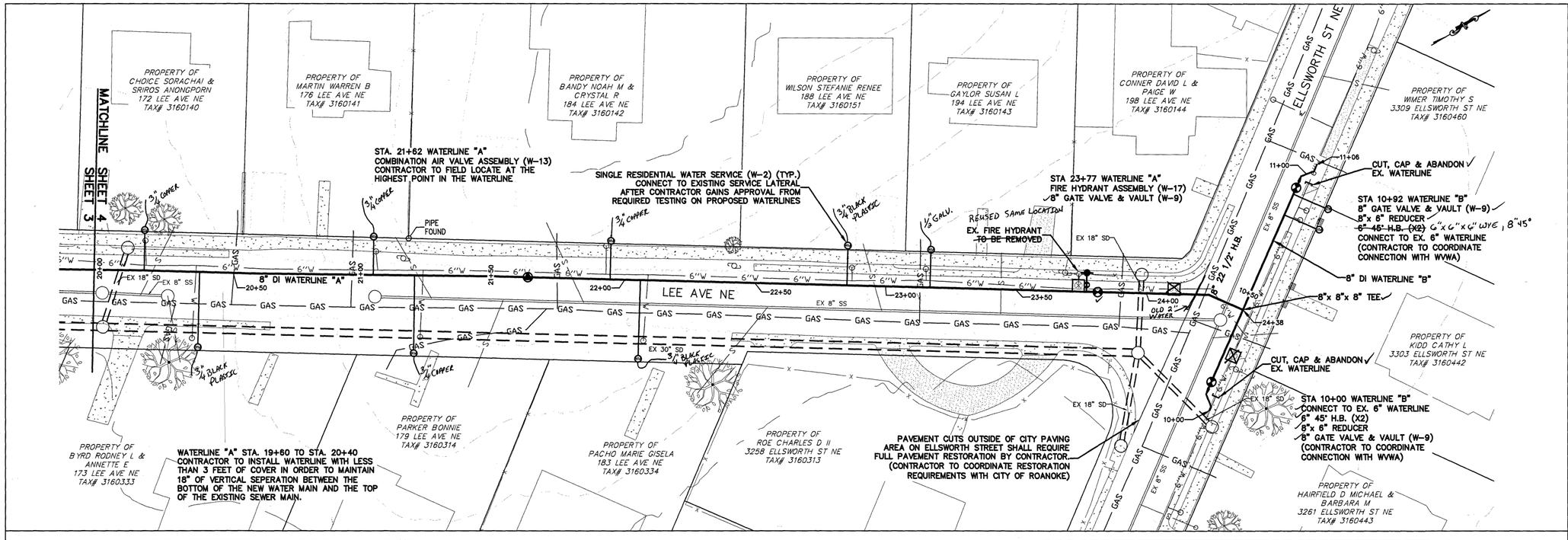
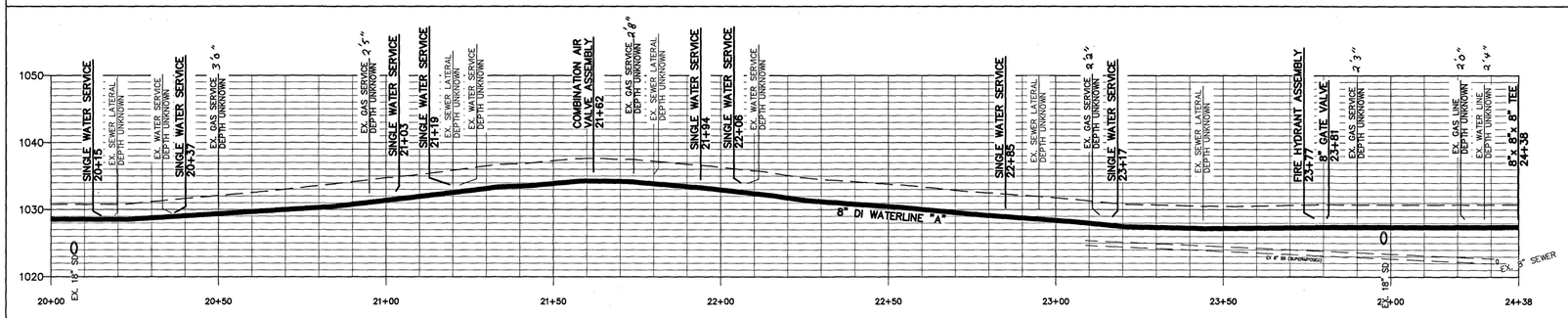
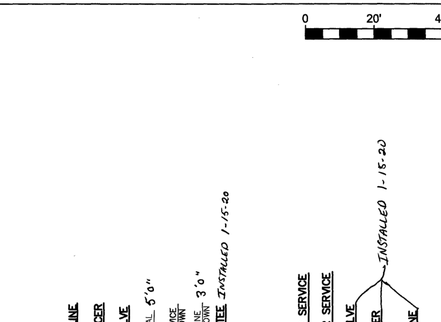




WATERLINE "A"

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



WATERLINE "B"

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. PROVIDED CONTOUR DATA IS GENERALLY ACCURATE TO WITHIN ±2' WITH LARGER DISCREPANCIES IN PLACES WITH EXISTING STEEP GRADES.
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. WITH OCCASIONAL EXCEPTION, PROPERTY LINES ON THIS PLAN ARE BASED ON GIS DATA AND HAVE NOT BEEN FIELD SURVEYED.
8. SEWER LATERALS SHOWN ON THIS PLAN ARE BASED ON CCTV FOOTAGE AND HAVE NOT BEEN FIELD SURVEYED EXCEPT IN CASES WHERE A CLEAN-OUT IS PRESENT. ADDITIONAL LATERALS & CONFLICTS SHALL BE INVESTIGATED BY CONTRACTOR PRIOR TO EXCAVATION.
9. 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 # B913600719-00B AND B913600723-00B. 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
IAN A. SMITH
Lic. No. 57410
12/11/19
PROFESSIONAL ENGINEER

LEE AVENUE WATERLINE REPLACEMENT

PLAN & PROFILE

Rev	Description	Date	By

Designed: AJC, NSS
Drawn: AJC
Checked: DRJ, IAS
Approved: IAS
Date: 12-11-19
Project: WCIP-333

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