176TH AVENUE

SEE SHEET 17

SEE SHEET 6

SEE SHEET 18

PT 2+42.85

T/C 901.67

R=30'

T/C 899.58

45'
~~44'~~–30" RCP @ 0.32%

T/C 897.98

R=30'

STMH 13
RIM=897.40
INV=893.10 SW
INV=892.98 E

30'–27" RCP @ 0.40%

2+72.97

2+00

1+00

0+00

5+00

1+92.9

1+52.29

7+00

R=30'

T/C 899.61

STMH 14
RIM=897.40

T/C 897.98

R=30'

44'
~~46'~~–15" RCP @ 1.04%

T/C 896.91

1+86
~~ST MH 15 = 75'~~
~~CB 14 = 141'~~

889.5
SEWER ELEV.
@ 45° BEND

0+99
MH 22 - 104'
HYD = 84'

888.6
SEWER ELEV.
@ 45° BEND

ST MH 15 = 73'
CB 14 = 141'

4

3

NORTH

0 20
0 VERT. 5

902.0 900.06	902.0 899.84	902.0 899.60	902.0 899.3	902.0 899.1	902.0 898.89	902.0 898.65	902.0 898.41	902.0 898.17	902.0 897.94	901.7 897.70	901.3 897.46

905 / 900 / 895 / 890 / 885 / 880 / 875

EXISTING C/L PROFILE

FINISHED C/L GRADE

TOP 900.01

0.95%

TOP 897.41

895.06 NE
893.65 SE,SW

7.5'MIN. COVER

~~213~~ 210'–24" RCP @ 0.20%

274'–16" DIP WATERMAIN

893.35 S
893.22 NW, NE

273'–8" PVC SDR 35 SANITARY @ 0.40%

~~76~~
888.~~91~~ NE
~~888.76~~ SW 888.76
888.~~60~~ SE
~~.66~~

~~44~~
887.~~60~~ NW
887.~~50~~ E
~~.34~~

+72.97 MH 29

+58.7 STMH 15

+46.3 STMH 14

+00 MH 22

2+00 1+00 0+00

RECORD PLAN
DECEMBER 2002

Xrefs: XCS-BASE.DWG

DESIGNED BY: KT/EY DRAWN BY: EY/JM
APPROVED BY: APPROVED BY JOB NUMBER 815361J
CAD DATE: April 04, 2003 8:09:35 a.m.
CAD FILE: 815361J\dwg\176TH AVE.DWG (JLALLEN)

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 _____ DATE _____
PRINTED NAME TERRY J. MAURER LIC.NO. 15316

NO.	DATE	BY	REVISION DESCRIPTION

Howard R. Green Company
CONSULTING ENGINEERS
1326 ENERGY PARK DRIVE
ST. PAUL, MINNESOTA 55108
(651) 644-4389

PARK POINTE
CITY OF ELK RIVER

176TH AVENUE
STREET AND UTILITY IMPROVEMENTS 0+00 TO 2+72.97

SHEET NO. 16

SAFEGUARD PRODUCTS, INC. • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 62502
PARK 02 17