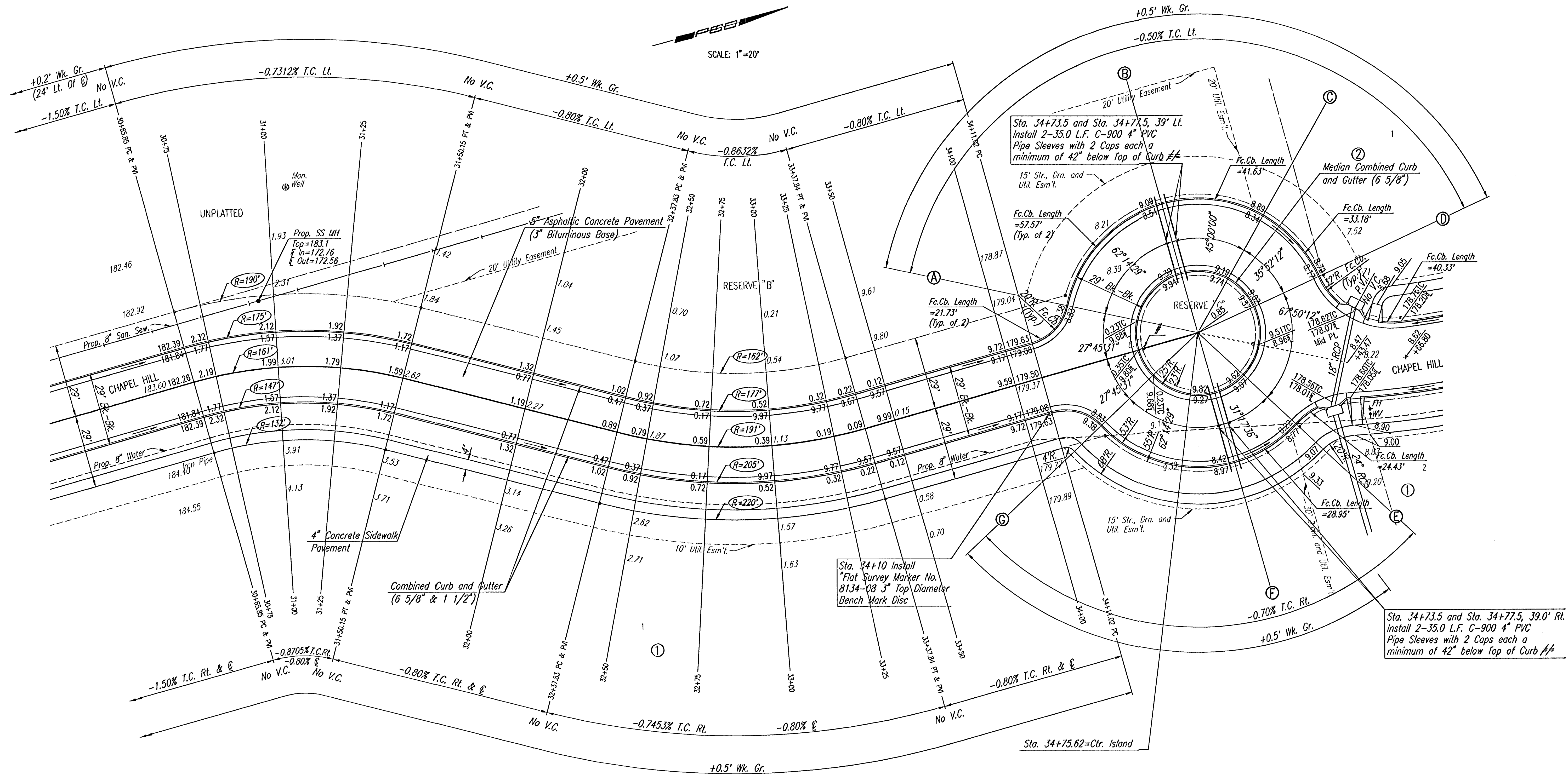




NOTE: TOTAL LENGTH OF MEDIAN COMBINED CURB AND GUTTER (6 5/8\") FOR ISLAND = 157.08'

| 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         |                          | DEFLECTION ANGLE | C TOTAL DEFLECTION |
|                                                           |              | LEFT CURB             | RIGHT CURB | 8'OFF LEFT FACE CURB | 8'OFF RIGHT FACE CURB    |                  |                    |
| 30+65.85                                                  | —            |                       |            |                      |                          | 0°00'00"         | 0°00'00"           |
| 30+75                                                     | 9.15'        | 9.95'                 | 8.35'      | 10.40'               | 7.90'                    | 1°37'41"         | 1°37'41"           |
| 31+00                                                     | 25.00'       | 27.17'                | 22.83'     | 28.39'               | 21.56'                   | 4°26'54"         | 6°04'35"           |
| 31+25                                                     | 25.00'       | 27.17'                | 22.83'     | 28.39'               | 21.56'                   | 4°26'54"         | 10°31'30"          |
| 31+50.15                                                  | 25.15'       | 27.34'                | 22.96'     | 28.56'               | 21.69'                   | 4°28'30"         | 15°00'00"          |
| TOTAL                                                     |              | 84.30'                | 91.63'     | 76.97'               | Defl./ft.=10.676157 min. |                  |                    |

Defl./ft.=10.676157 min.

| C CURVE DATA                                              |              |                       |            |                      |                       |                  |                    |
|-----------------------------------------------------------|--------------|-----------------------|------------|----------------------|-----------------------|------------------|--------------------|
| $\Delta=30^{\circ}00'00''$                                |              | $D=29^{\circ}59'52''$ |            | $R=191.00'$          | $T=51.18'$            | $E=6.74'$        |                    |
| CURVE DATA BASED ON C RADIUS $\Delta/2=15^{\circ}00'00''$ |              |                       |            |                      |                       |                  |                    |
| C STATION                                                 | C ARC LENGTH | FACE CURB LENGTH      |            | CHORD LENGTH         |                       | DEFLECTION ANGLE | C TOTAL DEFLECTION |
|                                                           |              | LEFT CURB             | RIGHT CURB | 8'OFF LEFT FACE CURB | 8'OFF RIGHT FACE CURB |                  |                    |
| 32+37.83                                                  | ---          |                       |            |                      |                       | 0°00'00"         | 0°00'00"           |
| 32+50                                                     | 12.17'       | 11.27'                | 13.07'     | 10.77'               | 13.57'                | 1°49'31"         | 1°49'31"           |
| 32+75                                                     | 25.00'       | 23.17'                | 26.83'     | 22.10'               | 27.86'                | 3°44'59"         | 5°34'30"           |
| 33+00                                                     | 25.00'       | 23.17'                | 26.83'     | 22.10'               | 27.86'                | 3°44'59"         | 9°19'28"           |
| 33+25                                                     | 25.00'       | 23.17'                | 26.83'     | 22.10'               | 27.86'                | 3°44'59"         | 13°04'27"          |
| 33+37.84                                                  | 12.84'       | 11.90'                | 13.78'     | 11.36'               | 14.32'                | 1°55'33"         | 15°00'00"          |

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\"/>

CHAPEL HILL ADDITION

CHAPEL HILL  
STA. 30+65.85 TO STA. 34+75.62



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