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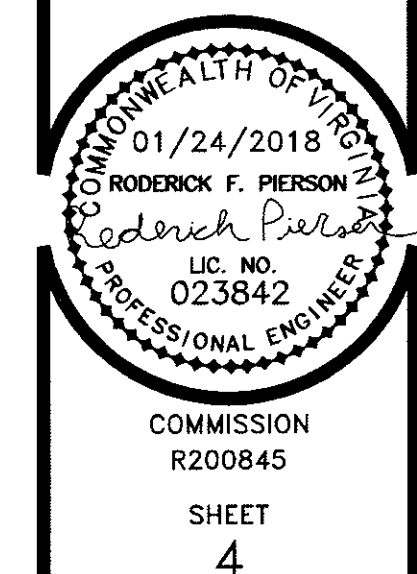
**PIERSON
ENGINEERING
&
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SITE PLAN
FOR
THE PLATEAU AT CEDAR RIDGE
BOTETOURT COUNTY, VIRGINIA

WATER UTILITY PLAN



General Notes:

1. All construction methods and materials shall conform to the latest WVWA Design and Construction Standards.
2. The contractor or developer is required to notify the Western Virginia Water Authority in writing at least three (3) days prior to any construction. Please contact Mark Sink at 537-6430.
3. All work shall be subject to inspection by the Western Virginia Water Authority.
4. Field corrections shall be approved by the Western Virginia Water Authority prior to such construction.
5. The contractor shall maintain a minimum of 18" clearance vertically and 2' minimum horizontally from outside of pipe to outside of pipe at all water, sanitary sewer crossings of any other utilities. Where this cannot be achieved additional measures in accordance with WVWA standards shall be enforced.
6. Any existing appurtenances should be adjusted to grade and new frame and covers installed where required.
7. It is the contractor's responsibility to have all existing utilities located and potholed to verify locations. This plan review does not remove the contractor's responsibility to relocated any existing conflicts found during construction.

Sewer Notes:

1. All sanitary sewer connections to existing lines shall be coordinated with and performed by the Western Virginia Water Authority.
2. All water and sanitary sewer facilities are to be installed according to the Western Virginia Water Authority Design and Construction Standards.
3. Grease interceptor shall be inspected and approved by Western Virginia Water Authority prior to site receiving water service connection.
4. Forty-Eight (48) hours prior to installation, the contractor shall complete the following:
 1. Submit show drawings to Cassie Altice, 601 S. Jefferson St. Suite 300, Roanoke, VA 24011.
 2. Call (540)537-3460 to schedule grease inceptor inspection. The inspection shall occur prior to the contractor covering the grease interceptor.

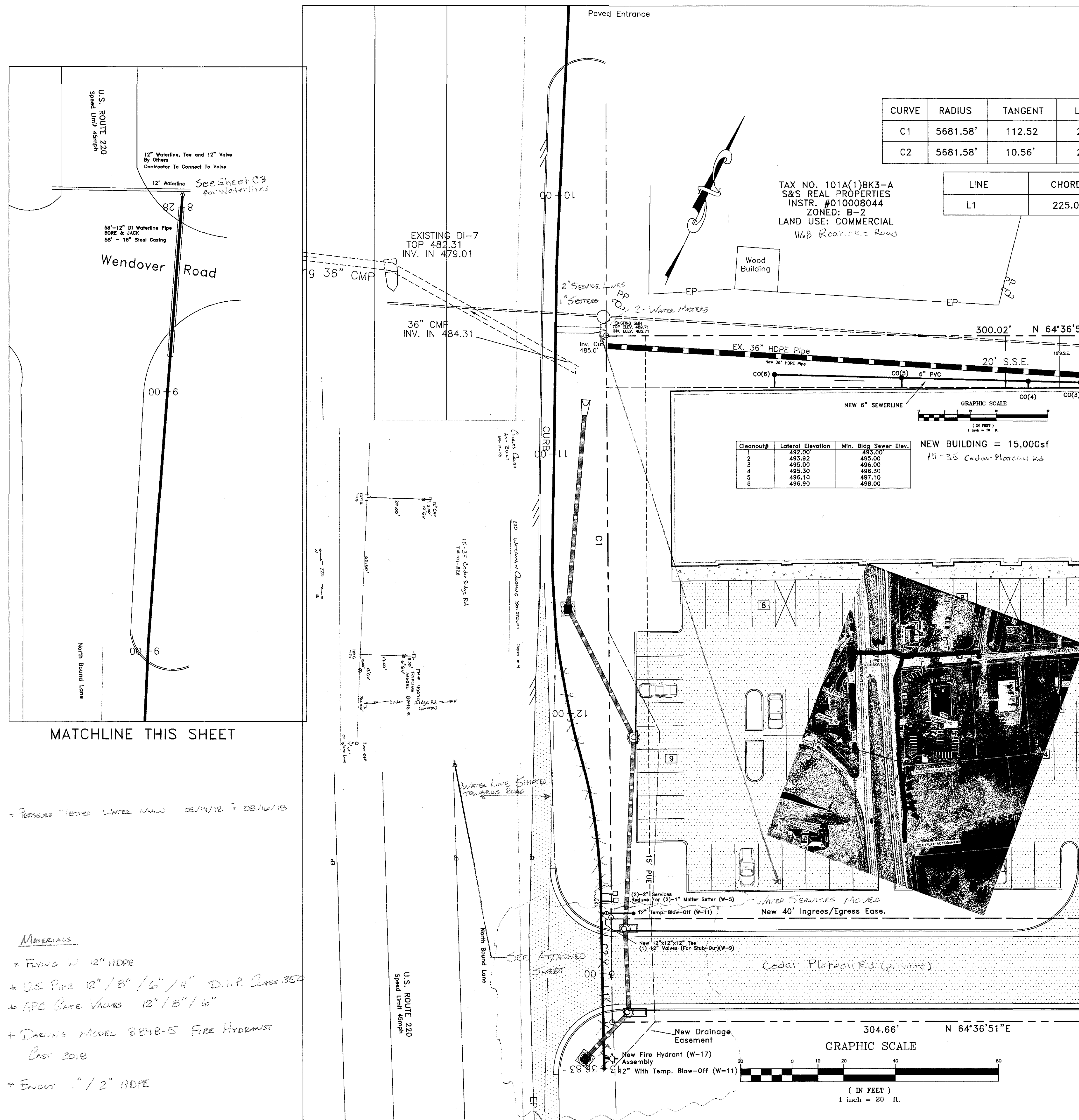
Water Notes:

1. All water connections to existing lines shall be coordinated with and performed by the Western Virginia Water Authority.
2. All water and sanitary sewer facilities are to be installed according to the Western Virginia Water Authority Design And Construction Standards.
3. Obtain an availability letter, and include the availability letter number in the space provided under water notes, Letter # 18-011.

Additional Notes:

1. Contractor to furnish and install tapping sleeve and valve, tap to be made by WVWA. Contractor shall be responsible for excavation and shoring per OSHA regulations.
2. Sanitary sewer tap to existing manhole to be made by Contractor. Manhole connection must be cored with a boot installed.

MATCHLINE THIS SHEET



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* PRESSURE TESTED UNDER MAIN 08/14/18 & 08/16/18

MATERIALS

- * FLYING W 12" HDPE
- * U.S. PIPE 12" / 8" / 6" / 4" D.I.P. CLASS 350
- * APC GATE VALVES 12" / 8" / 6"
- * DARING MODEL 884B-5 FRR HYDROMIST
- * CAST 2018
- * ENDOT 1" / 2" HDPE