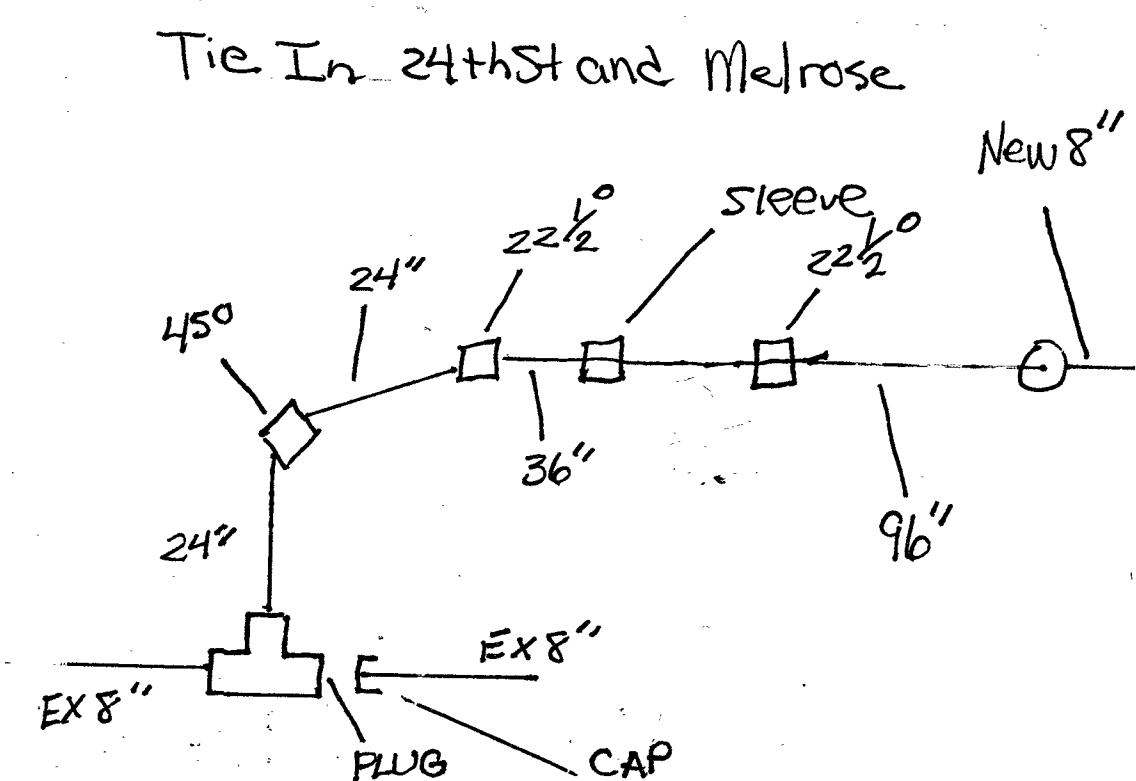
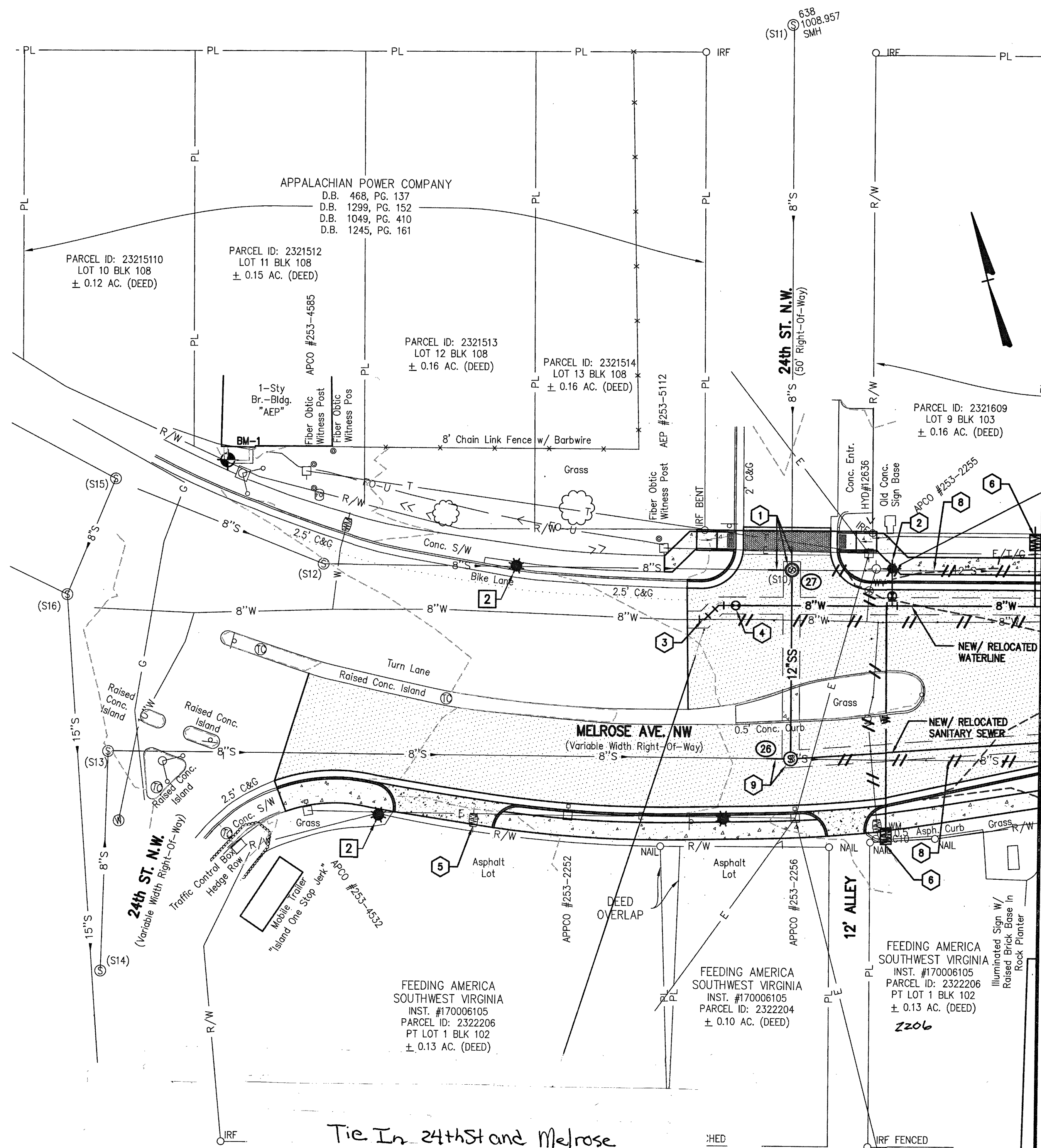




Not to Scale

KEYNOTES (GENERAL/UTILITY PLAN):

- 1 NEW STORM DRAINAGE SYSTEM - REFER TO SHEET C4.4 FOR NEW STORM DRAINAGE SYSTEM PROFILE AND STORM STRUCTURE DATA. NEW OPEN CUT OF PAVEMENT FOR INSTALLATIONS OF NEW STORM DRAINAGE SYSTEM. REFER TO DETAIL D1 SHOWN ON SHEET C4.5 FOR PIPE BEDDING AND PAVEMENT RESTORATION INFORMATION.
- 2 NEW STREET LIGHTS SHOWN FOR COORDINATION PURPOSES. REFER TO SHEET C7.1 THRU C7.3 FOR "POWER AND LIGHTING PLAN."
- 3 EXISTING SANITARY SEWER MANHOLE TOP FRAME AND LID (COVER) TO BE ADJUSTED TO BE SET FLUSH WITH NEW CONCRETE SIDEWALK AND/OR CONCRETE DRIVEWAY APRON.

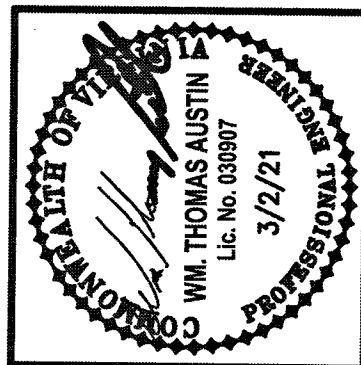
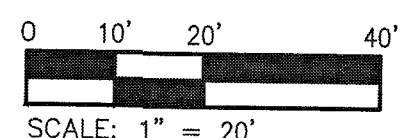
REFER TO SHEET C4.2 FOR GENERAL NOTES.
REFER TO SHEET C4.4 FOR STORM DRAIN PROFILES.
REFER TO SHEET C4.5 FOR STORM DRAIN DETAILS.
REFER TO SHEET C4.6 FOR SANITARY SEWER PROFILES.
REFER TO SHEET C4.7 FOR WATERLINE PROFILES.
REFER TO SHEET C4.8 FOR WATER AND SANITARY SEWER GENERAL NOTES.
REFER TO SHEETS C4.8 THRU C4.11 FOR SANITARY SEWER AND WATER DETAILS.

WATER/SEWER KEYNOTES:

- 1 REPLACE EXISTING SANITARY SEWER MANHOLE IN PLACE WITH NEW SANITARY MANHOLE (SEE WYWA DETAIL S-1). RE-CONNECT EXISTING SEWER LINES W/NEW 5" PVC PIPE.
- 2 NEW FIRE HYDRANT ASSEMBLY (SEE WYWA DETAIL W-17).
- 3 CONNECT TO EXISTING 8" WATERLINE. PROVIDE RESTRAINT.
- 4 NEW 8" GATE VALVE (SEE WYWA DETAIL W-9).
- 5 ADJUST EXISTING WATER METER BOX.
- 6 NEW 1" WATER SERVICE INSTALLATION (SEE WYWA DETAIL W-02).
- 7 ABANDON EXISTING 8" WATERLINE AND WATER SERVICE LINES. SEE "ABANDONMENT NOTES" ON SHEET C4.8.
- 8 ABANDON EXISTING 8" AND 12" SANITARY SEWER. SEE "ABANDONMENT NOTES" ON SHEET C4.8.
- 9 NEW SANITARY SEWER STRADDLE MANHOLE (SEE WYWA DETAIL S-2). RE-CONNECT EXISTING SEWER LINES W/NEW 5" PVC PIPE.

UTILITY LEGEND:

- | | |
|--|--|
| | GAS METER |
| | WATER METER |
| | SANITARY SEWER LINE/
LATERAL W/CLEANOUT |
| | 12" S
SANITARY SEWER MAIN (SIZE AS INDICATED) |
| | (26)
SANITARY SEWER MANHOLE NUMBER |
| | (S)
SANITARY SEWER MANHOLE |
| | 4" W
WATER LINE (SIZE AS INDICATED) |
| | AREA OF OPEN CUT IN PAVEMENT |
| | STREET LIGHT - SHOWN FOR REFERENCE ONLY |
| | FIRE HYDRANT |
| | GATE VALVE |
| | (13)
SD MANHOLE NUMBER/STRUCTURE NUMBER |
| | STORM DRAIN MANHOLE |
| | STORM DRAIN INLET |
| | 18" SD
STORM DRAIN LINE |
| | // // W // //
REMOVE OR ABANDON IN-PLACE (AS NOTED) |



Date	
Revisions	

Issue Date:	MARCH 2, 2021
Drawn By:	ARB
Designed By:	ARB
Checked By:	WTA
Date:	3/2/21



MELROSE AVE. STREETSCAPE IMPROVEMENTS -
22ND TO 24TH ST.
UTILITY AND STORM DRAINAGE PLAN -
AREA 'A'
ROANOKE, VIRGINIA

Vertical Scale:
N/A

Horizontal Scale:
1" = 20'

Commission Number:
4049

Sheet No.:

C4.1