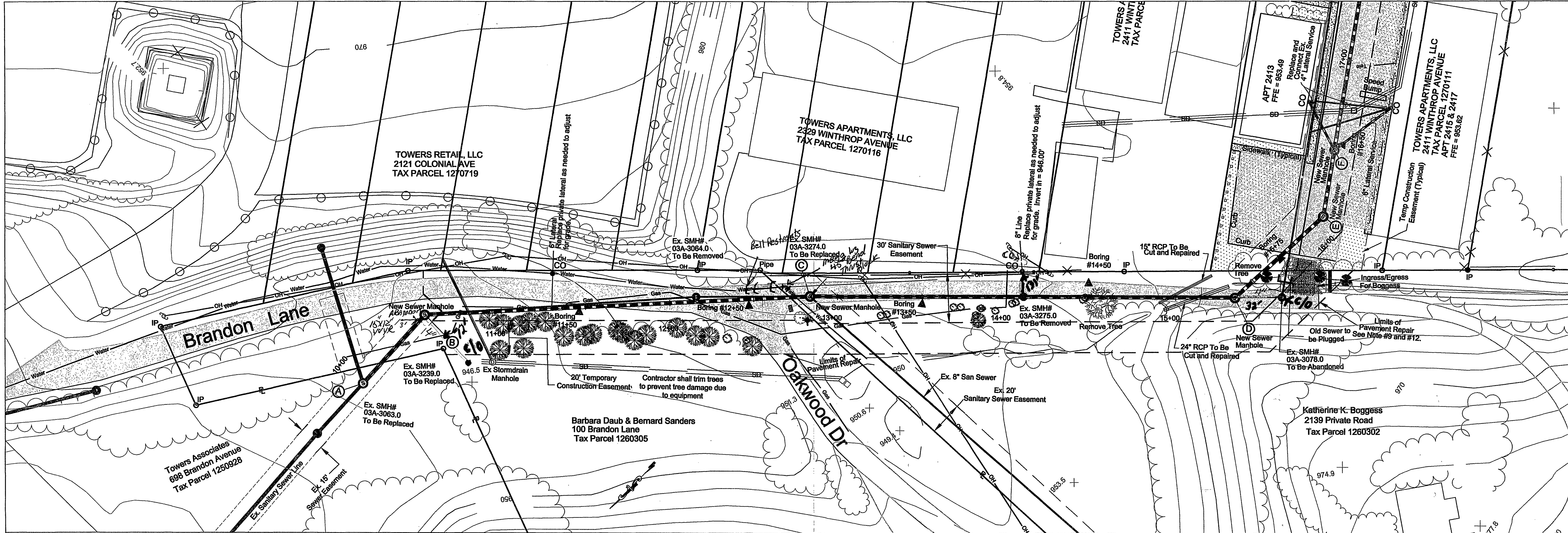
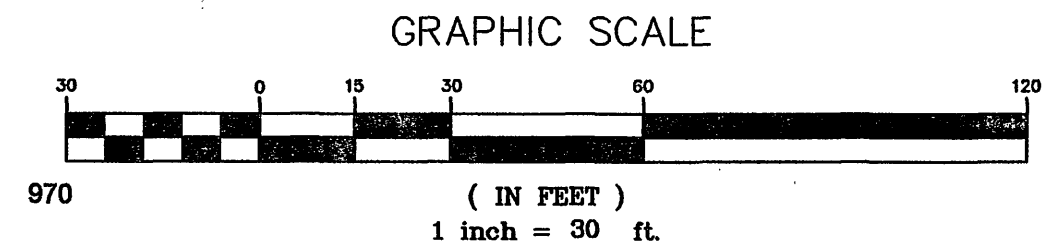
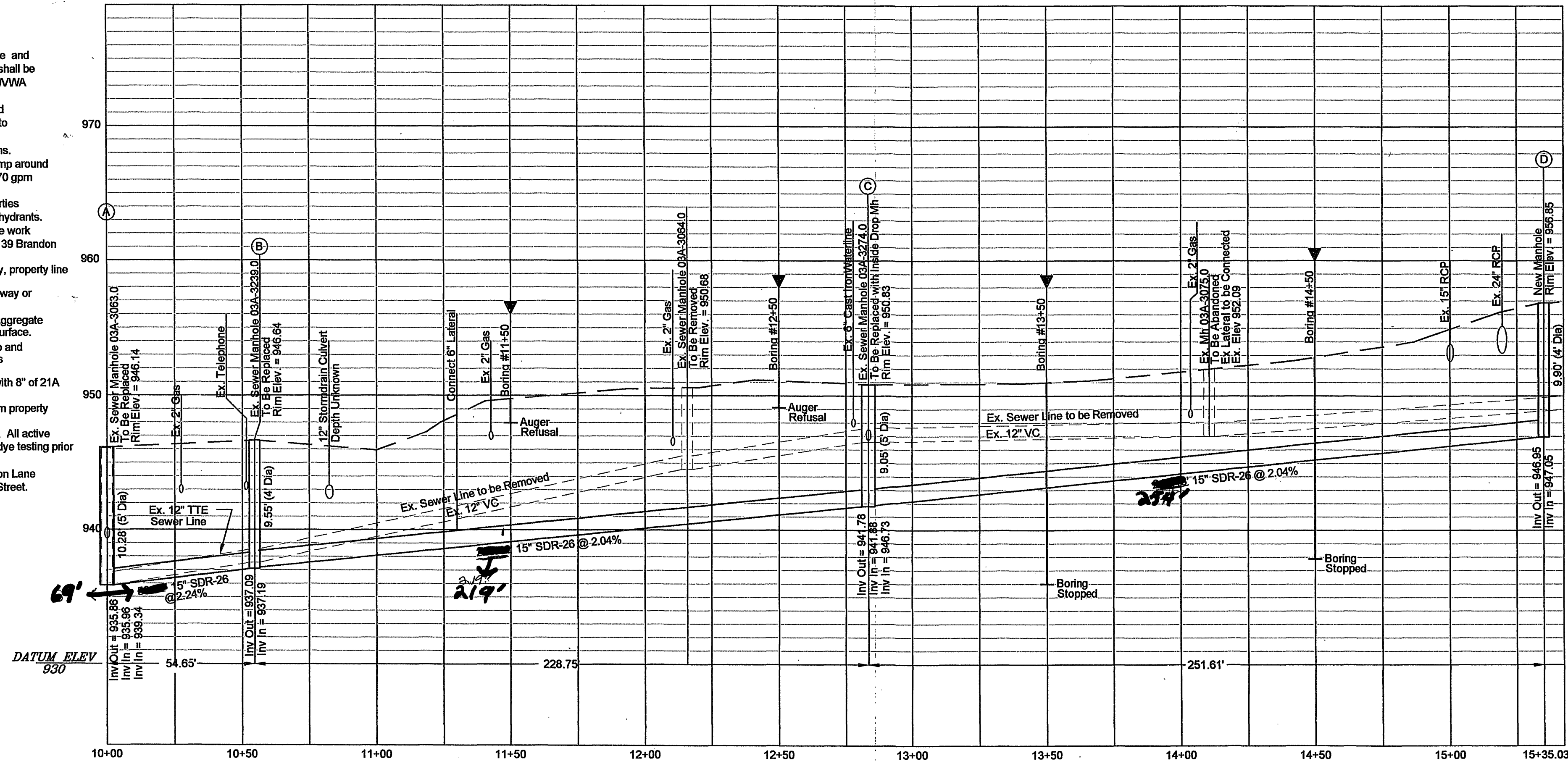




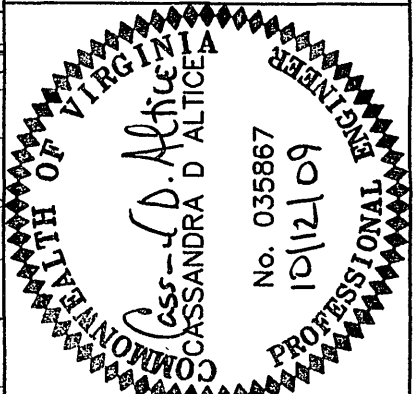
Construction Notes:

- Prior to beginning work, contractor shall determine location, size and invert of existing stormdrain pipe (Sta 16+70). New sewerline shall be installed to provide a minimum 1' clearance between pipes. VVVVA shall be notified of invert elevation and any conflict.
- The contractor shall protect and maintain all existing utilities and structures and shall be responsible for paying and/or repairing to owner's specifications for any damage.
- The existing sewer line is prone to surcharge during heavy rains. Contractor shall be prepared to reconnect the sewer line or pump around five (5) times the normal flow. Average dry day peak flow is 170 gpm as determined by ISCO meter flows.
- Contractor shall make provisions to provide access to all properties during construction and shall maintain safe accessibility to fire hydrants. Brandywine Apts parking area shall be opened at the end of the work day. Contractor shall provide ingress/egress to residents of 2139 Brandon Lane, Oakwood Drive and the apartments.
- Cleanout shall be installed on all existing laterals at right-of-way, property line or easement.
- Contractor shall construct all manholes located within the roadway or parking areas so that they are flush with the pavement.
- Unrepaved roadways opened to traffic shall have compacted aggregate material 21A or 21B flush with the adjacent existing roadway surface.
- Temporary Ingress/Egress - sawcut and remove section of curb and place 6" of #57 stone. Once work is completed, ingress/egress shall be removed and area restored.
- Private driveway and apartment parking lot shall be restored with 8" of 21A and 2" of SM8.5A.
- Prior to trimming trees, contractor shall receive permission from property owner to trim tree(s).
- There are two 4" laterals near 16+80 and a 6" lateral at 16+50. All active laterals shall be connected to Manhole F. VVVVA to perform dye testing prior to construction.
- Limits of pavement overlay shall be gray shaded area. Brandon Lane overlay shall begin at intersection of Brandon Lane with 23rd Street.



LEGEND:

- Ex. Sanitary Sewer
- Proposed Sanitary Sewer
- Ex. Sanitary Sewer Manhole
- Proposed Sanitary Sewer Manhole
- Ex. Cleanout
- New Cleanout
- Ex. Water Meter
- Ex. Gas Line
- Ex. Overhead Line
- Ex. Telephone
- Ex. Electric
- Ex. Pole
- Ex. Stormdrain
- Ex. Curb Inlet
- Ex. Drop Inlet
- Ex. Hydrant
- Ex. Gate Valve



Brandon Lane Sewer Replacement CIVIL/SITEWORK PLAN

Rev	Description	Date	By
1	Changes per city review and culvert replacement added to plans	6/22/09	CDA
2	Changes per city review letter dated 7/14/09	08/20/09	CDA
3	Shifted Manhole F and modified profile	10/08/09	CDA

Designed: CDA
 Drawn: CDA
 Checked: AAS
 Approved: JGR
 Date: 14 MAY 2009
 Project:

C2
 Sheet 2 of 6

CP PERMIT #CP090031