MAIN STREET

CITY PARK
2"=40' (INCLUDES 6" PIGTAIL)

REPLACE EXISTING 6" VALVE

JACKSON AVENUE

EXIST. 6" WATERMAIN

EXIST. STORM MH
TOP 890.13
(N) 875.83
(SW) 875.83
(W) 880.13

CONNECT TO EXISTING 6" WATERMAIN W/ 12"x6" REDUCER

PARK FLAG POLE

40" Elm

REMOVE AND SALVAGE EXIST. HYDRANT. INSTALL 12"x12"x6" TEE, 6" WATERMAIN, 6" VALVE & HYDRANT

STOP BOX

35'-12" WATERMAIN

INSTALL 2" WATER SERVICE TO PROPERTY LINE

EXIST. 6" WATERMAIN

ABANDONED

12"x12"x12" TEE
12"x6" RED.

SEE SHEET 6

INSTALL 6" VALVE ON EXISTING 6" WATERMAIN

MH#5

20'-8" PIPE
22'

EXIST. CB
GL 888.63
INV. 884.13

HARDWARE STORE
W/E = 0+06
1"=0 (NEW STOP)
4" = 90
ELEV (PILOT HOLE THRU WALL 879.0±)

PROFESSIONAL BLDG
W/E = 0+32
4"=39
1"=78
1"=0 (NEW STOP)
ELEV (PILOT HOLE THRU WALL 879.0±)

BUILDING
OLD THEATRE
W/E = 0+82
4" = 46
1"=0 (NEW STOP
ELEV = ½' BELOW FOOTING

CHIROPRACTIC CLINIC
W/E = 1+05
4" = 45 (VERT. RISER AT END)
1"=0 (NEW STOP)
ELEV = 110' (1ST FL. TO 90° W/E)

DICKS MAIN TAP
W/E = 1+28
4" = 63 (VERT. RISER AT END)
ELEV = 10' (1ST FL. TO 90° W/E)
1" = 55 (FUTURE)
1"=0 (NEW STOP)

STAT. NEW 4" EMC
1"=0 (NEW STOP) (RECONNECT)
W/E = 1+98
4" = 57 (6' RISER AT END)
ELEV = 12' (1ST FL. TO 40' RISER)

NOTE
CONNECT ALL EXISTING SANITARY SEWER SERVICES TO NEW 18"

HORNETTI PIZZA
W/E = 2+14
4" = 57 (6' RISER AT END)
ELEV. = 11' (1ST FL. TO 40' RISER)

AMOCO GAS
1"=77 (RECONNECTED)

SEWER OFF JACKSON PLACE

JACKSON PLACE

REMOVE EXISTING MANHOLE AND EXTEND EXISTING 8" SANITARY SEWER FROM THE NORTH TO NEW MANHOLE

PROPOSED 12" WATERMAIN

EXISTING SANITARY SEWER

BULKHEAD & ABANDON EX. LINE

EX. COP TO BE REMOVED

EX. COP TO SECURITY FED.

4" PVC TO SECURITY FEDERAL

SECURITY FEDERAL
1"=0
W/E = 2+70
4" PVC = 50 (INCLUDES RISER AT END)
ELEV = 14' (BELOW 1ST FL. TO INV 40' RISER)

FED. SECURITY SIGN

EXIST. CB
GL 888.17
(W&E) INV. 885.5 (6")
(S) INV. 884.9 (12")

6" W/E = 3+80
STATE BANK ELK RIVER
6" PVC = 35' (RECONNECT TO EX. 8" CLAY)
4" PVC = 75' (ELEV. -1½' UNDER FOOTING)
4" CIP = 25' (FIRE LINE)
2" CCF = 22' (RECONNECTED TO EX.)

BUILDING

EXIST. STORM SEWER

6" VALVE

CB"A" = 58
CB"B" = 73

4" PVC

6x4 W/E

6" PVC

REMOVE EXISTING MANHOLE
PHILLIP 66 GAS STATION
1"=0
6" PVC = 30 (RECONNECTED TO EX.)
W/E = 4+61

HYD "A" 6" CLAY

EX. 4" VALVE
HYD "A" = 72
MH #3 = 2.7

EXIST. 12" WATERMAIN

EX. 12" VALVE
SEE SHEET 4

HYD "A" = 52
MH #3 = 42

CONNECT TO EXISTING 12" WATERMAIN

REMOVED

EXIST. SAN. MH
TOP 888.97
(S) INV. 878.6
(W) INV. 878.6
(N) INV. 879.2

MH#3

8" PVC = 8'

EX. 4" TO LAUNDRY

CONNECT EXISTING 8" SANITARY SEWER FROM THE SOUTH TO NEW MANHOLE
DIRECT FLOW TO THE EAST

NAPEAU LAUNDRY

"SEE PAGE 4"

Conc. Curb
Edge Bituminous Road
Conc. Valley Gutter
GL 888.5
Bituminous Parking
Conc. S/W
Conc. Apron
Fence
Bituminous Parking
3" Maple
4" Tree
GL 888.7
24' Conc. Apron
28' Conc. Apron
15' Conc. Apron
20' Conc. Apron
16' Conc. Apron
Stop Sign
St. Sign
Amoco Sign
Parking Sign
No Parking Sign
EX. COP TO PROP. BLDG.
EX. COP TO DICKS
EX. COP

PROFILE

TOP 889.30 889.15 889.92
TOP 889.63 889.78
889.63
888.93
888.41
888.2
TOP 888.97
889.09

890
885
880
875

0.70%
-0.48%
+0.48%
-0.48%
0.38%
0.12%
0.07%

FINISHED & GRADE
EXISTING & PROFILE

7.5' MIN. COVER

485'-12" WATERMAIN

(TO BE REMOVED)
EXISTING SANITARY SEWER (VERIFY LOCATION)
320'-18" PIPE @ 0.12%

147'-18" PIPE @ 0.12%

INV. 878.20
INV. 872.07
(E-W) INV. 878.02
(N) INV. 877.5 ±
(E-W) INV. 878.48
(N) INV. 879.08 (DROP)
(E-W) INV. 877.64
(S) INV. 878.27
(E-W) INV. 877.27
(S) INV. 876.87

MH#5
147' MH #4
MH #3

+00 @ JACKSON AVENUE — PVI = 890.37
+00 GRADE BREAK
+55 @ JACKSON PLACE
+00 GRADE BREAK
+45 MATCH EXISTING
+67

0 1 2 3 4 5

RECORD PLAN DEC 1988

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

REVISIONS	DATE	DESCRIPTION

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

CITY OF ELK RIVER
SANITARY SEWER & WATERMAIN
MAIN STREET

DATE OCT 1987 | SHEET 5 OF 42 SHEETS | PROJECT NO. 230-014

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