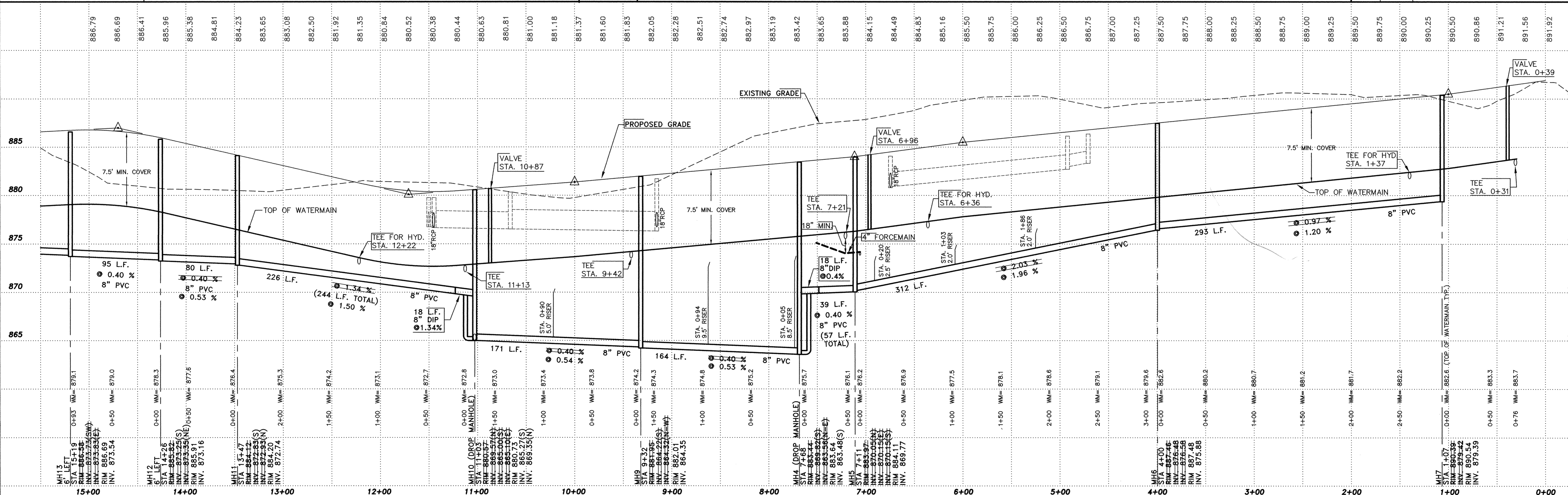


WARNING:
 THE LOCATION OF EXISTING UTILITIES SHOWN ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES ARISING OUT OF HIS FAILURE TO PROPERLY LOCATE AND/OR PRESERVE THEM. ALL EXISTING UTILITIES MAY NOT BE SHOWN.

- NOTES**
1. SERVICE NOTE:
 - S & W 0+62 - Denotes sanitary sewer wye station from downstream manhole, water service shall be located 3 feet upstream from sewer service.
 - SER. EL. 927.2 - Denotes proposed sanitary service elevation for end of service at the R/W line
 - T/C - Denotes top of curb elevation at curb box. Set curb box 0.3 feet higher.
 - RISER - Denotes length of riser at main. Length measured from main invert to service bend for 2% slope.
 2. MATERIALS:
 - Sanitary sewer - PVC (SDR 35)
 - Sanitary service - 4" PVC (SCH 40)
 - Watermain - DIP
 - Water service - 1" copper
 - Storm sewer - RCP
 3. Contractor shall verify that existing stub pipes are in working order prior to connecting new pipes.
 Contractor is responsible for locating all existing utilities through Gopher State One Call and for their protection.
 4. BENCH MARK: TNH SE CORNER LOT 1, BLOCK 1, RIVERPLACE & SOUTHWEST OF 185TH AV. NW. ELEV. = 891.47
 5. ☆ Denotes Street Light
 6. ● Denotes Combination Stop/Street Sign

CITY OF ELK RIVER,
 CITY ENGINEER: _____ DATE: _____

REV. NO.	DATE	REVISION
1	5-07-98	WATERMAIN LOCATION (QUEEN ST)



SANITARY SEWER & WATERMAIN PROFILE
 QUEEN STREET NW. & QUEEN CIRCLE NW.
 RIVERPLACE
 ELK RIVER, MINNESOTA

MIDWEST
Land Surveyors & Civil Engineers, Inc.
 189 Coon Rapids Blvd. Ste. 6443
 Coon Rapids, Minn. 55433
 Ph. 612-766-8900 Fax 612-766-8908
 Job No. 14-13 Book-Page _____ Acad file 14-13E2
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Scale: HORIZONTAL 1" = 50'
 VERTICAL 1" = 5'
 RECORD PLAN 4/26/99

Reg. No. 16753 Date 3-31-98

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