C.S.A.H. NO. 1 (PROCTOR AVENUE)

HOUSE GAR. HOUSE GAR.

RELOCATE EXISTING HYDRANT WITH APPROX. 4 L.F. 6" PIPE & 6" VALVE

WYE 5+42 33' 4" PVC

WYE 5+91 42' 4" PVC @ R.O.W. 6+11

12" MAPLE

18' CONC D/W

17' CONC. D/W

17' BIT D/W

18' GRAVEL D/W

SPRUCE ROW

APPROXIMATE LOCATION OF EXISTING SANITARY MANHOLE (VERIFY)

EXIST. HYD.

4'

*SIGN

MB

U.G. GAS LINE MARKER

60

33

CENTERLINE OF C.S.A.H. NO. 1

6+00 6+50 7+00 7+50 8+00 8+50 9+00 9+50 10+00 10+50 11+00 11+50

45.5'

EXISTING 8" SANITARY SEWER

MH#5

APPROXIMATE LOCATION OF EXISTING 6" WATERMAIN

APPROX. LOCATION EXIST. 8" W.M. (INSULATED)

SEE SHEET 6

E. LINE OF THE S.W. 1/4 OF THE S.E. 1/4

CENTERLINE OF CO. RD. NO. 77 (PROCTOR AVENUE)

PINES

TB

EXISTING CONC. CURB

G.L.910.15

REMOVE EXISTING MANHOLE AND REPLACE WITH MH#5, SALVAGE & REUSE EXISTING CASTING.

CONC. CURB

G.L.909.60

SEC.33, T.33N., R.26W.
SEC.28, T.33N., R.26W.

EXISTING CATCH BASIN TOP 908.15

15" PVC

908.24 908.56 TOP ~~908.83~~ 908.61 908.88 909.20 909.44 909.68 909.92 910.16 910.40 910.64 910.88 911.12

920 915 910 905 900 895 890 885

INSULATION REQ'D ON WATERMAIN, SANITARY SEWER & SERVICES TO R.O.W. (SEE DETAIL ON SHEET 26)

EXISTING ℄ PROFILE

FINISHED ℄ GRADE

11+50 END INSULATION W.M. ELEV. = 900.0±

+0.64%

+0.48%

228' 8" PVC @ ~~0.30%~~ 0.37%

INV. ~~902.49~~ 902.80

APPROXIMATE LOCATION OF EXISTING 8" WATERMAIN

RECORD PLAN NOV. 1991

+50 MANHOLE #5

+00 GRADE BREAK

6 7 8 9 10 11

C001-9

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.

Terry J. Maurer

DATE 3/15/91 REG. NO. 15316

MSA Maier Stewart & Associates Inc. CONSULTING ENGINEERS

1959 SLOAN PLACE (612)774-6021 ST. PAUL, MINNESOTA 55117

REVISIONS

DATE	DESCRIPTION

DESIGNED VGH
CHECKED Jim J
DRAWN GG
GRAPHIC SCALE
HORIZ. 20
VERT. 5

SHERBURNE COUNTY
SANITARY SEWER & WATERMAIN IMPROVEMENTS
C.S.A.H. NO. 1 (PROCTOR AVENUE)
S.A.P. 71-601-13

DATE JAN. 1991 SHEET 7 OF 28 SHEETS PROJECT NO. 231-001

DRAWING NUMBER 1CSAH 91 7

SHERCO PRODUCTS • NEW HOPE, MINNESOTA
PROPERTY OF PART NUMBER 0302
REORDER BY PART NUMBER 0302