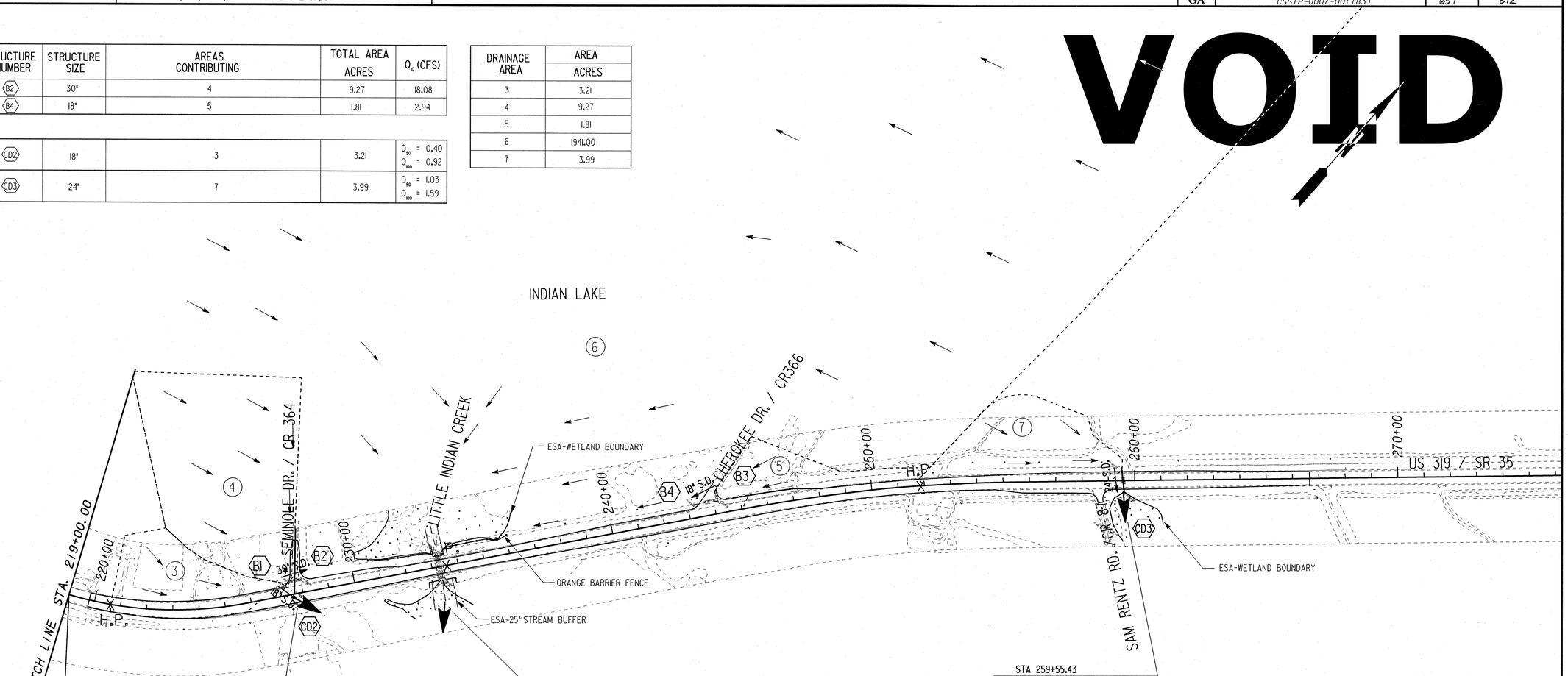
STRUCTURE NUMBER	STRUCTURE SIZE	AREAS CONTRIBUTING	TOTAL AREA ACRES	Q_{50} (CFS)
B2	30"	4	9.27	18.08
B4	18"	5	1.81	2.94
CD2	18"	3	3.21	Q_{50} = 10.40 Q_{100} = 10.92
CD3	24"	7	3.99	Q_{50} = 11.03 Q_{100} = 11.59

DRAINAGE AREA	AREA ACRES
3	3.21
4	9.27
5	1.81
6	1941.00
7	3.99



STA 227+77.77
18 Inch PIPE
SKEW ANGLE = 47°
AREA = 3.21 ACRES
DISTURBED AREA = 0.32 AC
RUNOFF COEFFICIENTS
C_{BEFORE} = 0.39
C_{AFTER} = 0.41

PRE-CONSTRUCTION	POST-CONSTRUCTION
Q_{50} = 9.89 cfs	Q_{50} = 10.40 cfs
Q_{100} = 10.39 cfs	Q_{100} = 10.92 cfs
HW_{50} = 303.72 ft	HW_{50} = 303.87 ft
HW_{100} = 303.82 ft	HW_{100} = 303.98 ft
V_{50} = 2.26 fps	V_{50} = 2.30 fps
V_{100} = 2.29 fps	V_{100} = 2.33 fps

STA 233+29.58
6' x 5' TRIPLE BOX CULVERT
SKEW ANGLE = 90°
AREA = 1951.92 ACRES
DISTURBED AREA = 1.91 AC
RUNOFF COEFFICIENTS
C_{BEFORE} = 0.20
C_{AFTER} = 0.20

PRE-CONSTRUCTION	POST-CONSTRUCTION
Q_{50} = 375.60 cfs	Q_{50} = 375.28 cfs
Q_{100} = 444.96 cfs	Q_{100} = 444.62 cfs
HW_{50} = 298.72 ft	HW_{50} = 298.72 ft
HW_{100} = 299.17 ft	HW_{100} = 299.17 ft
V_{50} = 5.22 fps	V_{50} = 5.22 fps
V_{100} = 5.45 fps	V_{100} = 5.45 fps

STA 259+55.43
24 Inch PIPE
SKEW ANGLE = 84°
AREA = 3.99 ACRES
DISTURBED AREA = 0.60 AC
RUNOFF COEFFICIENTS
C_{BEFORE} = 0.35
C_{AFTER} = 0.34

PRE-CONSTRUCTION	POST-CONSTRUCTION
Q_{50} = 10.72 cfs	Q_{50} = 11.03 cfs
Q_{100} = 11.26 cfs	Q_{100} = 11.59 cfs
HW_{50} = 325.00 ft	HW_{50} = 324.22 ft
HW_{100} = 325.05 ft	HW_{100} = 324.27 ft
V_{50} = 3.76 fps	V_{50} = 3.79 fps
V_{100} = 3.81 fps	V_{100} = 3.86 fps

PROJECT CSSTP-0007-00(183)
BEGIN PROJECT
STA. 219+00.00
N 444972.5740
E 2426175.5970

THIS PROJECT HAS A TOTAL AREA OF 169.32 ACRES
AND THE EXPECTED DISTURBED AREA IS 62.44 ACRES

RECEIVING WATERS FOR OUTFALLS FROM
STA. 220+00 TO STA. 252+00 IS LITTLE INDIAN CREEK

RECEIVING WATERS FOR OUTFALLS FROM
STA. 252+00 TO STA. 298+00 IS INDIAN CREEK

GEORGIA REGISTERED No. 30086 PROFESSIONAL ENGINEER 3/27/2012 MICHAEL R. MOSELEY JR.

GSWCC LEVEL II Certification #0000007827

PBSJ

SCALE IN FEET
0 200 400 800

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: TRAFFIC SAFETY AND DESIGN

EROSION CONTROL DRAINAGE AREA MAP

US 319/SR 35
COLQUITT/TIFT COUNTIES

DRAWING No. 53-01

3/1/2007 GPLM