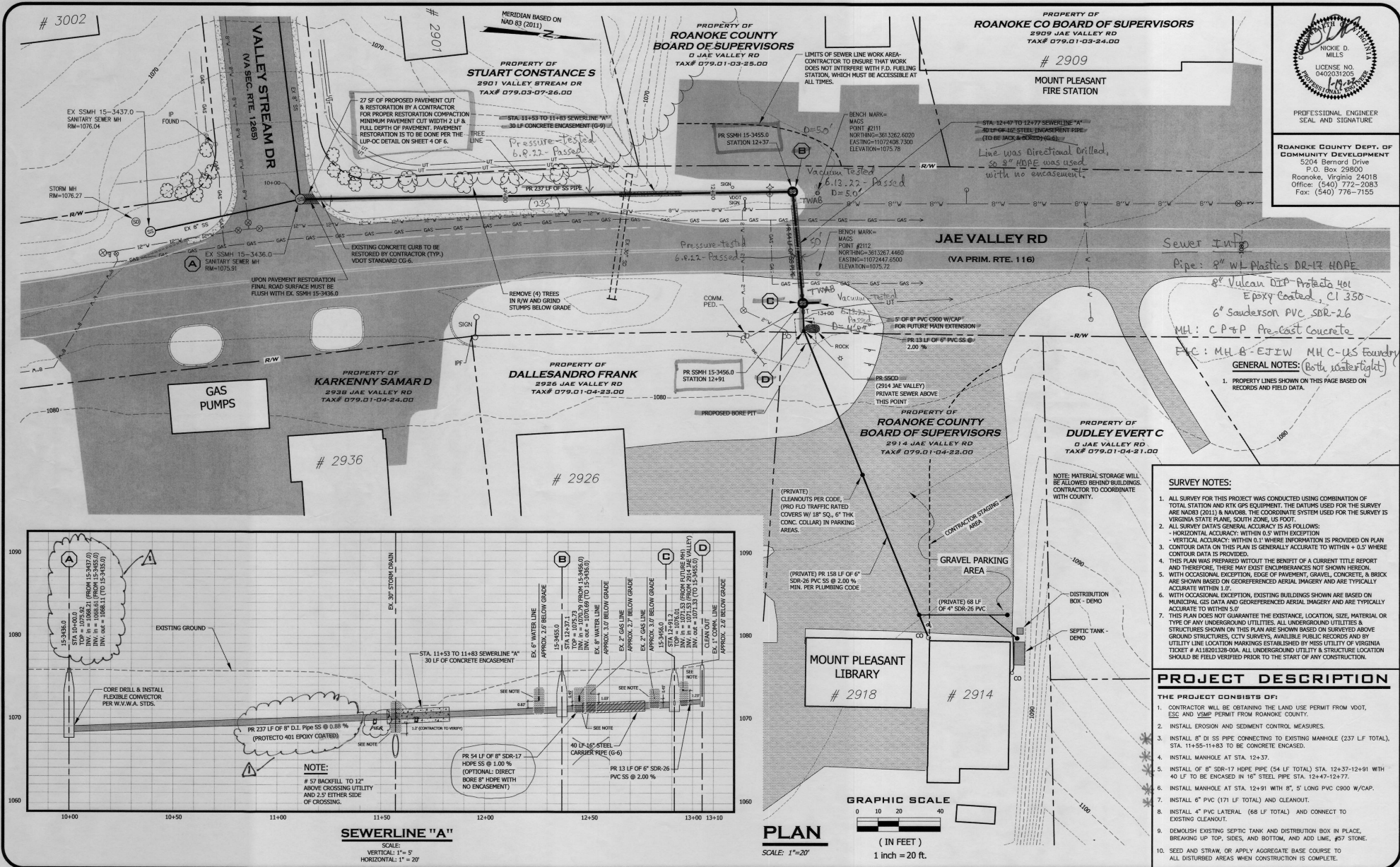


# 3002



DEPARTMENT OF  
DEVELOPMENT  
SERVICES

1	SEE PROFILE	1-8-22
2		
3		
4		
5		
6		
NO.	REVISIONS	DATE

## MOUNT PLEASANT LIBRARY SEWER EXTENSION

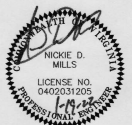
DATE: 1/19/2022  
SCALE: 1" = 20'  
DRAWING BY: BWE  
DESIGNED BY: NDM/BWE  
APPROVED BY: WWA



PLAN  
& PROFILE

SHEET  
2  
OF  
6

Inspector As-Built K. Winslow 7.11.22



PROFESSIONAL ENGINEER  
SEAL AND SIGNATURE

ROANOKE COUNTY DEPT. OF  
COMMUNITY DEVELOPMENT  
5204 Bernard Drive  
P.O. Box 29800  
Roanoke, Virginia 24018  
Office: (540) 772-2083  
Fax: (540) 776-7155

PROPERTY OF  
ROANOKE CO BOARD OF SUPERVISORS  
2909 JAE VALLEY RD  
TAX# 079.01-03-24.00

# 2909

MOUNT PLEASANT  
FIRE STATION

PROPERTY OF  
ROANOKE COUNTY  
BOARD OF SUPERVISORS  
C-1 JAE VALLEY RD  
TAX# 079.01-03-25.00

PROPERTY OF  
STUART CONSTANCE S  
2901 VALLEY STREAM DR  
TAX# 079.03-07-26.00

PROPERTY OF  
KARKENNY SAMAR D  
2938 JAE VALLEY RD  
TAX# 079.01-04-24.00

PROPERTY OF  
DALLESANDRO FRANK  
2938 JAE VALLEY RD  
TAX# 079.01-04-23.00

PROPERTY OF  
ROANOKE COUNTY  
BOARD OF SUPERVISORS  
2914 JAE VALLEY RD  
TAX# 079.01-04-22.00

PROPERTY OF  
DUDLEY EVERT C  
0 JAE VALLEY RD  
TAX# 079.01-04-21.00

Sewer Info

Pipe: 8" w/ Plastics DR-17 HDPE

8" Vulcan OIP Protecta 401

Epoxy Coated, CI 350

6" Souderson PVC SDR-26

MH: C P & P Pre-cast Concrete

E.C.: MH B-EJW MH C-US Foundry

GENERAL NOTES: (Both water/tight)

1. PROPERTY LINES SHOWN ON THIS PAGE BASED ON RECORDS AND FIELD DATA.

### SURVEY NOTES:

1. ALL SURVEY FOR THIS PROJECT WAS CONDUCTED USING COMBINATION OF TOTAL STATION AND RTK GPS EQUIPMENT. THE DATUMS USED FOR THE SURVEY ARE NAD83 (2011) & NAVD83. 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 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 ENCUMBRANCES NOT SHOWN HEREON.
5. WITH OCCASIONAL EXCEPTION, EDGE OF PAVEMENT, GRAVEL, CONCRETE, & BRICK ARE SHOWN BASED ON GROUND RESEARCHED AERIAL IMAGERY AND ARE TYPICALLY ACCURATE WITHIN 1.0'.
6. WITH OCCASIONAL EXCEPTION, EXISTING BUILDINGS SHOWN ARE BASED ON MUNICIPAL GIS DATA AND GROUND RESEARCHED AERIAL IMAGERY AND ARE TYPICALLY ACCURATE TO WITHIN 1.0'.
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, CITY SURVEYS, AVAILABLE PUBLIC RECORDS AND BY UTILITY LINE LOCATION MARKINGS ESTABLISHED BY MISS UTILITY OF VIRGINIA TICKET # A138201328-00A. ALL UNDERGROUND UTILITY & STRUCTURE LOCATION SHOULD BE FIELD VERIFIED PRIOR TO THE START OF ANY CONSTRUCTION.

### PROJECT DESCRIPTION

#### THE PROJECT CONSISTS OF:

1. CONTRACTOR WILL BE OBTAINING THE LAND USE PERMIT FROM VDOT, USE AND VSMZ PERMIT FROM ROANOKE COUNTY.
2. INSTALL EROSION AND SEDIMENT CONTROL MEASURES.
3. INSTALL 8" DI SS PIPE CONNECTING TO EXISTING MANHOLE (237 LF TOTAL), STA. 11+53 TO 11+53 TO BE CONCRETE ENCASED.
4. INSTALL MANHOLE AT STA. 12+37.
5. INSTALL 8" DR-17 HDPE PIPE (54 LF TOTAL) STA. 12+37 TO 12+91 WITH 40 LF TO BE ENCASED IN 16" STEEL PIPE STA. 12+47 TO 12+77.
6. INSTALL MANHOLE AT STA. 12+91 WITH 8", 5' LONG PVC C900 W/CAP.
7. INSTALL 6" PVC (171 LF TOTAL) AND CLEANOUT.
8. INSTALL 4" PVC LATERAL (66 LF TOTAL) AND CONNECT TO EXISTING CLEANOUT.
9. DEMOLISH EXISTING SEPTIC TANK AND DISTRIBUTION BOX IN PLACE, BREAKING UP TOP, SIDES, AND BOTTOM, AND ADD LIME, #57 STONE.
10. SEED AND STRAW, OR APPLY AGGREGATE BASE COURSE TO ALL DISTURBED AREAS WHEN CONSTRUCTION IS COMPLETE.