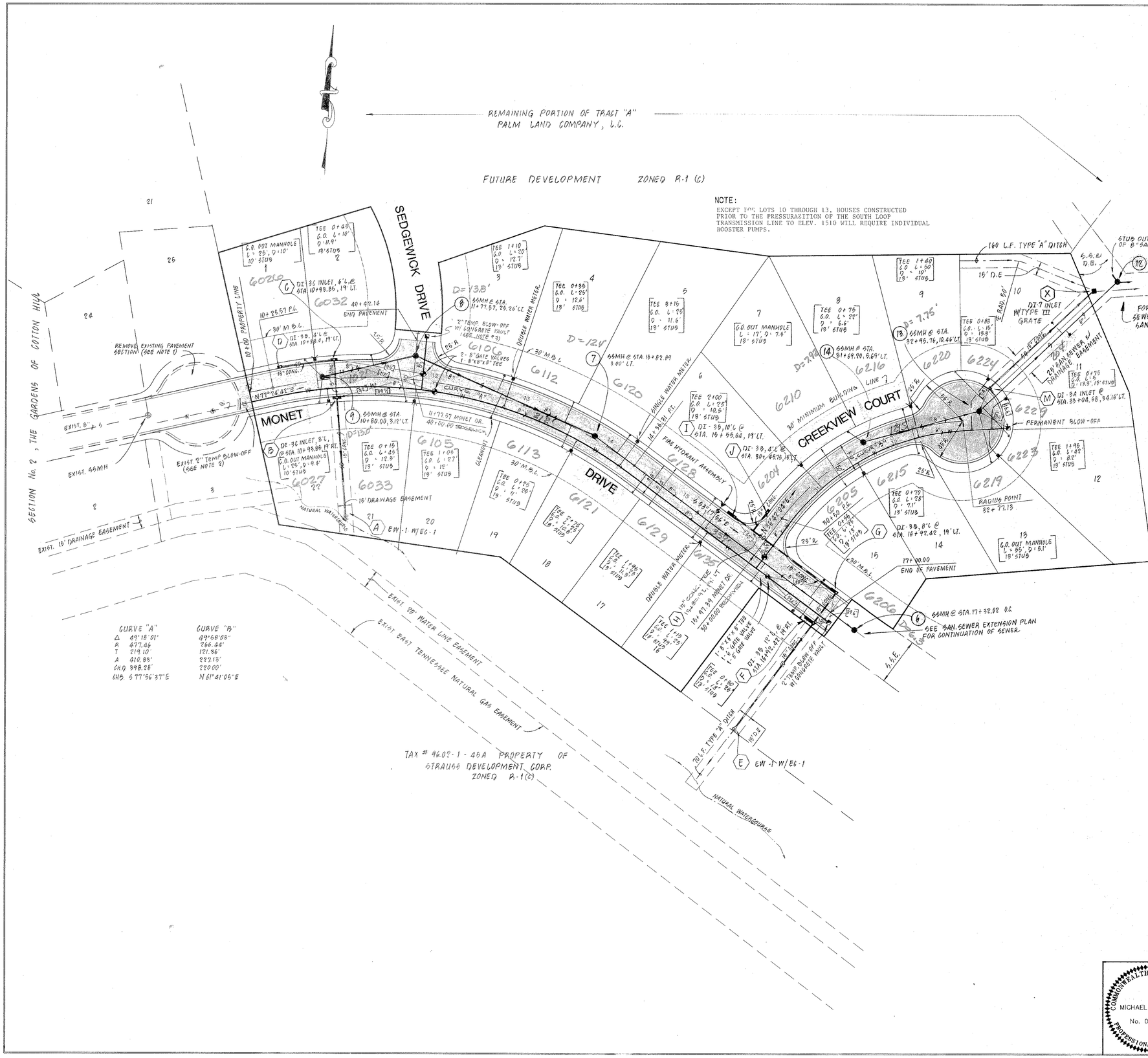
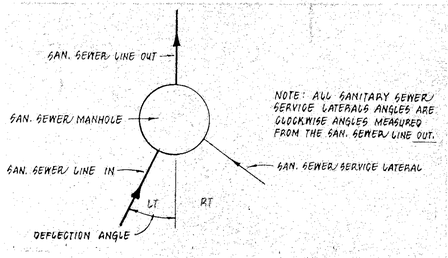


NOTE:
EXCEPT FOR LOTS 10 THROUGH 13, HOUSES CONSTRUCTED PRIOR TO THE PRESSURAZITION OF THE SOUTH LOOP TRANSMISSION LINE TO ELEV. 1510 WILL REQUIRE INDIVIDUAL BOOSTER PUMPS.

CURVE "A"	CURVE "B"
Δ 49°18'01"	49°58'03"
R 477.46	266.44'
T 219.10'	121.36'
A 410.89'	227.13'
CHD 398.28'	220.00'
CHB S 77°56'37"E	N 61°41'06"E



NOTE: ALL SANITARY SEWER SERVICE LATERALS ANGLES ARE CLOCKWISE ANGLES MEASURED FROM THE SAN. SEWER LINE OUT.

MANHOLE	DEFLECTION ANGLES	SANITARY SEWER SERVICE LATERAL	SANITARY SEWER SERVICE LATERAL
6	0°		
7	13°		
8	37°		
12	68°RT, 35°LT		
13	28° LT	118°	
14		230°	
9		72°, 240°	

LEGEND

EXISTING	PROPOSED	
		PAVEMENT
		CONCRETE CURB & GUTTER
		DOUBLE WATER METER
		SINGLE WATER METER
		CLEAN-OUT
		SANITARY SEWER LINE
		STORM DRAIN LINE
		WATER LINE
		DROP INLET
		MANHOLE
		GATE VALVE
		BLOW-OFF
		FIRE HYDRANT
1130	1130	CONTOURS

NOTES:

1) REMOVE EXISTING CONCRETE CURB FROM 8+89.22 RT. TO STA 8+89.22 LT EXISTING PAVEMENT SECTION OUTSIDE LIMITS OF PROPOSED PAVEMENT SECTION TO BE REMOVED. INSTALL NEW CONCRETE CURB & GUTTER. BACKFILL, GRADE AND SEED AS REQUIRED.
2) REMOVE EXISTING 2" TEMP. BLOW-OFF AND TIE-IN NEW 8" WATER LINE. REMOVAL OF BLOW-OFF SHALL BE COORDINATED WITH ROANOKE COUNTY UTILITY DEPARTMENT.
3) THE 2" TEMPORARY BLOW-OFF SHALL NOT BE INSTALLED IF SECTIONS 1 & 2 ARE CONSTRUCTED SIMULTANEOUSLY.

"AS – BUILT"

REVISION	DATE	DESCRIPTION

DESIGNED KLR
DRAWN PVR VWB
CHECKED MSW

DIMENSIONAL LAYOUT & UTILITIES PLAN
FOR
SECTION No. 1
"THE GROVES"
PREPARED FOR
PALM LAND COMPANY, L.C.
CAVE SPRING MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

COMMONWEALTH OF VIRGINIA
MICHAEL S. WEBB
No. 012656
PROFESSIONAL ENGINEER

LUMSDEN ASSOCIATES, P.C.
ENGINEERS–SURVEYORS–PLANNERS
ROANOKE, VIRGINIA

SCALE: 1" = 50'
COMM: #94-85
DATE: 18 OCT. 1994
SHEET 5 of 18

RC-5685