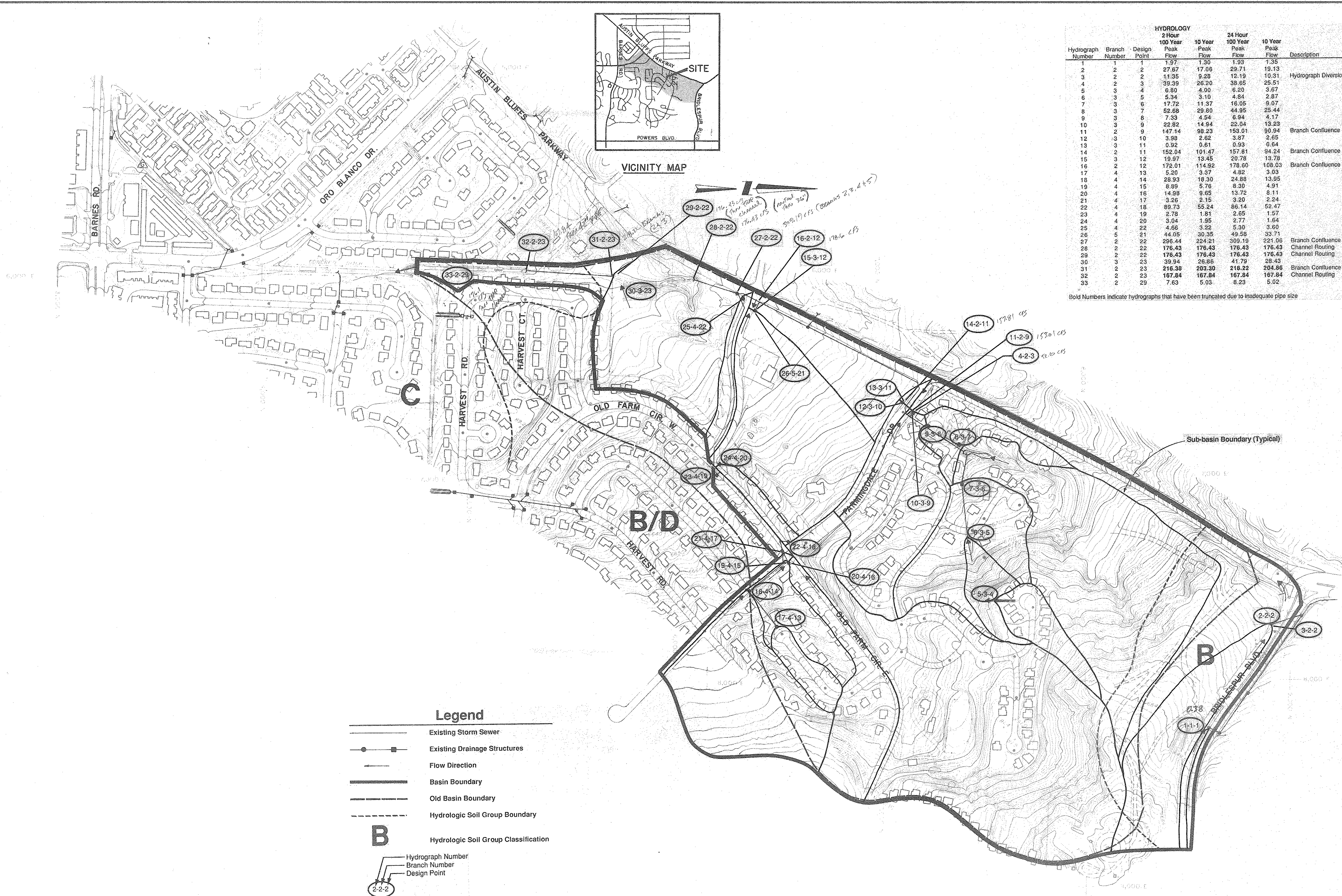




| HYDROLOGY         |               |              |                  |                   |                   |                   | Description          |
|-------------------|---------------|--------------|------------------|-------------------|-------------------|-------------------|----------------------|
| Hydrograph Number | Branch Number | Design Point | 2 Hour Peak Flow | 10 Year Peak Flow | 24 Hour Peak Flow | 10 Year Peak Flow |                      |
| 1                 | 1             | 1            | 1.97             | 1.30              | 1.93              | 1.35              | Hydrograph Diversion |
| 2                 | 2             | 2            | 27.67            | 17.06             | 29.71             | 19.13             |                      |
| 3                 | 2             | 2            | 11.35            | 9.28              | 12.19             | 10.31             |                      |
| 4                 | 2             | 3            | 39.39            | 26.20             | 38.65             | 25.51             |                      |
| 5                 | 3             | 4            | 6.80             | 4.00              | 6.20              | 3.67              |                      |
| 6                 | 3             | 5            | 5.34             | 3.10              | 4.84              | 2.87              | Branch Confluence    |
| 7                 | 3             | 6            | 17.72            | 11.37             | 16.05             | 9.07              |                      |
| 8                 | 3             | 7            | 52.68            | 29.80             | 44.95             | 25.44             |                      |
| 9                 | 3             | 8            | 7.33             | 4.54              | 6.94              | 4.17              |                      |
| 10                | 3             | 9            | 22.82            | 14.94             | 22.04             | 13.23             |                      |
| 11                | 2             | 9            | 147.14           | 98.23             | 153.01            | 90.94             | Branch Confluence    |
| 12                | 3             | 10           | 3.98             | 2.62              | 3.87              | 2.65              |                      |
| 13                | 3             | 11           | 0.92             | 0.61              | 0.93              | 0.64              |                      |
| 14                | 2             | 11           | 152.04           | 101.47            | 157.81            | 94.24             |                      |
| 15                | 3             | 12           | 19.97            | 13.45             | 20.78             | 13.78             |                      |
| 16                | 2             | 12           | 172.01           | 114.92            | 178.80            | 108.03            | Branch Confluence    |
| 17                | 4             | 13           | 5.20             | 3.37              | 4.82              | 3.03              |                      |
| 18                | 4             | 14           | 28.93            | 18.30             | 24.88             | 13.95             |                      |
| 19                | 4             | 15           | 8.99             | 5.76              | 8.30              | 4.91              |                      |
| 20                | 4             | 16           | 14.98            | 9.65              | 13.72             | 8.11              |                      |
| 21                | 4             | 17           | 3.26             | 2.15              | 3.20              | 2.24              | Branch Confluence    |
| 22                | 4             | 18           | 89.73            | 55.24             | 86.14             | 52.47             |                      |
| 23                | 4             | 19           | 2.78             | 1.81              | 2.65              | 1.57              |                      |
| 24                | 4             | 20           | 3.04             | 1.95              | 2.77              | 1.64              |                      |
| 25                | 4             | 22           | 4.66             | 3.32              | 5.30              | 3.60              |                      |
| 26                | 5             | 21           | 44.05            | 30.35             | 49.58             | 33.71             | Branch Confluence    |
| 27                | 2             | 22           | 296.44           | 224.21            | 309.19            | 221.06            |                      |
| 28                | 2             | 22           | 176.43           | 176.43            | 176.43            | 176.43            |                      |
| 29                | 2             | 22           | 176.43           | 176.43            | 176.43            | 176.43            |                      |
| 30                | 3             | 23           | 39.94            | 26.86             | 41.79             | 28.43             |                      |
| 31                | 2             | 23           | 216.38           | 203.30            | 218.22            | 204.86            | Channel Routing      |
| 32                | 2             | 23           | 167.84           | 167.84            | 167.84            | 167.84            |                      |
| 33                | 2             | 29           | 7.63             | 5.03              | 8.23              | 5.02              |                      |

Bold Numbers indicate hydrographs that have been truncated due to inadequate pipe size