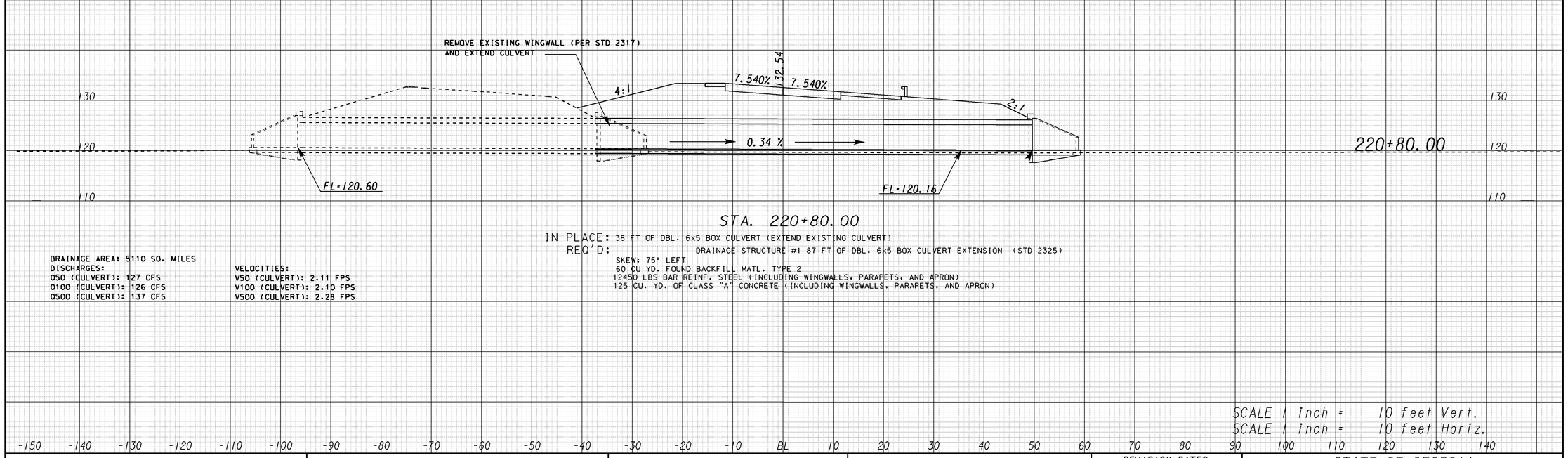
10/19/2011 Wed Oct 19 14:19:23 2011 rethlgpen	C:\TMP\000\Gdot2007_klp.TBL	J:\DESIGN\0001366\DGN FILES\DRAINAGEXSECT_KC1.DGN	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
			GA	BR000-0001-00(366)	107	301



STA. 220+80.00

IN PLACE: 38 FT OF DBL. 6x5 BOX CULVERT (EXTEND EXISTING CULVERT)
REQ'D: ~~DRAINAGE STRUCTURE #1 87 FT OF DBL. 6x5 BOX CULVERT EXTENSION (STD 2325)~~
SKEW: 75° LEFT
60 CU YD. FOUND BACKFILL MATL. TYPE 2
12450 LBS BAR REINF. STEEL (INCLUDING WINGWALLS, PARAPETS, AND APRON)
125 CU. YD. OF CLASS "A" CONCRETE (INCLUDING WINGWALLS, PARAPETS, AND APRON)

DRAINAGE AREA: 5110 SQ. MILES
DISCHARGES:
Q50 (CULVERT): 127 CFS
Q100 (CULVERT): 126 CFS
Q500 (CULVERT): 137 CFS

VELOCITIES:
V50 (CULVERT): 2.11 FPS
V100 (CULVERT): 2.10 FPS
V500 (CULVERT): 2.28 FPS

SCALE 1 Inch = 10 feet Vert.
SCALE 1 Inch = 10 feet Horiz.

DRAINAGE CROSS-SECTIONS

GEORGIA
DEPARTMENT OF TRANSPORTATION

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: Jesup Road Design

DRAINAGE PROFILES
SR 30 / US 280

CULVERT EXTENSION

DRAWING No. 22-001

11/5/2009 SUYSEW