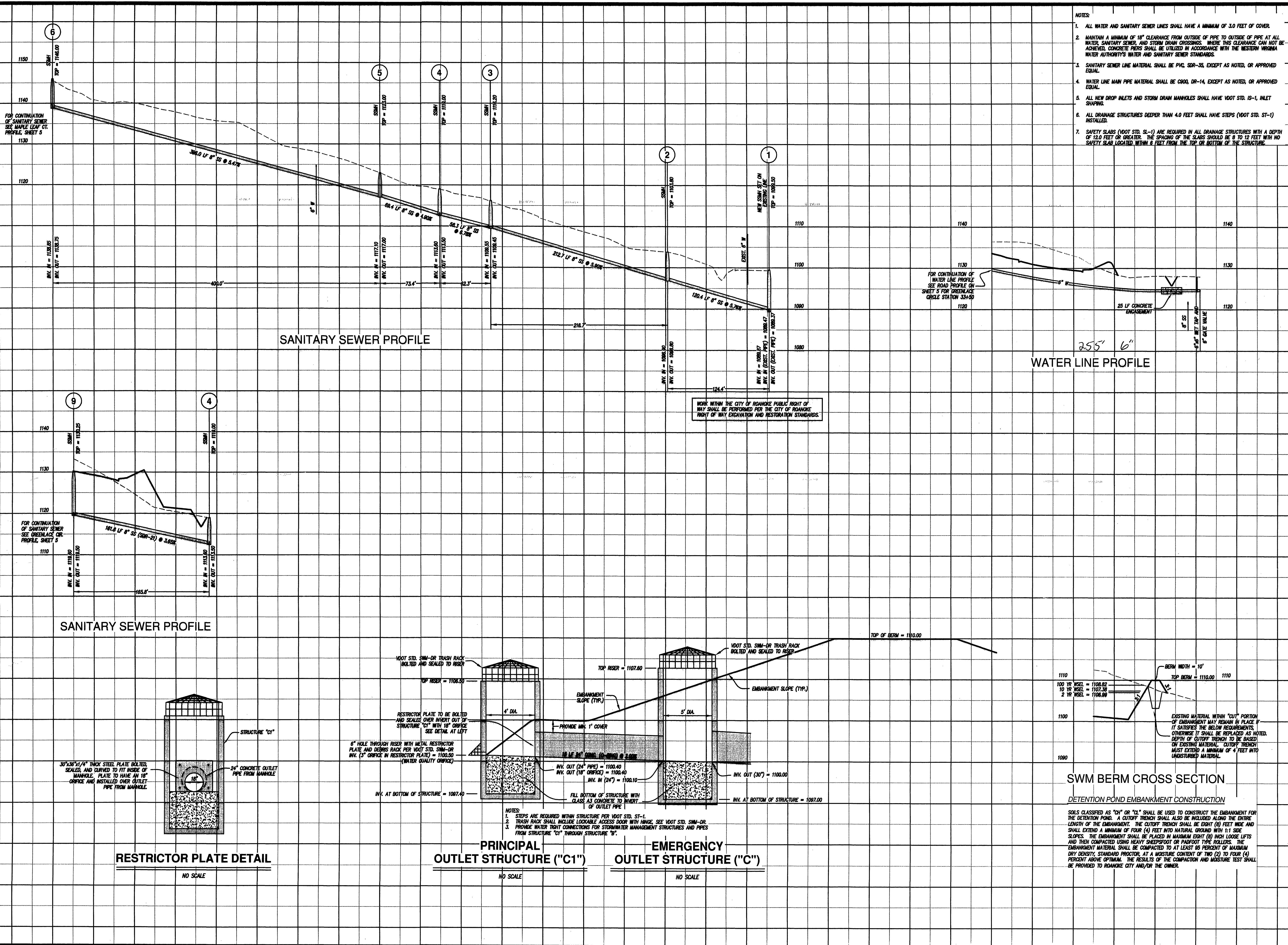


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- NOTES:
1. ALL WATER AND SANITARY SEWER LINES SHALL HAVE A MINIMUM OF 3.0 FEET OF COVER.
 2. MAINTAIN A MINIMUM OF 18" CLEARANCE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE AT ALL WATER, SANITARY SEWER, AND STORM DRAIN CROSSINGS. WHERE THIS CLEARANCE CAN NOT BE ACHIEVED, CONCRETE PILES 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, EXCEPT AS NOTED, OR APPROVED EQUAL.
 4. WATER LINE MAIN PIPE MATERIAL SHALL BE C900, DR-14, EXCEPT AS NOTED, OR APPROVED EQUAL.
 5. ALL NEW DROP INLETS AND STORM DRAIN MANHOLES 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 8 FEET FROM THE TOP OR BOTTOM OF THE STRUCTURE.

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COMMONWEALTH OF VIRGINIA
THOMAS C. DALE
No. 033002
6/14/07
PROFESSIONAL ENGINEER

**SANITARY SEWER,
WATER LINE, AND
STORM DRAIN PROFILES**

MAPLE LEAF FARMS
PREPARED FOR
MAPLE LEAF FARMS, LLC
SITUATED AT 4403 GRANDIN ROAD EXTENSION, S.W.
THE CITY OF ROANOKE, VIRGINIA

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		

DATE: June 14, 2007
SCALE: (H) 1"=50' (V) 1"=10'
COMMISSION NO: 2006-276
SHEET 6 OF 12