



RIVERSIDE 3
CARILION CLINIC
Inspector: K. Winslow

SHEET KEYNOTES:

1. ELECTRICAL RISER.
2. 8" DUCTILE IRON WATER LINE TO VAULT.
3. PROVIDE TEMPORARY SUPPORT OF EXISTING GAS LINE DURING FOUNDATION WORK. RELOCATE GAS LINE (BY OTHERS), IF NECESSARY. COORDINATE WORK WITH RANOKE GAS.
4. 24" RCP STORM DRAIN.
5. 8" PVC ROOF DRAIN.
6. INLINE BLOW-OFF ASSEMBLY (TYPICAL OF 3). SEE SHEET C-602 FOR DETAIL.
7. 6" DUCTILE IRON DOMESTIC WATER LINE.
8. FIRE DEPARTMENT CONNECTION. SEE SHEET C-501 FOR DETAIL.
9. POST-INDICATOR VALVE. SEE SHEET C-501 FOR DETAIL.
10. PROTECT WATER MAIN DURING FOUNDATION WORK. RELOCATE 12" WATER MAIN AS SHOWN ON SHEET C-603.1A. COORDINATE WORK WITH WESTERN VIRGINIA WATER AUTHORITY.
11. GAS VALVE AND SERVICE (BY OTHERS). COORDINATE WORK WITH RANOKE GAS.
12. COMMERCIAL WATER VAULT. SEE SHEET C-602 FOR DETAIL.
13. 6" PVC SANITARY SEWER.
14. TELECOMMUNICATIONS DUCTBANK. SEE SHEETS ES101 AND ES301.
15. 10" PVC STORM DRAIN FROM BUILDING.
16. 12" PVC STORM DRAIN FROM BUILDING.
17. FIRE HYDRANT ASSEMBLY. SEE SHEET C-502 FOR DETAIL.
18. CONNECT TO EXISTING.
19. 12" x 8" TAPPING SLEEVE AND VALVE. SEE SHEET C-602 FOR DETAIL.
20. CONNECTION TO EXISTING (BY OTHERS).
21. SEE PLUMBING FOR CONTINUATION.
22. POLES SET FOR POWER DROP (BY OTHERS).
23. POWER DUCTBANK A. SEE SHEET ES301 FOR DETAIL.
24. POWER DUCTBANK B. SEE SHEET ES301 FOR DETAIL.
25. POWER DUCTBANK C. SEE SHEET ES301 FOR DETAIL.
26. POWER DUCTBANK D. SEE SHEET ES301 FOR DETAIL.
27. POWER DUCTBANK E. SEE SHEET ES301 FOR DETAIL.
28. PROPERTY LINE (TYPICAL).
29. ELECTRICAL MANHOLE. SEE SHEET ES502 FOR DETAIL.
30. SEE ELECTRICAL FOR CONTINUATION.
31. 6" DUCTILE IRON FIRE WATER LINE.
32. WATER GATE VALVE. SEE SHEET C-603 FOR DETAIL.
33. CAST-IN-PLACE TELECOMMUNICATIONS MANHOLE. SEE SHEET ES502 FOR DETAIL.
34. RE-ROUTE EXISTING TELECOMMUNICATIONS UTILITY. SEE SHEET ES101 FOR ADDITIONAL REQUIREMENTS.
35. ABANDON-IN-PLACE AND CAP EXISTING TELECOMMUNICATIONS UTILITY. SEE SHEET ES101 FOR ADDITIONAL REQUIREMENTS.
36. VERIFY EXISTING 12" WATER MAIN ELEVATIONS AND RELOCATE VERTICALLY IF REQUIRED. PROVIDE 18" MINIMUM CLEARANCE BETWEEN RELOCATED WATER AND OTHER UTILITIES.
37. 4" PVC AC NEUTRALIZATION LINE.
38. SANITARY SEWER MANHOLE (SEE SHEET C-502 FOR DETAIL. PROVIDE BOLT-DOWN MANHOLE COVER (SEE SHEET C-503 FOR DETAIL).
39. 3" STORM DRAIN TO CLEANOUT. PROVIDE 6" PVC STORM DRAIN FROM CLEANOUT RISER TO BRANCH WYE AT STREET, WITH 24" MINIMUM PIPE SLOPE AND 2' MINIMUM COVER.
40. DETAIL EXISTING 1-1/4" WATER MAIN ELEVATIONS AS REQUIRED TO ACCOMMODATE NEW TELECOMMUNICATIONS AND STORM DRAINAGE UTILITIES.
41. ABUT "E" WITH "C" AGAINST "E" WITH "F" RIGID INSULATION BETWEEN.
42. 30"x19" HORIZONTAL ELLIPTICAL RCP.

Professional Engineer Seal for Andrew C. Freeland, License No. 43081, State of Virginia, dated 09/27/18.

KEY PLAN

This drawing has been prepared for the

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SHEET TITLE	UTILITY PLAN
SHEET NUMBER	C-103