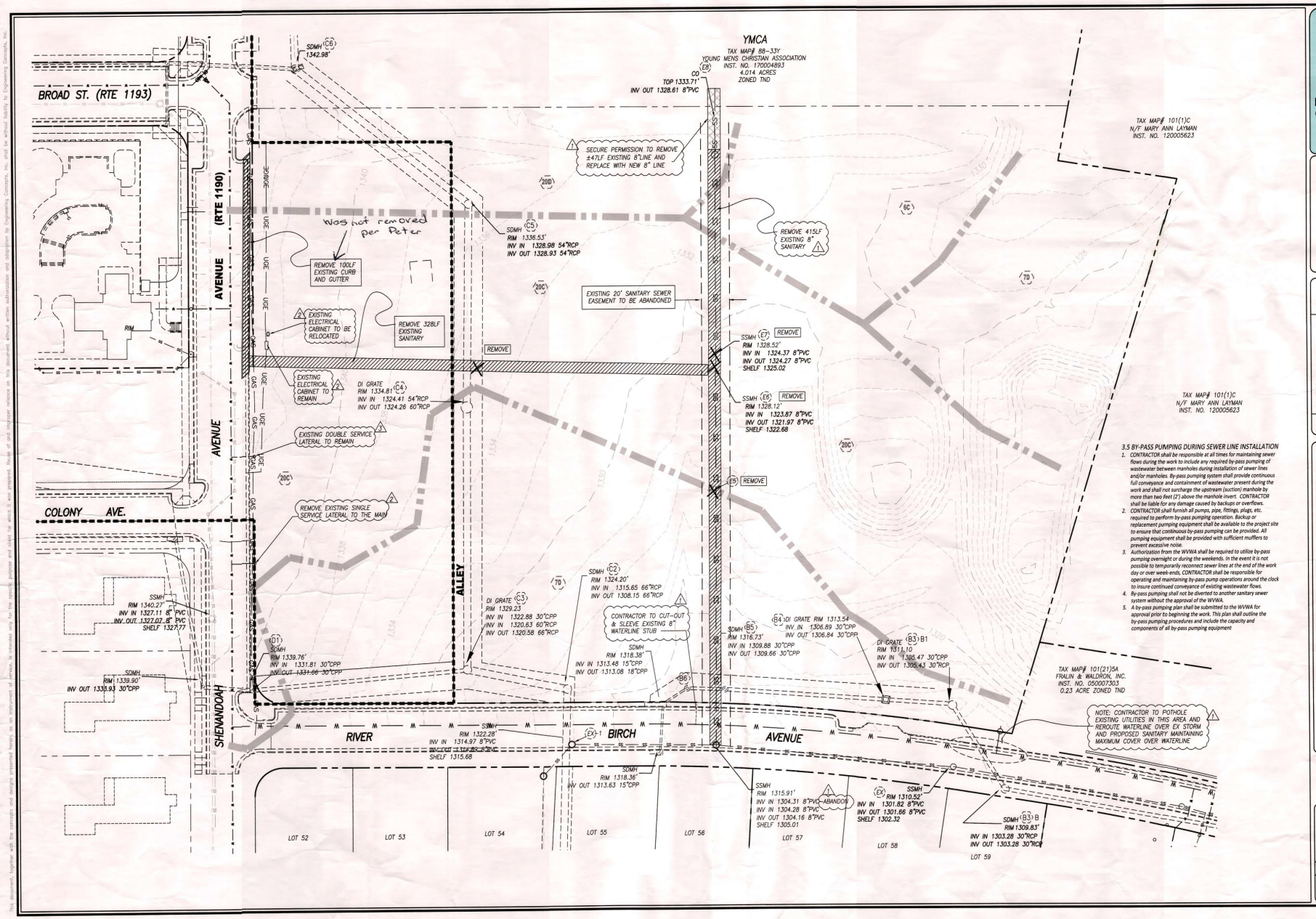

3.5 BY-PASS PUMPING DURING SEWER LINE INSTALLATION

1. CONTRACTOR shall be responsible at all times for maintaining sewer flows during the work to include any required by-pass pumping of wastewater between manholes during installation of sewer lines and/or manholes. By-pass pumping system shall provide continuous full conveyance and containment of wastewater present during the work and shall not surcharge the upstream (suction) manhole by more than two feet (2') above the manhole invert. CONTRACTOR shall be liable for any damage caused by backups or overflows.
2. CONTRACTOR shall furnish all pumps, pipe, fittings, plugs, etc. required to perform by-pass pumping operation. Backup or replacement pumping equipment shall be available to the project site to ensure that continuous by-pass pumping can be provided. All pumping equipment shall be provided with sufficient mufflers to prevent excessive noise.
3. Authorization from the WVWA shall be required to utilize by-pass pumping overnight or during the weekends. In the event it is not possible to temporarily reconnect sewer lines at the end of the work day or over week-ends, CONTRACTOR shall be responsible for operating and maintaining by-pass pump operations around the clock to insure continued conveyance of existing wastewater flows.
4. By-pass pumping shall not be diverted to another sanitary sewer system without the approval of the WVWA.
5. A by-pass pumping plan shall be submitted to the WVWA for approval prior to beginning the work. This plan shall outline the by-pass pumping procedures and include the capacity and components of all by-pass pumping equipment

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NORTH

No.	Description	Date
1	WVWA 7/2/19 COMMENTS	7/23/19
2	WVWA COMMENTS	03/30/20
3	EXISTING WATER TO REMAIN	04/15/20

DALEVILLE TOWN CENTER PH 3
BOTETOURT CO. - VIRGINIA
BOXWOOD LANE
EXIST. CONDITIONS & DEMO

COMMONWEALTH OF VIRGINIA
ROBERT H. WAMPLER, JR.
Lic. No. 34713
04/15/20
PROFESSIONAL ENGINEER

0 30 60
GRAPHIC SCALE

PROJECT: 18038

C03

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