MAIN STREET

METHODIST CHURCH
W/E = 31+61
6" PVC = 45° (INCL'S 45° RISER)
ELEV = 9 (BELOW EX. GRADE TO 45° BEND)
6" DIP = 28

BUILDING

REMOVE AND SALVAGE EXISTING HYDRANT
INSTALL 6"x6"x6" TEE, 13'-6" WATERMAIN
6" VALVE AND HYDRANT

REMOVE ~~AND REPLACE~~ EXISTING 6" VALVE

PLUG OLD TEE @ MAIN (INCIDENTAL)

QUINN AVENUE

EXIST. SANITARY SEWER

W DELETED NEW 6" VALVE

Lawn Sprinkler

4"x4"x16 INSULATED

4"x4"x8 INSULATED

EXISTING WATERMAIN

6"x6"x6" TEE

6"x6"x6" CUT-IN TEE

6" PLUG

6" DIP

20'-4" DIP

6" VALVE

HYD = Δ = 11
MH/S = 32

REMOVED EXISTING MANHOLE

EXIST. SANITARY SEWER (TO BE REMOVED)

EXIST. SAN. MH
TOP 909.86
(SE) INV. 900.31

SEE SHEET 13

SEE SHEET 11

MH # 16

MH # 15

Conc. Curb

5' Conc. S/W

26' B.T. D/W

3' Conc. S/W

8' Boulder

8" Elm

24" Elm

36" Elm

10' Bit. D/W

10' Grav. D/W

12' Grav. D/W

GARAGE

HOUSE
W/E = 34+67
4" = 33 (INCL'S 45° RISER)
ELEV = 13 (BELOW EX. GRADE TO 45° BEND)
1" = 45 (RECONNECT)

#13119
W/E = 33+44
4" = 46 (INCL'S 45° RISER)
ELEV = 12 (BELOW EX. GRADE TO 45° BEND)
1" = 51 (INCL'S 10' ON SOUTH SIDE CURB STOP RECONNECTED)

#13113
W/E = 32+65
4" PVC = 46 (INCL'S 45° RISER)
ELEV = 12 (BELOW EX. GRADE TO 45° BEND)
1" = 47 (INCL'S 10' ON SOUTH SIDE CURB STOP RECONNECTED)

WOOD LANDING
W/E = 31+38
4" = 51 (INCL'S 45° RISER)
ELEV = 12 (BELOW EX. GRADE TO 45° BEND)
1" = 51 (INCL'S 10' ON SOUTH SIDE CURB STOP RECONNECTED)

#12237
W/E = 30+60
4" = 46 (INCL'S 45° RISER)
ELEV = 12 (BELOW EX. GRADE TO 45° BEND)
1" = 0

OPEN PORCH

CONSTRUCT MANHOLE AROUND EXISTING 8" SANITARY SEWER SEE SHEET 13

FORCEMAIN CONNECTION SEE DETAIL ON SHEET 13

FINISHED & GRADE

EXISTING & PROFILE

-1.26%

-0.40%

+0.40%

-0.48%

425'-18" PIPE @ 0.12%

0.11%

100'-18" PIPE @ 0.12%

0.10%

TO BE REMOVED
EXISTING SANITARY SEWER

RECORD PLAN DEC 1988

907.35 TOP ~~907.15~~ 906.89

907.92

907.04

908.64 TOP 908.44 01

908.42

908.68

(E) INV. 886.00 888.94
FORCEMAIN (W) INV. 887.00
(N) INV. 888.07

INV. 885.49 888.46

INV. 885.37 888.76

+25 MH # 16 INSIDE DROP

+00 MH # 15

+50 GRADE BREAK

+00 GRADES BREAK

910 905 900 895 890 885 880

35 34 33 32 31 30

REVISIONS	DATE	DESCRIPTION
	3/5/88	Street Grades

Maier Stewart & Associates Inc.
CONSULTING ENGINEERS
1959 SLOAN PLACE (612)774-6021 ST. PAUL, MINNESOTA 55117

DESIGNED
CHECKED
DRAWN MRJ
GRAPHIC SCALE HORIZ. 20 VERT. 5

CITY OF ELK RIVER
SANITARY SEWER
MAIN STREET

DATE OCT 1987 | SHEET 12 OF 42 SHEETS | PROJECT NO. 230-014

DRAWING NUMBER
SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 8352
POSITION EDGE OF PRINT ON THIS LINE
DRAWING NUMBER
MAINS 87
12