

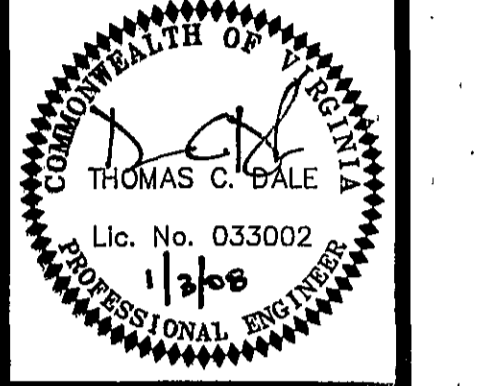
SOUTH ENTRANCE PROFILE

NORTH ENTRANCE PROFILE

- UTILITY AND STRUCTURE 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, SDR-35 UNLESS OTHERWISE NOTED. SANITARY SEWER LINES AT DEPTHS 12' OR GREATER SHALL BE SDR-26, OR SDR-21, OR CONCRETE ENCASED SDR-35.
 5. WATER LINE SHALL BE C900, DR-14 UNLESS OTHERWISE NOTED.
 6. WATER LINE JOINTS SHALL BE MECHANICALLY RESTRAINED WHERE WATER LINE GRADE EXCEEDS 10%.
 7. SANITARY SEWER CONNECTION TO EXISTING MANHOLE 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 DROP INLETS SHALL HAVE IS-1 SHAPING.
 9. ALL DRAINAGE STRUCTURES DEEPER THAN 4.0 FEET SHALL HAVE STEPS (WOOD STD. ST-1) INSTALLED.
 10. SAFETY SLABS (WOOD 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.
 11. HOPE PIPES AND FITTINGS SHALL BE SMOOTH WALL ADS N-12 OR APPROVED EQUAL.
 12. FOR BACKFILL OF HOPE PIPES AND FITTINGS SEE "HOPE PIPE BEDDING" DETAIL, THIS SHEET.

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TRACTOR SUPPLY COMPANY
 AT GANDER MOUNTAIN PLAZA
 PREPARED FOR
TCI ARCHITECTS/ENGINEERS/CONTRACTOR
 HOLLINS MAGISTERIAL DISTRICT
 ROANOKE COUNTY, VIRGINIA

STORM DRAIN, SANITARY SEWER AND ENTRANCE PROFILES

NO.	DATE	DESCRIPTION	DEVELOPER	REVISIONS
1	9/7/07			
2				
3				
4				
5				

DATE: January 3, 2008
 SCALE: (H) 1"=30' (V) 1"=10'
 COMMISSION NO: 2007-273
 SHEET 8 OF 12

APPROVED