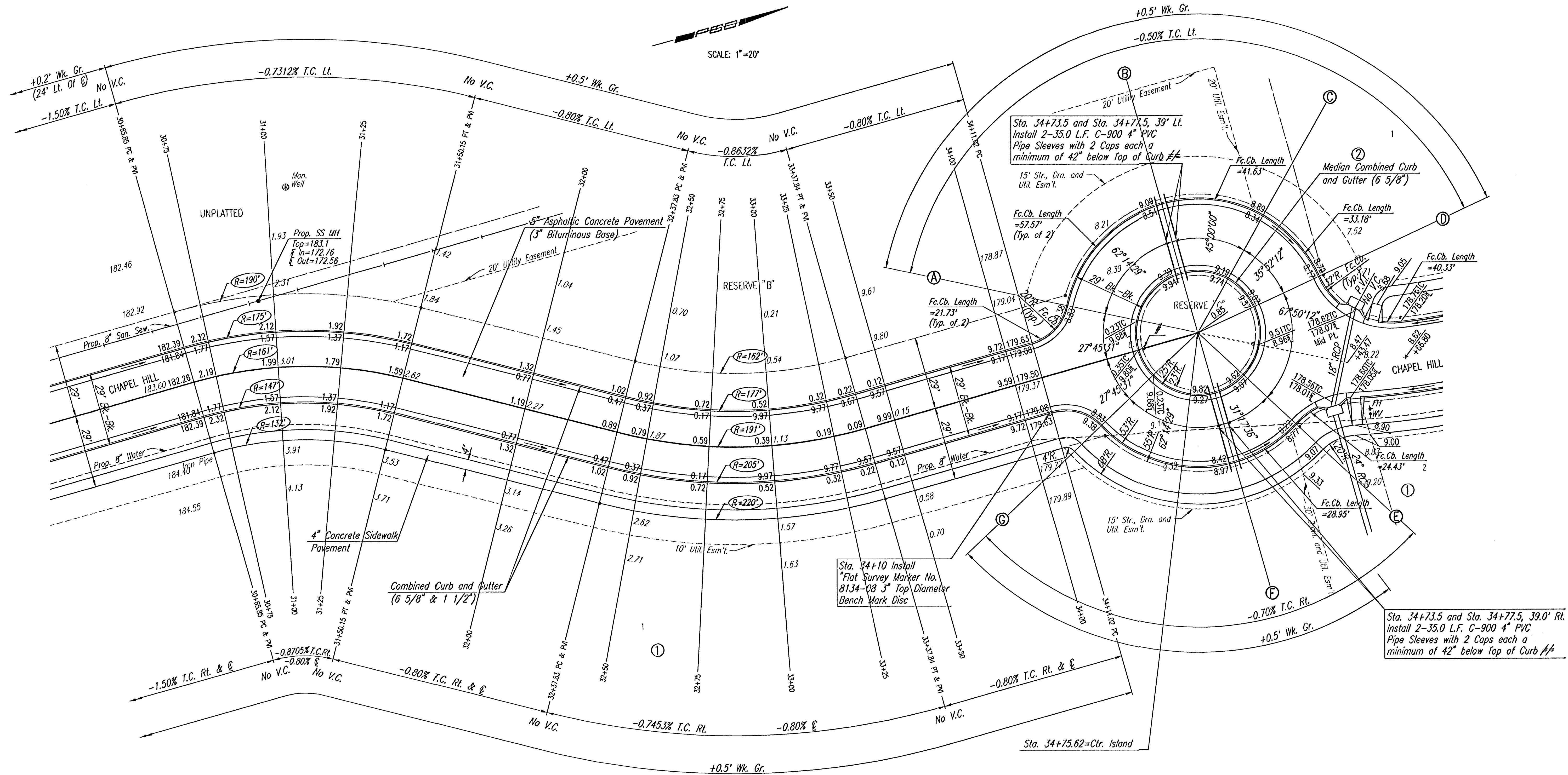




NOTE: TOTAL LENGTH OF MEDIAN COMBINED CURB AND GUTTER (6 5/8") FOR ISLAND = 157.08'

C CURVE DATA						
$\Delta=30^{\circ}00'00''$ $D=39^{\circ}35'15''$ $R=161.00'$ $L=84.30'$ $T=43.14'$ $E=5.68'$						
CURVE DATA BASED ON C RADIUS $\Delta/2=15^{\circ}00'00''$						
C STATION	C ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		C TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB	
30+65.85	—	—	—	—	—	0°00'00"
30+75	9.15'	9.95'	8.35'	10.40'	7.90'	1°37'41"
31+00	25.00'	27.17'	22.83'	28.39'	21.56'	6°04'35"
31+25	25.00'	27.17'	22.83'	28.39'	21.56'	10°31'30"
31+50.15	25.15'	27.34'	22.96'	28.56'	21.69'	15°00'00"
TOTAL	84.30'	91.63'	76.97'			

Defl./ft.=10.676157 min.

C CURVE DATA						
$\Delta=30^{\circ}00'00''$ $D=29^{\circ}59'52''$ $R=191.00'$ $L=100.01'$ $T=51.18'$ $E=6.74'$						
CURVE DATA BASED ON C RADIUS $\Delta/2=15^{\circ}00'00''$						
C STATION	C ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		C TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB	
32+37.83	—	—	—	—	—	0°00'00"
32+50	12.17'	11.27'	13.07'	10.77'	13.57'	1°49'31"
32+75	25.00'	23.17'	26.83'	22.10'	27.86'	5°44'59"
33+00	25.00'	23.17'	26.83'	22.10'	27.86'	9°19'28"
33+25	25.00'	23.17'	26.83'	22.10'	27.86'	13°04'27"
33+37.84	12.84'	11.90'	13.78'	11.36'	14.32'	1°55'33"
TOTAL	100.01'	92.68'	107.34'			

Defl./ft.=8.999100 min.

SEE SH. NO. 36 FOR SIGNING NOTES AND DETAILS

EACH END OF 4" PVC PIPE SLEEVE SHALL BE MARKED WITH STEEL "T" POSTS OR 2" STEEL PIPE A MAXIMUM OF 12" ABOVE GRADE. PIPE, CAPS, PIPE INSTALLATION AND MARKERS SHALL BE SUBSIDIARY TO "COMBINED CURB AND GUTTER (6 5/8" & 1 1/2")".

CHAPEL HILL ADDITION

CHAPEL HILL

STA. 30+65.85 TO STA. 34+75.62

Professional Engineering Consultants, P.A.

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Designed by	BER, CDD	Checked by	
Drawn by	DEP	Date	JANUARY, 2001
		Job No.	99127