HILLSIDE CROSSING II

FUTURE CONSTRUCTION BY OTHERS

SEE SHEET 5

12" D.I.P. WATERMAIN

EVANS

197TH AVE. N.W.

SEE SHEET 8

SEE SHEET 6

SEE SHEET 11

SEE SHEET 7

STREET

14+12

6" PLUG

16'–6"DIP

6" VALVE

8"X6"TEE

VERIFY SERVICE LOCATIONS WITH DEVELOPER

6'–6"PVC @ 12.00% TO R/W
45° RISER TO 4' BELOW GRADE

MH 5
N 10651.99
E 8964.80

14+56.75

PT = 26+79.53

N 10725.61
E 8936.16

8" PLUG
ELEV. = 985.2

N 10731.11
E 8951.80

8"–90° BEND

8"–11¼° BEND

N 10670.25
E 8973.20

PC = 27+51.65

PT = 28+38.97

31' TO FACE

25' TO FACE

MH 4
N 10486.70
E 8979.67

13+00

12+00

8" VALVE

12"X8"REDUCER

12"X10"TEE

12"X12"TEE

8"X6"TEE

6" VALVE

65'–6"DIP

75'–6"PVC @ 2.00% W/PLUG

6" PLUG

984.86 @ 45°

DRAINAGE AND UTILITY EASEMENT
(SEE RECORD PLAT)

15" RCP STORM SEWER

10" D.I.P. WATERMAIN

1+00

HYD

LP

EB

NOTE:
STATIONING REFERS TO
SANITARY SEWER ALIGNMENT

115.0'
57'
44.5'
56.0'
45'
49'
64'
47'
52'
86'
96'
77'
78'
84.5'
98.5'
82'
109'
122'

PROPOSED PROFILE OVER SANITARY SEWER

PROPOSED PROFILE OVER WATERMAIN

TOP
992.00

TOP
995.65

7.5'MIN.
COVER

7.5'MIN.
COVER

PROPOSED
15" RCP

150'–12" WATERMAIN

260'–8" WATERMAIN

374' (TO MH 5) 8" PVC @ 0.45%

165'–8" PVC @ 4.21%

976.30 E
976.30 N
976.30 S

983.25 N (PLUGGED OPENING)
983.25 S

1000
995
990
985
980
975

+00 12"X12" TEE

+90.79 MH 4

+96 12"X10" TEE

+02 8"X6" TEE

+40 8"X6" TEE

+56.75 MH 5

12

13

14

15

RECORD PLAN
MARCH 1997

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Tyler J. Mauren
DATE 4/15/96 REG.NO. 15316

MSA CONSULTING ENGINEERS

1326 ENERGY PARK DRIVE
ST. PAUL, MINNESOTA 55108
(612) 644-4389

REVISIONS	DATE	DESCRIPTION

DESIGNED SEF
CHECKED
DRAWN EY

GRAPHIC SCALE
0 20
0 VERT. 5

CITY OF ELK RIVER
HILLSIDE CROSSING II
WATERMAIN AND SANITARY SEWER CONSTRUCTION
11+50 TO 16+00

DATE APRIL 1996 | SHEET 12 OF 31 SHEETS | PROJECT NO. 230-297

ER297-9

1201

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DRAWING NUMBER

SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 8552

DRAWING NUMBER

SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 8552

DRAWING NUMBER
HILLSC2 97
12

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