

RECORD DRAWING

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Date: 12/19/2008 By: BRAD MUSCHA

HYDRANTS: AMERICAN FLOW CONTROL WATERLOUS 5-1/4" PACER
FIRE HYDRANT, MODEL W661-250
GATE VALVES: 4", 6", 8" & 12" AMERICAN FLOW CONTROL SERIES
2500/2500-1 RESILIENT WEDGE GATE VALVES
VALVE BOXES: TYLER 5-1/4" SCREEN TYPE (6860 SERIES)
WATERMAIN MATERIALS: AMERICAN CAST IRON PIPE CO. 4", 6", 8" & 12" DIP W/MN
CL 52
CURB BOXES: MINNEAPOLIS PATTERN
CURB STOPS: BALL VALVE CURB STOP - MINNEAPOLIS PATTERN
SANITARY MATERIALS: NORTH AMERICAN PIPE CORPORATION GRAVITY PIPE SEWER
(4", 6", 8", 10" & 15")

CITY OF BIG LAKE

CONSTRUCTION START DATE: 8/11/2008

GENERAL CONTRACTOR: LATOUR CONSTRUCTION, INC. (320-463-5993)

BITUMINOUS CONTRACTOR: HARDRIVES (763-428-8806)

CONCRETE CONTRACTOR: CREATIVE CURB (320-764-5333)

CONSTRUCTION PLANS FOR

BIG LAKE INDUSTRIAL PARK EAST PLAT V

SANITARY SEWER, WATERMAIN, STORM SEWER, STORM WATER POND, AGGREGATE BASE,
CONCRETE CURB & GUTTER, BITUMINOUS STREET, CONCRETE WALK, TURF RESTORATION
JUNE 2008

SHEET INDEX

ALL VALVES ON PROJECT:
12" AND SMALLER ARE GATE VALVES
16" AND LARGER ARE BUTTERFLY VALVES

SHEET NO.	TITLE
1	TITLE SHEET
2	LEGEND
3	TABULATIONS
4-7	DETAILS
8	INTERSECTION DETAILS - TYPICAL SECTIONS
9	REMOVAL PLAN
10	DEWATERING PLAN

GRADING & EROSION CONTROL

11-12 GRADING & EROSION CONTROL PLAN

UTILITY PLAN AND PROFILES

13-19 SANITARY SEWER & WATERMAIN

STREET PLAN AND PROFILES

20-24 STREET & STORM

SIGNING & STRIPING PLAN

25 TRAFFIC CONTROL PLAN / SIGNAGE PLAN

CROSS SECTION SHEETS

26-46 CROSS-SECTIONS

RESOURCE LIST

CITY OF BIG LAKE

City Hall
160 Lake St N
PO Box 250
Big Lake, MN 55309-9254

City Administrator:
Scott Johnson

Mayor: Dan Orrock

City Council Members:

Lori Kampa
Chuck Heliz
Dick Backlund
Patricia May

City Engineer:

(Consultant)
Brad DeWolf P.E.
Bolton & Menk, Inc.
7533 Sunwood Drive NW
Ramsey, MN 55303
763-433-2851

Utility Superintendent:

Mike Goebel
City of Big Lake

UTILITIES

GAS

Centerpoint Energy / Minnegasco
800 LaSalle Ave
Minneapolis, MN 55402
1-800-245-2377 or (612) 321-5343

TELEPHONE

Connections
440 Eagle Lake Road North
Big Lake, Mn 55309
763-262-4100

CABLE

Charter Communications
101 6th St. NE
Buffalo, MN 55313
1-800-581-0081 or 763-682-5982

ELECTRIC

Connexus Energy
General Business Office & Services
14601 Ramsey Blvd
Ramsey, MN 55303
763-323-2600

and

Excel Energy

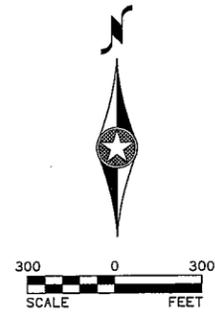
414 Nicollet Mall
Minneapolis, MN 55401
1-800-895-4399 or (763) 271-6431

NOTE: EXISTING UTILITY INFORMATION SHOWN ON THIS PLAN HAS BEEN PROVIDED BY THE UTILITY OWNER. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION AS REQUIRED BY STATE LAW. NOTIFY GOPHER STATE ONE CALL, 1-800-252-1166 OR 651-454-0002.

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

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.

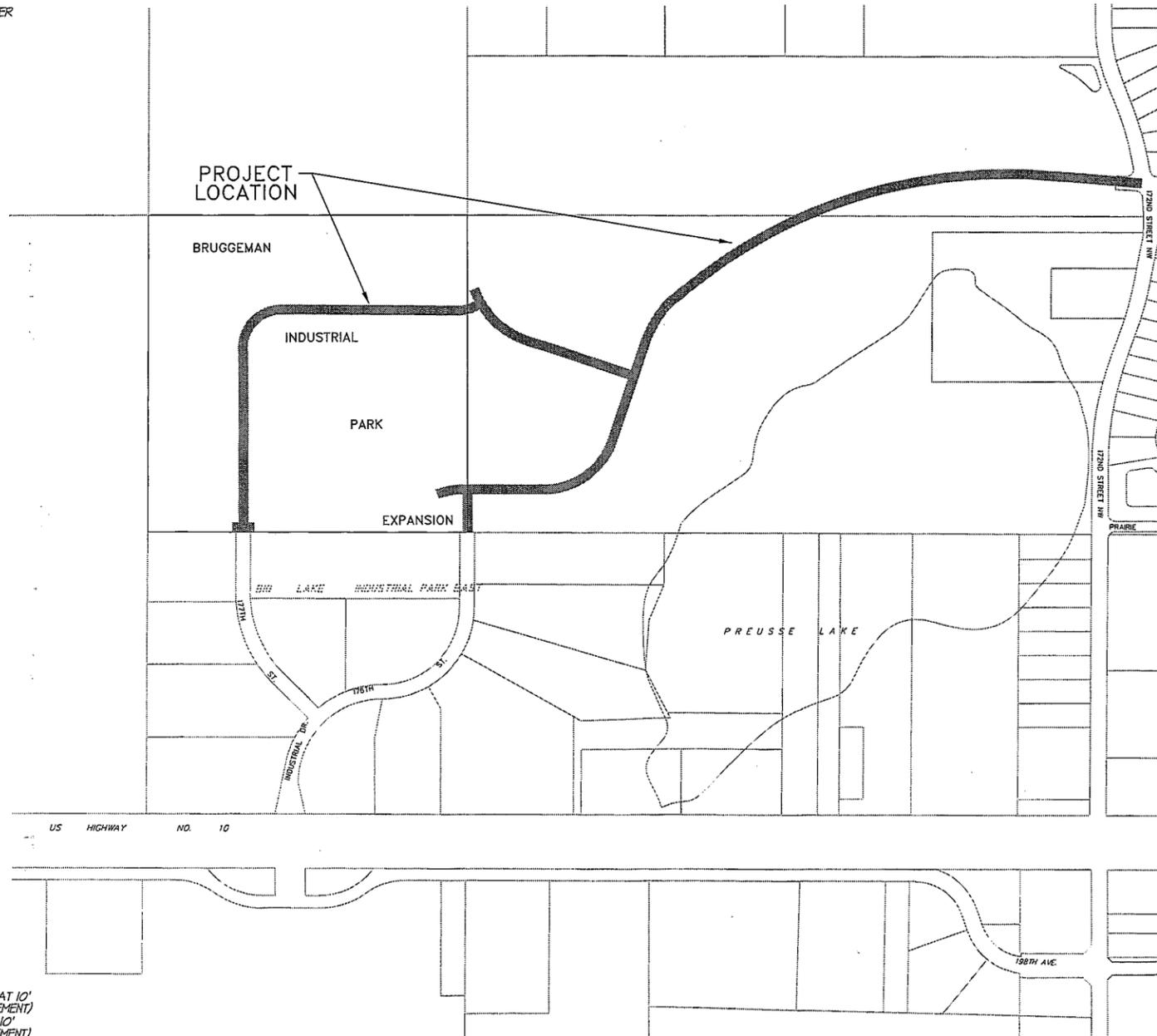
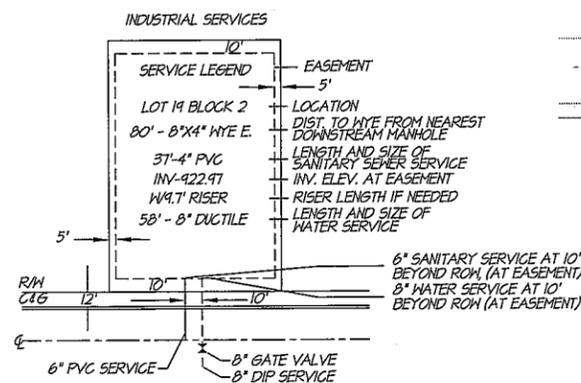
BRADLEY C. DEWOLF LIC. NO. 24000 DATE: 6/01/2008



MAP OF THE
CITY OF BIG LAKE
SHERBURNE COUNTY, MN
MAP LEGEND

PROJECT LIMITS

PROJECT DATUM:
HORIZONTAL: SHERBURNE CO. (1986)
VERTICAL: NAVD 1988



BOLTON & MENK, INC.
Consulting Engineers & Surveyors
MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN WILLMAR, MN
BURNSVILLE, MN CHASKA, MN RAMSEY, MN AMES, IA

RECORD DRAWING INFORMATION	CITY OF BIG LAKE, MINNESOTA	SHEET
OBSERVER:	BIG LAKE INDUSTRIAL PARK EAST PLAT V	1
CONTRACTOR:	TITLE SHEET	OF
DATE:		46