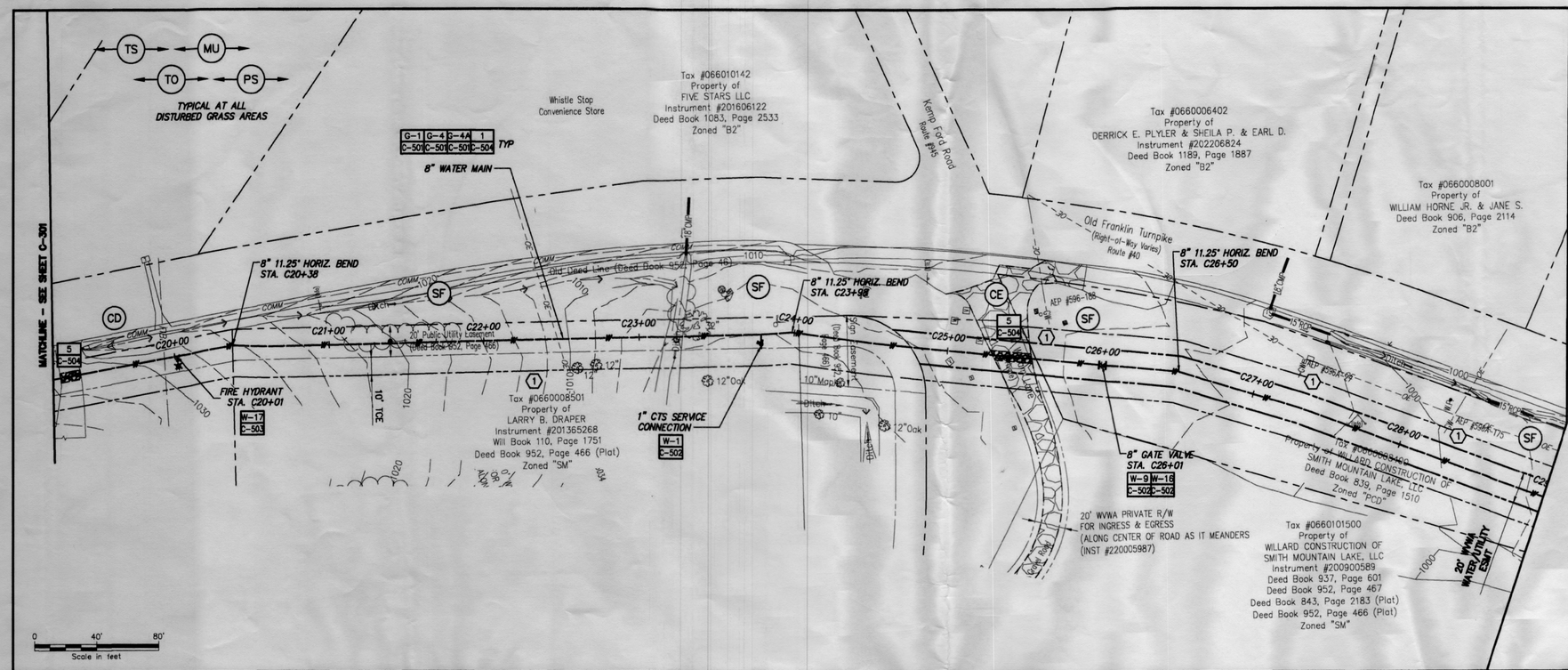

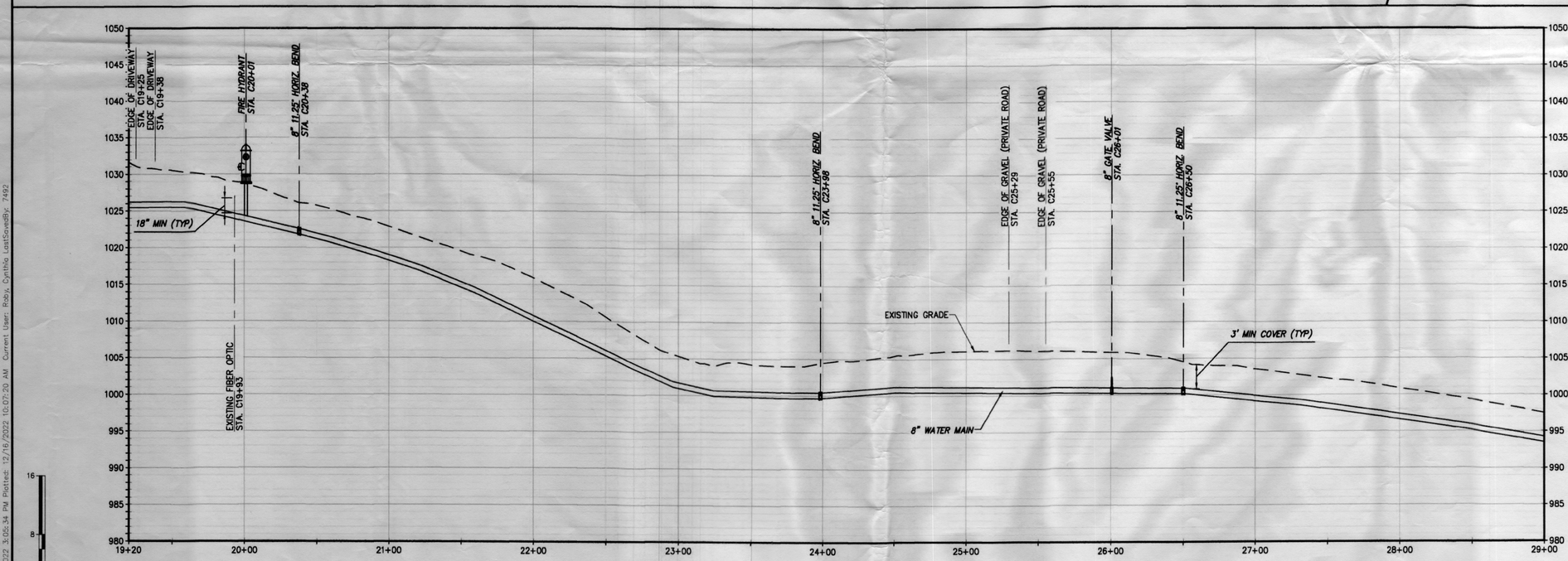

WATERMAIN PROFILE

SCALES:
H: 1" = 40'
V: 1" = 8'

GENERAL NOTES:

1. JOINT DEFLECTION SHALL BE LIMITED TO A MAXIMUM OF 5-DEGREES.
2. ELEVATIONS OF EXISTING UTILITIES ASSUMED. CONTRACTOR TO FIELD ADJUST PROPOSED WATER MAIN TO PROVIDE 3' MIN COVER AND 18" MIN VERTICAL SEPARATION AT NO COST TO OWNER. CONTRACTOR TO NOTIFY ENGINEER OF ANY CONFLICTS.
3. PROVIDE EXISTING UTILITIES AND MONITORING WELLS DURING WATER MAIN INSTALLATION AS NECESSARY.
4. WATERLINE MATERIAL MAY BE AWWA C151 DIP, AWWA C900 PVC OR AWWA C906 DR 11.

SHEET NOTES:

1. MAINTAIN A MINIMUM HORIZONTAL DISTANCE OF 20-FT FROM ALL APPALACHIAN POWER (AEP) STRUCTURES, AND A MINIMUM VERTICAL DISTANCE OF 20-FT FROM OVERHEAD POWER LINES WITH ALL CONSTRUCTION EQUIPMENT.

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WESTERN VIRGINIA WATER AUTHORITY

WESTERN VIRGINIA WATER AUTHORITY

COMMONWEALTH OF VIRGINIA
ERIC T. ANDERSON
Lic. No. 040813
12/16/2022
PROFESSIONAL ENGINEER

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL AFFIX TO THE ITEM THE PHRASE "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SOUTHLAKE WATER SYSTEM

CONTRACT 1: WATER TREATMENT PLANT

CONTRACT 2: WATER MAIN

No.	Submittal / Revision	App'd.	By	Date
0.	BID ISSUE	ETA	CDR	12/15/22

WATERMAIN PLAN AND PROFILE

Designed By:	Drawn By:	Checked By:
CDR	CDR	ETA
Issue Date:	Project No:	Scale:
12/15/22	073612	AS NOTED

Drawing No.:
C-302

File: V:\PROJECTS\AN\V6\073612.000\09_DESIGN\DRAWINGS\01_SHEETS\PHASE 2 - PROCESS\73612_C-30X.DWG
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