

UTILITY GENERAL NOTES:

1. CONTRACTOR TO CONFIRM LOCATION & INVERT OF EXISTING UTILITY LINES AND NEW SERVICE LINE PRIOR TO INSTALLATION ON ANY NEW UTILITY LINES. REFER TO BUILDING PLANS FOR EXACT LOCATION AND INVERT OF SERVICE LINES / LATERALS EXISTING THE BUILDING. CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER IMMEDIATELY UPON DISCOVERY OF DISCREPANCIES OR CONFLICTS.
2. CONTRACTOR TO CONTACT THE WESTERN VIRGINIA WATER AUTHORITY (WVWA) PRIOR TO EXTENDING WATER & SEWER SERVICE LINES TO COORDINATE THE CONNECTION TO THE EXISTING WATER AND SEWER MAINS AND TO ARRANGE FOR ALL REQUIRED PRE-CONSTRUCTION CONFERENCES AND INSPECTIONS.
3. CLEAN-OUTS IN PAVEMENT OR SIDEWALK SHALL BE SET IN TRAFFIC BEARING CAST IRON VALVE BOX OR APPROVED CLEAN-OUT BOX WITH TOP SET FLUSH WITH FINISHED PAVED GRADE (CAPITAL FOUNDRY MODEL #VB-9'S, OR APPROVED EQUAL).
4. UNLESS OTHERWISE NOTED, SANITARY SEWER LATERALS SHALL BE INSTALLED AT 1/4" PER 1' SLOPE (MIN.) FROM POINT OF CONNECTION TO BUILDING. CONTRACTOR TO CONFIRM INVERT OF EXISTING MAIN OR LATERAL PRIOR TO INSTALLATION OF LATERAL. REFER TO INTERNATIONAL PLUMBING CODE (IPC) FOR OTHER REQUIREMENTS.
5. WHERE APPLICABLE ALL WATER AND SEWER WORK (BOTH PUBLIC AND PRIVATE) SHALL CONFORM TO THE WESTERN VIRGINIA WATER AUTHORITY STANDARDS, LATEST EDITION. SEWER LATERALS AND DOMESTIC WATER SERVICE LINES SHALL CONFORM TO INTERNATIONAL PLUMBING CODE, LATEST ADOPTED EDITION.
6. CONTRACTOR SHALL ENSURE THAT EXISTING WATER AND SEWER SERVICES LINES WHICH RUN THROUGH OR ADJOIN THE SITE REMAIN IN SERVICE AT ALL TIMES UNLESS A SHUTDOWN IS APPROVED BY THE WESTERN VIRGINIA WATER AUTHORITY.
7. IN ACCORDANCE WITH THE VIRGINIA STATEWIDE FIRE PREVENTION CODE SECTION 3312.1, AN APPROVED WATER SUPPLY FOR FIRE PROTECTION, EITHER TEMPORARY OR PERMANENT, SHALL BE MADE AVAILABLE AS SOON AS COMBUSTIBLE MATERIAL ARRIVES ON THE SITE.
8. A "RIGHT-OF-WAY EXCAVATION PERMIT" MUST BE OBTAINED BY THE CONTRACTOR FROM THE CITY OF ROANOKE PRIOR TO ANY CONSTRUCTION WITHIN THE RIGHT-OF-WAY. THE PERMIT APPLIES TO ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY, INCLUDING BUT NOT LIMITED TO DRIVEWAY CONNECTION TO RIGHT-OF-WAY, INSTALLATION OF SIDEWALKS, AND UTILITY CONNECTIONS. THIS PERMIT IS SUBMITTED TO THE CITY PERMIT CENTER AND IS ADMINISTERED BY THE TRANSPORTATION DIVISION. ALL CONSTRUCTION PERFORMED WITHIN THE RIGHT-OF-WAY SHALL CONFORM TO THE CITY OF ROANOKE "RIGHT-OF-WAY EXCAVATION AND RESTORATION STANDARDS."

UTILITY LEGEND:

- CM — GAS METER  
— WM — WATER METER  
— CO — SANITARY SEWER LINE / LATERAL W/CLEANOUT  
— 4"W — WATER LINE (SIZE AS INDICATED)  
— [ ] — AREA OF OPEN CUT IN PAVEMENT  
— [ ] — SITE LIGHT - SHOWN FOR REFERENCE ONLY  
— [ ] — FIRE HYDRANT  
— [ ] — GATE VALVE  
— (10) — MANHOLE NUMBER/STRUCTURE NUMBER  
— (S) — SANITARY MANHOLE  
— [T] — TRANSFORMER PAD

UTILITY CONTACTS:

- ELECTRIC:  
APPALACHIAN POWER COMPANY  
P.O. BOX 2021  
ROANOKE VA 24022  
RIVER AVENUE SERVICE CENTER  
802 RIVER AVENUE  
(540) 427-3643
- CABLE TELEVISION:  
COX COMMUNICATIONS  
P.O. BOX 13726  
ROANOKE, VA 24036  
(540) 776-3844, EXT. 120  
(540) 776-8362 (FAX)
- NATURAL GAS:  
ROANOKE GAS COMPANY  
P.O. BOX 13007  
ROANOKE, VA 24030  
(540) 983-3800  
(540) 777-3851  
(540) 777-3864 (FAX)
- WATER AND SEWER:  
WESTERN VIRGINIA WATER AUTHORITY  
2012 S. JEFFERSON STREET  
ROANOKE, VA 24014  
(540) 853-5688  
(540) 853-1017 (FAX)
- TELEPHONE:  
VERIZON  
4843 OAKLAND BOULEVARD  
ROANOKE, VA 24012  
(540) 265-7510  
(540) 265-2858 (FAX)

KEYNOTES:

1. POINT OF CONNECTION TO EXISTING PUBLIC WATERLINE FOR NEW WATER SERVICE. CONTRACTOR SHALL CONTACT WVWA - UTILITY LINE SERVICES ENGINEERING COORDINATOR (MR. MARK SINK) AT 540-537-3460 AT LEAST 72 HOURS IN ADVANCE OF PERFORMING WORK. CONNECTION TO BE PERFORMED WITH "SADDLE TAP" AND "CORPORATION STOP" IN ACCORDANCE WITH WESTERN VIRGINIA WATER AUTHORITY (WVWA) PROCEDURES, STANDARDS AND SPECIFICATIONS. CONTRACTOR SHALL PROVIDE AND INSTALL ALL REQUIRED FITTINGS AND COUPLINGS NEEDED TO JOIN THE NEW LINE TO EXISTING LINE. REFER TO KEYNOTE 5 FOR ADDITIONAL INFORMATION REGARDING TRENCH BACKFILLING AND COMPACTION AND PAVEMENT RESTORATION. SEE GENERAL NOTE 8.
2. NEW DOMESTIC WATER SERVICE LINE (SIZE AS INDICATED) AND COMMERCIAL METER VAULT. WATER SYSTEM APPURTENANCES (VALVE, BENDS, TEES, ETC.) ARE AS INDICATED HEREON. SEE WVWA DETAIL W-5 (COMMERCIAL METER VAULT) ON SHEET C4.2 FOR ADDITIONAL INFORMATION.
3. NEW SANITARY SEWER LATERAL (SIZE INDICATED) WITH SAMPLING M.H. AND CLEAN-OUTS PLACED AS SHOWN. PIPE MATERIAL SHALL CONFORM TO INTERNATIONAL PLUMBING CODE (IPC) REQUIREMENTS FOR UNDERGROUND BUILDING DRAINAGE AND VENT PIPE. REFER TO BUILDING PLUMBING PLANS FOR ADDITIONAL INFORMATION.
4. NEW AND EXISTING STORM DRAIN LINES AND STRUCTURES SHOWN HEREON FOR UTILITY COORDINATION INFORMATION ONLY. REFER TO SHEET CS.1 FOR DETAILED STORM DRAINAGE AND GRADING PLAN AND ADDITIONAL INFORMATION.
5. OPEN CUT ASPHALT PAVEMENT FOR INSTALLATION OF NEW SANITARY SEWER OR WATER LINE. WHERE NECESSARY, REPAIR/REPLACE DAMAGED CURB TO MATCH ORIGINAL AS NEEDED AFTER INSTALLATION. TRENCH BACKFILLING AND COMPACTION, AND PAVEMENT RESTORATION MUST MEET THE SPECIFICATIONS FOUND IN THE CITY OF ROANOKE "RIGHT-OF-WAY EXCAVATION AND RESTORATION STANDARDS". REFER TO DETAIL UTR-1 ON SHEET C4.2 FOR ADDITIONAL INFORMATION. UNLESS OTHERWISE NOTED IN THE "RIGHT-OF-WAY EXCAVATION PERMIT" ALL PAVEMENT MUST BE RESTORED WITHIN 48 HOURS OR COMPLETION OF WORK AND SHALL BE COORDINATED WITH CITY OF ROANOKE.
6. NEW GAS METER AND SERVICE LINE BY ROANOKE GAS COMPANY. COORDINATE LOCATION OF METER AND INCOMING LINE WITH GAS COMPANY AND BUILDING PLANS.
7. SITE LIGHT FIXTURE (TYPICAL) SHOWN FOR COORDINATION ONLY. PLAN PREPARED BY OTHERS.
8. CONCRETE ELECTRICAL TRANSFORMER PAD (BY CONTRACTOR) IN ACCORDANCE WITH DETAILS AND SPECIFICATIONS PROVIDED BY A.E.P.
9. ELECTRICAL CONDUITS FOR PRIMARY AND SECONDARY POWER OR BRANCH CIRCUITS SHOWN FOR COORDINATION AND GENERAL ROUTING PURPOSES ONLY. SITE UTILITY CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND/OR POWER COMPANY DURING INSTALLATION OF CONDUITS / LINES.
10. TELEPHONE AND/OR COMMUNICATIONS CONDUITS SHOWN FOR COORDINATION PURPOSES ONLY. SITE UTILITY CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND/OR TELEPHONE COMPANY DURING INSTALLATION OF CONDUITS / LINES.
11. EXISTING WATER SERVICES TO BE REMOVED. REMOVE EXISTING 3/4" METER AND 1" SERVICE LINE BACK TO MAIN. CAP/PLUG AT CORP. STOP. REFER TO KEYNOTE 5. FOR PAVEMENT REMOVAL/RESTORATION.
12. ROOFTOP PET AREA THAT DRAINS TO SANITARY SEWER, SHALL BE COVERED SUCH THAT RAIN WATER AND RUN-OFF DOES NOT DRAIN TO SANITARY SEWER. (PROFFERED CONDITION)
13. KEY BOX LOCATION- WALL MOUNTED NEXT TO MAIN ENTRANCE IN ACCORDANCE WITH CITY OF ROANOKE FIRE MARSHALL REQUIREMENT. SEE "FIRE DATA/KEYNOTES".

REFER TO "WESTERN VIRGINIA WATER AUTHORITY WATER AND SEWER NOTES" ON SHEET C0.1 AND "WVWA" NOTES ON SHEET C4.2 FOR ADDITIONAL REQUIREMENTS.

SEWER TABULATION:

- (10) 4' DIA. MANHOLE (SAMPLING MANHOLE)  
TOP= 956.00  
INV.= 953.00

AS-BUILT CERTIFICATION

THE WORK OF THE PROJECT AS SHOWN ON THIS DRAWING WAS PERFORMED IN ACCORDANCE WITH THE THE REQUIREMENTS SHOWN HEREON, WITH REASONABLE ACCURACY, AND ANY DEVIATIONS HAVE BEEN "RED-LINED."

CONTRACTOR (NAME): ATLAS CONSTRUCTION (GENERAL CONTRACTOR)

SIGNED: *[Signature]*

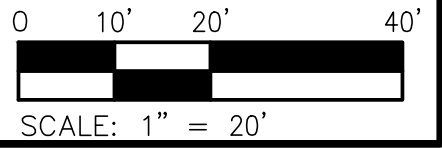
DATED: 9/27/24

FIRE DATA / KEYNOTES:

- FD-1: USE GROUP: "B" (REFER TO ARCHITECTURAL PLAN)
- FD-2: CONSTRUCTION TYPE: "2B" (UNPROTECTED NON-COMBUSTIBLE)
- FD-3: USE GROUP AND CONSTRUCTION TYPE PROVIDED BY PROJECT ARCHITECT IN ACCORDANCE WITH VIRGINIA UNIFORM STATEWIDE BUILDING CODE AND INTERNATIONAL BUILDING CODE.
- FD-4: BUILDING IS NOT SPRINKLER.
- FD-5: FIRE FLOW REQUIRED (BY CODE): 2,000 GPM.
- FD-6: FIRE FLOW AVAILABLE:  
AT FIRE HYDRANT HYD-11824 (ADJACENT TO SITE):  
- STATIC PRESSURE = 60 PSI  
- RESIDUAL PRESSURE = 40 PSI  
- FLOW (MEASURED AT TEST) = 1,163 GPM  
- FLOW AT 20 PSI (CALCULATED) = 1,690 GPM  
AT FIRE HYDRANT HYD-11817 (210- FEET NORTHEAST OF SITE):  
- STATIC PRESSURE = 74 PSI  
- RESIDUAL PRESSURE = 64 PSI  
- FLOW (MEASURED AT TEST) = 1,404 GPM  
- FLOW AT 20 PSI (CALCULATED) = 3,490 GPM  
FIRE FLOW AVAILABLE (AT 20 PSI) IS BASED ON FLOW TEST INFORMATION PROVIDED BY THE WESTERN VIRGINIA WATER AUTHORITY. FLOW TESTS PERFORMED BY LOCAL FIRE DEPARTMENT.
- FD-7: EXISTING FIRE HYDRANT WVWA FH# 11824 (PUBLIC) IS LOCATED AT THE SOUTHEAST CORNER OF THE SITE AND IS WITHIN 300- FEET OF THE MOST REMOTE PART OF THE BUILDING.
- FD-8: KEY BOX (KNOX 3200 SERIES OR ABOVE) TO BE WALL-MOUNTED WHERE SHOWN. SEE KEYNOTE NO. 13.

CONTRACTOR'S  
AS-BUILT MARK-UP

CITY PLAN NO.: CP20-0016

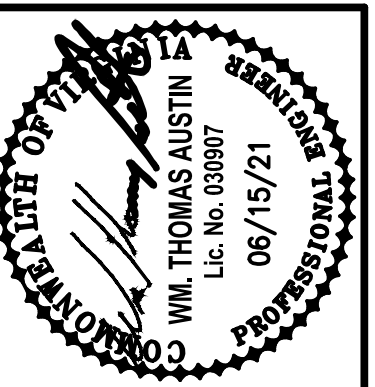


City of Roanoke  
Planning, Building, & Development

COMPREHENSIVE DEVELOPMENT PLAN

APPROVED

by Aaron Cypher 07/19/2021



Revisions	Date	Revision
1	6/15/21	PLAN REVISION NO. 1

Issue Date: JUNE 8, 2020

Drawn By: WTA

Designed By: WTA

Checked By: WTA

Date: 06/08/20

Matern & Craig  
ENGINEERS/SURVEYORS

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NEW ANGELS OF ASSISI CLINIC  
725 FRANKLIN ROAD, SW

UTILITY PLAN

ROANOKE, VIRGINIA

Vertical Scale: N/A

Horizontal Scale: 1" = 20'

Commission Number: 4009

Sheet No.: C4.1