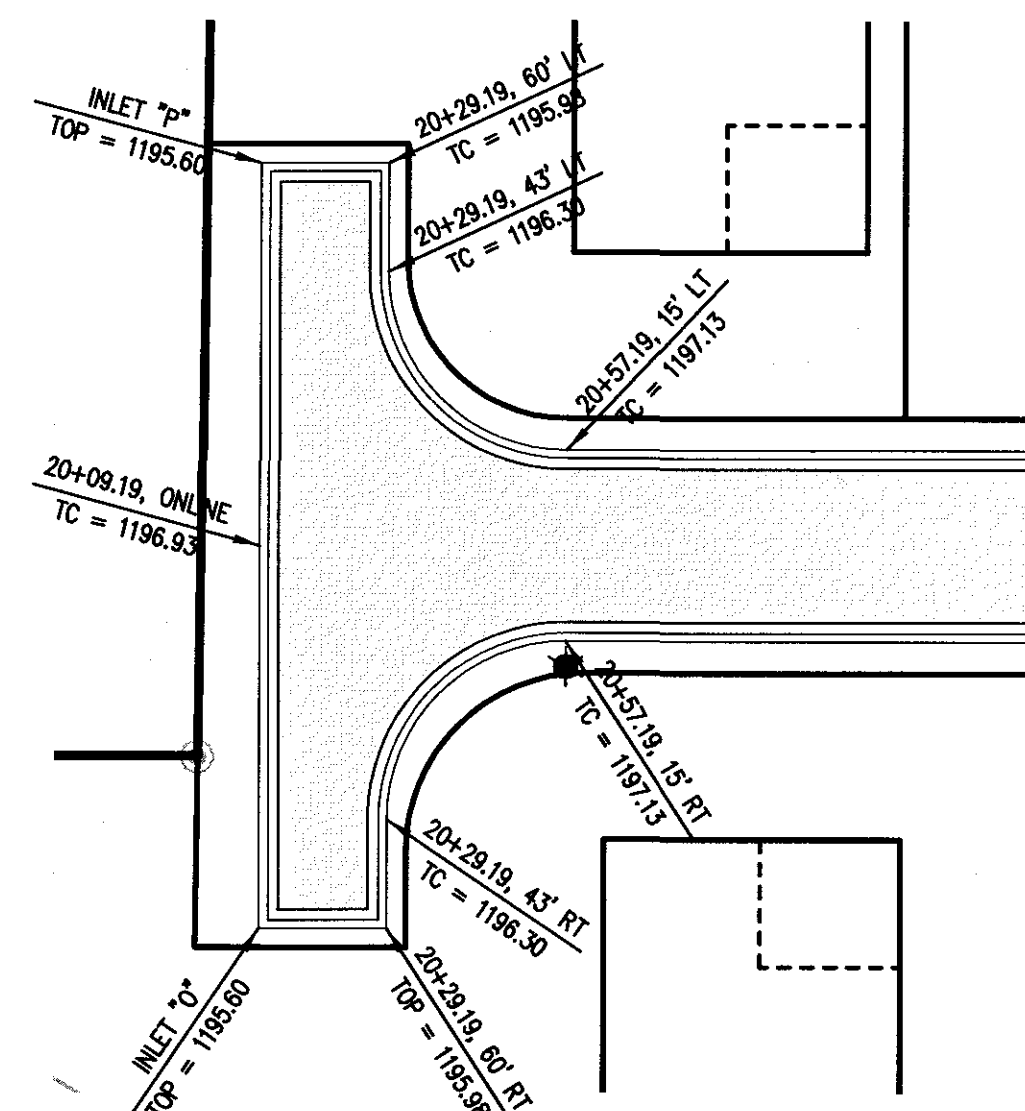
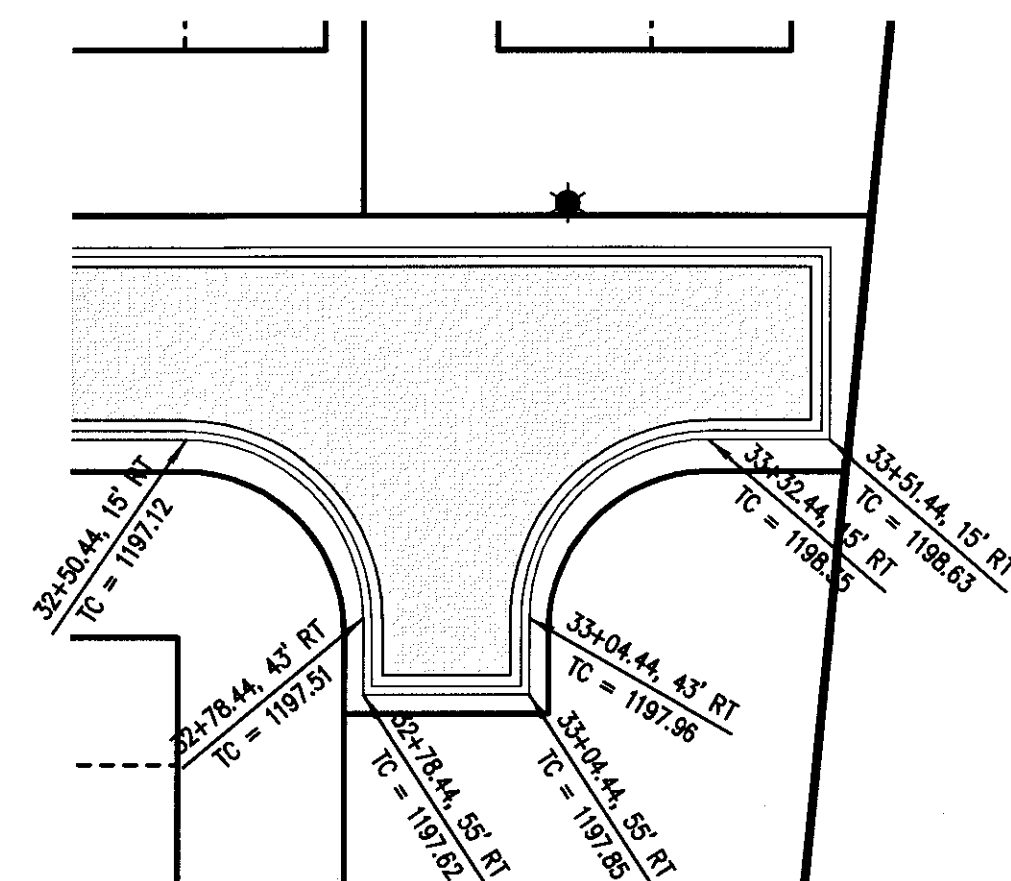
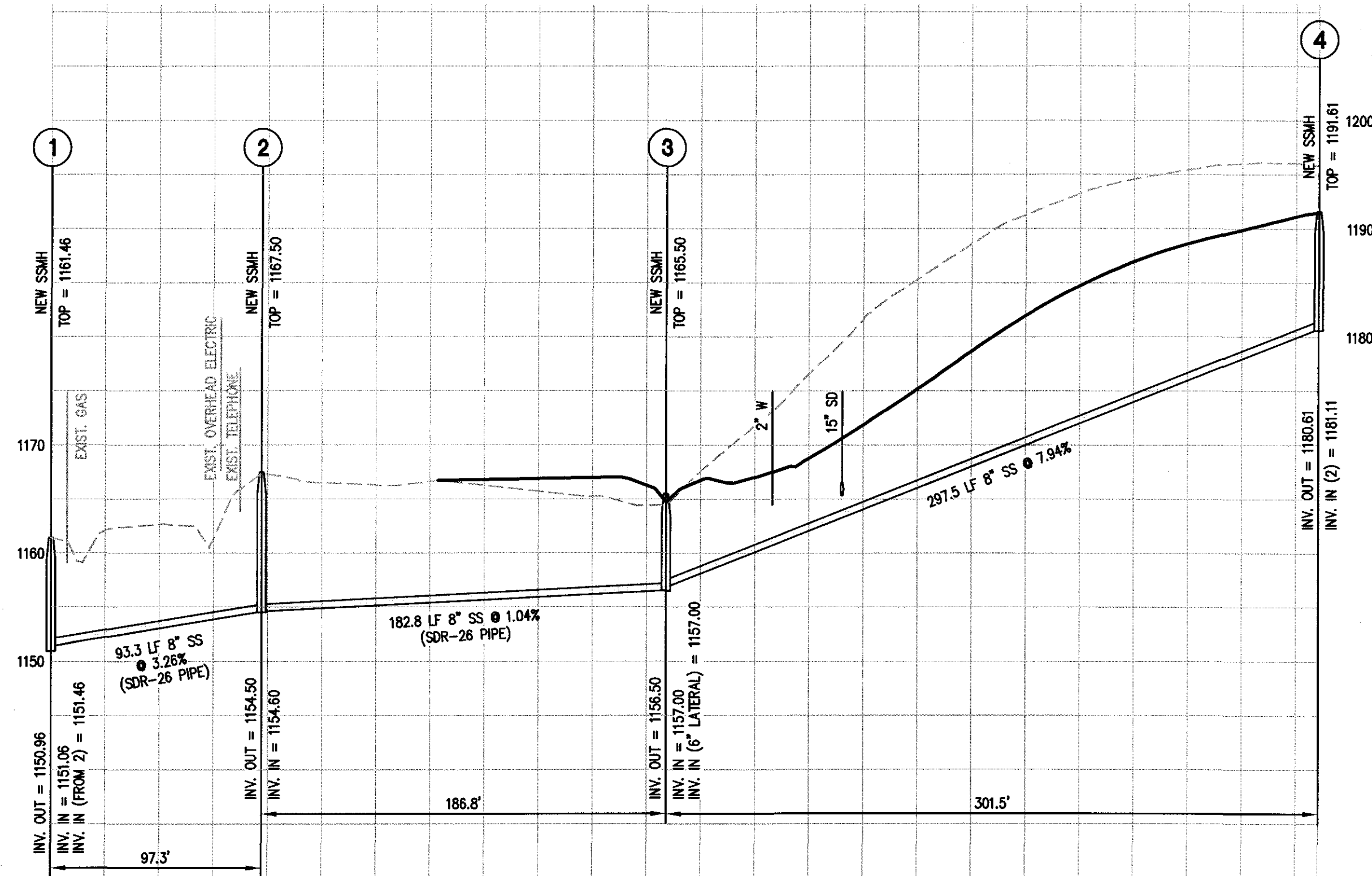
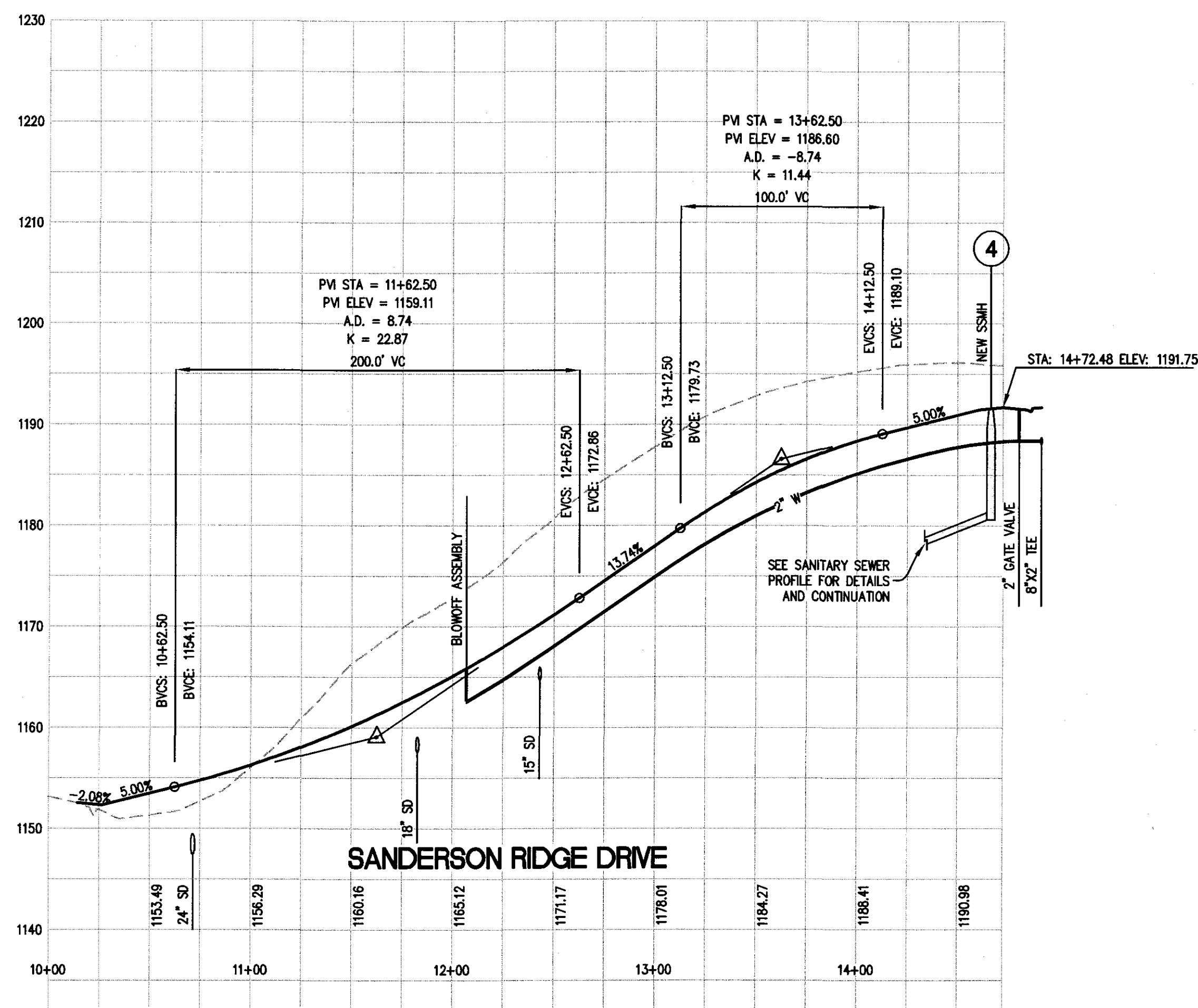
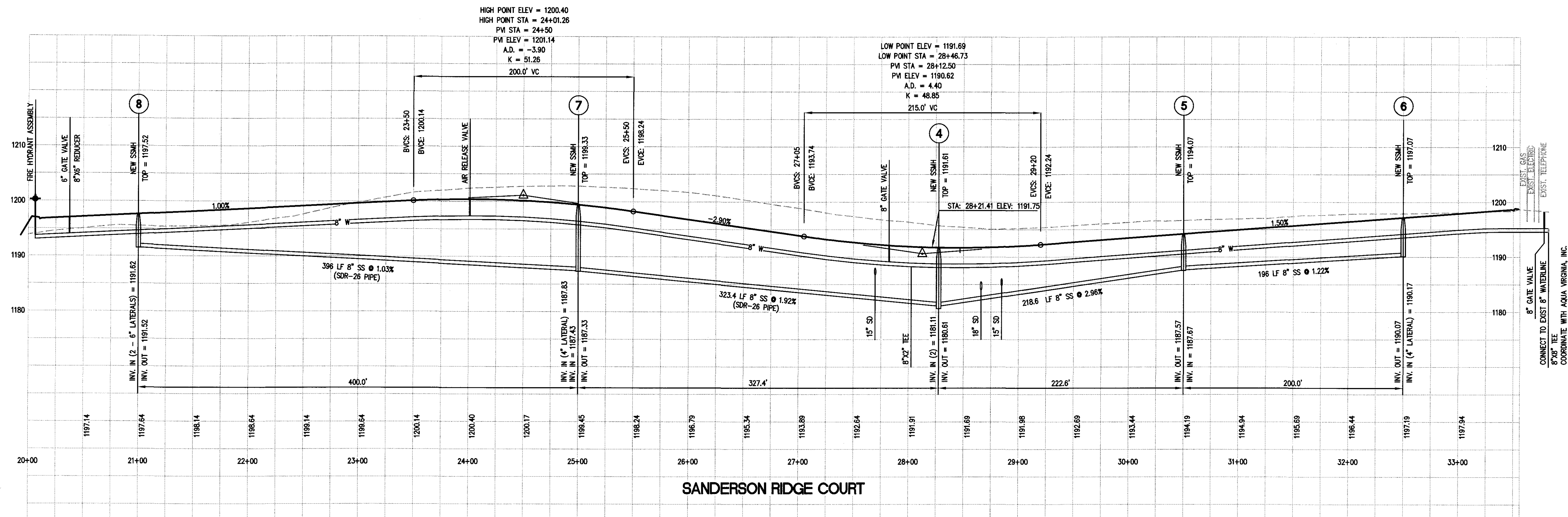


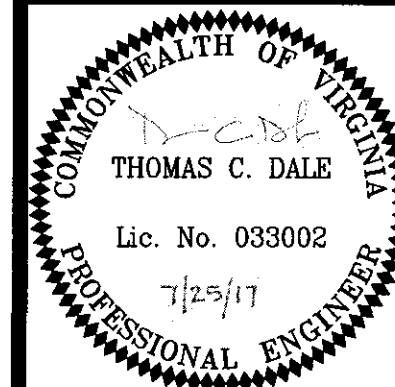


- UTILITY NOTES:
1. ALL SANITARY SEWER CONSTRUCTION METHODS & MATERIALS SHALL CONFORM THE WESTERN REGIONAL DESIGN AND CONSTRUCTION STANDARDS.
2. ALL WATER LINE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE AQUA VIRGINIA INC. SPECIFICATIONS. SEE SHEETS 11 AND 12. SEE ALSO WATER LINE NOTES ON SHEET 3.
3. ALL STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH VDOT'S ROAD AND BRIDGE STANDARDS AND SPECIFICATIONS.
4. ALL CURB INLETS SHALL BE INSTALLED WITH ALTERNATE NOSE TYPE A TO MAKE EASIER TRANSITION INTO ROLLTOP CURBING. SEE DETAIL ON SHEET 2.
5. ALL WATER AND SANITARY SEWER LINES SHALL HAVE A MINIMUM OF 3.0 FEET OF COVER.
6. MAINTAIN A MINIMUM OF 18" CLEARANCE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE AT ALL WATER, SANITARY SEWER, AND STORM DRAIN CROSSINGS. WHERE THIS CLEARANCE CAN NOT BE ACHIEVED, CONCRETE PIERES SHALL BE UTILIZED IN ACCORDANCE WITH THE WESTERN VIRGINIA REGIONAL DESIGN AND CONSTRUCTION STANDARDS.
7. SANITARY SEWER MAIN PIPE MATERIAL SHALL BE PVC, SDR-35, EXCEPT AS NOTED, OR APPROVED EQUAL.
9. ALL SANITARY SEWER CONNECTIONS TO EXISTING LINES SHALL BE COORDINATED WITH AND PERFORMED BY THE WESTERN VIRGINIA WATER AUTHORITY.
10. ALL NEW DROP INLETS AND STORM DRAIN MANHOLES SHALL HAVE VDOT STD. IS-1, INLET SHAPING.
11. ALL DRAINAGE STRUCTURES DEEPER THAN 4.0 FEET SHALL HAVE STEPS (VDOT STD. ST-1) INSTALLED.
12. SAFETY SLABS (VDOT STD. SL-1) ARE REQUIRED IN ALL NEW DRAINAGE STRUCTURES WITH A DEPTH OF 12.0 FEET OR GREATER. THE SPACING OF THE SLABS SHOULD BE 8 TO 12 FEET WITH NO SAFETY SLAB LOCATED WITHIN 6 FEET FROM THE TOP OR BOTTOM OF THE STRUCTURE.

SANDERSON RIDGE

PREPARED FOR
HUNGATE-FIELDS, LLC
VALLEY MAGISTERIAL DISTRICT
THE COUNTY OF BOTETOURT, VIRGINIA

ROAD, WATER, AND SANITARY SEWER PROFILES



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