



TRANSPORTATION CABINET

Frankfort, Kentucky 40622
www.transportation.ky.gov/

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

November 13, 2015

CALL NO. 302
CONTRACT ID NO. 151280
ADDENDUM # 2

Subject: Knox County, FD39 061 1487 000-001
Letting November 20, 2015

- (1) Revised - Plan Sheets - R2E, R9, R10, R37, U8, U9, U10, U11 & U14
- (2) Revised - Bid Items - Pages 139-142 of 142

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

Plan revisions are available at <http://www.lynnimaging.com/kytransportation/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in cursive script that reads "Rachel Mills".

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:ks
Enclosures



An Equal Opportunity Employer M/F/D

STORM SEWER SUMMARY

| Pipe Sheet No. | STATION | OFFSET | STRUCTURE NO. | ALTERNATE PLAN STRUCTURE ID | DESIGN Ph LEVEL | COVER HEIGHT | FLOWABLE FILL REQUIRED | STORM SEWER | | | | | | PIPE CULVERT HEADWALL-36 IN | CURBED BOX INLET TYPE "A" | DROP BOX INLET TYPE 13G | DROP BOX INLET TYPE 14 | JUNCTION BOX-24 IN | JUNCTION BOX-30 IN | JUNCTION BOX-36 IN | JUNCTION BOX-48 IN | CHANNEL LINING CLAS II | PVC PIPE-6 IN | REMARKS |
|-----------------------|----------|------------|------------------|-----------------------------|-----------------|--------------|------------------------|-------------|---------|---------|---------|---------|---------|-----------------------------|---------------------------|-------------------------|------------------------|--------------------|--------------------|--------------------|--------------------|------------------------|-----------------------|---------|
| | | | | | | | | 15 INCH | 18 INCH | 24 INCH | 27 INCH | 30 INCH | 36 INCH | | | | | | | | | | | |
| Item Code | | | | | | | | 00521 | 00522 | 00524 | 00525 | 00526 | 00528 | 01212 | 01456 | 01559 | 01577 | 01643 | 01644 | 01645 | 01647 | 02483 | 03385 | |
| Unit to Bid | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | FT | Y OR N | LF | LF | LF | LF | LF | LF | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | TON | LF | |
| R27 | 3+69.51 | 24' RT | IN114 | 1 | M | 3.2 | Y | | 39.22 | | | | | | | | | | | | | | SAG CONDITION | |
| R27 | 3+81.75 | 11.89 LT | IN115 | 2 | M | 4.3 | N | | 214.12 | | | | | | | | | | | | | | SAG CONDITION | |
| R27, R35 | 6+00.00 | 12' LT | IN116 | 3 | M | 5.1 | N | | | 102.86 | | | | | | | | | | | | | | |
| R27 | 7+05.86 | 12' LT | IN117 | 4 | M | 5.0 | N | | | 91.14 | | | | | | | | | | | | | | |
| R28, R36 | 8+00.00 | 12' LT | IN118 | 5 | M | 4.8 | N | | | 197.00 | | | | | | | | | | | | | | |
| R28 | 10+00.00 | 12' LT | IN119 | 14 | M | 3.9 | N | | | 97.02 | | | | | | | | | | | | | | |
| R28, R30, R32, R38 | 11+00.00 | 12' LT | IN120 | 15 | M | 5.4 | N | | | 77.56 | | | | | | | | | | | | | | |
| R28 | 3+12.50 | 62.32' RT | KY 6 G1 | A | M | 3.0 | Y | | 43.89 | | | | | | 1 | | | | | | | | GRADE CONDITION | |
| R28 | 3+16.35 | 17.48' RT | MH2 | B | M | 3.3 | Y | | 5.00 | | | | | | | | 1 | | | | | | JUNCTION BOX TYPE "B" | |
| R29 | 4+43.99 | 81.83' RT | IN103 | 6 | M | 3.0 | Y | | 35.34 | | | | | | | | | | | | | | SAG CONDITION | |
| R29 | 4+77.97 | 80.84' RT | IN104 | 7 | M | 3.8 | N | | 130.00 | | | | | | | | | | | | | | SAG CONDITION | |
| R29 | 6+00.00 | 24' RT | IN105 | 8 | M | 4.7 | N | | 104.91 | | | | | | | | | | | | | | | |
| R29, R30 | 7+07.91 | 24' RT | IN107 | 11 | M | 3.8 | N | | | 89.09 | | | | | | | | | | | | | | |
| R29 | 8+00.00 | 24' RT | IN108 | 12 | M | 3.7 | N | | | 149.87 | | | | | | | | | | | | | | |
| R30 | 9+52.85 | 24' RT | IN112 | 21 | M | 5.0 | N | | | 41.26 | | | | | | | | | | | | | | |
| R30, R31 | 9+97.11 | 25.86' RT | MH1 | 23 | M | 4.8 | N | | | 68.57 | | | | | | | | 1 | | | | | JUNCTION BOX TYPE "A" | |
| R30 | 10+68.68 | 24' RT | IN1 | 24 | M | 4.8 | N | | | 28.86 | | | | | | | | | | | | | | |
| R30 | 11+00.54 | 24' RT | IN113 | 25 | M | 4.7 | N | | | 37.34 | | | | | | | | | | | | | SAG CONDITION | |
| R30 | 6+81.01 | 36.74' RT | IN106 | 9 | M | 3.6 | N | 24.42 | | | | | | | | | | | | | | | | |
| R30 | 7+07.92 | 35.06' RT | MH7 | 10 | M | 4.3 | N | 6.90 | | | | | | | | | | | | | | | JUNCTION BOX TYPE "A" | |
| R31 | 8+78.20 | 36.70' RT | IN109 | 13 | M | 3.0 | N | 115.94 | | | | | | | | | 1 | | | | | | | |
| R31 | 9+97.09 | 36.67' RT | IN111 | 22 | M | 5.8 | N | | 6.15 | | | | | | | | | | | | | | | |
| R31 | 10+88.99 | 138.69' RT | IN110 | 26 | M | 2.8 | N | 138.30 | | | | | | | | | | | | | | | SAG CONDITION | |
| R31 | 11+55.73 | 21.96' LT | MH3 | O | M | 3.0 | N | | | | | | | | | | | | | | 24.60 | | JUNCTION BOX TYPE "A" | |
| R31, R32 | 11+82.39 | 12' LT | IN121 | 16 | M | 5.6 | N | | | 62.24 | | | | | | | | | | | | | | |
| R32 | 12+50.00 | 12' LT | IN122 | 17 | M | 5.8 | N | | | 49.53 | | | | | | | | | | | | | | |
| R32 | 13+04.42 | 12.03' LT | IN123 | 18 | M | 5.9 | N | | | 46.73 | | | | | | | | | | | | | | |
| R32 | 13+55.95 | 12.03' LT | IN124 | 19 | M | 5.8 | N | | | | 52.72 | | | | | | | | | | | | | |
| R32 | 14+13.72 | 12.02' LT | IN125 | 20 | M | 6.0 | N | | | | 97.42 | | | | | | | | | | | | | |
| R32 | 15+17.41 | 12' LT | IN126 | 27 | M | 6.2 | N | | | | 110.28 | | | | | | | | | | | | | |
| R33 | 16+30.69 | 12' LT | IN127 | 28 | M | 6.0 | N | | | | | 135.96 | | | | | | | | | | | | |
| R33 | 17+69.91 | 12' LT | IN128 | 29 | M | 6.2 | N | | | 195.25 | | | | | | | | | | | | | | |
| R33 | 19+68.65 | 12' LT | IN129 | 30 | M | 5.3 | N | | | | 30.45 | | | | | | | | | | | | | |
| R34, R35, R36 | 19+68.82 | 19.78' RT | MH8 | 34 | M | 6.0 | N | | | | 45.29 | | | | | | | | 1 | | | | JUNCTION BOX TYPE "A" | |
| R34 | 16+00.00 | 24' RT | IN130 | 31 | M | 5.2 | N | 97.00 | | | | | | | | | | | | | | | | |
| R34 | 17+00.00 | 24' RT | IN131 | 32 | M | 5.1 | N | 149.74 | | | | | | | | | | | | | | | | |
| R35 | 18+52.71 | 21.07' RT | IN132 | 33 | M | 5.1 | N | | 112.68 | | | | | | | | | | | | | | | |
| R35, R36, R37 | 20+18.10 | 16.34' RT | IN136 | 35 | M | 3.0 | N | | | | 367.26 | 1 | 1 | | | | | | | | | | OUTLET | |
| R35 | 6+00.00 | 28.82' LT | LAWN CONNECTION | F | M | 2.4 | N | 12.66 | | | | | | | | | 1 | | | | | | JUNCTION BOX TYPE "A" | |
| R35 | 5+05.00 | 27.46' LT | LAWN DRAIN1 | C | M | 1.3 | N | 19.34 | | | | | | | | | 1 | | | | | | | |
| R35 | 5+26.00 | 27.67' LT | LAWN DRAIN2 | D | M | 1.3 | N | 32.34 | | | | | | | | | 1 | | | | | | | |
| R35 | 5+60.00 | 27.52' LT | LAWN DRAIN3 | E | M | 1.5 | N | 38.20 | | | | | | | | | 1 | | | | | | | |
| R35 | 6+20.00 | 29.51' LT | LAWN DRAIN4 | G | M | 1.3 | N | 18.15 | | | | | | | | | 1 | | | | | | | |
| R36 | 22+07.92 | 10' LT | IN133 | 38 | M | 2.9 | Y | | 21.37 | | | | | | | | | | | | | | | |
| R36 | 22+09.00 | 10' RT | IN134 | 37 | M | 3.6 | N | | 86.03 | | | | | | | | | | | | | | | |
| R36 | 21+20.04 | 13.43' RT | IN135 | 36 | M | 5.1 | N | | 98.53 | | | | | | | | | | | | | | | |
| R36 | 7+42.50 | 26.82' LT | LAWN DRAIN5 | H | M | 1.3 | N | 55.84 | | | | | | | | | | 1 | | | | | | |
| R36 | 8+00.00 | 26.49' LT | LAWN DRAIN6 | I | M | 2.9 | N | 10.50 | | | | | | | | | | 1 | | | | | | |
| R36 | 8+80.00 | 26.72' LT | LAWN DRAIN7 | J | M | 1.3 | N | 78.36 | | | | | | | | | | 1 | | | | | | |
| R38 | 9+50.00 | 26' LT | LAWN DRAIN8 | K | M | 1.2 | N | 67.53 | | | | | | | | | | 1 | | | | | | |
| R38 | 10+19.36 | 25.34' LT | LAWN DRAIN9 | L | M | 1.5 | N | 78.81 | | | | | | | | | | 1 | | | | | | |
| R38 | 11+00.00 | 25.28' LT | LAWN CONNECTION2 | M | M | 1.9 | N | 8.87 | | | | | | | | | | | 1 | | | | JUNCTION BOX TYPE "A" | |
| R38 | 11+08.62 | 26.28' LT | LAWN DRAIN10 | N | M | 1.3 | N | 6.79 | | | | | | | | | | | 1 | | | | | |
| PROJECT TOTALS | | | | | | | | 960 | 897 | 1139 | 260 | 331 | 443 | 1 | 35 | 1 | 10 | 4 | 1 | 1 | 1 | 3.20 | 25 | |

KY 1487 MANCHESTER STREET
STORM SEWER SUMMARY

FILE NAME: G:\PWORK\VERIKA_HUBBARD\0981022\PO020ESU.DGN

USER: erika.smith
DATE PLOTTED: August 11, 2015

E-SHEET NAME:

MicroStation v8.11.7.443

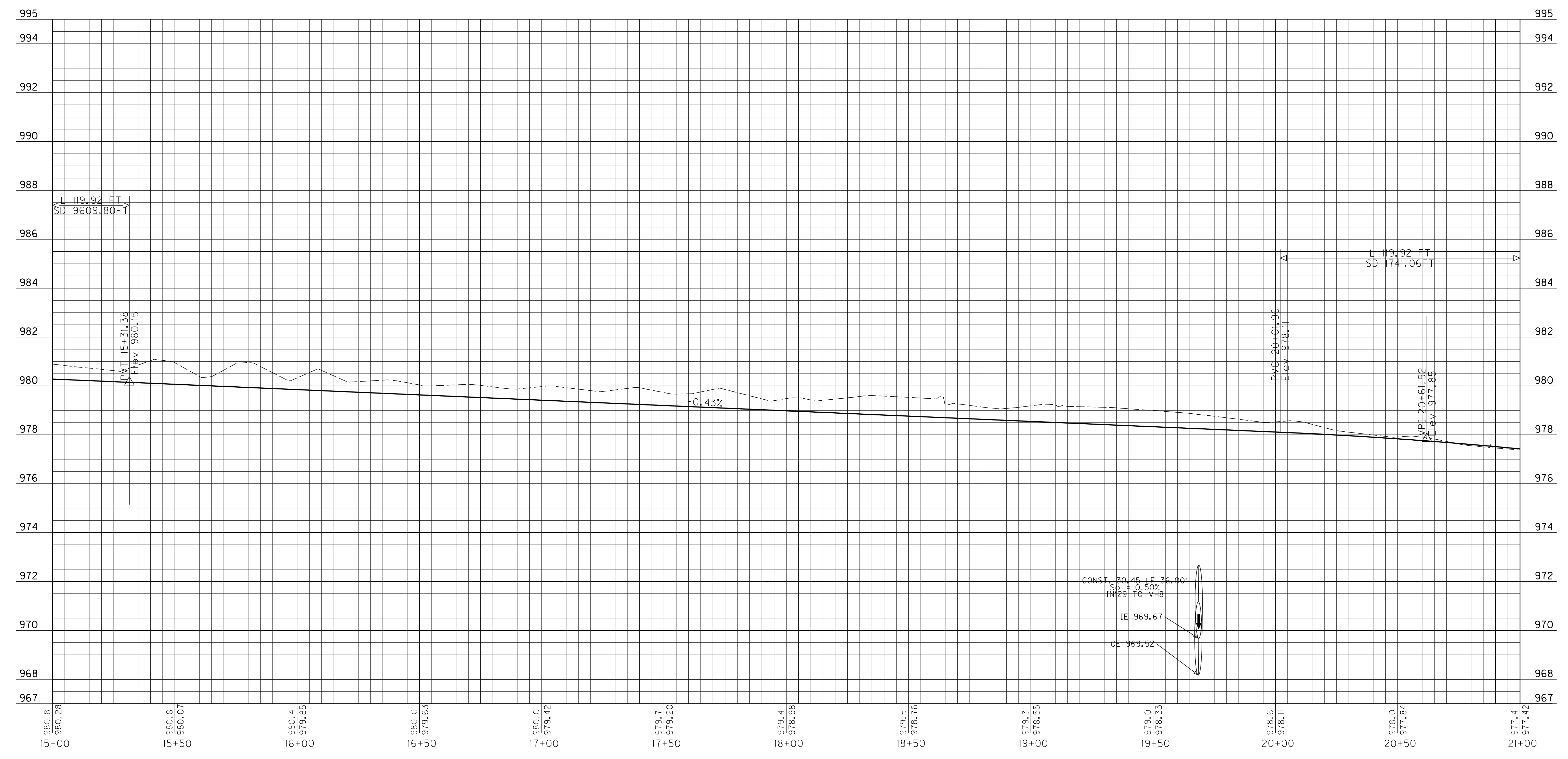
STORM SEWER SUMMARY

| Pipe Sheet No. | STATION | OFFSET | STRUCTURE NO. | ALTERNATE PLAN STRUCTURE ID | DESIGN Ph LEVEL | COVER HEIGHT | FLOWABLE FILL REQUIRED | STORM SEWER | | | | | | PIPE CULVERT HEADWALL-36 IN | CURBED BOX INLET TYPE "A" | DROP BOX INLET TYPE 13G | DROP BOX INLET TYPE 14 | JUNCTION BOX-24 IN | JUNCTION BOX-30 IN | JUNCTION BOX-36 IN | JUNCTION BOX-48 IN | CHANNEL LINING CLAS II | PVC PIPE-6 IN | REMARKS | | | |
|-----------------------|----------|------------|------------------|-----------------------------|-----------------|--------------|------------------------|-------------|---------|---------|---------|---------|---------|-----------------------------|---------------------------|-------------------------|------------------------|--------------------|--------------------|--------------------|--------------------|------------------------|---------------|-----------------------|------|-----|----|
| | | | | | | | | 15 INCH | 18 INCH | 24 INCH | 27 INCH | 30 INCH | 36 INCH | | | | | | | | | | | | | | |
| Item Code | | | | | | | | 00521 | 00522 | 00524 | 00525 | 00526 | 00528 | 01212 | 01456 | 01559 | 01577 | 01643 | 01644 | 01645 | 01647 | 02483 | 03385 | | | | |
| Unit to Bid | | | | | | | | FT | Y | O | R | N | LF | LF | LF | LF | LF | LF | EACH | EACH | EACH | EACH | EACH | EACH | EACH | TON | LF |
| R27 | 3+69.51 | 24' RT | IN114 | 1 | M | 3.2 | Y | | | | | | | | | | | | | | | | | SAG CONDITION | | | |
| R27 | 3+81.75 | 11.89 LT | IN115 | 2 | M | 4.3 | N | | | | | | | | | | | | | | | | | SAG CONDITION | | | |
| R27, R35 | 6+00.00 | 12' LT | IN116 | 3 | M | 5.1 | N | | | | | | | | | | | | | | | | | | | | |
| R27 | 7+05.86 | 12' LT | IN117 | 4 | M | 5.0 | N | | | | | | | | | | | | | | | | | | | | |
| R28, R36 | 8+00.00 | 12' LT | IN118 | 5 | M | 4.8 | N | | | | | | | | | | | | | | | | | | | | |
| R28 | 10+00.00 | 12' LT | IN119 | 14 | M | 3.9 | N | | | | | | | | | | | | | | | | | | | | |
| R28, R30, R32, R38 | 11+00.00 | 12' LT | IN120 | 15 | M | 5.4 | N | | | | | | | | | | | | | | | | | | | | |
| R28 | 3+12.50 | 62.32' RT | KY 6 G1 | A | M | 3.0 | Y | | | | | | | | | | | | | | | | | GRADE CONDITION | | | |
| R28 | 3+16.35 | 17.48' RT | MH2 | B | M | 3.3 | Y | | | | | | | | | | | | | | | | | JUNCTION BOX TYPE "B" | | | |
| R29 | 4+43.99 | 81.83' RT | IN103 | 6 | M | 3.0 | Y | | | | | | | | | | | | | | | | | SAG CONDITION | | | |
| R29 | 4+77.97 | 80.84' RT | IN104 | 7 | M | 3.8 | N | | | | | | | | | | | | | | | | | SAG CONDITION | | | |
| R29 | 6+00.00 | 24' RT | IN105 | 8 | M | 4.7 | N | | | | | | | | | | | | | | | | | | | | |
| R29, R30 | 7+07.91 | 24' RT | IN107 | 11 | M | 3.8 | N | | | | | | | | | | | | | | | | | | | | |
| R29 | 8+00.00 | 24' RT | IN108 | 12 | M | 3.7 | N | | | | | | | | | | | | | | | | | | | | |
| R30 | 9+52.85 | 24' RT | IN112 | 21 | M | 5.0 | N | | | | | | | | | | | | | | | | | | | | |
| R30, R31 | 9+97.11 | 25.86' RT | MH1 | 23 | M | 4.8 | N | | | | | | | | | | | | | | | | | JUNCTION BOX TYPE "A" | | | |
| R30 | 10+68.68 | 24' RT | IN1 | 24 | M | 4.8 | N | | | | | | | | | | | | | | | | | | | | |
| R30 | 11+00.54 | 24' RT | IN113 | 25 | M | 4.7 | N | | | | | | | | | | | | | | | | | SAG CONDITION | | | |
| R30 | 6+81.01 | 36.74' RT | IN106 | 9 | M | 3.6 | N | 24.42 | | | | | | | | | | | | | | | | | | | |
| R30 | 7+07.92 | 35.06' RT | MH7 | 10 | M | 4.3 | N | 6.90 | | | | | | | | | | | | | | | | JUNCTION BOX TYPE "A" | | | |
| R31 | 8+78.20 | 36.70' RT | IN109 | 13 | M | 3.0 | N | 115.94 | | | | | | | | | | | | | | | | | | | |
| R31 | 9+97.09 | 36.67' RT | IN111 | 22 | M | 5.8 | N | | 6.15 | | | | | | | | | | | | | | | | | | |
| R31 | 10+88.99 | 138.69' RT | IN110 | 26 | M | 2.8 | N | 138.30 | | | | | | | | | | | | | | | | SAG CONDITION | | | |
| R31 | 11+55.73 | 21.96' LT | MH3 | O | M | 3.0 | N | | | | | | | | | | | | | | | | | JUNCTION BOX TYPE "A" | | | |
| R31, R32 | 11+82.39 | 12' LT | IN121 | 16 | M | 5.6 | N | | | | | | | | | | | | | | | | | | | | |
| R32 | 12+50.00 | 12' LT | IN122 | 17 | M | 5.8 | N | | | | | | | | | | | | | | | | | | | | |
| R32 | 13+04.42 | 12.03' LT | IN123 | 18 | M | 5.9 | N | | | | | | | | | | | | | | | | | | | | |
| R32 | 13+55.95 | 12.03' LT | IN124 | 19 | M | 5.8 | N | | | | | | | | | | | | | | | | | | | | |
| R32 | 14+13.72 | 12.02' LT | IN125 | 20 | M | 6.0 | N | | | | | | | | | | | | | | | | | | | | |
| R32 | 15+17.41 | 12' LT | IN126 | 27 | M | 6.2 | N | | | | | | | | | | | | | | | | | | | | |
| R33 | 16+30.69 | 12' LT | IN127 | 28 | M | 6.0 | N | | | | | | | | | | | | | | | | | | | | |
| R33 | 17+69.91 | 12' LT | IN128 | 29 | M | 6.2 | N | | | | | | | | | | | | | | | | | | | | |
| R33 | 19+68.65 | 12' LT | IN129 | 30 | M | 5.3 | N | | | | | | | | | | | | | | | | | | | | |
| R34, R35, R36 | 19+68.82 | 19.78' RT | MH8 | 34 | M | 6.0 | N | | | | | | | | | | | | | | | | | JUNCTION BOX TYPE "A" | | | |
| R34 | 16+00.00 | 24' RT | IN130 | 31 | M | 5.2 | N | 97.00 | | | | | | | | | | | | | | | | | | | |
| R34 | 17+00.00 | 24' RT | IN131 | 32 | M | 5.1 | N | 149.74 | | | | | | | | | | | | | | | | | | | |
| R35 | 18+52.71 | 21.07' RT | IN132 | 33 | M | 5.1 | N | | | | | | | | | | | | | | | | | | | | |
| R35, R36, R37 | 20+18.10 | 16.34' RT | IN136 | 35 | M | 3.0 | N | | | | | | | | | | | | | | | | | OUTLET | | | |
| R35 | 6+00.00 | 28.82' LT | LAWN CONNECTION | F | M | 2.4 | N | 12.66 | | | | | | | | | | | | | | | | JUNCTION BOX TYPE "A" | | | |
| R35 | 5+05.00 | 27.46' LT | LAWN DRAIN1 | C | M | 1.3 | N | 19.34 | | | | | | | | | | | | | | | | | | | |
| R35 | 5+26.00 | 27.67' LT | LAWN DRAIN2 | D | M | 1.3 | N | 32.34 | | | | | | | | | | | | | | | | | | | |
| R35 | 5+60.00 | 27.52' LT | LAWN DRAIN3 | E | M | 1.5 | N | 38.20 | | | | | | | | | | | | | | | | | | | |
| R35 | 6+20.00 | 29.51' LT | LAWN DRAIN4 | G | M | 1.3 | N | 18.15 | | | | | | | | | | | | | | | | | | | |
| R36 | 22+07.92 | 10' LT | IN133 | 38 | M | 2.9 | Y | | | | | | | | | | | | | | | | | | | | |
| R36 | 22+09.00 | 10' RT | IN134 | 37 | M | 3.6 | N | | | | | | | | | | | | | | | | | | | | |
| R36 | 21+20.04 | 13.43' RT | IN135 | 36 | M | 5.1 | N | | | | | | | | | | | | | | | | | | | | |
| R36 | 7+42.50 | 26.82' LT | LAWN DRAIN5 | H | M | 1.3 | N | 55.84 | | | | | | | | | | | | | | | | | | | |
| R36 | 8+00.00 | 26.49' LT | LAWN DRAIN6 | I | M | 2.9 | N | 10.50 | | | | | | | | | | | | | | | | | | | |
| R36 | 8+80.00 | 26.72' LT | LAWN DRAIN7 | J | M | 1.3 | N | 78.36 | | | | | | | | | | | | | | | | | | | |
| R38 | 9+50.00 | 26' LT | LAWN DRAIN8 | K | M | 1.2 | N | 67.53 | | | | | | | | | | | | | | | | | | | |
| R38 | 10+19.36 | 25.34' LT | LAWN DRAIN9 | L | M | 1.5 | N | 78.81 | | | | | | | | | | | | | | | | | | | |
| R38 | 11+00.00 | 25.28' LT | LAWN CONNECTION2 | M | M | 1.9 | N | 8.87 | | | | | | | | | | | | | | | | JUNCTION BOX TYPE "A" | | | |
| R38 | 11+08.62 | 26.28' LT | LAWN DRAIN10 | N | M | 1.3 | N | 6.79 | | | | | | | | | | | | | | | | | | | |
| PROJECT TOTALS | | | | | | | | 960 | 897 | 1139 | 260 | 331 | 443 | 1 | 35 | 1 | 10 | 4 | 1 | 1 | 1 | 3.20 | 25 | | | | |

KY 1487 MANCHESTER STREET
STORM SEWER SUMMARY

FILE NAME: G:\PWORK\VERIKA_HUBBARD\0981022\PO020ESU.DGN
 USER: erika.smith
 DATE PLOTTED: August 11, 2015
 E-SHEET NAME:
 MicroStation v8.11.7.443

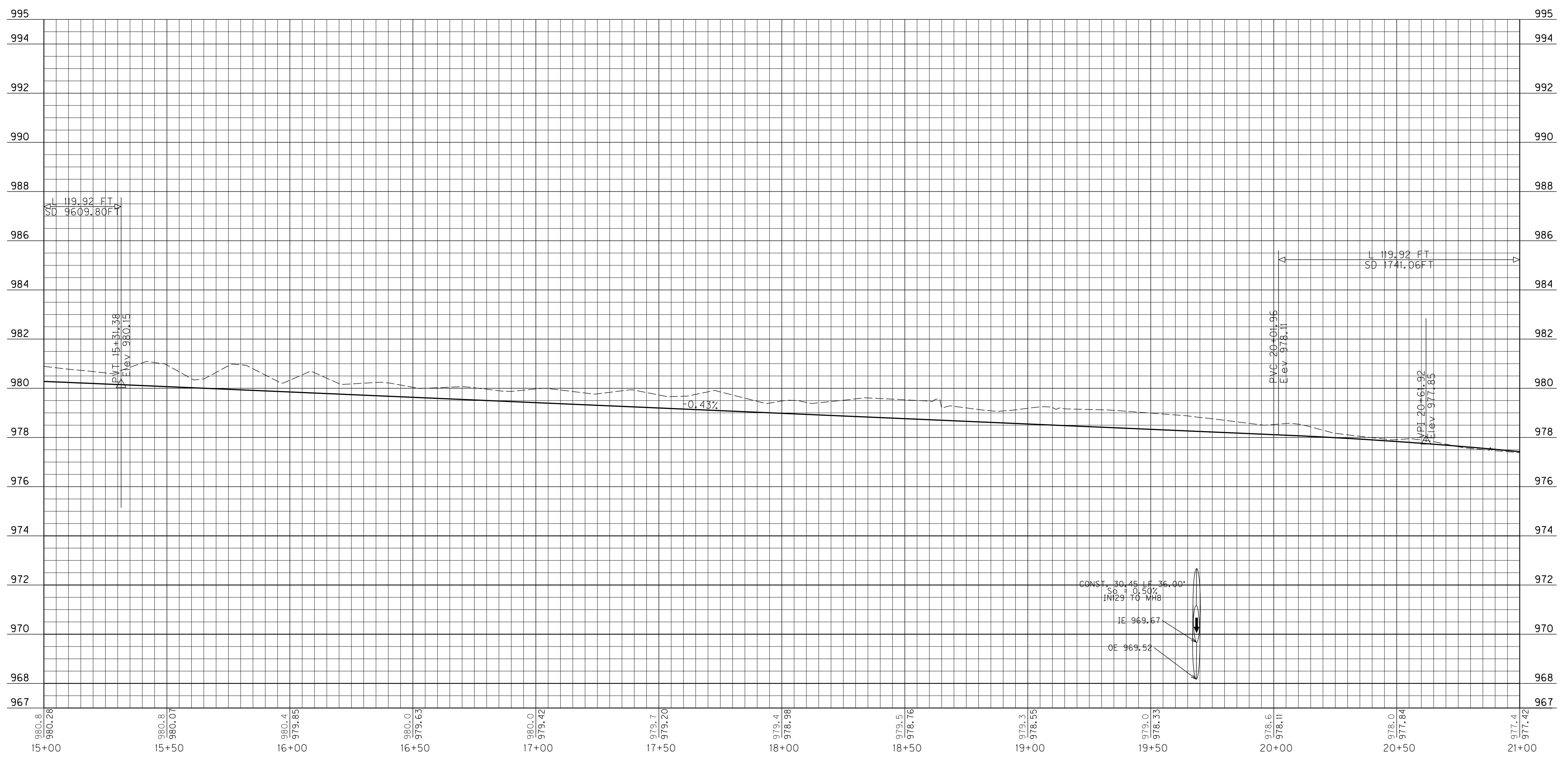
MicroStation v8.11.7.443 E-SHEET NAME: USER: erika.smith DATE PLOTTED: January 1, 2001 FILE NAME: C:\PWORK\ERIKA_HUBBARD\0981024\00900PF.DGN



VERT: 1"=2'
 HORIZ: 1"=20'

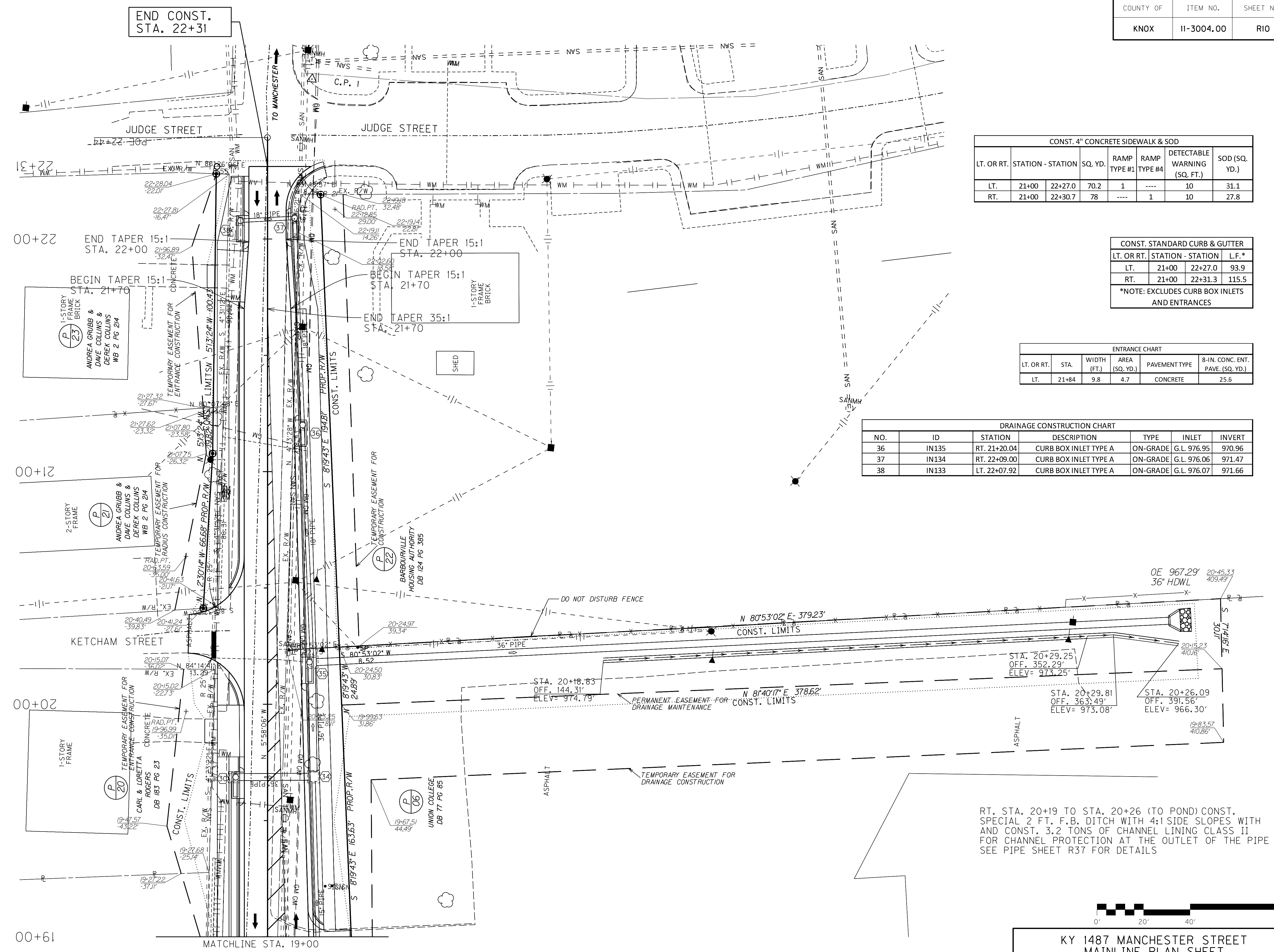
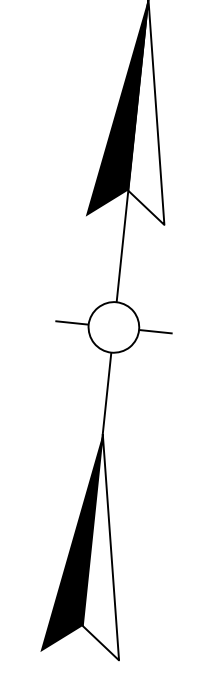
KY 1487 MANCHESTER STREET
 MAINLINE PROFILE
 STA. 15+00 TO STA. 21+00

MicroStation v8.11.7.443 E-SHEET NAME: USER: erika.smith DATE PLOTTED: January 1, 2001 FILE NAME: C:\PWORK\ERIKA_HUBBARD\0981024\R00900PF.DGN



VERT: 1"=2'
HORIZ: 1"=20'

KY 1487 MANCHESTER STREET
MAINLINE PROFILE
STA. 15+00 TO STA. 21+00



| CONST. 4" CONCRETE SIDEWALK & SOD | | | | | | |
|-----------------------------------|-------------------|---------|--------------|--------------|------------------------------|---------------|
| LT. OR RT. | STATION - STATION | SQ. YD. | RAMP TYPE #1 | RAMP TYPE #4 | DETECTABLE WARNING (SQ. FT.) | SOD (SQ. YD.) |
| LT. | 21+00 22+27.0 | 70.2 | 1 | ---- | 10 | 31.1 |
| RT. | 21+00 22+30.7 | 78 | ---- | 1 | 10 | 27.8 |

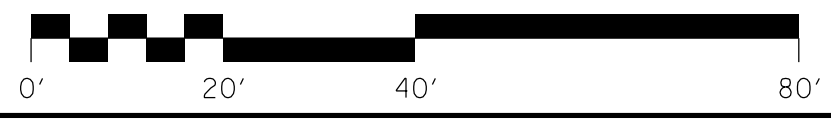
| CONST. STANDARD CURB & GUTTER | | | |
|-------------------------------|-------------------|-------|--|
| LT. OR RT. | STATION - STATION | L.F.* | |
| LT. | 21+00 22+27.0 | 93.9 | |
| RT. | 21+00 22+31.3 | 115.5 | |

*NOTE: EXCLUDES CURB BOX INLETS AND ENTRANCES

| ENTRANCE CHART | | | | |
|----------------|-------|-------------|----------------|----------------------------------|
| LT. OR RT. | STA. | WIDTH (FT.) | AREA (SQ. YD.) | 8-IN. CONC. ENT. PAVE. (SQ. YD.) |
| LT. | 21+84 | 9.8 | 4.7 | 25.6 |

| DRAINAGE CONSTRUCTION CHART | | | | | | |
|-----------------------------|-------|--------------|-----------------------|----------|-------------|--------|
| NO. | ID | STATION | DESCRIPTION | TYPE | INLET | INVERT |
| 36 | IN135 | RT. 21+20.04 | CURB BOX INLET TYPE A | ON-GRADE | G.L. 976.95 | 970.96 |
| 37 | IN134 | RT. 22+09.00 | CURB BOX INLET TYPE A | ON-GRADE | G.L. 976.06 | 971.47 |
| 38 | IN133 | LT. 22+07.92 | CURB BOX INLET TYPE A | ON-GRADE | G.L. 976.07 | 971.66 |

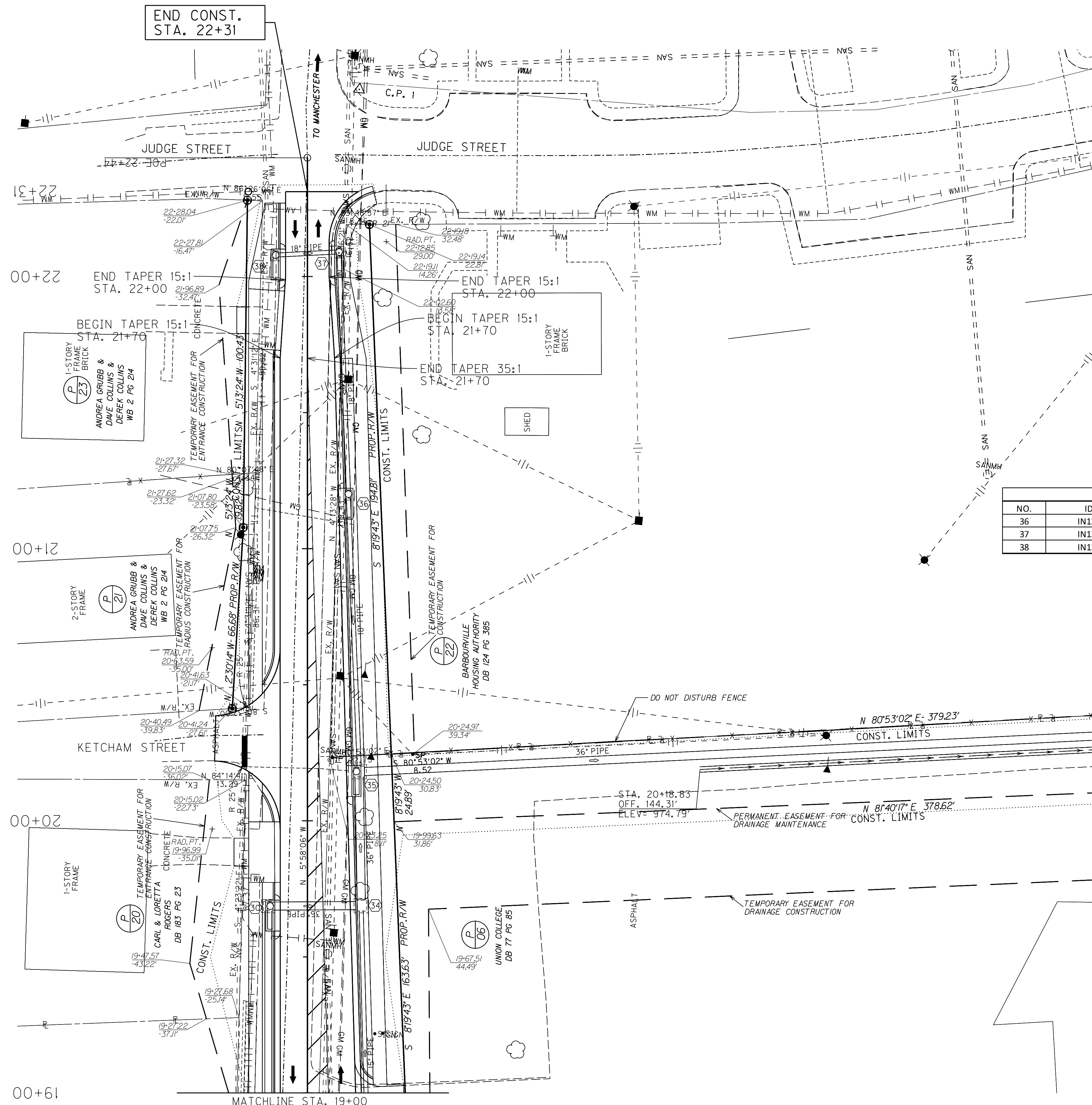
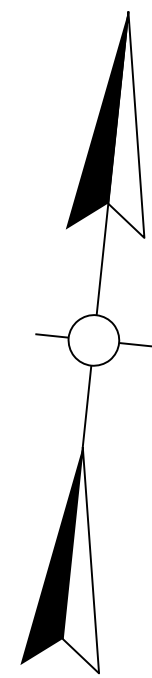
RT. STA. 20+19 TO STA. 20+26 (TO POND) CONST. SPECIAL 2 FT. F.B. DITCH WITH 4:1 SIDE SLOPES WITH AND CONST. 3.2 TONS OF CHANNEL LINING CLASS II FOR CHANNEL PROTECTION AT THE OUTLET OF THE PIPE SEE PIPE SHEET R37 FOR DETAILS



SCALE: 1"=20'

KY 1487 MANCHESTER STREET
MAINLINE PLAN SHEET
STA. 19+00 TO STA. 22+31

MicroStation v8.11.7.443 E-SHEET NAME: USER: erika.smith DATE PLOTTED: October 5, 2015 FILE NAME: C:\PWORK\VERIKA_HUBBARD\112383\1\RO1000PL.DGN



| CONST. 4" CONCRETE SIDEWALK & SOD | | | | | | |
|-----------------------------------|-------------------|---------|--------------|--------------|------------------------------|---------------|
| LT. OR RT. | STATION - STATION | SQ. YD. | RAMP TYPE #1 | RAMP TYPE #4 | DETECTABLE WARNING (SQ. FT.) | SOD (SQ. YD.) |
| LT. | 21+00 22+27.0 | 70.2 | 1 | ---- | 10 | 31.1 |
| RT. | 21+00 22+30.7 | 78 | ---- | 1 | 10 | 27.8 |

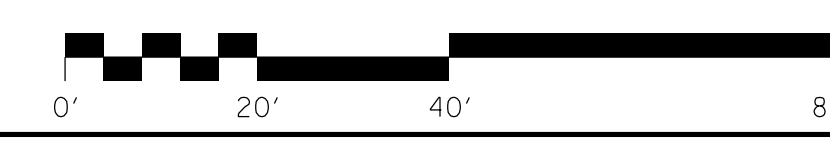
| CONST. STANDARD CURB & GUTTER | | | |
|-------------------------------|-------------------|-------|--|
| LT. OR RT. | STATION - STATION | L.F.* | |
| LT. | 21+00 22+27.0 | 93.9 | |
| RT. | 21+00 22+31.3 | 115.5 | |

*NOTE: EXCLUDES CURB BOX INLETS AND ENTRANCES

| ENTRANCE CHART | | | | |
|----------------|-------|-------------|----------------|----------------------------------|
| LT. OR RT. | STA. | WIDTH (FT.) | AREA (SQ. YD.) | 8-IN. CONC. ENT. PAVE. (SQ. YD.) |
| LT. | 21+84 | 9.8 | 4.7 | 25.6 |

| DRAINAGE CONSTRUCTION CHART | | | | | | |
|-----------------------------|-------|--------------|-----------------------|----------|-------------|--------|
| NO. | ID | STATION | DESCRIPTION | TYPE | INLET | INVERT |
| 36 | IN135 | RT. 21+20.04 | CURB BOX INLET TYPE A | ON-GRADE | G.L. 976.95 | 970.96 |
| 37 | IN134 | RT. 22+09.00 | CURB BOX INLET TYPE A | ON-GRADE | G.L. 976.06 | 971.47 |
| 38 | IN133 | LT. 22+07.92 | CURB BOX INLET TYPE A | ON-GRADE | G.L. 976.07 | 971.66 |

RT. STA. 20+19 TO STA. 20+26 (TO POND) CONST. SPECIAL 2 FT. F.B. DITCH WITH 4:1 SIDE SLOPES WITH AND CONST. 3.2 TONS OF CHANNEL LINING CLASS II FOR CHANNEL PROTECTION AT THE OUTLET OF THE PIPE SEE PIPE SHEET R37 FOR DETAILS



SCALE: 1"=20'

KY 1487 MANCHESTER STREET
MAINLINE PLAN SHEET
STA. 19+00 TO STA. 22+31

FILE NAME: C:\PWORK\VERIKA_HUBBARD\112383\1\RO1000PL.DGN
USER: erika.smith
DATE PLOTTED: October 5, 2015
E-SHEET NAME:
MicroStation v8.11.7.443

PIPE DRAINAGE SHEET 11 OF 12

| | | |
|-----------|------------|-----------|
| COUNTY OF | ITEM NO. | SHEET NO. |
| KNOX | 11-3004.00 | R37 |

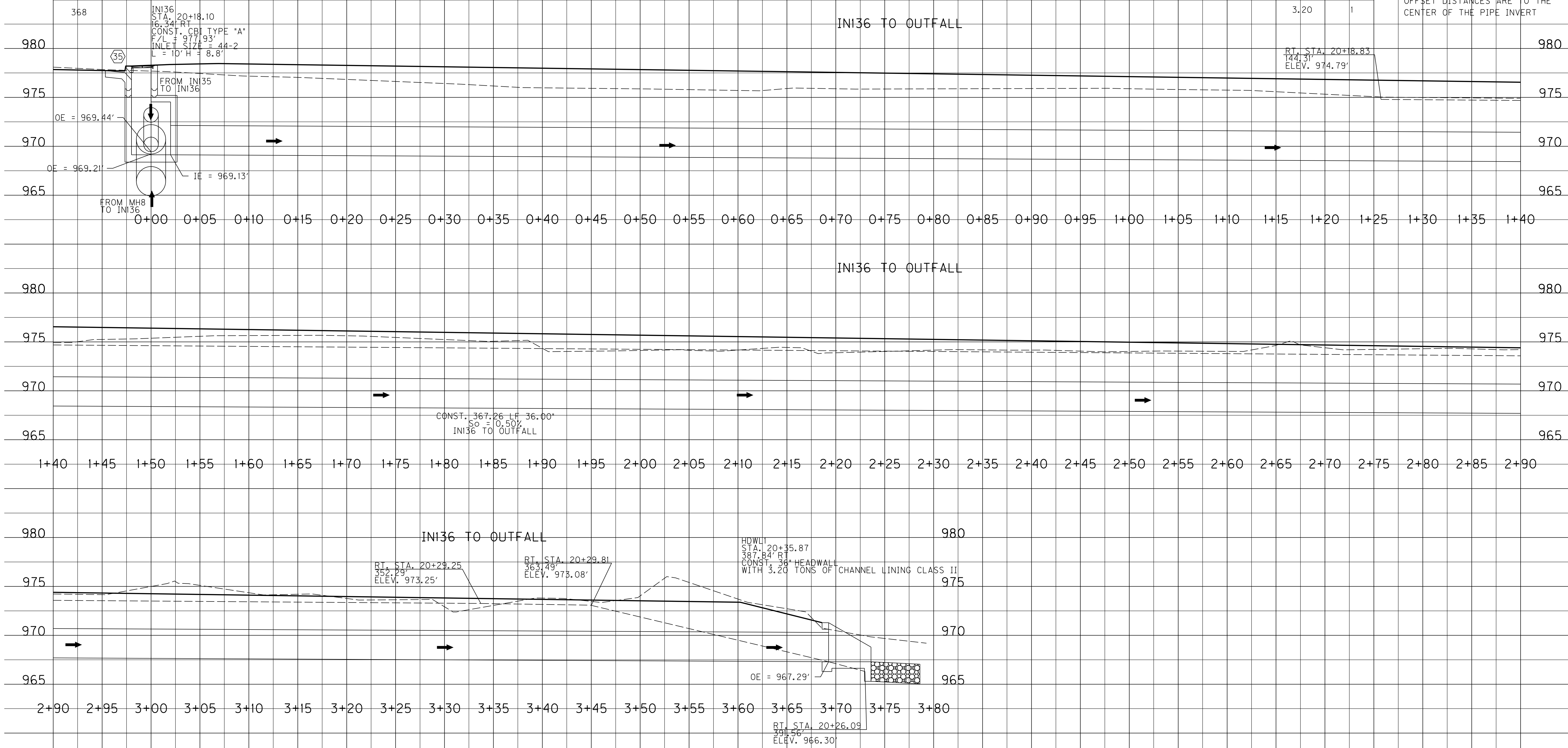
STORM SEWER PIPE

36"

L I N E A R F E E T

CHANNEL LINING CLASS II
PIPE CULVERT HEADWALL - 36IN

- GENERAL NOTES:
- FOR INLETS AND MANHOLES, STATION AND OFFSET DISTANCES ARE TO THE CENTER OF THE PIPE CHAMBER
 - FOR HEADWALLS, STATION AND OFFSET DISTANCES ARE TO THE CENTER OF THE PIPE INVERT



SCALE: 1" = 5'

FILE NAME: C:\PWORK\ERIK.A.HUBBARD\0670309\PIPE SHEETS.DGN
 USER: erika.smith
 DATE PLOTTED: August 11, 2015
 MicroStation v8.11.7.443 E-SHEET NAME:

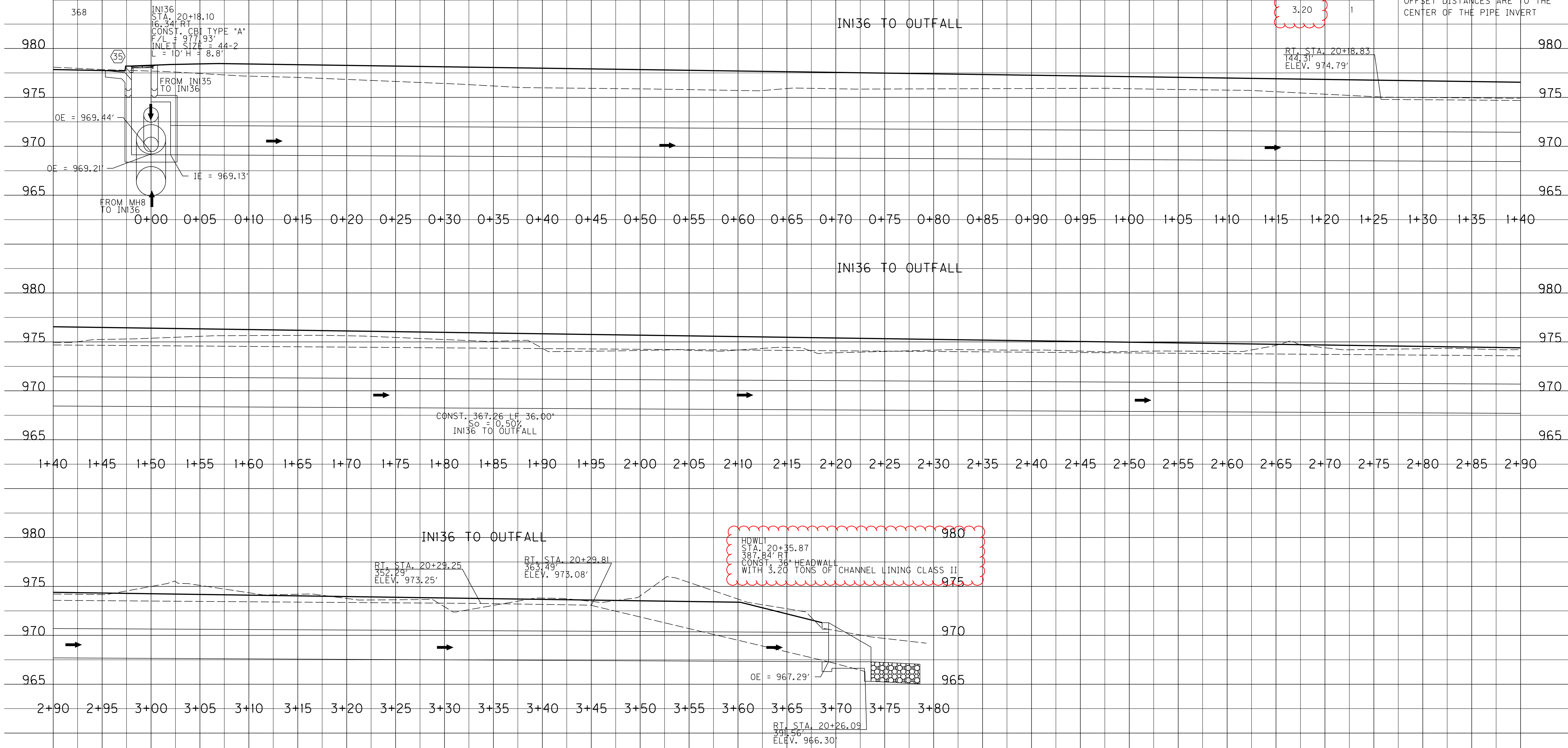
| | | |
|-----------|------------|-----------|
| COUNTY OF | ITEM NO. | SHEET NO. |
| KNOX | 11-3004.00 | R37 |

STORM SEWER PIPE

36"
L I N E A R F E E T

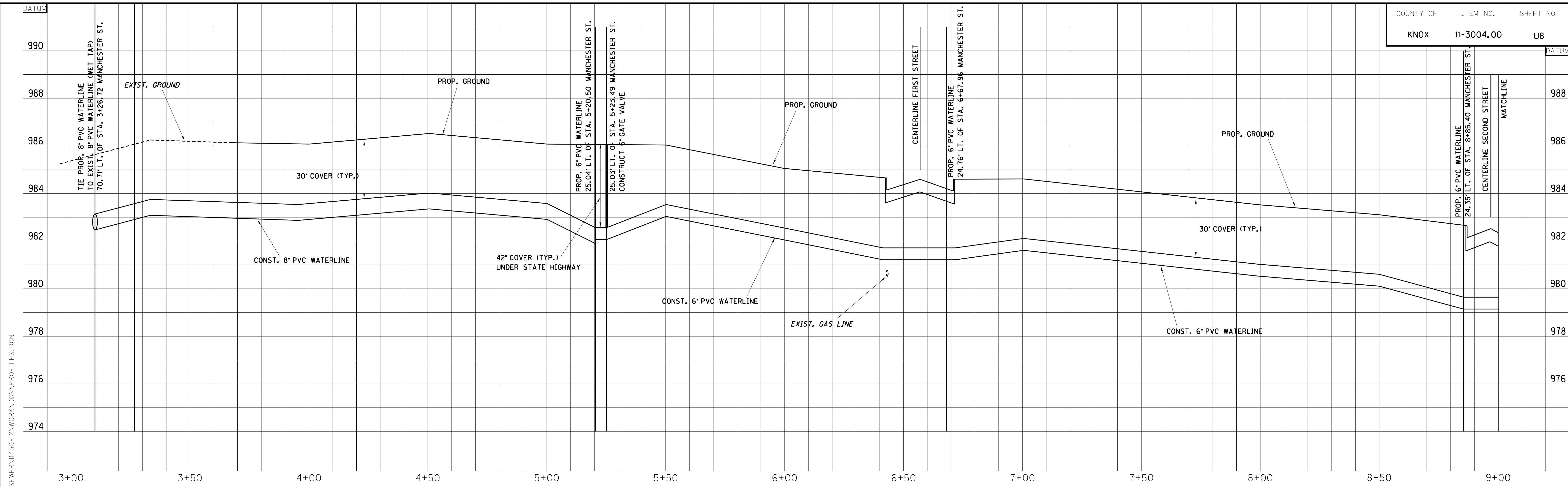
CHANNEL LINING CLASS II
PIPE CULVERT HEADWALL-36IN
TON EACH
3.20 1

- GENERAL NOTES:
- FOR INLETS AND MANHOLES, STATION AND OFFSET DISTANCES ARE TO THE CENTER OF THE PIPE CHAMBER
 - FOR HEADWALLS, STATION AND OFFSET DISTANCES ARE TO THE CENTER OF THE PIPE INVERT

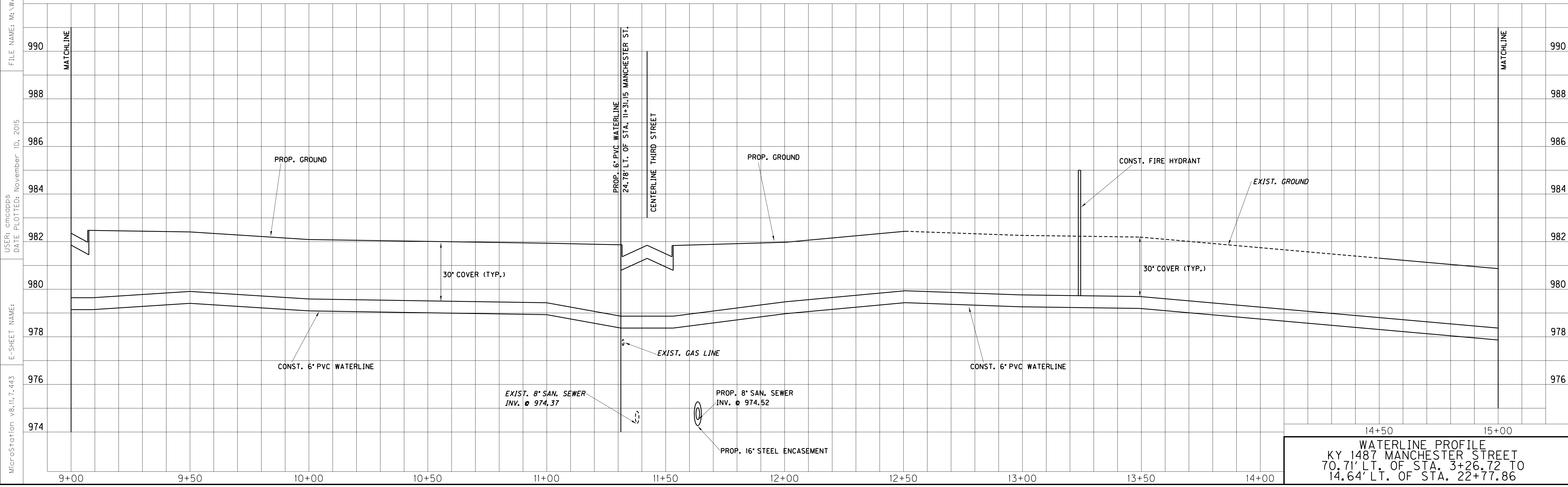


SCALE: 1" = 5'

FILE NAME: C:\PWORK\ERIK\HUBBARD\0670309\PIPE SHEETS.DGN
 USER: erika.smith
 DATE PLOTTED: August 11, 2015
 MicroStation v8.11.7.443 E-SHEET NAME:

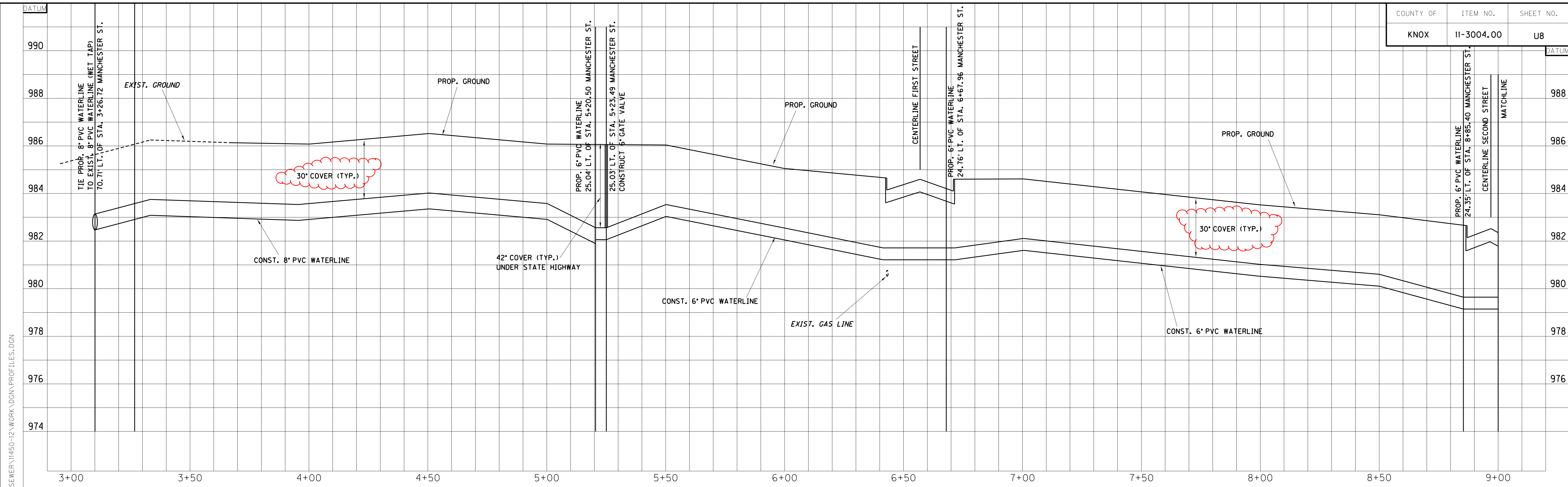


SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

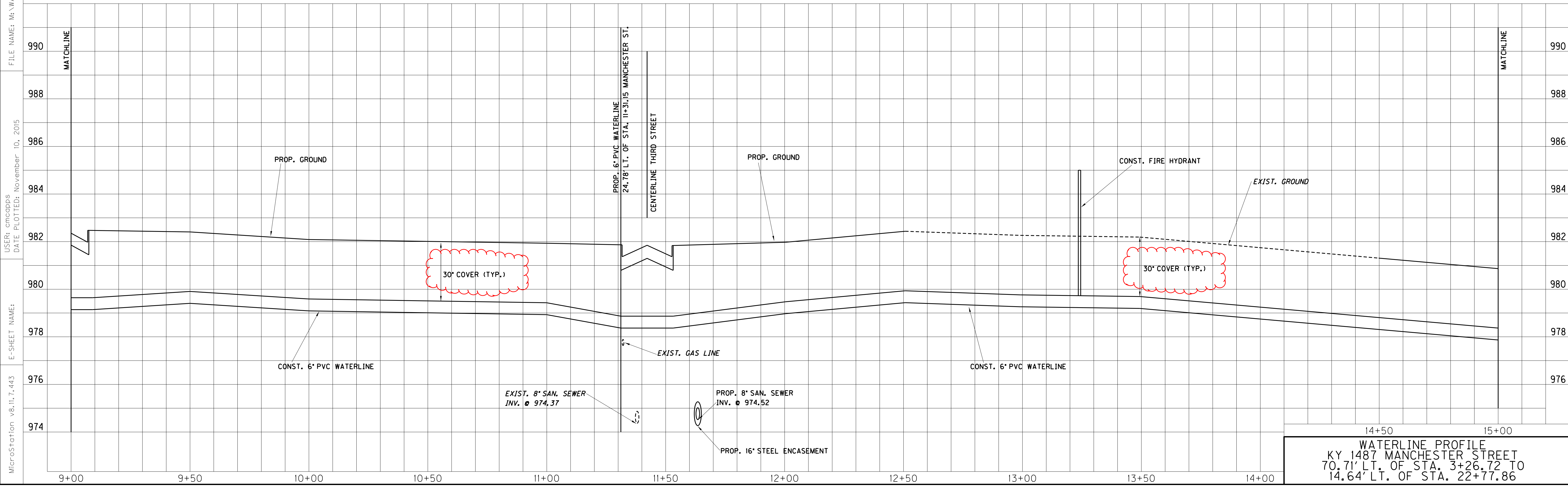


14+50 15+00
WATERLINE PROFILE
 KY 1487 MANCHESTER STREET
 70.71' LT. OF STA. 3+26.72 TO
 14.64' LT. OF STA. 22+77.86

MicroStation v8.11.7.443
 E-SHEET NAME:
 USER: cmcoppa
 DATE PLOTTED: November 10, 2015
 FILE NAME: M:\WATER & SEWER\11450-12\WORK\DWG\PROFILES.DGN

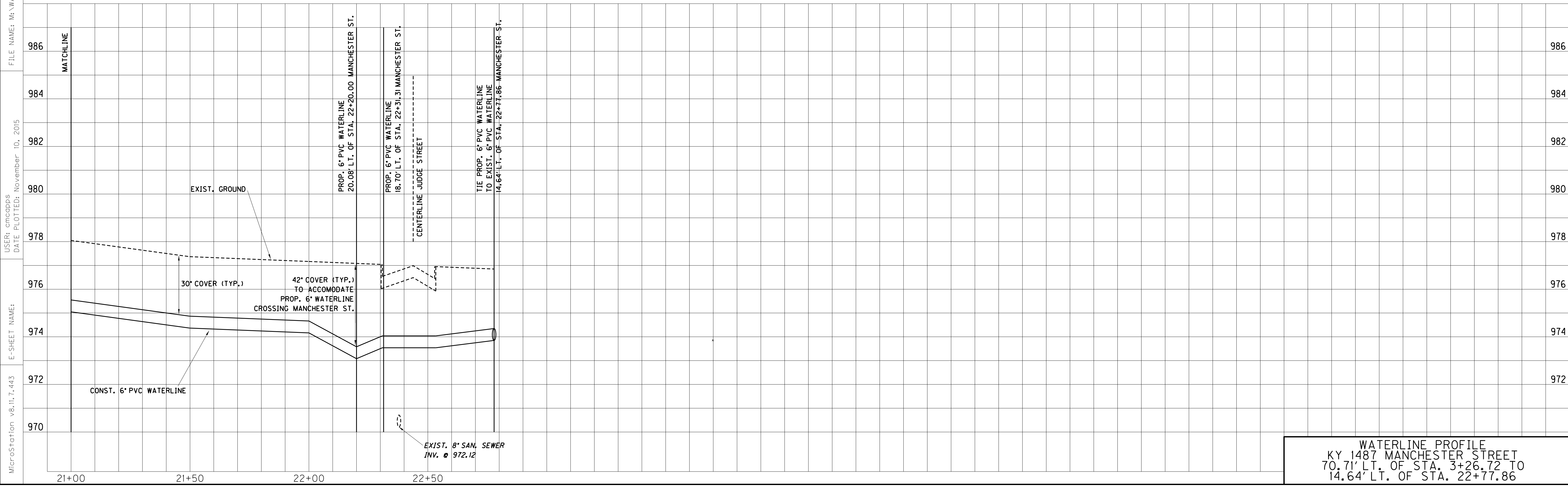
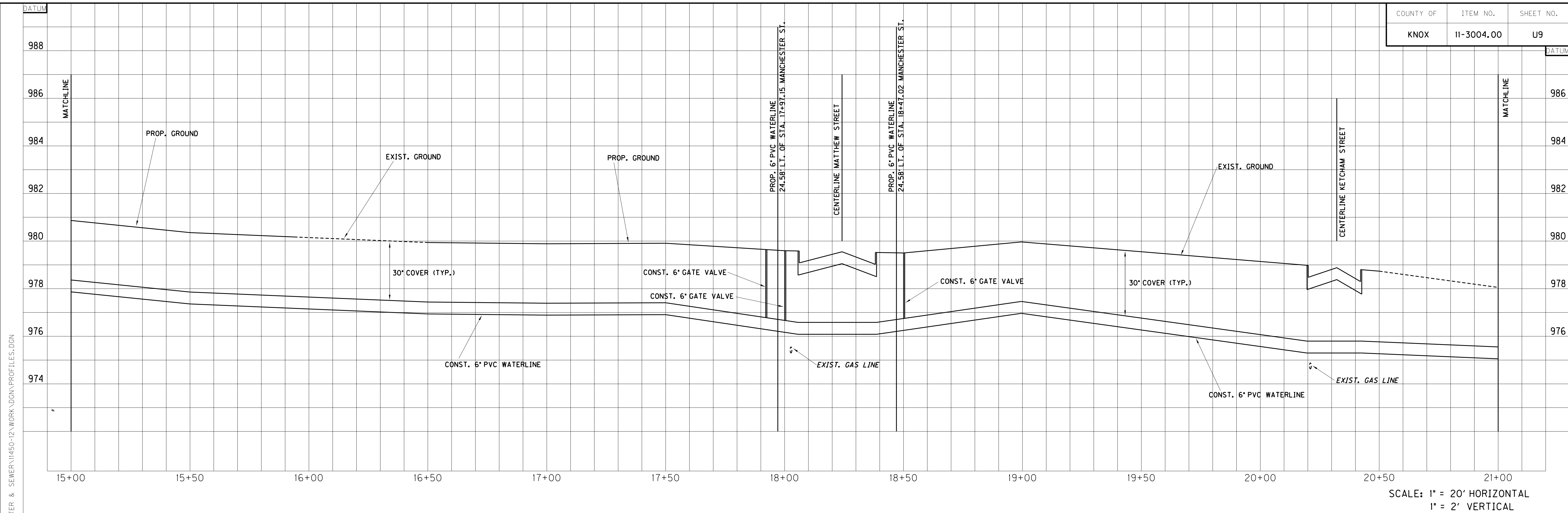


SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

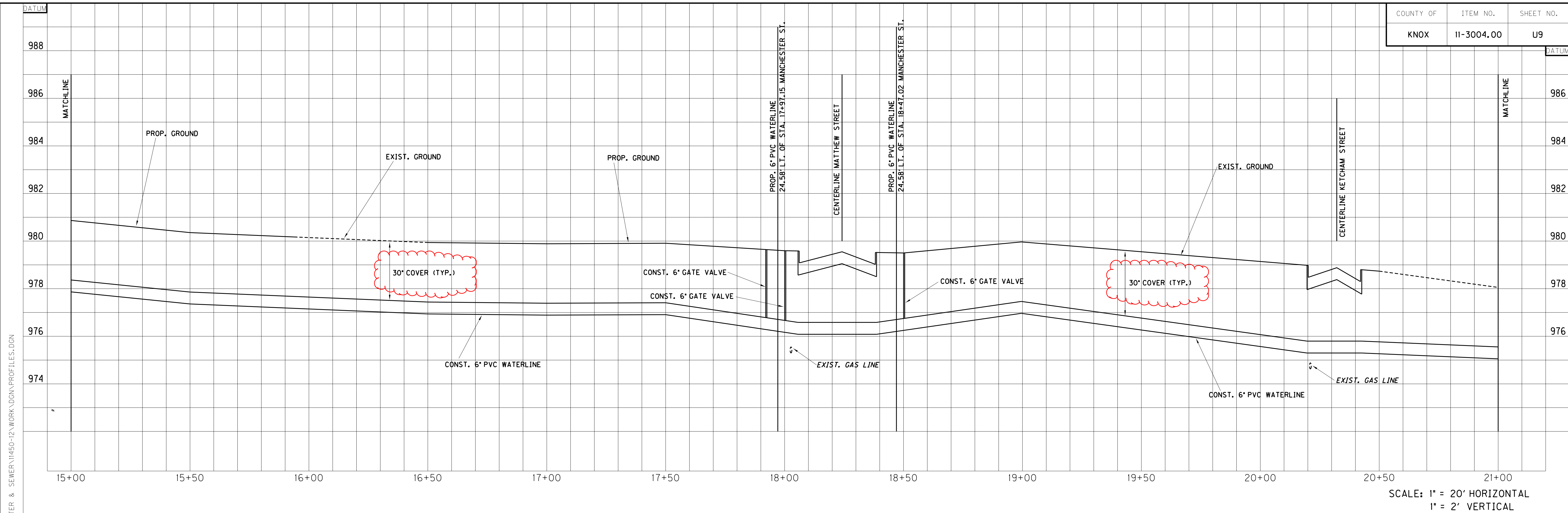


14+50 15+00
WATERLINE PROFILE
 KY 1487 MANCHESTER STREET
 70.71' LT. OF STA. 3+26.72 TO
 14.64' LT. OF STA. 22+77.86

FILE NAME: M:\WATER & SEWER\11450-12\WORK\DWG\PROFILES.DGN
 USER: cmcoppas
 DATE PLOTTED: November 10, 2015
 E-SHEET NAME:
 MicroStation v8.11.7.443



WATERLINE PROFILE
 KY 1487 MANCHESTER STREET
 70.71' LT. OF STA. 3+26.72 TO
 14.64' LT. OF STA. 22+77.86

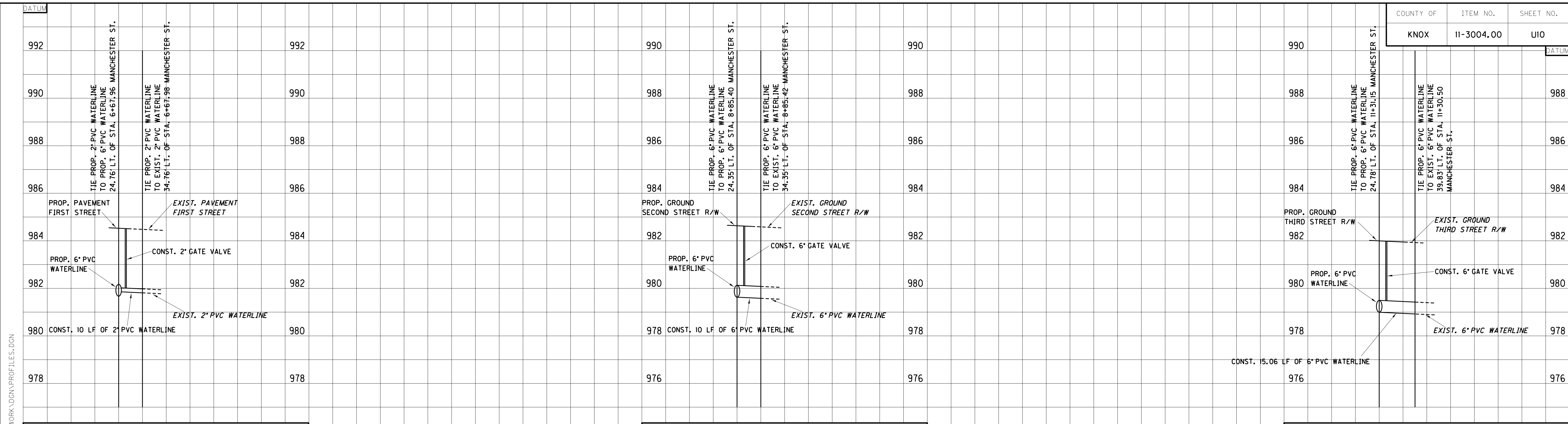


SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL



WATERLINE PROFILE
KY 1487 MANCHESTER STREET
70.71' LT. OF STA. 3+26.72 TO
14.64' LT. OF STA. 22+77.86

MicroStation v8.11.7.443
 E-SHEET NAME:
 USER: cmcapps
 DATE PLOTTED: November 10, 2015
 FILE NAME: M:\WATER & SEWER\11450-12\WORK\DWG\PROFILES.DGN

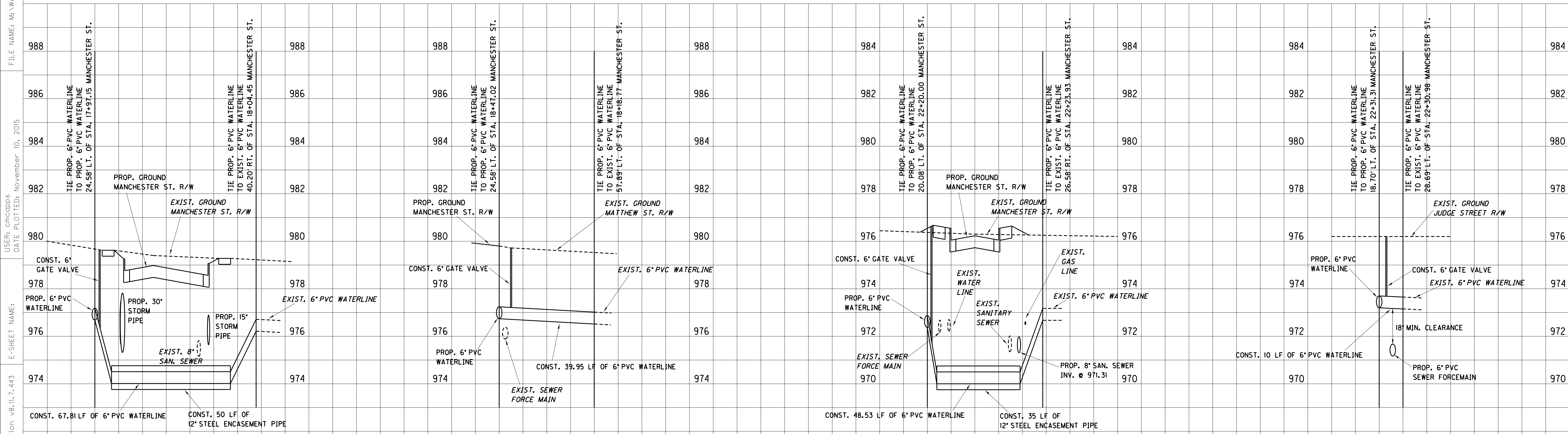


WATERLINE PROFILE
 KY 1487 MANCHESTER STREET
 24.76' LT. OF STA. 6+67.96 TO
 34.76' LT. OF STA. 6+67.98

WATERLINE PROFILE
 KY 1487 MANCHESTER STREET
 24.35' LT. OF STA. 8+85.40 TO
 34.35' LT. OF STA. 8+85.42

WATERLINE PROFILE
 KY 1487 MANCHESTER STREET
 24.78' LT. OF STA. 11+31.15 TO
 39.83' LT. OF STA. 11+30.50

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL



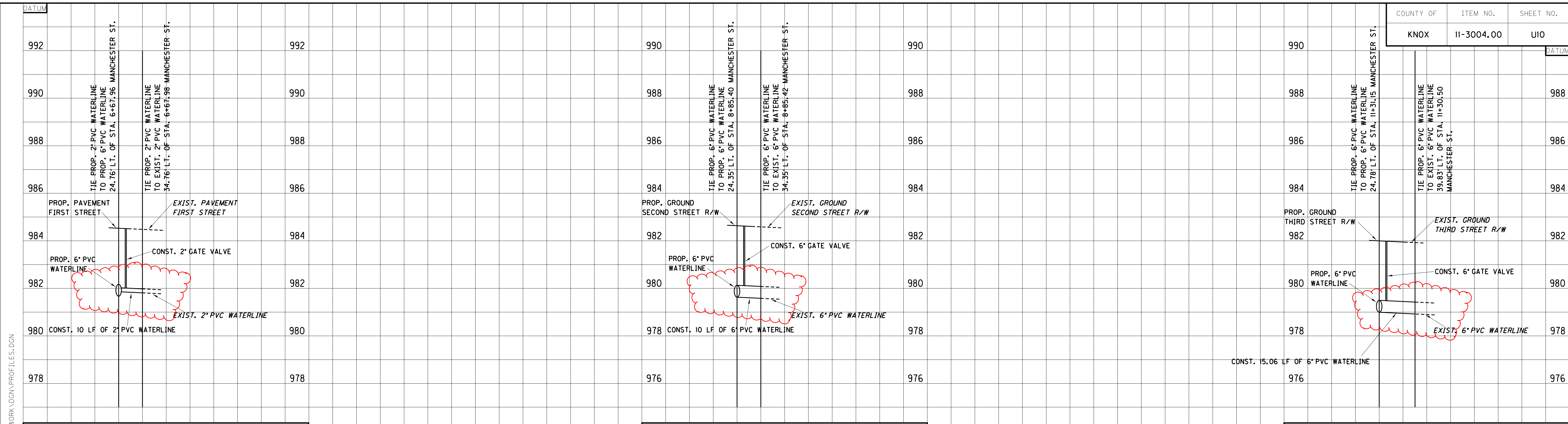
WATERLINE PROFILE
 KY 1487 MANCHESTER STREET
 24.58' LT. OF STA. 17+97.15 TO
 40.20' RT. OF STA. 18+04.45

WATERLINE PROFILE
 KY 1487 MANCHESTER STREET
 24.58' LT. OF STA. 18+47.02 TO
 57.89' LT. OF STA. 18+18.77

WATERLINE PROFILE
 KY 1487 MANCHESTER STREET
 20.08' LT. OF STA. 22+20.00 TO
 26.58' RT. OF STA. 22+23.93

WATERLINE PROFILE
 KY 1487 MANCHESTER STREET
 18.70' LT. OF STA. 22+31.31 TO
 28.69' LT. OF STA. 22+30.98

FILE NAME: M:\WATER & SEWER\11450-12\WORK\DGN\PROFILES.DGN
 USER: cmcpcps
 DATE PLOTTED: November 10, 2015
 E-SHEET NAME:
 MicroStation v8.11.7.443

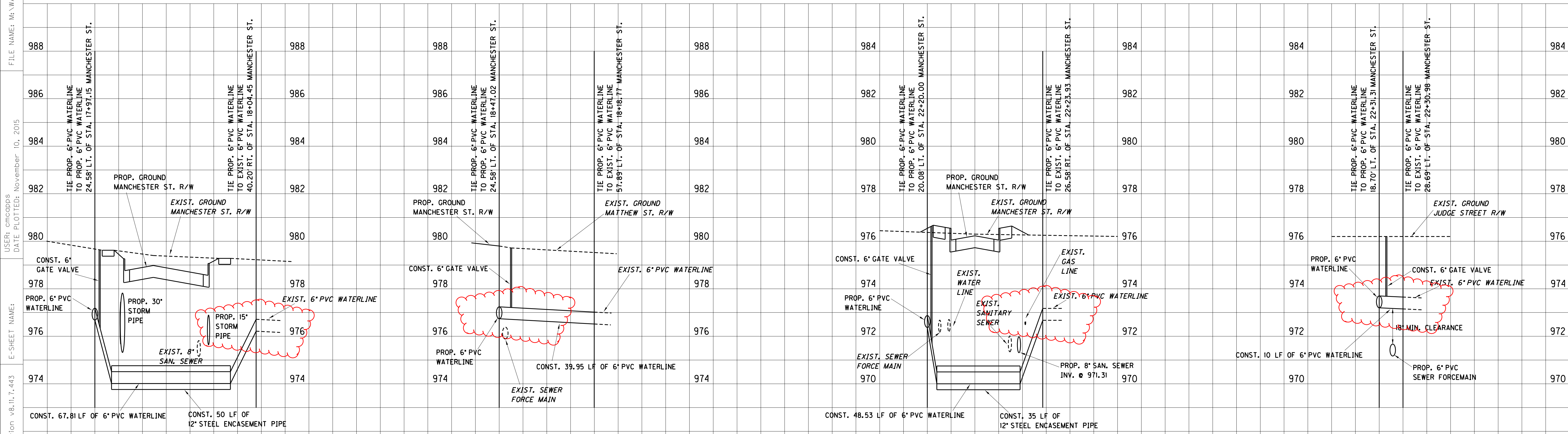


WATERLINE PROFILE
 KY 1487 MANCHESTER STREET
 24.76' LT. OF STA. 6+67.96 TO
 34.76' LT. OF STA. 6+67.98

WATERLINE PROFILE
 KY 1487 MANCHESTER STREET
 24.35' LT. OF STA. 8+85.40 TO
 34.35' LT. OF STA. 8+85.42

WATERLINE PROFILE
 KY 1487 MANCHESTER STREET
 24.78' LT. OF STA. 11+31.15 TO
 39.83' LT. OF STA. 11+30.50

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL



WATERLINE PROFILE
 KY 1487 MANCHESTER STREET
 24.58' LT. OF STA. 17+97.15 TO
 40.20' RT. OF STA. 18+04.45

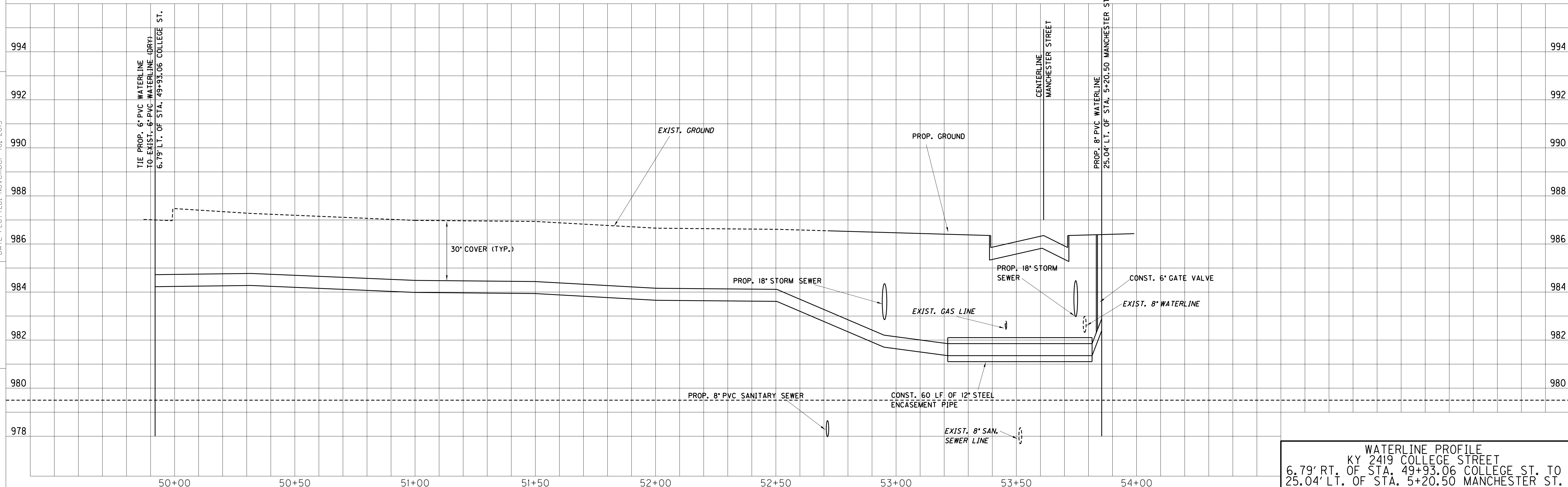
WATERLINE PROFILE
 KY 1487 MANCHESTER STREET
 24.58' LT. OF STA. 18+47.02 TO
 57.89' LT. OF STA. 18+18.77

WATERLINE PROFILE
 KY 1487 MANCHESTER STREET
 20.08' LT. OF STA. 22+20.00 TO
 26.58' RT. OF STA. 22+23.93

WATERLINE PROFILE
 KY 1487 MANCHESTER STREET
 18.70' LT. OF STA. 22+31.31 TO
 28.69' LT. OF STA. 22+30.98

FILE NAME: M:\WATER & SEWER\11450-12\WORK\DGN\PROFILES.DGN
 USER: cmcpcps
 DATE PLOTTED: November 10, 2015
 E-SHEET NAME:
 MicroStation v8.11.7.443

MicroStation v8.11.7.443
 E-SHEET NAME:
 USER: cmcoppa
 DATE PLOTTED: November 10, 2015
 FILE NAME: M:\WATER & SEWER\11450-12\WORK\DWG\PROFILES.DGN



SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

WATERLINE PROFILE
 KY 2419 COLLEGE STREET
 6.79' RT. OF STA. 49+93.06 COLLEGE ST. TO
 25.04' LT. OF STA. 5+20.50 MANCHESTER ST.

DATUM

DATUM

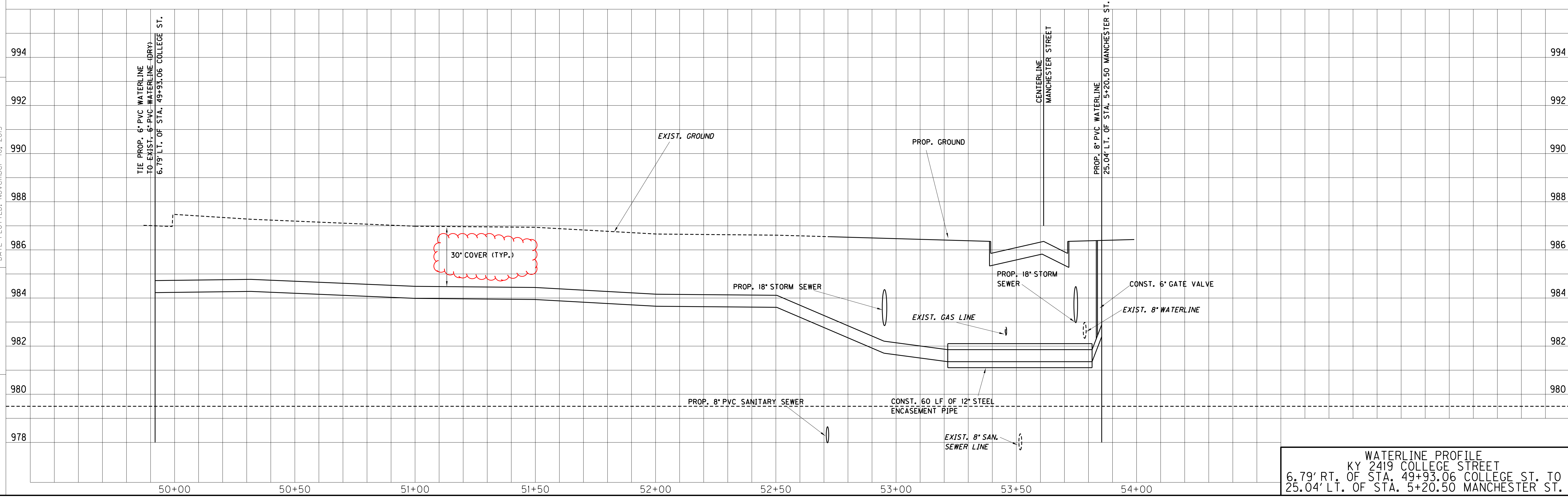
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USER: cmcoppa
DATE PLOTTED: November 10, 2015

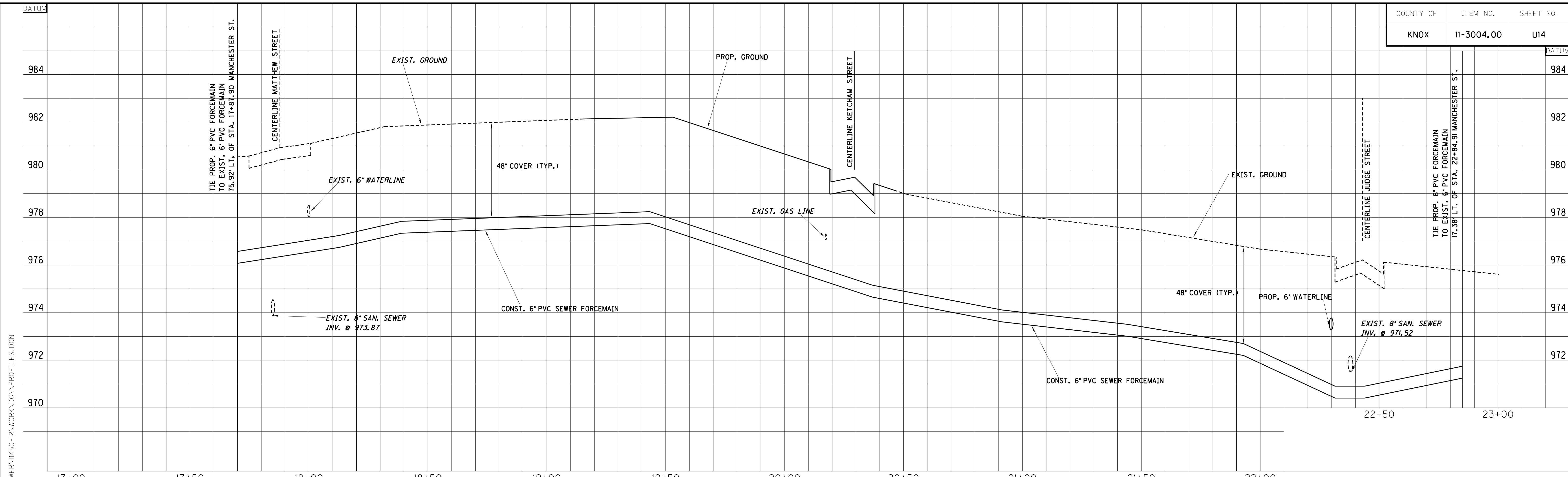
E-SHEET NAME:

MicroStation v8.11.7.443

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL



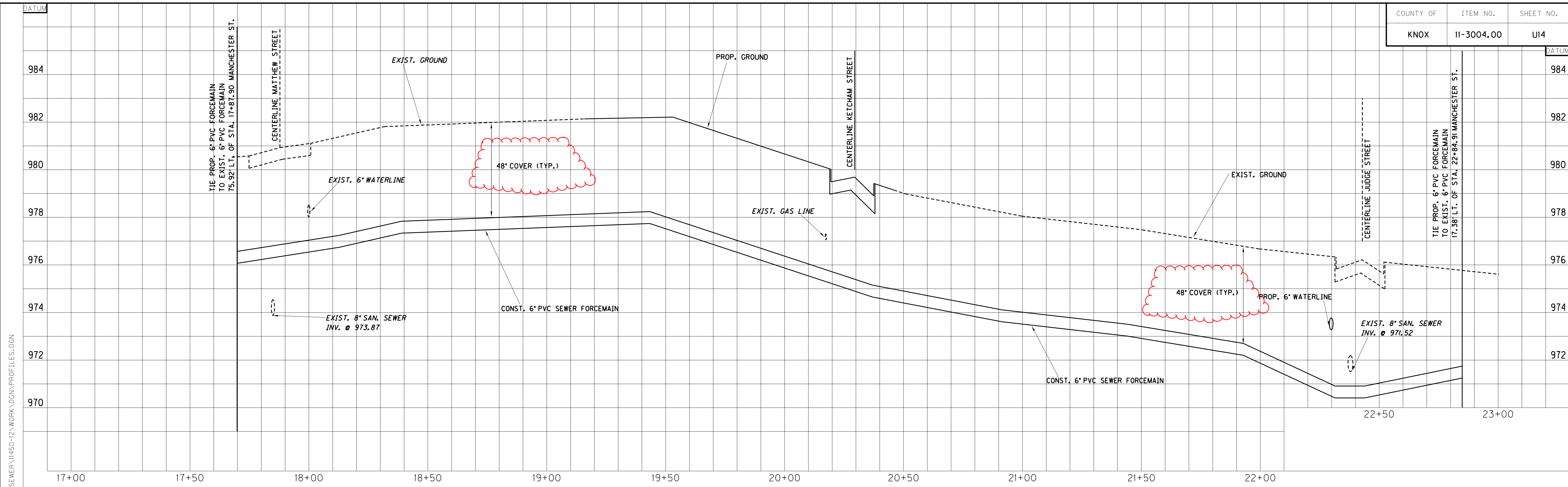
WATERLINE PROFILE
 KY 2419 COLLEGE STREET
 6.79' RT. OF STA. 49+93.06 COLLEGE ST. TO
 25.04' LT. OF STA. 5+20.50 MANCHESTER ST.



SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

MicroStation v8.11.7.443
 E-SHEET NAME:
 USER: cmcoppa
 DATE PLOTTED: November 10, 2015
 FILE NAME: M:\WATER & SEWER\11450-12\WORK\DGN\PROFILES.DGN

SEWER FORCEMAIN PROFILE
 KY 1487 MANCHESTER STREET
 75.92' LT. OF STA. 17+87.90 TO
 17.38' LT. OF STA. 22+84.91



SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

FILE NAME: M:\WATER & SEWER\11450-12\WORK\DGN\PROFILES.DGN

USER: cmcoppas
DATE PLOTTED: November 10, 2015

E-SHEET NAME:

MicroStation v8.11.7.443

SEWER FORCEMAIN PROFILE
KY 1487 MANCHESTER STREET
75.92' LT. OF STA. 17+87.90 TO
17.38' LT. OF STA. 22+84.91

PROPOSAL BID ITEMS

REVISED ADDENDUM #2: 11-13-15

151280

Page 1 of 4

Report Date 11/13/15

Section: 0001 - PAVING

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|-----------------------------|----------|------|-----------|----|--------|
| 0010 | 00003 | | CRUSHED STONE BASE | 3,654.00 | TON | | \$ | |
| 0020 | 00020 | | TRAFFIC BOUND BASE | 200.00 | TON | | \$ | |
| 0030 | 00078 | | CRUSHED AGGREGATE SIZE NO 2 | 6,997.00 | TON | | \$ | |
| 0040 | 00212 | | CL2 ASPH BASE 1.00D PG64-22 | 3,268.00 | TON | | \$ | |
| 0050 | 00301 | | CL2 ASPH SURF 0.38D PG64-22 | 927.00 | TON | | \$ | |
| 0060 | 02101 | | CEM CONC ENT PAVEMENT-8 IN | 359.00 | SQYD | | \$ | |

Section: 0002 - ROADWAY

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|--|----------|------|-----------|----|--------|
| 0070 | 01005 | | PERFORATED PIPE EDGE DRAIN-4 IN | 3,574.00 | LF | | \$ | |
| 0080 | 01010 | | NON-PERFORATED PIPE-4 IN | 35.00 | LF | | \$ | |
| 0090 | 01015 | | INSPECT & CERTIFY EDGE DRAIN SYSTEM | 1.00 | LS | | \$ | |
| 0100 | 01740 | | CORED HOLE DRAINAGE BOX CON-4 IN | 34.00 | EACH | | \$ | |
| 0110 | 01741 | | CORED HOLE DRAINAGE BOX CON-6 IN | 1.00 | EACH | | \$ | |
| 0120 | 01810 | | STANDARD CURB AND GUTTER | 3,106.10 | LF | | \$ | |
| 0130 | 01890 | | ISLAND HEADER CURB TYPE 1 | 1,076.00 | LF | | \$ | |
| 0140 | 01891 | | ISLAND HEADER CURB TYPE 2 | 92.00 | LF | | \$ | |
| 0150 | 02014 | | BARRICADE-TYPE III | 12.00 | EACH | | \$ | |
| 0160 | 02200 | | ROADWAY EXCAVATION | 2,356.00 | CUYD | | \$ | |
| 0170 | 02242 | | WATER (FOR DUST CONTROL) | 20.00 | MGAL | | \$ | |
| 0180 | 02429 | | RIGHT-OF-WAY MONUMENT TYPE 1 | 11.00 | EACH | | \$ | |
| 0190 | 02430 | | RIGHT-OF-WAY MONUMENT TYPE 1A | 3.00 | EACH | | \$ | |
| 0200 | 02432 | | WITNESS POST | 14.00 | EACH | | \$ | |
| 0210 | 02545 | | CLEARING AND GRUBBING (APPROXIMATELY 2.34 ACRES)) | 1.00 | LS | | \$ | |
| 0220 | 02562 | | TEMPORARY SIGNS | 433.00 | SQFT | | \$ | |
| 0230 | 02585 | | EDGE KEY | 105.00 | LF | | \$ | |
| 0240 | 02650 | | MAINTAIN & CONTROL TRAFFIC | 1.00 | LS | | \$ | |
| 0250 | 02676 | | MOBILIZATION FOR MILL & TEXT | 1.00 | LS | | \$ | |
| 0260 | 02677 | | ASPHALT PAVE MILLING & TEXTURING | 2,970.00 | TON | | \$ | |
| 0270 | 02701 | | TEMP SILT FENCE | 1,919.00 | LF | | \$ | |
| 0280 | 02703 | | SILT TRAP TYPE A | 2.00 | EACH | | \$ | |
| 0290 | 02704 | | SILT TRAP TYPE B | 2.00 | EACH | | \$ | |
| 0300 | 02705 | | SILT TRAP TYPE C | 2.00 | EACH | | \$ | |
| 0310 | 02706 | | CLEAN SILT TRAP TYPE A | 2.00 | EACH | | \$ | |
| 0320 | 02707 | | CLEAN SILT TRAP TYPE B | 2.00 | EACH | | \$ | |
| 0330 | 02708 | | CLEAN SILT TRAP TYPE C | 2.00 | EACH | | \$ | |
| 0340 | 02720 | | SIDEWALK-4 IN CONCRETE | 2,068.00 | SQYD | | \$ | |
| 0350 | 02726 | | STAKING | 1.00 | LS | | \$ | |
| 0360 | 05950 | | EROSION CONTROL BLANKET | 1,040.00 | SQYD | | \$ | |
| 0370 | 05952 | | TEMP MULCH | 6,700.00 | SQYD | | \$ | |
| 0380 | 05963 | | INITIAL FERTILIZER | .60 | TON | | \$ | |
| 0390 | 05964 | | 20-10-10 FERTILIZER | .60 | TON | | \$ | |
| 0400 | 05985 | | SEEDING AND PROTECTION | 874.00 | SQYD | | \$ | |
| 0410 | 05990 | | SODDING | 5,132.00 | SQYD | | \$ | |

PROPOSAL BID ITEMS

REVISED ADDENDUM #2: 11-13-15

151280

Page 2 of 4

Report Date 11/13/15

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|------------|-----|--|-----------|------|-----------|----|--------|
| 0420 | 05992 | | AGRICULTURAL LIMESTONE | 7.00 | TON | | \$ | |
| 0430 | 06510 | | PAVE STRIPING-TEMP PAINT-4 IN | 12,500.00 | LF | | \$ | |
| 0440 | 06514 | | PAVE STRIPING-PERM PAINT-4 IN | 3,097.00 | LF | | \$ | |
| 0450 | 06515 | | PAVE STRIPING-PERM PAINT-6 IN | 6,050.00 | LF | | \$ | |
| 0460 | 06566 | | PAVE MARKING-THERMO X-WALK-12 IN | 297.00 | LF | | \$ | |
| 0470 | 06568 | | PAVE MARKING-THERMO STOP BAR-24IN | 151.00 | LF | | \$ | |
| 0480 | 06569 | | PAVE MARKING-THERMO CROSS-HATCH | 2,551.00 | SQFT | | \$ | |
| 0490 | 06570 | | PAVE MARKING-PAINT CROSS-HATCH | 654.00 | SQFT | | \$ | |
| 0500 | 06574 | | PAVE MARKING-THERMO CURV ARROW | 29.00 | EACH | | \$ | |
| 0510 | 20206EC | | PAVE MARK HANDICAP SYMBOL | 5.00 | EACH | | \$ | |
| 0520 | 23055N | | REMOVE (2-STORY BRICK BUILDING STA. 3+50 RT. 41.00') | 1.00 | LS | | \$ | |
| 0530 | 23055N | | REMOVE (2-STORY BLOCK BUILDING STA. 4+00 RT. 41.00') | 1.00 | LS | | \$ | |
| 0540 | 23055N | | REMOVE (2-STORY BLOCK BUILDING STA. 4+00 RT. 68.00') | 1.00 | LS | | \$ | |
| 0550 | 23119EN | | PEDESTRIAN SAFETY FENCE | 36.00 | LF | | \$ | |
| 0560 | 23158ES505 | | DETECTABLE WARNINGS | 270.00 | SQFT | | \$ | |
| 0570 | 24814EC | | PIPELINE INSPECTION | 4,030.00 | LF | | \$ | |

Section: 0003 - DRAINAGE - STORM SEWER

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|--|----------|------|-----------|----|--------|
| 0580 | 00521 | | STORM SEWER PIPE-15 IN | 960.00 | LF | | \$ | |
| 0590 | 00522 | | STORM SEWER PIPE-18 IN | 897.00 | LF | | \$ | |
| 0600 | 00524 | | STORM SEWER PIPE-24 IN | 1,139.00 | LF | | \$ | |
| 0610 | 00525 | | STORM SEWER PIPE-27 IN | 260.00 | LF | | \$ | |
| 0620 | 00526 | | STORM SEWER PIPE-30 IN | 331.00 | LF | | \$ | |
| 0630 | 00528 | | STORM SEWER PIPE-36 IN | 443.00 | LF | | \$ | |
| 0640 | 01011 | | NON-PERFORATED PIPE-6 IN | 26.50 | LF | | \$ | |
| 0650 | 01212 | | PIPE CULVERT HEADWALL-36 IN | 1.00 | EACH | | \$ | |
| 0660 | 01456 | | CURB BOX INLET TYPE A | 35.00 | EACH | | \$ | |
| 0670 | 01559 | | DROP BOX INLET TYPE 13G | 1.00 | EACH | | \$ | |
| 0680 | 01577 | | DROP BOX INLET TYPE 14 | 10.00 | EACH | | \$ | |
| 0690 | 01643 | | JUNCTION BOX-24 IN | 4.00 | EACH | | \$ | |
| 0700 | 01644 | | JUNCTION BOX-30 IN | 1.00 | EACH | | \$ | |
| 0710 | 01645 | | JUNCTION BOX-36 IN | 1.00 | EACH | | \$ | |
| 0720 | 01647 | | JUNCTION BOX-48 IN | 1.00 | EACH | | \$ | |
| 0730 | 02483 | | CHANNEL LINING CLASS II (REVISED: 11-13-15) | 3.20 | TON | | \$ | |
| 0740 | 03385 | | PVC PIPE-6 IN | 25.00 | LF | | \$ | |

Section: 0004 - SEWER

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|--|----------|------|-----------|----|--------|
| 0750 | 15023 | | S ENCASEMENT STEEL OPEN CUT RANGE 4 (16-IN) | 120.00 | LF | | \$ | |

PROPOSAL BID ITEMS

REVISED ADDENDUM #2: 11-13-15

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| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|---|----------|------|-----------|----|--------|
| 0760 | 15060 | | S FORCE MAIN PVC 06 INCH | 263.00 | LF | | \$ | |
| 0770 | 15074 | | S FORCE MAIN TIE-IN 06 INCH | 2.00 | EACH | | \$ | |
| 0780 | 15092 | | S MANHOLE | 12.00 | EACH | | \$ | |
| 0790 | 15093 | | S MANHOLE ABANDON/REMOVE | 11.00 | EACH | | \$ | |
| 0800 | 15101 | | S MANHOLE WITH DROP (OUTSIDE) | 1.00 | EACH | | \$ | |
| 0810 | 15112 | | S PIPE PVC 08 INCH (PVC GRAVITY SEWER) | 1,451.00 | LF | | \$ | |
| 0820 | 15566 | | S LATERAL LONG SIDE 06 INCH INST | 12.00 | EACH | | \$ | |
| 0830 | 15568 | | S LATERAL SHORT SIDE 06 INCH INST | 14.00 | EACH | | \$ | |
| 0840 | 24518EC | | CAP AND ABANDON (PLUG 8-IN SEWER LINE) | 27.00 | EACH | | \$ | |
| 0850 | 24518EC | | CAP AND ABANDON (PLUG 6-IN FORCE MAIN) | 2.00 | EACH | | \$ | |

Section: 0005 - LIGHTING

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|------------|-----|--------------------------------|----------|------|-----------|----|--------|
| 0860 | 03381 | | PVC PIPE-2 IN | 3,117.00 | LF | | \$ | |
| 0870 | 04701 | | POLE 40 FT MTG HT | 8.00 | EACH | | \$ | |
| 0880 | 04720 | | BRACKET 4 FT | 7.00 | EACH | | \$ | |
| 0890 | 04725 | | BRACKET 15 FT | 1.00 | EACH | | \$ | |
| 0900 | 04740 | | POLE BASE | 24.00 | EACH | | \$ | |
| 0910 | 04750 | | TRANSFORMER BASE | 8.00 | EACH | | \$ | |
| 0920 | 04760 | | POLE W/SECONDARY CONTROL EQUIP | 1.00 | EACH | | \$ | |
| 0930 | 04780 | | FUSED CONNECTOR KIT | 16.00 | EACH | | \$ | |
| 0940 | 04820 | | TRENCHING AND BACKFILLING | 3,117.00 | LF | | \$ | |
| 0970 | 04940 | | REMOVE LIGHTING | 1.00 | LS | | \$ | |
| 0980 | 20391NS835 | | ELECTRICAL JUNCTION BOX TYPE A | 13.00 | EACH | | \$ | |
| 0990 | 21543EN | | BORE AND JACK CONDUIT | 428.00 | LF | | \$ | |

Section: 0006 - WATERLINE

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|---|----------|------|-----------|----|--------|
| 1010 | 14003 | | W CAP EXISTING MAIN (& ABANDON) | 10.00 | EACH | | \$ | |
| 1020 | 14014 | | W ENCASEMENT STEEL OPEN CUT RANGE 3 (12-IN) | 145.00 | LF | | \$ | |
| 1030 | 14019 | | W FIRE HYDRANT ASSEMBLY | 1.00 | EACH | | \$ | |
| 1040 | 14021 | | W FIRE HYDRANT REMOVE (EXISTING) | 1.00 | EACH | | \$ | |
| 1050 | 14028 | | W METER 3/4 INCH (CONSTRUCT WATER SERVICE SETTING) | 21.00 | EACH | | \$ | |
| 1060 | 14056 | | W PIPE PVC 02 INCH | 10.00 | LF | | \$ | |
| 1070 | 14059 | | W PIPE PVC 06 INCH | 2,329.00 | LF | | \$ | |
| 1080 | 14060 | | W PIPE PVC 08 INCH | 211.00 | LF | | \$ | |
| 1090 | 14089 | | W TAPPING SLEEVE AND VALVE SIZE 1 (TIE TO EXISTING 8-IN WET TAP) | 1.00 | EACH | | \$ | |
| 1100 | 14091 | | W TIE-IN 02 INCH (EXISTING, DRY TIE) | 9.00 | EACH | | \$ | |

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| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|---|----------|------|-----------|----|--------|
| 1110 | 14094 | | W TIE-IN 06 INCH (EXISTING, DRY TIE) | 9.00 | EACH | | \$ | |
| 1120 | 14102 | | W VALVE 02 INCH | 1.00 | EACH | | \$ | |
| 1130 | 14105 | | W VALVE 06 INCH | 11.00 | EACH | | \$ | |
| 1140 | 21346ND | | WATER SERVICE RECONNECT-3/4 IN-1 IN | 21.00 | EACH | | \$ | |
| 1150 | 24030EC | | REMOVE VALVE (EXISTING GATE VALVE) | 12.00 | EACH | | \$ | |

Section: 0007 - DEMOBILIZATION &/OR MOBILIZATION

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|----------------|----------|------|-----------|----|--------|
| 1160 | 02568 | | MOBILIZATION | 1.00 | LS | | \$ | |
| 1170 | 02569 | | DEMOBILIZATION | 1.00 | LS | | \$ | |