FIFTH STREET

STATION 40+50 TO STATION 46+00

STORM CROSSING M SEE DRAWING 31
CB 36
CB 39
STORM CROSSING N SEE DRAWING 31
INSULATE WATERMAIN AND SERVICES (1250 S.F.)
STORM CROSSING O SEE DRAWING 31
CB 41
SALVAGE CONCRETE PAVERS AND RELAY TO MATCH
RELOCATE 2 – EVERGREENS BEHIND WALK
EX.27"STRM.CB GL 907.62 INV E 903.72 4 RINGS
INV S 903.42 3 RINGS, 11" CAST.
EX.SAN.MH TOP 908.62 S 889.02 DROP W 898.19 DROP N 894.54 E 894.41 NO RINGS, 6" CASTING CONE 4' SEC & BASE SEC
STMH 37
16"EVGRN EX.SAN.MH TOP 908.49 INV S 899.96 INV E 899.96 INV W DRY NO RINGS, 8" CASTING CONE & BASE SEC
CONC. PEDESTRIAN RAMP (TYP.)
STMH 38
ADJUST FRAME & RING CASTING EX. TOP 908.49 PROP. TOP 908.45 908.21
MILL EXISTING BITUMINOUS SURFACE 1.5" X 4' WIDE, STRAIGHT LINE CUT, TACK AND MATCH EXISTING BITUMINOUS
STMH 40
STMH 42
EX.27"STRM.CB GL – BUILD 3.8' 3 RINGS, 11" CAST.
18" SOLID WHITE LINE AND CROSSWALK (TYP.)
STMH 35
MILL EXISTING BITUMINOUS SURFACE 1.5" X 4' WIDE, STRAIGHT LINE CUT, TACK AND MATCH EXISTING BITUMINOUS
EX.SAN.MH GL 907.49 INV S 11" CAST.
SEE DRAWING 22
QUINN AVENUE SEE DRAWING 26
PROCTOR AVENUE
EX 12" RCP STORM SEWER
EXISTING 8" SANITARY
EXISTING 4" WATERMAIN
GARAGE FFE 908.81
HOUSE
CONC PAVERS
ROCK
2–20" TREES
24' BIT DWY
10' CONC DWY
11' GRAV DWY
16' CONC DWY
#1232
#1220
#1218
#1204
#1184
#1217
#1221
#430
#431
#432
B-12
NORTH
0 20
0 VERT. 3

PVI STA = 40+85 | PVI ELEV = 908.30 | 908.35
PVI STA = 41+25.69 | PVI ELEV = 908.50 | 908.37
PVI STA = 41+75 | PVI ELEV = 908.25
PVI STA = 42+50 | PVI ELEV = 908.63
PVI STA = 43+65 | PVI ELEV = 908.05
PVI STA = 45+20 | PVI ELEV = 909.10
PVI STA = 45+35 | PVI ELEV = 908.50
PVI STA = 45+75 | PVI ELEV = 908.50
PVI STA = 45+95 | PVI ELEV = 909.10
PVI STA = 46+25 | PVI ELEV = 908.61

EXISTING ℄ PROFILE
PROPOSED ℄ PROFILE
0.492%
-0.507%
0.507%
-0.504%
0.677%
1.000%
0.000%
3.000%
-1.633%
90 FT SLOPE 0.25% DIA 15in.RCP
200 FT SLOPE 0.25% 0.17% DIA 15in.RCP
158 FT SLOPE 0.25% 0.13% DIA 15in.RCP
73.05 FT SLOPE 0.37% X.XX% DIA 15in.RCP
EX. MH
EXISTING 4" WATERMAIN
EXISTING 8" SANITARY
RUNE QUINN AVENUE
CENTERLINE PROCTOR AVENUE

STMH 37 STA 40+85 RIM 907.92 INVERT OUT 906.17 905.00 INVERT IN 905.10 N INVERT OUT 906.07 E
STMH 38 STA 41+75 RIM 907.79 907.79 INVERT IN 904.94 905.14 INVERT OUT 904.94 904.97 INVERT IN 904.97 N INVERT IN 906.96 W INVERT OUT 904.94 E
STMH 40 STA 43+75 RIM 907.57 907.61 INVERT IN 904.44 904.63 INVERT OUT 904.44 904.49
BURIED STMH 42 STA 45+33.05 RIM 908.45 908.54 INVERT IN 904.05 904.28 W INVERT OUT 904.05 904.26 S
BURIED STMH 35 STA 46+76.98 RIM 908.56 908.35 INVERT IN 903.20 903.61 W INVERT IN 903.20 903.60 N INVERT OUT 903.20 903.59
STMH 33 STA 46+25 RIM 908.23 908.18 INVERT IN 903.47 903.83 INVERT OUT 903.47 903.58 INVERT IN 903.63

41+00 41+50 42+00 42+50 43+00 43+50 44+00 44+50 45+00 45+50 46+00

DESIGNED BY: JMA DRAWN BY: LAK
APPROVED BY: JMA JOB NUMBER 824180J
CAD DATE: April 01, 2005 1:09:56 p.m.
CAD FILE: 824180j\Dwgs\C\CT-21.DWG (LKIEWEL)

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 4/2/07
PRINTED NAME JOHN M. ANDERSON P.E. LIC.NO. 25889

NO.	DATE	BY	REVISION DESCRIPTION

Howard R. Green Company
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ST. PAUL, MINNESOTA 55114
(651) 644-4389

RECORD PLAN
2005 STREET IMPROVEMENTS
CITY OF ELK RIVER

STATION 40+50 TO STATION 46+00
PLAN AND PROFILE
FIFTH STREET

SHEET NO. 21

DRAWING NUMBER
SARCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 55062
PRINTED ON BOND OF STANDARD WEIGHT

DRAWING NUMBER
MAINS.05
13