FOURTH STREET

SEE SHEET 14

SEE SHEET 16

MATCH EXISTING CURB & GUTTER

LIBRARY 2" COPPER

F&I HYD W/ VALVE 8+01 15'-6" LEAD 12"x6" TEE T/C 908.29

BENCH

T/C 907.63

12" VALVE 8+04

11.5'

PROCTOR AVENUE

EX. 12" STORM

EX. CB RIM=906.90 INV=902.70

EX. CB RIM=906.88 INV=901.38

MILL EXISTING BITUMINOUS SURFACE 1.5" DEEP X 4' WIDE, STRAIGHT LINE CUT, TACK & MATCH EXISTING BITUMINOUS

T/C 907.59

CONCRETE PEDESTRIAN RAMP (TYP.)

F&I SIGN R1-1 (36x36)

R=25' F/C

RET. WALL

STAND PIPE

T/C 907.96

18" SOLID WHITE LINE

12" VALVE

41.5'

13.5'

CB 13 RIM 907.17 INV 904.37 39'-12" RCP CLV @ 0.50%

18" SOLID WHITE LINE

10' CONC. D/W

12' CONC. D/W

EX. CONC. S/W

RET. WALL

5+00

6+00

7+00

8+00

9+00

10+00

EX. 8" SANITARY

STMH 14 RIM 907.20

EX. SANMH RIM=908.02 INV=899.22

EX. 12" STORM

F&I CROSSWALK T/C 908.29

EX. CB RIM=906.92 INV=903.02

EX. CB RIM=906.90 INV=901.70

EX. 12" STORM

F&I CROSSWALK STMH 17 RIM 907.35

T/C 907.97

RET. WALL

F&I SIGN STREET NAME

R=25' F/C

T/C 907.50

GARDEN

STMH 16 (72"ø) RIM 906.90

BITUMINOUS AREA

F&I SIGN R1-1 (36x36)

R=25' F/C

T/C 907.50

CONNECT TO EXISTING STORM SEWER (3) (1)

CONSTRUCTION LIMITS

F&I SIGN S1-1 (36P) S4-3 (24x10)

MATCH EXISTING CURB & GUTTER

ADJUST FRAME RING & CASTING

MATCH EXISTING CURB & GUTTER

MILL EXISTING BITUMINOUS SURFACE 1.5" DEEP X 4' WIDE, STRAIGHT LINE CUT, TACK & MATCH EXISTING BITUMINOUS

NORTH

0 20

0 VERT. 5

LOW POINT ELEV = 907.75
LOW POINT STA = 6+74.61
PVI STA = 6+75
PVI ELEV = 907.62
A.D. = 1.03
K = 96.90

HIGH POINT ELEV = 908.27
HIGH POINT STA = 8+21.22
PVI STA = 8+25
PVI ELEV = 908.40
A.D. = -1.14
K = 79.27

100.00' VC

90.00' VC

EVCS: 4+75
EVCE: 908.64

BVCS: 6+25
BVCE: 907.88

EVCS: 7+25
EVCE: 907.88

BVCS: 7+80
BVCE: 908.17

EVCS: 8+70
EVCE: 908.12

EXISTING C/L PROFILE

PROPOSED C/L PROFILE

-0.51%

0.52%

-0.62%

291' ~~300'~~ -18" RCP CLIII @ 0.38%

904.32 N
904.20 W

7.5' MIN

500'-12" DIP WATERMAIN

EX. 8" SANITARY

+74.61 STMH 14

EX. SANMH

+74 STMH 16 72"ø

901.70

55' ~~35'~~ -21" RCP CLIII @ ~~0.25%~~ 0.20%

+84 STMH 17

901.89 E
~~901.79 W~~

+55 STMH 17

230' ~~252'~~ -18" RCP CLIII @ ~~0.26%~~ 0.25%

902.19 E
902.09 W

RECORD PLAN
JANUARY 2004

925 920 915 910 905 900 895 890

909.3	909.2	909.1	909.1	909.1	909.1	909.1	908.9	908.9	908.8	908.8	908.7	908.6	908.5	908.3	908.2	908.2	908.3	908.3	908.2	908.2	908.1
908.64	908.52	908.39	908.26	908.13	908.00	907.88	907.78	907.75	907.78	907.88	908.01	908.14	908.24	908.27	908.22	908.09	907.94	907.78	907.63	907.48	907.32	907.17	907.15

5+00 6+00 7+00 8+00 9+00 10+00

Xrefs: XCS-BASE.DWG

DESIGNED BY: DESIGNED BY DRAWN BY: RKM
APPROVED BY: APPROVED BY JOB NUMBER 818980J
CAD DATE: December 12, 2003 1:24:19 p.m.
CAD FILE: 818980J\As-built\C\CT-D02.DWG (RMONJEA)

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 Kristina Thompson DATE 4/21/04

PRINTED NAME KRISTINA J. THOMPSON LIC.NO. 42350

NO.	DATE	BY	REVISION DESCRIPTION

Howard R. Green Company

1326 ENERGY PARK DRIVE
ST. PAUL, MINNESOTA 55108
(651) 644-4389

2003 STREET IMPROVEMENTS
CITY OF ELK RIVER

PLAN AND PROFILE
FOURTH STREET
5+00 TO 10+00

SHEET NO.
15

DRAWING NUMBER
03IMPR.04
15

SARCO PRODUCTS • NEW HOPE, MINNESOTA
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