STORM SEWER INVERTS

D1: INLET W/MANHOLE
TOP = 933.55'
INVO 12" RCP = 928.85'

D2: MANHOLE
TOP = 933.61'
INVIN 10" RCP = 930.31'
INVIN 12" RCP = 928.71'
INVIN 12" RCP = 928.61'
INVO 12" RCP = 928.41'

D3: INLET W/MANHOLE
TOP = 933.76'
INVO 12" RCP = 928.66'

D4: MANHOLE
TOP = 937.28'
INVIN 12" RCP = 927.93'
INVIN 12" RCP = 928.13'
INVO 15: RCP = 927.63'

*APPARENT CONNECTION BETWEEN
D4 AND D6 NOT VISIBLE AT TIME OF SURVEY. PIPES DRAWN IN FOR ESTIMATED DIRECTION ONLY BASED ON OBSERVATION IN FIELD.*

EX. MANHOLE PER PLANS, CONTRACTOR TO VERIFY ELEVATIONS & INVERTS IN FIELD, APPROXIMATE INVERTS & ELEVATIONS BASED ON CONSTANT GRADE FROM D4-D-5.
TOP: 931.35
INVIN 15" RCP = 924.78
INVO 15" RCP = 924.78

D5: MANHOLE
TOP = 929.57'
INVIN 15" RCP = 921.97'
INVIN 12" METAL = 922.17'
INVO 15" RCP = 921.97'

8 : 45° ELBOW TO EX. #9
INV:±921 (BASED ON CONTRACTORS FINDINGS)

9 : EX. STRUCTURE NOT SHOT IN FIELD. PER GIS:
TOP: 920.15
INVIN 15" RCP: 913.31
INVO 15" RCP: 913.21

10 : EX. STRUCTURE NOT SHOT IN FIELD. PER GIS:
TOP: 920.13
INVIN 15" RCP: 912.67

D6: GRATE INLET
TOP = 929.88'
INVIN 12" METAL = 922.68'
INVO 12" METAL = 922.48'

D7: MANHOLE
TOP = 930.97
INVIN 8" METAL = 926.47"
INVIN 12" METAL = 925.07'
INVO 12" METAL = 925.07'

D8: MANHOLE
TOP = 931.16'
INVIN 8" PVC = 926.36'
INVIN 12 " RCP = 926.36'
INVO 12" METAL = 926.36'

D9: GRATE INLET
TOP = 930.11
INVO 12 " RCP = 926.81'

D10: INLET W/MANHOLE
TOP = 943.85'
2X INVIN 10" PVC = 937.35'
INVIN 15" RCP = 937.85'
INVO 15" RCP = 937.25'

*PVC PIPE RUNS FROM D10 TO D11
D10 = 2X 10"
D11 = 1X 10"*

D11: GRATE INLET
TOP = 941.36'
1X INVO 10" PVC = 939.48'

D12: GRATE INLET
TOP = 945.09'
INVIN 6" PVC = 941.99'
INVO 6" PVC = 941.99'

D13: GRATE INLET
TOP = 946.14'
INVIN 6" PVC = 942.89'
INVO 6" PVC = 942.74'

D14: INLET W/MANHOLE
TOP = 945.21'
INVO 12" RCP = 940.06'

D15: INLET W/MANHOLE
TOP = 944.60'
INVIN 12" RCP = 939.44'
INVO 15" RCP = 939.44'

D16: INLET W/MANHOLE
TOP = 945.81'
INVIN 15" RCP = 938.76'
INVIN 15" RCP = 938.76'
INVO 15" RCP = 938.71'

D17: GRATE INLET
TOP = 943.95'
INVO 15" RCP = 941.00'

D18: INLET W/MANHOLE
TOP = 947.53'
INVO 15" RCP = 941.73'

D19: MANHOLE
TOP = 947.63'
INVIN 15" RCP = 942.08'
INVO 15" RCP = 942.03'

D20: INLET W/MANHOLE
TOP = 946.35'
INVIN 15" RCP = 941.94'
INVO 15" RCP = 941.84'

D21: PIPE END BURIED IN RIP-RAP
INVO 15" RCP = ±941.2'

D22: MANHOLE
TOP = 948.04'
INVIN 4" METAL = 944.39'
INVIN 6" METAL = 942.79'
INVIN 6" PVC = 944.39'
INVO 15" RCP = 940.79'

D23: MANHOLE
TOP = 947.55'
INVIN 6" PVC = 943.55'
INVIN 15" RCP = 940.65'
INVO 15" RCP = 940.60'

*APPARENT CONNECTION BETWEEN
D23 AND D24 NOT VISIBLE AT TIME OF SURVEY. PIPES DRAWN IN FOR ESTIMATED DIRECTION ONLY BASED ON OBSERVATION IN FIELD.*

D24: MANHOLE
TOP = ±937.8'
INVIN 15" RCP = ±930.2'
INVO 15" RCP = ±930.2'

D25: INLET W/MANHOLE
TOP = 932.17'
INVIN 15" RCP = 929.57'
INVO 15" RCP = 929.47'

D26: INLET W/MANHOLE
TOP: 934.48'
INVO 12" METAL = 931.43'

D27: INLET W/MANHOLE
TOP = 935.36'
INVIN 12" METAL = 931.46'
INVO 15" RCP = 931.51'

D28: MANHOLE
TOP = 937.50'
INVIN 15" RCP = 930.35'
INVIN 15" RCP = 930.10'
INVO 15" RCP = 930.10'

D29: MANHOLE
TOP = 942.47'
INVIN 15" RCP = 935.72'
INVIN 15" RCP = 931.32'
INVO 15" RCP = 931.17'

D30: INLET W/MANHOLE
TOP = 942.19'
INVIN 15" RCP = 932.99'
INVO 15" RCP = 931.64'

D31: INLET W/MANHOLE
TOP = 944.42'
INVIN 15" RCP = 937.27
INVO 15" RCP = 937.07'

D32: MANHOLE
TOP = 941.05'
INVIN 15" RCP = 934.40'
INVIN 15" RCP = 934.35'
INVO 15" RCP = 934.35'

D33: INLET W/MANHOLE
TOP = 941.48'
INVO 15" RCP = 935.13'

D34: STORM/MANHOLE
TOP = 921.64'
INVIN 12" RCP = 917.94'
INVO 18" (2) RCP = 917.94'

D35: STORM/MANHOLE
TOP = 921.47'
INVIN 18" RCP = 916.07'
INVIN 18" RCP = 917.17'
INVO 36" RCP = 915.97'

ALL PIPE ENDS NOT DRAWN TO A SPECIFIC MANHOLE/STRUCTURE ARE FOR APPROXIMATE DIRECTION ONLY, BASED ON FIELD OBSERVATIONS

EXISTING SANITARY STRUCTURES

S1: MANHOLE
TOP = 937.50'
INVIN 8" METAL = 929.30'
INVO 12" METAL = 922.70'

S2: MANHOLE
TOP = 931.36'
INVIN 12" METAL = 923.06'
INVIN 8" METAL = 924.06'
INVO 12" METAL = 923.26'

S3: MANHOLE
TOP = 929.28'
INVIN 6" PVC = 921.38'
INVIN 12" METAL = 919.78'
INVO 12" METAL = 919.58'

S4: MANHOLE
TOP = 944.90'
INVIN 8" METAL = 932.85'
INVO 8" METAL = 932.55'

S5: MANHOLE
TOP = 946.73'
INVIN 8" PVC = 939.38'
INVO 10" PVC = 939.03'

ALL PIPE ENDS NOT DRAWN TO A SPECIFIC MANHOLE/STRUCTURE ARE FOR APPROXIMATE DIRECTION ONLY, BASED ON FIELD OBSERVATIONS

CURVE TABLE

CURVE #	LENGTH	RADIUS	TANGENT	DELTA	CHORD DIRECTION	CHORD LENGTH
C1	282.14'	4397.18'	141.12'	3°40'35"	N 8°08'10" W	282.09'
C2	54.64'	195.00'	27.50'	16°03'20"	N 16°24'57" E	54.46'
C3	189.30'	195.00'	102.86'	55°37'14"	N 19°35'08" W	181.95'
C4	118.44'	195.00'	61.11'	34°48'05"	N 85°15'43" W	116.63'
C5	21.75'	440.00'	10.88'	2°49'57"	N 39°24'28" E	21.75'
C6	18.87'	20.00'	10.20'	54°03'56"	N 65°01'53" E	18.18'
C7	17.48'	15.00'	9.89'	66°46'47"	S 35°27'09" W	16.51'
C8	332.21'	919.93'	167.94'	20°41'28"	S 79°11'31" W	330.41'

LINE TABLE

LINE #	DIRECTION	LENGTH
L1	N 70°50'32" E	79.16'
L2	N 70°42'19" E	58.95'
L3	N 48°44'19" E	132.83'
L4	N 57°35'43" W	69.26'
L5	N 32°06'17" E	56.55'
L6	N 36°06'17" E	124.10'
L7	N 49°10'33" W	1.00'
L8	N 40°49'27" E	427.01'
L9	S 87°55'43" E	17.47'
L10	S 2°04'17" W	200.00'
L11	S 47°04'17" W	35.36'
L12	S 2°04'17" W	383.00'
L13	S 2°13'46" W	112.50'
L14	S 2°04'49" W	242.47'
L15	S 2°03'33" W	141.78'

FIELD REVISION #1

1. UPDATED EXISTING STORM SEWER RUN FROM D4 TO 10 & SANITARY SEWER RUN S1-S3 BASED ON FIELD OBSERVATION & PREVIOUS SURVEY.
2. CONTACTOR TO VERIFY WITH ENGINEER CONNECTION TO "EX" IN PHASE IV OF CONSTRUCTION.

LEGEND:

- DEEDED CORNER
- HIGHWAY MONUMENT FOUND
- BORE HOLE
- LIGHT POLE
- SINGLE POLE SIGN
- SANITARY SEWER MANHOLE
- ELECTRIC MANHOLE
- STORM SEWER MANHOLE
- GAS VALVE
- GAS METER
- WATER METER
- ELECTRIC BOX
- HANDICAP PARKING
- BOLLARD
- CLEAN OUT
- FIRE HYDRANT
- TREE
- COMMUNICATIONS MANHOLE
- -SAN- SANITARY SEWER LINE
- -GAS- GAS LINE
- -W- WATER LINE
- -E- UNDERGROUND ELECTRIC
- -OHW- OVERHEAD WIRES
- UTILITY POLE
- STORM SEWER
- -X- FENCE
- COMMUNICATIONS BOX
- -UT- UNDERGROUND COMMUNICATIONS
- WATER VALVE

GENERAL NOTES:

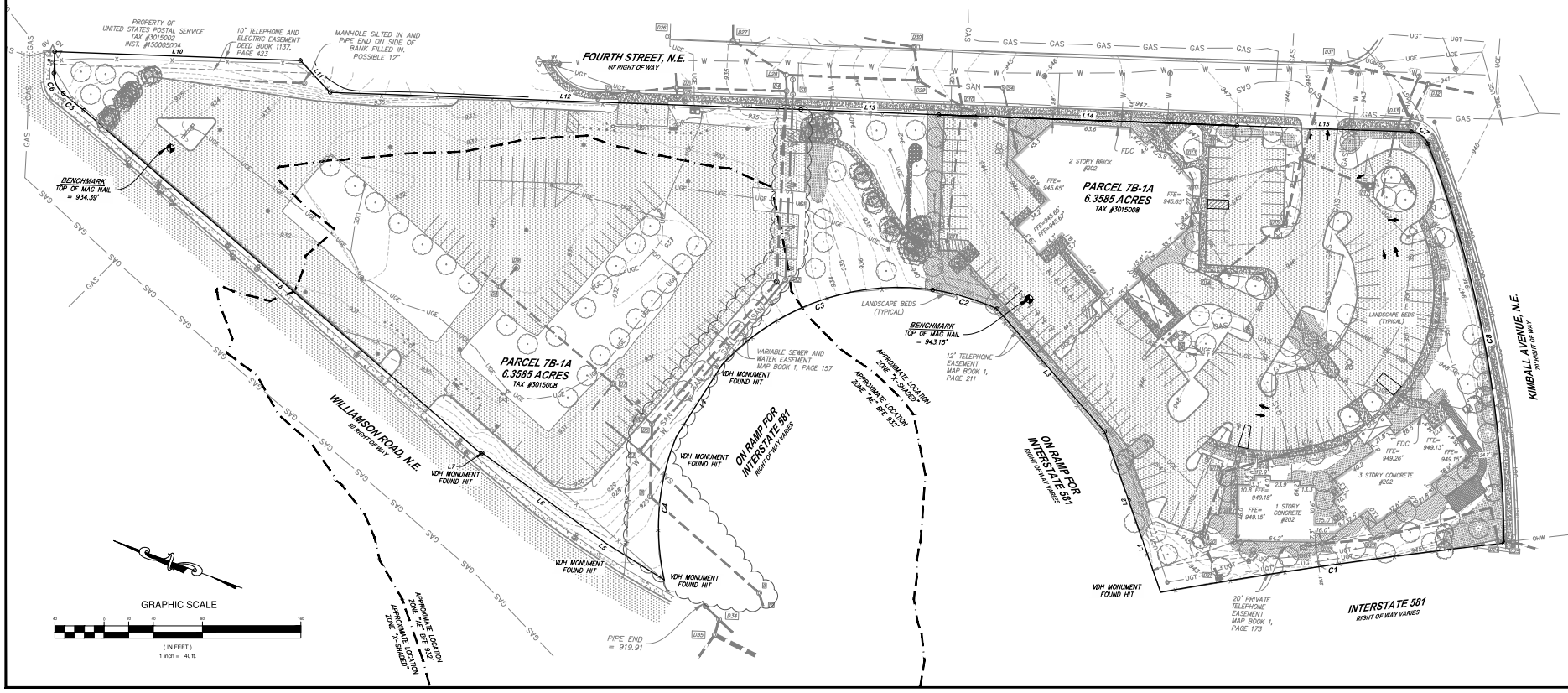
1. THIS PLAT WAS PREPARED WITHOUT BENEFIT OF A TITLE REPORT AND IS SUBJECT THERETO. THEREFORE, THERE MAY EXIST ENCUMBRANCES WHICH AFFECT THE PROPERTY NOT SHOWN HEREON.
2. THE SUBJECT PROPERTY IS WITHIN THE LIMITS OF ZONE "X-UNSHADED", "X-SHADED", & "AE" AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAPS 51161C0168 G, EFFECTIVE DATE OF SEPTEMBER 28, 2007. THIS DETERMINATION IS BASED ON SAID MAP AND HAS NOT BEEN VERIFIED BY ACTUAL FIELD ELEVATIONS.

TOPOGRAPHY CERTIFICATION:

THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF ALAN CLEMONS, FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THAT THE IMAGERY AND/OR ORIGINAL DATA WAS OBTAINED APRIL, 2020 AND THAT THIS PLAT, MAP OR DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS THE MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.

UTILITY NOTE:

THE UTILITIES SHOWN HEREON BY PARKER DESIGN GROUP ARE BASED ON FIELD LOCATION OF OBSERVED EVIDENCE OF UTILITIES, MARKINGS MADE BY MISS UTILITY TICKET #A010801565-00A, FILES RECEIVED FROM ROANOKE GAS COMPANY, MARKINGS MADE BY SAVE A UTILITY, AND RECORDS AVAILABLE AT TIME OF SURVEY. REMARKING OF UTILITIES AND VERIFICATION ARE SUGGESTED BEFORE ANY POSSIBLE EARTH WORK IS PERFORMED.



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MEMBER ONE FEDERAL CREDIT UNION FIELD REVISION #1

202 4TH STREET, NE
CITY OF ROANOKE, VIRGINIA

REVISIONS

1ST REVIEW COMMENTS JANUARY 28, 2021
2ND REVIEW COMMENTS FEBRUARY 26, 2021
FIELD REVISION #1 JULY 08, 2021

DESIGNED BY: PDG
DRAWN BY: CEP / JMD
CHECKED BY: JDE
SCALE: 1" = 40'
DATE: NOVEMBER 09, 2020
PROJECT NUMBER: 19-0135
SHEET TITLE: EXISTING CONDITIONS

C04