

Undeveloped Drainage Area thru SWS System in Woodlawn R/W. Area=5.3 Acres. Tc=15 Min. C=0.80(100/year) 1100=7.40"/hr. Q100=51.4 cfs

Developed Drainage Area thru SWS System discharged out of Headwall. Area=4.4 Acres. Tc=15 Min. C=0.80(100/year) 1100=7.40"/hr. Q100=26.0 cfs

24" RCP SWS System with Headwall.

**TOTAL DEVELOPED DRAINAGE DATA**  
 Developed Drainage Area discharge from Detention Pond out 18" RCP. Area=8.8 Acres. Q100=2.14 cfs  
 Developed Drainage Area discharge from 24" Headwall. Area=4.4 Acres. Q100=26.0 cfs  
**TOTAL Q100=28.14 cfs**

**Undeveloped Drainage Data**  
 SCS Soil Group D Area=10.6 Acres. Tc=46 Min. C=0.65(100/year) 1100=4.36"/hr. Q100=30.0 cfs

**Existing Detention Pond**  
 Bottom Elevation=180.50  
 Top Elevation=182.50  
 Max. Storage=100 Year. Elevation=181.82  
 Q100=2.14 cfs

**Developed Drainage Area into Detention Pond.**  
 Area=8.8 Acres. Tc=15 Min. C=0.80(100/year) 1100=7.40"/hr. Q100=52.1 cfs

SCALE: 1" = 200'

