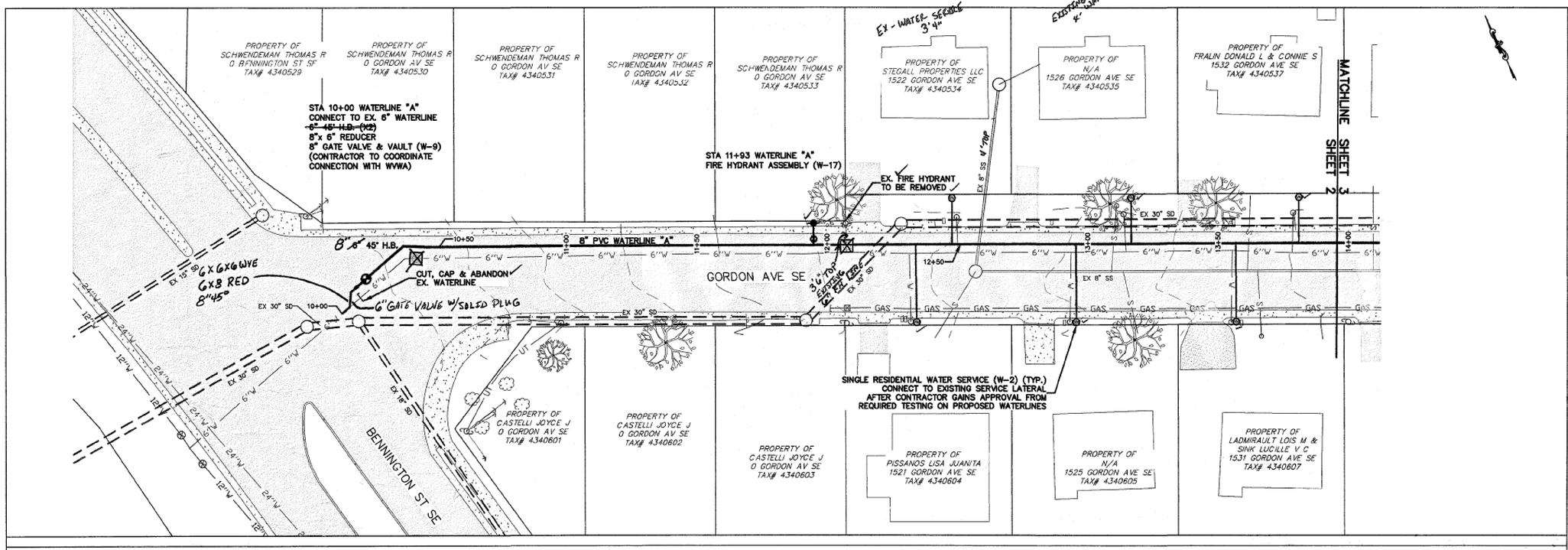
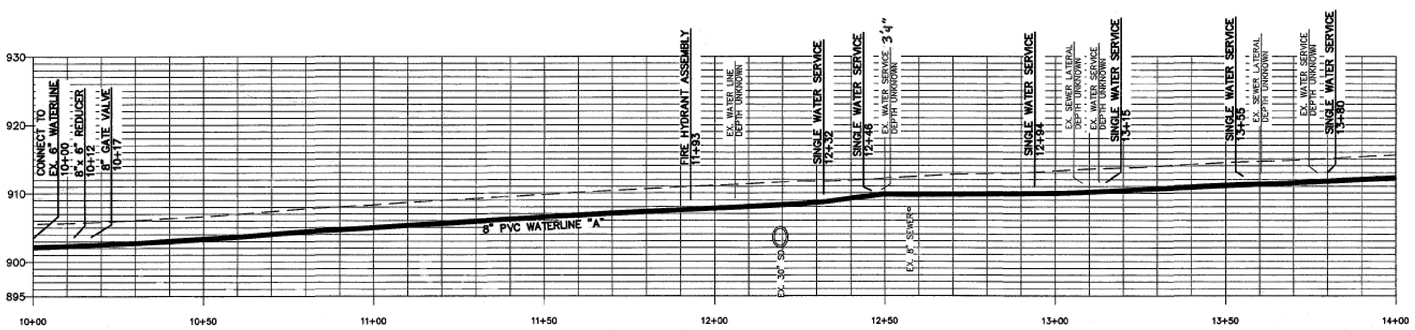


STA. 12+57 WATERLINE "A"
CONTRACTOR TO INSTALL WATERLINE WITH LESS THAN 3 FEET OF COVER IN ORDER TO MAINTAIN 18" OF VERTICAL SEPERATION BETWEEN THE BOTTOM OF THE NEW WATER MAIN AND THE TOP OF THE EXISTING SEWER MAIN.



WATERLINE "A"
SCALE
VERTICAL: 1"= 10'
HORIZONTAL: 1" = 20'

SURVEY NOTES:
1. ALL SURVEY FOR THIS PROJECT WAS CONDUCTED USING A COMBINATION OF TOTAL STATION AND RTK GPS EQUIPMENT. THE DATUMS USED FOR THE SURVEY ARE NAD83 & NAVD88. THE COORDINATE SYSTEM USED FOR THE SURVEY IS VIRGINIA STATE PLANE, SOUTH ZONE, US FOOT.
2. ALL SURVEY DATA'S GENERAL ACCURACY IS AS FOLLOWS:
   –HORIZONTAL ACCURACY: WITHIN 0.5' WITH OCCASIONAL EXCEPTION
   –VERTICAL ACCURACY: WITHIN 0.1' WHERE INFORMATION IS PROVIDED ON PLAN
3. CONTOUR DATA ON THIS PLAN IS GENERALLY ACCURATE TO WITHIN ±0.5' WHERE CONTOUR DATA IS PROVIDED.
4. THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT AND THEREFORE, THERE MAY EXIST ENCUMBERANCES NOT SHOWN HEREON.
5. WITH OCCASIONAL EXCEPTION, EDGE OF PAVEMENT, GRAVEL, CONCRETE, & BRICK ARE SHOWN BASED ON GEOREFERENCED AERIAL IMAGERY AND ARE TYPICALLY ACCURATE TO WITHIN 1.0'.
6. WITH OCCASIONAL EXCEPTION, EXISTING BUILDINGS SHOWN ARE BASED ON MUNICIPAL GIS DATA AND GEOREFERENCED AERIAL IMAGERY AND ARE TYPICALLY ACCURATE TO WITHIN 5.0'.
7. THIS PLAN DOES NOT GUARANTEE THE EXISTENCE, LOCATION, SIZE, MATERIAL OR TYPE OF ANY UNDERGROUND UTILITIES. ALL UNDERGROUND UTILITIES & STRUCTURES SHOWN ON THIS PLAN ARE SHOWN BASED ON SURVEYED ABOVE GROUND STRUCTURES, CCTV SURVEYS, AVAILABLE PUBLIC RECORDS AND BY UTILITY LINE LOCATION MARKINGS ESTABLISHED BY MISS UTILITY OF VIRGINIA TICKET # B929700808–00B. ALL UNDERGROUND UTILITY & STRUCTURE LOCATION SHOULD BE FIELD VERIFIED PRIOR TO THE START OF ANY CONSTRUCTION.

GENERAL NOTES:
1. **SEWER LATERALS SHOWN ARE BASED ON CCTV FOOTAGE. ADDITIONAL LATERALS & CONFLICTS SHALL BE INVESTIGATED BY CONTRACTOR PRIOR TO EXCAVATION.**
2. **PROPERTY LINES SHOWN ON THIS PAGE ARE BASED ON GIS DATA AND HAVE NOT BEEN FIELD SURVEYED.**
3. **ANY FIELD CHANGES THAT AFFECT A DESIGN STANDARD SHALL BE APPROVED BY THIS PLAN SETS ENGINEER OF RECORD.**

WESTERN VIRGINIA WATER AUTHORITY
ENGINEERING SERVICES
601 S JEFFERSON ST. SUITE 300
ROANOKE, VA 24011
540–853–5700

COMMONWEALTH OF VIRGINIA
JEFFREY W. ROGERS
Lic. No. 027009
02/13/2020
PROFESSIONAL ENGINEER

GORDON AVENUE WATERLINE REPLACEMENT

PLAN & PROFILE

Rev	Description	Date	By

Designed: AJC, DRJ
Drawn: AJC
Checked: DRJ
Approved: JWR
Date: FEB 2020
Project: WCIP

2
Sheet 2 of 8