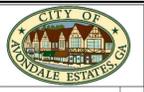
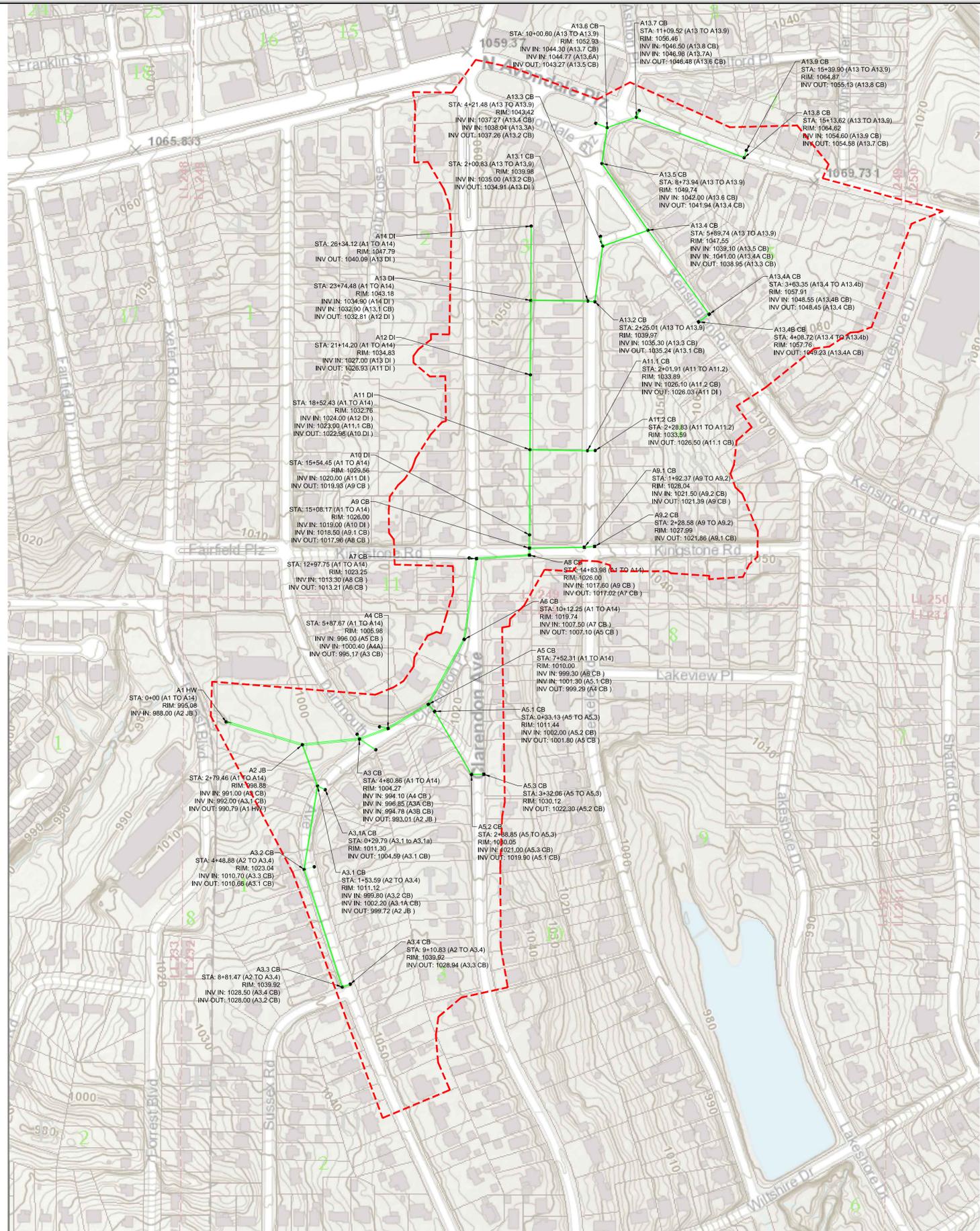






| PROPOSED STORM SEWERS - PHASE 1<br>PIPE SCHEDULE |                |                            |                       |                       |                                    |                  |   |
|--|----------------|----------------------------|-----------------------|-----------------------|------------------------------------|------------------|---|
| Structure Name                                   | Rim Elev. (ft) | Invert In Elev. (ft)       | Invert Out Elev. (ft) | Structure Height (ft) | Pipe Segment                       | Pipe Length (ft) | Pipe Slope                                      |
| A1 HW  | 995.08         | 988.00                     |                       | 6.71                  | A1 TO A2                           | 279              | 72" RCP 1.00%                                   |
| A2 JB  | 998.88         | 991.00                     | 990.79                | 8.58                  | A2 TO A3                           | 201              | 72" RCP 1.00%                                   |
| A3 CB  | 1004.27        | 994.10<br>996.85<br>994.78 | 993.01                | 11.75                 | A3 TO A4<br>A3 TO A3a<br>A3 to A3b | 107<br>19<br>68  | 60" RCP 1.00%<br>24" RCP 1.00%<br>24" RCP 8.00% |
| A3.1 CB  | 1011.12        | 999.80<br>1002.20          | 999.72                | 13.40                 | A3.1 TO A3.2<br>A3.1 to A3.1A      | 295<br>30        | 36" RCP 3.68%<br>18" RCP 8.00%                  |
| A3.1a CB   | 1011.30        |                            | 1004.59               | 8.71                  |                                    |                  |   |
| A3.2 CB  | 1023.04        | 1010.70                    | 1010.66               | 14.38                 | A3.2 TO A3.3                       | 433              | 36" RCP 4.00%                                   |
| A3.3 CB  | 1039.92        | 1028.50                    | 1028.00               | 13.92                 | A3.3 TO A3.4                       | 29               | 36" RCP 1.50%                                   |
| A3.4 CB  | 1039.92        |                            | 1028.94               | 12.98                 |                                    |                  |   |
| A3a CB   | 1004.27        |                            | 997.04                | 9.25                  |                                    |                  |   |
| A3b CB   | 1006.77        |                            | 1000.25               | 8.52                  |                                    |                  |   |
| A4 CB  | 1005.98        | 996.00<br>1000.40          | 995.17                | 11.31                 | A4 TO A5<br>A4 to A4a              | 165<br>30        | 60" RCP 2.00%<br>24" RCP 0.86%                  |
| A4a  | 1005.84        |                            | 1000.66               | 7.18                  |                                    |                  |   |
| A5 CB  | 1010.00        | 999.30<br>1001.30          | 999.29                | 11.21                 | A5 TO A6<br>A5 TO A5.1             | 260<br>33        | 60" RCP 3.00%<br>24" RCP 1.50%                  |
| A5.1 CB  | 1011.44        | 1002.00                    | 1001.80               | 11.64                 | A5.1 TO A5.2                       | 256              | 24" RCP 7.00%                                   |
| A5.2 CB  | 1030.05        | 1021.00                    | 1019.50               | 12.15                 | A5.2 TO A5.3                       | 43               | 24" RCP 3.00%                                   |
| A5.3 CB  | 1030.12        |                            | 1022.30               | 9.82                  |                                    |                  |   |
| A6 CB  | 1019.74        | 1007.50                    | 1007.10               | 13.15                 | A6 TO A7                           | 286              | 54" RCP 2.00%                                   |
| A7 CB  | 1023.25        | 1013.30                    | 1013.21               | 12.04                 | A7 TO A8                           | 186              | 54" RCP 2.00%                                   |
| A8 CB  | 1026.00        | 1017.60                    | 1017.02               | 9.48                  | A8 TO A9                           | 24               | 48" RCP 1.50%                                   |
| A9 CB  | 1026.00        | 1019.00<br>1018.50         | 1017.96               | 8.54                  | A9 TO A10<br>A9 TO A9.1            | 46<br>192        | 48" RCP 2.00%<br>24" RCP 1.50%                  |
| A9.1 CB  | 1028.04        | 1021.50                    | 1021.39               | 8.66                  | A9.1 TO A9.2                       | 36               | 24" RCP 1.00%                                   |
| A9.2 CB  | 1027.99        |                            | 1021.86               | 8.13                  |                                    |                  |   |
| A10 DI   | 1029.56        | 1020.00                    | 1019.93               | 11.63                 | A10 TO A11                         | 298              | 48" RCP 1.00%                                   |
| A11 DI   | 1032.76        | 1024.00<br>1023.00         | 1022.98               | 11.78                 | A11 TO A12<br>A11 TO A11.1         | 262<br>202       | 36" RCP 1.12%<br>36" RCP 1.50%                  |
| A11.1 CB   | 1033.89        | 1026.10                    | 1026.03               | 9.86                  | A11.1 TO A11.2                     | 27               | 36" RCP 1.50%                                   |
| A11.2 CB   | 1033.59        |                            | 1026.50               | 9.09                  |                                    |                  |   |
| A12 DI   | 1034.83        | 1027.00                    | 1026.93               | 9.90                  | A12 TO A13                         | 260              | 36" RCP 2.23%                                   |
| A13 DI   | 1043.18        | 1034.90<br>1032.90         | 1032.81               | 12.37                 | A13 TO A14<br>A13 TO A13.1         | 260<br>201       | 18" RCP 2.00%<br>24" RCP 1.00%                  |
| A13.1 CB   | 1039.98        | 1035.00                    | 1034.91               | 7.07                  | A13.1 TO A13.2                     | 24               | 24" RCP 1.00%                                   |
| A13.2 CB   | 1039.97        | 1035.30                    | 1035.24               | 6.72                  | A13.2 TO A13.3                     | 196              | 24" RCP 1.00%                                   |
| A13.3 CB   | 1043.42        | 1037.27<br>1038.04         | 1037.26               | 8.16                  | A13.3 TO A13.4<br>A13.3 to A13.3a  | 168<br>35        | 24" RCP 1.00%<br>18" RCP 1.00%                  |
| A13.3a   | 1043.64        |                            | 1038.39               | 7.25                  |                                    |                  |   |
| A13.4 CB   | 1047.55        | 1039.10<br>1041.00         | 1038.95               | 10.59                 | A13.4 TO A13.5<br>A13.4 TO A13.4a  | 284<br>363       | 24" RCP 1.00%<br>18" RCP 2.05%                  |
| A13.4a CB  | 1057.91        | 1048.55                    | 1048.45               | 11.46                 | A13.4a TO A13.4b                   | 45               | 18" RCP 1.50%                                   |
| A13.4b CB  | 1057.76        |                            | 1049.23               | 10.53                 |                                    |                  |   |
| A13.5 CB   | 1049.74        | 1042.00                    | 1041.94               | 9.80                  | A13.5 TO A13.6                     | 127              | 24" RCP 1.00%                                   |
| A13.6 CB   | 1052.93        | 1044.30<br>1044.77         | 1043.27               | 11.66                 | A13.6 TO A13.7<br>A13.6 to A13.6a  | 109<br>43        | 18" RCP 2.00%<br>18" RCP 1.00%                  |
| A13.6a   | 1048.40        |                            | 1045.19               | 5.21                  |                                    |                  |   |
| A13.7 CB   | 1056.46        | 1046.50<br>1046.98         | 1046.48               | 11.98                 | A13.7 TO A13.8<br>A13.7 to A13.7a  | 404<br>25        | 18" RCP 2.00%<br>24" RCP 1.00%                  |
| A13.7a   | 1050.98        |                            | 1047.23               | 5.75                  |                                    |                  |   |
| A13.8 CB   | 1064.62        | 1054.60                    | 1054.58               | 12.04                 | A13.8 TO A13.9                     | 26               | 18" RCP 2.00%                                   |
| A13.9 CB   | 1064.87        |                            | 1055.13               | 11.74                 |                                    |                  |   |
| A14 DI   | 1047.79        |                            | 1040.09               | 9.69                  |                                    |                  |   |



REVISIONS BY



**PRELIMINARY  
DRAINAGE PLAN  
PHASE 1**

**DRAINAGE ANALYSIS  
CITY OF AVONDALE ESTATES  
DEPARTMENT OF PUBLIC WORKS  
21 NORTH AVONDALE PLAZA  
AVONDALE ESTATES GA 30002**

|                 |            |
|-----------------|------------|
| DATE:           | 08-18-2016 |
| SCALE:          | AS NOTED   |
| JOB:            | C-1603-05  |
| DRAWING NUMBER: | 1 OF 6     |
| SHEET:          | P1.1       |

NOT FOR CONSTRUCTION



