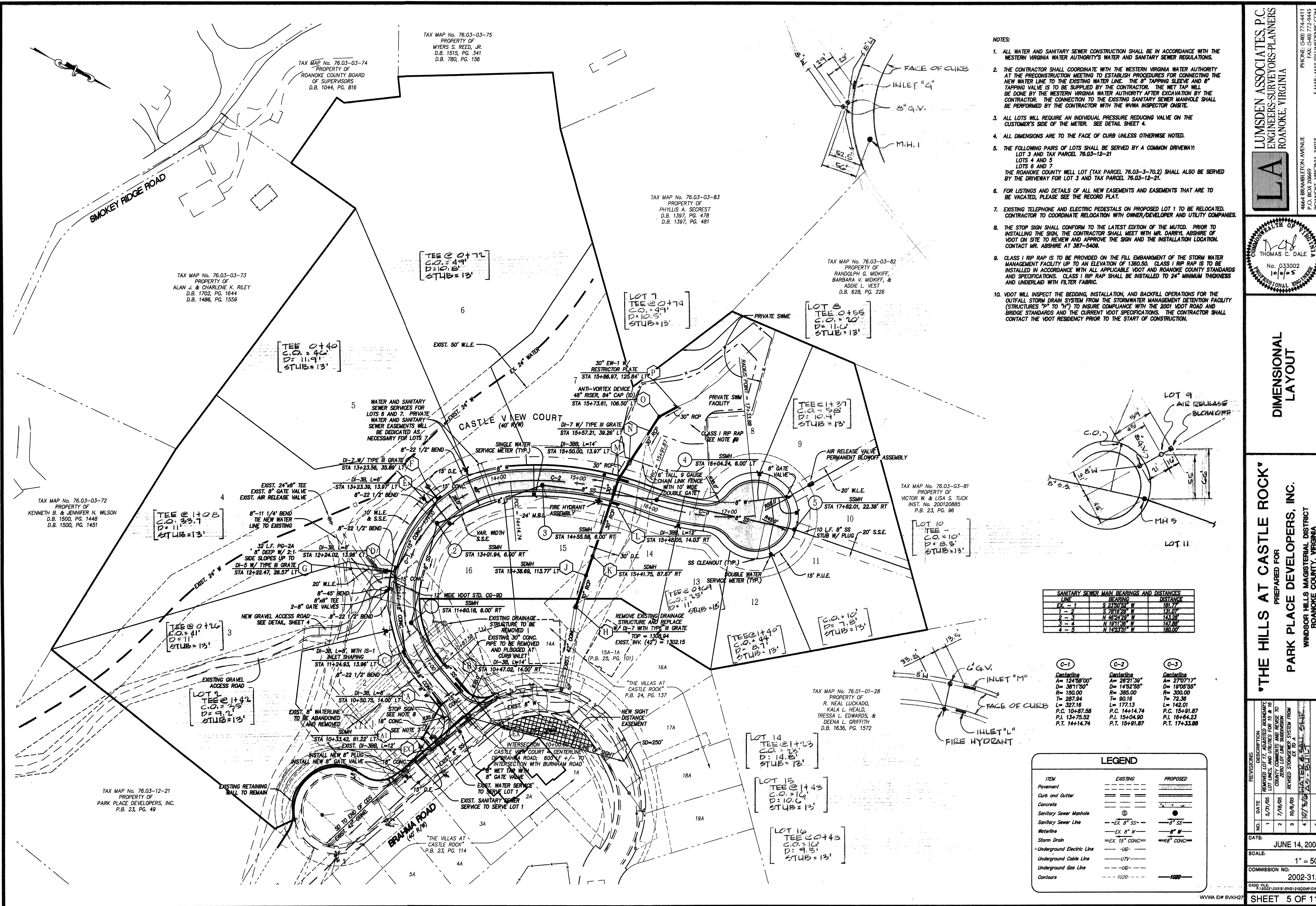
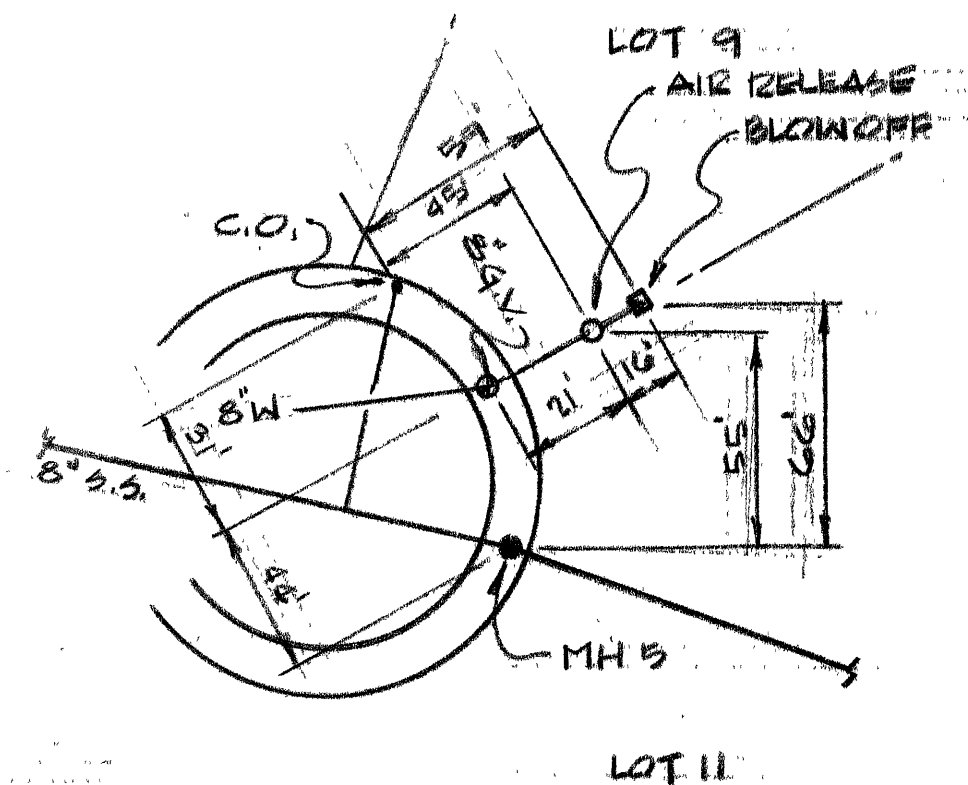




- NOTES:
1. ALL WATER AND SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE WESTERN VIRGINIA WATER AUTHORITY'S WATER AND SANITARY SEWER REGULATIONS.
 2. THE CONTRACTOR SHALL COORDINATE WITH THE WESTERN VIRGINIA WATER AUTHORITY AT THE PRECONSTRUCTION MEETING TO ESTABLISH PROCEDURES FOR CONNECTING THE NEW WATER LINE TO THE EXISTING WATER LINE. THE 8" TAPPING SLEEVE AND 8" TAPPING VALVE IS TO BE SUPPLIED BY THE CONTRACTOR. THE MET TAP WILL BE DONE BY THE WESTERN VIRGINIA WATER AUTHORITY AFTER EXCAVATION BY THE CONTRACTOR. THE CONNECTION TO THE EXISTING SANITARY SEWER MANHOLE SHALL BE PERFORMED BY THE CONTRACTOR WITH THE WVWA INSPECTOR ON SITE.
 3. ALL LOTS WILL REQUIRE AN INDIVIDUAL PRESSURE REDUCING VALVE ON THE CUSTOMER'S SIDE OF THE METER. SEE DETAIL SHEET 4.
 4. ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
 5. THE FOLLOWING PAIRS OF LOTS SHALL BE SERVED BY A COMMON DRIVEWAY: LOTS 3 AND TAX PARCEL 76.03-12-21 LOTS 4 AND 5 THE ROANOKE COUNTY WELL LOT (TAX PARCEL 76.03-3-70.2) SHALL ALSO BE SERVED BY THE DRIVEWAY FOR LOT 3 AND TAX PARCEL 76.03-12-21.
 6. FOR LISTINGS AND DETAILS OF ALL NEW EASEMENTS AND EASEMENTS THAT ARE TO BE VACATED, PLEASE SEE THE RECORD PLAT.
 7. EXISTING TELEPHONE AND ELECTRIC PEDESTALS ON PROPOSED LOT 1 TO BE RELOCATED. CONTRACTOR TO COORDINATE RELOCATION WITH OWNER/DEVELOPER AND UTILITY COMPANIES.
 8. THE STOP SIGN SHALL CONFORM TO THE LATEST EDITION OF THE MUTCD. PRIOR TO INSTALLING THE SIGN, THE CONTRACTOR SHALL MEET WITH MR. DARRYL ABBSHIRE OF VDOT ON SITE TO REVIEW AND APPROVE THE SIGN AND THE INSTALLATION LOCATION. CONTACT MR. ABBSHIRE AT 387-5408.
 9. CLASS 1 RIP RAP IS TO BE PROVIDED ON THE FILL EMBANKMENT OF THE STORM WATER MANAGEMENT FACILITY UP TO AN ELEVATION OF 1360.50. CLASS 1 RIP RAP IS TO BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE VDOT AND ROANOKE COUNTY STANDARDS AND SPECIFICATIONS. CLASS 1 RIP RAP SHALL BE INSTALLED TO 24" MINIMUM THICKNESS AND UNDERLAIN WITH FILTER FABRIC.
 10. VDOT WILL INSPECT THE BEDDING, INSTALLATION, AND BACKFILL OPERATIONS FOR THE OUTFALL STORM DRAIN SYSTEM FROM THE STORMWATER MANAGEMENT DETENTION FACILITY (STRUCTURES 7A TO 7H) TO INSURE COMPLIANCE WITH THE 2001 VDOT ROAD AND BRIDGE STANDARDS AND THE CURRENT VDOT SPECIFICATIONS. THE CONTRACTOR SHALL CONTACT THE VDOT RESIDENCY PRIOR TO THE START OF CONSTRUCTION.



SANITARY SEWER MAIN BEARINGS AND DISTANCES			
LINE	BEARING	DISTANCE	
EX-1	S 23°50'55" W	181.77	
1-2	S 78°16'29" W	131.07	
2-3	N 46°24'29" W	143.28	
3-4	N 19°11'58" W	147.88	
4-5	N 14°23'51" W	180.07	

	C-1	C-2	C-3
Centerline	A= 124°58'00"	A= 20°21'39"	A= 27°07'17"
D=	381'150"	D= 14°52'55"	D= 19°05'55"
R=	150.00	R= 385.00	R= 300.00
T=	287.94	T= 90.16	T= 72.36
L=	327.16	L= 177.13	L= 142.01
P.C. 10+47.58	P.C. 14+14.74	P.C. 15+91.87	
P.L. 13+75.52	P.L. 15+04.90	P.L. 18+84.23	
P.T. 14+14.74	P.T. 15+91.87	P.T. 17+33.88	

LEGEND		
ITEM	EXISTING	PROPOSED
Pavement	---	---
Curb and Gutter	---	---
Concrete	---	---
Sanitary Sewer Manhole	⊙	⊙
Sanitary Sewer Line	---EX. 8" SS---	---8" SS---
Waterline	---EX. 8" W---	---8" W---
Storm Drain	---EX. 15" CONC---	---18" CONC---
Underground Electric Line	---UG---	---
Underground Cable Line	---UTV---	---
Underground Gas Line	---UG---	---
Contours	---1020---	---1020---

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THOMAS C. DALE
No. 033002
10/6/05
PROFESSIONAL ENGINEER

DIMENSIONAL LAYOUT

"THE HILLS AT CASTLE ROCK"
PREPARED FOR
PARK PLACE DEVELOPERS, INC.
WINDSOR HILLS MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

NO.	DATE	DESCRIPTION
1	5/31/05	REMOVED LOT 7, ADJUSTED BOUNDARY, LOT LINES, AND UTILITIES FOR IS 15 TO COORDINATE WITH LOT LINE SUBDIVISION
2	7/18/05	REMOVED STORMSEWER SYSTEM FROM EX 2 TO A
3	10/9/05	MATERIAL & SALT, SALT, AS-BUILT
4	11/07/05	AS-BUILT

DATE: **JUNE 14, 2004**

SCALE: **1" = 50'**

COMMISSION NO.: **2002-312**

CADD FILE: **F:\2002\0229\12\ENR\12020MP.DWG**

SHEET **5** OF **11**