

**ENGINEERING STATEMENT**

The engineering data contained herein have been prepared on behalf of RALEIGH (WRDC-TV) LICENSEE, INC., licensee of full-power digital television station WRDC(TV), Channel 14 in Durham, North Carolina, in support of its Application for Modification of License to operate the station with the ATSC 3.0 transmission standard. It is proposed that during the time that the facility will be transmitting in ATSC 3.0, the secondary ATSC 1.0 programming streams of WRDC(TV) will be transmitted by stations WNCN(TV) Channel 8 in Goldsboro, North Carolina, an WTVD(TV), Channel 9 in Durham, North Carolina. It is important to note that the primary programming stream of WRDC(TV) will be transmitted by WLFL(TV), Channel 18 in Raleigh, North Carolina, and the engineering support for that proposal is contained in the WRDC(TV) Application for Modification of License.

Exhibit B is a map upon which the WRDC(TV), WNCN(TV) and WTVD(TV) noise-limited service contours are plotted. As shown, the entirety of the WRDC(TV) service contour is contained within that of WTVD(TV). In addition, the WRDC(TV) population that will continue to be served as a result of the transfer of its secondary ATSC 1.0 programming to WNCN(TV) will be 96% of the total service population of WRDC(TV). Therefore, this proposal meets Section 73.3801(f)(6)(ii) of the FCC Rules which requires that the new ATSC 1.0 host station cover at least 95% of the service population of the station that elects to operate under the new ATSC 3.0 format.

EXHIBIT A

Both WNCN(TV) and WTVD(TV) place a city-grade service contour over the entirety of the WRDC(TV) city of license, Durham, North Carolina, as shown in Exhibit C. This is not unexpected, since all three stations are licensed within the same Designated Market Area (DMA) and operate from the same transmitter site. Thus, the instant application meets the requirements of Section 73.3801(c) of the Commission's Rules.

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

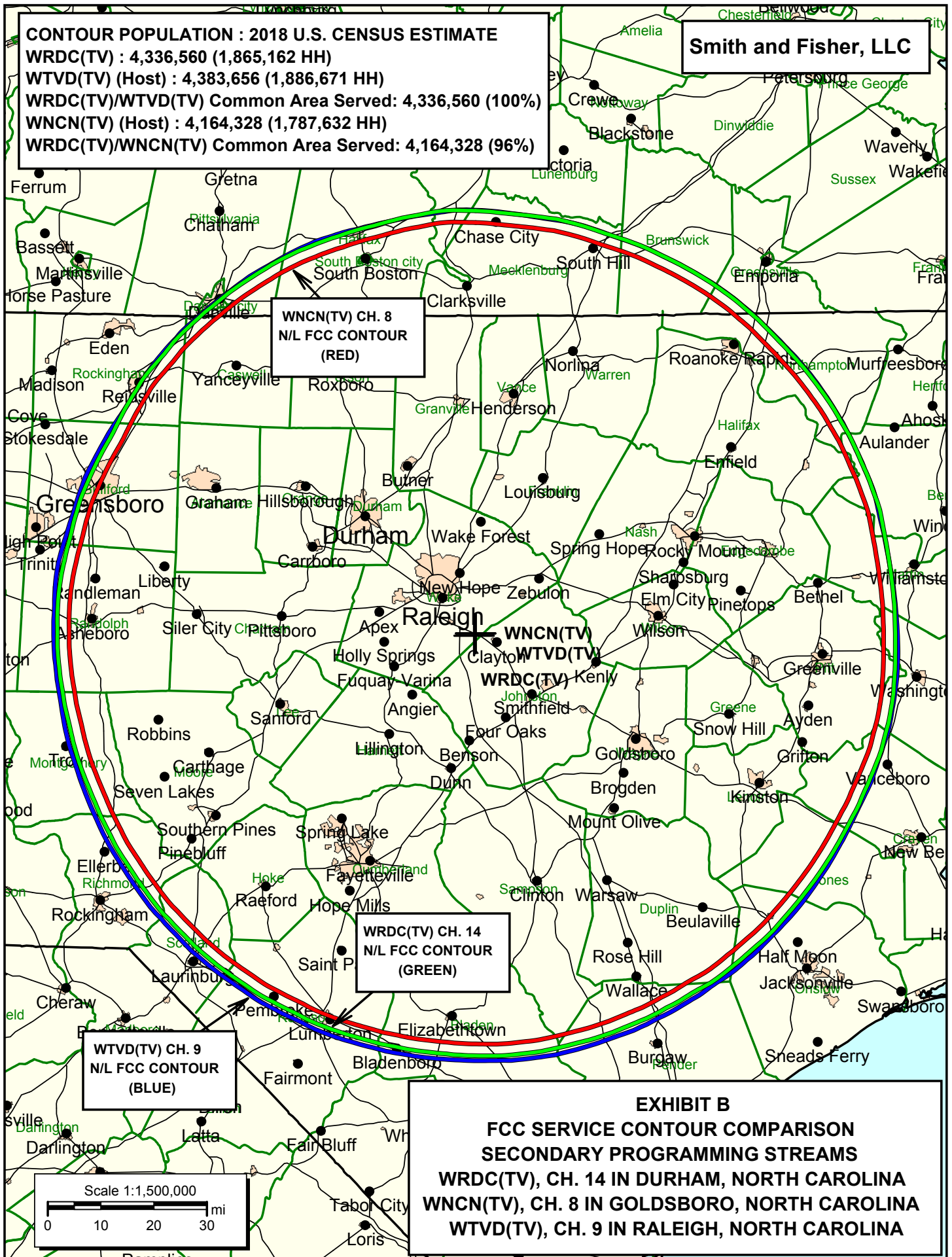
A handwritten signature in blue ink, appearing to read 'K. T. Fisher', with a stylized flourish at the end.

KEVIN T. FISHER

September 27, 2020

**CONTOUR POPULATION : 2018 U.S. CENSUS ESTIMATE**  
**WRDC(TV) : 4,336,560 (1,865,162 HH)**  
**WTVD(TV) (Host) : 4,383,656 (1,886,671 HH)**  
**WRDC(TV)/WTVD(TV) Common Area Served: 4,336,560 (100%)**  
**WNCN(TV) (Host) : 4,164,328 (1,787,632 HH)**  
**WRDC(TV)/WNCN(TV) Common Area Served: 4,164,328 (96%)**

**Smith and Fisher, LLC**



**EXHIBIT B**  
**FCC SERVICE CONTOUR COMPARISON**  
**SECONDARY PROGRAMMING STREAMS**  
**WRDC(TV), CH. 14 IN DURHAM, NORTH CAROLINA**  
**WNCN(TV), CH. 8 IN GOLDSBORO, NORTH CAROLINA**  
**WTVD(TV), CH. 9 IN RALEIGH, NORTH CAROLINA**

