

FIRE HYDRANT RELOCATION NOTE

THE EXISTING FIRE HYDRANT ASSEMBLY WAS RELOCATED TO THE SOUTHERN EDGE OF THE EXISTING CONCRETE WALK AS A PART OF THE SOIL EROSION CONTROL PLAN EXECUTION. IT IS THE BUILDING CONTRACTOR'S RESPONSIBILITY TO REPLACE THE PUBLIC CONCRETE SIDEWALK. SEE PLAN SHEET C-02 FOR LIMITS OF NEW SIDEWALK.

WATER METER REMOVAL NOTE

THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ROANOKE WATER AND SEWER DEPARTMENT FOR THE REMOVAL OF THE EXISTING WATER METER BOXES IN THE SIDEWALK ON THE SOUTHERN SIDE OF SALEM AVENUE, ADJOINING THE SUBJECT PROPERTY. IT IS EXPECTED THAT THE CITY WILL REMOVE THESE METER BOXES AND PLUG OR CAP ANY ASSOCIATED WATER LATERALS AT THE PROPERTY LINE.

NEW WATER SERVICE NOTES

ALL NEW SITE WATERLINE PIPING, FITTINGS, ETC. MAY BE EITHER DR-14 POLYVINYL CHLORIDE, OR CLASS 50 DUCTILE IRON. MATERIALS, INSTALLATION, AND TESTING SHALL CONFORM TO CITY OF ROANOKE STANDARDS AND SPECIFICATIONS. ALL WATER VAULTS SHALL BE TRAFFIC BEARING, IN ACCORDANCE WITH CITY OF ROANOKE WATER STANDARDS.

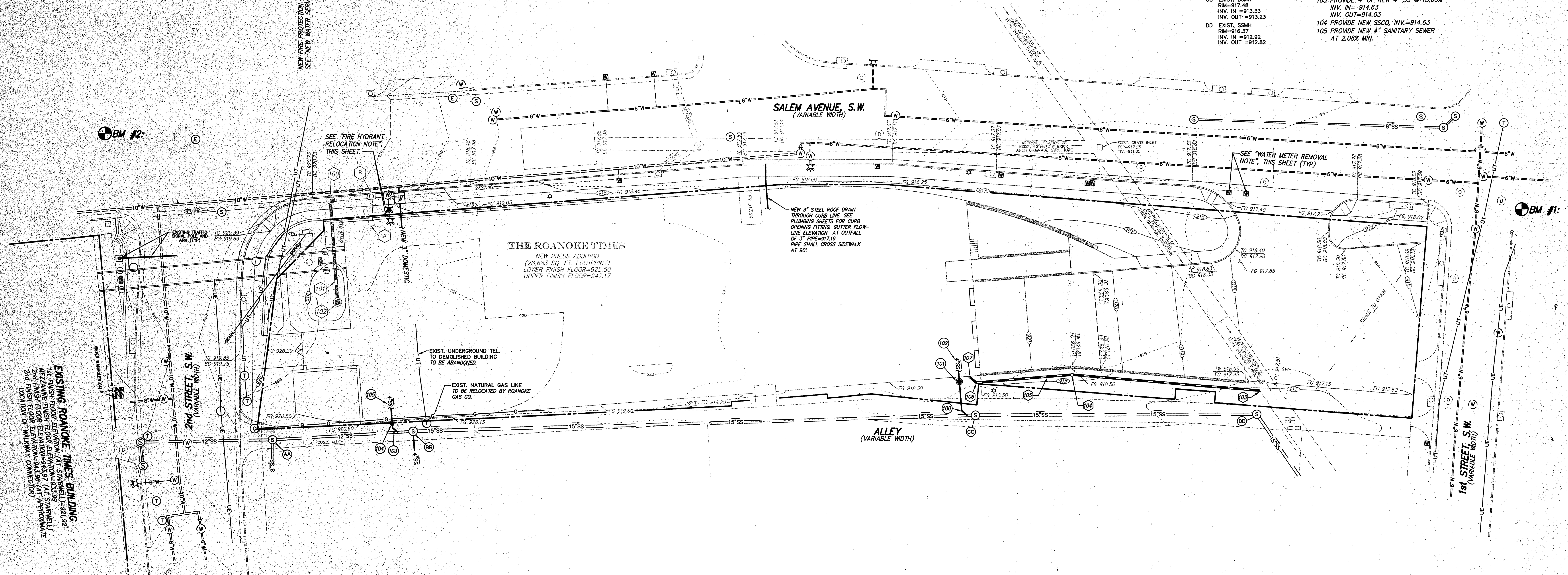
FOR THE NEW WATER METER VAULT:

- THE CITY OF ROANOKE WILL:
 - PROVIDE AND INSTALL THE NEW TAP TO THE EXISTING 10" PUBLIC WATERLINE IN SALEM AVENUE, AND ALL PIPING TO THE DOMESTIC METER VAULT.
 - PROVIDE AND INSTALL THE NEW DOMESTIC METER VAULT, COMPLETE WITH NEW DOMESTIC METER.
 - PROVIDE PIPE THROUGH THE PRIVATE SIDE OF THE NEW VAULT FOR CONNECTION OF THE NEW 3" DOMESTIC LINE.
- THE SITE PLUMBING CONTRACTOR SHALL:
 - CONNECT ONTO THE CITY PROVIDED STUB, AND PROVIDE ALL MATERIALS AND LABOR NECESSARY TO PROVIDE THE NEW DOMESTIC SERVICE LINE SHOWN HEREON, TO WITHIN 5' OF THE NEW STRUCTURE. THE CONTRACTOR SHALL COORDINATE WITH THE BUILDING CONTRACTOR FOR EXACT LOCATION OF POINT OF ENTRY INTO THE NEW STRUCTURE. SEE PLUMBING SHEETS FOR INTERIOR ROUTING OF LINES.

SANITARY SEWER SCHEDULE

FOR THE NEW SANITARY SEWER LATERALS DISCHARGING TO THE PUBLIC LINES IN THE ALLEY TO THE SOUTH OF THE NEW PRESS ADDITION, THE CITY WILL PERFORM THE CONNECTIONS TO THE EXISTING LINES, AND WILL PROVIDE AND INSTALL THE NEW SEWER TO THE PROPERTY LINE. AS WE ARE INSTALLING A NEW SAMPLING MANHOLE IN THE VICINITY OF THE PROPERTY LINE FOR THE EASTERN LATERAL, THERE IS NO CLEANOUT PROPOSED AT THE END OF CITY MAINTENANCE. THE CONTRACTOR SHALL COORDINATE HIS INSTALLATION OF THE NEW SEWER SERVICE FROM THE PROPERTY LINE TO THE BUILDING WITH THE CITY OF ROANOKE DEPARTMENT OF WATER AND SEWER.

AA EXIST. SSMH RIM=920.19 INV. IN =914.19 (12") INV. IN =915.44 (8") INV. OUT =914.19	100 PROVIDE 15" OF NEW 4" SS @ 14.51% INV. IN= 915.52 INV. OUT=913.34
BB EXIST. SSMH RIM=920.25 INV. IN =914.00 (12") INV. IN =915.05 (4") INV. OUT =913.90 (15")	101 NEW SAMPLING MANHOLE (SEE PLUMBING SHEETS) INV.=915.52
CC EXIST. SSMH RIM=917.48 INV. IN =913.33 INV. OUT =913.23	102 PROVIDE NEW 4" SANITARY SEWER AT 2.08% MIN. INV.=915.52
DD EXIST. SSMH RIM=916.37 INV. IN =912.92 INV. OUT =912.92	103 PROVIDE 4" OF NEW 4" SS @ 15.00% INV. IN= 914.63 INV. OUT=914.03
	104 PROVIDE NEW SSO, INV.=914.63
	105 PROVIDE NEW 4" SANITARY SEWER AT 2.08% MIN.



STORM DRAIN SCHEDULE

(SEE SHEET C-04 FOR STORM DRAIN ITEMS A, B, AND 100 THROUGH 102)

ROOF DRAIN COLLECTOR SCHEDULE

NEW ROOF DRAIN COLLECTOR PIPING (BELOW GRADE), CLEANOUT STACKS, AND FITTINGS SHALL BE SDR-35 UNPLASTICIZED POLYVINYL CHLORIDE (PVC), AND SHALL BE BEDDED IN ACCORDANCE WITH VDOT STANDARDS AND SPECIFICATIONS FOR STORM DRAIN INSTALLATION.

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| 103 PROVIDE ± 87'-10" SDR-35 PIPE @ 2.03%
INV. IN=913.77
INV. OUT=912.00
THE CONTRACTOR PERFORMING THE REMEDIAL CONSTRUCTION TO TROUT RUN SHALL PERFORM THE PENETRATION THROUGH THE Limestone/CONCRETE WALL, AND PROVIDE TWO JOINTS OF PIPE AT 2.03% CAP AND PLUG INLET END OF UPPER PIPE JOINT FOR CONNECTION BY SITE PLUMBING CONTRACTOR. CONTRACTOR TO TIE NEW STORM PIPE INTO EXISTING STONE WALL OF EXISTING "TROUT RUN" CHANNEL. AT ELEVATION SHOWN, THE CONTRACTOR SHALL DISTURB AS LITTLE OF THE EXISTING WALL AS POSSIBLE, AND SHALL RE-CONSTRUCT THE CHANNEL WALL USING ORIGINAL STONE, GROUTING THE STONE WALL AND THE PERIMETER OF THE NEW PIPE WITH NON-SHRINK GROUT FOR A WATER-TIGHT JOINT. | 104 PROVIDE 6" CLEANOUT STACK WITH ENLARGERS AT TEE/WYE CONNECTION. CLEANOUT TOP SHALL BE JOSAM 39600 SERIES COATED CAST IRON PLANTING DRAIN WITH SLOTTED DOME TOP, TO PRECLUDE SURCHARGE OF FLOOD WATERS INTO VERTICAL ROOF DRAIN RISER. TOP OF DOME SHALL BE SET 6" ABOVE FINISH GRADE, AT ELEVATION 918.75
INV. OF TEE/WYE CONNECTION=913.77
105 PROVIDE 45'-10" SDR-35 PIPE @ 2.00 %
INV. IN=914.67
INV. OUT=913.77
106 PROVIDE 10'x45" SDR-35 BEND
INV.=914.67
107 AT THE POINT OF CONNECTION TO THE VERTICAL ROOF DRAIN RISER, THE CONTRACTOR SHALL PROVIDE TRANSITION FITTINGS/COUPLINGS AS REQUIRED TO TRANSITION FROM BUILDING PIPING TO SITE PIPING. |
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BENCHMARK #1:

CHISELED SQUARE AT BASE OF TRAFFIC SIGNAL POLE AT THE SOUTHEAST CORNER OF THE INTERSECTION OF SALEM AVENUE AND FIRST STREET.
ELEVATION = 918.13

BENCHMARK #2:

CHISELED SQUARE AT TOP OF CURB AT TRAFFIC SIGNAL POLE AT THE NORTHWEST CORNER OF THE INTERSECTION OF SALEM AVENUE AND SECOND STREET.
ELEVATION = 923.38

UNDERGROUND UTILITIES NOTES

THE LOCATION OF UNDERGROUND UTILITIES IS BASED ON FIELD SURVEYS, AS SHOWN BY AVAILABLE RECORDS, AND AS LOCATED BY THE UTILITY LOCATOR SERVICE. THERE MAY BE EXISTING UTILITIES WITHIN SECOND STREET AND THE ALLEY TO THE SOUTH THAT ARE NOT SHOWN HEREON.

THE CONTRACTOR SHALL NOTIFY UTILITIES OF PROPOSED CONSTRUCTION AT LEAST TWO, BUT NOT MORE THAN TEN WORKING DAYS IN ADVANCE. AREA PUBLIC UTILITIES MAY BE NOTIFIED THROUGH MISS UTILITY AT (800) 552-7001.

THIS SHEET IS TO BE USED SOLELY FOR NEW SANITARY SEWER, NEW WATER SERVICE(S), AND NEW ROOF DRAIN COLLECTOR PIPING FROM 5' OUTSIDE OF THE BUILDING FOOTPRINT TO CONNECTIONS WITH PUBLIC SERVICE MAINS. SEE SHEETS C-02 AND C-04 FOR LOCATIONS AND ELEVATIONS OF PROPOSED IMPROVEMENTS.

