

SANITARY SEWER NOTES:

1. G.C. SHALL VERIFY THE DEPTH OF THE EXISTING SANITARY SEWER LATERAL CONNECTION POINT PRIOR TO ANY BUILDING, STORM, OR SANITARY SEWER CONSTRUCTION.

GRADING NOTES:

1. NO CONSTRUCTION/FIELD CHANGES WITHOUT THE APPROVAL OF THE CONSULTING ENGINEER AND CITY OF ROANOKE PLANNING, BUILDING, AND DEVELOPMENT DEPARTMENT.
2. CONTRACTOR TO ENSURE POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES.
3. ALL YARD SWALES SHALL TRANSITION INTO SHEET FLOW WHERE APPLICABLE.
4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES WITH EXISTING UTILITIES ARE LOCATED DURING THE GRADING PROCESS FOR THE SITE.
5. ANY 5' CONCRETE PUBLIC SIDEWALK REPLACED ALONG DALE AVENUE AS A RESULT OF THE CONCRETE ENTRANCE CONSTRUCTION SHALL HAVE A 2% CROSS SLOPE TOWARDS THE EXISTING ROADWAY
6. G.C. TO COMPLY WITH ALL O.S.H.A. STANDARDS AND REGULATIONS DURING ALL UTILITY CONSTRUCTION.
7. ALL HANDICAP PARKING, ACCESS DRIVES, AND RAMPS SHALL CONFORM TO THE MOST CURRENT EDITION OF THE A.D.A. REGULATIONS.
8. G.C. SHALL ENSURE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS.

EXISTING STORM STRUCTURE SCHEDULE:

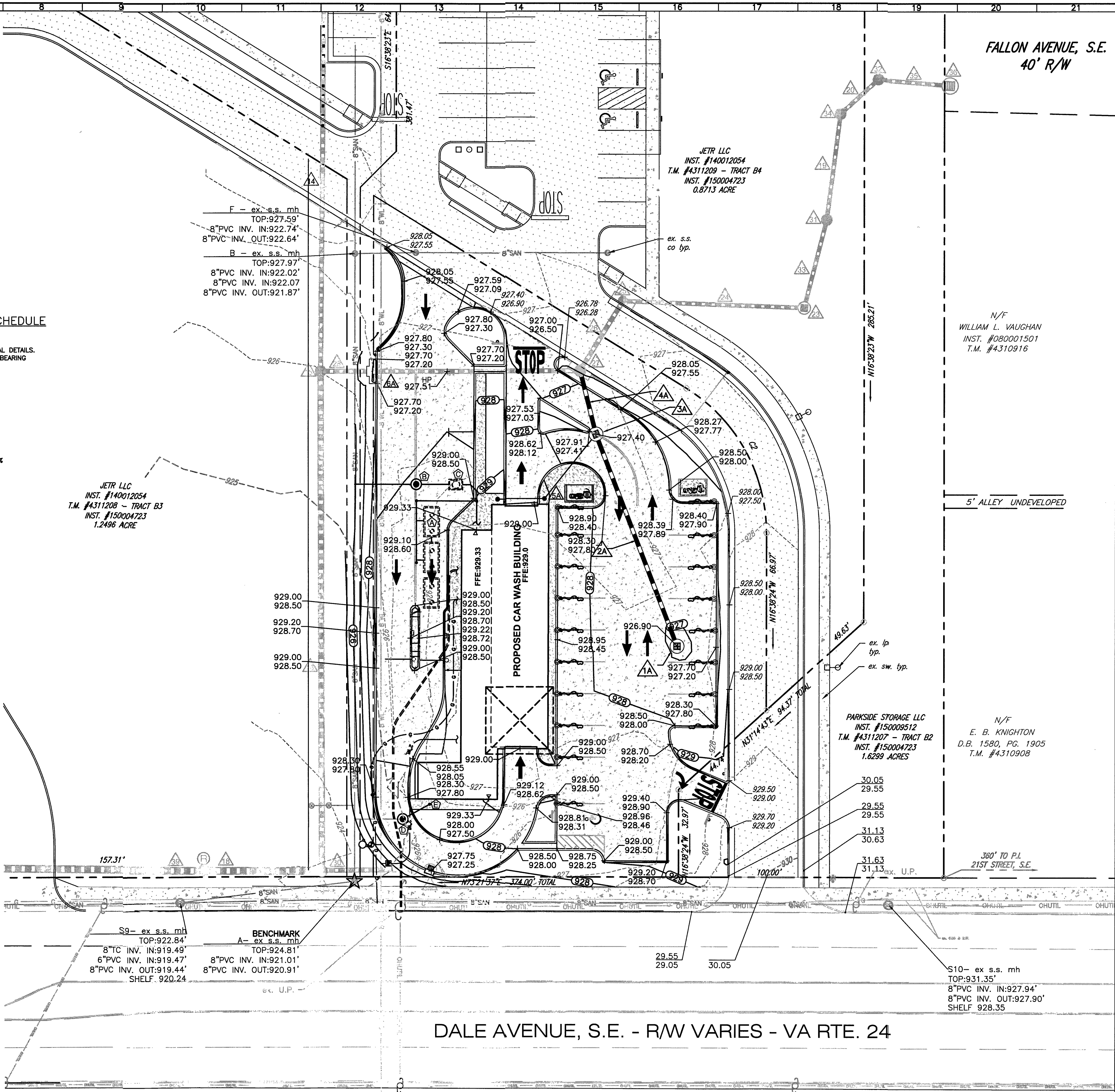
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| △ GRATE INLET
TOP=927.95
INV. OUT=925.25 | △ 25 CURB INLET
(8' THROAT)
TOP=926.80
INV. IN=921.45
INV. OUT=921.35 |
| △ 90.5 LF OF 15"HDPE @ 0.61% | △ 26 31.0 LF OF 15"HDPE @ 0.65% |
| △ GRATE INLET W/1/2" STEEL PLATE
TOP=928.10
INV. IN=924.70 (#2)
INV. IN=925.10 (#37)
INV. OUT=924.70 | △ 27 CURB INLET
(8' THROAT)
TOP=926.85
INV. IN=921.15
INV. OUT=920.90
NEW INV. IN=921.70 |
| △ 77.5 LF OF 15"HDPE @ 1.48% | △ 28 97.9 LF OF 15"HDPE @
HDPE AT 0.92% |
| △ GRATE INLET
TOP=928.05
INV. IN=923.55
INV. OUT=923.45 | △ 29 GRATE INLET CONVERT TO DI-2A INLET
TOP=925.22 NEW TOP=927.75
INV. OUT=919.17 |
| △ 113.8 LF OF 24"HDPE @ 0.50% | △ 30 41 LF OF 15"HDPE @ 0.54% |
| △ STORM MANHOLE
TOP=929.10
INV. IN=922.88
INV. OUT=922.78 | △ 31 STORM MANHOLE
TOP=930.36
INV. IN=927.76
INV. OUT=927.76 |
| △ 77 LF OF 24"HDPE @ 0.68% | △ 32 STORM MANHOLE
TOP=930.00
INV. IN=944.35
INV. OUT=943.10 |
| △ CURB INLET
TOP=927.52
INV. OUT=921.12 | △ 33 34.1 LF OF 15"HDPE @ 15.60% |
| △ 147.6 LF OF 15"HDPE @ 0.76% | △ 34 STORM MANHOLE
W/1/2" STEEL PLATE
TOP=936.55
INV. IN=930.90
INV. OUT=929.65 |
| △ STORM MANHOLE
TOP=925.70
INV. IN=920.00 (STRUCTURE 14)
INV. IN=920.00 (STRUCTURE 28)
INV. OUT=919.90 | △ 35 26.9 LF OF 15"PVC @ 58.18% |
| △ 188.9 LF OF 24"HDPE @ 0.50% | △ 36 GRATE INLET
TOP=962.25
INV. IN=918.95
INV. OUT=960.0 |
| △ STORM MANHOLE
TOP=924.03
INV. IN=918.95 (STRUCTURE 16)
INV. IN=918.95 (STRUCTURE 30)
INV. OUT=918.75 | △ 37 57 LF OF 18"HDPE @ 70.7% |
| △ 45.0 LF OF 24"HDPE @ 0.76% | △ 38 CURB INLET
TOP=920.33
INV. IN=914.84
INV. OUT=914.77 |
| △ 40.3 LF OF NEW 15"PVC PIPE @ 4.69% | △ 39 STORM MANHOLE
TOP=923.66
24"HDPE INV. IN=918.41
24"HDPE INV. OUT=918.36 |
| △ 19.3 LF OF NEW 15"PVC PIPE @ 63.20% | △ 40 68.7 LF OF 15"HDPE @ 1.30% |

PROPOSED SANITARY SEWER SCHEDULE

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| △ RECLAIM TANK SYSTEM - 3 TANKS
SEE ARCH/SONNY'S DRAWINGS FOR ADDITIONAL DETAILS.
ALL MANHOLE/C.O. TOPS SHALL BE TRAFFIC BEARING
AND SET FLUSH W/F.G. | △ S.S. SAMPLING MANHOLE
TOP=927.9
INV. IN=923.0
INV. IN=923.0
INV. OUT=922.9 |
| △ 750 GALLON OIL/WATER SEP.
(SPECIFIC ON SONNY'S DRAWINGS)
TOP=928.2
INV. IN=924.2 | △ 11 LF OF 6" PVC OF SCH. 80 PVC AT 10.9% |
| △ 22 LF OF 6" PVC SDR-35 AT 6.1%
INV. OUT=921.55 | △ S.S. SAMPLING MANHOLE
TOP=927.71
INV. IN=921.55 (B)
INV. IN=921.55 (D)
INV. OUT=921.45 |
| △ 18 LF OF 6" SDR-35 AT 2.08% | △ S.S. CO (TRAFFIC BEARING)
TOP=929.20
INV. IN=921.67 |
| △ 12 LF OF 6" SDR-35 AT 1.00% | |

STORM STRUCTURE SCHEDULE:

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| △ VDOT STD DI-1
TOP=926.9
INV. OUT=922.9 | △ 86 LF OF 15" TYPE S
HDPE PIPE AT 0.96% |
| △ VDOT STD DI-1
TOP=927.4
INV. IN=922.08 (#2A)
INV. IN=924.5 (#5)
INV. OUT=921.96 | △ 25 LF OF 15" TYPE S
HDPE PIPE AT 1.14% (EX - #27) |
| △ BLDG. ROOFLEADER SYSTEM
2 TRAFFIC BEARING CLEANOUTS
50 LF OF 8" SCH. 40 PVC
PIPE AT MIN. SLOPE 2%
C.C. SHALL PROVIDE A HARD BOOT
CONNECTION FROM DOWNSPOUTS
TO UNDERGROUND ROOFLEADER
SYSTEM | △ VDOT STD DI-3C (6' THROAT)
TOP=927.7
INV. IN=920.18
INV. OUT=920.08 |



* WORK IN THE PUBLIC RIGHT OF WAY AREA SHALL *
BE PERFORMED PER THE CITY OF ROANOKE
RIGHT OF WAY EXCAVATION &
RESTORATION STD'S. G.C. SHALL OBTAIN A R.O.W.
EXCAVATION PERMIT PRIOR TO ANY WORK WITHIN THE
PUBLIC RIGHT OF WAY