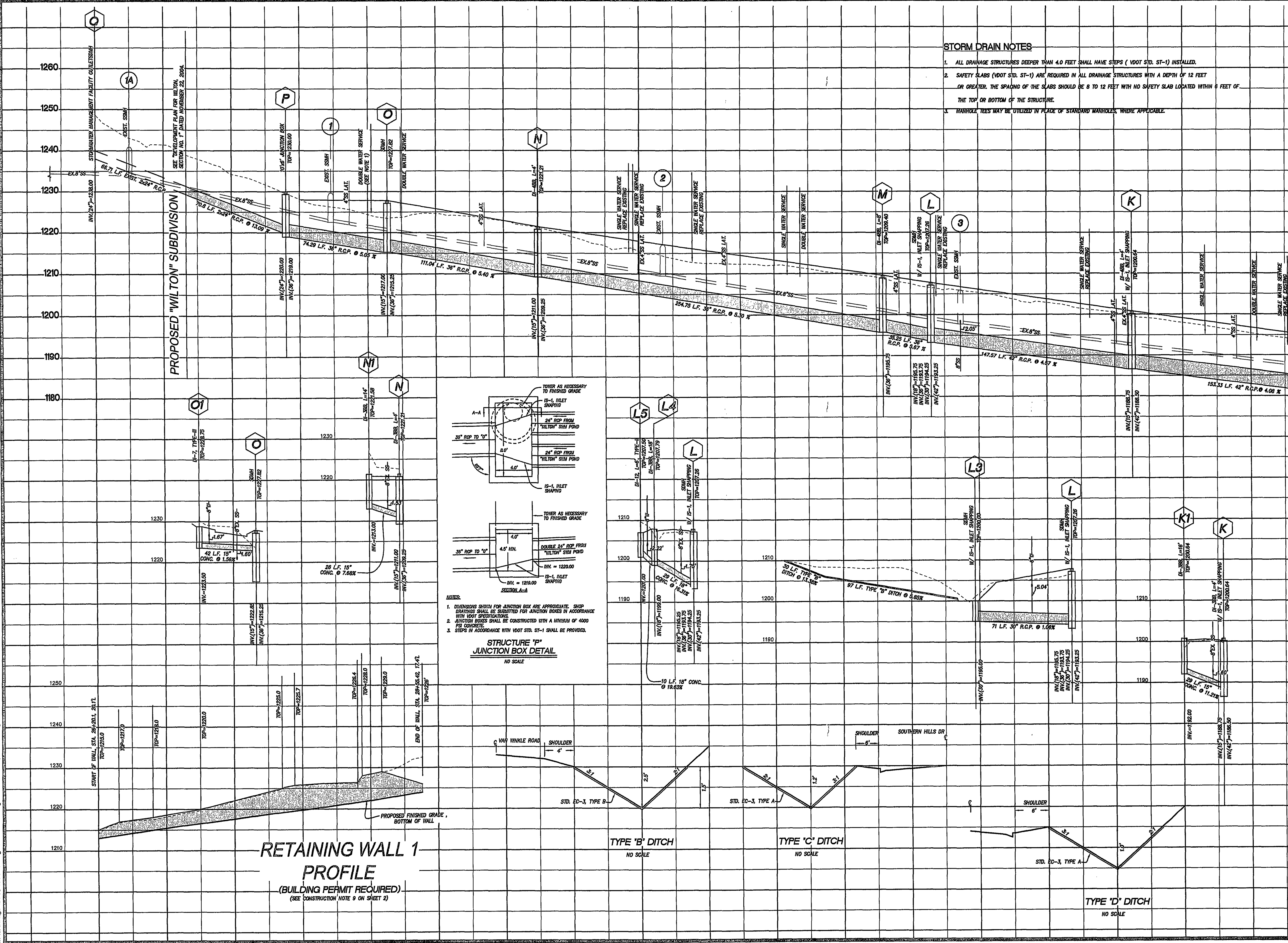
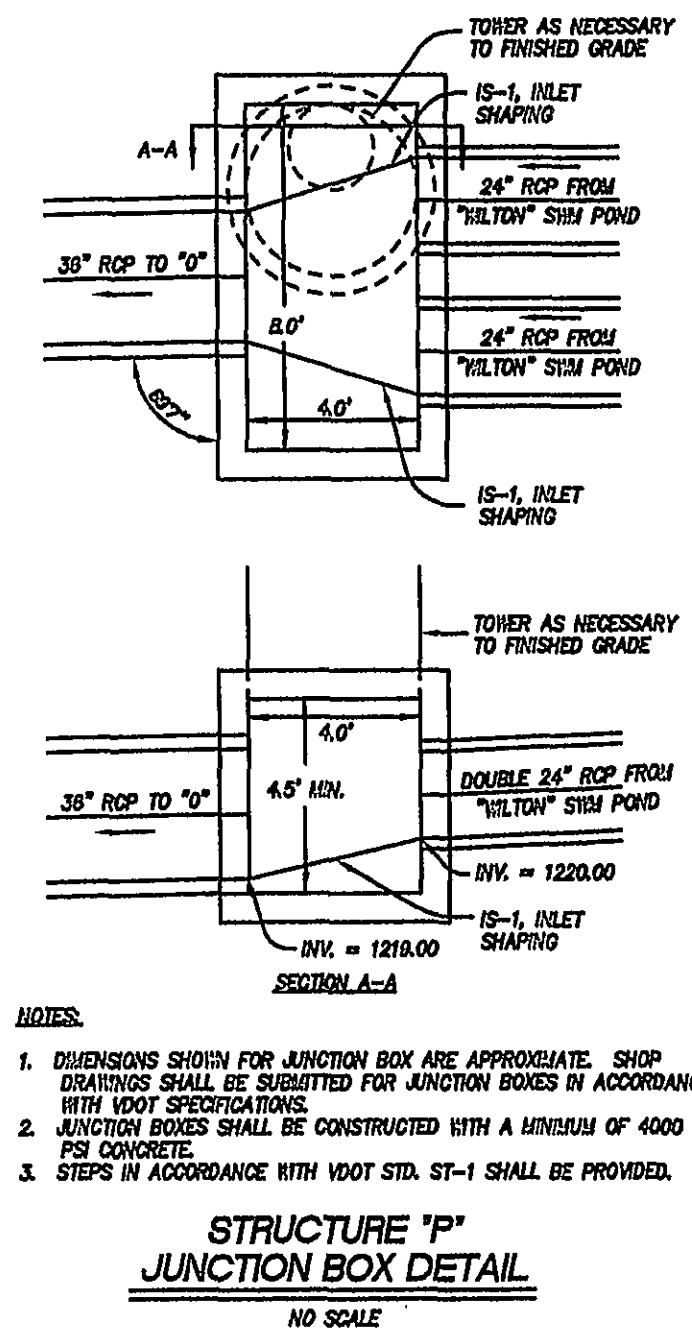




STORM DRAIN NOTES

1. ALL DRAINAGE STRUCTURES DEEPER THAN 4.0 FEET SHALL HAVE STEPS (VDOT STD. ST-1) INSTALLED.
2. SAFETY SLABS (VDOT STD. ST-1) ARE REQUIRED IN ALL DRAINAGE STRUCTURES WITH A DEPTH OF 12 FEET OR GREATER. THE SPACING OF THE SLABS SHOULD BE 8 TO 12 FEET WITH NO SAFETY SLAB LOCATED WITHIN 6 FEET OF THE TOP OR BOTTOM OF THE STRUCTURE.
3. MANHOLE TEES MAY BE UTILIZED IN PLACE OF STANDARD MANHOLES, WHERE APPLICABLE.



RETAINING WALL 1
PROFILE
(BUILDING PERMIT REQUIRED)
(SEE CONSTRUCTION NOTE 9 ON SHEET 2)

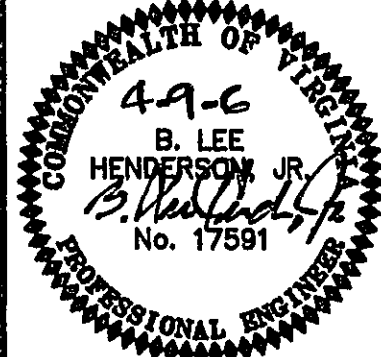
TYPE "B" DITCH
NO SCALE

TYPE "C" DITCH
NO SCALE

TYPE "D" DITCH
NO SCALE

SOUTHERN HILLS DRIVE ROAD AND
DRAINAGE IMPROVEMENTS
PREPARED FOR
THE CITY OF ROANOKE, VIRGINIA

STORM DRAIN
PROFILES



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FAX: (540) 775-9415
E-MAIL: MAIL@LUMSDENPC.COM

REVISIONS		DATE	DESCRIPTION
NO.	DATE		
1			
2			
3			
4			
5			

DATE: APRIL 9, 2006

SCALE:
HOR: 1" = 30', VER: 1" = 10'

COMMISSION NO.: 2003-374X

SHEET 7 OF 14