

ORONO PARKWAY

$\Delta = 36^{\circ}50'02''$
 $R = 318.69'$
 $T = 106.12'$
 $L = 204.88'$

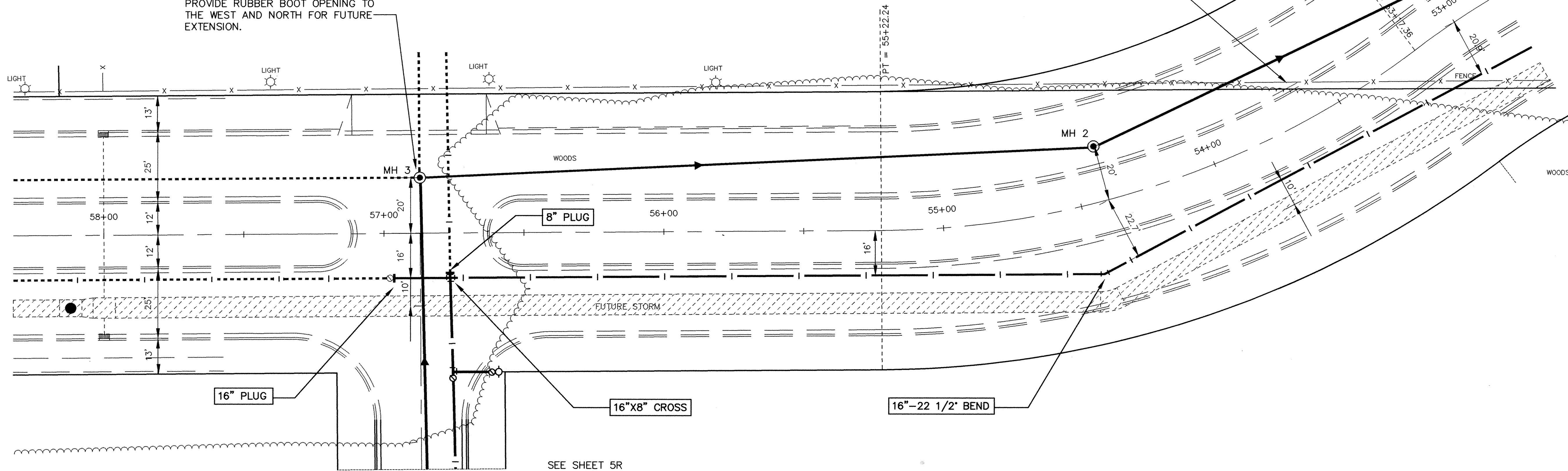
NOTE: 1) FINISHED STREET GRADE TO BE COMPLETED BY OTHERS.
STREET WILL BE A TWO LANE ROADWAY 25' WIDE IN EACH
DIRECTION, SEPERATED BY A 24' WIDE MEDIAN.
PROPOSED SANITARY SEWER MANHOLES TO BE CONSTRUCTED
1' BELOW EXISTING GROUND ELEVATION. INSTALL STEEL
PLATE OVER MANHOLE STRUCTURE.

2) REMOVE EXISTING LIGHT POLES AS DIRECTED BY ENGINEER.

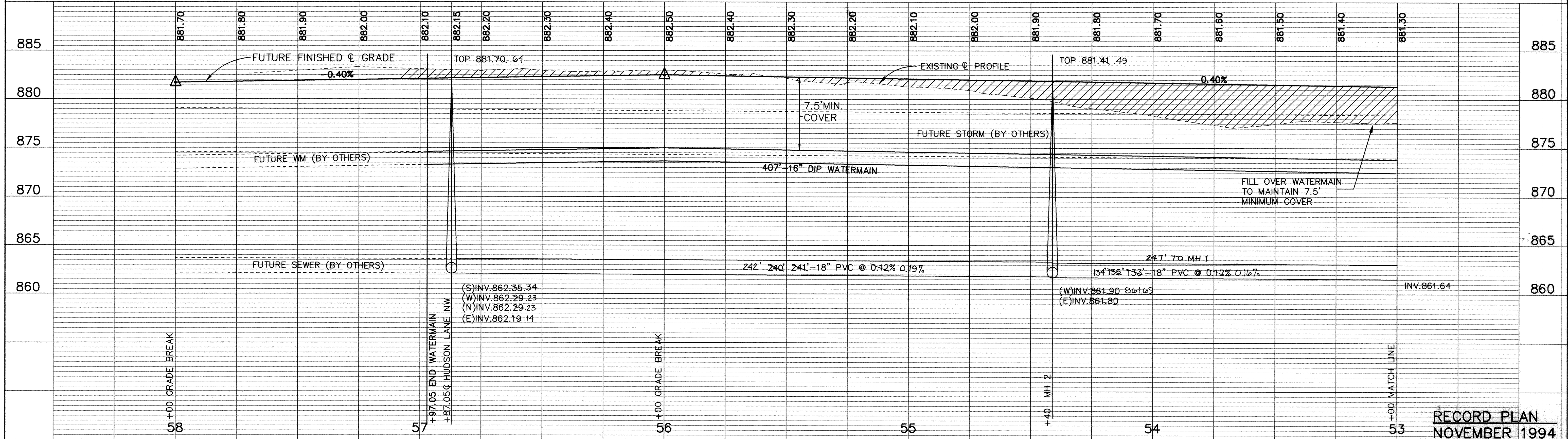
NOTE: CONTRACTOR TO SALVAGE 185' EXISTING FENCE. FENCE TO
BE ROLLED UP AND KEPT IN PROTECTED AREA ON SITE.

PROVIDE RUBBER BOOT OPENING TO
THE WEST AND NORTH FOR FUTURE
EXTENSION.

SEE SHEET 3R



SEE SHEET 5R



RECORD PLAN
NOVEMBER 1994

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.
Mark V. Graham
DATE 8/31/94 REG. NO. 19130

MSA
CONSULTING ENGINEERS

1326 ENERGY PARK DRIVE
ST. PAUL, MINNESOTA 55108
(612) 644-4389
9800 SHELARD PARKWAY
MINNEAPOLIS, MINNESOTA 55441
(612) 546-0432

DATE	DESCRIPTION	DESIGNED
8-23-94	REVISED ST. & UTILITY ALIGNMENT. ADDED FILL	CHECKED DRAWN
		GRAPHIC SCALE 0 HORIZ. 20 0 VERT. 5

CITY OF ELK RIVER SANITARY SEWER AND WATERMAIN ORONO PARKWAY		STA. 53+00 TO 57+00
DATE JUNE 1994	SHEET 4R OF 20 SHEETS	PROJECT NO. 230-194