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| PLAN | SURVEYED | DATE |
| | BY | |
| NOTE BOOK NO. | ALIGNED | |
| | CHECKED | |
| | RE. OF WAY CHECKED | |
| | PAID FILE NAME | |

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| PROFILE | SURVEYED | DATE |
| | BY | |
| NOTE BOOK NO. | ALIGNED | |
| | CHECKED | |
| | RE. OF WAY CHECKED | |
| | STRUCTURE NOTATION OK'D | |

| PIPE NUMBER | FROM STRUCTURE NUMBER | TO STRUCTURE NUMBER | PAY ITEM NO. | DESCRIPTION | PIPE SLOPE % | PIPE SIZE IN | PIPE LENGTH FT | QUANTITY | UNIT | 20800150 TRENCH BACKFILL CU YD |
|-------------|-----------------------|---------------------|--------------|--|--------------|--------------|----------------|----------|------|--------------------------------|
| P-1 | 2 | 1 | 550A0340 | STORM SEWER CL A TY 2 12" | 4.00% | 12 | 57.7 | 57.7 | FOOT | 0.0 |
| P-2 | 3 | 4 | 550A0340 | STORM SEWER CL A TY 2 12" | 1.55% | 12 | 9.4 | 9.4 | FOOT | 0.0 |
| P-2 | 3 | 4 | 550A2520 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12" | 1.55% | 12 | 10.0 | 10.0 | FOOT | 0.0 |
| P-3 | 6 | 7 | 542A1069 | PIPE CULVERTS CL A TY 2 24" | 0.40% | 24 | 74.8 | 74.8 | FOOT | 12.7 |
| P-4 | 8 | 6 | 550A0050 | STORM SEWER CL A TY 1 12" | 6.89% | 12 | 10.3 | 10.3 | FOOT | 0.3 |
| P-5 | 9 | 8 | | EXISTING LINE | 0.31% | EX. 12 | 25.7 | | | Existing Line |
| P-6 | 5 | 6 | 542A1069 | PIPE CULVERTS CL A TY 2 24" | 0.51% | 24 | 5.9 | 5.9 | FOOT | 0.0 |
| P-7 | 11 | 10 | Z0056616 | STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH | 1.18% | 24 | 38.0 | 38.0 | FOOT | 8.7 |
| P-8 | 12 | 11 | 550A0340 | STORM SEWER CL A TY 2 12" | 0.68% | 12 | 36.7 | 36.7 | FOOT | 1.8 |
| P-9 | 13 | 12 | 550A0050 | STORM SEWER CL A TY 1 12" | 0.50% | 12 | 32.4 | 32.4 | FOOT | 10.9 |
| P-10 | 16 | 11 | Z0056616 | STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH | 0.92% | 24 | 100.1 | 100.1 | FOOT | 29.1 |
| P-10A | 15 | 16 | Z0056616 | STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH | 0.98% | 24 | 34.8 | 34.8 | FOOT | 0.7 |
| P-11 | 14 | 15 | 550A0340 | STORM SEWER CL A TY 2 12" | 1.15% | 12 | 3.0 | 3.0 | FOOT | 0.0 |
| P-11 | 14 | 15 | 550A2520 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12" | 1.15% | 12 | 10.0 | 10.0 | FOOT | 0.0 |
| P-12 | 17 | 16 | 550A0340 | STORM SEWER CL A TY 2 12" | 0.49% | 12 | 57.5 | 57.5 | FOOT | 15.8 |
| P-13 | 19B | 15 | Z0056610 | STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH | 1.50% | 15 | 154.9 | 154.9 | FOOT | 4.9 |
| P-13A | 19C | 19B | Z0056610 | STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH | 1.66% | 15 | 72.4 | 72.4 | FOOT | 0.0 |
| P-14 | 18 | 19C | 550A0340 | STORM SEWER CL A TY 2 12" | 0.93% | 12 | 6.1 | 6.1 | FOOT | 0.0 |
| P-14 | 18 | 19C | 550A2520 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12" | 0.93% | 12 | 10.0 | 10.0 | FOOT | 0.0 |
| P-15 | 20 | 19C | Z0056608 | STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH | 1.91% | 12 | 4.3 | 4.3 | FOOT | 0.0 |
| P-16A | 19A | 19B | 550A2520 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12" | 2.18% | 12 | 4.6 | 4.6 | FOOT | 0.0 |
| P-16 | 22 | 25A | 550A0090 | STORM SEWER CL A TY 1 18" | 1.23% | 18 | 118.2 | 118.2 | FOOT | 55.4 |
| P-17 | 21 | 22 | 550A0360 | STORM SEWER CL A TY 2 15" | 0.96% | 15 | 69.7 | 69.7 | FOOT | 30.8 |
| P-17A | 24 | 21 | 550A0340 | STORM SEWER CL A TY 2 12" | 1.05% | 12 | 42.6 | 42.6 | FOOT | 14.2 |
| P-18 | 23 | 22 | 550A0050 | STORM SEWER CL A TY 1 12" | 1.45% | 12 | 9.0 | 9.0 | FOOT | 0.0 |
| P-19 | 24A | 25 | 550A0340 | STORM SEWER CL A TY 2 12" | 1.63% | 12 | 4.9 | 4.9 | FOOT | 0.0 |
| P-19A | 25A | 25 | 550A0090 | STORM SEWER CL A TY 1 18" | 0.91% | 18 | 118.3 | 118.3 | FOOT | 56.3 |
| P-20 | 25 | 26 | 550A0410 | STORM SEWER CL A TY 2 24" | 2.00% | 24 | 144.7 | 144.7 | FOOT | 43.5 |
| P-21 | 28 | 27 | 550A0340 | STORM SEWER CL A TY 2 12" | 0.52% | 12 | 38.7 | 38.7 | FOOT | 15.2 |
| P-22 | 29 | 28 | 550A0340 | STORM SEWER CL A TY 2 12" | 0.50% | 12 | 48.1 | 48.1 | FOOT | 18.6 |
| P-22A | 30A | 27A | 550A0340 | STORM SEWER CL A TY 2 12" | 0.51% | 12 | 97.2 | 97.2 | FOOT | 41.9 |
| P-22B | 31C | 31B | 542A0223 | PIPE CULVERTS CL A TY 1 18" | 0.59% | 18 | 51.1 | 51.1 | FOOT | 8.2 |
| P-22C | 29B | 29C | 542A0223 | PIPE CULVERTS CL A TY 1 18" | 0.64% | 18 | 75.0 | 75.0 | FOOT | 16.1 |
| P-23 | 27 | 21 | 550A0360 | STORM SEWER CL A TY 2 15" | 0.97% | 15 | 169.7 | 169.7 | FOOT | 23.4 |
| P-23A | 27A | 27 | 550A0340 | STORM SEWER CL A TY 2 12" | 1.08% | 12 | 143.7 | 143.7 | FOOT | 63.8 |
| P-24 | 31 | 32 | 550A0340 | STORM SEWER CL A TY 2 12" | 0.50% | 12 | 12.1 | 12.1 | FOOT | 0.0 |
| P-24A | 31A | 31 | 550A0340 | STORM SEWER CL A TY 2 12" | 0.50% | 12 | 47.1 | 47.1 | FOOT | 12.4 |
| P-24B | 32A | 31A | 550A0340 | STORM SEWER CL A TY 2 12" | 0.50% | 12 | 45.8 | 45.8 | FOOT | 13.1 |
| P-25 | 34 | 33 | 550A0050 | STORM SEWER CL A TY 1 12" | 5.12% | 12 | 7.4 | 7.4 | FOOT | 0.0 |
| P-26 | 35 | 36 | 550A0050 | STORM SEWER CL A TY 1 12" | 0.50% | 12 | 53.6 | 53.6 | FOOT | 15.7 |
| P-27 | 36 | 37 | 550A0050 | STORM SEWER CL A TY 1 12" | 0.54% | 12 | 7.4 | 7.4 | FOOT | 0.0 |
| P-28 | 39 | 38 | 550A0050 | STORM SEWER CL A TY 1 12" | 0.54% | 12 | 7.4 | 7.4 | FOOT | 0.0 |
| P-28A | 40A | 41A | 550A0050 | STORM SEWER CL A TY 1 12" | 1.56% | 12 | 9.6 | 9.6 | FOOT | 0.0 |
| P-29 | 40B | 39 | 550A0050 | STORM SEWER CL A TY 1 12" | 0.49% | 12 | 53.6 | 53.6 | FOOT | 18.7 |
| P-30C | 41 | 42 | 542A8227 | PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 42" | 0.47% | 42"EQRS | 17.1 | 17.1 | FOOT | 0.0 |
| P-30D | 42 | 43 | 542A8227 | PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 42" | 0.49% | 42"EQRS | 109.2 | 109.2 | FOOT | 181.1 |
| P-30F | 43 | 44 | 542A8227 | PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 42" | 0.47% | 42"EQRS | 21.2 | 21.2 | FOOT | 0.0 |
| P-30 | 45 | 46 | | EXISTING LINE | 0.81% | EX. 12 | 24.7 | | | Existing Line |
| P-31A | 149 | EX. INLET | 550A0380 | STORM SEWER CL A TY 2 18" | MATCH EX. | 18 | 150.8 | 150.8 | FOOT | 60.2 |
| P-31B | 150 | 149 | 550A0380 | STORM SEWER CL A TY 2 18" | MATCH EX. | 18 | 143.7 | 143.7 | FOOT | 57.4 |
| P-31C | 150A | 150 | 550A0380 | STORM SEWER CL A TY 2 18" | MATCH EX. | 18 | 207.5 | 207.5 | FOOT | 82.9 |
| P-31 | 47 | 46 | | EXISTING LINE | 0.69% | EX. 12 | 21.6 | | | Existing Line |