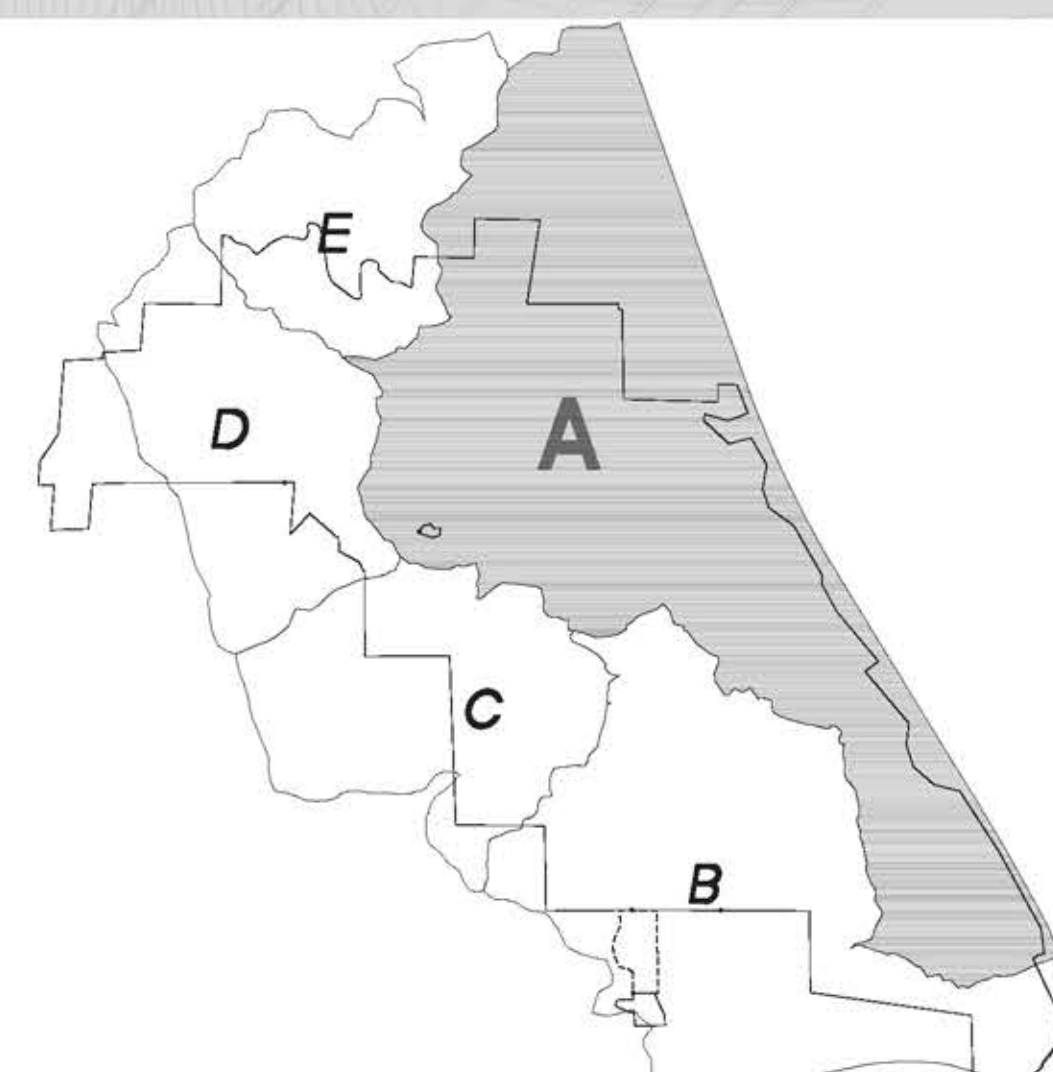




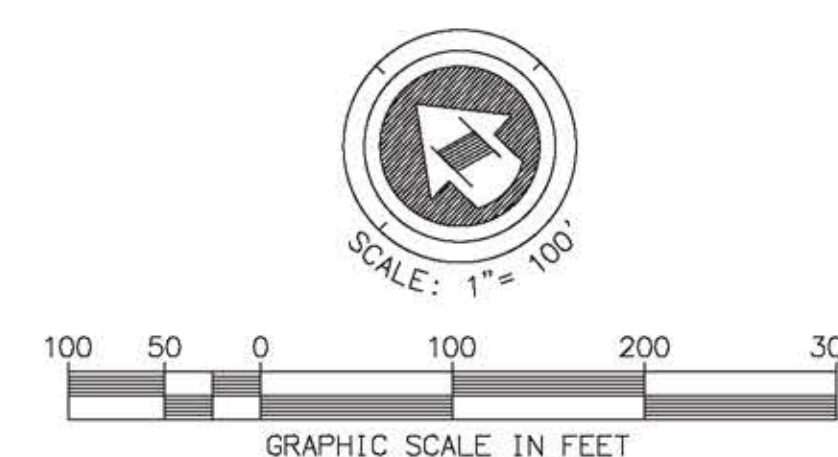




\*REFERENCE SHEET 6 FOR HYDROLOGY STUDY DATA

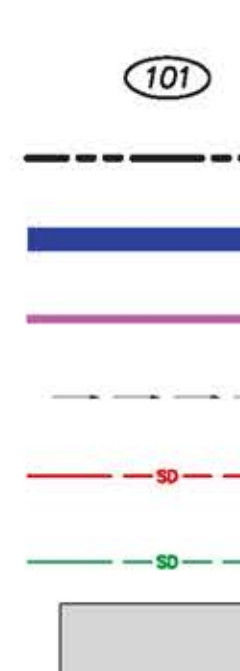


INDEX MAP



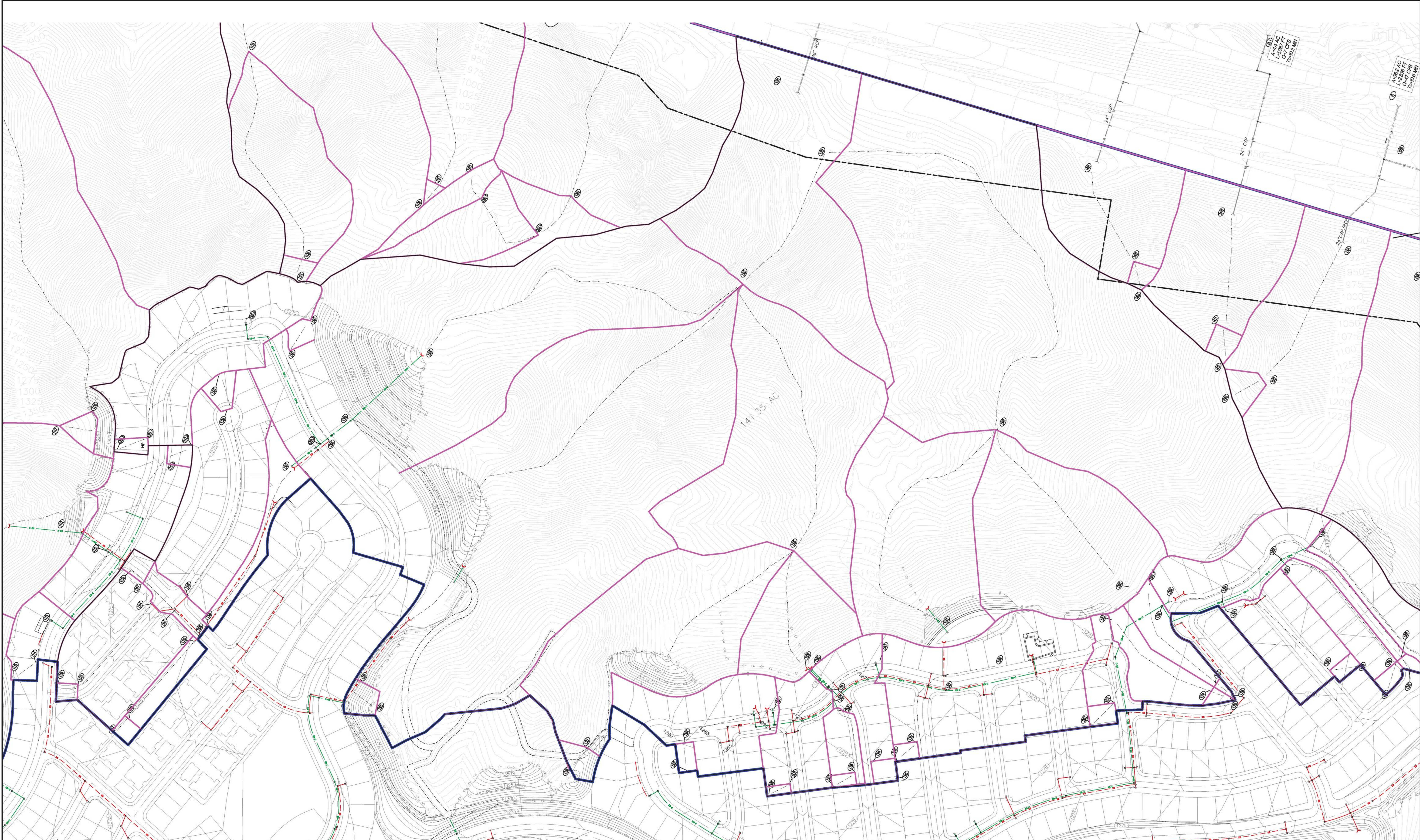
### LEGEND

BASIN SUB AREA NODE  
PROJECT BOUNDARY  
MAJOR BASIN DIVIDE  
HYDROLOGY SUB-BASIN  
FLOW LENGTH  
STORM DRAIN - DIRTY  
STORM DRAIN - CLEAN  
AREA NOT IN BASIN A

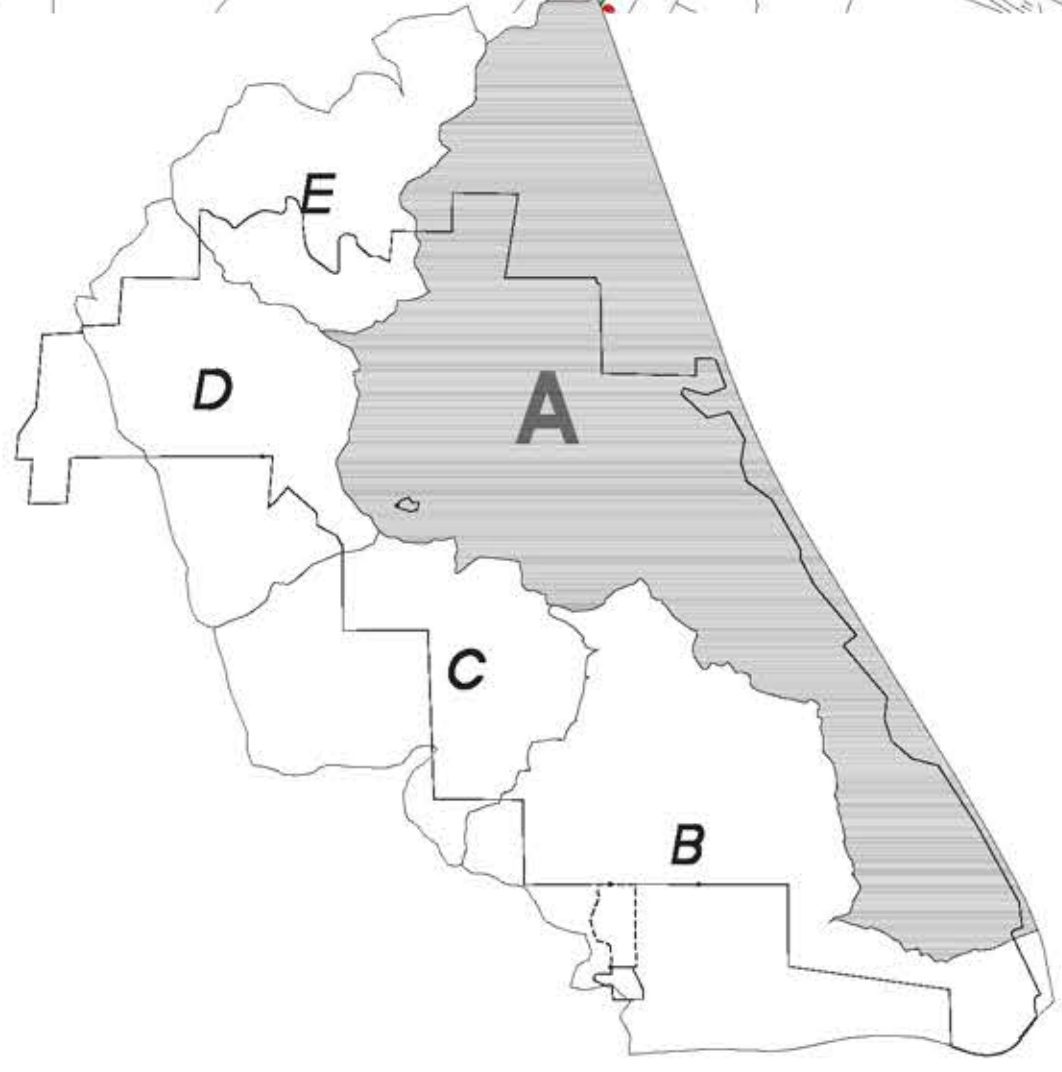


PROPOSED HYDROLOGY EXHIBIT  
NEWLAND SIERRA DRAINAGE STUDY  
PROPOSED DRAINAGE BASIN A - 2 OF 6  
JANUARY 2017





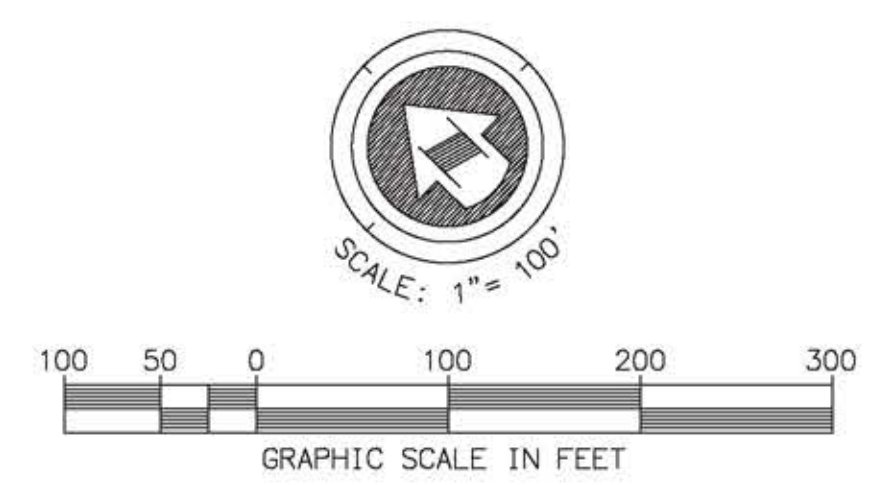
\*REFERENCE SHEET 6 FOR HYDROLOGY STUDY DATA



INDEX MAP

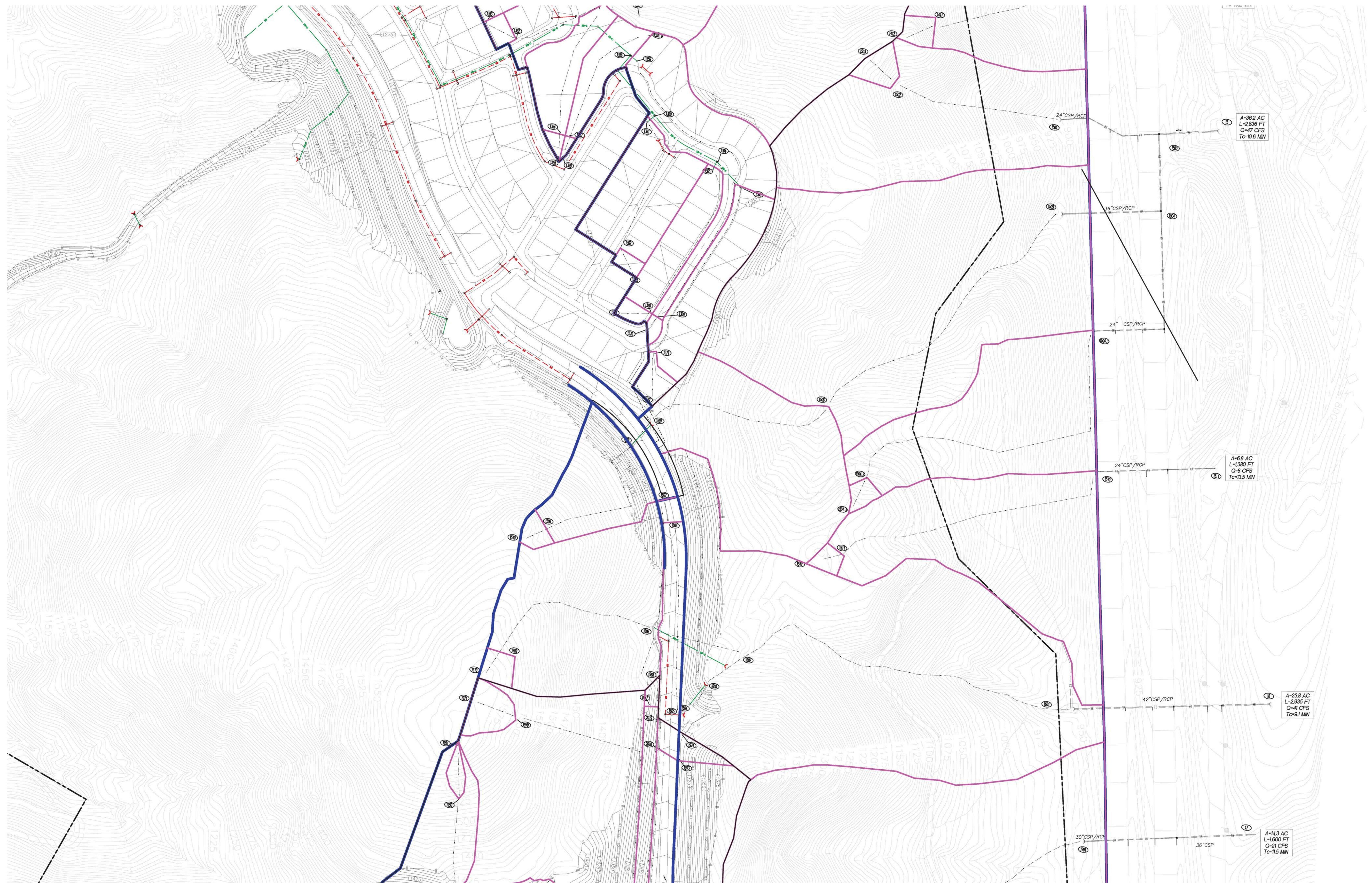
**LEGEND**

|                     |       |
|---------------------|-------|
| BASIN SUB AREA NODE | (101) |
| PROJECT BOUNDARY    | ---   |
| MAJOR BASIN DIVIDE  | ---   |
| HYDROLOGY SUB-BASIN | ---   |
| FLOW LENGTH         | ---   |
| STORM DRAIN - DIRTY | ---   |
| STORM DRAIN - CLEAN | ---   |
| AREA NOT IN BASIN A | ---   |

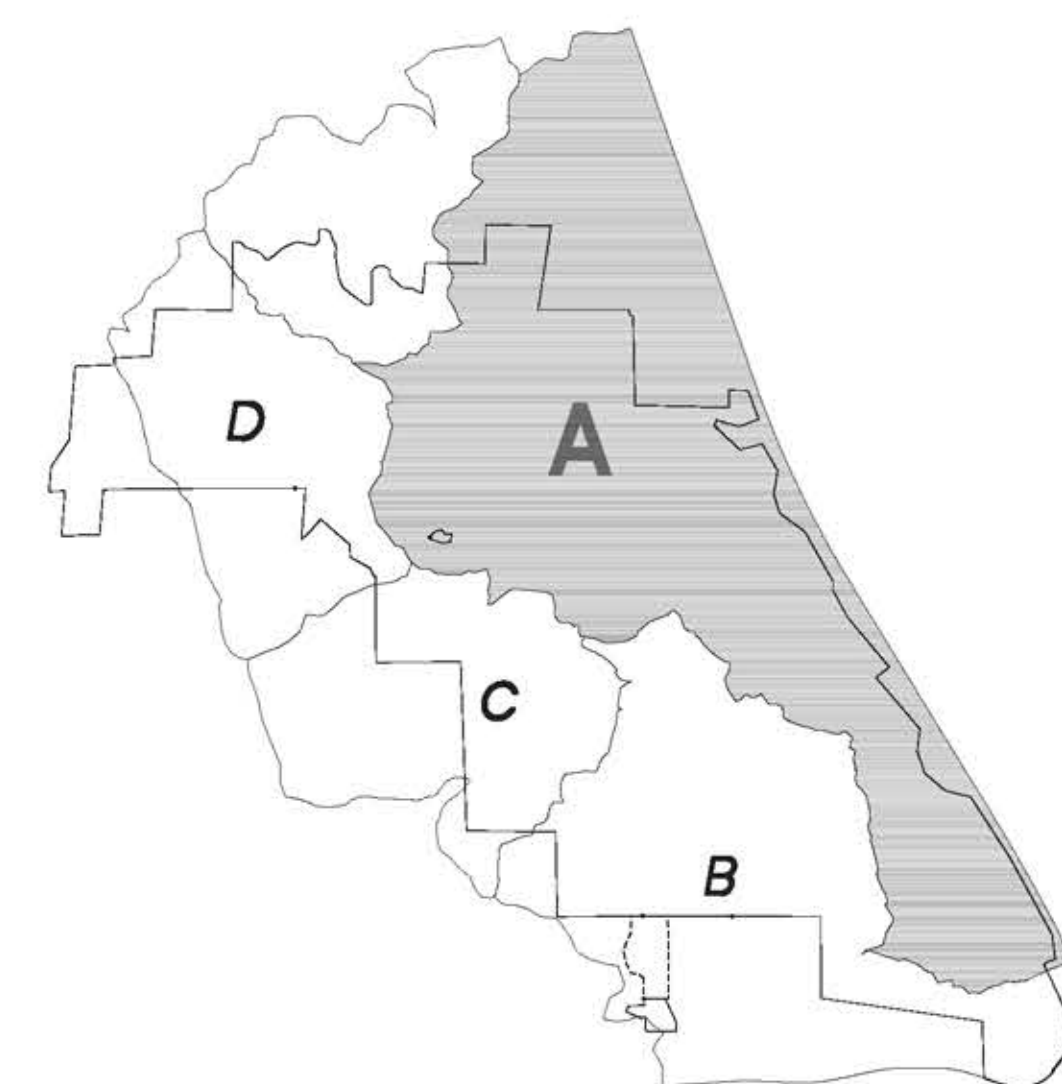


**PROPOSED HYDROLOGY EXHIBIT  
NEWLAND SIERRA DRAINAGE STUDY  
PROPOSED DRAINAGE BASIN A - 3 OF 6  
JANUARY 2017**

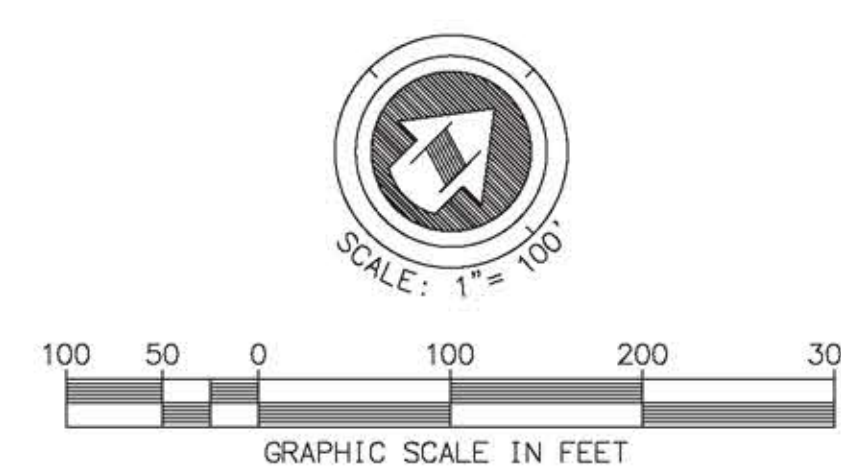




\*REFERENCE SHEET 6 FOR HYDROLOGY STUDY DATA



INDEX MAP

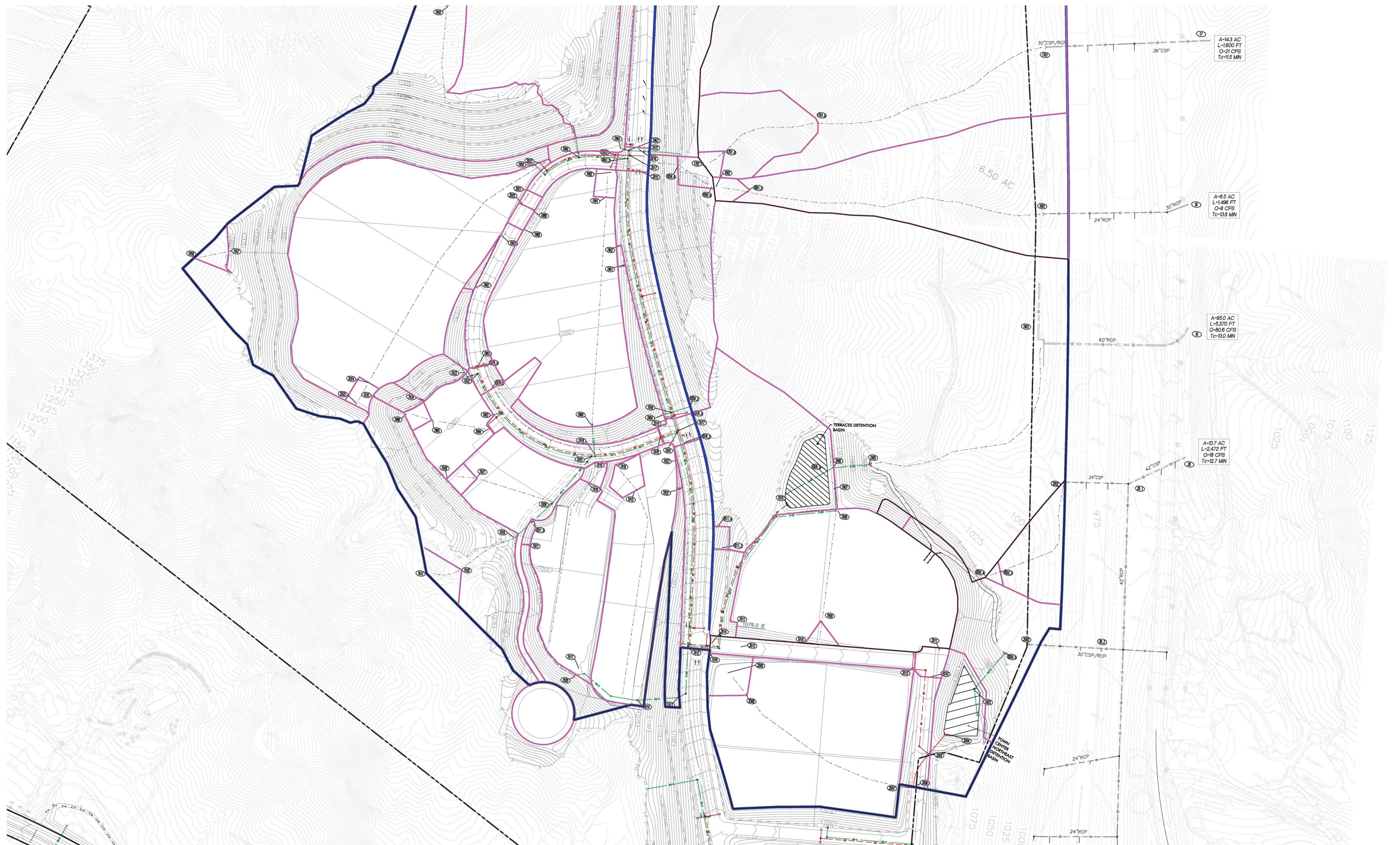


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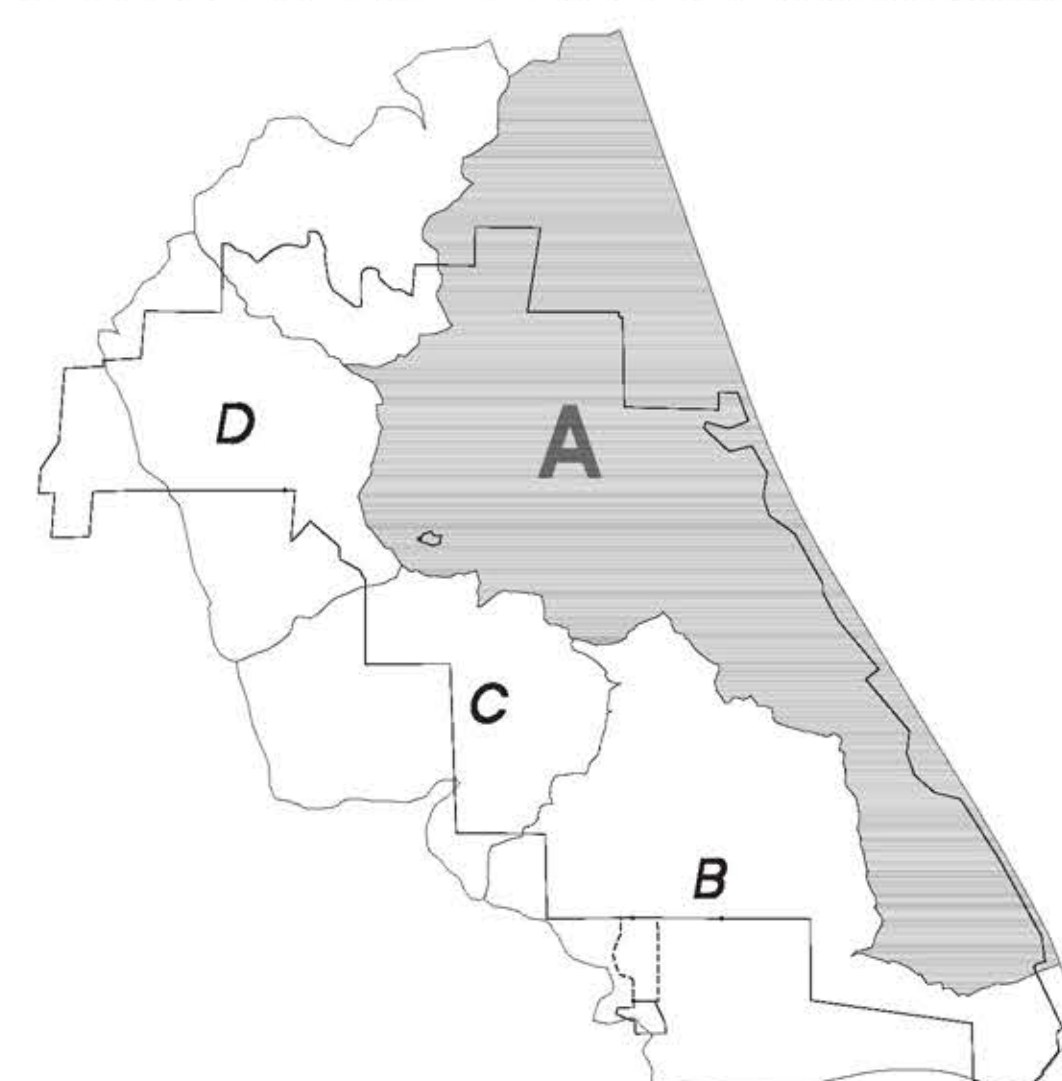
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|---------------------|-------|
| BASIN SUB AREA NODE | (101) |
| PROJECT BOUNDARY    | ---   |
| MAJOR BASIN DIVIDE  | ---   |
| HYDROLOGY SUB-BASIN | ---   |
| FLOW LENGTH         | ---   |
| STORM DRAIN - DIRTY | ---   |
| STORM DRAIN - CLEAN | ---   |
| AREA NOT IN BASIN A | ---   |

**PROPOSED HYDROLOGY EXHIBIT**  
**NEWLAND SIERRA DRAINAGE STUDY**  
**PROPOSED DRAINAGE BASIN A - 4 OF 6**  
**JANUARY 2017**

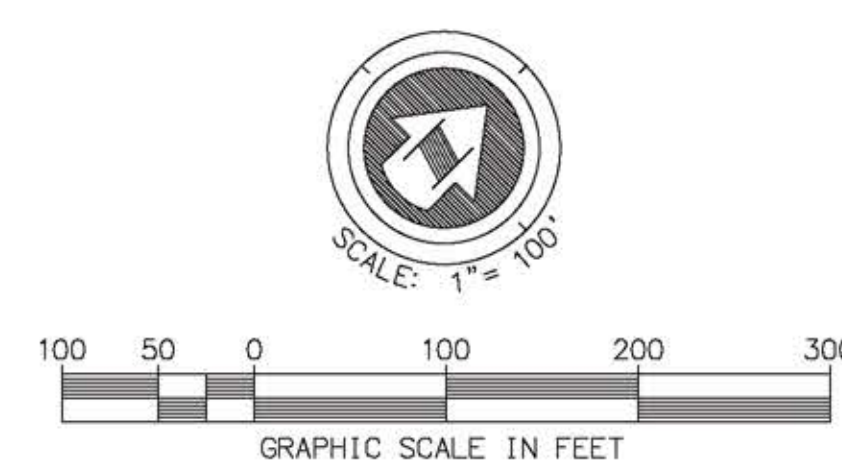




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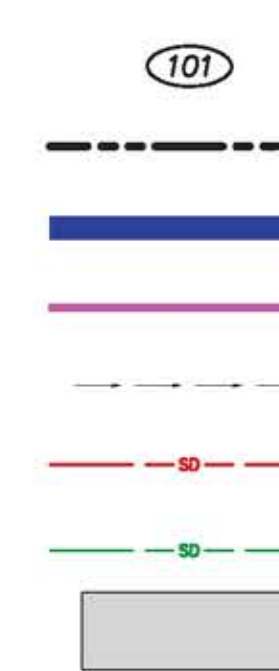


INDEX MAP



### LEGEND

BASIN SUB AREA NODE  
PROJECT BOUNDARY  
MAJOR BASIN DIVIDE  
HYDROLOGY SUB-BASIN  
FLOW LENGTH  
STORM DRAIN - DIRTY  
STORM DRAIN - CLEAN  
AREA NOT IN BASIN A



PROPOSED HYDROLOGY EXHIBIT  
NEWLAND SIERRA DRAINAGE STUDY  
PROPOSED DRAINAGE BASIN A - 5 OF 6  
JANUARY 2017



## BASIN 10

| Node to Node  | Elev 1<br>(feet) | Elev 2<br>(feet) | Length<br>(feet) | Area<br>(ac.) |
|---------------|------------------|------------------|------------------|---------------|
| 1010 1009     | 1480             | 1470             | 100              | 0.61          |
| 1009 1008     | 1470             | 1455             | 300              | 2.18          |
| 1008 1007     | 1455             | 1320             | 630              | 8.11          |
| 1007 1006     | 1320             | 1160             | 695              | 20.56         |
| 1014 1013     | 1620             | 1590             | 75               | 0.07          |
| 1013 1012     | 1590             | 1515             | 270              | 0.72          |
| 1012 1011     | 1515             | 1450             | 565              | 3.73          |
| 1011 1006     | 1450             | 1160             | 1330             | 46.29         |
| 1006 1005     | 1160             | 945              | 1180             | 40.13         |
| 1027 1026     | 1680             | 1640             | 100              | 0.10          |
| 1026 1025     | 1640             | 1495             | 460              | 1.59          |
| 1025 1024     | 1495             | 1485             | 100              |               |
| 1035 1034     | 1531.8           | 1531.2           | 60               | 0.07          |
| 1034 1033     | 1531.2           | 1511             | 455              | 0.60          |
| 1033 1032     | 1510             | 1508             | 65               | 0.10          |
| 1032 1031     | 1508             | 1450             | 430              | 0.45          |
| 1031 1029     | 1500             | 1485             | 430              |               |
| 1031 1030     | 1500             | 1498             | 65               | 0.06          |
| 1030 1029     | 1498             | 1485             | 365              | 0.35          |
| 1029 1024     | 1485             | 1480             | 60               |               |
| 1024 1021     | 1480             | 1475             | 50               |               |
| 1023 1022     | 1485             | 1484             | 65               | 0.32          |
| 1022 1021     | 1479             | 1475             | 60               |               |
| 1021 1020     | 1475             | 1440             | 300              | 4.30          |
| 1020 1019     | 1440             | 1430             | 140              | 1.40          |
| 1039 1038     | 1690             | 1665             | 80               | 0.34          |
| 1038 1037     | 1665             | 1520             | 285              | 2.57          |
| 1037 1036     | 1514             | 1490             | 85               |               |
| 1036 1019     | 1490             | 1430             | 335              | 1.38          |
| 1019 1018     | 1430             | 1420             | 100              | 0.37          |
| 1044 1043     | 1733             | 1720             | 100              | 0.28          |
| 1043 1042     | 1720             | 1510             | 520              | 3.01          |
| 1042 1041     | 1504             | 1500             | 50               |               |
| 1041 1040     | 1500             | 1450             | 160              | 0.31          |
| 1048 1047     | 1715             | 1675             | 100              | 0.20          |
| 1047 1046     | 1675             | 1515             | 465              | 2.26          |
| 1046 1045     | 1509             | 1500             | 65               |               |
| 1045 1040     | 1500             | 1450             | 195              | 0.40          |
| 1040 1018     | 1450             | 1420             | 195              | 0.46          |
| 1018 1017     | 1420             | 1355             | 370              | 4.79          |
| 1017 1016     | 1355             | 1340             | 195              | 2.10          |
| 1052 1051     | 1615             | 1605             | 100              | 0.17          |
| 1051 1050     | 1605             | 1535             | 290              | 1.32          |
| 1050 1049     | 1524             | 1475             | 130              |               |
| 1049 1016     | 1475             | 1340             | 395              | 3.17          |
| 1016 1015     | 1340             | 1080             | 1015             | 12.60         |
| 1058 1057     | 1735             | 1712             | 100              | 0.29          |
| 1057 1056     | 1712             | 1585             | 435              | 2.26          |
| 1056 1055     | 1579             | 1560             | 110              |               |
| 1055 1054     | 1560             | 1510             | 190              | 2.45          |
| 1061 1060     | 1750             | 1730             | 80               | 0.11          |
| 1060 1059.4   | 1730             | 1545             | 45               | 4.11          |
| 1059.4 1059.2 | 1539             | 1535             | 45               |               |
| 1059.2 1054   | 1535             | 1510             | 130              |               |
| 1054 1053.2   | 1504             | 1485             | 100              |               |
| 1053.2 1053   | 1485             | 1485             | 175              |               |
| 1128 1126     | 1530             | 1526             | 70               | 0.07          |
| 1126 1063     | 1526             | 1465             | 720              | 1.18          |
| 1063 1062     | 1464             | 1458             | 185              |               |
| 1062.4 1062.2 | 1495             | 1490             | 100              | 0.17          |
| 1062.2 1062   | 1490             | 1458             | 220              |               |
| 1062 1053     | 1452             | 1448             | 280              |               |
| 1053 1015     | 1448             | 1080             | 1280             | 14.13         |
| 1070 1069     | 1605             | 1585             | 85               | 0.13          |
| 1069 1068     | 1585             | 1525             | 405              | 1.37          |
| 1068 1066     | 1519             | 1470             | 710              |               |
| 1066 1064     | 1470             | 1410             | 380              | 1.49          |
| 1065.4 1065.2 | 1495             | 1493             | 75               | 0.15          |
| 1065.2 1065   | 1493             | 1438             | 780              | 4.38          |
| 1065 1064     | 1438             | 1410             | 120              |               |
| 1065 1064     | 1432             | 1410             | 120              |               |
| 1064 1015     | 1410             | 1080             | 940              | 5.38          |
| 1015 1005     | 1080             | 950              | 830              |               |
| 1005 1004     | 950              | 890              | 345              | 5.20          |
| 1144 1142     | 1435             | 1380             | 80               | 0.34          |
| 1142 1004     | 1380             | 890              | 1510             | 23.01         |
| 1004 1003     | 890              | 715              | 1700             | 62.54         |
| 1003 1002     | 715              | 685              | 530              | 5.54          |
| 1074.8 1074.6 | 1493             | 1493             | 80               | 0.15          |
| 1074.6 1074.4 | 1493             | 1478             | 595              | 2.89          |
| 1074.4 1074.2 | 1474.8           | 1474             | 80               |               |
| 1074.2 1074   | 1474             | 1443             | 350              |               |
| 1079 1078     | 1465             | 1463.5           | 75               | 0.13          |
| 1078 1074     | 1463.5           | 1443             | 250              | 3.12          |
| 1074 1073     | 1443             | 1430             | 65               |               |
| 1073 1072     | 1430             | 1095             | 860              | 6.89          |
| 1081 1080     | 1445             | 1400             | 100              | 0.56          |
| 1080 1072     | 1400             | 1095             | 915              | 6.55          |
| 1072 1071     | 1095             | 980              | 525              | 8.44          |
| 1106 1105     | 1494             | 1490             | 85               | 0.33          |
| 1105 1099     | 1490             | 1463             | 580              | 3.43          |
| 1099 1095     | 1457             | 1450.9           | 340              |               |
| 1098 1097     | 1493             | 1491             | 80               | 0.56          |
| 1097 1096     | 1490             | 1456.8           | 745              | 5.27          |
| 1096 1095     | 1450.9           | 1450.5           | 40               |               |
| 1095 1094     | 1450.5           | 1448             | 100              |               |
| 1098 1107     | 1477             | 1475             | 65               | 0.09          |
| 1107 1094     | 1475             | 1455             | 750              | 1.33          |
| 1094 1093     | 1448             | 1447.5           | 50               | 0.57          |
| 1093 1089     | 1441.5           | 1412             | 295              |               |
| 1091 1090     | 1466             | 1460             | 100              | 0.14          |
| 1090 1089     | 1460             | 1418             | 540              | 5.57          |
| 1089 1088     | 1412             | 1410             | 75               |               |
| 1088 1087     | 1410             | 1295             | 365              | 1.81          |
| 1087 1085     | 1289             | 1282             | 235              |               |
| 1111 1110     | 1438             | 1395             | 100              | 0.42          |
| 1110 1109     | 1395             | 1290             | 320              | 1.94          |
| 1109 1085     | 1284             | 1282             | 230              |               |
| 1085 1084     | 1282             | 1279             | 495              |               |
| 1084 1083     | 1279             | 1095             | 340              |               |
| 1083 1082     | 1095             | 1005             | 735              | 10.02         |
| 1115 1114     | 1281             | 1280             | 65               | 0.15          |
| 1114 1113     | 1280             | 1278             | 130              | 0.75          |
| 1113 1112     | 1272             | 1269             | 395              |               |
| 1112.6 1112.4 | 1278             | 1277             | 65               | 0.12          |
| 1112.4 1112.2 | 1277             | 1275             | 260              | 2.82          |
| 1112.2 1112   | 1274             | 1245             | 175              |               |
| 1112 1082     | 1245             | 1005             | 805              | 7.43          |
| 1082 1071     | 1005             | 980              | 155              | 0.59          |
| 1071 1002     | 980              | 700              | 2100             | 32.48         |
| 1117 1116     | 1365             | 1325             | 100              | 0.21          |
| 1116 1002     | 1325             | 700              | 2240             | 21.97         |
| 1002 1001     | 700              | 675              | 95               | 43.22         |
| 1001 10       | 675              | 550              | 755              |               |

## BASIN 11

| Node to Node | Elev 1<br>(feet) | Elev 2<br>(feet) | Length<br>(feet) | Area<br>(ac.) |
|--------------|------------------|------------------|------------------|---------------|
| 1121 1120    | 1275             | 1280             | 70               | 0.18          |
| 1120 1119    | 1280             | 850              | 855              | 3.75          |
| 1119 1103    | 850              | 750              | 535              | 8.59          |
| 1124 1123    | 1165             | 1145             | 70               | 0.06          |
| 1123 1122    | 1145             | 765              | 690              | 2.16          |
| 1122 1103    | 759              | 744              | 365              |               |
| 1103 11      | 744              | 625              | 615              |               |

## BASIN 12

| Node to Node  | Elev 1<br>(feet) | Elev 2<br>(feet) | Length<br>(feet) | Area<br>(ac.) |
|---------------|------------------|------------------|------------------|---------------|
| 1203 1202.8   | 1160             | 1280             | 75               | 0.18          |
| 1202.8 1202.6 | 1280             | 1055             | 855              | 3.75          |
| 1202.6 1202.6 |                  |                  |                  | 1.56          |
| 1202.6 1202   | 1055             | 1040             | 137              | 0.08          |
| 1202 1201     | 1040             | 775              | 910              | 10.88         |
| 1201 12       | 775              | 650              | 545              |               |

## BASIN 13

| Node to Node  | Elev 1<br>(feet) | Elev 2<br>(feet) | Length<br>(feet) | Area<br>(ac.) |
|---------------|------------------|------------------|------------------|---------------|
| 1321 1320     | 1278             | 1275             | 95               | 0.22          |
| 1320 1319     | 1275             | 1269             | 655              | 4.03          |
| 1319 1313     | 1263             | 1262             | 75               |               |
| 1316 1315     | 1282             | 1279.5           | 87               | 0.09          |
| 1315 1314     | 1279.5           | 1269.5           | 360              | 2.93          |
| 1314 1313     | 1263             | 1262             | 70               |               |
| 1313 1309     | 1262             | 1261             | 120              |               |
| 1312 1311     | 1275             | 1274             | 65               | 0.11          |
| 1311 1310     | 1274             | 1269             | 335              | 0.51          |
| 1310 1309     | 1269             | 1261             | 30               |               |
| 1318 1317     | 1276             | 1270             | 85               | 0.15          |
| 1317 1309     | 1270             | 1267             | 250              | 0.47          |
| 1309 1308     | 1261             | 1260.5           | 45               |               |
| 1308 1307     | 1260.5           | 1257.5           | 590              | 1.05          |
| 1324 1323     | 1274             | 1272             | 60               | 0.15          |
| 1322 1306     | 1272             | 1267             | 315              | 4.48          |
| 1306 1307     | 1263             | 1257.5           | 120              |               |
| 1307 1305.5   | 1257.5           | 1255.2           | 115              |               |
| 1305.8 1305.7 | 1287             | 1285             | 100              | 0.13          |
| 1305.7 1305.6 | 1285             | 1275             | 570              | 4.71          |
| 1305.6 1305.5 | 1269             | 1255.2           | 525              |               |
| 1305.5 1305   | 1255.2           | 1252.7           | 125              |               |
| 1305 1304     | 1252.7           | 1105             | 320              |               |
| 1304 1303     | 1105             | 835              | 1225             | 13.15         |
| 2564 2563     | 1273             | 1271             | 80               | 0.16          |
| 2563 2563.1   | 1271             | 1269             | 230              | 1.93          |
| 2563.1 2562   | 1266             | 1261             | 210              |               |
| 2562.2 2562   | 1490             | 1458             | 220              | 0.55          |
| 2563.2 2562   | 1458             | 1268             | 120              | 0.55          |
| 2562 2558     | 1261             | 1260             | 140              |               |
| 2561 2560     | 1275             | 1274             | 50               | 0.13          |
| 2560 2560.1   | 1274             | 1269             | 315              | 1.96          |
| 2560.1 2559   | 1269             | 1263             | 160              |               |
| 2560.1 2560.2 | 1269             | 1268.8           | 50               | 0.40          |
| 2560.2 2559   | 1268.8           | 1268             | 115              | 0.97          |
| 2559 2558     | 1262             | 1260             | 40               |               |
| 2558 2554     | 1260             | 1257.8           | 225              |               |
| 2557 2556     | 1271             | 1270             | 65               | 0.16          |
| 2556 2555     | 1270             | 1264             | 488              | 3.46          |
| 2555 2554     | 1258             | 1257.8           | 10               |               |
| 2554 2552.5   | 1257.8           | 1252.8           | 515              |               |
| 2552.5 2552   | 1252.8           | 1250.8           | 185              |               |
| 2552 1303     | 1250.8           | 835              | 1400             | 20.83         |
| 1335 1334     | 1293             | 1291             | 83               | 0.13          |
| 1334 1333.8   | 1291             | 1280             | 270              | 1.74          |
| 1334.8 1334.6 | 1287             | 1285             | 80               | 0.11          |
| 1334.6 1334.4 | 1285             | 1284             | 50               | 0.46          |
| 1334.4 1333.8 | 1278             | 1276             | 200              |               |
| 1333.8 1333.4 | 1276             | 1273             | 100              |               |
| 1333 1333     | 1281             | 1280             | 80               | 0.29          |
| 1333 1333.4   | 1274             | 1273             | 50               |               |
| 1333.4 1332   | 1273             | 1267             | 210              |               |
| 1337 1336     | 1278             | 1276             | 80               | 0.07          |
| 1336 1335     | 1276             | 1273             | 240              | 0.53          |
| 1335 1072     | 1268             | 1267             | 30               |               |
| 1332 1330     | 1267             | 1265             | 150              |               |
| 1353 1352     | 1284             | 1282             | 80               | 0.14          |
| 1352 1351     | 1282             | 1278             | 270              | 0.79          |
| 1351 1350.4   | 1272             | 1267             | 280              |               |
| 1350.8 1350.6 | 1278             | 1276             | 60               | 0.10          |
| 1350.6 1350.4 | 1276             | 1267             | 160              | 2.00          |
| 1350.4 1346   | 1267             | 1265             | 60               |               |
| 1346 1330     | 1265             | 1255             | 850              |               |
| 1330 1326     | 1255             | 1120             | 410              | 2.34          |
| 1328 1327     | 1325             | 1315             | 80               | 0.24          |
| 1327 1326     | 1315             | 1120             | 1075             | 6.90          |
| 1326 1303     | 1120             | 835              | 965              | 8.99          |
| 1326 1303     |                  |                  |                  | 8.99          |
| 1303 1302     | 835              | 775              | 520              | 9.18          |
| 1339 1338     | 1284             | 1282             | 85               | 0.06          |
| 1338 1337.8   | 1282             | 1276             | 165              | 0.98          |
| 1337.8 1337.6 | 1270             | 1266             | 255              |               |
| 1345 1344     | 1277             | 1275             | 80               | 0.13          |
| 1344 1343.8   | 1275             | 1272             | 210              | 0.69          |
| 1343.8 1337.6 | 1266.5           | 1266             | 50               |               |
| 1337.6 1345.6 | 1266             | 1264             | 125              |               |
| 1345.9 1345.8 | 1280             | 1278             | 100              | 0.13          |
| 1345.8 1343   | 1278             | 1269.5           | 315              | 1.25          |
| 1343 1345.6   | 1264.5           | 1264             | 40               |               |
| 1345.6 1346.8 | 1264             | 1262             | 170              |               |
| 1348 1347     | 1275             | 1273             | 80               | 0.10          |
| 1347 1346.9   | 1273             | 1265             | 150              | 0.97          |
| 1346.9 1346.8 | 1262.5           | 1262             | 50               |               |
| 1347.6 1347.5 | 1270             | 1268             | 100              | 0.15          |
| 1347.5 1347.4 | 1268             | 1265             | 110              | 1.69          |
| 1347.4 1346.8 | 1262.5           | 1262             | 140              |               |
| 1346.8 1342   | 1262             | 1261.5           | 50               |               |
| 1347.9 1347.8 | 1272             | 1270             | 85               | 0.10          |
| 1347.8 1347.7 | 1270             | 1269             | 100              | 0.80          |
| 1347.7 1342   | 1269             | 1261.5           | 150              |               |
| 134           |                  |                  |                  |               |