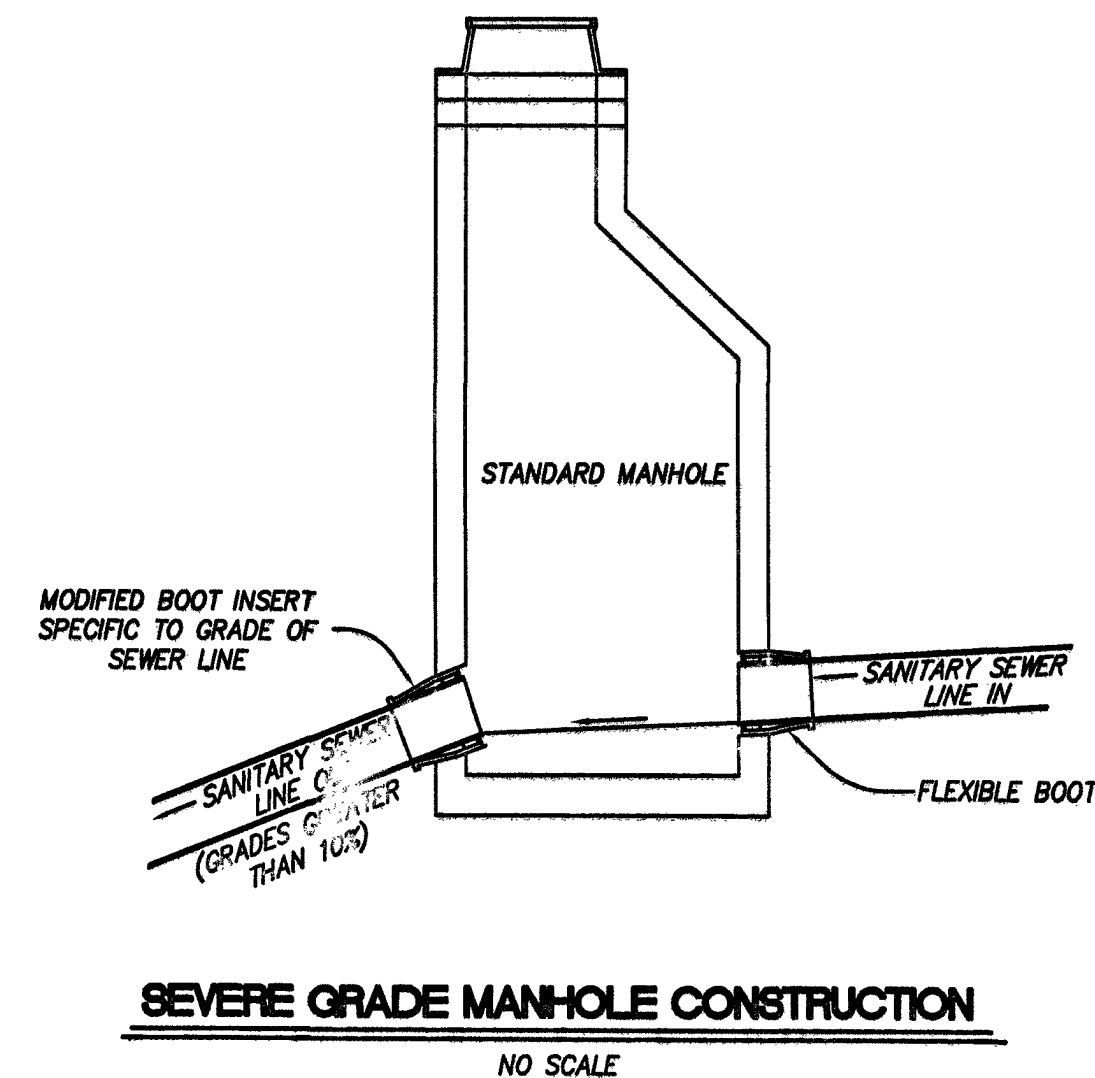
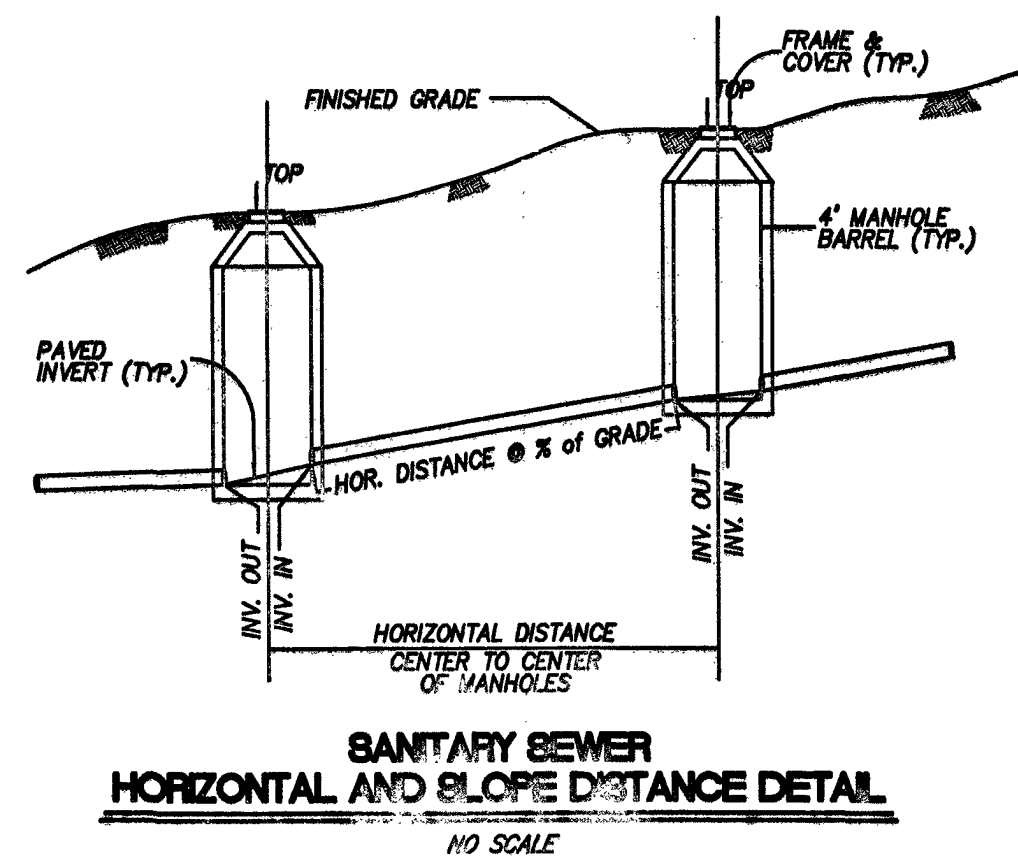
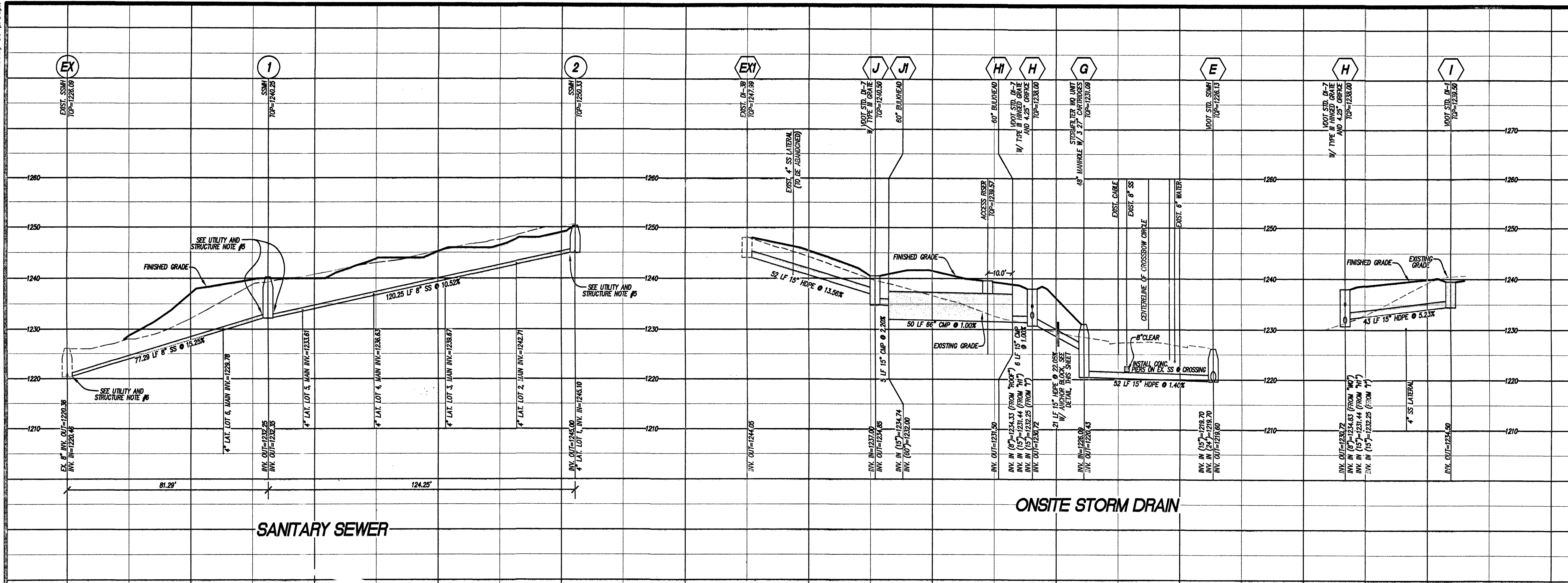




UTILITY AND STRUCTURE NOTES:

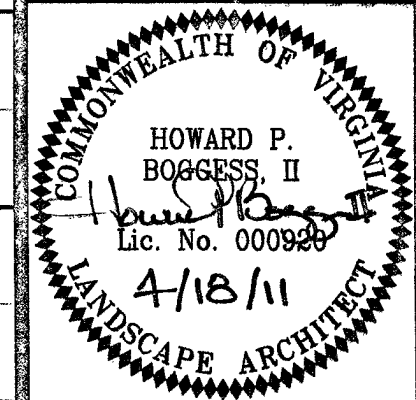
1. ALL WATER AND SANITARY SEWER LINES SHALL HAVE A MINIMUM THREE (3) FEET OF COVER.
2. MAINTAIN A MINIMUM OF 18" CLEARANCE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE AT ALL WATER, SANITARY SEWER AND STORM DRAIN CROSSINGS. WHERE 18" CLEARANCE CANNOT BE ACHIEVED, CONCRETE PIERS WILL BE REQUIRED, PER WESTERN VIRGINIA WATER AUTHORITY DETAIL (SEE SHEET 2, THIS SET).
3. ALL DROP INLETS SHALL HAVE VDOT STD. IS-1 INLET SHAPING.
4. ALL DRAINAGE STRUCTURES DEEPER THAN FOUR (4) FEET SHALL HAVE VDOT STD. ST-1 STEPS INSTALLED.
5. SANITARY SEWER MANHOLE MANUFACTURER TO INSTALL MODIFIED BOOT INSERT SPECIFIC TO STEEP SANITARY SEWER GRADE. SEE DETAIL, THIS SHEET.
6. EXISTING MANHOLE TO BE CORED FOLLOWING REMOVAL OF EXISTING 4" LATERAL (SEE NOTE #7, SHEET 3, THIS SET) AND A MODIFIED BOOT INSERT SPECIFIC TO STEEP SANITARY SEWER GRADE. IF EXISTING MANHOLE REPLACEMENT IS REQUIRED, MANHOLE MANUFACTURER TO INSTALL MODIFIED BOOT PER NOTE #5, ABOVE.

**SITE DEVELOPMENT PLANS FOR
QUAIL RIDGE TOWNHOMES**
PREPARED FOR
FYG PROPERTIES, L.L.C.
CAVE SPRING MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

REVISIONS		DESCRIPTION
NO.	DATE	
1		
2		
3		
4		
5		

DATE: April 18, 2011
SCALE: 1"=20'(H), 1"=10'(V)
COMMISSION NO.: 10-111
SHEET 5 OF 11

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**STORM DRAIN &
SANITARY SEWER
PROFILES**

APPROVED