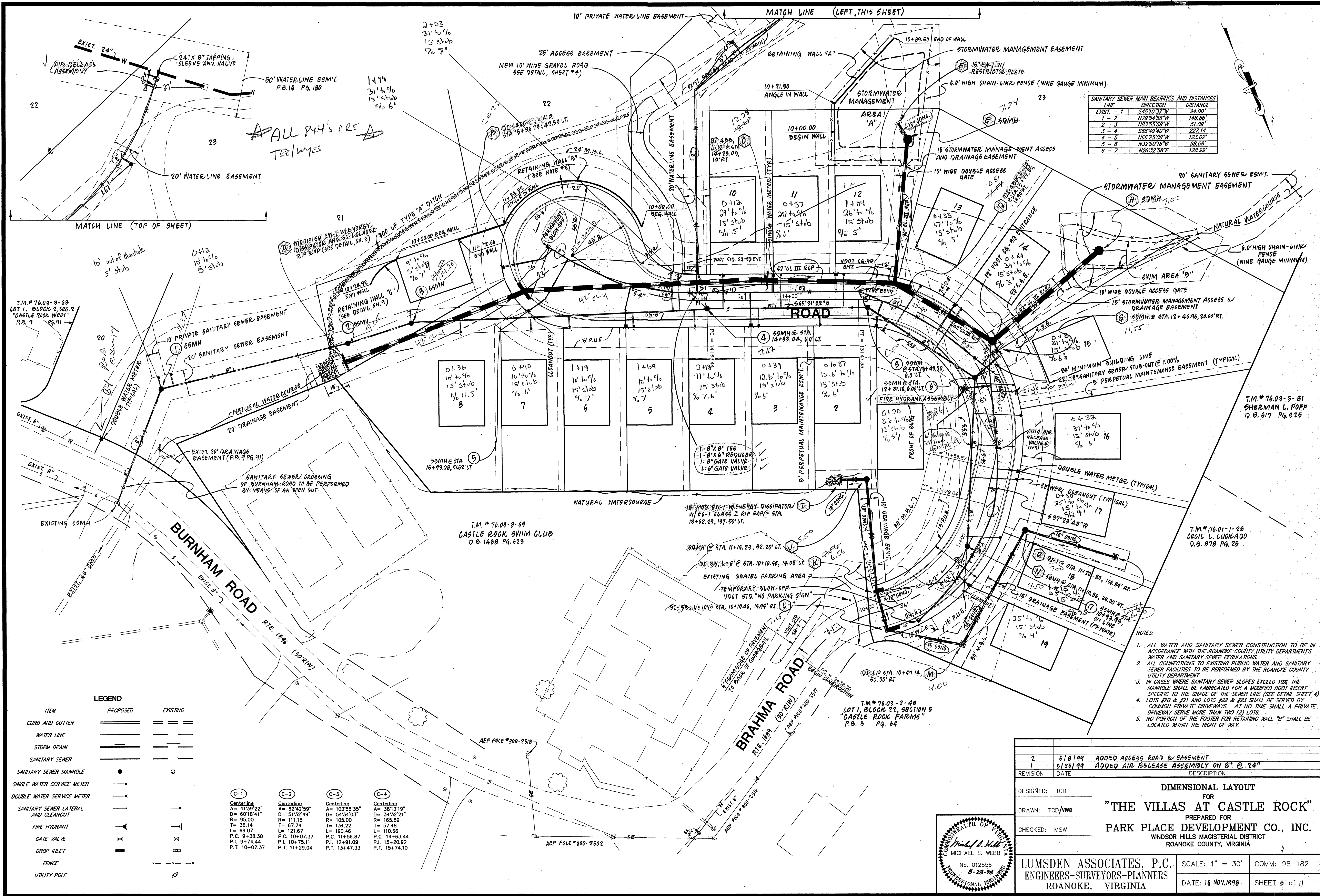




SANITARY SEWER MAIN BEARINGS AND DISTANCES		
LINE	DIRECTION	DISTANCE
EXIST - 1	S45°03'37\"	94.00'
1 - 2	N79°54'56\"	146.86'
2 - 3	N83°55'58\"	51.09'
3 - 4	S68°49'40\"	227.14'
4 - 5	N66°25'08\"	123.02'
5 - 6	N32°50'16\"	98.00'
6 - 7	N26°32'58\"	128.99'

T.M. # 76.03-3-68
LOT 1, BLOCK 2, SEC. 2
"CASTLE ROCK WEST"
P.B. 9 PG. 91

T.M. # 76.03-3-81
SHERMAN L. ROFF
D.B. 617 PG. 925

T.M. # 76.03-3-69
CASTLE ROCK SWIM CLUB
D.B. 1438 PG. 623

T.M. # 76.01-1-28
CECIL L. LUCKADO
D.B. 878 PG. 25

T.M. # 76.03-2-48
LOT 1, BLOCK 22, SECTION 5
"CASTLE ROCK FARMS"
P.B. 5 PG. 64

LEGEND		
ITEM	PROPOSED	EXISTING
CURB AND GUTTER	---	---
WATER LINE	---	---
STORM DRAIN	---	---
SANITARY SEWER	---	---
SANITARY SEWER MANHOLE	●	○
SINGLE WATER SERVICE METER	---	---
DOUBLE WATER SERVICE METER	---	---
SANITARY SEWER LATERAL AND CLEANOUT	---	---
FIRE HYDRANT	---	---
GATE VALVE	---	---
DROP INLET	---	---
FENCE	---	---
UTILITY POLE	---	---

C-1	C-2	C-3	C-4
Centerline A= 41°39'22" D= 60°18'41" R= 95.00 T= 36.14 L= 69.07 P.C. 9+38.30 P.T. 9+74.44 P.T. 10+07.37	Centerline A= 62°42'59" D= 51°32'49" R= 111.15 T= 67.74 L= 121.67 P.C. 10+07.37 P.T. 10+75.11 P.T. 11+29.04	Centerline A= 103°55'35" D= 54°34'03" R= 105.00 T= 134.22 L= 190.46 P.C. 11+56.87 P.T. 12+91.09 P.T. 13+47.33	Centerline A= 38°13'19" D= 34°32'21" R= 165.89 T= 57.48 L= 110.66 P.C. 14+63.44 P.T. 15+20.92 P.T. 15+74.10

- NOTES:
1. ALL WATER AND SANITARY SEWER CONSTRUCTION TO BE IN ACCORDANCE WITH THE ROANOKE COUNTY UTILITY DEPARTMENT'S WATER AND SANITARY SEWER REGULATIONS.
 2. ALL CONNECTIONS TO EXISTING PUBLIC WATER AND SANITARY SEWER FACILITIES TO BE PERFORMED BY THE ROANOKE COUNTY UTILITY DEPARTMENT.
 3. IN CASES WHERE SANITARY SEWER SLOPES EXCEED 10%, THE MANHOLE SHALL BE FABRICATED FOR A MODIFIED BOOT INSERT SPECIFIC TO THE GRADE OF THE SEWER LINE (SEE DETAIL SHEET 4).
 4. LOTS #20 & #21 AND LOTS #22 & #23 SHALL BE SERVED BY COMMON PRIVATE DRIVEWAYS. AT NO TIME SHALL A PRIVATE DRIVEWAY SERVE MORE THAN TWO (2) LOTS.
 5. NO PORTION OF THE FOOTER FOR RETAINING WALL "B" SHALL BE LOCATED WITHIN THE RIGHT OF WAY.

2	6/8/99	ADDED ACCESS ROAD & EASEMENT
1	5/25/99	ADDED AIR RELEASE ASSEMBLY ON 8" @ 24"
REVISION	DATE	DESCRIPTION
DESIGNED:	TCD	
DRAWN:	TCD/VNB	
CHECKED:	MSW	
DIMENSIONAL LAYOUT FOR "THE VILLAS AT CASTLE ROCK" PREPARED FOR PARK PLACE DEVELOPMENT CO., INC. WINDSOR HILLS MAGISTERIAL DISTRICT ROANOKE COUNTY, VIRGINIA		
LUMSDEN ASSOCIATES, P.C. ENGINEERS-SURVEYORS-PLANNERS ROANOKE, VIRGINIA		SCALE: 1" = 30' COMM: 98-182
DATE: 16 NOV. 1998		SHEET 5 of 11

