

# CONSTRUCTION PLANS FOR WATER DISTRIBUTION SYSTEM IMPROVEMENTS TO SERVE

## FAIRFIELD CLUB APARTMENTS

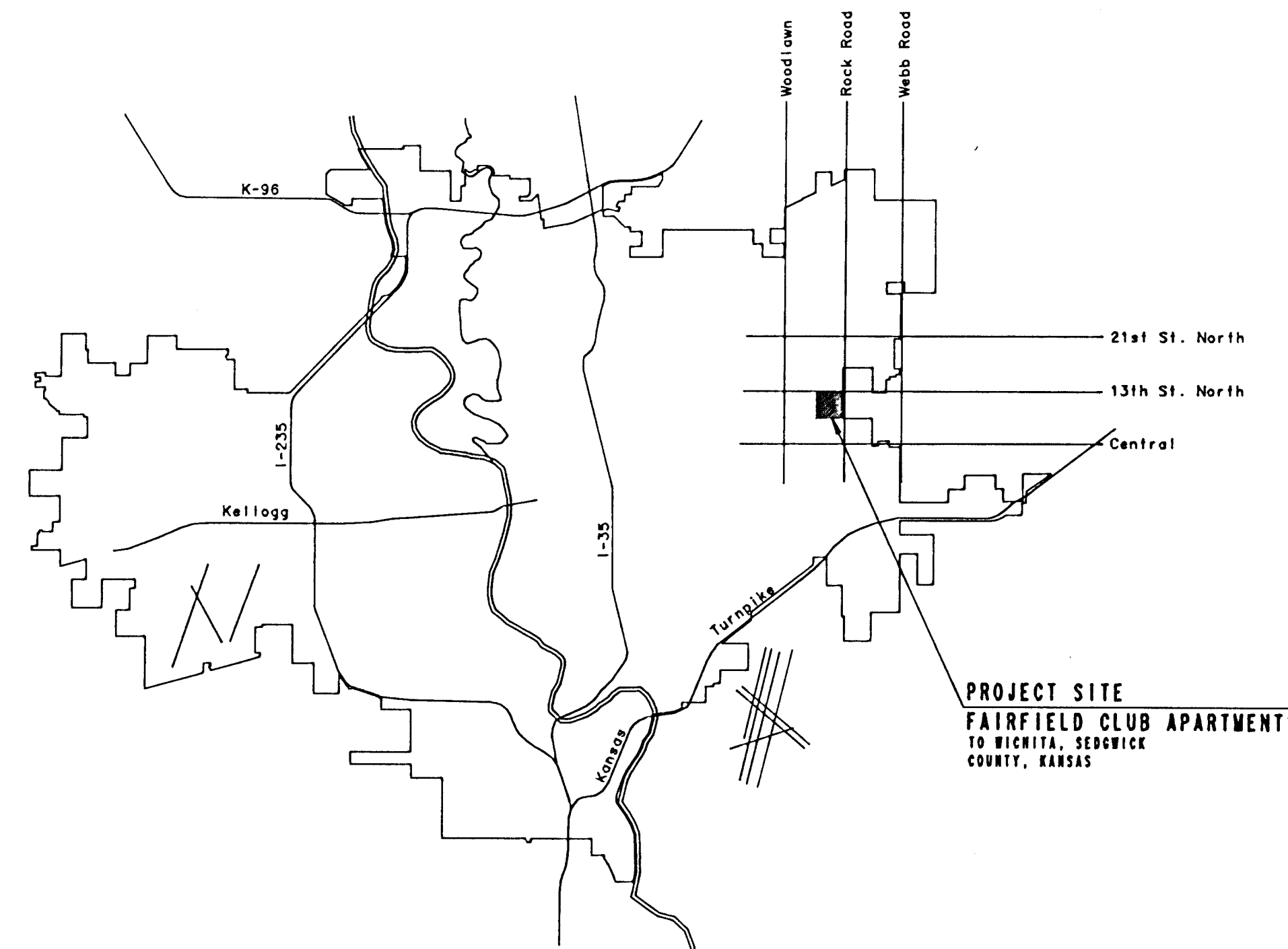
THE CITY OF WICHITA,

SEDGWICK COUNTY, KANSAS

MICHAEL E. LINDEBAK, P.E. CITY ENGINEER

### INDEX OF SHEETS

1. TITLE SHEET
2. SITE COORDINATES
3. UTILITY LAYOUT
4. PLAN/PROFILE
5. PLAN/PROFILE



LOCATION MAP

CITY OF WICHITA PROJECT NO. 468-76-245-80001-000-000-052

FEBRUARY, 1986

PLANS PREPARED BY

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.

ENGINEERS

WICHITA, KANSAS

APPROVED AS NOTED

By CITY ENGINEER OF WICHITA

Sanitary Sewers \_\_\_\_\_

Storm Sewers \_\_\_\_\_

Driveway Approaches \_\_\_\_\_

Water Mains *R. J. Jones* 3-5-86

Paving \_\_\_\_\_

### NOTE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The CONTRACTOR will pay the City of Wichita for all costs of plan review, inspection and booking per contract.





| BOUNDARY  |               |               |
|-----------|---------------|---------------|
| POINT NO. | NORTH         | EAST          |
| 1         | 3658.375822 N | 4950.000000 E |
| 2         | 3659.135408 N | 4850.002885 E |
| 3         | 3671.894644 N | 4750.008920 E |
| 4         | 3675.161549 N | 4320.018175 E |
| 5         | 3015.161549 N | 4320.018175 E |
| 6         | 3010.376168 N | 4950.000000 E |

| BUILDINGS |               |               |
|-----------|---------------|---------------|
| POINT NO. | NORTH         | EAST          |
| 1         | 3400.769889 N | 4736.934717 E |
| 2         | 3400.769779 N | 4638.434717 E |
| 3         | 3318.936479 N | 4638.434808 E |
| 4         | 3318.936589 N | 4736.934808 E |
| 5         | 3339.022401 N | 4800.304431 E |
| 6         | 3339.210801 N | 4765.438242 E |
| 7         | 3208.379259 N | 4764.817111 E |
| 8         | 3208.191059 N | 4799.583300 E |
| 9         | 3280.934423 N | 4923.000000 E |
| 10        | 3290.934423 N | 4878.583300 E |
| 11        | 3192.434423 N | 4878.583300 E |
| 12        | 3192.434423 N | 4923.000000 E |
| 13        | 3172.434423 N | 4923.000000 E |
| 14        | 3172.434423 N | 4878.583300 E |
| 15        | 3030.934423 N | 4878.583300 E |
| 16        | 3030.934423 N | 4923.000000 E |
| 17        | 3067.903889 N | 4836.862888 E |
| 18        | 3068.912880 N | 4704.033501 E |
| 19        | 3034.247180 N | 4703.770178 E |
| 20        | 3033.238199 N | 4836.862888 E |
| 21        | 3133.328291 N | 4871.521852 E |
| 22        | 3133.698589 N | 4822.773258 E |
| 23        | 3032.888198 N | 4822.007344 E |
| 24        | 3032.497900 N | 4878.583300 E |
| 25        | 3133.880889 N | 4898.779951 E |
| 26        | 3134.233463 N | 4552.358590 E |
| 27        | 3035.738304 N | 4551.810399 E |
| 28        | 3035.383730 N | 4598.025760 E |
| 29        | 3068.367845 N | 4512.483630 E |
| 30        | 3069.376826 N | 4379.654362 E |
| 31        | 3034.711126 N | 4379.391039 E |
| 32        | 3033.702145 N | 4512.220507 E |
| 33        | 3267.021987 N | 4497.518175 E |
| 34        | 3267.021987 N | 4340.018175 E |
| 35        | 3218.605387 N | 4340.018175 E |
| 36        | 3218.605387 N | 4497.518175 E |
| 37        | 3339.438687 N | 4497.518175 E |
| 38        | 3339.438687 N | 4340.018175 E |
| 39        | 3291.021987 N | 4340.018175 E |
| 40        | 3291.021987 N | 4725.538698 E |
| 41        | 3231.021105 N | 4725.538698 E |
| 42        | 3239.092131 N | 4571.376446 E |
| 43        | 3191.926792 N | 4571.018175 E |
| 44        | 3190.755766 N | 4725.180427 E |
| 45        | 3400.622570 N | 4616.434717 E |
| 46        | 3400.622570 N | 4570.018175 E |
| 47        | 3259.122518 N | 4570.018175 E |
| 48        | 3259.122570 N | 4616.434875 E |
| 49        | 3456.338469 N | 4561.184875 E |
| 50        | 3456.338469 N | 4407.018175 E |
| 51        | 3409.171769 N | 4407.018175 E |
| 52        | 3409.171769 N | 4561.184875 E |
| 53        | 3527.505169 N | 4561.184875 E |
| 54        | 3527.505169 N | 4407.018175 E |
| 55        | 3480.338469 N | 4407.018175 E |
| 56        | 3480.338469 N | 4561.184875 E |
| 57        | 3646.089100 N | 4497.518175 E |
| 58        | 3648.006055 N | 4340.385941 E |
| 59        | 3599.590752 N | 4340.018175 E |
| 60        | 3599.394407 N | 4497.513631 E |
| 61        | 3580.022780 N | 4732.881397 E |
| 62        | 3580.219105 N | 4575.385941 E |
| 63        | 3532.803802 N | 4575.018175 E |
| 64        | 3531.807457 N | 4732.513631 E |
| 65        | 3574.588184 N | 4801.583300 E |
| 66        | 3574.844244 N | 4754.417295 E |
| 67        | 3420.879816 N | 4753.580348 E |
| 68        | 3420.423755 N | 4800.746353 E |
| 69        | 3633.580194 N | 4923.000000 E |
| 70        | 3633.580194 N | 4878.583300 E |
| 71        | 3492.080194 N | 4878.583300 E |
| 72        | 3492.080194 N | 4923.000000 E |
| 73        | 3472.080194 N | 4878.583300 E |
| 74        | 3472.080194 N | 4878.583300 E |
| 75        | 3373.580194 N | 4878.583300 E |
| 76        | 3373.580194 N | 4923.000000 E |

| SANITARY SEWER MANHOLES |               |               |
|-------------------------|---------------|---------------|
| POINT NO.               | NORTH         | SOUTH         |
| 01                      | 3023.452774 N | 4545.011540 E |
| 02                      | 3177.434423 N | 4745.079815 E |
| 03                      | 3247.768900 N | 4745.074080 E |
| 04                      | 3248.674192 N | 4626.434887 E |
| 05                      | 3252.122518 N | 4570.018175 E |
| 06                      | 3219.081987 N | 4497.518175 E |
| 07                      | 3420.723247 N | 4745.589466 E |
| 08                      | 3410.622581 N | 4626.434706 E |
| 09                      | 3410.622515 N | 4567.184875 E |
| 10                      | 3581.281401 N | 4567.184875 E |
| 11                      | 3581.814885 N | 4497.518175 E |
| 12                      | 3680.414657 N | 4345.000000 E |
| 13                      | 3177.434423 N | 4945.000000 E |
| 01                      | 3177.434423 N | 4535.000000 E |
| 02                      | 3492.080194 N | 4945.000000 E |
| 03                      | 3492.080194 N | 4871.583300 E |
| 04                      | 3410.769960 N | 4800.693943 E |
| 05                      | 3410.622515 N | 4567.184875 E |
| 06                      | 3565.622515 N | 4567.184875 E |
| 07                      | 3177.434423 N | 4945.000000 E |

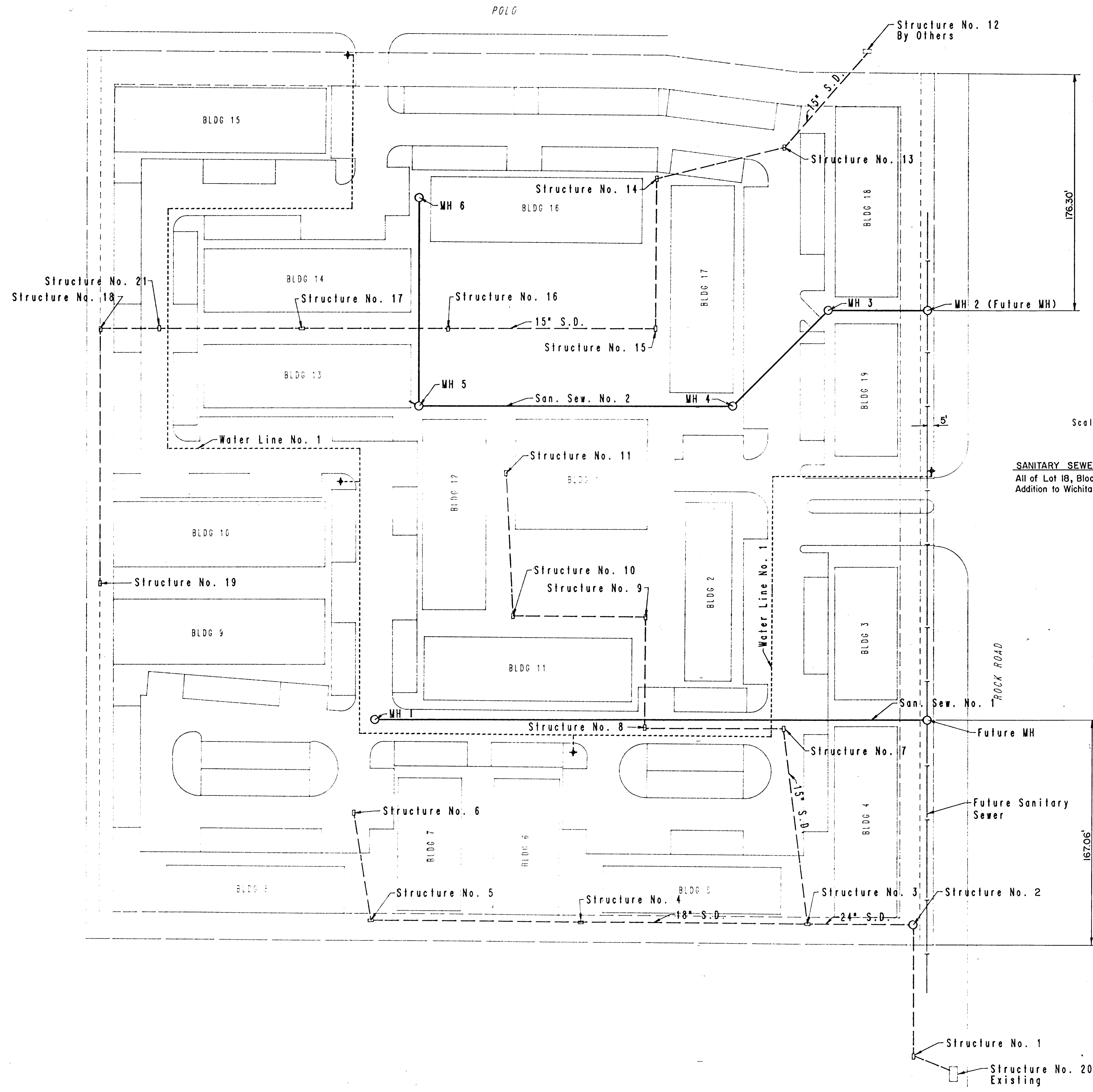
| CARPORTS  |               |               |
|-----------|---------------|---------------|
| POINT NO. | NORTH         | SOUTH         |
| 01        | 3283.640421 N | 4871.583213 E |
| A 02      | 3283.640421 N | 4853.583213 E |
| 03        | 3211.640421 N | 4853.583213 E |
| 04        | 3211.640421 N | 4871.583213 E |
| 05        | 3166.640421 N | 4871.583213 E |
| 06        | 3166.640421 N | 4853.583213 E |
| B 07      | 3094.640421 N | 4853.583213 E |
| 08        | 3094.640421 N | 4871.583213 E |
| 09        | 3095.118440 N | 4808.721756 E |
| 10        | 3095.528616 N | 4754.723314 E |
| 11        | 3077.529135 N | 4754.586589 E |
| 12        | 3077.118959 N | 4808.585031 E |
| 13        | 3201.102206 N | 4811.261471 E |
| 14        | 3201.512382 N | 4757.263059 E |
| 15        | 3183.512901 N | 4757.126333 E |
| 16        | 3183.102726 N | 4811.124746 E |
| 17        | 3160.142033 N | 4874.211785 E |
| 18        | 3160.547851 N | 4820.813325 E |
| 19        | 3142.548170 N | 4820.876800 E |
| 20        | 3142.142552 N | 4874.075059 E |
| 21        | 3160.682857 N | 4803.013839 E |
| 22        | 3161.088496 N | 4549.612497 E |
| F 23      | 3143.089018 N | 4549.615772 E |
| 24        | 3142.683376 N | 4802.877114 E |
| 25        | 3096.500314 N | 4495.151006 E |
| 26        | 3097.183940 N | 4405.153602 E |
| 27        | 3079.184459 N | 4405.016877 E |
| 28        | 3078.500833 N | 4495.014280 E |
| 29        | 3205.481236 N | 4464.829507 E |
| 30        | 3211.139342 N | 4392.852172 E |
| H 31      | 3193.195008 N | 4391.437646 E |
| 32        | 3187.536902 N | 4463.214981 E |
| 33        | 3249.438687 N | 4520.518175 E |
| 34        | 3249.438687 N | 4503.018175 E |
| I 35      | 3195.438687 N | 4502.518175 E |
| 36        | 3195.438687 N | 4520.518175 E |
| 37        | 3348.438687 N | 4520.518175 E |
| J 38      | 3348.438687 N | 4502.518175 E |
| 39        | 3294.438687 N | 4502.518175 E |
| 40        | 3294.438687 N | 4520.518175 E |
| 41        | 3251.438687 N | 4566.018175 E |
| 42        | 3251.438687 N | 4548.018175 E |
| K 43      | 3197.438687 N | 4548.018175 E |
| 44        | 3197.438687 N | 4566.018175 E |
| 45        | 3350.438687 N | 4548.018175 E |
| 46        | 3350.438687 N | 4548.018175 E |
| L 47      | 3314.438687 N | 4548.018175 E |
| 48        | 3314.438687 N | 4566.018175 E |
| 49        | 3402.438687 N | 4548.018175 E |
| 50        | 3402.438687 N | 4503.018175 E |
| M 51      | 3384.438687 N | 4503.018175 E |
| 52        | 3384.438687 N | 4548.018175 E |
| 53        | 3360.438687 N | 4441.018175 E |
| N 54      | 3360.438687 N | 4396.018175 E |
| 55        | 3342.438687 N | 4396.018175 E |
| 56        | 3342.438687 N | 4441.018175 E |
| 57        | 3450.346687 N | 4402.018175 E |
| 58        | 3450.346687 N | 4384.018175 E |
| O 59      | 3396.346687 N | 4384.018175 E |
| 60        | 3396.346687 N | 4402.018175 E |
| 61        | 3540.346687 N | 4402.018175 E |
| 62        | 3540.346687 N | 4384.018175 E |
| P 63      | 3486.346687 N | 4384.018175 E |
| 64        | 3486.346687 N | 4402.018175 E |
| 65        | 3552.255169 N | 4479.018175 E |
| 66        | 3552.255169 N | 4407.018175 E |
| 67        | 3534.255169 N | 4407.018175 E |
| 68        | 3534.255169 N | 4479.018175 E |
| 69        | 3593.678257 N | 4460.152071 E |
| 70        | 3594.088608 N | 4406.153631 E |
| R 71      | 3576.016847 N | 4406.016847 E |
| 72        | 3575.678276 N | 4460.015288 E |
| 73        | 3603.793628 N | 4631.486171 E |
| 74        | 3604.321311 N | 4562.018175 E |
| S 75      | 3586.321831 N | 4561.881450 E |
| 76        | 3585.794147 N | 4631.347615 E |
| 77        | 3602.936143 N | 4744.371615 E |
| 78        | 3603.595749 N | 4657.536419 E |
| -T 79     | 3585.596288 N | 4657.399694 E |
| 80        | 3584.936662 N | 4744.234890 E |
| 81        | 3594.810573 N | 4809.007615 E |
| 82        | 3171.851487 N | 4755.442683 E |
| 83        | 3583.796510 N | 4753.162378 E |
| 84        | 3576.955986 N | 4806.727310 E |
| 85        | 3613.695788 N | 4868.583300 E |
| 86        | 3613.695770 N | 4850.583300 E |
| 87        | 3523.695770 N | 4850.583300 E |
| 88        | 3523.695788 N | 4868.583387 E |
| 89        | 3457.257212 N | 4868.583451 E |
| 90        | 3457.257194 N | 4850.583451 E |
| W 91      | 3385.257194 N | 4850.583521 E |
| 92        | 3385.257212 N | 4868.583521 E |

| STREET CENTERLINE P.I.'s |               |               |
|--------------------------|---------------|---------------|
| POINT NO.                | NORTH         | SOUTH         |
| 01                       | 3332.257423 N | 4950.500000 E |
| 02                       | 3332.257423 N | 4838.583300 E |
| 03                       | 3170.893802 N | 4838.583300 E |
| 04                       | 3173.192106 N | 4536.018175 E |
| 05                       | 3372.438687 N | 4536.018175 E |
| 06                       | 3372.438687 N | 4372.018175 E |
| 07                       | 3564.255169 N | 4372.018175 E |
| 08                       | 3564.255169 N | 4531.255288 E |
| 09                       | 3616.652317 N | 4531.652541 E |
| 10                       | 3614.922173 N | 4746.256278 E |
| 11                       | 3603.130854 N | 4838.583300 E |
| 12                       | 3558.814883 N | 4838.583300 E |
| 13                       | 3106.891958 N | 4838.583300 E |
| 14                       | 3107.819557 N | 4704.819535 E |
| 15                       | 3171.913811 N | 4704.302069 E |
| 16                       | 3173.315792 N | 4519.735193 E |
| 17                       | 3171.045627 N | 4519.717949 E |
| 18                       | 3108.317585 N | 4519.241463 E |
| 19                       | 3109.435498 N | 4372.018175 E |
| 20                       | 3182.688592 N | 4372.018175 E |
| 21                       | 3673.050687 N | 4532.081706 E |
| 22                       | 3359.255506 N | 4757.421186 E |

| GARAGES   |               |               |
|-----------|---------------|---------------|
| POINT NO. | NORTH         | SOUTH         |
| 01        | 3159.118964 N | 4808.895899 E |
| 02        | 3159.665864 N | 4736.897976 E |
| 1 03      | 3139.666441 N | 4736.746059 E |
| 04        | 3139.119541 N | 4808.743982 E |
| 05        | 3139.119541 N | 4808.743982 E |
| 06        | 3139.666441 N | 4736.746059 E |
| 2 07      | 3119.667018 N | 4736.594142 E |
| 08        | 3119.120118 N | 4808.592065 E |
| 09        | 3160.588038 N | 4486.478404 E |
| 3 10      | 3161.183304 N | 4405.480398 E |
| 11        | 3140.588615 N | 4486.324887 E |
| 12        | 3141.183881 N | 4405.328481 E |
| 13        | 3121.184458 N | 4405.176565 E |
| 4 14      | 3120.569192 N | 4486.174570 E |
| 15        | 3187.526272 N | 4360.018175 E |
| 16        | 3187.526272 N | 4340.018175 E |
| 5 17      | 3097.526272 N | 4340.018175 E |
| 18        | 3097.526272 N | 4360.018175 E |
| 19        | 3450.438687 N | 4360.018175 E |
| 20        | 3450.438687 N | 4340.018175 E |
| 6 21      | 3360.438687 N | 4340.018175 E |
| 22        | 3360.438687 N | 4360.018175 E |
| 23        | 3576.438687 N | 4360.018175 E |
| 7 24      | 3576.438687 N | 4340.018175 E |
| 25        | 3486.438687 N | 4340.018175 E |
| 26        | 3486.438687 N | 4360.018175 E |
| 27        | 3647.753530 N | 4636.892519 E |
| 8 28      | 3648.369093 N | 4555.894915 E |
| 29        | 3628.369670 N | 4555.742999 E |
| 30        | 3627.754407 N | 4636.740662 E |
| 31        | 3646.933479 N | 4744.889463 E |
| 9 32      | 3647.817105 N | 4654.892059 E |
| 33        | 3627.817682 N | 4654.740143 E |
| 34        | 3626.934056 N | 4744.737546 E |
| 35        | 3636.068306 N | 4833.278108 E |
| 36        | 3646.329677 N | 4752.930711 E |
| 10 37     | 3626.490813 N | 4750.397033 E |
| 38        | 3816.229442 N | 4830.744438 E |

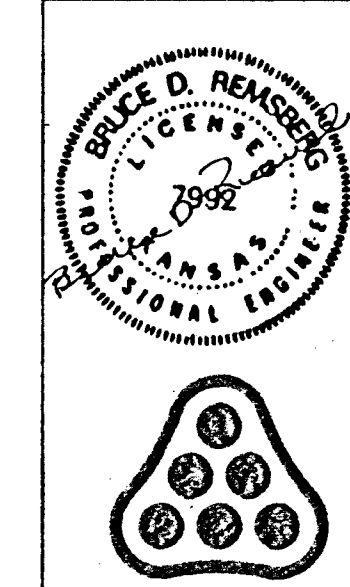
| GARAGE | NO. OF STALLS | WIDTH OF STALLS | GARAGE LENGTH |
|--------|---------------|-----------------|---------------|
| 1      | 8             | 9.0'            | 72.0'         |
| 2      | 9             | 9.0'            | 72.0'         |
| 3      | 8             | 9.0'            | 72.0'         |
| 4      | 9             | 9.0'            | 81.0'         |
| 5      | 10            | 9.0'            | 90.0'         |
| 6      | 10            | 9.0'            | 90.0'         |
| 7      | 9             | 9.0'            | 90.0'         |
| 8      | 9             | 9.0'            | 81.0'         |
| 9      | 10            | 9.0'            | 90.0'         |





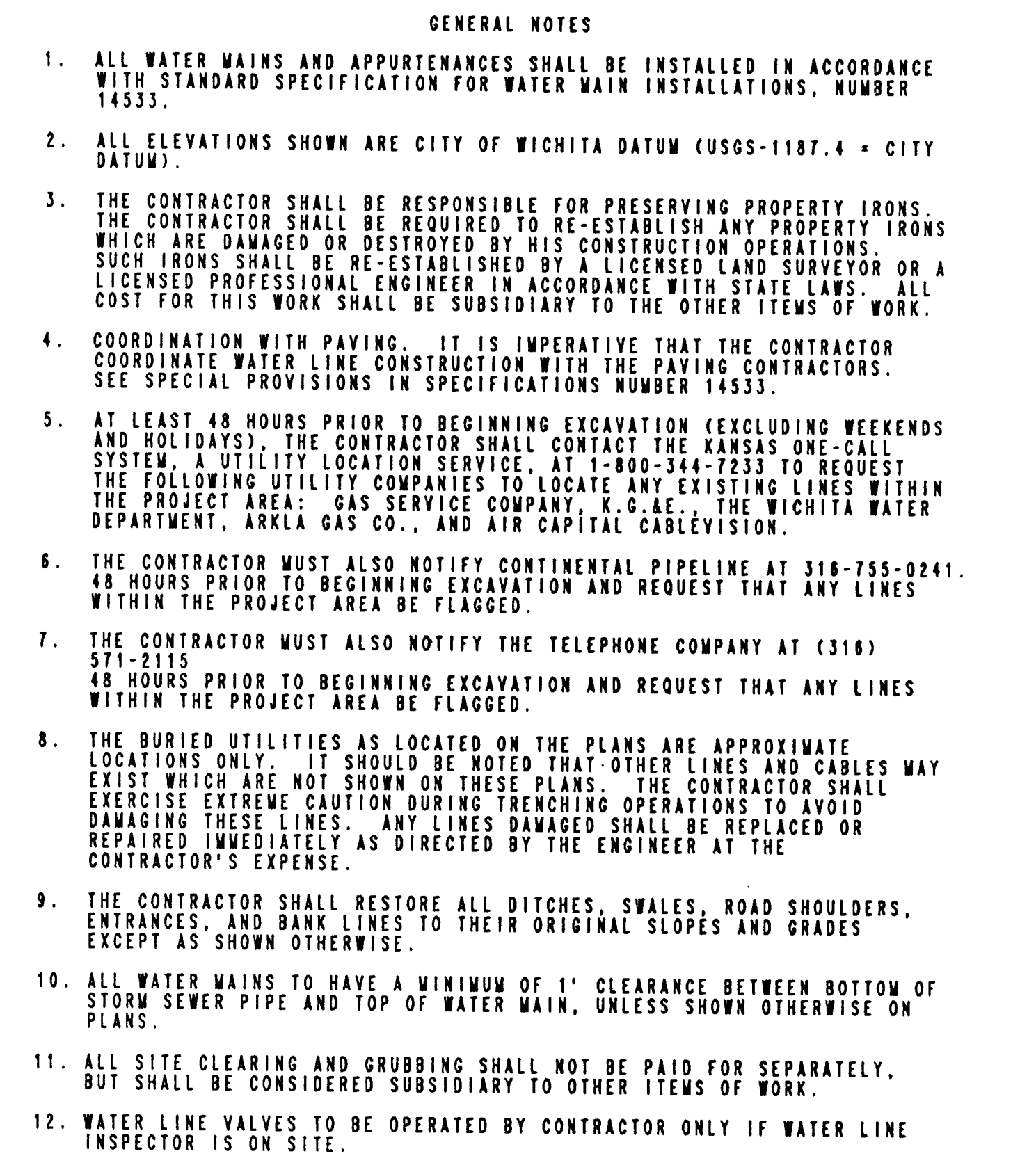
Scale: 1" = 40'

**SANITARY SEWER BENEFIT DISTRICT**  
 All of Lot 18, Block 10 in Fairfield Estates  
 Addition to Wichita, Sedgwick County, Kansas.

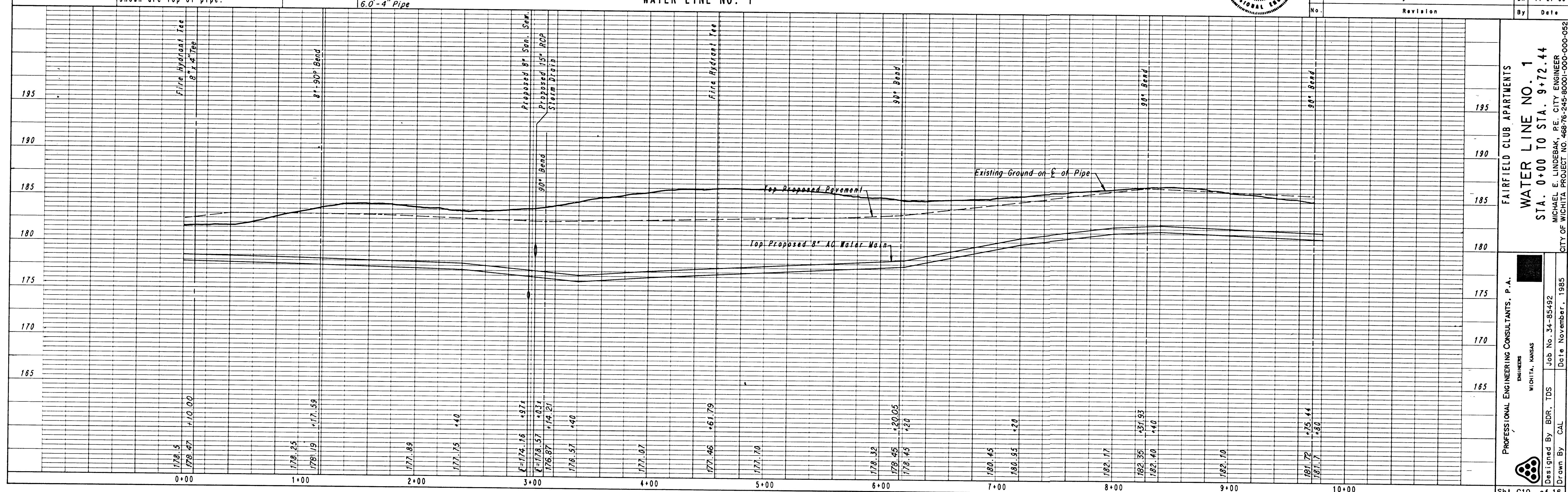


|                                                                                                                                                                                                                                                                                                                                                    |                            |    |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----|----------|
| 2                                                                                                                                                                                                                                                                                                                                                  | Revised San. Sewer - Water | BR | 1-27-86  |
| 1                                                                                                                                                                                                                                                                                                                                                  | Per Revised Grading Plan   | BR | 11-27-85 |
| No.                                                                                                                                                                                                                                                                                                                                                | Revision                   | By | Date     |
| <b>FAIRFIELD CLUB APARTMENTS</b><br><b>UTILITY LAYOUT PLAN</b><br>MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER<br>CITY OF WICHITA PROJECT NO. 468-78-245-80001-000-000-052<br><b>PROFESSIONAL ENGINEERING CONSULTANTS, P.A.</b><br>ENGINEERS<br>WICHITA, KANSAS<br>Designed by BDR Job No. 34-85492 Sht. C6 of 16<br>Drawn by CAL Date November, 1985 |                            |    |          |

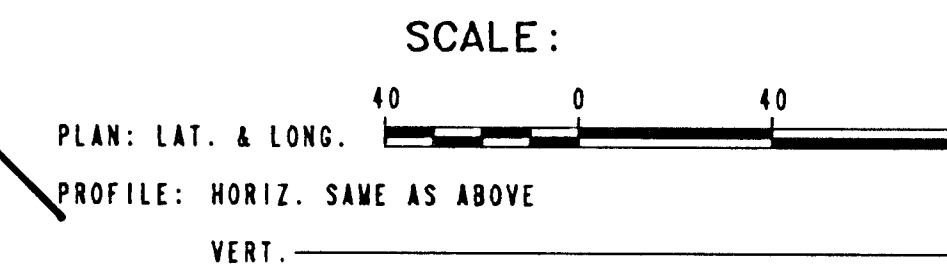
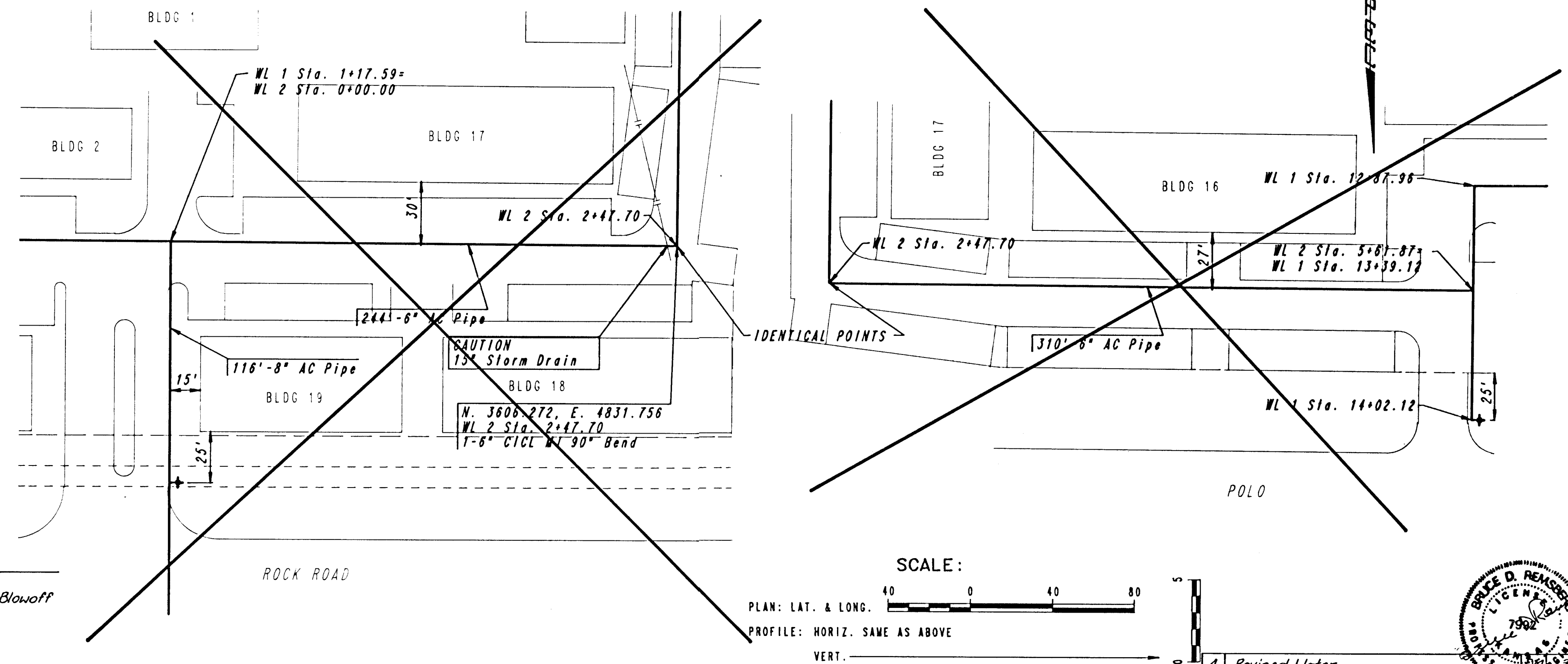
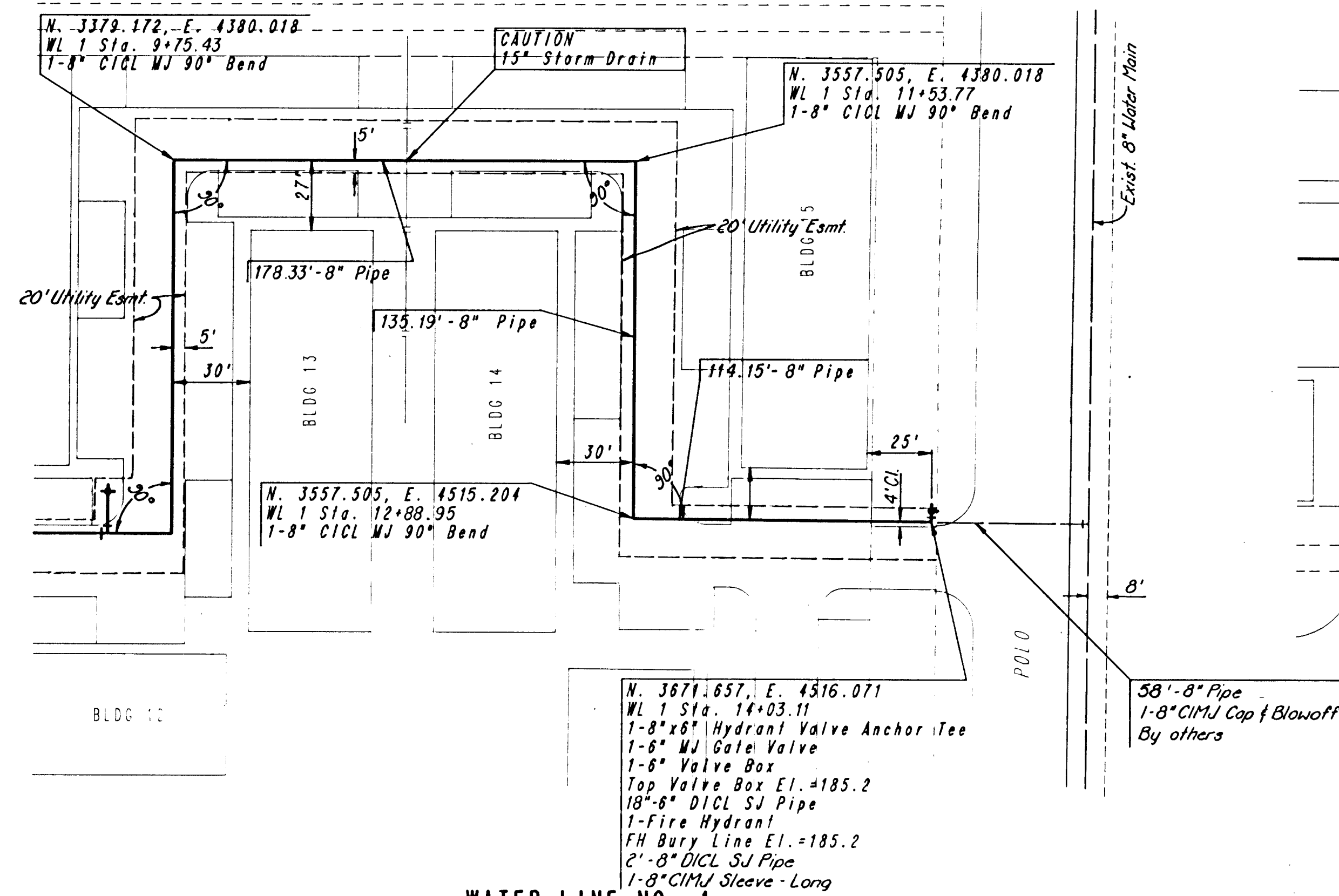




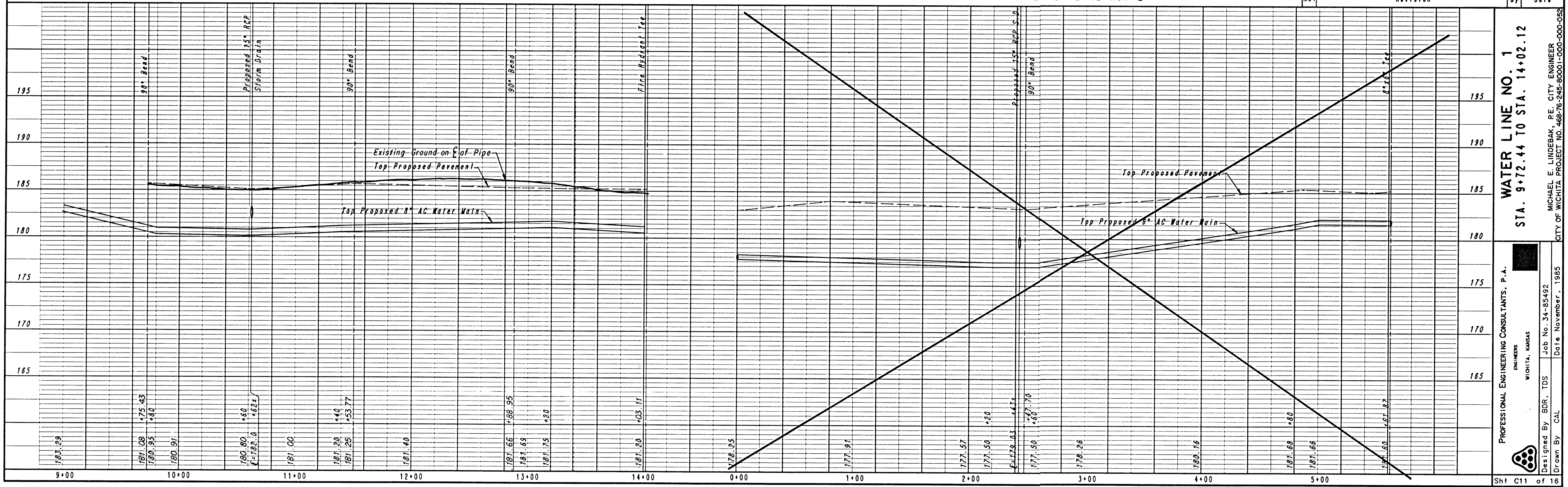
|                                                                                     |   |                                   |      |          |
|-------------------------------------------------------------------------------------|---|-----------------------------------|------|----------|
|  | 5 | Revised Water Mtr. Vault & Piping | 1/23 | 3-14-86  |
|                                                                                     | 4 | Revised Water                     | 07   | 3-5-86   |
|                                                                                     | 3 | Revised Water                     | 07   | 2-25-86  |
|                                                                                     | 2 | Revised Water                     | BR   | 1-28-86  |
|                                                                                     | 1 | Per Revised Grading Plan          | BR   | 11-27-85 |
| No.                                                                                 |   | Revision                          | By   | Date     |







| No. | Revision                 | By | Date     |
|-----|--------------------------|----|----------|
| 4   | Revised Water            | BR | 2-5-86   |
| 3   | Revised Water            | BR | 2-25-86  |
| 2   | Revised Water            | BR | 1-28-86  |
| 1   | Per Revised Grading Plan | BR | 11-27-85 |



PROFESSIONAL ENGINEERING CONSULTANTS, P.A.

ENGINEERS

WICHITA, KANSAS

Designed By BDR, TDS

Drawn By CAL

Job No. 34-85492

Date November, 1985

WATER LINE NO. 1

STA. 9+72.44 TO STA. 14+02.12

MICHAEL E. LINDEBAK, P.E. CITY ENGINEER

CITY OF WICHITA PROJECT NO. 468-76-246-8000-000-000-000

Sht C11 of 16