

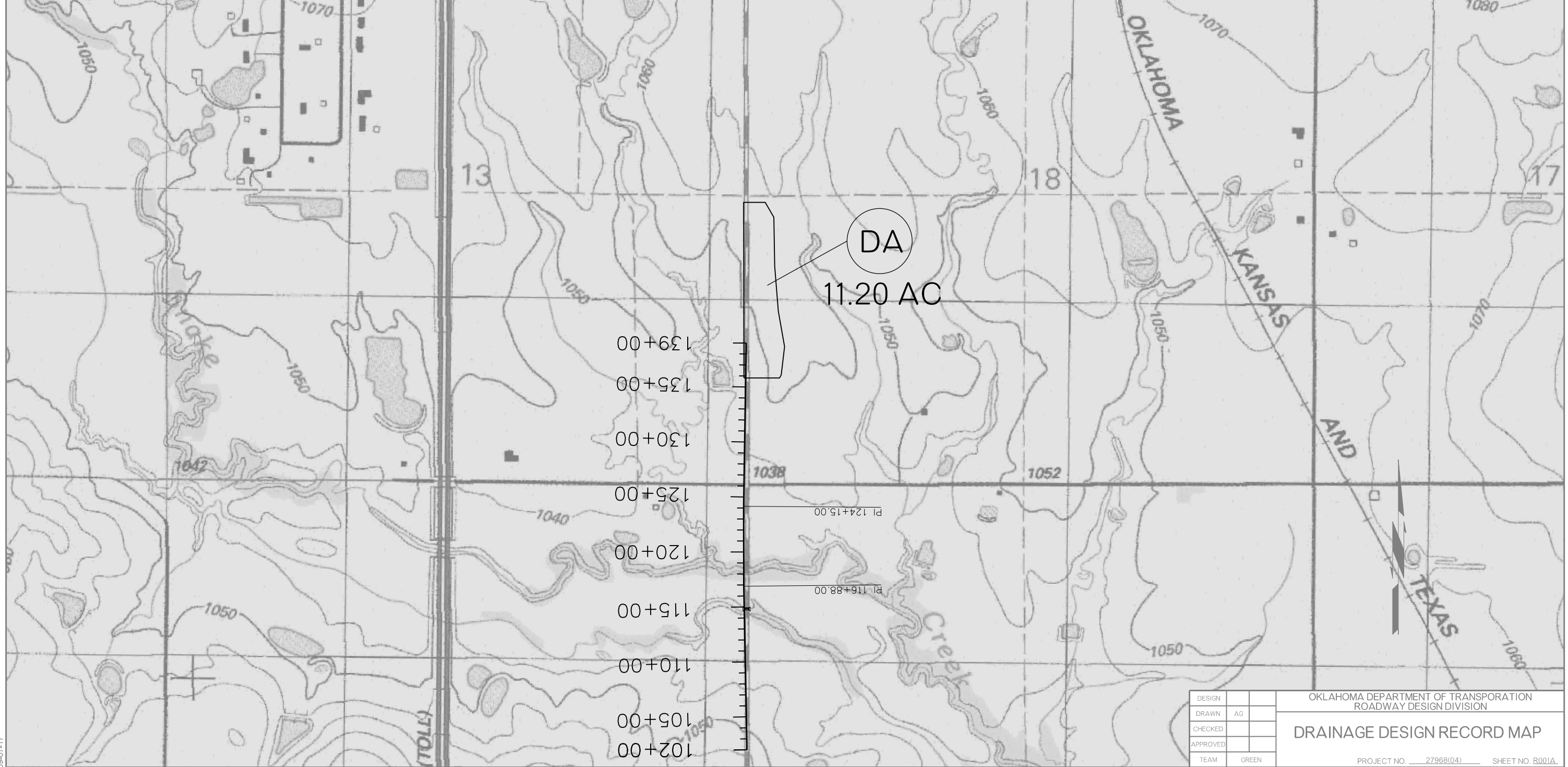
Geronimo

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB/PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				
DESCRIPTION			REVISIONS	DATE	
△ ADDED SHEET				09/07/2017	

CUL=CULTIVATED PA=PASTURE PAV=PAVED

DRAINAGE STRUCTURE DESIGN RECORD

STRUCTURE NO	STATION	STRUCTURE SIZE & TYPE	DRAINAGE AREA		LENGTH OF DRAINAGE AREA		SLOPE OF DRAINAGE AREA		ANTICIPATED LAND USE	SLOPE OF WATERSHED %	"C" RUNOFF CONCENTRATION	Tc TIME OF CONCENTRATION MIN	INTENSITY OF DESIGN YEAR RAINFALL AND CHECK YEAR RAINFALL INCHES PER HOUR						DESIGN YEAR DISCHARGE AND CHECK YEAR DISCHARGE CUBIC FEET PER SEC					E _I INLET ELEVATION	E _O OUTLET ELEVATION	AHW ALLOWABLE HEADWATER FEET	TW DESIGN TAILWATER FEET	STRUCTURE SLOPE FT/FT	OUTLET VELOCITY FT/SEC	TYPE OF HYDRAULIC OUTLET TREATMENT	REMARKS
			OVERLAND	CHANNEL	OVERLAND	CHANNEL	OVERLAND	CHANNEL					5	10	25	50	100	Q ₅	Q ₁₀	Q ₂₅	Q ₅₀	Q ₁₀₀									
			ACRE	LF	LF	%	%	%					h ₅	h ₁₀	h ₂₅	h ₅₀	h ₁₀₀	6.08	6.99	8.88	10.99	12.48									
5	153+81.60	EXTEND EXIST 2'X2' RCB	11.2	500	1600	1.60	0.50	PA,CUL,PAV	1.00	0.17	31.24	3.27	3.76	4.35	4.93	5.38	6.08	6.99	8.88	10.99	12.48	1043.30	1042.37	1044.35	1043.09	0.013	7.08				



DESIGN	
DRAWN	AG
CHECKED	
APPROVED	
TEAM	GREEN

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

DRAINAGE DESIGN RECORD MAP

PROJECT NO. 27968(04) SHEET NO. R001A

09-07-17