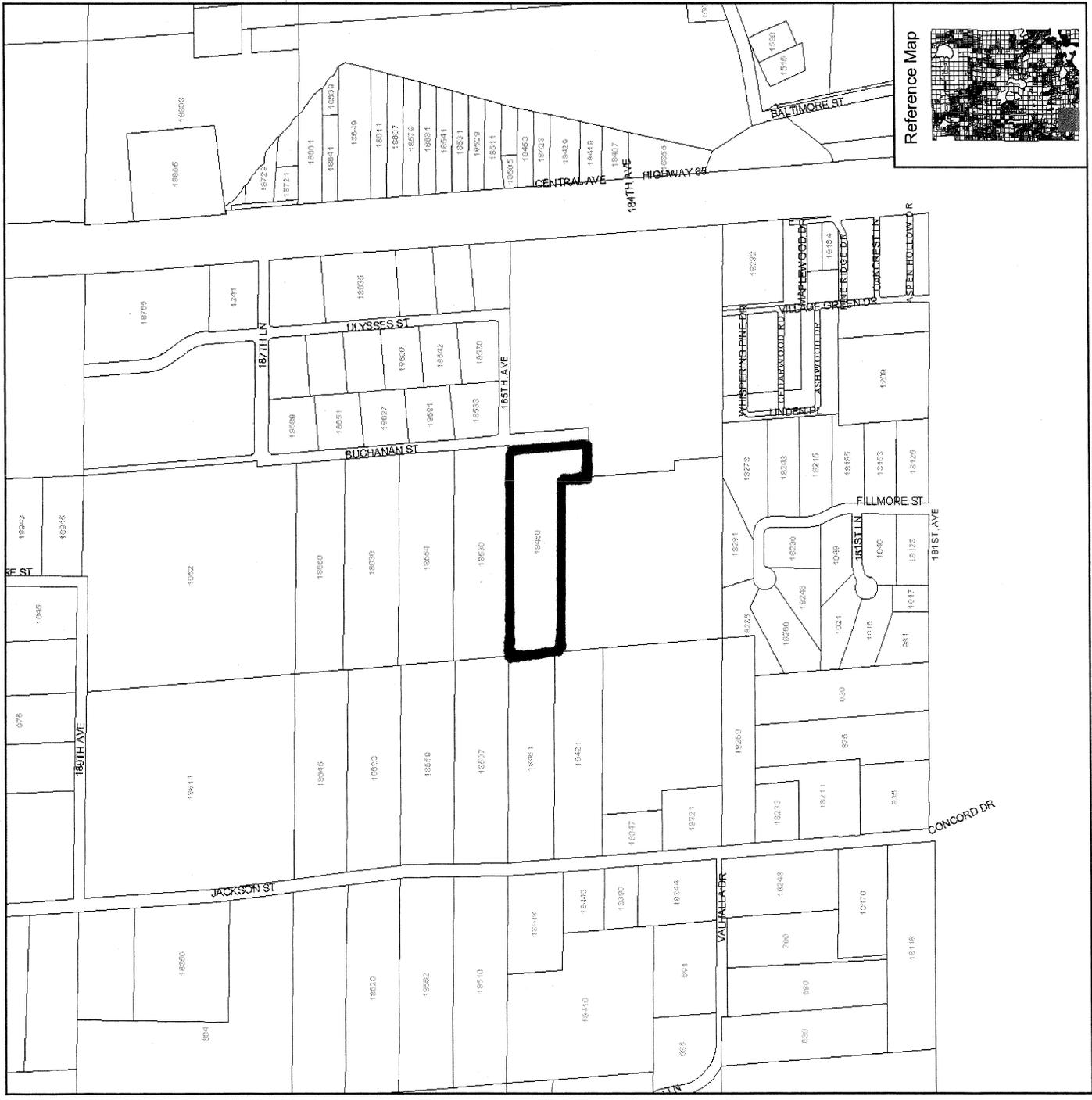
PARCEL INFORMATION:

PIN - 323323320003
Owner Info: UNKNOWN
Site Address - 18460 BUCHANAN
Legal Description:
Not Available

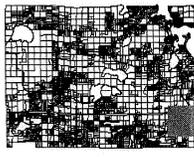


Map Scale: 1 inch = 916 feet
Map Date: 7/19/2011
Data Date: June 24, 2011
Sources: EAST BETHEL GIS AND ANOKA COUNTY

Disclaimer:
Enter Map Disclaimer Here



Reference Map





LAND USE APPLICATION

<i>OFFICE USE ONLY</i>	
Date Rec'd	7/8/11
By	<i>[Signature]</i>
Fee \$	500 app fee

Check appropriate box: VARIANCE CUP IUP FINAL PLAT

BUSINESS CONCEPT PLAN PRELIMINARY PLAN SITE PLAN REVIEW OTHER _____

Application shall include the following items and be submitted thirty (30) days prior to scheduled meeting date.

Application is hereby made for Site Plan Review _____ (provide narrative below describing proposed use).

Construction of a Wastewater Reclamation Plant

LOCATION: PID 32-33-23-32-0003 **Legal: Lot** 1 **Block** 1 **Subdivision** T & G First Addition

PROPERTY ADDRESS: 18460 Buchanan Street NE **PRESENT ZONING:** B-3 Highway Business

PROPERTY OWNER Metropolitan Council
 James Roth
 CONTACT NAME Metropolitan Council Environmental Services PHONE 651-602-1123
 390 Robert St No.
 ADDRESS _____ FAX 651-602-1083
 CITY/STATE/ZIP St Paul MN 55101 E-MAIL james.roth@metc.state.mn.us

APPLICANT Same as Above
 CONTACT NAME _____ PHONE _____
 ADDRESS _____ FAX _____
 CITY/STATE/ZIP _____ E-MAIL _____

I fully understand that I must meet with City Staff to review all submission requirements and conditions prior to official submission, and that all of the required information must be submitted at least thirty (30) days prior to the Planning/Zoning Commission and City Council scheduled meeting dates to ensure review by City Staff.

Bryce J. Pickart Bryce J Pickart 7/6/11
 Property Owner's Signature Printed Name Date

OFFICE USE ONLY – DO NOT COMPLETE			
	Received	Approved/Denied	Notes
Community Dvlp.	7/8/11	_____	
Planning Commission	7/26/11	_____	
City Council	8/3/11	_____	
<u>9/6/11</u> 60 Day _____ 120 Day			

Attachment #2

**SITE PLAN REVIEW
EAST BETHEL WATER RECLAMATION PLANT
MCES PROJECT 801620
TKDA PROJECT NO. 14529.000**

INTRODUCTION

This report is to serve as a narrative related to site plan review for a proposed water reclamation plan. The applicant is Metropolitan Council Environmental Services (MCES).

All residents and businesses in the City of East Bethel are currently served by individual on-site septic systems to treat their wastewater. The City does not own or operate a centralized wastewater treatment system. This creates an obstacle to growth and development, as well as a potential environmental health hazard, particularly in the Highway 65 corridor which the City has identified through its comprehensive planning process as a region of commercial and light industrial development. Working with the Metropolitan Council Environmental Services (MCES), whose authority regarding wastewater management extends into the East Bethel area, the City plans to construct a small, but expandable wastewater treatment system in the southwest area of the city. The system will provide a high quality effluent that is suitable for on-land disposal and other re-uses such as irrigation and golf course watering. As such, the system will not discharge to a local surface stream or water resource.

The proposed water reclamation project will be designed to treat up to 410,000 gallons per day, with construction done in cost-effective phases in which capacity will match growth. This capacity can serve an equivalent population of 4,000 if all users of the system were residential. The selected treatment process of the project—membrane biological reactor, or MBR—is one the leading technologies for producing the highest effluent quality and is the technology of choice for water reclamation plants. Most of the treatment system will be indoors, including a storage reservoir for treated water prior to being pumped to on-land application sites.

SUMMARY OF PROJECT

MCES is proposing a water reclamation plant in Section 21 of Township 33 North, Range 23 West, City of East Bethel, Anoka County, Minnesota (see Appendix A and Appendix B for reference). The facility will be located near the intersection of 185th Avenue and Buchanan

Street. The property is currently owned by MCES with no delinquent property taxes, special assessments, interest, or City utility fees .

The property is bounded by commercial/construction yard to the north, undeveloped/open land zoned B-3 Highway Business to the east and south, and existing housing zoned R-1 Single Family Residential. The proposed improvements will be approximately 700 feet from parcels zoned residential, and approximately 1000 feet to the nearest residential structure.

The facility being proposed includes a pre-treatment building, biofilter building, exterior bio reactor, multipurpose building including a subsurface storage tank, lift station, generator, access roads, and stormwater management facilities. Plans have been provided (see Appendix C-H) to show proposed grading and drainage, access, parking, structures, fencing, landscaping, and architectural elevations and floor plans. A geotechnical evaluation and wetland delineation report have been performed and can be provided upon request.

CODE COMPLIANCE

The proposed facility would be in compliance with all applicable City Codes, requiring no variances. All lot requirements, setbacks, building requirements, lighting requirements and other development regulations will be met.

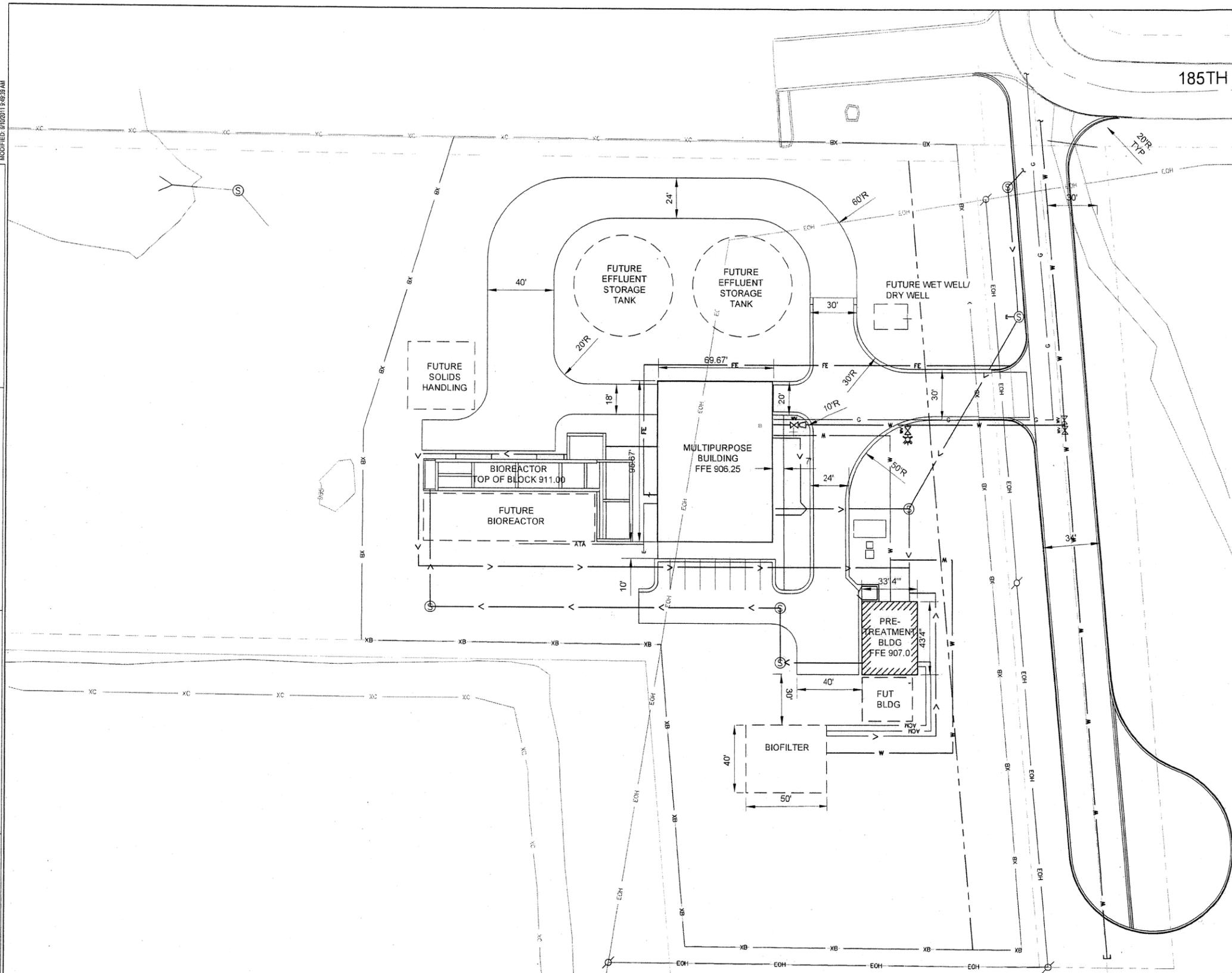
CONCLUSION

We respectfully request approval of the site plan review based on the facts presented herein. The water reclamation plan will not only serve existing residents and businesses in the area, but will also serve future development in the service area. The facility will be compatible to permitted uses in B-3 – Highway Commercial zoning and will not be deleterious to neighboring properties.

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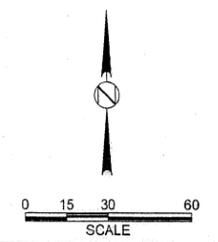
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NO	DATE	BY	REVISIONS



- GENERAL NOTES:**
- XXX
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- KEY NOTES:** □
- XXX

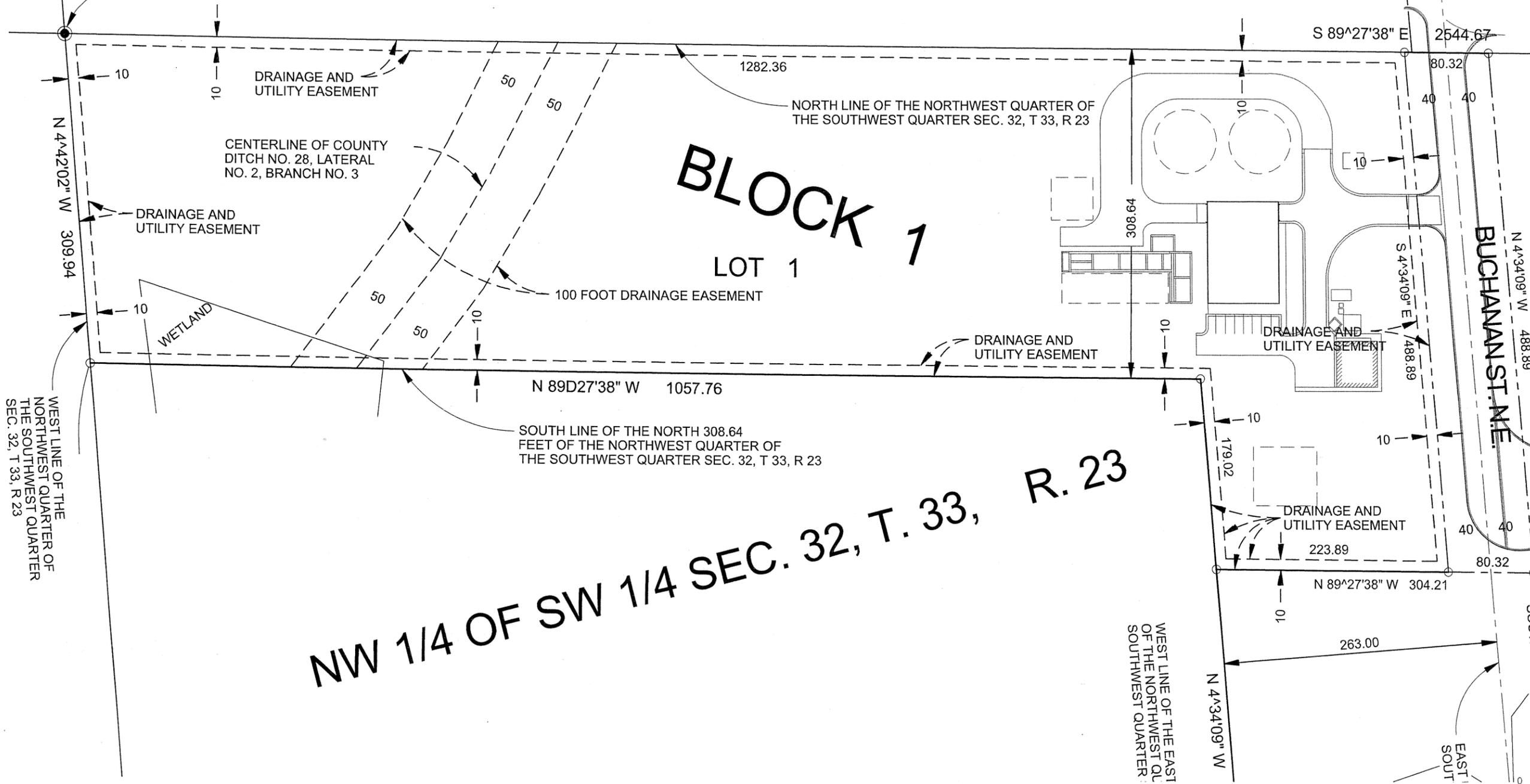
PRELIMINARY



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DRAWN BY		APPROVED BY		SIGNATURE: _____		DATE		CONTRACT: XXXXXX		EAST BETHEL WATER RECLAMATION PLANT	
DATE		CONSULTANT NO		TYPED OR PRINTED NAME: _____		DATE		FILE NAME: RXX_XXX_SIT_CS0001		SITE LAYOUT PLAN	
MM/DD/YY		MM/DD/YY		DATE		MM/DD/YY		REG NO		MINNESOTA	
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										X of X	

SW 1/4 OF NW 1/4 SEC. 32, T. 33, R. 23

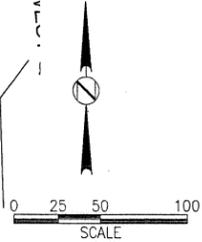
WEST QUARTER CORNER SECTION 32, T33, R23
(ANOKA COUNTY CAST IRON MONUMENT)



BLOCK 1
LOT 1

NW 1/4 OF SW 1/4 SEC. 32, T. 33, R. 23

BUCHANAN ST. N.E.

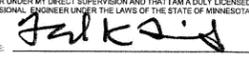


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DRAWN EK	APPROVED EK	
DATE	CONSULTANT NO.	
MM/DD/YY		

TKDA
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APPROVED RECORD DRAWING		PROJECT 801620
CONSULTING ENGR REP	DATE	CONTRACT 09P160
MCES CONSTRUCTION DEPT REP	DATE	FILE NAME EBT_XXX_GEN_C1002
MCES ENGR DEPT REP	DATE	

EAST BETHEL WASTEWATER TREATMENT PLANT
WATER RECLAMATION FACILITY
GENERAL
BOUNDARY SURVEY
EAST BETHEL
MINNESOTA

GEN
C1002
12 of X

Attachment #4

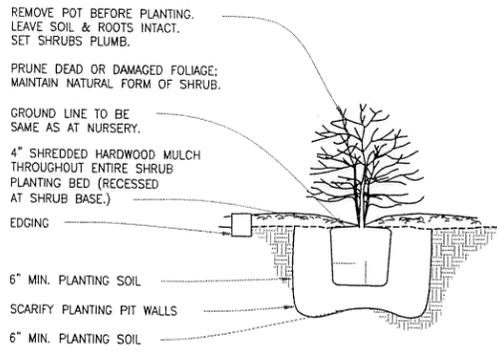
GENERAL NOTES:

1. ALL AREAS WITHIN VINYL EDGING SHALL BE MULCHED WITH NO LESS THAN 4" OF SHREDDED HARDWOOD MULCH
2. ALL LANDSCAPE AREAS WHERE SOD IS NOT APPLIED SHALL BE SEEDED WITH AN APPROVED TURF GRASS MIX. SEE SPEC.
3. SEE SPECIFICATIONS FOR IRRIGATION SYSTEM REQUIREMENTS
4. SEE SHEET CU2B1 FOR IRRIGATION SUPPLY LOCATION

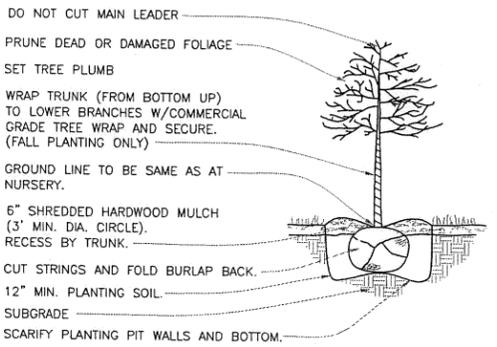
LEGEND:

- IRRIGATED AREA, TYPE 1
- IRRIGATED AREA, TYPE 2

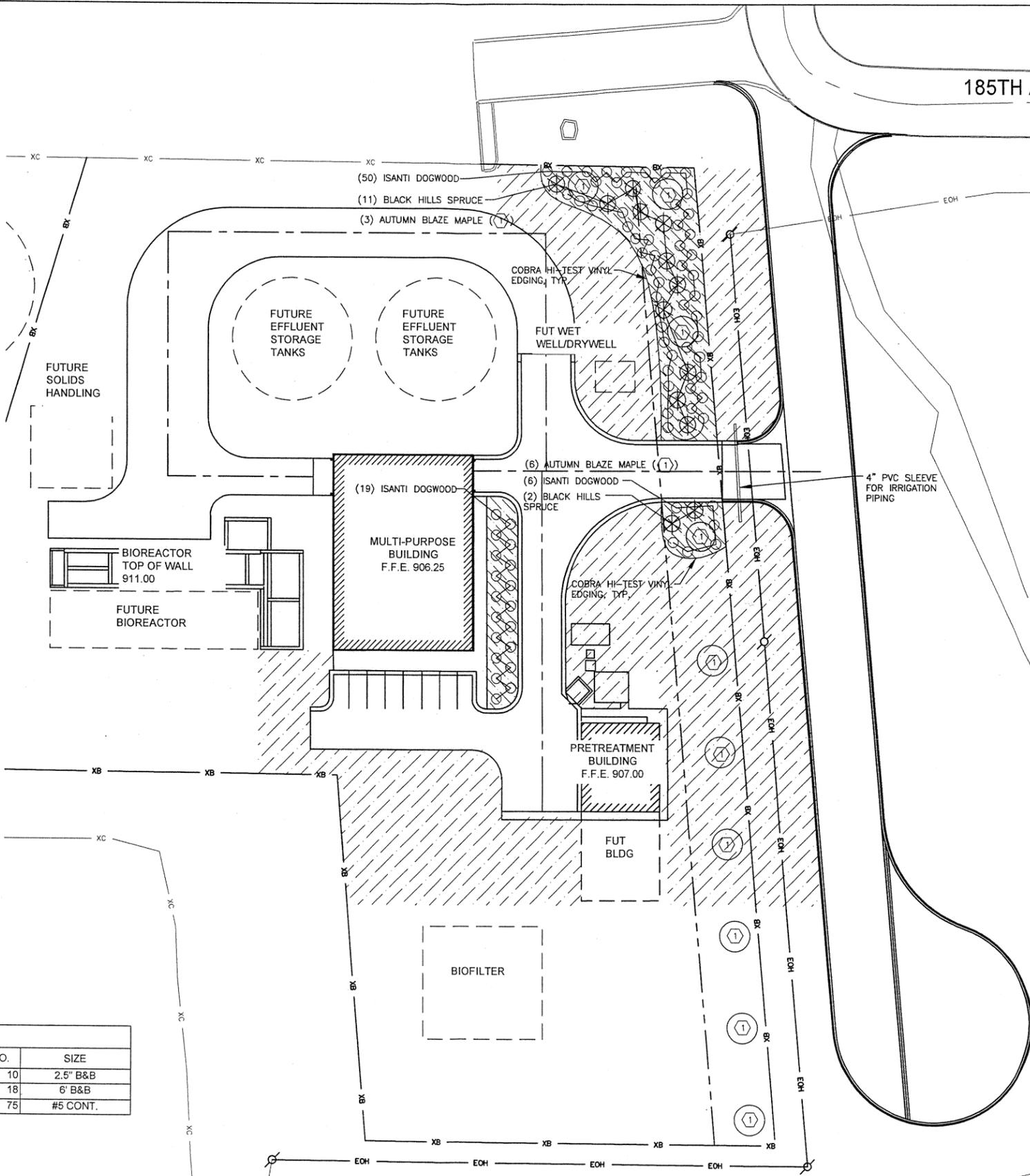
185TH AVE NE



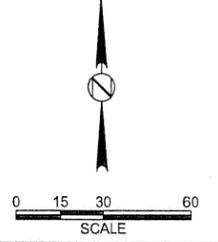
1 SHRUB PLANTING DETAIL
CL001



2 DECIDUOUS TREE PLANTING DETAIL
CL001



PLANT LIST			
COMMON NAME	SCIENTIFIC NAME	NO.	SIZE
(1) AUTUMN BLAZE MAPLE	ACER FREEMANI "JEFFERSRED"	10	2.5" B&B
BLACK HILLS SPRUCE	PICEA GLAUCA DENSATA	18	6" B&B
ISANTI DOGWOOD	CORNUS SERICEA 'ISANTI'	75	#5 CONT.



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 X-BASE
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DATE	CONSULTANT NO.	
MM/DD/YY		

TKDA
ENGINEERING • ARCHITECTURE • PLANNING

APPROVED RECORD DRAWING	
CONSULTING ENGR REP	DATE
MCES CONSTRUCTION DEPT REP	DATE
MCES ENGR DEPT REP	DATE

PROJECT	801620
CONTRACT	09P160
FILE NAME	EBR_XXX_SIT_CL001

EAST BETHEL WATER RECLAMATION PLANT
 WATER RECLAMATION FACILITY
 SITE
 LANDSCAPE PLAN
 EAST BETHEL MINNESOTA

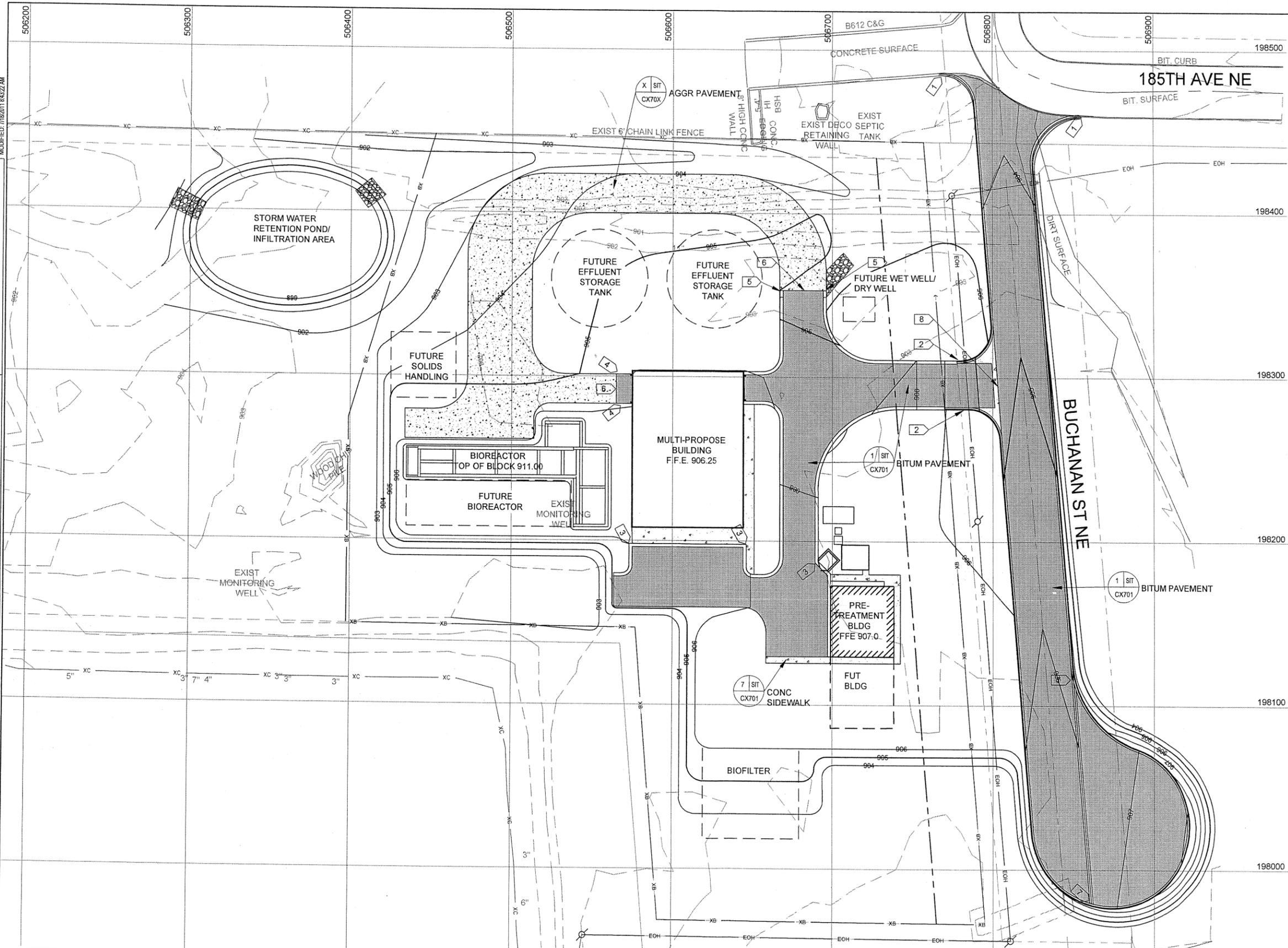
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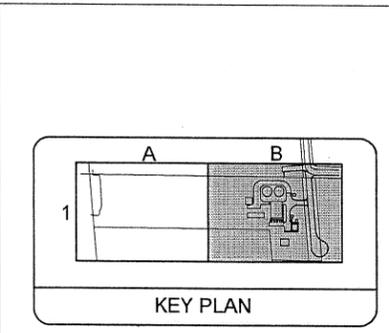
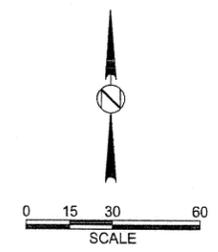
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MODIFIED: 7/18/2011 8:43:27 AM



- GENERAL NOTES:**
1. REFER TO DETAILS ON CX701 FOR PAVEMENT SECTIONS
 2. REFER TO DETAIL 6/SIT ON CX701 FOR D412 CURB
 3. REFER TO DETAIL 5/SIT ON CX701 FOR B618 CURB
 4. REFER TO DETAIL 4/SIT ON CX701 FOR VALLEY GUTTER

- KEY NOTES:**
1. TIE INTO EXISTING CURB. BEGIN B618 CURB
 2. END B618 CURB. TRANSITION INTO D412 CURB
 3. D412 CURB. MAKE FLUSH WITH SIDEWALK WHERE APPLICABLE.
 4. D412 CURB
 5. END D412 CURB
 6. END BITUMINOUS PAVEMENT
 7. BEGIN/END 24" VALLEY GUTTER
 8. CURB RETURN



NO	DATE	BY	REVISIONS	REMARKS

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I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE: 7/18/2011 REG NO: 15038

TED K FIELD

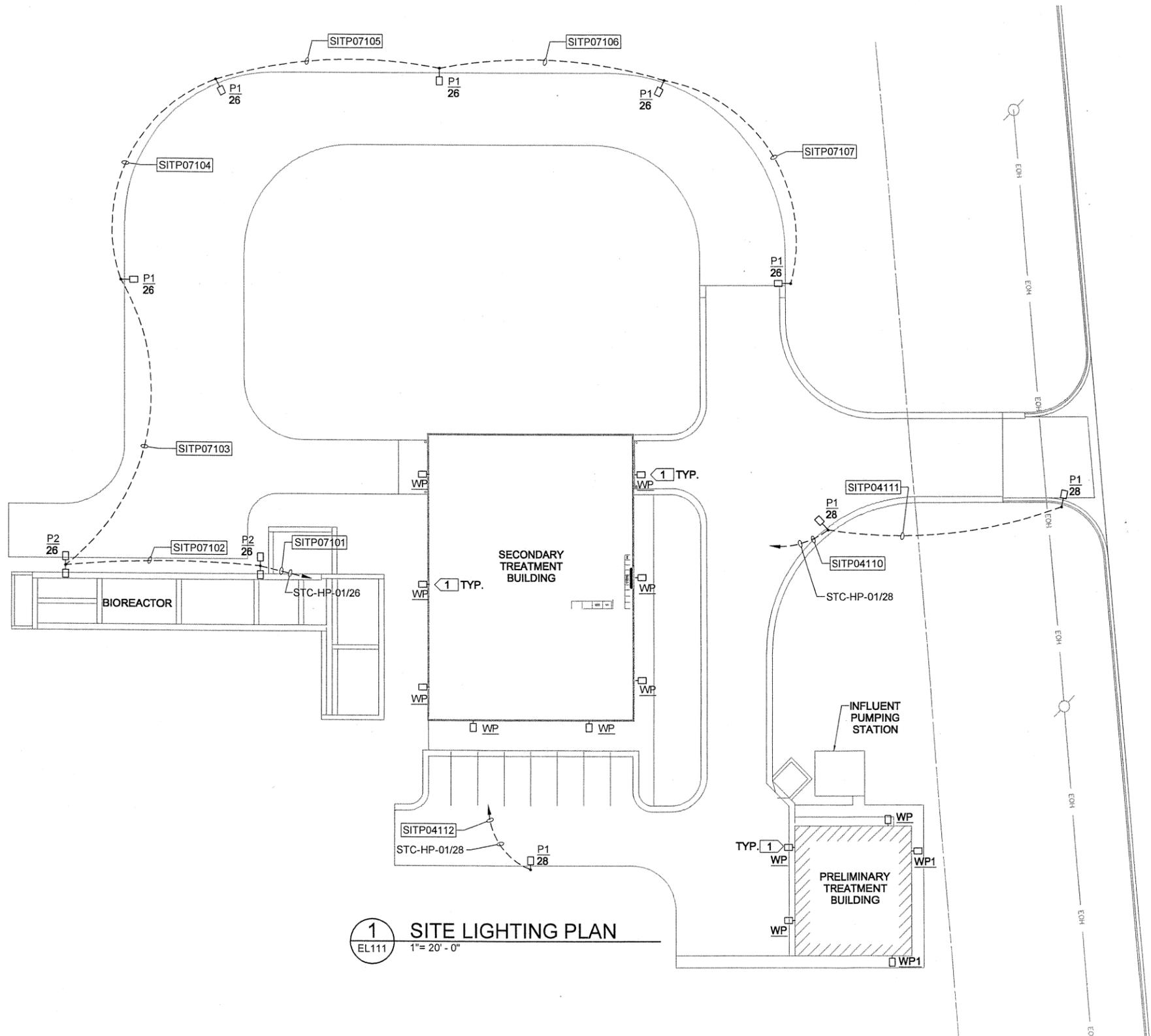


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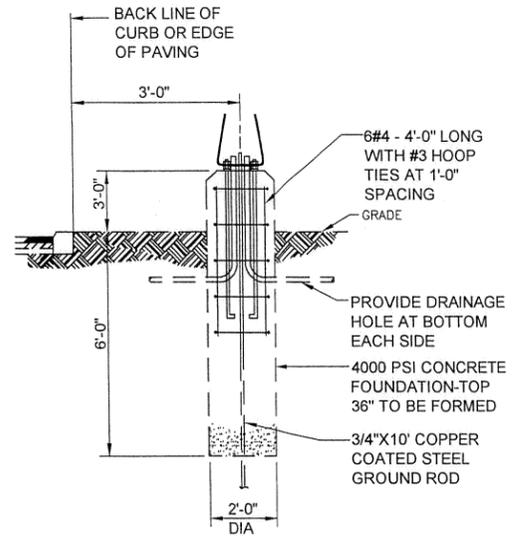
EAST BETHEL WASTEWATER TREATMENT PLANT
WATER RECLAMATION FACILITY
SITE
PAVING AND GRADING PLAN-B1
EAST BETHEL
MINNESOTA

SIT
CG1B1
60 OF X

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1 SITE LIGHTING PLAN
 EL111 1" = 20' - 0"



**2 FOUNDATION DETAIL
 FIXTURE TYPE P1 & P2**
 EL111 NONE

GENERAL NOTES:

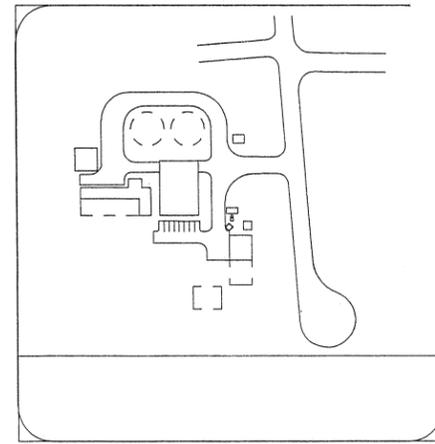
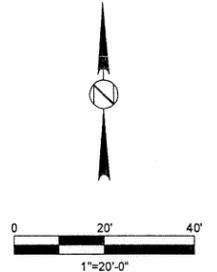
1. FIELD COORDINATE FIXTURE LOCATIONS WITH ALL SITE UTILITIES.

KEY NOTES:

1. FIXTURES SHOWN FOR REFERENCE ONLY. SEE BUILDING PLANS FOR WALL MOUNTED LIGHT FIXTURE INFORMATION.

CIRCUIT SCHEDULE
 CIRCUIT TAGS SHOWN ON DRAWING ARE OF THE FORM "ABCXXX###" (DIGP01001). ABC CHARACTERS INDICATE PLANT AREA. XXX INDICATES CONDUIT AND CONDUCTOR IDENTITY IN THIS SCHEDULE. ### IS UNIQUE

IDENTITY	CONDUIT	CONDUCTORS
P07	3/4"	2#8, 1#10 GND
P04	3/4"	2#10, 1#10 GND



Attachment #7

NO	DATE	BY	REMARKS

DESIGNED JMS	CHECKED CH2MHILL	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. SIGNATURE: <i>Robert L. Young</i> TYPED OR PRINTED NAME: ROBERT L. YOUNG DATE: 07-18-11 REG NO: 26746
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DATE 07-18-11	CONSULTANT NO 14529.000	
REVISIONS		

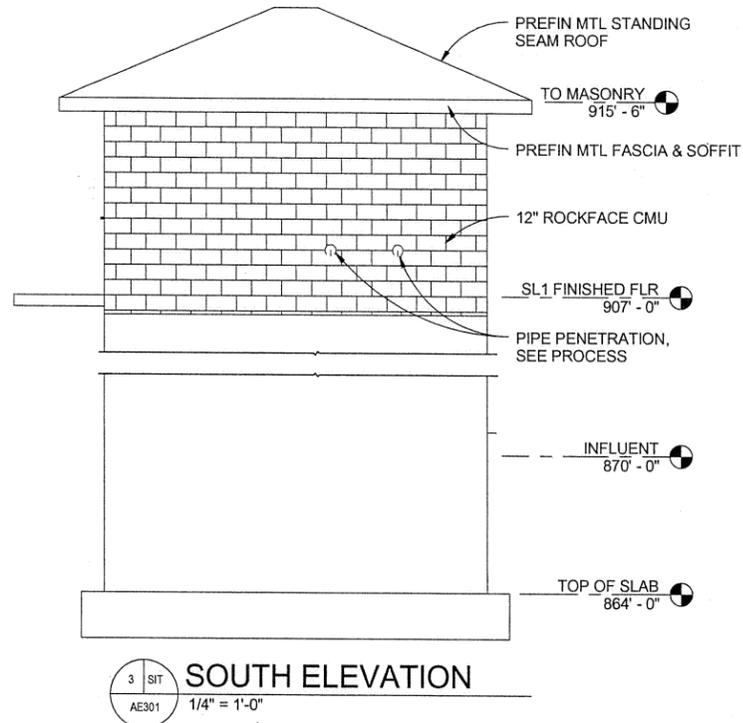


APPROVED RECORD DRAWING	
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CONSULTING ENGR REP	CONTRACT 09P160
DATE	FILE NAME EBT_XXX_SIT_EL111
MCES CONSTRUCTION DEPT REP	DATE
DATE	EAST BETHEL
MCES ENGR DEPT REP	

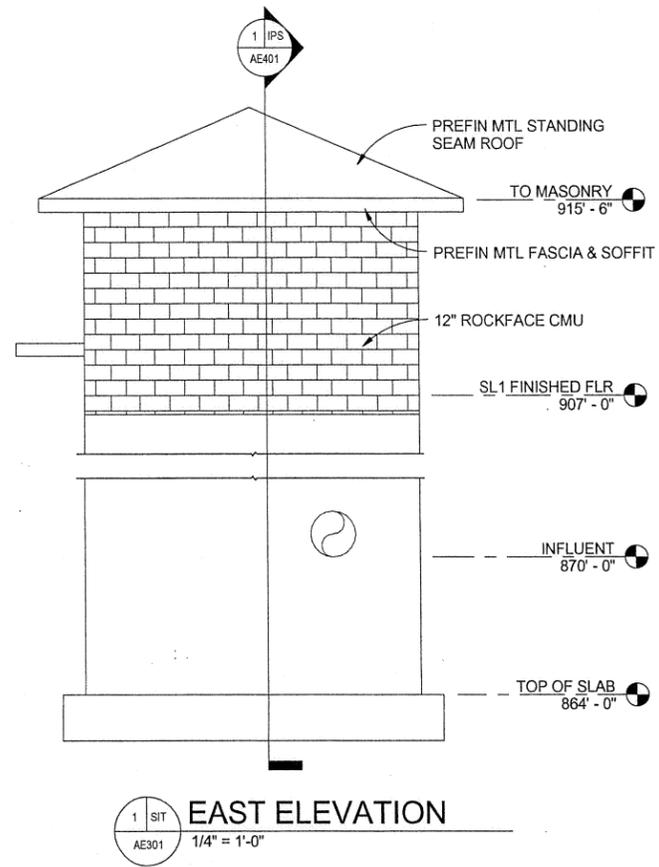
EAST BETHEL WASTEWATER TREATMENT PLANT
 WATER RECLAMATION FACILITY
 PLC PT
SITE LIGHTING PLAN
 MINNESOTA

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 EL111
 X OF X **12**

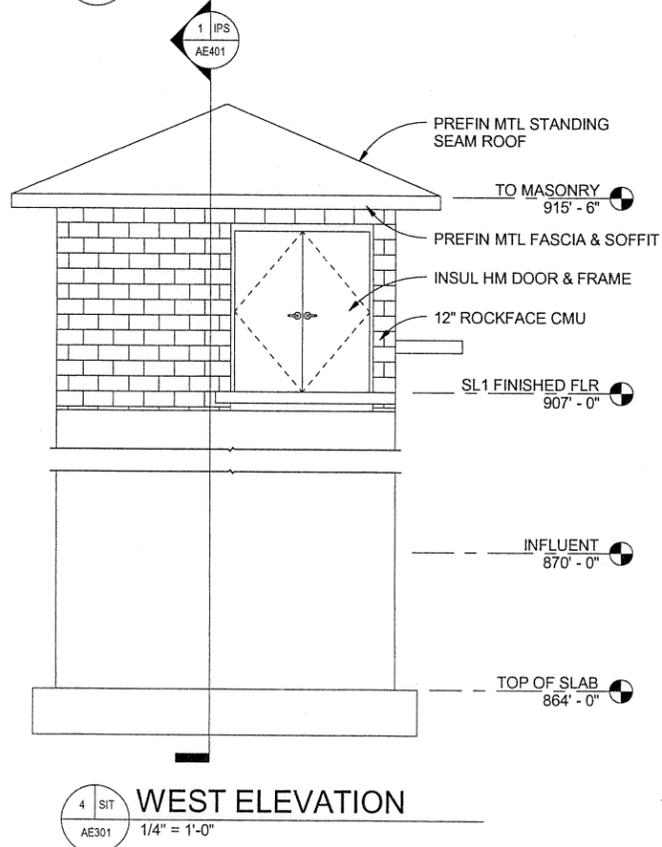
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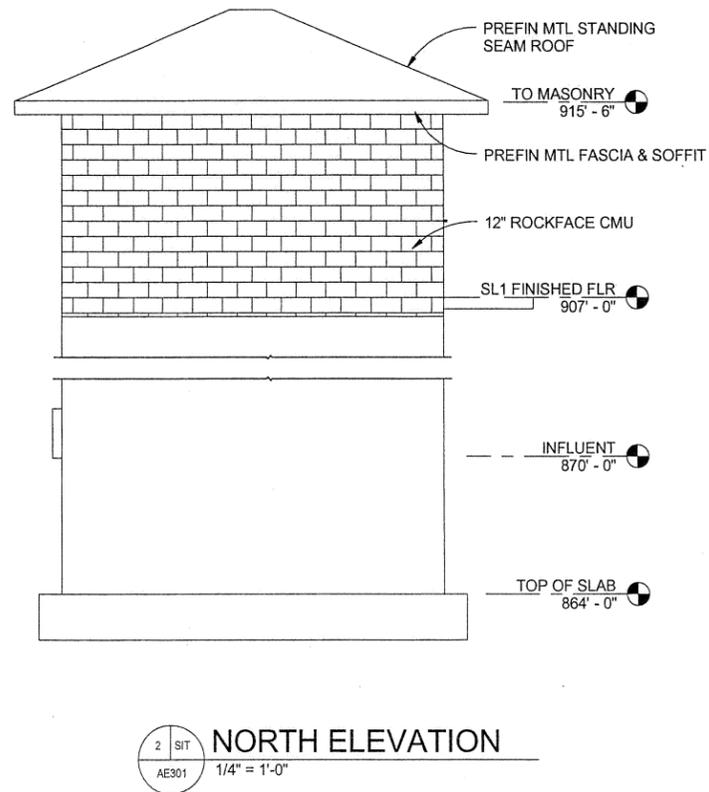
SOUTH ELEVATION
 3 SIT AE301 1/4" = 1'-0"



EAST ELEVATION
 1 SIT AE301 1/4" = 1'-0"

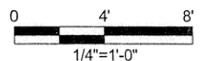


WEST ELEVATION
 4 SIT AE301 1/4" = 1'-0"



NORTH ELEVATION
 2 SIT AE301 1/4" = 1'-0"

**CITY SITE REVIEW
 NOT FOR CONSTRUCTION**



NO	DATE	BY	REMARKS	NO	DATE	BY	REMARKS

DESIGNED PJB/CWC	CHECKED DAJ	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A FULLY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA. SIGNATURE: <i>Philip J. Briggs</i> PHILIP J. BRIGGS DATE: 7-18-11 REG NO: 44387
DRAWN CWC	APPROVED Approver	
DATE MM/DD/YY	CONSULTANT NO 14529.000	

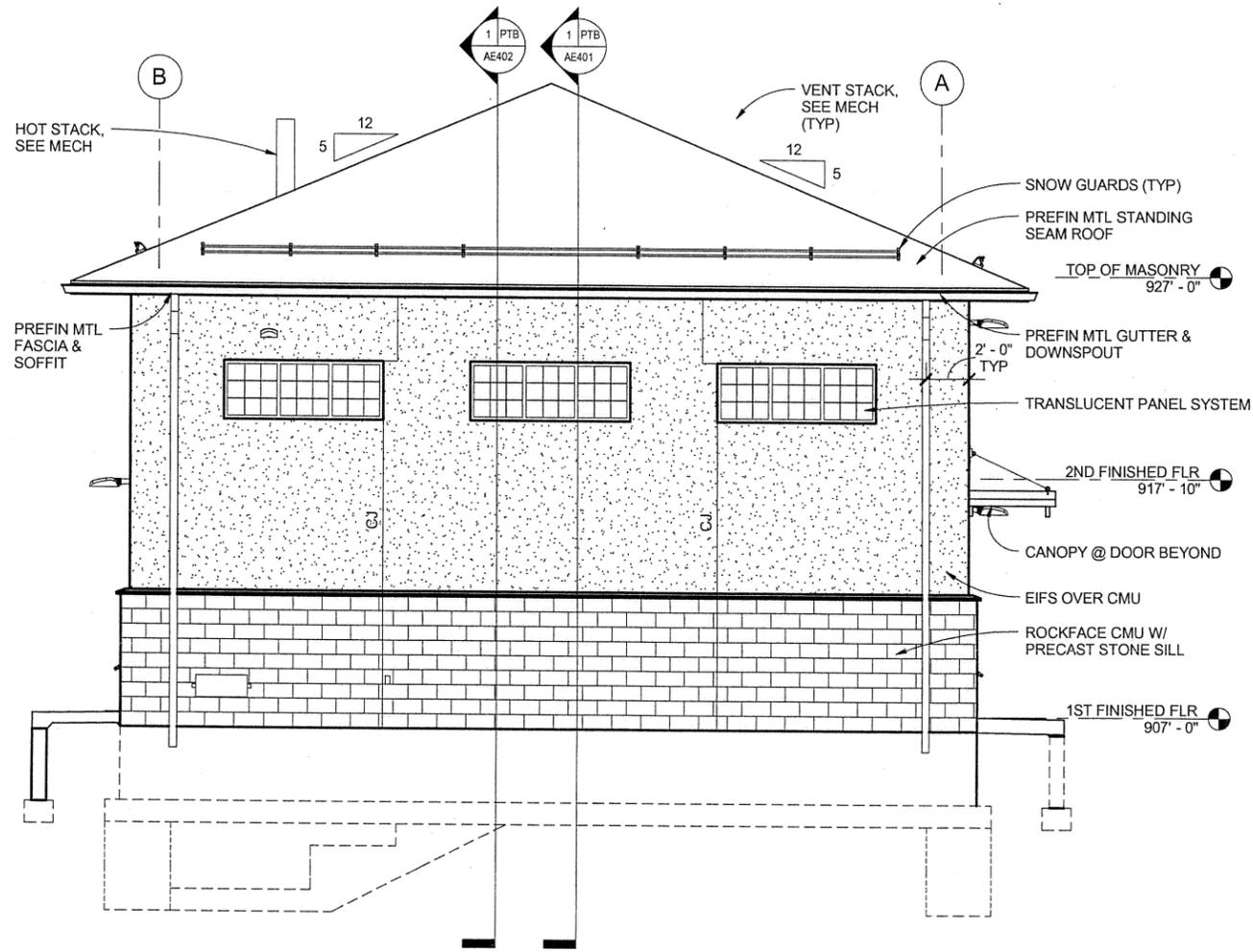
TKDA
 ENGINEERING • ARCHITECTURE • PLANNING

APPROVED RECORD DOCUMENT	PROJECT 801620
CONSULTING ENGR REP DATE	CONTRACT 09P160
MCES CONSTRUCTION DEPT REP DATE	FILE NAME
MCES ENGR DEPT REP DATE	

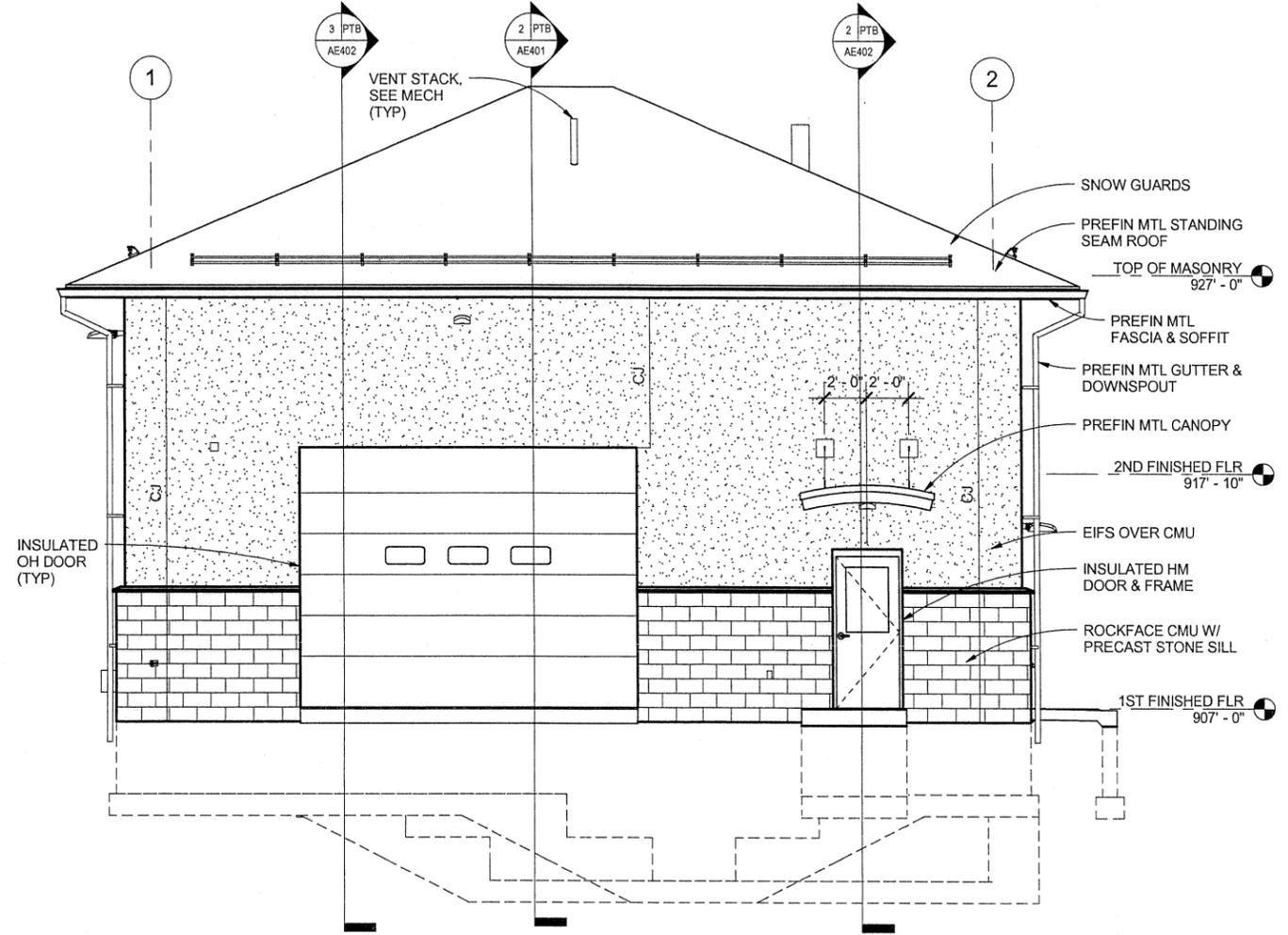
PROJECT 801620
CONTRACT 09P160
FILE NAME

EAST BETHEL WASTEWATER TREATMENT PLAN
 WATER RECLAMATION FACILITY
 INFLUENT PUMPING STATION
 BUILDING ELEVATIONS
 EAST BETHEL MINNESOTA

IPS
 AE301
 OF X **13**

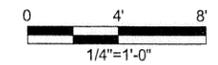


2 PTB
 AE301 1/4" = 1'-0"
NORTH ELEVATION



4 PTB
 AE301 1/4" = 1'-0"
WEST ELEVATION

**CITY SITE REVIEW
 NOT FOR CONSTRUCTION**



NO	DATE	BY	REMARKS	NO	DATE	BY	REMARKS
REVISIONS				REVISIONS			

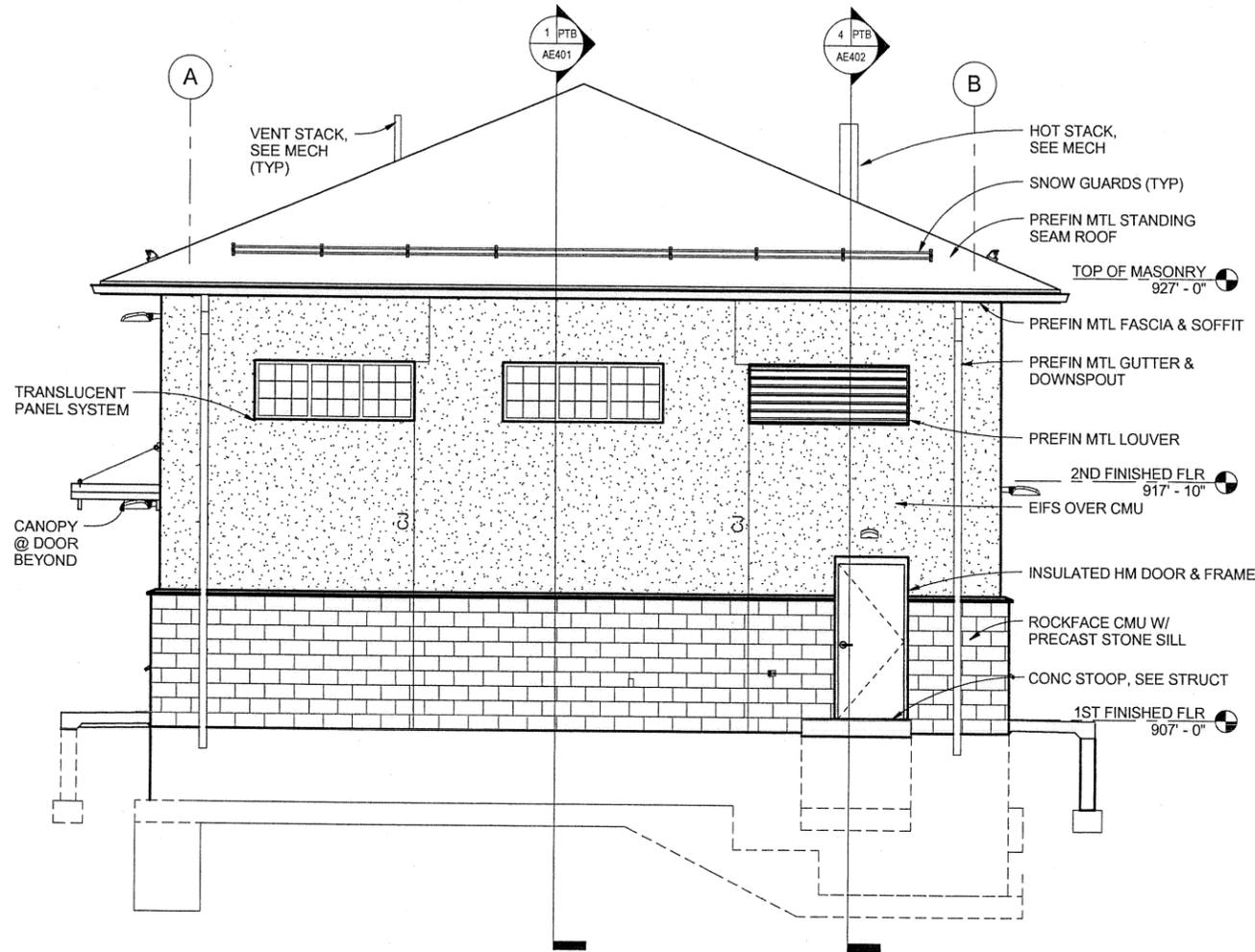
DESIGNED: PJB/CWC
 CHECKED: DAJ
 DRAWN: CWC
 APPROVED: Approver
 DATE: MM/DD/YY
 CONSULTANT NO: 14529.000
 I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.
 SIGNATURE: *Philip Briggs*
 TYPED OR PRINTED NAME: PHILIP BRIGGS
 DATE: 7-18-11 REG NO: 44387



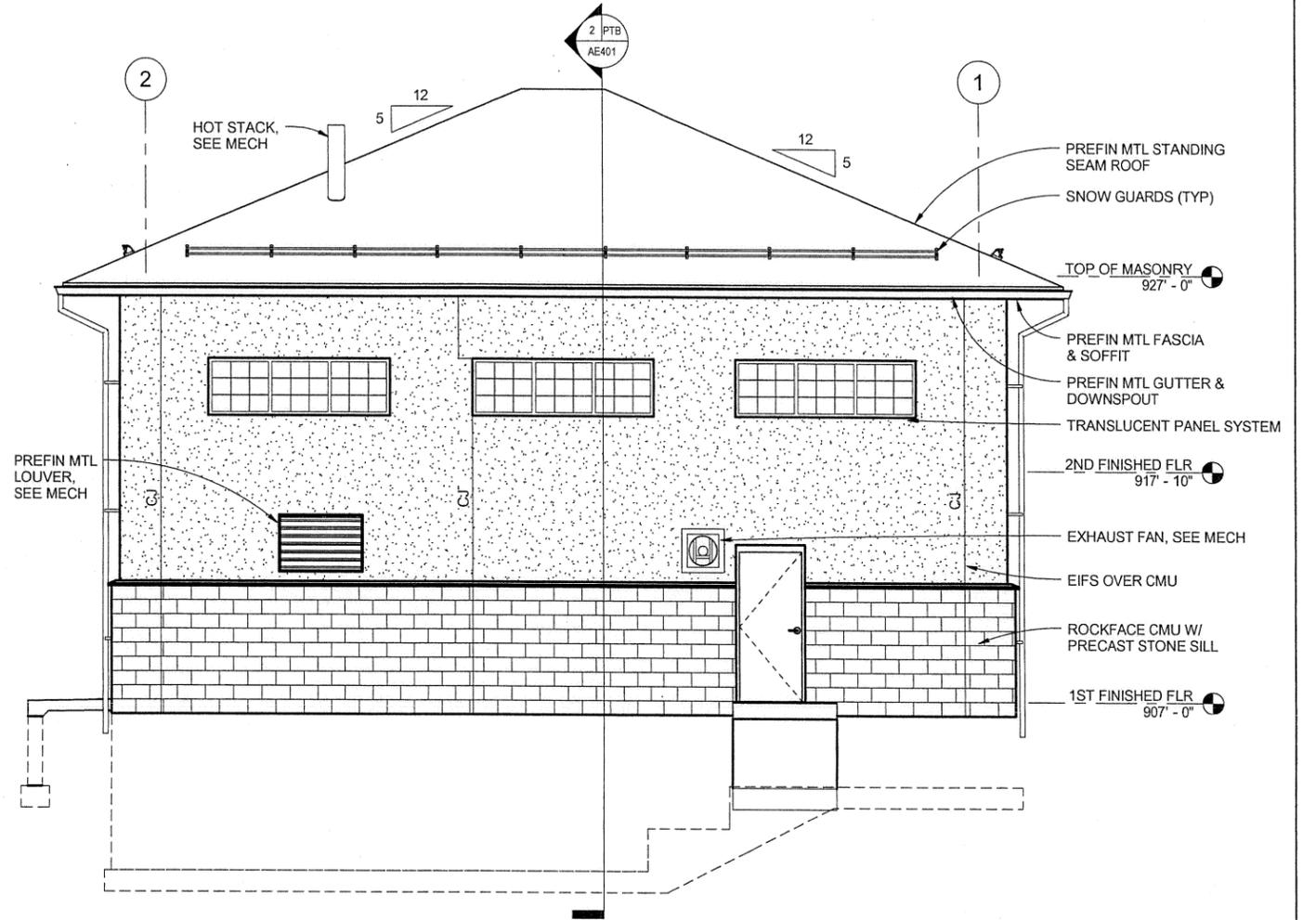
APPROVED RECORD DOCUMENT		PROJECT
DATE		801620
CONSULTING ENGR REP	DATE	CONTRACT
		09P160
MCES CONSTRUCTION DEPT REP	DATE	FILE NAME
		EBT_PRE_PTB_AE301
MCES ENGR DEPT REP	DATE	

EAST BETHEL WASTEWATER TREATMENT PLAN
 WATER RECLAMATION FACILITY
 PRELIMINARY TREATMENT
 BUILDING ELEVATIONS 1
 EAST BETHEL, MINNESOTA

PTB
 AE301
 14 OF X

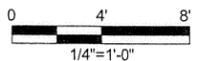


2 PTB
 AE302
SOUTH ELEVATION
 1/4" = 1'-0"



1 PTB
 AE302
EAST ELEVATION
 1/4" = 1'-0"

**CITY SITE REVIEW
 NOT FOR CONSTRUCTION**



NO	DATE	BY	REMARKS

DESIGNED PUB/CWC	CHECKED DAL	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA. SIGNATURE: <i>Philip J. Ego</i> TYPED OR PRINTED NAME: PHILIP J. EGOS DATE: 7-18-11 REG NO: 44387
DRAWN CWC	APPROVED Approver	
DATE MM/DD/YY	CONSULTANT NO 14529.000	

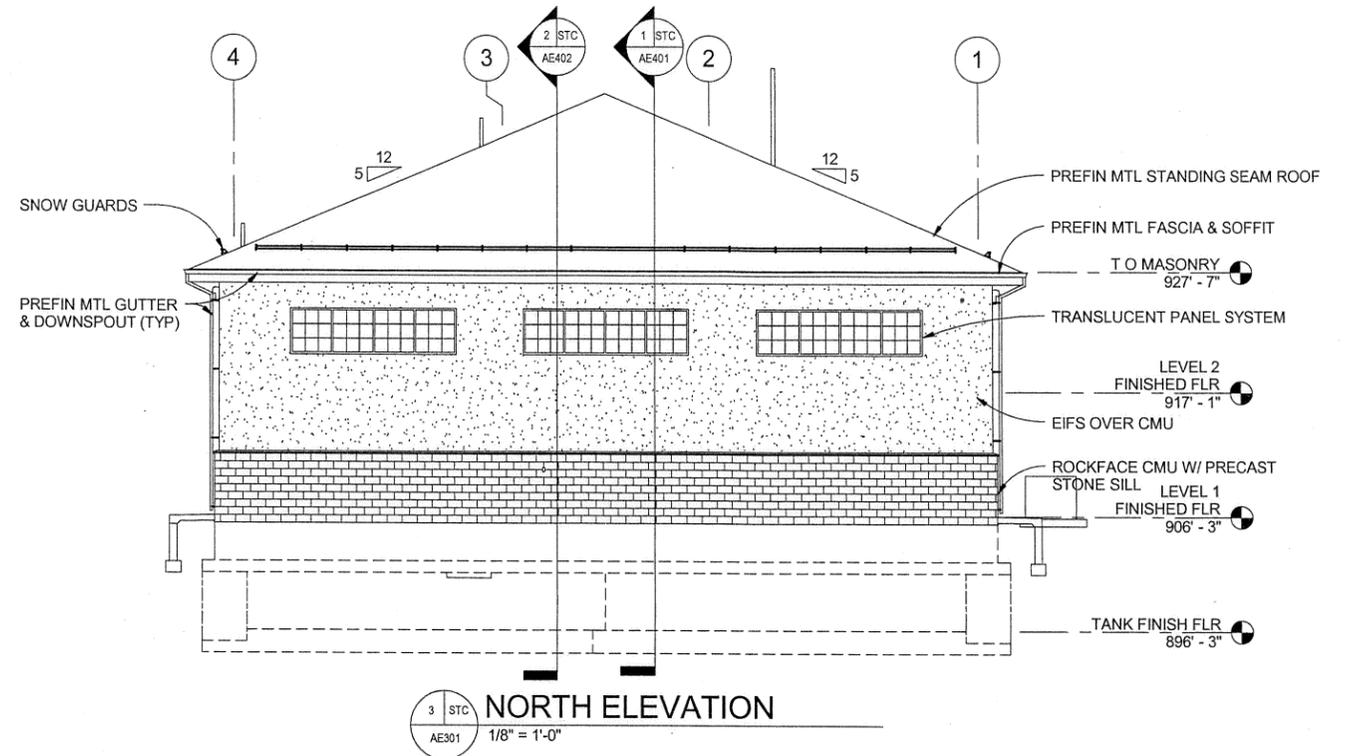


APPROVED RECORD DOCUMENT	
CONSULTING ENGR REP	DATE
MCES CONSTRUCTION DEPT REP	DATE
MCES ENGR DEPT REP	DATE

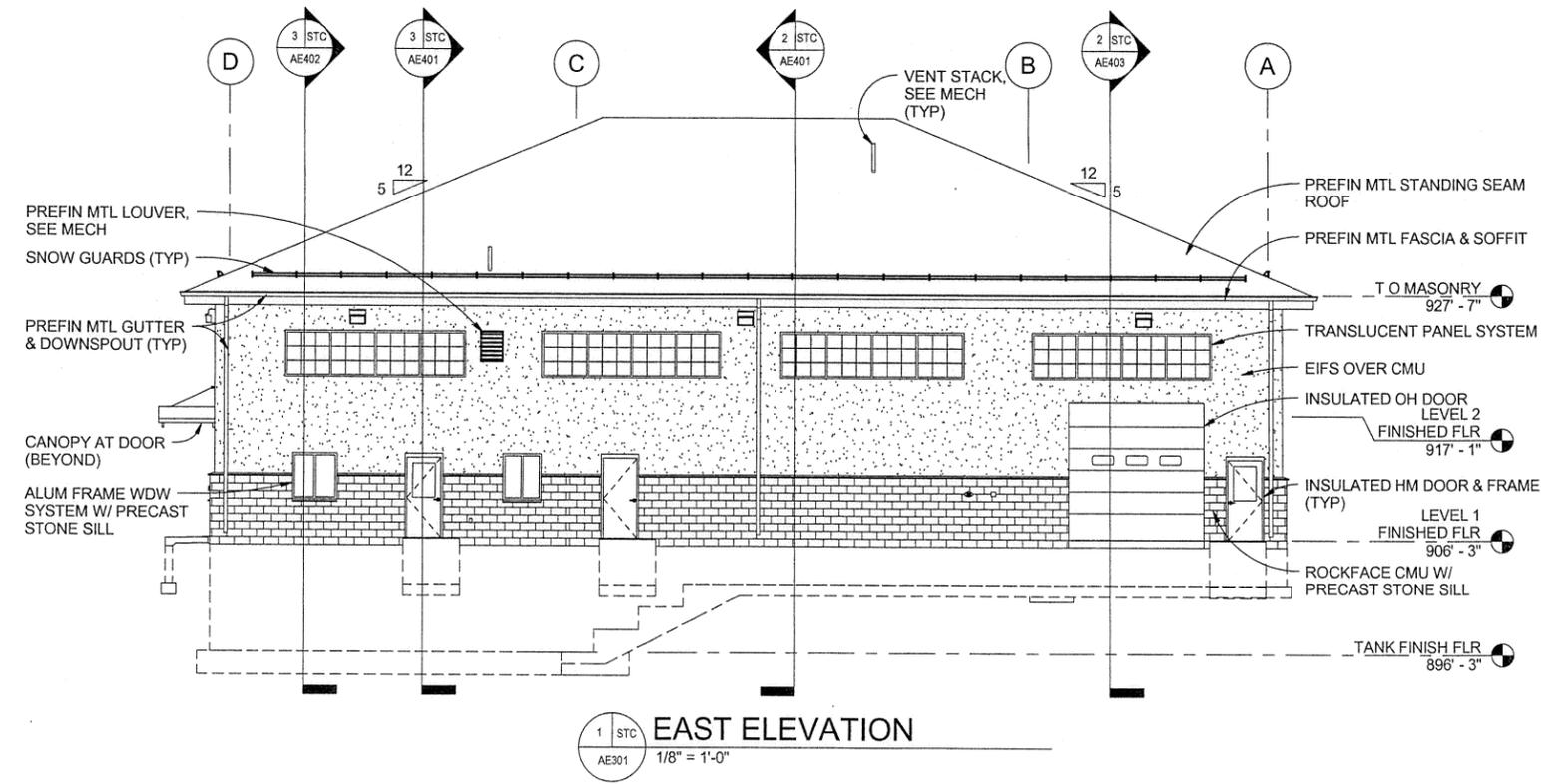
PROJECT 801620
CONTRACT 09P160
FILE NAME EBT_PRE_PTBAE302

EAST BETHEL WASTEWATER TREATMENT PLAN
 WATER RECLAMATION FACILITY
 PRELIMINARY TREATMENT
 BUILDING ELEVATIONS 2
 EAST BETHEL
 MINNESOTA

PTB
 AE302
 15
 OF X

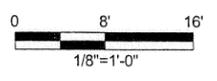


3 STC
 AE301
 1/8" = 1'-0"
NORTH ELEVATION



1 STC
 AE301
 1/8" = 1'-0"
EAST ELEVATION

**CITY SITE REVIEW
 NOT FOR CONSTRUCTION**



NO	DATE	BY	REMARKS

DESIGNED PJB/CWC	CHECKED DAJ	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A FULLY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA. SIGNATURE: <i>Philip J. Burgess</i> TYPED OR PRINTED NAME: PHILIP J. BURGESS DATE: 7-18-11 REG NO: 44387
DRAWN CWC	APPROVED Approver	
DATE Issue Date	CONSULTANT NO 14529.000	

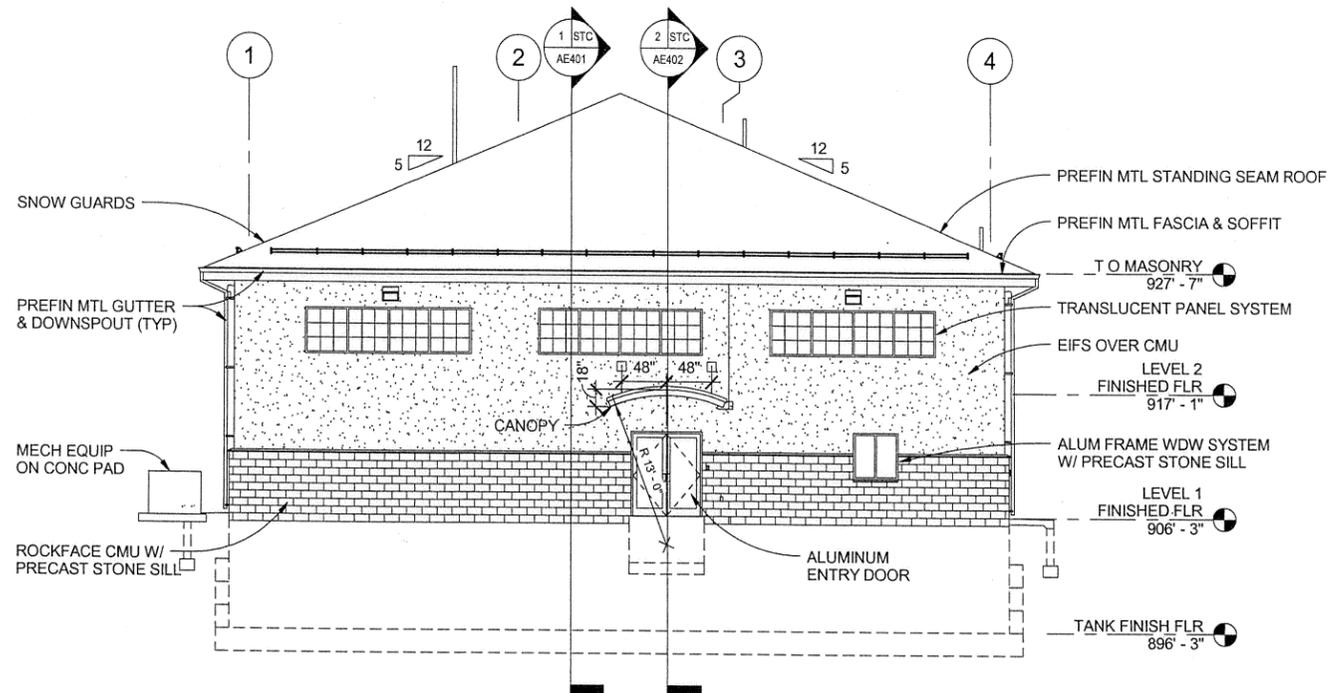


APPROVED RECORD DOCUMENT	PROJECT 80162
DATE	CONTRACT 09P160
CONSULTING ENGR REP	DATE
MCES CONSTRUCTION DEPT REP	DATE
MCES ENGR DEPT REP	DATE

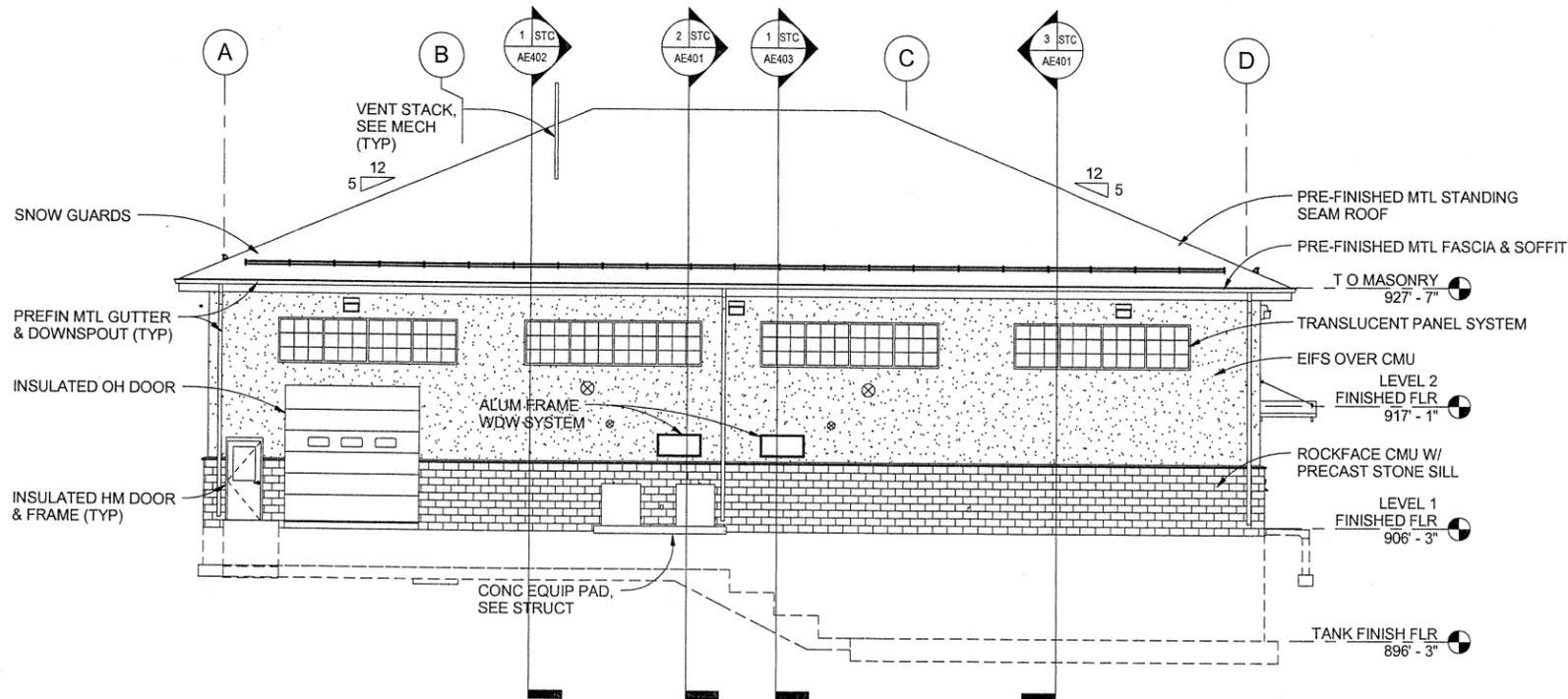
FILE NAME EBT_SEC_STC_AE301

EAST BETHEL WASTEWATER TREATMENT PLANT
 WATER RECLAMATION FACILITY
 SECONDARY TREATMENT & CONTROL
 BUILDING ELEVATIONS 1
 EAST BETHEL, MINNESOTA

STC
 AE301
 of 243 **16**

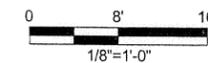


1 STC
 AE302
 SOUTH ELEVATION
 1/8" = 1'-0"



2 STC
 AE302
 WEST ELEVATION
 1/8" = 1'-0"

CITY SITE REVIEW
 NOT FOR CONSTRUCTION



NO	DATE	BY	REMARKS

DESIGNED PJB/CWC	CHECKED DAJ	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. SIGNATURE: <i>Philip J. Briggs</i> TYPED OR PRINTED NAME: PHILIP J. BRIGGS DATE: 7-18-11 REG NO: 44387
DRAWN CWC	APPROVED Approver	
DATE	CONSULTANT NO	
Issue Date	14529.000	



APPROVED RECORD DOCUMENT	
CONSULTING ENGR REP	DATE
MCES CONSTRUCTION DEPT REP	DATE
MCES ENGR DEPT REP	DATE

PROJECT	80162
CONTRACT	09P160
FILE NAME	EBT_SEC_STC_AE302

EAST BETHEL WASTEWATER TREATMENT PLANT
 WATER RECLAMATION FACILITY
 SECONDARY TREATMENT & CONTROL
 BUILDING ELEVATIONS 2
 EAST BETHEL MINNESOTA

STC
 AE302
 of 243

RECEIVED
7/8/11
Hanson

MEMORANDUM

TO: Stephanie Hanson, City Planner
FROM: Craig J. Jochum, City Engineer
DATE: July 8, 2011
RE: Site Plan - East Bethel Water Reclamation Plant

As requested, we have reviewed the Site Plan submittal prepared by TKDA, dated May 2011 for the above referenced site. We have the following comments:

1. The following information shall be submitted by the MCES:
 - a. Legal description of the property.
 - b. Evidence of ownership or an interest in the property.
 - c. Certification of taxes paid.
 - d. A Certificate of Survey signed by a licensed land surveyor.
2. For our review please provide a full size set of **signed** construction drawings, including, at a minimum, a grading, drainage and erosion control plan, site plan, utility plan and landscape plan.
3. Remove road improvements show for Buchanan Street since they will not be completed at this time. Check the spelling of Buchanan on the construction sheets.
4. Label the existing and proposed contour elevations on the grading plan..
5. Label the line types shown on the grading plan or add a legend.
6. Provide stormwater calculations for the site in accordance with the local surface water management plan.
7. An NPDES permit will be have to be obtained prior to the start of grading.
8. At a minimum, add a curb detail, typical pavement section detail and typical structure details to the construction plans. Provide specifications or refer to the appropriate Mn/DOT design and specifications.

Attachment #9

9. To ensure maintenance of the onsite pond is performed, the City will require an easement and maintenance agreement.

If you have any questions regarding this review please call me at 763-852-0485.



City of East Bethel Planning Commission Agenda Information

Date:

July 26, 2011

Agenda Item Number:

Item 4.0

Agenda Item:

Request for Site Plan Review for the City of East Bethel Water Treatment Plant

Requested Action:

Recommend Approval of the Site Plan to City Council

Background Information:

Property Owner/Applicant:

City of East Bethel
2241 221st Avenue NE
East Bethel MN 55011

Property Location:

19458 Taylor Street NE
East Bethel MN 55011
PIN 29-33-23-23-0005

The City of East Bethel is requesting Site Plan approval to construct a Water Treatment Plant (WTP). The City of East Bethel has recently purchased the property from Ms. Kim Thompson and a portion of the property from Shaw Trucking for the construction of the WTP. The General Location of the WTP is shown on Attachment 1 and the Property Survey is shown on Attachment 2. It is anticipated that the WTP construction will begin October of this year.

The WTP will be owned and operated by the City of East Bethel. One staff person will check the WTP on a daily basis. This individual will have the required licensure to operate a Class C WTP. Currently, there is a full-time City employee who possesses the required licensing. Bulk chemical delivery will occur approximately once per month, therefore, traffic generated will be minimal.

Attachment 3 is the Existing Topography and Removal Plan. This plan shows the existing residential structures (house, garage, well, and septic) that will be removed from the site. The WTP will include a 1,624 square foot building (42' by 38'-8") as shown on Attachment 4. Attachment 5 is the Exterior Perspective of the proposed WTP looking southwest.

The existing parcel is accessed off Taylor Street NE. This access encroaches on the parcel that is directly north of the WTP. A new access to the WTP will be constructed off of Taylor Street as

shown on the Site Plan (Attachment 4). The proposed areas of pavement and gravel and future pavement areas are shown on the Pavement Plan which is Attachment 6.

Parking is provided on site. The proposed site plan provides six (6) parking stalls. One accessible stall has been provided to meet ADA requirements. In this particular instance, off-street parking requirements are based off the type of use and number of employees. Since the facility is not open to the public, the only expected traffic is from 1 employee that is staffed during the weekdays..

There will be autumn blaze maples, spirea, and mint julep planted around the north and east side of the building. The Landscaping Plan is included as Attachment 7. The existing trees and vegetation along the north boundary of the property will remain in place. According to East Bethel City Code, all new plantings, including turf establishment, must be guaranteed for one full year from the time the planting. The Contractor will be responsible for the plantings for the first year. The City will be responsible for ensuring the landscaping remains healthy after the first year. Plantings that do not establish must be replaced.

At this time 6-foot chain link fence is proposed around Well No. 3 and No. 4.

The Lighting Plan is included as Attachment 7. The plan provides for lighting around the building and one additional downcast shielded light mounted on a pole at the intersection. Lighting sources will be hooded so as not to light adjacent property. Also, pole cannot exceed a height of thirty (30) feet.

A Grading, Drainage, and Erosion Control Plan are included as Attachment 8 and a Utility Plan has been included as Attachment 9.

A Floor Plan has been included as Attachment 10, and Exterior Elevations have been included as Attachment 11. The proposed building is a masonry structure with a 12-inch brick exterior. Proposed exterior colors are shown on Attachment 5.

Attachments:

1. Location Map
2. Property Survey
3. Existing Topography and Removals Plan
4. Site Plan
5. Exterior Perspective
6. Pavement Plan
7. Landscape and Lighting Plan
8. Grading, Drainage and Erosion Control Plan
9. Utility Plan
10. Floor Plan
11. Exterior Elevations

Fiscal Impact:

Undetermined

Recommendation:

Staff requests Planning Commission recommend approval to City Council of a site plan review for the construction of the City of East Bethel Water Treatment Plant, PIN 29-33-23-23-0005, 19458 Taylor Street, with the following conditions:

1. Applicant must continue to work with staff to satisfy all comments and concerns to staffs' satisfaction.
2. Landscaping is to be guaranteed for one (1) growing season. Plantings that do not establish must be replaced.
3. Signage must meet requirements according to East Bethel City Code Chapter 54. Signs. Sign permits must be approved prior to the installation of signage on site.
4. Any modifications to the approved site plan shall be submitted to and approved by City Staff.
5. Improvements will be required to meet East Bethel engineering standards.
6. All conditions must be satisfied prior to the issuance of a building permit.

City Council Action

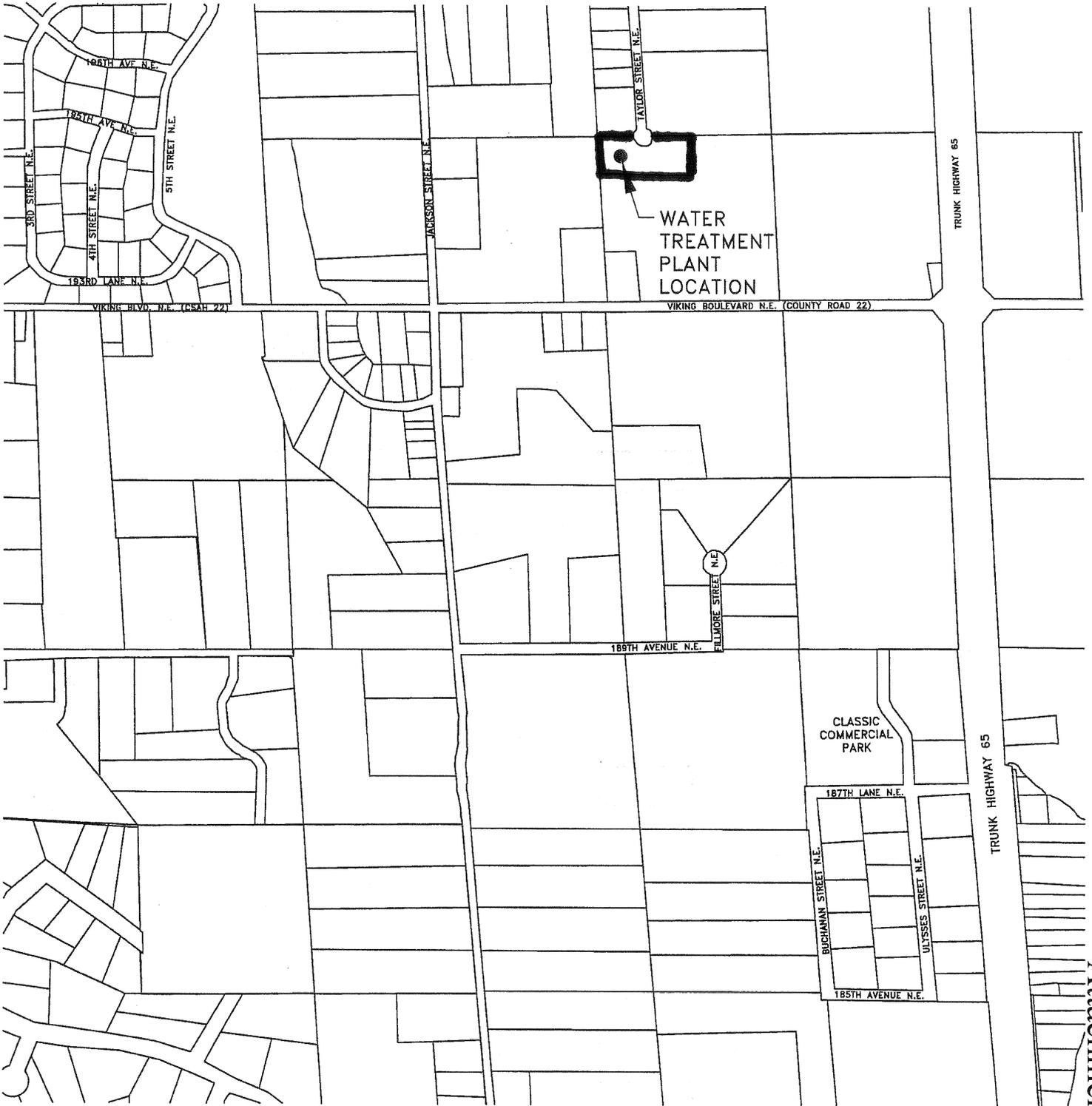
Motion by:_____

Second by:_____

Vote Yes:_____

Vote No:_____

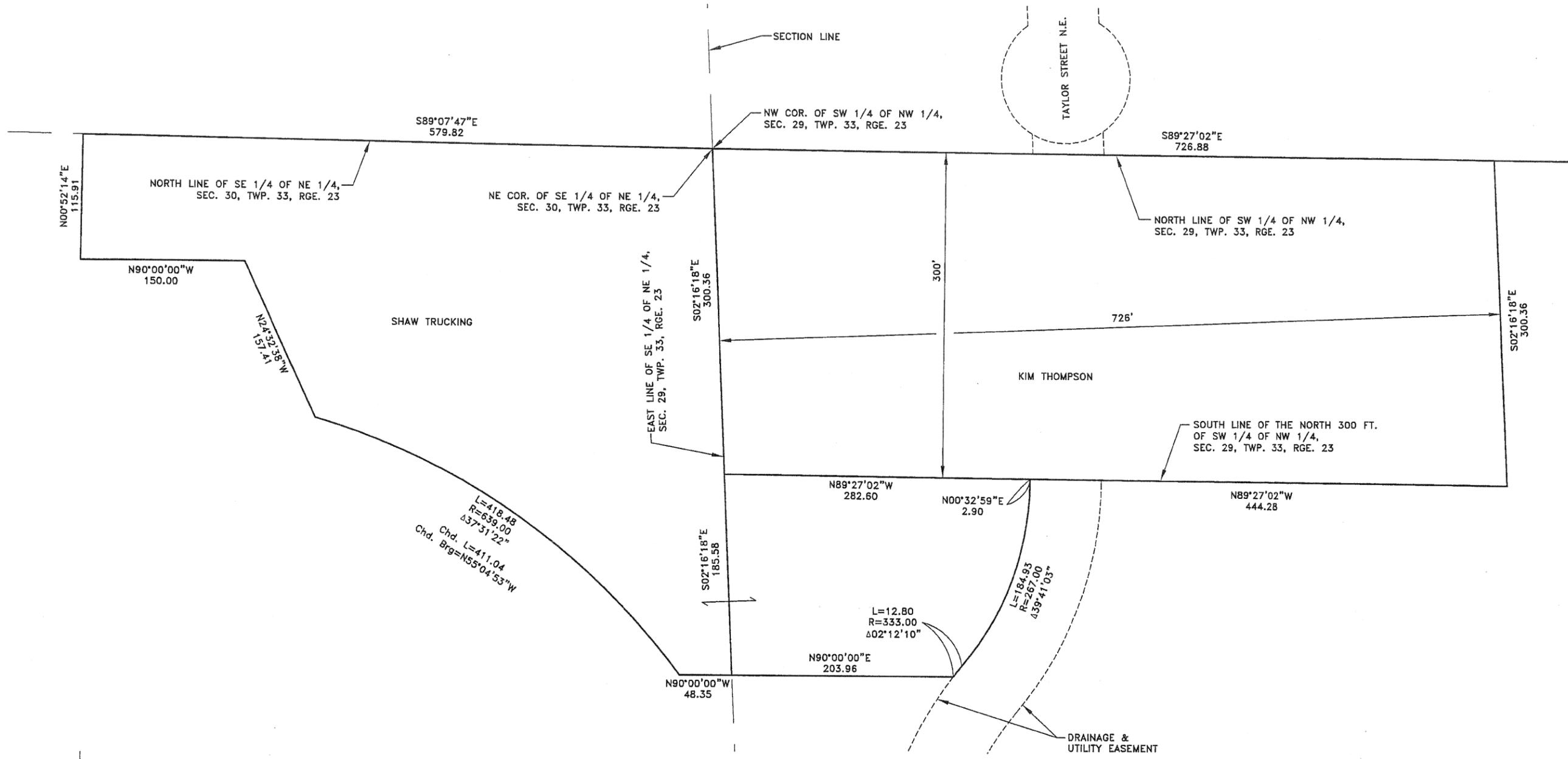
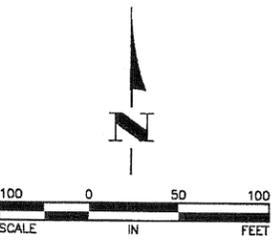
No Action Required:_____



Attachment #1

LOCATION MAP

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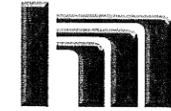


ATTACHMENT 2

DATE	REVISION

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
 Date 7/15/11 CRANG J. JOCHUM, P.E. Lic. No. 23461

DESIGNED BY: TAE
 DRAWN BY: TAE
 CHECKED BY: CJJ



Hakanson Anderson Assoc., Inc.
 Civil Engineers and Land Surveyors
 3601 Thurston Ave., Anoka, Minnesota 55303
 763-427-5860 FAX 763-427-0520
 www.hakanson-anderson.com

EAST BETHEL
 WATER TREATMENT PLANT NO. 1

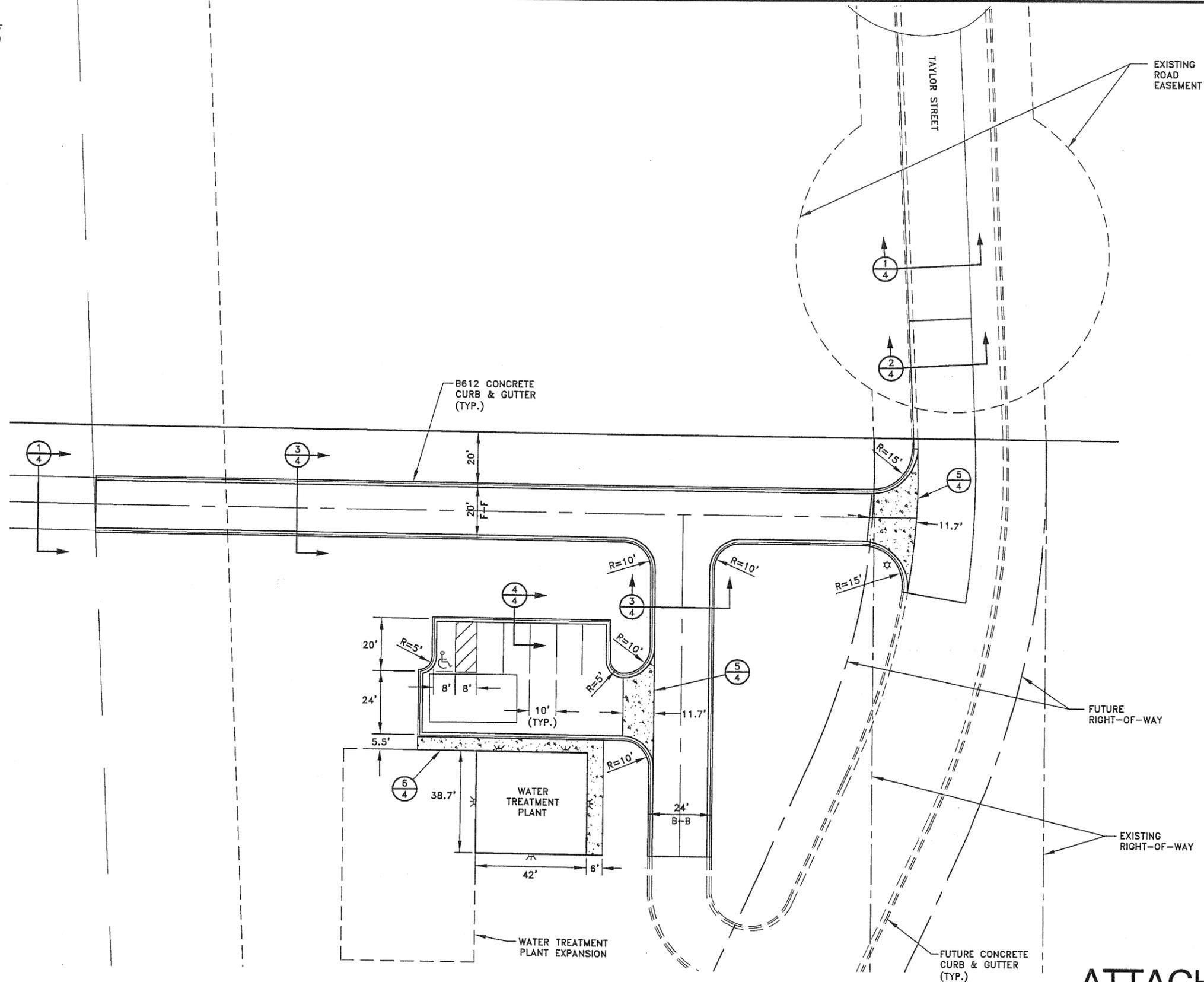
PROPERTY SURVEY
 CITY OF EAST BETHEL, MINNESOTA

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GENERAL NOTES:

1. RADIUS DIMENSIONS ARE MEASURED TO THE BACK OF THE CURB. ALL OTHER DIMENSIONS ARE MEASURED TO THE FACE OF CURB, UNLESS NOTED OTHERWISE.
2. STRIPING SHALL CONSIST OF 4-INCH SOLID LINE WHITE-EPOXY.

PARKING STALL SUMMARY	QUANTITY
8'x20' STALLS	1
10'x20' STALLS	5
TOTAL STALLS	6
TOTAL HANDICAPPED STALLS	1



ATTACHMENT 4

Jul 18, 2011 - 3:37PM
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DATE	REVISION

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

 CRAIG J. JOCHUM, P.E.
 Date 7/15/11 Lic. No. 23461

DESIGNED BY: TAE
 DRAWN BY: TAE
 CHECKED BY: CJJ



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 www.hakanson-anderson.com

EAST BETHEL
 WATER TREATMENT PLANT NO. 1

SITE PLAN
 CITY OF EAST BETHEL, MINNESOTA

SHEET
 1
 OF



ATTACHMENT 5

DATE	REVISION

NEGEN

12141 17th Ave
 Suite 200
 Oak Grove, MN 55129
 952-935-5304
 952-935-5309
 www.negen.com

DESIGNED BY:
LDN
 DRAWN BY:
AK
 CHECKED BY:
LDN

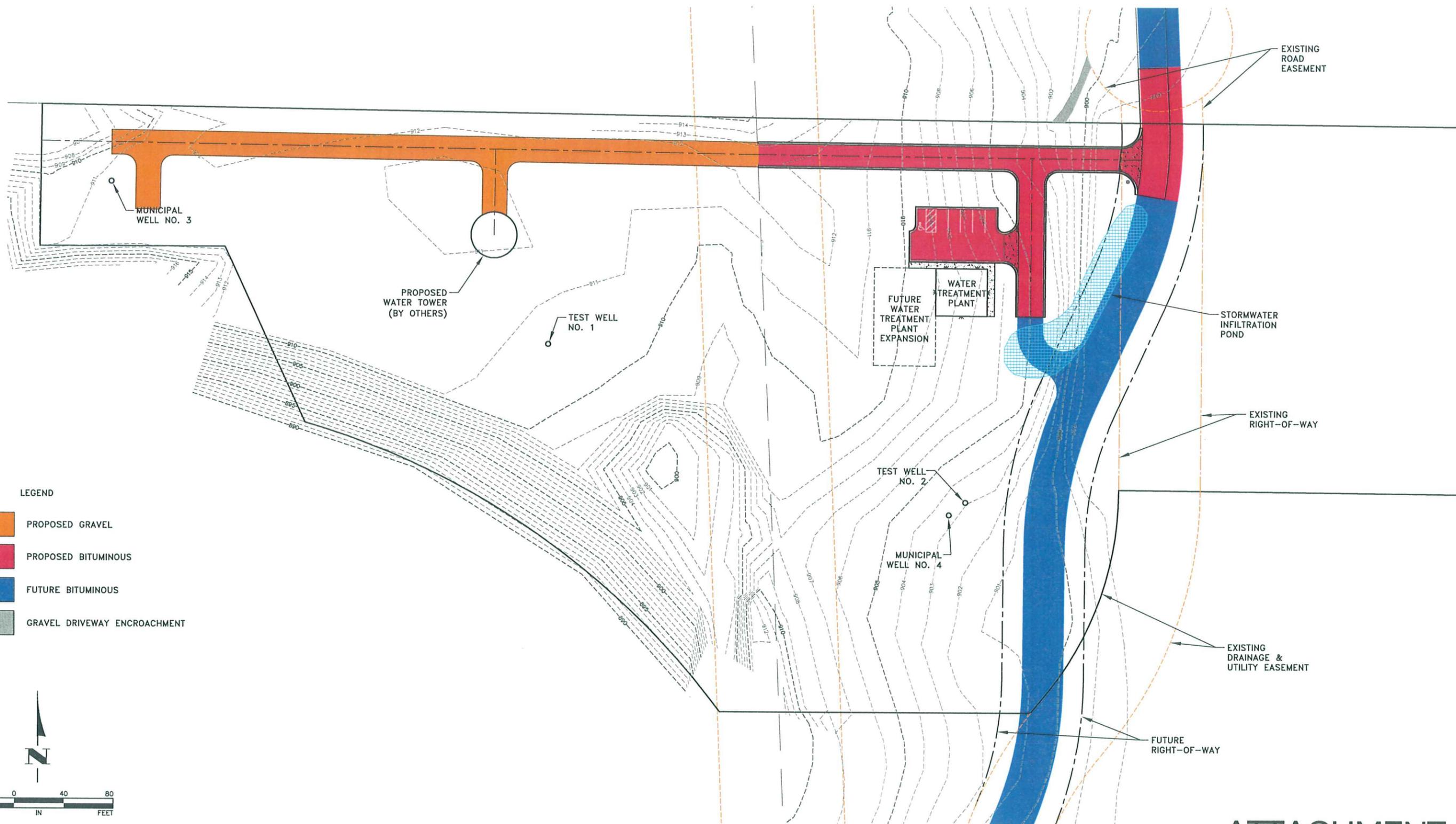


Hakanson Anderson Assoc., Inc.
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 763-427-5860 FAX 763-427-0520
 www.hakanson-anderson.com

EAST BETHEL
 WATER TREATMENT PLANT

EXTERIOR PERSPECTIVE
 CITY OF EAST BETHEL, MINNESOTA

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 X
 SHEETS



- LEGEND**
- PROPOSED GRAVEL
 - PROPOSED BITUMINOUS
 - FUTURE BITUMINOUS
 - GRAVEL DRIVEWAY ENCROACHMENT

ATTACHMENT 6

Jul 18, 2011 3:37 PM K:\proj\100\PROJ\GIS\MUNICIPAL\EB339.dwg\EB339-EXHIBIT.dwg

DATE	REVISION

DESIGNED BY:
TAE
DRAWN BY:
TAE
CHECKED BY:
CJJ



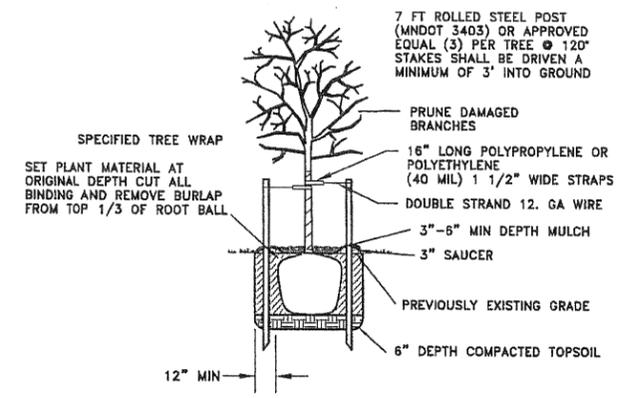
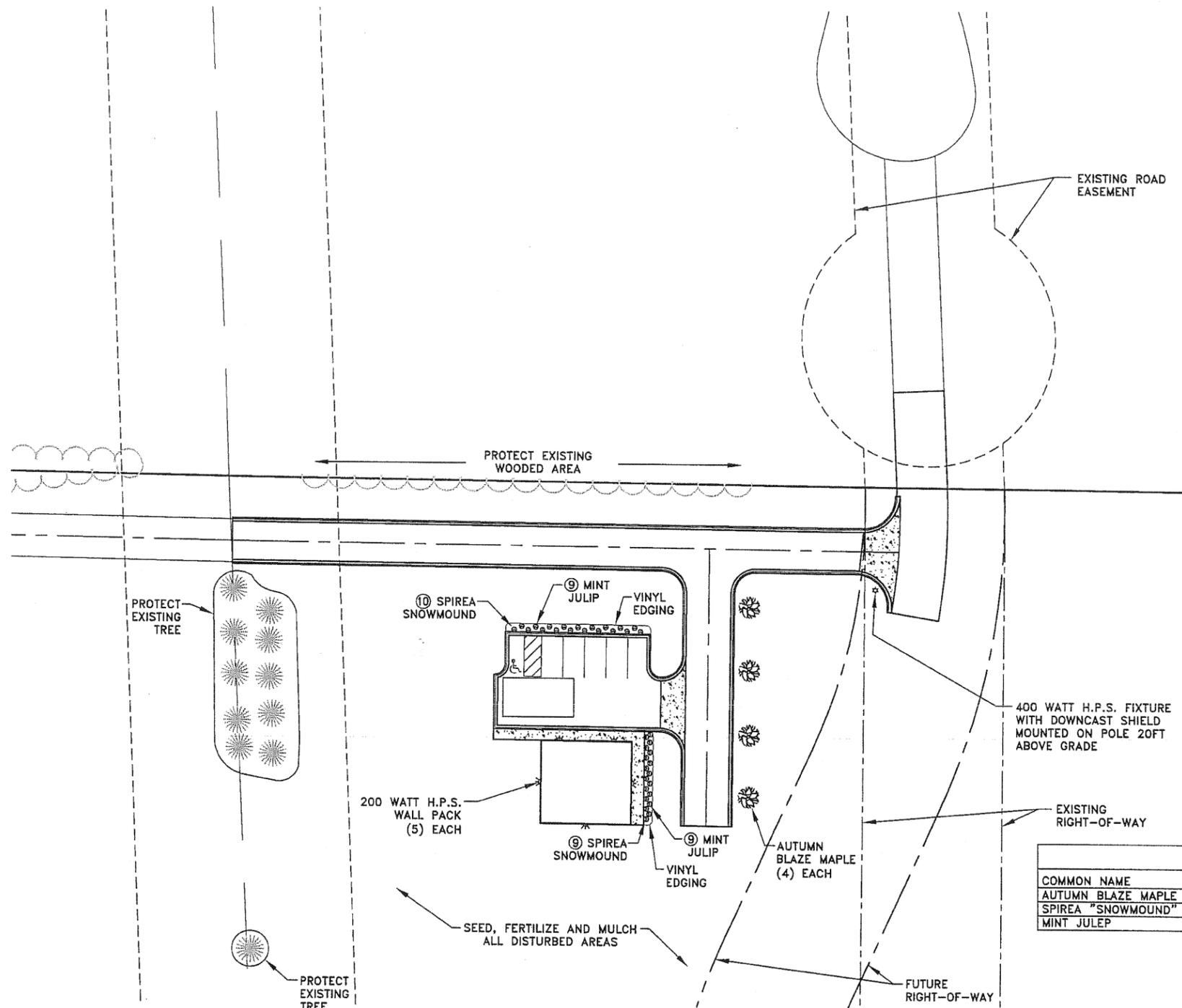
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763-427-5860 FAX 763-427-0520
www.hakanson-anderson.com

**EAST BETHEL
WATER TREATMENT PLANT NO. 1**

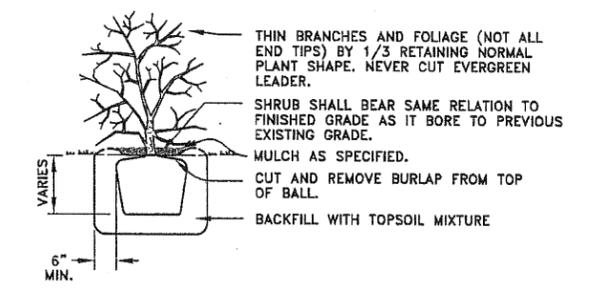
PAVEMENT PLAN EXHIBIT
CITY OF EAST BETHEL, MINNESOTA

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EB339



1 PLANTING DETAIL FOR DECIDUOUS TREES

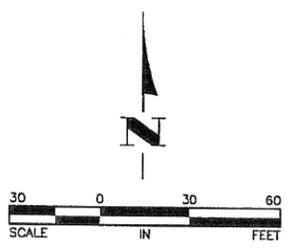


2 SHRUB PLANTING DETAIL

PLANT MATERIAL SCHEDULE				
COMMON NAME	BOTANICAL NAME	QUANTITY	SIZE	METHOD
AUTUMN BLAZE MAPLE	<i>Acer Freemanii</i> "Jeffersed"	4	2.5"	B & B
SPIREA "SNOWMOUND"	<i>Spiraea Nipponica</i> "Snowmound"	19	#5	CONT.
MINT JULEP	<i>Julep Chinensis</i> "Monlep"	18	#5	CONT.

LANDSCAPE SUMMARY:
 5680 SQUARE FEET/2000=3 TREES REQUIRED
 4 TREES PROVIDED
 5680 SQUARE FEET/300=19 SHRUBS REQUIRED
 37 SHRUBS PROVIDED

GENERAL LANDSCAPE NOTES:
 1. AREA WITHIN VINYL EDGING TO BE MULCHED WITH 4" HARDWOOD MULCH
 2. SEED ALL DISTURBED AREAS WITH MNDOT SEED MIX 260, "COMMERCIAL TURF"



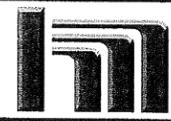
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DATE	REVISION

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

BRAD C. WILKENING, P.E.
 Date 7/15/11 Lic. No. 26908

DESIGNED BY: BCW
 DRAWN BY: TAE
 CHECKED BY: BCW

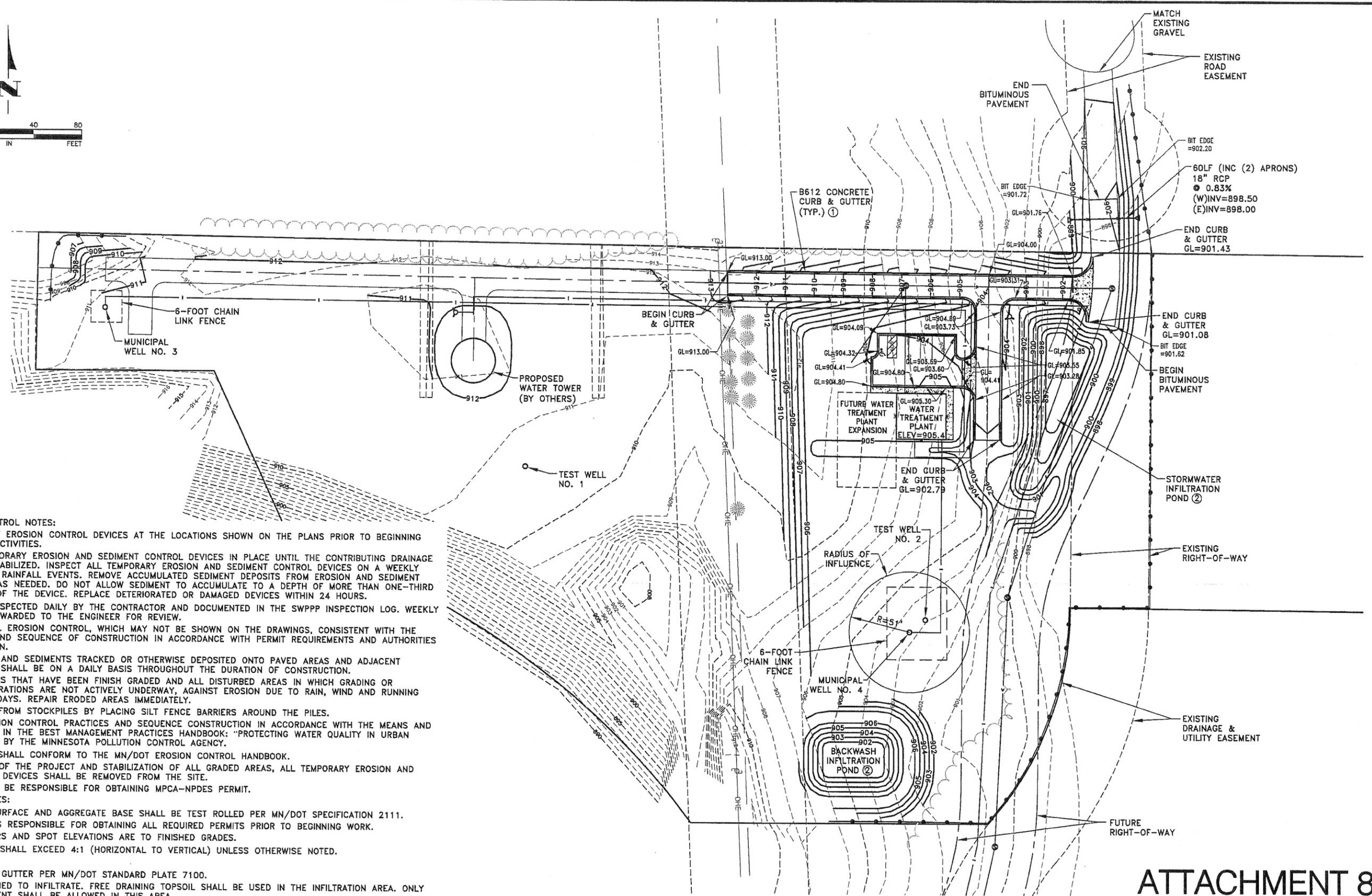
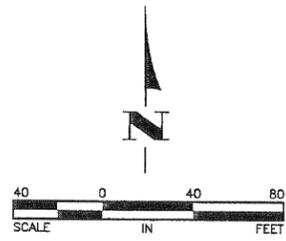


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EAST BETHEL
 WATER TREATMENT PLANT NO. 1

LANDSCAPE AND
 LIGHTING PLAN
 CITY OF EAST BETHEL, MINNESOTA

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GENERAL EROSION CONTROL NOTES:

1. INSTALL TEMPORARY EROSION CONTROL DEVICES AT THE LOCATIONS SHOWN ON THE PLANS PRIOR TO BEGINNING LAND DISTURBING ACTIVITIES.
2. MAINTAIN ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES IN PLACE UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED. INSPECT ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES ON A WEEKLY BASIS AND DURING RAINFALL EVENTS. REMOVE ACCUMULATED SEDIMENT DEPOSITS FROM EROSION AND SEDIMENT CONTROL DEVICES AS NEEDED. DO NOT ALLOW SEDIMENT TO ACCUMULATE TO A DEPTH OF MORE THAN ONE-THIRD OF THE CAPACITY OF THE DEVICE. REPLACE DETERIORATED OR DAMAGED DEVICES WITHIN 24 HOURS.
3. BMP'S SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND DOCUMENTED IN THE SWPPP INSPECTION LOG. WEEKLY LOGS MUST BE FORWARDED TO THE ENGINEER FOR REVIEW.
4. PROVIDE ADDITIONAL EROSION CONTROL, WHICH MAY NOT BE SHOWN ON THE DRAWINGS, CONSISTENT WITH THE MEANS, METHODS AND SEQUENCE OF CONSTRUCTION IN ACCORDANCE WITH PERMIT REQUIREMENTS AND AUTHORITIES HAVING JURISDICTION.
5. REMOVE ALL SOILS AND SEDIMENTS TRACKED OR OTHERWISE DEPOSITED ONTO PAVED AREAS AND ADJACENT STREETS. REMOVAL SHALL BE ON A DAILY BASIS THROUGHOUT THE DURATION OF CONSTRUCTION.
6. STABILIZE ALL AREAS THAT HAVE BEEN FINISH GRADED AND ALL DISTURBED AREAS IN WHICH GRADING OR CONSTRUCTION OPERATIONS ARE NOT ACTIVELY UNDERWAY, AGAINST EROSION DUE TO RAIN, WIND AND RUNNING WATER WITH IN 7 DAYS. REPAIR ERODED AREAS IMMEDIATELY.
7. CONTROL EROSION FROM STOCKPILES BY PLACING SILT FENCE BARRIERS AROUND THE PILES.
8. PERFORM ALL EROSION CONTROL PRACTICES AND SEQUENCE CONSTRUCTION IN ACCORDANCE WITH THE MEANS AND METHODS OUTLINED IN THE BEST MANAGEMENT PRACTICES HANDBOOK: "PROTECTING WATER QUALITY IN URBAN AREAS," PUBLISHED BY THE MINNESOTA POLLUTION CONTROL AGENCY.
9. EROSION CONTROL SHALL CONFORM TO THE MN/DOT EROSION CONTROL HANDBOOK.
10. UPON COMPLETION OF THE PROJECT AND STABILIZATION OF ALL GRADED AREAS, ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES SHALL BE REMOVED FROM THE SITE.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING MPCA-NPDES PERMIT.

GENERAL GRADING NOTES:

1. FINAL SUBGRADE SURFACE AND AGGREGATE BASE SHALL BE TEST ROLLED PER MN/DOT SPECIFICATION 2111.
2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS PRIOR TO BEGINNING WORK.
3. PROPOSED CONTOURS AND SPOT ELEVATIONS ARE TO FINISHED GRADES.
4. NO GRADED SLOPE SHALL EXCEED 4:1 (HORIZONTAL TO VERTICAL) UNLESS OTHERWISE NOTED.

REFERENCE NOTES:

- ① CONSTRUCT CURB & GUTTER PER MN/DOT STANDARD PLATE 7100.
- ② THIS AREA IS DESIGNED TO INFILTRATE. FREE DRAINING TOPSOIL SHALL BE USED IN THE INFILTRATION AREA. ONLY TRACK TYPE EQUIPMENT SHALL BE ALLOWED IN THIS AREA.

ATTACHMENT 8

DATE	REVISION

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

CRAIG J. JOCHUM, P.E.
Date 7/15/11 Lic. No. 23461

DESIGNED BY: TAE
DRAWN BY: TAE
CHECKED BY: CJJ



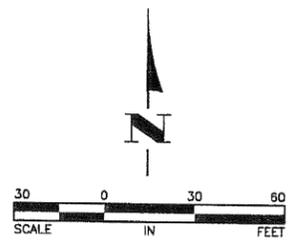
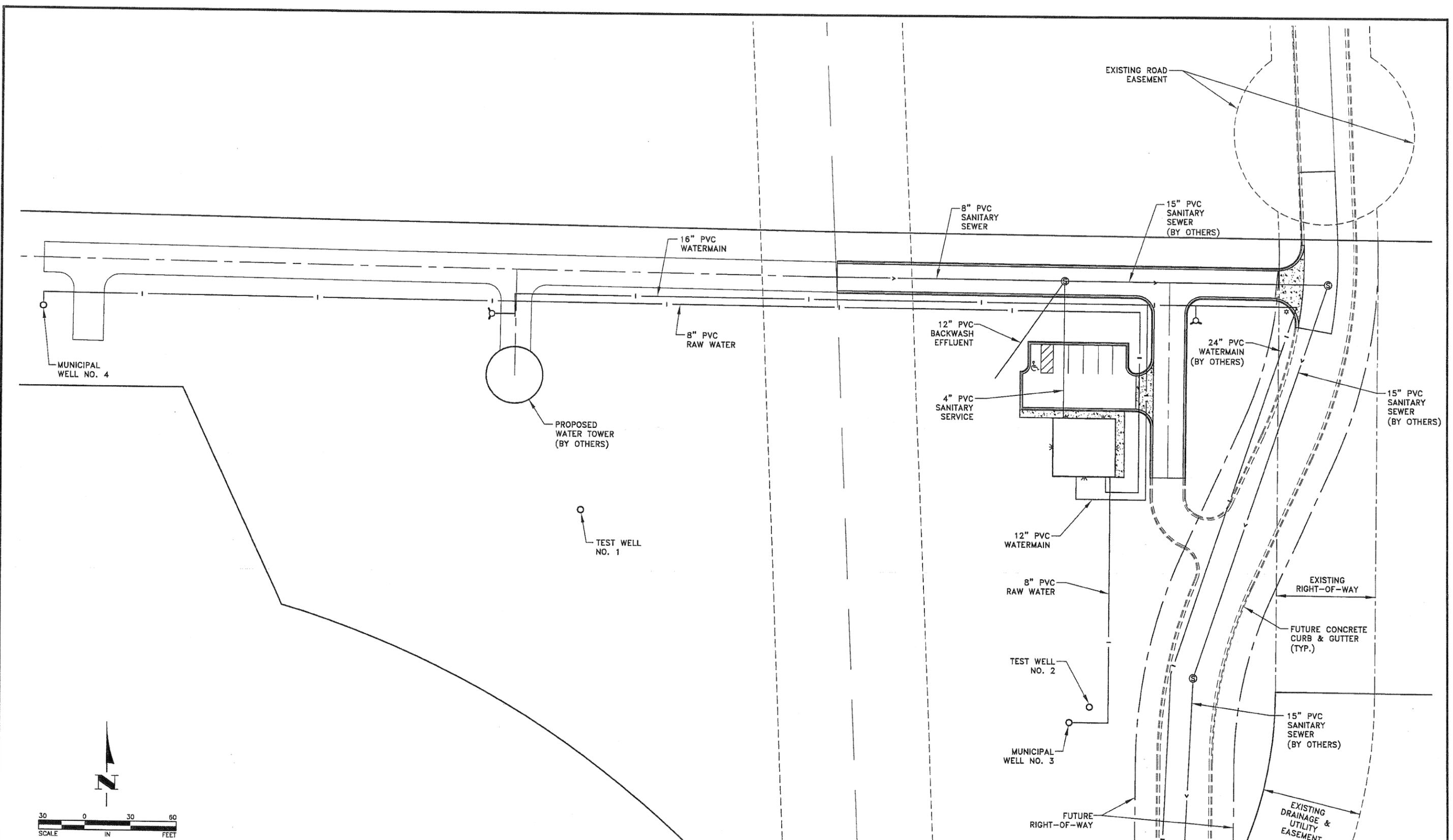
Hakanson Anderson Assoc., Inc.
Civil Engineers and Land Surveyors
3601 Thurston Ave., Anoka, Minnesota 55303
763-427-5860 FAX 763-427-0520
www.hakanson-anderson.com

**EAST BETHEL
WATER TREATMENT PLANT NO. 1**

**GRADING, DRAINAGE AND
EROSION CONTROL PLAN**
CITY OF EAST BETHEL, MINNESOTA

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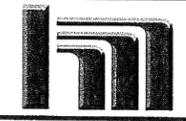
ATTACHMENT 9

DATE	REVISION

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

CRAIG J. JOCHUM, P.E.
Date 7/15/11 Lic. No. 23461

DESIGNED BY:
TAE
DRAWN BY:
TAE
CHECKED BY:
CJJ



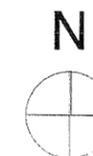
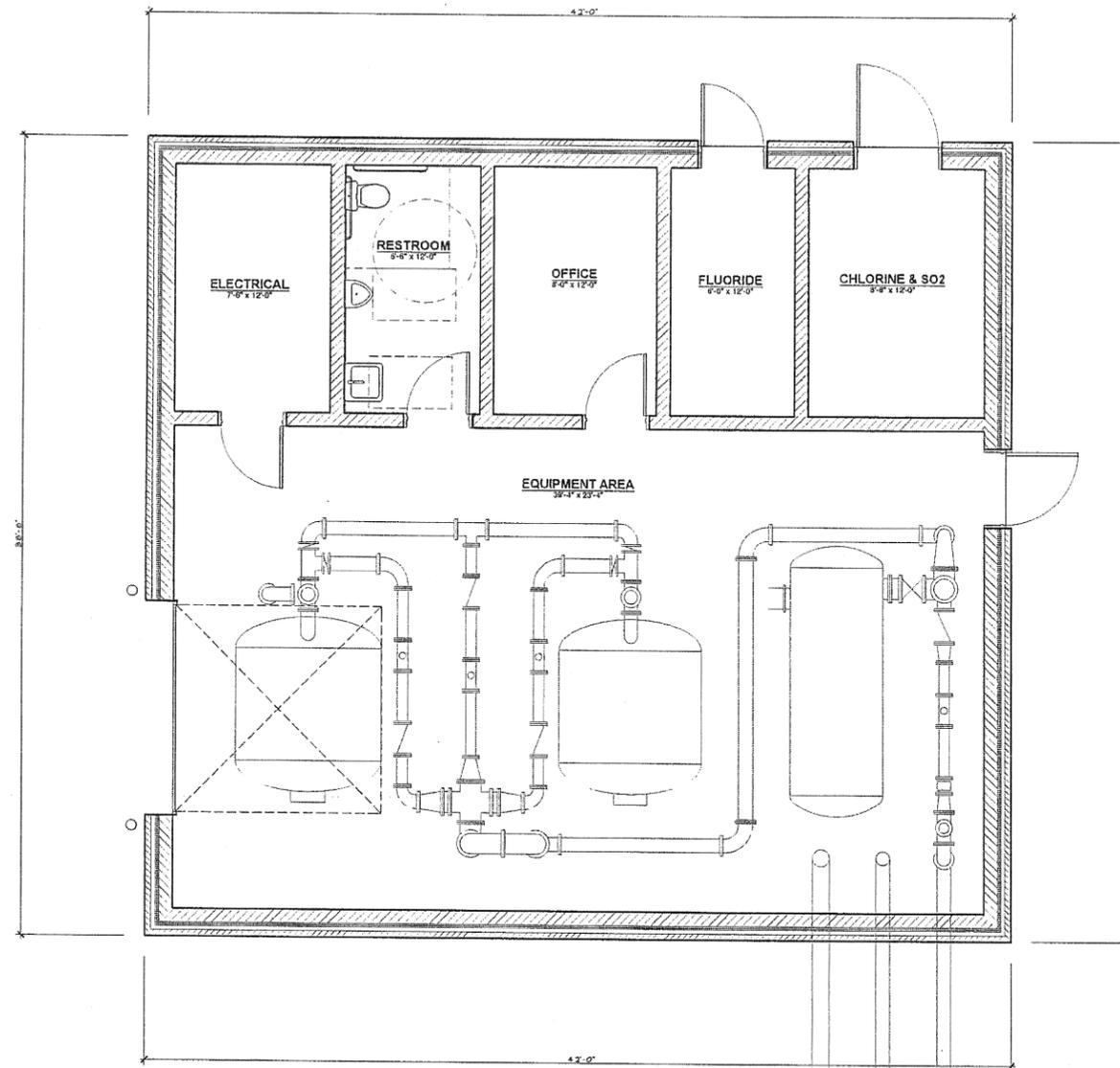
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**EAST BETHEL
WATER TREATMENT PLANT NO. 1**

UTILITY PLAN
CITY OF EAST BETHEL, MINNESOTA

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ATTACHMENT 10

DATE	REVISION

NEGEN

2311 17th Ave
 55406
 763-427-5860
 www.negen.com

DESIGNED BY:
LDN
 DRAWN BY:
AK
 CHECKED BY:
LDN

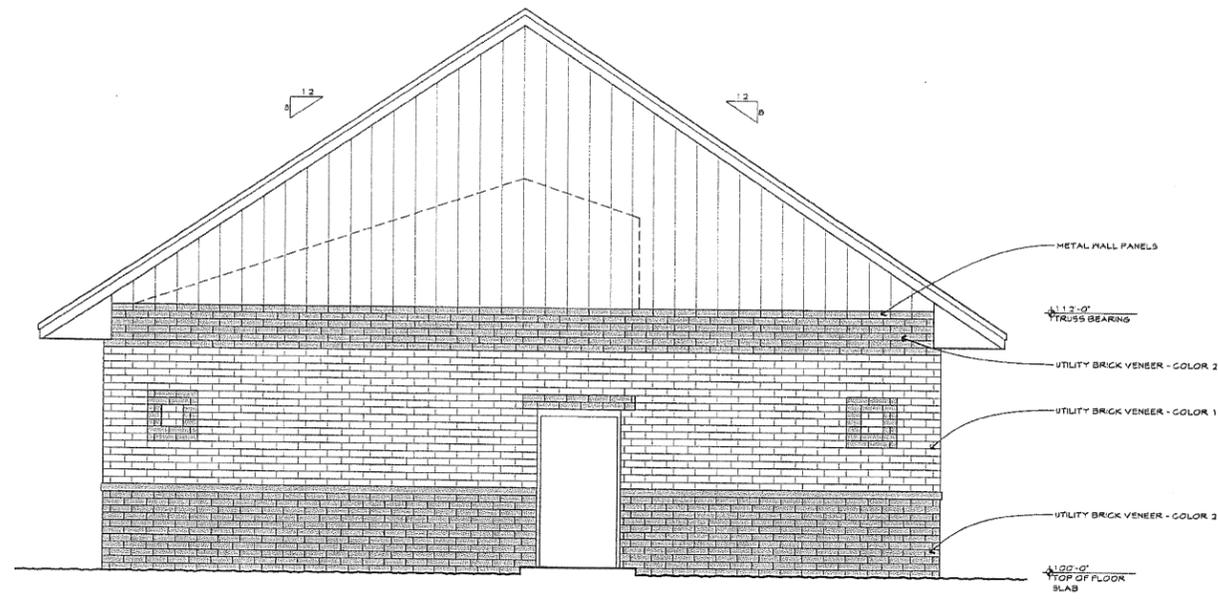


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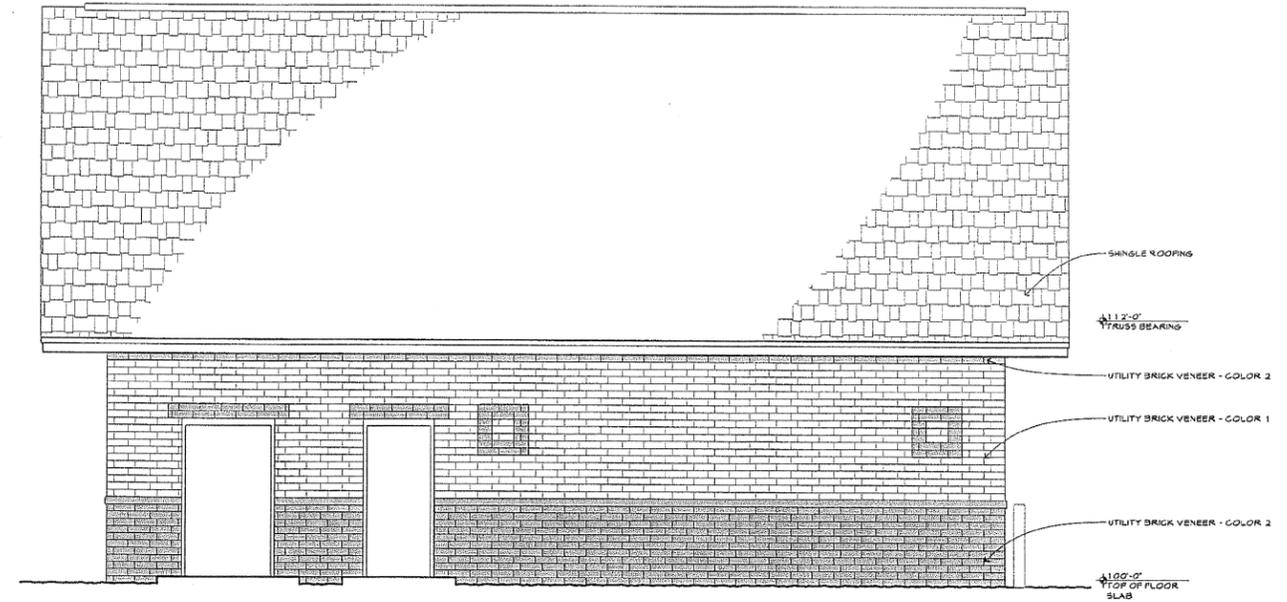
EAST BETHEL
 WATER TREATMENT PLANT

FLOOR PLAN
 CITY OF EAST BETHEL, MINNESOTA

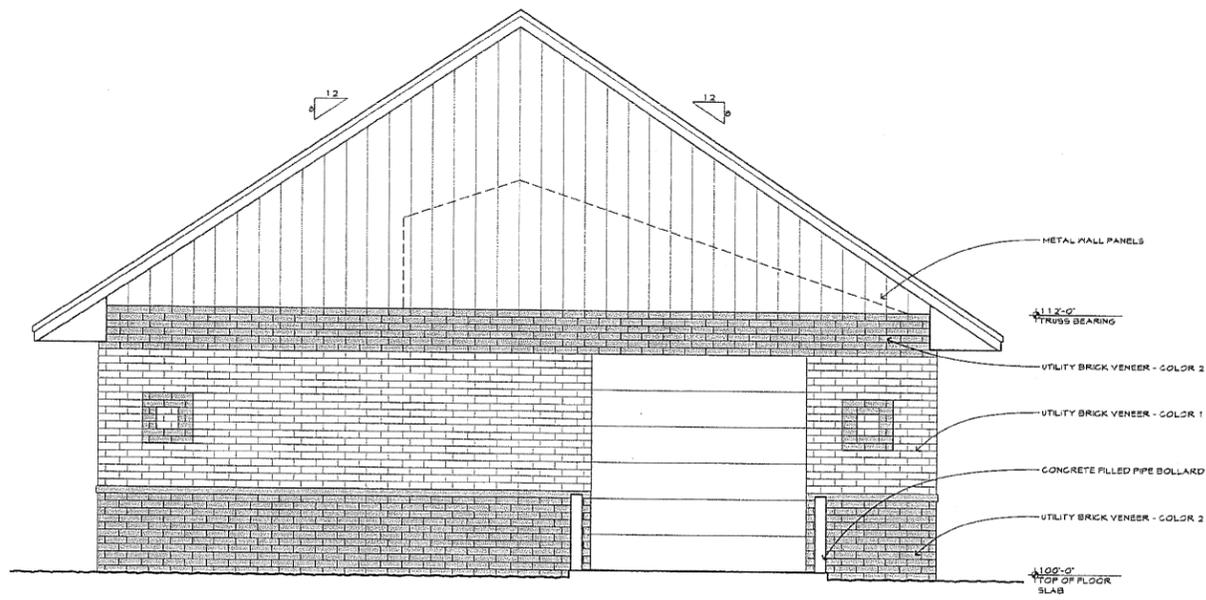
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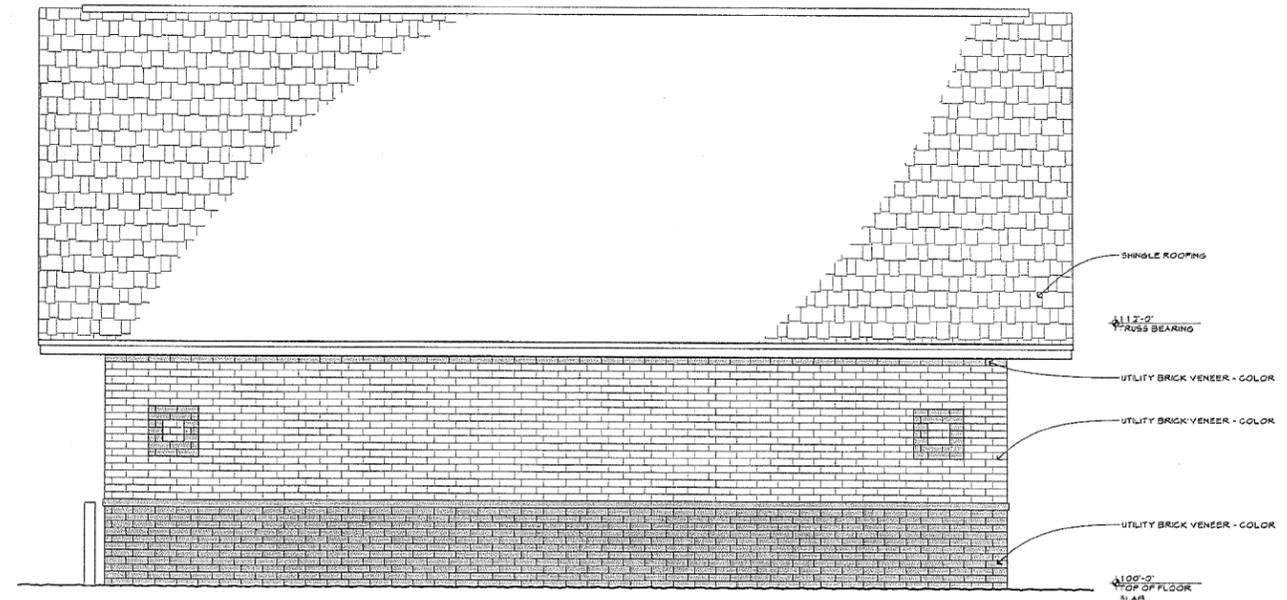
EAST EXTERIOR ELEVATION



NORTH EXTERIOR ELEVATION



WEST EXTERIOR ELEVATION



SOUTH EXTERIOR ELEVATION

ATTACHMENT 11

DATE	REVISION

NEGEN

DESIGNED BY:
LON
DRAWN BY:
AK
CHECKED BY:
LON



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EAST BETHEL
WATER TREATMENT PLANT

EXTERIOR ELEVATIONS
CITY OF EAST BETHEL, MINNESOTA

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EAST BETHEL PLANNING COMMISSION MEETING

June 20, 2011

The East Bethel Planning Commission met on June 20, 2011 at 7:00 P.M for their regular meeting at City Hall.

MEMBERS PRESENT: Eldon Holmes Lorraine Bonin Brian Mundle, Jr. Glenn Terry

MEMBERS ABSENT: Dale Voltin Julie Moline

ALSO PRESENT: Stephanie Hanson, City Planner

Adopt Agenda Chairperson Terry called the June 20, 2011 meeting to order at 7:00 P.M.

Terry motioned to adopt the June 20, 2011 agenda. Holmes seconded; all in favor, motion carries.

**Public Hearing:
Conditional Use
Permit.** A request by applicant, Great River Energy, to obtain a Conditional Use Permit for the placement of a transmission line in portions of the City of East Bethel.

Public Hearing
Conditional Use Permit (CUP) Request by Great River Energy (GRE) for a Proposed 69kV Transmission Line to be Located in East Bethel

Requested Action:
Make Recommendation to City Council for a Conditional Use Permit (CUP) Request by Great River Energy (GRE) for a Proposed 69kV Transmission Line to be Located in East Bethel

Background Information:
Hanson provided the background information. On April 6, 2011, City Council tabled the request from Great River Energy (GRE) for a Conditional Use Permit (CUP) for a proposed 69 kV transmission line to be located within East Bethel. City Council directed staff to hire a technical expert to analyze the proposal, the need for the additional services, and make a recommendation for route location.

Mr. Larry Schedin of LLS Resources was contracted to complete the analysis. Mr. Schedin has met with the GRE Work Group, Planning Commission, and City Council to brief individuals on updates of his project analysis.

Mr. Schedin has completed his final analysis and will be presenting his findings and recommendation at the public hearing. Attachment #1 is the final report by Mr. Schedin. Mr. Schedin's report answers many questions asked by Planning Commission, the GRE Work Group, and City Council, including an analysis regarding the electric power supply to the City of East Bethel, how the existing and future distribution electrical supply works, the need for the project, the potential of the proposed line operating at 115 kV, and route recommendation.

Mr. Schedin has completed an analysis for the need of a 69 kV line. After much research and analysis, Mr. Schedin agrees there is a need for this particular project, therefore, is of the opinion that a "no-build" is not an option. City staff concurs with Mr. Schedin's report in which a no-build alternate is not reasonable given the existing needs as expressed by the Applicant and the growth for

electrical service presently and anticipated to occur within the area.

As part of Mr. Schedin's recommendation, he discusses "Route I" which could be significantly shortened by utilizing Durant Street. Attachment #2 shows "Route I"; the proposed alternative route is highlighted in yellow to show the shortened length. GRE has provided additional data information for this route, which will be known as Route I¹. Attachment #3 analyzes the data for Route I¹ and all other routes Mr. Schedin analyzed. As part of the presentation, Mr. Schedin will further discuss the route analysis and his recommendation of a preferred route.

Recommendations:

Staff requests Planning Commission take into consideration Mr. Schedin's analysis and recommendation when making a recommendation to City Council for the CUP request by Great River Energy for a proposed 69kV transmission line known as Route A.

If Planning Commission recommends approval to City Council for the CUP request by GRE for the route known as "Route A", then Planning Commission must give factual reasons for approval. In addition to approval, staff recommends the following conditions:

1. GRE will submit a construction plan prior to the commencing the construction of the 69 kV line, establishing both a construction timetable and a progression of construction that shall be reviewed and meet the approval of the City Engineer and staff.
2. GRE shall minimize the need for any unsightly guide wires at corners, angles and dead ends, and utilize steel poles at dead ends, corners, angles and in certain high density neighborhoods designated by the City Engineer as part of this project.
3. That Great River Energy and/or its subsidiaries or other utility users that utilize its services shall install underground service drops at crossings of County Road 26 and other municipal roads within the city of East Bethel without added cost to the residents and utility users and assure that the relocation of distribution facilities to the north side of County Road 26 results in a minimum replacement of service drops, and wherever possible all service drops must be underground.
4. GRE must submit easement descriptions and final route determination prior to the execution of the CUP Agreement.
5. A CUP Agreement must be executed no later than December 22, 2011. Failure to comply will null and void approved CUP. The agreement must be executed prior to the start of construction of the project.

If Planning Commission recommends denial of the CUP request for "Route A", then Planning Commission must give factual reasons for denial.

Hanson stated this evening we have GRE staff here; we also have Mr. Schedin here who will present his route analysis and recommendation.

Larry Schedin introduced himself and also explained he is an electrical engineer. He has been in this business for many years. He has a homestead in Bonstream, Minnesota. It is about 200 miles north of here; if you take Hwy. 65 to where it ends, that is where his place is. He does appreciate working with the GRE work group, Planning Commission, and City Council. When he started this project he

was given 15 alternatives. He added two options: no-build and another option that he put together himself, called I¹.

Some of you have heard his introductory remarks before. The first part of his remarks address where does the electricity come from to get to East Bethel? One source of supply is from Rush City – there is a major power station that goes down Hwy. 35. Off that big wire, there is a secondary transmission line. It supplies places like Blaine, Linwood, and Bunker Lake. To get the electricity to East Bethel is through distribution substations. The feeder lines go to the homes. The substations are at Soderville (Crosstown/Hwy 65), Viking Blvd (1 mile west of Hwy), Coopers Corner (237th), Martin Lake (Linwood, off of Typo Creek) and Forest Lake.

Schedin asked is this proposed power line really needed? It is a very strong system that GRE owns. GRE is a transmission and generative cooperative and they are headquartered in Maple Grove. GRE sells power to companies like Connexus.

Schedin stated his main concern is this system around East Bethel, and how strong is it, and why do they need to build this line. After analyzing the area, he determined if something were not changed, there would be serious issues. The three lines aren't adequate anymore. Martin Lake is built out of Linwood, off of 35. If anything happens in that area, there would be serious issues. These could be alleviated if the lines are increased on Hwy. 65 up to Cambridge and Elk River. Elk River, Cambridge, and Soderville provide a secondary source for Martin Lake. The Martin Lake substation is poised to house the growth on the east side of East Bethel. He believes this line is a very cost effective solution for the line. Schedin also stated that no-build is not an option – this line is needed and is the most cost effective.

Next Schedin reviewed a map with all of the routes on it. Schedin did not go into the details of each route. He concluded there are a lot of environmentally sensitive areas in East Bethel. Schedin asked for a map, of where not to go. His map showed all of the environmentally sensitive areas. He was also given a matrix on what are the routes, how much do they cost, and how many acres of wetland would they cover. The major thing he was trying to avoid is the ecologically sensitive area.

Schedin stated how did he analyze these routes? He started driving these roads and it turns out there are probably 7-10 options in the north, where the line would come from someplace north and go to the Martin Lake substation. The routes would come down Typo Creek or Sunset Road.

He said if you keep driving north to 261st and turn east off of Hwy 65, you will come to a key substation called Athens. That is a transmission submission hub, and it does not supply East Bethel. If you drive straight north of Athens, about a mile north and a mile east, there is a power line that is already there and it is de-energized. It is built on double circuit structure. It comes into Athens through the north and that is a key point. Schedin said what it does is this line provides a freebee of mileage. The mileages would be the same if you went on Hwy 65; you already have two miles built, on a line that is unused.

He divided the routes into the north and south routes and first analyzed the north routes. The routes on the north go on the north side of the Cedar Creek Reserve and then to Typo Creek Drive or down Durant and to Sunset. After meeting with the GRE Work Group and Planning Commission, he agreed with them that if something has to come from north, that it should avoid Sunset Road and use Typo Creek Drive. The reason being is Sunset has many homes that are built close to the street. Additionally, if Typo Creek Drive is to be used, the archeological sites on that road require the road be used minimally.

He also noted that two of the routes cross right through the middle of the Cedar Creek Reserve. He stated he spoke with representatives of Cedar Creek Reserve and they said there was no way a transmission line would be run through Cedar Creek Reserve. They also requested if anything is constructed by the Reserve, that it be done on the south side versus the north side.

Schedin then analyzed the south side routes. GRE's preference is the route from Cooper Corner to County Road 26, then to Typo Creek and then south to Martin Lake. He looked at a route on 221st Street. He also looked at another route that would follow the south side of the Reserve, and then go to County Road 22. When analyzing the routes, he looked at distances and structures and he concluded that based on distance that Route A would be the recommended route. If people drive that route, they might notice there is already a distribution line on the south side of County Road 26. GRE wants to build on the north side of County Road 26. Their plan is to take down the line on the south side and have it combined on the north side. Right now if the electricity would have to go across the road for service, he would recommend the feeder lines be put underground. To do this, the line would come down the pole and they would drill under the road and go to the home.

He was asked to look at other concerns about the route. One concern is it borders the south side of the Reserve, and there is an environmentally sensitive spot, the Allison Savannah. This line would be running on the edge of those environmentally sensitive areas. Those are his great concerns about the south route.

Schedin stated that on the north side, the GRE Work Group tried to find a route that skirted the Reserve. They took the line from Athens (that goes nowhere) and created Route I. The issues on this route are the pinch points on Typo Creek Drive. Schedin said to him it made more sense to just go down Durant Street. It would eliminate the area on County Road 9. One of the disadvantages is distance. Once you cut off the part of the route over to County Road 12 and back. It is only 9/10 of a mile longer than Route A. The cost is \$3.7 million. There still remains, however, the issue with Typo Creek Drive having the archeological sites and pinch points. GRE's route engineers say there will be a number of pinch points. On Route A, there is supposedly only one pinch point. He devised Route I¹ and believes it is the best option that he could come identify from the north.

A resident asked what about the houses along Fawn Lake Drive. Schaub stated they tried to look at houses from the centerline and different distances. GRE is

planning to buy 70 feet of right-of-way. About one-half would be in the street. Within the 35 feet, the land would be clear-cut. There is the number of miles of trees that will be taken. He explained Federal laws regulate the heights of trees you can have under the transmission lines. Property owners would not be able to have tall pine trees under the transmission lines.

Darrell Page, 4546 Fawn Lake Drive, East Bethel – He stated Mr. Schedin reviewed all the routes. Is there a preferred route? Schedin stated he does not represent Athens Township, but that is the best route that he has seen.

A resident said the people on Fawn Lake Drive don't get their power from there. Another resident said her house is 75 feet from the road. Another resident said we aren't here to discuss I; we are here to discuss A. Schedin said he was requested to look at viable routes.

Public hearing was opened at 7:37 p.m.

Heidi Moegerle - 179 Forest Road, East Bethel – Moegerle explained she received the matrix, and asked for it in Excel since originally she received it as a PDF document. She noticed that the data doesn't add up. She reorganized the data and analyzed it. She stated there is not a single parameter whereby Route A has the least impact and it is never the least impact. She was rather amazed at how GRE touts their concerns for the environment on their website, but doesn't seem concerned about it in East Bethel.

Schedin stated Route I¹ came up to information provided at the last meeting. He did ask GRE to give him as much information as possible about Route I¹, but they didn't get the notice until Friday. Schedin stated as far as Route A, a good part of this Route A comes down Hwy. 65 on a line that already exists. A good share of this, at least 3 miles, is in existing right-of-way. The amount of remaining miles, there would be 7 or 7½ miles of new right-of-way. I¹ would require 10½ miles of new right-of-way. There is only 4 miles that is around the environmental areas.

Tanner Balfany - 19172 East Front Blvd, East Bethel – Balfany explained there are routes that have lines that aren't being used. There are lines that go nowhere. Balfany said the GRE Work Group looked for minimal impact and he also explained that Martin Lake is only about 14 percent of our power. Schedin said any of the proposed routes back up the Martin Lake substation.

A resident asked could you report the number of pinch points for the routes. Route A – 1; Route I¹ – 11. Over one-half of the pinch points are on Typo Creek Drive, because of a school, city hall, and forest.

Sue Traczyk - 22930 Packard Street, East Bethel – Where is the pinch point on Route A?

GRE representative said there are two pinch points on Route A: Durant/26 and another one east of there on Erskin Street. It would be just to the east of Durant. He explained there are 11 on Route I¹. There are some by Xylite, near Fawn Lake, and also some at the intersection on Fawn Lake and also on Typo Creek.

Pinch points are where we have to take special note, and we will have to do some special engineering, so we don't put the line right by their house. They require additional material and potentially additional easements. Anytime a line has additional angles, we have to plan for that and do more engineering. They need to make sure the tension and alignment stays as true as possible.

Mr. Schedin said a line to nowhere isn't built to go nowhere. He said the line in Athens Township was built because GRE said there would be a major corridor going along Hwy. 9 and that route would go to 35W. That is an option, but will cost 15 or 20 million dollars more than the suggestions we have here to consider.

Resident at 22500 Typo Creek, Linwood. He said you mention a pinch point on a school on Typo Creek. There isn't a school at that point. Mr. Schaub from GRE stated there is a school forest. That is not a pinch point for the other route. The actual school is south of the substation.

Bill Boyer - 3303 Luan Drive NE, East Bethel – He stated 38 feet along natural heritage area will get clear-cut. This would be a large loss for the City of East Bethel.

Resident stated these big wires are not good for peoples' health. It is known that these transmission lines cause cancer and they reduce the value of peoples' property.

Boyer stated by his rough calculation about 4 miles will get clear-cut.

Terry said this is a 69kv line and was wondering what is the minimum requirement for the amount of right-of-way that would be needed. It was explained that GRE would like 70 feet from the centerline. They are only required to have 60 feet. GRE said their standard request is for 70 feet from the centerline. Thirty-two feet would be taken from the roadway and the other 38 feet of right-of-way would be taken via private easements along a roadway. Terry stated that 10 additional feet of right-of-way over 10 miles, through an ecologically sensitive area, is a good reason to not request the additional footage above what is required.

Heidi Moegerle - 179 Forest Road, East Bethel – You are talking about 8.5 acres of trees that are going to be cleared. Route I has much less clearing.

Bob DeRoche -158 Collen Street, East Bethel – Is this extra variance, this area you are looking for, is this putting your foot in the door for bigger lines that isn't being brought forth now? Mr. Schaub stated additional area is not considered additional, it is standard for GRE. The Federal Government is strictly regulating the areas where transmission lines are, ensuring safety and security. As far as getting our foot in the door with 115kv – if we wanted to go 115kv, we would be dealing with the State versus every governmental entity. In his opinion, it would be easier to go through the state.

DeRoche said if you read the mission statement of GRE, what you are doing does not follow through with your mission statement.

Dave Landis - 1747 237th Avenue, East Bethel – It was mentioned that the line goes along Hwy. 65; he said the line comes down his property, not on Hwy. 65. Schedin said the line is actually on Hastings and you have to go east before you go to the Athens substation.

Ann Jonas – 4525 Fawn Lake Drive, East Bethel – You have been mentioning the north side construction, would this also be for the Route I? Schedin stated he was referring to the 26 and he isn't sure if the design has been done on Fawn Lake Drive. Jonas stated there is a whole stretch of houses on Fawn Lake Drive and it is really terrible to hear everyone planning this and have no part in it. Schedin said the City has had people working on this – the GRE Work Group.

Sue Traczyk - 22930 Packard Street, East Bethel – What you are saying is the lines would go underground. Schedin said no, if the distribution line is moved to the other side of the road, you need to have the service drops to go to the houses under the street.

Resident asked if there were already a line on the south side of the road, why would you move it to the north side? We would lose all of our trees, and we would go from a wooded lot, to not a wooded lot. If there is a big disturbance, they could possibly have it on one side and then change sides. So again, with some of the issues, it would go back to the line designer at GRE. No one wants to have a big power line pole right at the end of his or her driveway.

It was asked if Schedin could describe the difference between a 69kv line and a distribution line. Schedin stated distribution feeder line poles are a lot shorter than what they are talking about here. The poles that are already there, already take up some right-of-way. The pole heights are about one-half the size of these new poles. They have one wire at the tippy top to attract lightening. Distribution lines are lower and carry less capacity. GRE is proposing to combine the 69kv line and a distribution line. Transmission lines are high voltage and they don't service individual properties, distribution lines go to your property. Terry said that is also why there is more right-of-way that is needed, because 69kv lines can cause fires with trees.

Public hearing was closed at 8:15 p.m.

GRE Presentation – Peter Schaub with GRE stated he provided the Planning Commission with books of information on this plan and you hopefully have seen all of this before. There was one addition, Council Member Moegerle asked for the information to be broken down by jurisdiction. He stated he could move through a lot of this pretty quickly.

The first page is the history. We started this project in 2008 and we had open houses for this project. As most of you know, we ended up with the City adopting the moratorium. We did work with the GRE Work Group and provided a lot of information. They made the recommendation to go with Route I. They presented it to the Planning Commission. Planning Commission said we should submit an application to the City pertaining to Route A.

Another good portion of this project talks about the importance of the project and

that no-build isn't an option. We are looking at power for the region and for the power for the region; not building the line isn't an option.

In the books he also included information on other options. The project we are looking at now is \$6.5 million dollars total. He has included information about the routing process that was to follow. He would like to submit the whole document on the record.

Essentially GRE likes to share right-of-way and they also try to reduce impacts to other systems, and try to minimize the length. They do take into consideration public and social considerations, environmental and other impacts. In the book there were also some photos of what the lines would look like. They would be 70-80 feet tall if they have underbuild on them. They have a ground clearance of 23½ for the lines. One of the reasons GRE's engineers want to use the 35 feet on either side of the centerline, the whole idea of behind of easement width is blow out issues. As you narrow up the easement, you need more poles, and less trees cut.

As you will see in here, there is information on the Route A – from Athens using 3 miles of existing corridor, they would double circuit that to Coopers Corners substation, and then cut east to the Cedar Creek property to Durant. From Durant there isn't any design as of yet. The rest of the area isn't designed, so general formulas were used when we give distances from roads, because we don't know what side of the road we are going to use formulas. If we were to physically design the routes, we would have better information. He did include pictures of the proposed route. You can see there already is a distribution line on the route. We included information on the different criteria.

We looked at homes, amount of actual new easements they would have to acquire (7 miles for Route A, 11 miles for Route I¹). In actuality it is a longer route. It is an 11-mile stretch. The number of easements for Route A would be 40, for Route I¹ would be 99 or 120 depending on the side of the road it is constructed on.

Environmental map was included. He would like to point out that the three miles of that line is already existing, it is a not a new impact, and all of this line goes on the edge of those areas. It tries to follow road right-of-way. The way we site our lines is about 3 feet along the side of the roadway. He has also included other information on what they do to avoid environmental impact. They do construction in the winter. They also try to avoid Oak Wilt impacts. A lot of the area north of East Bethel is very similar to East Bethel and has the same problems. They also design the lines so birds of prey don't land on them and get electrocuted.

There are two challenges for Route A, one at Durant and one at Jewel Street. There is also information on Route I¹. There is a map there, and photographs of the route. This is in fact a combination of other routes we did look at. When we did look at this route, we did determine there were some issues with this route. The number of easements, the pinch points, environmental issues. There are problems with archeological and historical issues. It also does have overhead distribution on the route. They would have to do something with the existing

distribution lines, as GRE doesn't want to put lines on both sides of the road. The encroachments/pinch points are located throughout the route. One is immediately east of Xylite. Right now the road is 66 feet wide in that area and the road will be widened within the next few years to 120 feet wide. GRE works off the road right-of-way, so that would bump GRE back even further.

Schaub explained even though they have estimates for the routes, they are just estimates based on a per mile average cost without taking the time to design each route, because it is time consuming and not cost effective.

Schaub also explained there are more streams to cross on I¹. That adds to the cost.

The next portion in his book is Route A versus Route I¹. There are many more pinch points, streams to cross, and the other matrix information. These are estimates as best as we can get without designing. There are two pages that list out the issues with Route I¹. GRE didn't break up the route per jurisdiction and he understands that the City will only be reviewing the impacts of East Bethel.

The plan does meet the City Code. They are allowed to put in transmission lines in the area proposed and they are following the rules for safety, noise and electromagnetic fields. Transmission lines do not cause cancer and there isn't any documentation that they do. The City ordinance does require us to address traffic and there would be little impact on traffic during build out. There wouldn't be any affect to public utilities. There shouldn't be any more of a burden on government services. We have addressed property values and GRE does pay for the easements and the impact they have on the property. That shouldn't be an issue.

We do comply with the comprehensive plan. This plan goes hand and hand with your comprehensive plan. There isn't any impact on air quality. Some of the ordinance is a little redundant; it addresses zoning, natural resources. As we go along Cedar Creek, we have no intention of going on the Allison Savannah. They would not interfere with the business of Cedar Creek and at no time has there ever been any indication that we would interfere with it. They also have a history of our transmission line being on our western border. Also public services would not be impacted. This will only benefit proposed improvements if they require electricity.

FHA and VA mortgage rules have been raised, and it is addressed in the document. FHA and VA rules do have some requirements that say that they can't get appraisals on some of the property. We take great pains to make sure a house isn't in a fall zone. If a shed or anything is in the fall zone, we do address that when we are negotiating the easement and we try to work with property owners. We try to make sure the property owners have as much input as necessary. Overall Route A is the least expensive route and since we are essentially stewards of the ratepayers we want to make sure we use the least expensive route.

The proposed timeline has been put off many times. We wanted to get something started by May of 2011 and finish the plan by May of 2013. We are at the time

of where this needs to be done. We aren't doing this for 20 years in the future. It is needed now, as your consultant has already stated.

Adverse impact, Linwood School Forest, Allison Savannah and Cedar Creek, they would impact these areas minimally. They would not go through the Forest, and the Allison Savannah they would be on the other side of the street. Cedar Creek they would be on the south side of the Reserve. There would not be any permanent impact to any rare animals or vegetation.

Mr. Schaub concluded by stating that Route A is the best of the routes.

Public hearing opened at 8:40 p.m.

Linda – a resident on Fawn Lake Drive – What is the minimum distance between the poles and do the residents get input on where they go? Schaub said it depends on the topography and GRE does work with the property owners as to where the poles are installed.

Bob DeRoche -158 Collen Street, East Bethel – DeRoche stated, Schaub mentioned there is only 15.8 milligauss.

What is a milligauss? Schaub said it is essentially the measure of magnetic waves. During the process of the project, that was something that was raised by someone in Linwood Township. We measured the line that is along Coopers Corner; we measure it directly under the centerline at 8 milligauss and then in her house. They had a lazy boy in front of their television. There was approximately 279 milligauss coming from the television. From the microwave oven there was something like 478 milligauss. The radio had something like 135 milligauss. That might put it in perspective. Everything you come in contact with has much more milligauss than a transmission line.

DeRoche stated that was at one point on the line. You speak a lot in generalities, and they are going to have questions, and you say we don't really have a design. If you don't have a design, this may happen this way, it may not. But yet you are asking for a CUP, to go and do whatever you want. Schaub said we do speak in generalities, but there are not such vast differences in the 69kv line at Coopers Corner and one in Eagan. They are specifically designed based on the parameters. We are always happy to give you more specifics, but the ordinance dictates that we come in, but not with a specific design. It would cost a fortune to design all of the potential plans.

DeRoche said you were talking about fall zones. A 35-foot easement and an 80-foot pole, if the house was within in that, they are in the danger zone.

DeRoche said about 50 percent of East Bethel is wetlands. Because of the environment, there is a great concern. There are always going to be questions, and you're going to need to answer them. Is there an environmental impact statement needed? You have made statements that they have said certain things, but we haven't seen anything to substantiate it. Schaub said generally we have made contact with some agencies, but not all yet. For instance we haven't contacted the Army Corp of Engineers. The statements are based on general

statements based on design. If there are concerns, the agencies will make GRE do the research. There can be quite a bit of burdensome work and investigation to get their ok. With respect to the poles – if a house is within 40 feet of a pole, possibly it could hit it. We try to design around those issues. We are aware of the intrusion of the poles. If there is an issue, we try to work with the property owner as much as we can.

Dave Landes - 1747 237th Ave. NE, East Bethel – This is a never ending argument. You implied that our Planning Commission should be concerned about future growth. Growth is pretty questionable at this time. How does the line going to Linwood provide for growth for East Bethel? Schaub said there are two parts to that question. The issue of the poles themselves, the best thing to do is to reiterate, the issue how does this affect the City of East Bethel residents, the southern part or any part. Schaub stated it does help those residents that are served off the Martin Lake and it does help with low voltage. The best he can say is, it is designed to bolster the entire area. Landes said if there is growth on the south side of East Bethel, it is hard to believe that you don't have other routes to serve that area. Schaub said this is not something for 20 years down the line. This was needed in 2006 and now the economy has been in respite, but it is also has been increasing the past couple of years. Maybe he needs to explain that this is not something that will cause the lights to go out now. It is to address the worse possible contingency. We don't want that to happen, we need to plan for them. These are all instances that could come about now, just depends on the amount of demand.

DeRoche said about contingency plans, what happens if you come upon some issues, is there a contingency plan. Schaub said with any route, we address the issues that come up. If it is archeological, we work with the State Archeological Society in the area. That is why we want to avoid the Typo Creek area. We also want to avoid the laboratory at Cedar Creek Reserve. They have cataloged the area and we feel we might not run into anything there. DeRoche said my question was really narrow, is there a contingency.

Jack Davis - 2241 221st Avenue, East Bethel – Can you give us a projected time schedule on the Athens route on County Road 9 from Athens to the Hwy 35 corridor. Tim can address that, per Mr. Schaub. DeRoche said the road would be widened within the next couple of years. Schaub said yes the road would be widened. Tim Mickelson, GRE, at this time, we have identified no plan to connect that line to the 35 corridor. We have our 230 kv network and are going to connect that corridor to the Hwy. 65 network using that section of line. This project would fulfill our needs for the foreseeable future.

Heidi Moegerle - 179 Forrest Road, East Bethel – On GRE's website, they state they are environmental stewards. But what their website states is we don't protect what is there, we build new prairies, etc. Moegerle stated she is a numbers person, so she wanted to make sure that Route A is the most environmentally conservative route. She analyzed the 15 routes. Route A comes in fifth from the top. If you are an East Bethel resident, and look at the East Bethel information, not the region. She took a look at the East Bethel impact; Route A doesn't come in the top 75 percent. Then she looked at the data, we have what is printed out, and there are four factors that are missing. She looked

at the formulas, the numbers don't total up, and she has a very grave concern that Route A is not minimal impact, unless we are talking about money. Because the environmental stuff really doesn't matter to GRE. Route A is the cheapest monetarily, but it isn't environmentally. It comes down to that. She said you probably think that I am angry and upset, I am not, but I want you to provide us a reason why Route A is the best other than besides the money.

Schaub said he doesn't know what you mean that numbers don't add up. It isn't a process whereby we just look at environmental. We are a cooperative and we look at the bottom line, and have to justify it when they don't. It is the impact on the people being able to public corridors. There are already easements for the lines. Moegerle said that is just money. Schaub said more easements are needed almost double the amount. Some of it is public versus private easements. We generally also look at the mileage as a factor. We thought the 0-100 or 0-200 factors were important also. We looked at the combination of all these things and as well as the requirements for higher voltage lines.

Moegerle said the matrix doesn't really count, but what we are really hearing is "trust us." What I would really like to see is what you based your decision on. Route A is shorter, but that isn't even on here. I want to know the winning argument of what makes Route A the best route. There are conclusionary statements, but no facts. There has to be something more, that you're not giving us, that is a fact that we have missed it all along. At the many meetings that I have been to, it isn't there. The issues with the number of easements wasn't initially mentioned. Schaub said we didn't have much time to look at Route I¹; we have looked at it for about a week. We did look at it, and noticed it is 11 miles. GRE tries to use existing corridors. Plus the other three miles doesn't go away and those poles have been up since the 50s. With the respect to the other issues, Route A is a better route. But overall it does allow us, to convert the lines. Can we use transportation corridors, can we avoid cutting across country, can we make sure that we do use the resources we do have and limit the cost of the use. Moegerle said you could say that about the majority of the other ones. The things you have said are not unique to Route A. Schaub said Route A is the better route. It is in the information they have been providing all along. The criteria are as much a part of it. It does in fact come out as a better route. It is the cheapest route. It will be 35 feet on either side of the centerline. It is usually about 3 feet off the road right-of-way, so 38 feet.

Dave Landes - 1747 237th Avenue NE, East Bethel – Are we able to address the Planning Commission?

Terry said on the matrix that we have been given, on Route A and Route I¹. It does show advantages in Route A – 14 to Route I¹ – 20. Route A has important considerations. It also has an advantage of centerlines to houses. That is one point in its favor. Schaub said the first route that we came in with. It wasn't rejected by any governmental entity. We had some understanding that we couldn't go along Route A and we would have to go further to the north, due to more service needed to the north. The reason we changed that was not because of what any governmental entity did. We held two open houses, and we invited everyone for comments. The comments we kept getting were "why don't you look at this route." Another route that was explored was the East Bethel Road

that cuts through Cedar Creek; the University said no, that runs south to north through their property. We determined the East Central and Connexus aren't going to put something up in that area and there was no reason to grow in that direction. We determined that Route A was a good route and probably the best route. Because of those factors, and things like that. We didn't move away from it because of any governmental entity, it was because what citizens asked us to. Terry said that is contrary to what others have said.

Resident asked since this doesn't directly affect East Bethel now, or in the future, why doesn't it make sense to let Linwood deal with it? Terry said they have come to us with that proposal so we have to respond in kind. Resident asked what would convince you that this should be done? Holmes said that is what we are here for, to determine what needs to be done. In Terry's mind nothing has been said that will make him determine one or the other route. Resident said he would like to commend you and found that you are much more open to citizen input. And he is happy to hear your comments on that line and he thinks you are genuine in what they have to say.

Lou Cornicelli – 4620 229th Ave. NE, East Bethel – He has been involved with project for over two years. The bulk of East Bethel residents found out about the transmission line after GRE came to the City. To his knowledge there weren't East Bethel residents involved in the meetings. It has been good to work on this, and he hopes the GRE Workgroup recommendation will move forward.

Schaub said we have a few open houses that were open to the public at large. It was published and we sent letters to the towns and cities to let them know. Everyone was invited. It is the way we begin our process. We did talk about it and show a map to the cities. There has never been any intention to include or exclude anyone.

Bob DeRoche -158 Collen Street, East Bethel – He has been a resident of the City for 29 years. To his knowledge, no one in Coon Lake Beach was aware of this project. Who was GRE talking to, or what newspapers was it in or what attempts were really made. East Bethel does have town hall meetings. Schaub said it was in 2008, and it was at a public City Council meeting. His understanding is that Doug Sell had the information. We did publish in the Anoka newspaper. And he can get the information on it. DeRoche said he would like to get the information. Schaub said we used the building next door and reserved the building. We also sent out the information.

Holmes said he does have 45 years of electrical background and does believe this line is needed. There is no question about that. It isn't the City of East Bethel's position for us to design a route for GRE. Route A is mainly in East Bethel. If this CUP is granted you will continue with Route A regardless? Schaub, yes, if it is granted, then yes we would go with Route A. If we grant it, and then you can't say that we want to go with Route I.

Terry said he has a few question. What is the current right-of-way on Hwy. 65? Schaub said it is 50 feet on other side of centerline. Terry said you had mentioned some issues on Typo Creek Drive. There is already a distribution line on the west side. Most of the distribution lines are in the road right-of-way.

They put the line in, and there aren't the same safety issues with a distribution line. There are distribution lines that have brush along them. There isn't a lot of growth on the area I am talking about. On the other side there are buildings.

The communication tower is an issue if there is a blow out. Schaub said we need a 35-foot easement. It brings us dangerously close there. On the other side it brings us very close to the Linwood Town Hall. Getting to that area is a problem. There are also homes on the other side of the street. There are the group of homes, and also the fire department. Terry said all the difficulties are on the other side. There is not enough room for a safe easement. He is not an expert, and he thinks he has solved it. He doesn't know how valid these concerns are.

You have raised these issues for Route I¹, but you don't spell them out for Route A. There are only the two, because you haven't determined the whole route. Schaub said because the homes on Durant and Sunset are not as close to the road. There are only two that require special engineering. Cornacelli said once you get further on the Route A plan, there would be a lot of pinch points in those areas. Also at Packard Street on both sides the houses are closer than 100 feet. He feels that the information is weighted and believes the difficulties with Route A have been hidden for effect.

Schaub said in looking at those lots and homes, those are ones that we can work with easier. We won't have to make special considerations. It is all based on that kind of information. Some of the information that you have looked at is speculations for archeological sites that you can't share. It is information that is acquired and disseminated by the State Historical Society. We don't make up the requirements and we follow their rules and regulations. We don't know the full extent. That would cause delays and additional costs. Terry asked if any Linwood resident knows of the archeological site. A resident stated he has heard of Indian burial grounds somewhere near Martin Lake. Schaub said that others have done investigations that the state historical society has deemed an area that is not looked at, not disturbed or needs to be looked at. The issue for GRE is do we have to comply with what the State requires us to look at.

Marsha Parlow, GRE. She stated she works with the State Historical Society and they have records that show where it is. We can go and have an archeologist go and review the information. They don't want the public to know the information due to potential vandalism. Once something is entered into the record here, it is public; they have asked us to not reveal the information. That is the reason you don't have it now, open meeting laws and data practices act.

Bob DeRoche -158 Collen Street, East Bethel – Isn't that something that could be done in a closed session. City Attorney stated he doesn't know because we don't know what it is.

Schaub said we aren't telling you because of what is there or isn't there, but because of the requirements are required for us. We don't want to have to go that route. Moegerle would those requirements would be there if you find something or not. Schaub said if we present them with our route, and we would have to do the additional investigation, whether we find something or not.

Holmes said he has had to deal with that in the past, and if you are going to do something with a remotely close area, you are under their guise. They are very picky about that stuff.

Terry stated if we were to approve Route A, his personal concern is for residents, and to have to approve a 35-foot right-of-way. He doesn't want to see persons have their trees cut down and would recommend shorter pole distances. Would that present a great impact? Schaub said our design engineer could address that. There is an issue of reasonableness. If it is possible to minimize an easement, but it isn't something that we typically do. We need to maintain safety standards and would work with people to minimize what the impact is.

GRE, Jim McGuire, if you have trees that are taller than the line, we would take that tree down to minimize the impact on the line.

Resident asked how much of the clear cut is by peoples' homes, versus clear cutting along non-developed road. Schaub said if there are trees that are partially within an easement, we work with people to trim them. The Federal Government is getting very strict to get us to remove all the trees. This is for tall growing species. There are things that can grow within the safety distances. That is not completely removing all trees. Resident said if everything is tall species and it is all clear cut, are you going to work on that. Schaub said yes, we do work with the residents on that, and we also have a forester who works on this. Resident said do you use a basic calculation for easement, is it based on road mileage, or is it valuation. Schaub said we have to come up with a standard for the property. We have standard amounts that we try to pay, based on market in the area. There are some trees that have storm damage in areas and the trees might not be so great. If some people are 400 feet from the line versus 40 feet from the line, we look at all of that. If you have a bunch of cottonwoods and oaks, we look at that.

Public Hearing was Closed at 9:50 p.m.

Holmes motions to recommend denial to the City Council for the CUP request by GRE for the route known as "Route A based on the following:

- **Density of East Bethel compared to the other areas north of East Bethel.**
- **East Bethel has a massive amount of environmental and wetland impacts.**

Mundle seconded; all in favor, motion carries 3-1 (Terry abstained).

City Council will hear this on June 22, 2011 in a special meeting.

Terry motioned if the City Council does decide to approve Route A, that they incorporate these concerns:

1. **GRE shall minimize the need for any unsightly guide wires at corners, angles and dead ends, and utilize steel poles at dead ends, corners, and angles and in certain high-density neighborhoods designated by the City Engineer as part of this project.**
2. **That Great River Energy and/or its subsidiaries or other utility users**

that utilize its services shall install underground service drops at crossings of County Road 26 and other municipal roads within the city of East Bethel without added cost to the residents and utility users and assure that the relocation of distribution facilities to the north side of County Road 26 results in a minimum replacement of service drops, and wherever possible all service drops must be underground.

- 3. Consider limiting the easement to the minimum standard, and if 70 feet is needed it is reviewed on a case-by-case basis after consulting with the property owner.**

Holmes seconded; all in favor, motion carries unanimously.

**Approve May 24,
2011 Planning
Commission Meeting
Minutes**

Holmes motioned to approve the May 24, 2011 Planning Commission minutes. Terry seconded; all in favor, motion carries.

Adjourn

Terry made a motion to adjourn the meeting at 9:55 PM. Holmes seconded; all in favor, motion carries.

Submitted by:

Jill Teetzel
Recording Secretary

