



- NOTES:
1. ALL D.I.P. WATERMAIN SHALL BE CLASS 52 UNLESS OTHERWISE NOTED.
 2. ALL 8" PVC SANITARY SEWER SHALL BE SDR 35 UNLESS OTHERWISE NOTED.
 3. SANITARY SERVICES SHALL BE 4" PVC SDR 26.
 4. WATER SERVICES SHALL BE 1" COPPER WITH 1" CORP.
 5. ALL HYDRANT LEADS SHALL BE 6" DIP CLASS 52.
 6. CONTRACTOR SHALL INSTALL HYDRANT EXTENSIONS AS NECESSARY WHERE WM HAS BEEN LOWERED TO AVOID CONFLICT WITH OTHER UTILITIES. EXTENSIONS SHALL BE CONSIDERED INCIDENTAL TO HYDRANT COST.
 7. INSTALL HYDRANTS 5' BEHIND CURB.

SCALES: PLUG END
 1" = 50' HOR 30 LF 8"
 1" = 10' VER DIP WM

BENCHMARK:
 TOP NUT HYD. AT THE
 NORTH R/W LINE OF 195TH
 AND 115 NORTH OF THE SOUTH
 PROPERTY LINE ELEVATION=
 941.27 FEET (N.G.V.D. 1929)



Record Plans
 2-02-05
 Utility Contractor: Hennen Construction
 *Note: Rim and invert elevations provided
 by Otto Associates. All other record plan
 information provided by the City of Elk River.

1	11/9/04	M.L.H.	CONNECTED WM FROM 196TH LANE TO ALBANY CIRCLE
DESIGNED	DRAWN	M.P.C.	M.L.H.
CHECKED	M.P.C.		
NO.	DATE	BY	DESCRIPTION
REVISIONS			

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.

Martin P. Otto
 DATE: 9/23/04 REG. NO. 19901

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PRESTIGIOUS WOODLAND HILLS
 BREUER FAMILY, LLP
 ELK RIVER, MN

SANITARY SEWER & WATERMAIN
 196TH COURT
 PROJECT NO: 2-02-0628
 SHEET NO. 5 OF 14 SHEETS
 DATE: 9/23/04

DRAWING NUMBER
 PWDHLS.04
 5
 SAFCO PRODUCTS • NEW HOPKINS, MINNESOTA
 REORDER BY PART NUMBER 6502
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