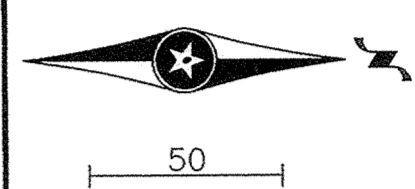
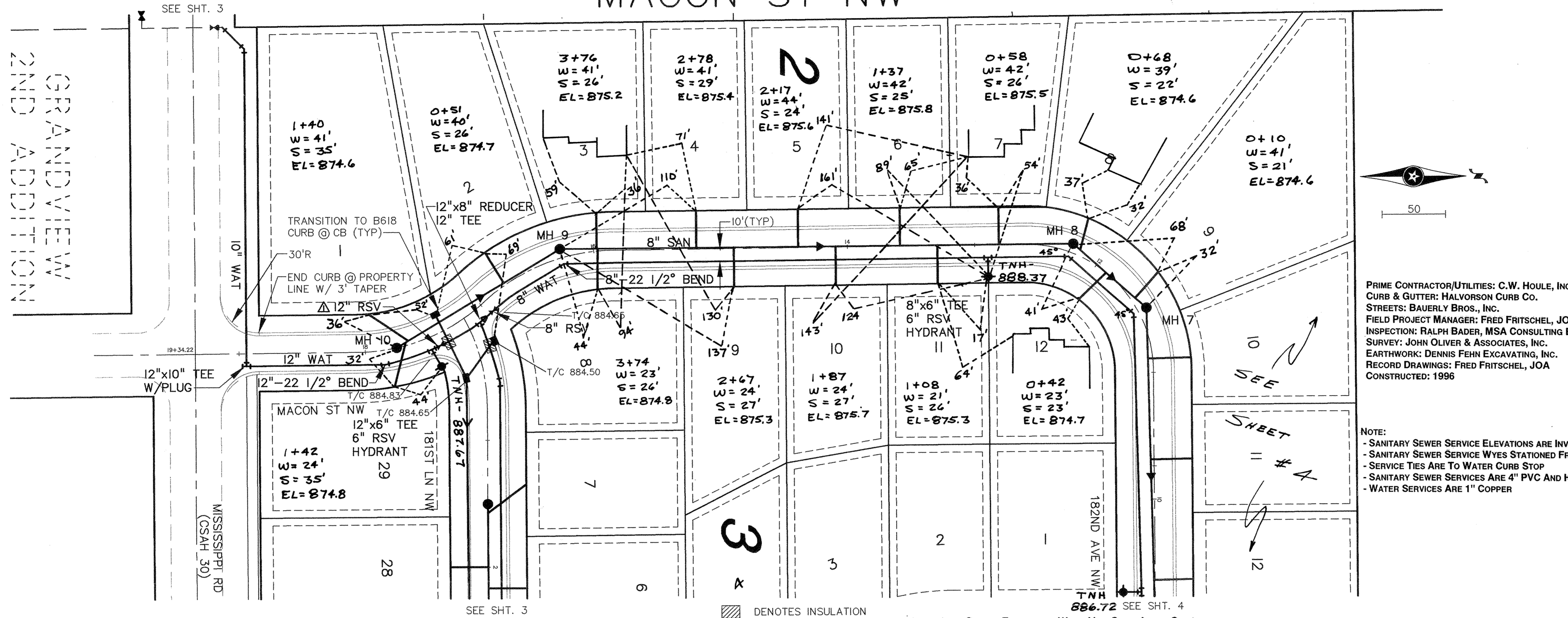


MACON ST NW

RECORD DRAWINGS

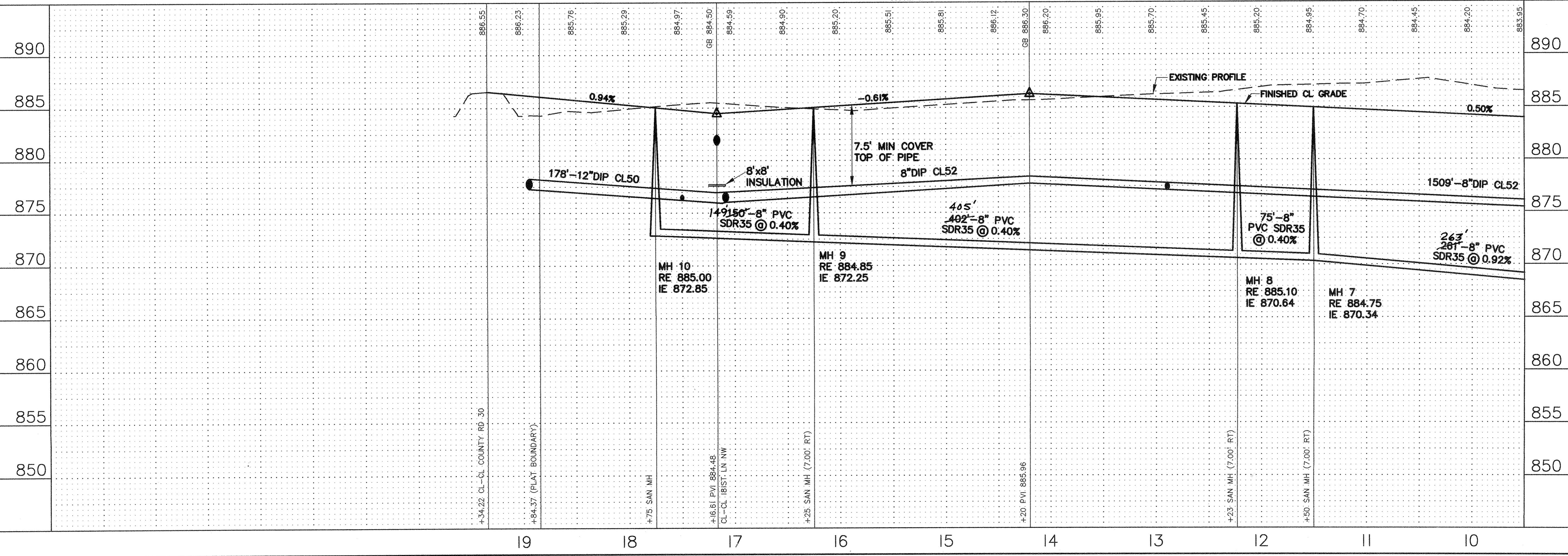


PRIME CONTRACTOR/UTILITIES: C.W. HOULE, INC.
 CURB & GUTTER: HALVORSON CURB CO.
 STREETS: BAUERLY BROS., INC.
 FIELD PROJECT MANAGER: FRED FRITSCHEL, JOA
 INSPECTION: RALPH BADER, MSA CONSULTING ENGINEERS
 SURVEY: JOHN OLIVER & ASSOCIATES, INC.
 EARTHWORK: DENNIS FEHN EXCAVATING, INC.
 RECORD DRAWINGS: FRED FRITSCHEL, JOA
 CONSTRUCTED: 1996

NOTE:
 - SANITARY SEWER SERVICE ELEVATIONS ARE INVERT AT THE 45 DEGREE BEND
 - SANITARY SEWER SERVICE WYES STATIONED FROM DOWNSTREAM MANHOLE
 - SERVICE TIES ARE TO WATER CURB STOP
 - SANITARY SEWER SERVICES ARE 4" PVC AND HAVE A 5' +/- RISER ON END
 - WATER SERVICES ARE 1" COPPER

REV. NO.	DATE	DESCRIPTION
1	02/25/96	ADDED 12" WM VALVE SOUTH OF 181ST LN.
2	12/19/96	RECORD DRAWING

I hereby certify that this plan 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.
 Signed: *[Signature]*
 Date: 12/05/95 Reg. No. 20383



STATION	ELEVATION	DESCRIPTION
19+00	890.00	EXISTING PROFILE
19+00	885.00	FINISHED CL GRADE
18+00	880.00	178'-12" DIP CL50
17+00	875.00	149'15"-8" PVC SDR35 @ 0.40%
16+00	870.00	MH 10 RE: 885.00 IE: 872.85
15+00	865.00	MH 9 RE: 884.85 IE: 872.25
14+00	860.00	405'-8" PVC SDR35 @ 0.40%
13+00	855.00	MH 8 RE: 885.10 IE: 870.64
12+00	850.00	MH 7 RE: 884.75 IE: 870.34
11+00	845.00	75'-8" PVC SDR35 @ 0.40%
10+00	840.00	263'-8" PVC SDR35 @ 0.92%

John Oliver & Associates, Inc.
 Civil Engineering, Land Surveying, Land Planning
 580 Dodge Avenue
 Elk River, Minnesota
 (612)441-2072 (FAX)441-6865
 801 W. Trivelpiece Trail, Suite 200
 Burnsville, MN 55337
 (612)894-3045 (FAX)894-3049

COUNTRY CROSSING SECOND ADDITION
 ELK RIVER, MN
 COUNTRY RIDGE PARTNERSHIP
 SANITARY SEWER, WATERMAIN,
 STREET AND STORM SEWER PLAN

SHEET NO. 5 OF 9