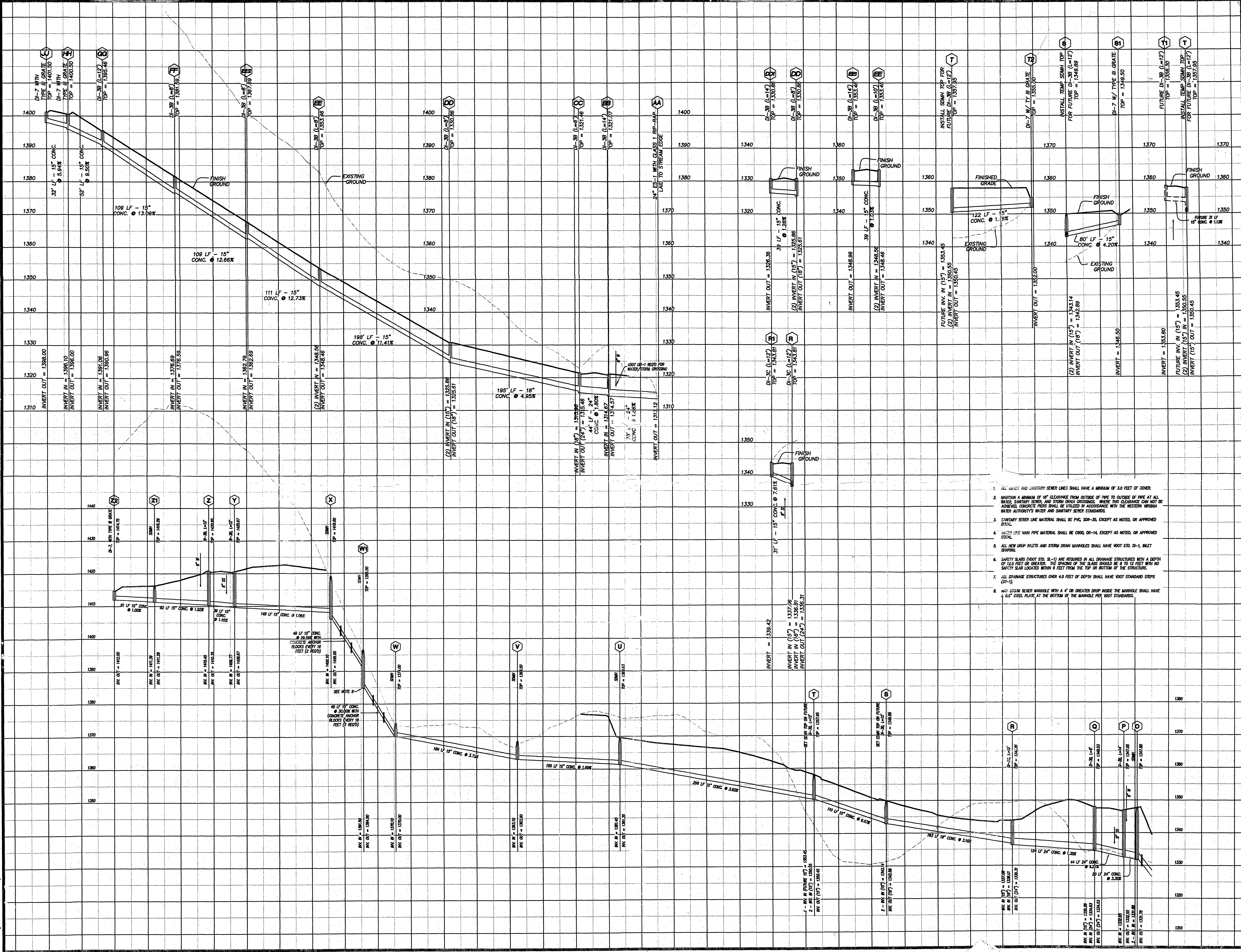
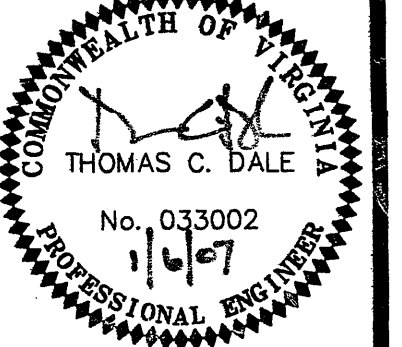




1. ALL WATER AND SANITARY SEWER LINES SHALL HAVE A MINIMUM OF 3.0 FEET OF COVER.
2. MAINTAIN A MINIMUM OF 18" CLEARANCE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE AT ALL WATER, SANITARY SEWER, AND STORM DRAIN CROSSINGS. WHERE THIS CLEARANCE CAN NOT BE ACHIEVED, CONCRETE PIER SHALL BE UTILIZED IN ACCORDANCE 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 DRAIN RIGS AND STORM DRAIN MANHOLES SHALL HAVE VDOT STD. IS-1, INLET SHAPING.
6. SAFETY SLABS (VDOT STD. IS-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.
7. ALL DRAINAGE STRUCTURES OVER 4.0 FEET OF DEPTH SHALL HAVE VDOT STANDARD STEPS (IS-1).
8. ANY STORM SEWER MANHOLE WITH A 4" OR GREATER DROP INSIDE THE MANHOLE SHALL HAVE A 1/2" STEEL PLATE AT THE BOTTOM OF THE MANHOLE PER VDOT STANDARDS.

SECTION No. 1
"THE RIDGE AT FAIRWAY FOREST"
 PREPARED FOR
BOONE HOMES, INC. OF ROANOKE
 WINDSOR HILLS MAGISTERIAL DISTRICT
 ROANOKE COUNTY, VIRGINIA

**STORM DRAIN
 PROFILES**



LUMSDEN ASSOCIATES, P.C.
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 E-MAIL: MAIL@LUMSDENPC.COM

NO.	DATE	DESCRIPTION
1	January 6, 2007	
2		
3		
4		
5		

SCALE:
 (H) 1"=50' (V) 1"=10'

COMMISSION NO.: 2005-006

SHEET 12 OF 20