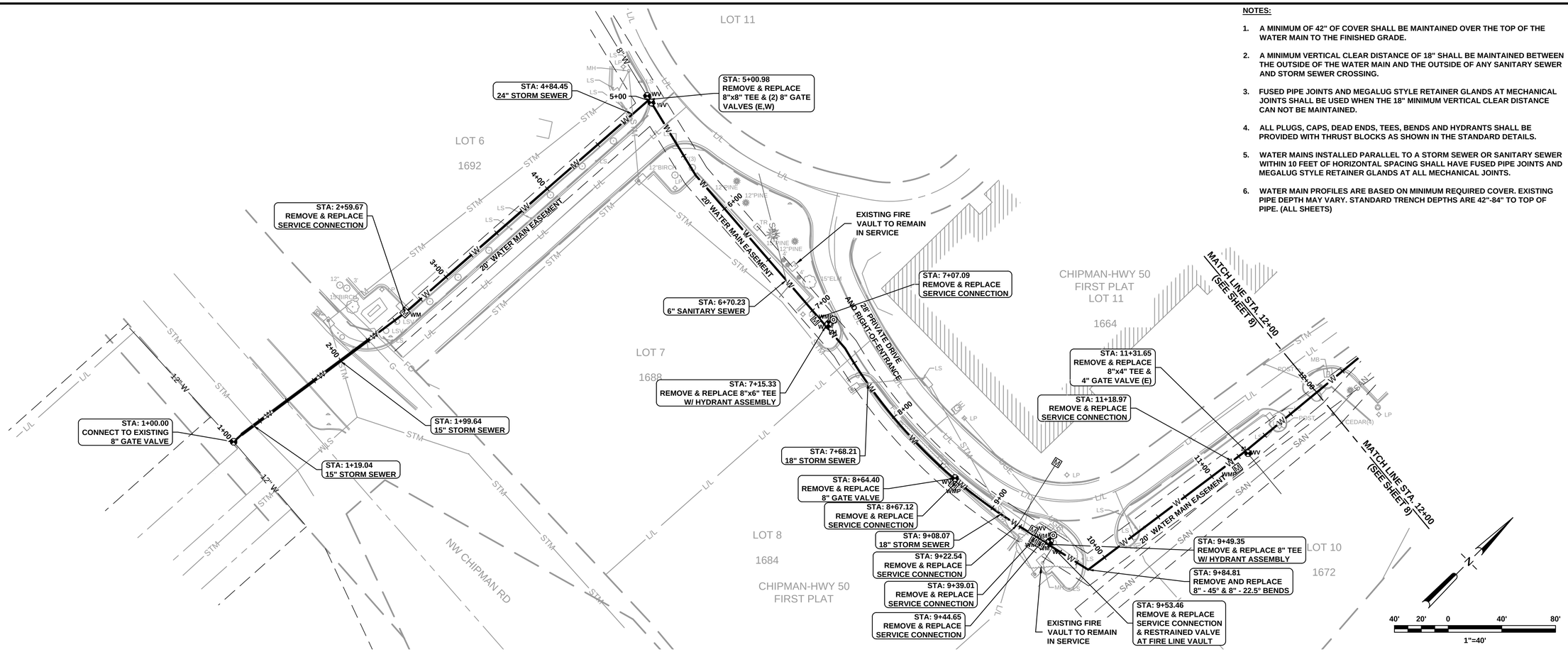
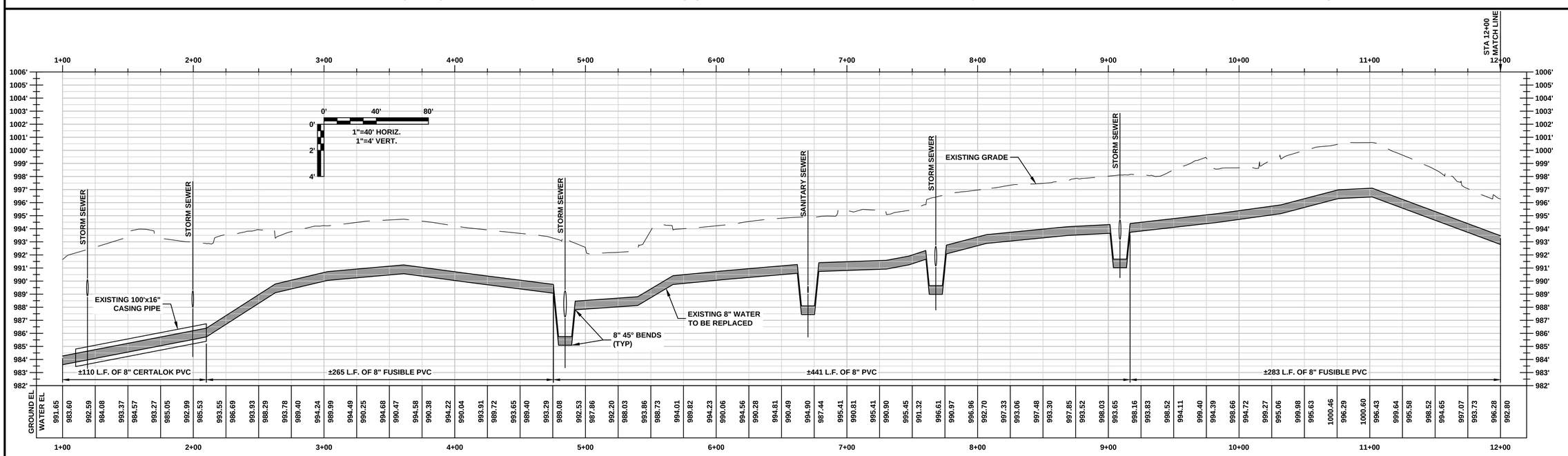
NOTES:

1. A MINIMUM OF 42" OF COVER SHALL BE MAINTAINED OVER THE TOP OF THE WATER MAIN TO THE FINISHED GRADE.
2. A MINIMUM VERTICAL CLEAR DISTANCE OF 18" SHALL BE MAINTAINED BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY SANITARY SEWER AND STORM SEWER CROSSING.
3. FUSED PIPE JOINTS AND MEGALUG STYLE RETAINER GLANDS AT MECHANICAL JOINTS SHALL BE USED WHEN THE 18" MINIMUM VERTICAL CLEAR DISTANCE CAN NOT BE MAINTAINED.
4. ALL PLUGS, CAPS, DEAD ENDS, TEES, BENDS AND HYDRANTS SHALL BE PROVIDED WITH THRUST BLOCKS AS SHOWN IN THE STANDARD DETAILS.
5. WATER MAINS INSTALLED PARALLEL TO A STORM SEWER OR SANITARY SEWER WITHIN 10 FEET OF HORIZONTAL SPACING SHALL HAVE FUSED PIPE JOINTS AND MEGALUG STYLE RETAINER GLANDS AT ALL MECHANICAL JOINTS.
6. WATER MAIN PROFILES ARE BASED ON MINIMUM REQUIRED COVER. EXISTING PIPE DEPTH MAY VARY. STANDARD TRENCH DEPTHS ARE 42"-84" TO TOP OF PIPE. (ALL SHEETS)





SUMMIT WOODS (#1)

Revision	Notes:	Issued:
0	MDNR REVIEW	06/24/2024
1	ISSUED FOR CONSTRUCTION	02/13/2025

LEE'S SUMMIT MISSOURI

PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

Project: WATER MAIN REPLACEMENT - FY24
PHASE 1 - BID# 722
CITY OF LEE'S SUMMIT, JACKSON COUNTY, MO

Sheet Name: WATER PLAN & PROFILE

STATE OF MISSOURI
KAREN L. ALLISON
NUMBER
PE-2023042571
PROFESSIONAL ENGINEER
2/13/25

Drawn By:	CNS
Checked By:	KLA
Date:	02/22/2024
Project#	722