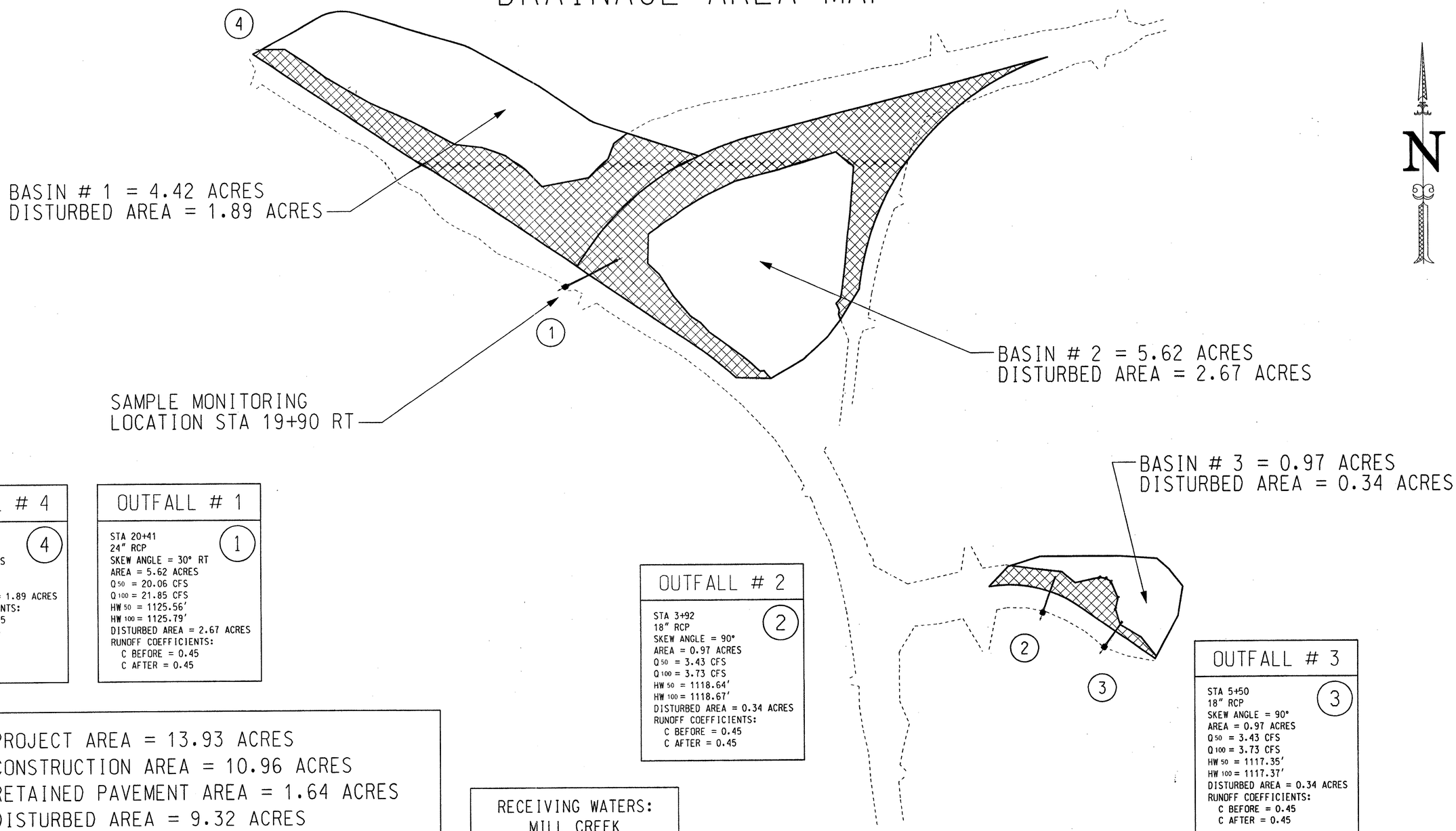
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	STP-187-1(26)	176	195

DRAINAGE AREA MAP



OUTFALL # 4 (4)

STA 12+00 LT
DITCH
AREA = 4.42 ACRES
Q_{50} = 15.61 CFS
Q_{100} = 17.01 CFS
DISTURBED AREA = 1.89 ACRES
RUNOFF COEFFICIENTS:
C BEFORE = 0.45
C AFTER = 0.45

OUTFALL # 1 (1)

STA 20+41
24" RCP
SKEW ANGLE = 30° RT
AREA = 5.62 ACRES
Q_{50} = 20.06 CFS
Q_{100} = 21.85 CFS
HW_{50} = 1125.56'
HW_{100} = 1125.79'
DISTURBED AREA = 2.67 ACRES
RUNOFF COEFFICIENTS:
C BEFORE = 0.45
C AFTER = 0.45

OUTFALL # 2 (2)

STA 3+92
18" RCP
SKEW ANGLE = 90°
AREA = 0.97 ACRES
Q_{50} = 3.43 CFS
Q_{100} = 3.73 CFS
HW_{50} = 1118.64'
HW_{100} = 1118.67'
DISTURBED AREA = 0.34 ACRES
RUNOFF COEFFICIENTS:
C BEFORE = 0.45
C AFTER = 0.45

OUTFALL # 3 (3)

STA 5+50
18" RCP
SKEW ANGLE = 90°
AREA = 0.97 ACRES
Q_{50} = 3.43 CFS
Q_{100} = 3.73 CFS
HW_{50} = 1117.35'
HW_{100} = 1117.37'
DISTURBED AREA = 0.34 ACRES
RUNOFF COEFFICIENTS:
C BEFORE = 0.45
C AFTER = 0.45

TOTAL PROJECT AREA = 13.93 ACRES
TOTAL CONSTRUCTION AREA = 10.96 ACRES
TOTAL RETAINED PAVEMENT AREA = 1.64 ACRES
TOTAL DISTURBED AREA = 9.32 ACRES

RECEIVING WATERS:
MILL CREEK

SCALE IN FEET
100 0 100 200 300

DATE	REVISION	DATE	REVISION	DATE	REVISION

GEORGIA
DEPARTMENT OF TRANSPORTATION
DRAINAGE AREA MAP
SCALE:
COUNTY: CHEROKEE
52-01