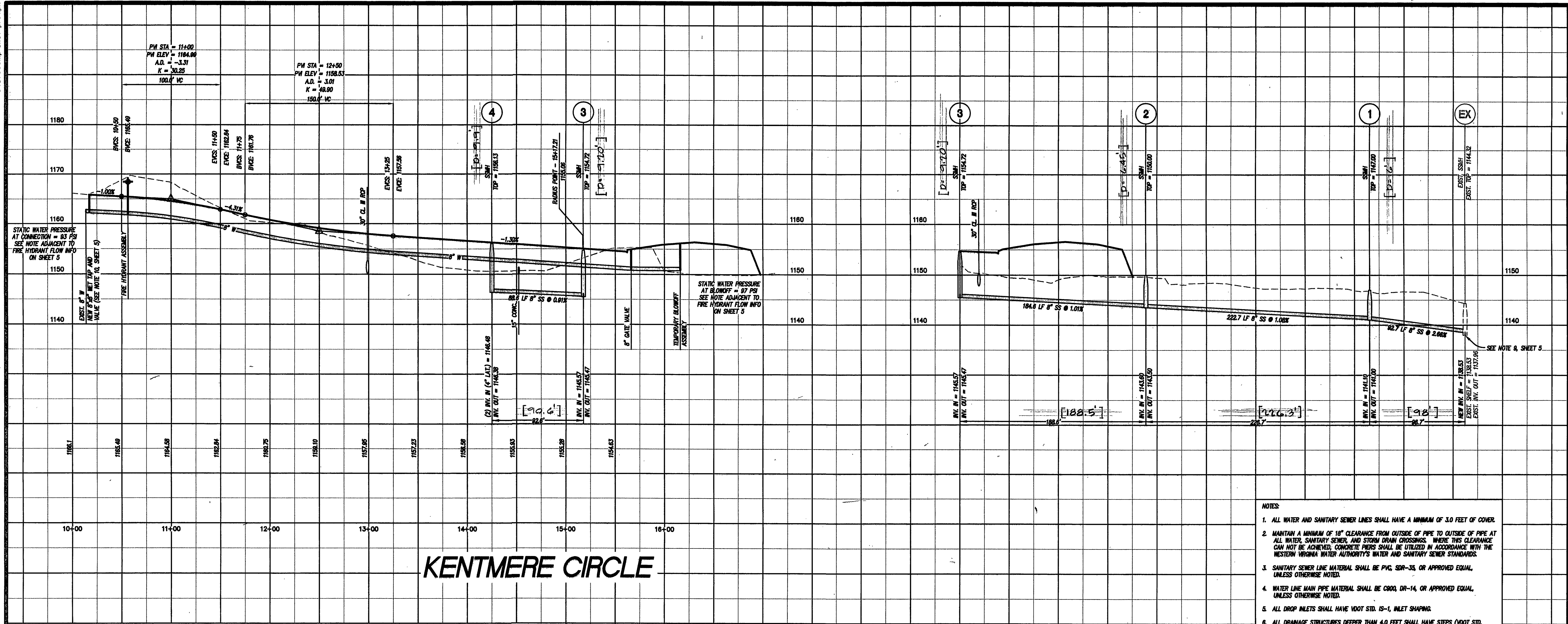


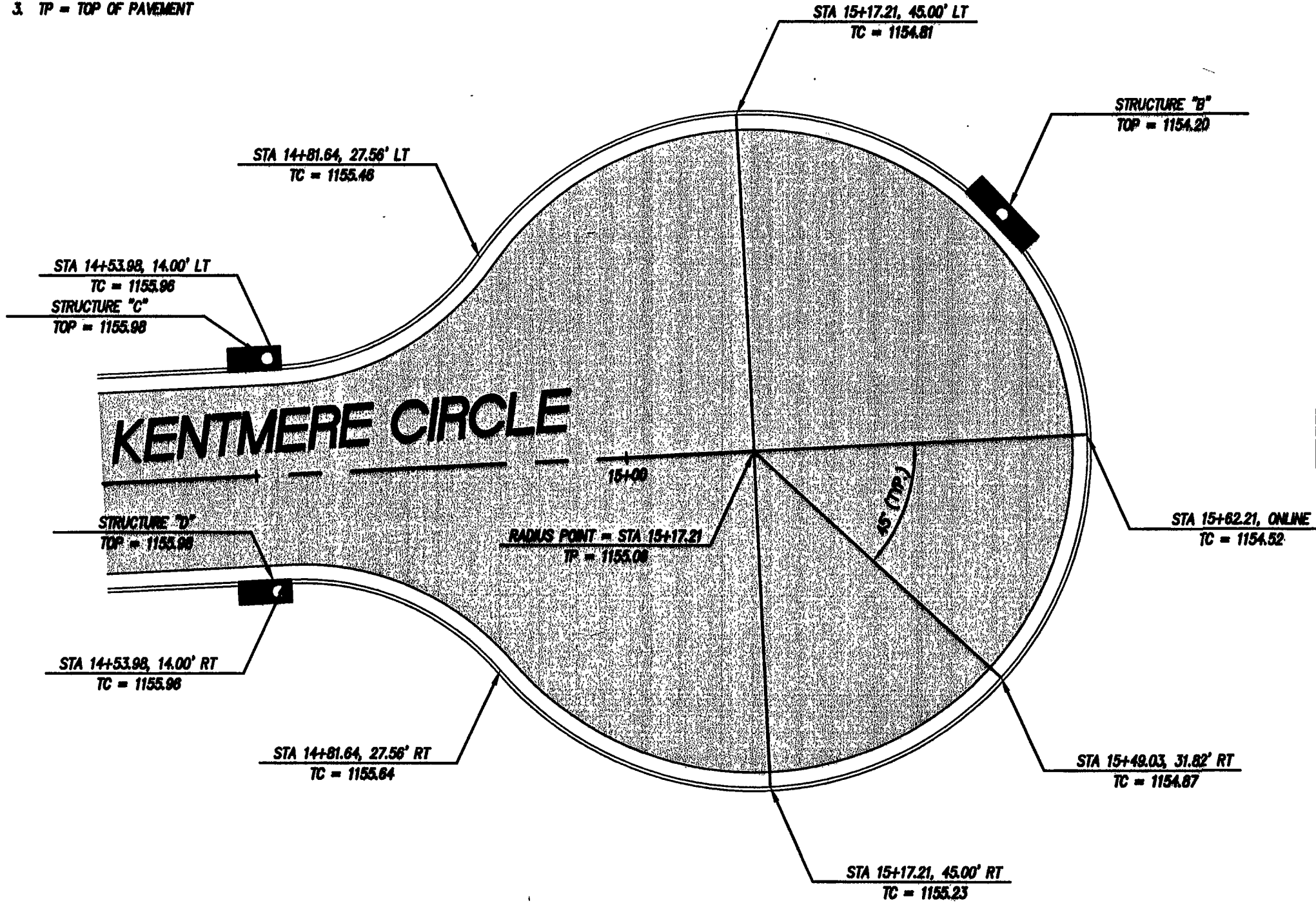
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KENTMERE CIRCLE

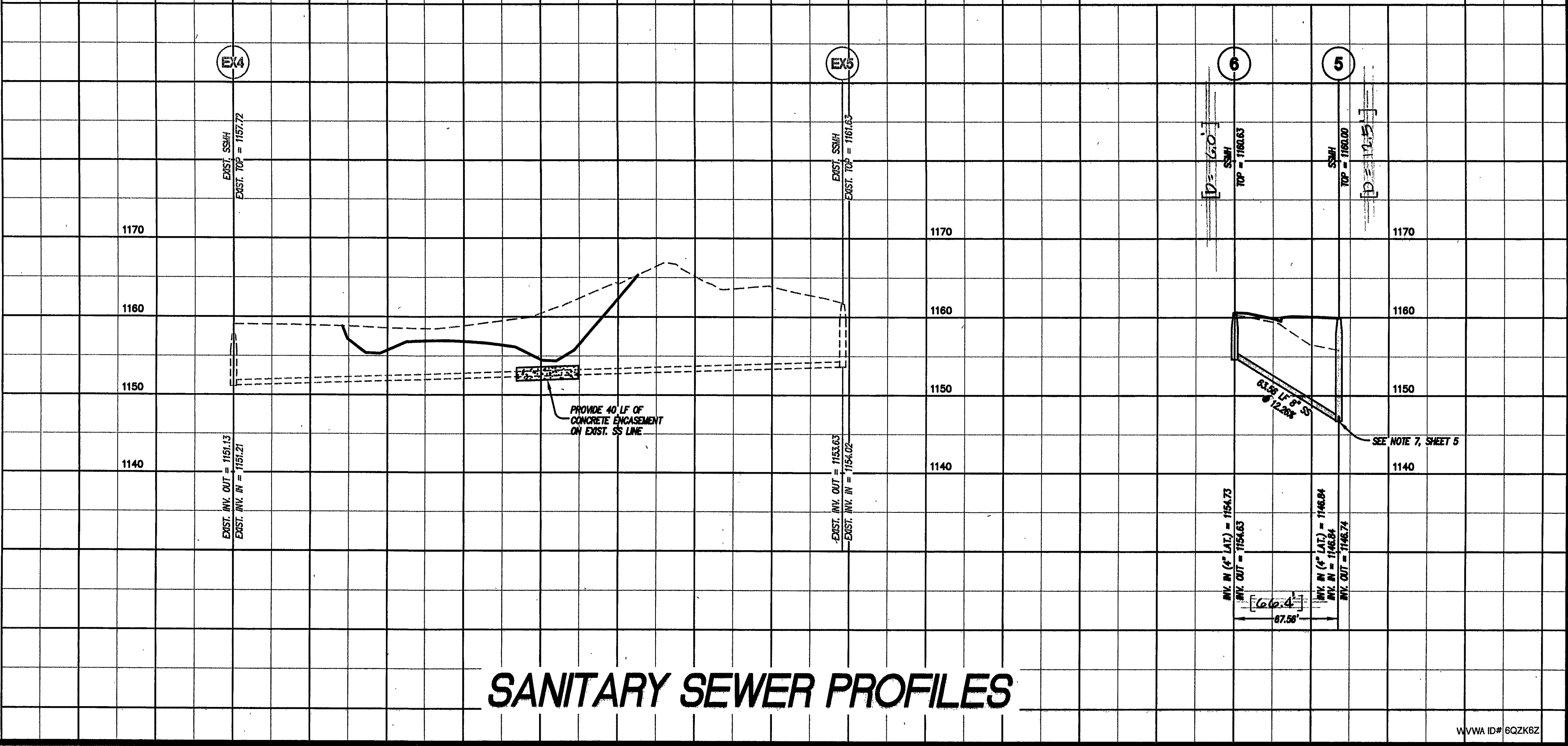
- NOTES:
1. ALL DIMENSIONS ARE TO THE FACE OF CURB.
 2. TC = TOP OF CURB
 3. TP = TOP OF PAVEMENT



CUL DE SAC DETAIL

NO SCALE

- NOTES:
1. ALL WATER AND SANITARY SEWER LINES SHALL HAVE A MINIMUM OF 3.0 FEET OF COVER.
 2. 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 PIERS SHALL BE UTILIZED IN ACCORDANCE WITH THE WESTERN VIRGINIA WATER AUTHORITY'S WATER AND SANITARY SEWER STANDARDS.
 3. SANITARY SEWER LINE MATERIAL SHALL BE PVC, SDR-35, OR APPROVED EQUAL, UNLESS OTHERWISE NOTED.
 4. WATER LINE MAIN PIPE MATERIAL SHALL BE C900, DR-14, OR APPROVED EQUAL, UNLESS OTHERWISE NOTED.
 5. ALL DROP INLETS SHALL HAVE VDOT STD. IS-1, INLET SHAPING.
 6. ALL DRAINAGE STRUCTURES DEEPER THAN 4.0 FEET SHALL HAVE STEPS (VDOT STD. ST-1) INSTALLED.
 7. SAFETY SLABS (VDOT STD. SL-1) ARE REQUIRED IN ALL 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.



SANITARY SEWER PROFILES

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KESWICK COURT
PREPARED FOR
FRALIN & WALDRON, INC.
HOLLINS MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

REVISIONS		DATE	DESCRIPTION
1	DATE	12/15/11	WATER & SAN. SEWER
2	DATE		
3	DATE		
4	DATE		
5	DATE		

DATE: June 8, 2006
SCALE: 1" = 50'
COMMISSION NO.: 2004-375
SHEET 7 OF 12