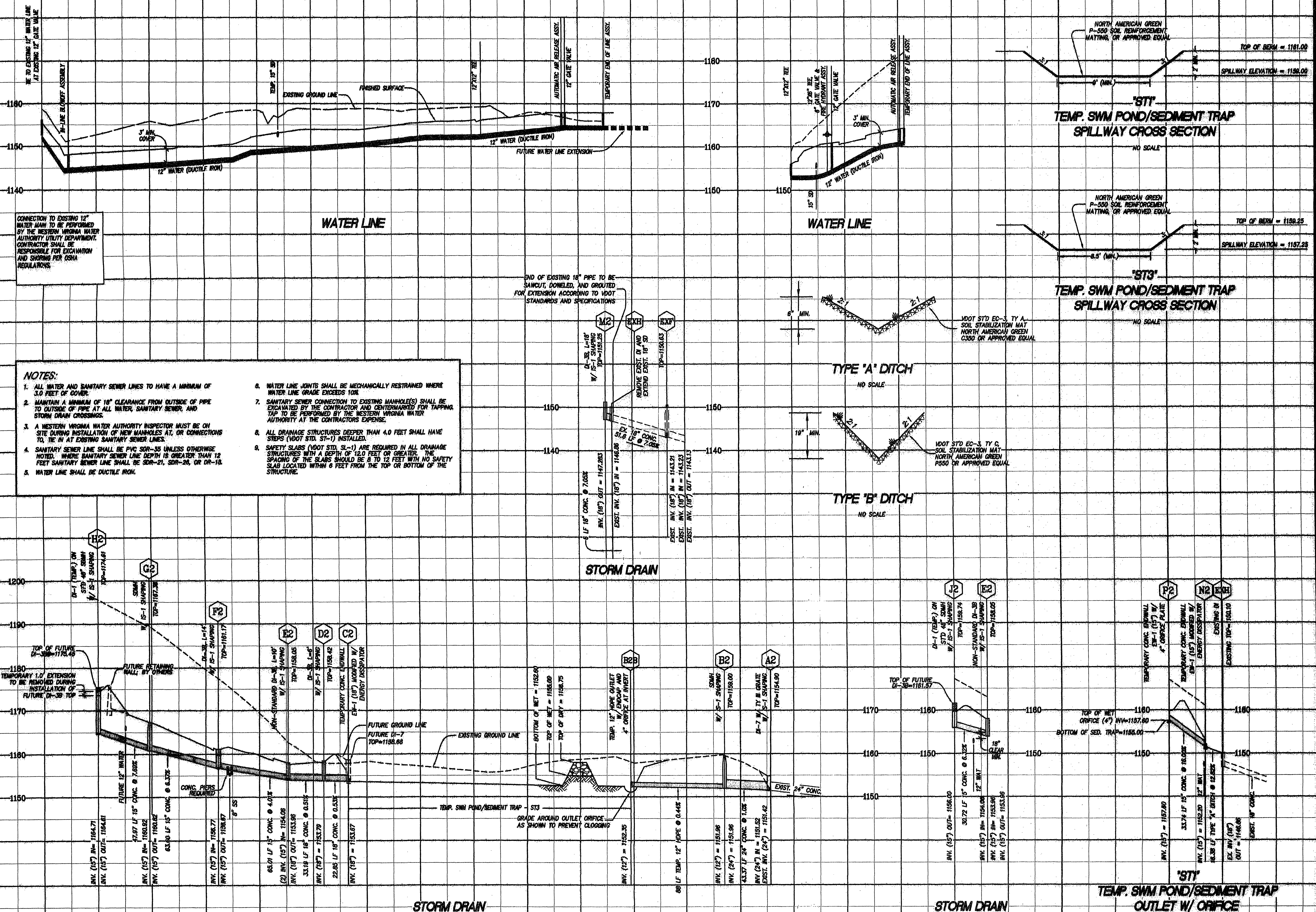




CONNECTION TO EXISTING 12" WATER MAIN TO BE PERFORMED BY THE WESTERN VIRGINIA WATER AUTHORITY UTILITY DEPARTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATION AND SHORING PER OSHA REGULATIONS.

- NOTES:**
1. ALL WATER AND SANITARY SEWER LINES TO 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.
 3. A WESTERN VIRGINIA WATER AUTHORITY INSPECTOR MUST BE ON SITE DURING INSTALLATION OF NEW MANHOLES AT, OR CONNECTIONS TO, THE IN AT EXISTING SANITARY SEWER LINES.
 4. SANITARY SEWER LINE SHALL BE PVC SD-35 UNLESS OTHERWISE NOTED. WHERE SANITARY SEWER LINE DEPTH IS GREATER THAN 12 FEET SANITARY SEWER LINE SHALL BE SD-21, SDN-26, OR DN-18.
 5. WATER LINE SHALL BE DUCTILE IRON.
 6. WATER LINE JOINTS SHALL BE MECHANICALLY RESTRAINED WHERE WATER LINE GRADE EXCEEDS 10%.
 7. SANITARY SEWER CONNECTION TO EXISTING MANHOLE(S) SHALL BE EXCAVATED BY THE CONTRACTOR AND CENTERMARKED FOR TAPPING. TAP TO BE PERFORMED BY THE WESTERN VIRGINIA WATER AUTHORITY AT THE CONTRACTOR'S EXPENSE.
 8. ALL DRAINAGE STRUCTURES DEEPER THAN 4.0 FEET SHALL HAVE STEPS (VDOT STD. ST-1) INSTALLED.
 9. SAFETY SLABS (VDOT STD. SL-1) ARE REQUIRED IN ALL DRAINAGE STRUCTURES WITH A DEPTH OF 12.0 FEET OR GREATER. THE SLABING OF THE SLABS SHOULD BE 6 TO 12 FEET WITH NO SAFETY SLAB LOCATED WITHIN 6 FEET FROM THE TOP OR BOTTOM OF THE STRUCTURE.

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PROFILES

WEST VILLAGE
PHASE II
PREPARED FOR
WEST VILLAGE, L.L.C.
CAVE SPRING MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

DATE: February 27, 2006
SCALE: 1" = 40'
COMMISSION NO: 2004-230
SHEET 8 OF 12

REVISIONS

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		