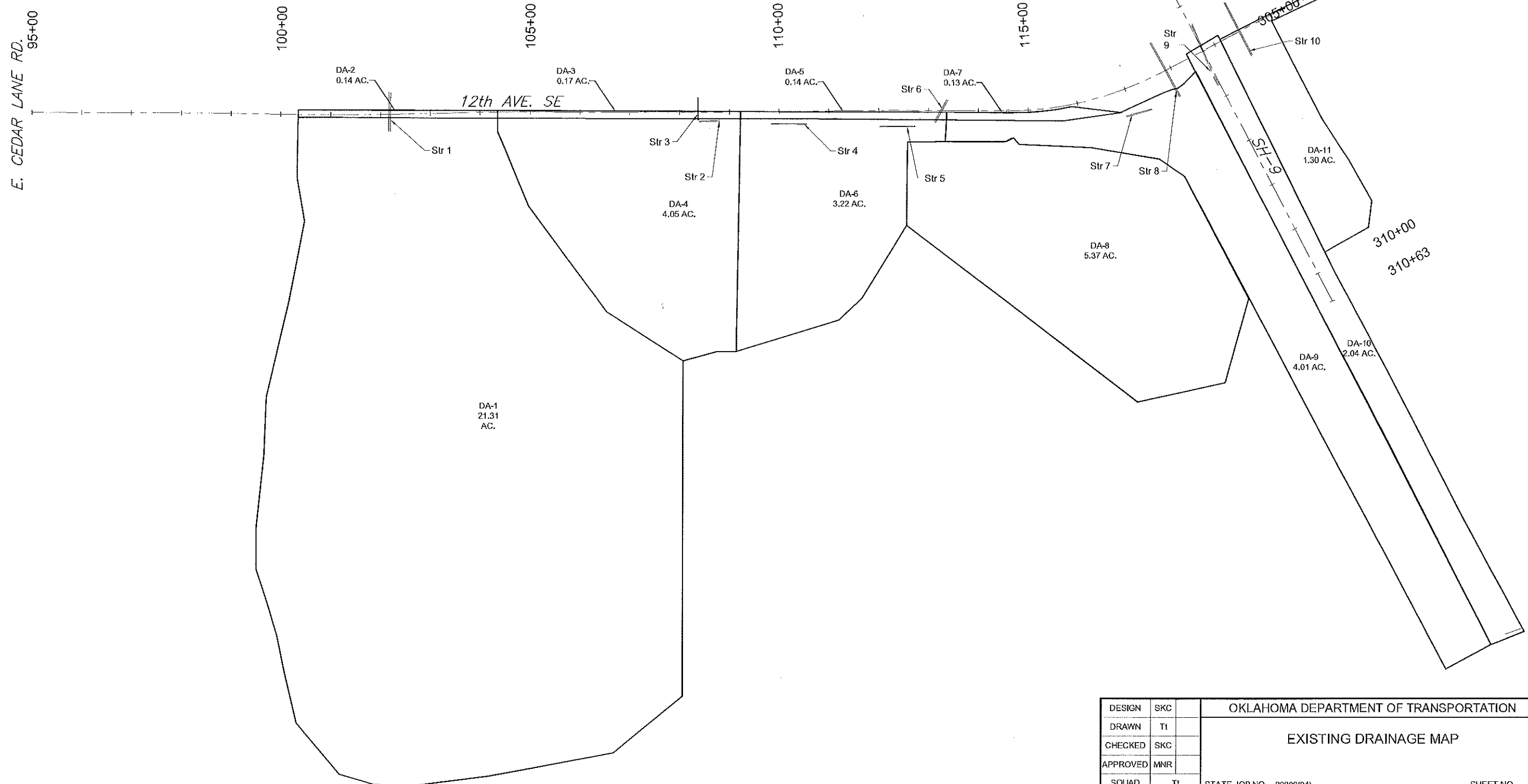
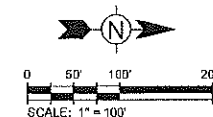


EXISTING DRAINAGE STRUCTURE DESIGN RECORD

P&P SHT NO.	STR. NO.	LOCATION	STRUCTURE SIZE AND TYPE	DESIGN YEAR	DRAINAGE AREA	ANTICIPATED LAND USE	WEIGHTED RUNOFF COEFFICIENT "C"	LENGTH OF OVERLAND FLOW	SLOPE OF OVERLAND FLOW	LENGTH OF CHANNEL FLOW	SLOPE OF CHANNEL FLOW	TIME OF CONC. (Tc)	INTENSITY OF DESIGN YEAR RAINFALL	DESIGN YEAR DISCHARGE	DESIGN TAIL WATER *	INLET FLOW LINE	OUTLET FLOW LINE	CULVERT SLOPE	MAX. ALLOWABLE HEADWATER	FLOW VELOCITY	CONTROLLING HEADWATER	REMARKS
				YRS	AC.			FT.	(%)	FT.	(%)	MIN.	IN/HR	CFS	FT.	ELEV.	ELEV.	(%)	ELEV.	FT./SEC.	ELEV.	
13	1	102+18.23	42" X 40' LG. CMP	50	20.74	GRASS	0.60	300	1.00	1482	1.00	22.15	4.55	56.81	0.85	1146.05	1145.37	0.01	1146.55	4.23	1146.05	
14	2	108+36.00	18" X 42' CMP	50	0.35	GRASS	0.65	185	1.00	115	1.00	11.81	7.78	2.09	0.00	1144.75	1144.72	0.0007143	1145.25	3.33	1144.75	
14	3	108+32.0	18" X 47' CMP	50	0.65	GRASS	0.65	185	1.00	115	1.00	11.81	7.78	3.92	0.00	1144.72	1144.35	0.0078723	1145.22	2.57	1144.72	
14	4	109+82.00	20" X 12' X 71' CMP	50	0.65	GRASS	0.65	185	1.00	90	1.00	8.61	8.61	4.34	0.00	1145.23	1144.84	0.005493	1145.73	2.07	1145.23	
14	5	112+04.00	18" X 72' LG RCP	50	1.29	GRASS	0.64	75	1.00	120	1.00	9.73	6.30	5.22	0.00	1143.97	1143.16	0.01125	1144.47	2.19	1143.97	
14	6	113+12.00	36" X 42" X 52' LG CMP	50	4.53	GRASS	0.61	100	1.00	250	1.00	10.79	6.09	16.91	0.00	1142.09	1141.70	0.0075	1142.59	2.84	1142.09	
15	7	116+87.00	18" X 52' LG CMP	50	1.76	GRASS	0.64	100	1.00	320	1.00	10.46	6.15	6.96	0.00	1142.26	1141.34	0.0176923	1142.76	2.56	1142.26	
15	8	117+92.17	24" X 122' RCP	50	4.01	GRASS	0.68	75	1.00	1300	1.00	14.66	5.45	14.95	1.22	1139.65	1136.99	0.0218033	1140.15	4.42	1139.65	
15	9	118+73.00	24" X 102' RCP	50	9.40	GRASS	0.63	40	3.00	1300	2.85	11.10	6.62	8.51	0.48	1142.93	1139.66	0.0320588	1143.43	3.21	1142.93	
15	10	119+60.00	24" X 126' RCP	50	1.30	GRASS	0.65	180	2.50	220	2.50	9.18	6.45	5.45	0.48	1142.93	1139.66	0.0320588	1143.43	3.21	1142.93	

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	STATE JOB NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA	29289(04)		12	
DESCRIPTION			REVISIONS		DATE



2/16/2017 5:15:53 PM - P:\0861\21181-0861\2-1300\1\CAD\USHEETFILES\C2\DC-DRAIN MAP.DWG - RODRIGUEZ, ANY

DESIGN	SKC	OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN	T1	
CHECKED	SKC	
APPROVED	MNR	
SQUAD	T1	
		EXISTING DRAINAGE MAP
		STATE JOB NO. 29289(04)
		SHEET NO. 12
		CLEVELAND COUNTY