PROPOSAL 1

BENCHMARKS

1	TOP OF POST	ELEV=832.38
2	NE CORNER CONC.	ELEV=829.87

HORIZONTAL DATUM - NAD83 NORTH DAKOTA NORTH
VERTICAL DATUM - NAVD29

RED RIVER OF THE NORTH

SEE SHEET:
C3.0 REMOVAL & CONSTRUCTION PLAN
C4.0 WATERMAIN PLAN & PROFILE
C5.0 EROSION CONTROL PLAN
C6.0 TRAFFIC CONTROL PLAN

NORTH
0 100 200
Scale in Feet

3rd Ave SE
6" CIP - 58 NO. 9
6" CIP - 58 NO. 9
3rd Ave SE
10" PVC 99 CP10
3rd Street SE
4th Street SE
8" PVC 99 CP10
6" PVC 03 CP #7
5th Ave SE
(REPLACEMENT)
6"PVC 96
6" PVC - 11 REPLACEMENT
6" PVC 02 (REPLACEMENT)
5th Ave SE
8" PVC- 00
REPLACEMENT
SEE SHEET:
C3.1 REMOVAL & CONSTRUCTION PLAN
C4.1 WATERMAIN PLAN & PROFILE
C5.0 EROSION CONTROL PLAN
C6.0 TRAFFIC CONTROL PLAN
6" PVC - 11 REPLACEMENT
6" PVC 03 CP #7
6" PVC - 91 AJ NO. 2
6" ACP 1971
6" ACP 1971
6th Ave SE
8th Street SE
6" ACP 76 AJ NO. 1
7th Street SE
6" ACP 77 AJ NO. 2
6" PVC 96 (REPLACEMENT)
6th Street SE
6" PVC 96 (REPLACEMENT)
6th Ave SE
6" PVC 15 REPLMT.
6" PVC
6" PVC 15 REPLACEMENT
7th Ave SE
8" ACP 61
6" PVC
2000
6" PVC 2004
6" PVC 2004
12" ACP 61
Bygland Road SE
12" PVC 05 REPLACEMENT
12" CIP - 61 NO.
12" ACP 76 AJ NO. 17
12" PVC- 00 REPLACEMENT
8" PVC- 00 REPLACEMENT

WDSETH SMITH NOLTING
Engineering | Architecture | Surveying | Environmental

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
Matthew M. Hanson
DATE 11/15/18
LIC. NO. 51717

BY	REVISIONS	DATE

DATE 11/15/18
SCALE As Shown
DRAWN BY RAB
CHECKED BY MMH-SRE
JOB NUMBER 070700037.000

2019 Watermain Replacement
East Grand Forks Water & Light Department
East Grand Forks, Minnesota
General Area Layout - Proposal 1

SHEET NO
C1.0
SHEET OF

MODEL Default
PATH J:\070\C-EGF-WAL\070700037-... 2019 WM Replacement\C1.0 Gen Area Layout.dgn
12/12/2018

© 2018 WDSETH SMITH NOLTING

PROPOSAL 2

NORTH

0 100 200

Scale in Feet

6" ACP

6" CIP 68

6" ACP 80 AJ NO

6" PVC W&L 02 REPLACEME

20th Street NW

6" ACP - 73 AJ NO. 2

6" PVC - 88

6" PVC - 1983

14th Ave NW

6" PVC - 93

6" CIP - 58 NO. 1 WA

8" PVC 2013 CP NO.2

19th Street NW

6" PVC 91

6" PVC 2013 CP NO.2

18th Street NW

8" PVC 14 REPLACEMENT

12th Ave NW

8" PVC 2013 CP NO.2

10th Ave NW

17th Street NW

6" PVC - 90

75 AJ NO. 12

6" ACP

River Road NW

Forrest

6" CIP

69 NO. 1

Court NW

SEE SHEET:
C3.2 REMOVAL & CONSTRUCTION PLAN
C4.2 WATERMAIN PLAN & PROFILE
C5.1 EROSION CONTROL PLAN
C6.1 TRAFFIC CONTROL PLAN

SEE SHEET:
C3.3 REMOVAL & CONSTRUCTION PLAN
C4.3 WATERMAIN PLAN & PROFILE
C5.1 EROSION CONTROL PLAN
C6.1 TRAFFIC CONTROL PLAN

SEE SHEET:
C3.4 REMOVAL & CONSTRUCTION PLAN
C4.4 WATERMAIN PLAN & PROFILE
C5.2 EROSION CONTROL PLAN
C6.1 TRAFFIC CONTROL PLAN

BENCHMARKS		
1	NAIL IN TREE	ELEV=829.02
2	NAIL IN TREE	ELEV=829.76

HORIZONTAL DATUM - NAD83 NORTH DAKOTA NORTH
VERTICAL DATUM - NAVD29

RED RIVER OF THE NORTH

RIVE

12/12/2018

WIDSETH SMITH NOLTING
Engineering | Architecture | Surveying | Environmental

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
Matthew M. Houglum DATE 11/16/18 LIC. NO. 51717

BY	REVISIONS DESCRIPTION	DATE

DATE	11/16/18
SCALE	As Shown
DRAWN BY	RAB
CHECKED BY	MMH/SHL
JOB NUMBER	070/G0037.000

2019 Watermain Replacement
East Grand Forks Water & Light Department
East Grand Forks, Minnesota

General Area Layout - Proposal 2

SHEET NO
C1.1
SHEET OF

© 2018 WIDSETH SMITH NOLTING

MODEL: DeAndi
PATH: J:\070\G-EGF WML\070\G0037.000 - 2019 WM Replacement\CAD\Civil\Plan Sheets\070G0037.000 2019 WM Repl C3.1 Gen Area 30Scale.dgn