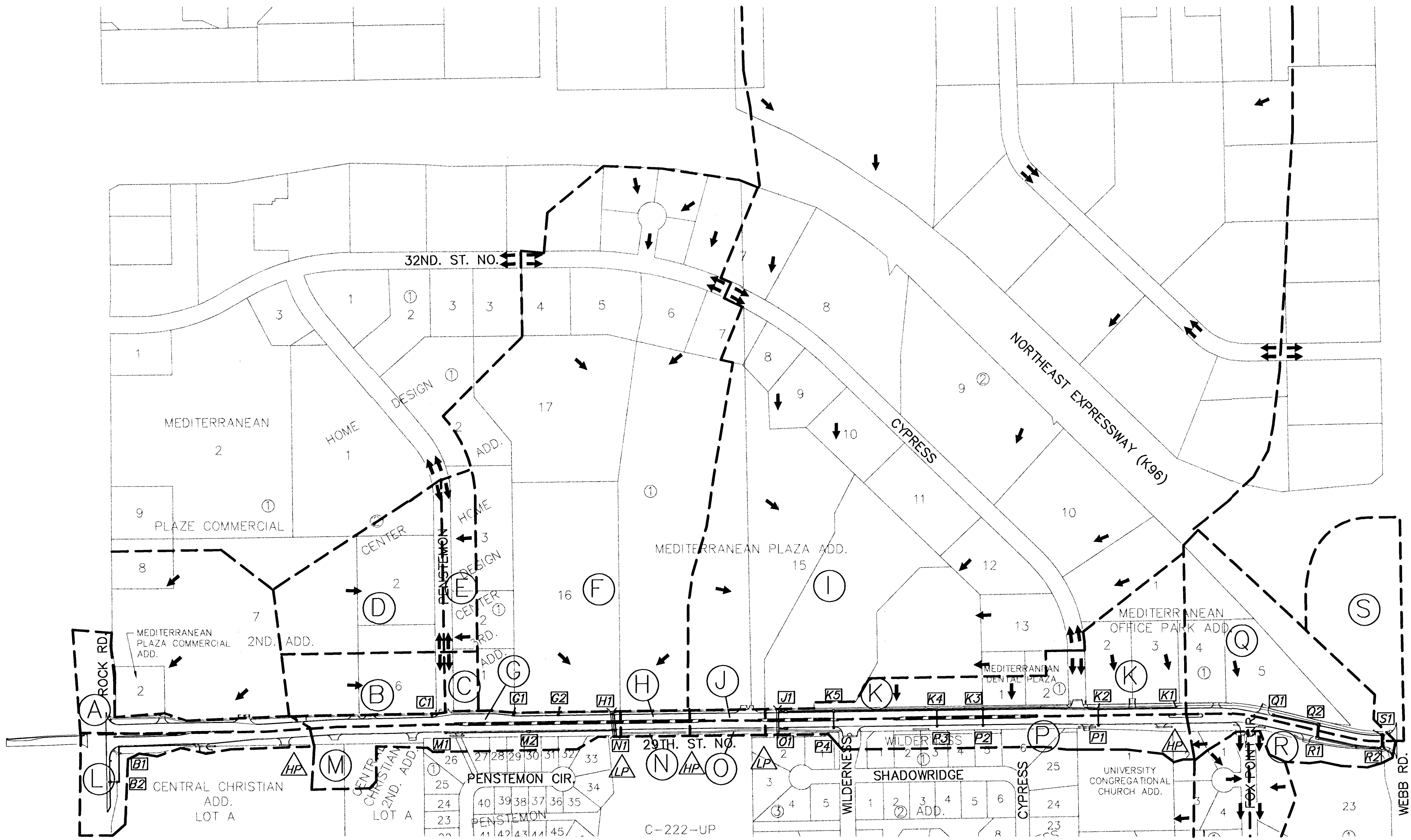


DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	

FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO	TOTAL SHEETS
7	KANSAS	87 N-0287-01	2003	85	107



DRAINAGE TABLE

Area ID	Area ha	Accum. Area ha	C10	C100	Elev Max	Elev Min	Flow Length	Tc10 Calc	Tc100 Calc	Tc10 min	Tc100 min	I10 cm/hr	I100 cm/hr	Q10 cms	Q100 cms	Struct #	INLET (Q100) Inlet Size m	Q100 Pipe Size mm	Min Slope %
Original Phase I Calcs																			
A	0.75		0.79	0.86	70.15	64.77	339.24	15.96	12.36	16	15	13.26	18.72	0.22	0.33	B1	1.93		
B	1.51		0.73	0.80	70.56	67.11	221.76	15.50	12.57	16	15	132.59	187.20	0.40	0.62	B2	1.93		
C	0.30		0.73	0.80	67.97	67.13	88.85	11.36	9.21	15	15	13.26	18.72	0.08	0.13	C1	1.93		
D	3.05		0.79	0.84	70.41	67.82	242.99	15.42	12.93	15	15	13.26	18.72	0.88	1.32				
E	0.91		0.79	0.84	69.49	67.82	242.08	17.77	14.91	18	15	12.57	18.72	0.25	0.39				
F	18.24		0.73	0.80	70.71	63.32	742.67	32.92	26.69	33	27	9.22	14.71	3.38	5.91	W.RCB			
G	0.64		0.72	0.82	69.77	65.23	407.56	24.13	17.78	24	18	10.72	17.78	0.14	0.26	G1	1.93	450	0.400%
H	0.15		0.72	0.82	65.75	65.23	85.00	13.47	9.93	15	15	13.26	18.72	0.04	0.06	G2	1.93	450	0.400%
I	62.37		0.73	0.80	75.47	63.37	1658.04	54.56	44.23	55	44	6.86	11.25	8.60	15.47	H1	3.45	W.RCB	
J	0.17		0.72	0.82	65.75	65.23	98.00	42.01	30.95	42	31	7.95	13.72	0.03	0.05	J1	3.45	W.RCB	
K	3.69		0.73	0.80	70.71	65.23	643.43	32.27	26.16	32	26	9.22	14.71	0.68	1.20	K1	1.93	450	0.80%
																K2	1.93	600	0.45%
																K3	1.93	600	0.65%
																K4	1.93	750	0.85%
																K5	1.93	900	0.40%
L	1.20		0.79	0.86	70.20	65.23	332.78	16.13	12.49	16	15	12.90	18.72	0.34	0.53	M1	1.93	450	0.600%
M	1.49		0.72	0.82	70.10	65.23	420.50	24.18	17.82	24	18	10.72	17.78	0.32	0.60	M2	3.45	600	1.500%
N	0.15		0.72	0.82	65.29	65.23	85.00	27.39	20.26	27	20	10.11	16.59	0.03	0.06	N1	4.98	E.RCB	
O	0.17		0.72	0.82	65.29	65.23	98.00	30.95	22.81	31	23	9.55	15.90	0.03	0.06	O1	3.45	E.RCB	
P	1.92		0.72	0.82	68.32	65.23	543.32	34.84	25.67	35	26	8.92	14.99	0.34	0.65	P1	1.93	450	0.400%
																P2	1.93	450	0.400%
																P3	1.93	450	0.400%
																P4	1.93	450	0.400%
Q	1.20		0.72	0.82	67.83	67.25	241.00	17.22	14.16	17	15	4.95	7.37	0.26	0.39	Q1	1.93	600	0.300%
																Q2	3.45	2-0.35	0.150%
R	0.94		0.72	0.82	67.79	67.25	250.00	17.77	14.91	18	15	4.95	7.37	0.32	0.47	R1	3.45	0.90	0.200%
																R2	3.45	0.90	0.200%
S	2.21		0.72	0.82	68.54	67.25	685.00	30.67	20.87	31	21	3.76	6.53	1.47	2.21	S1	3.45	2-0.30	0.100%

LEGEND

- = Drainage Area
- = Inlet I.D. Number
- = High Point/Low Point
- = Drainage Basin Boundary

2					
1					
NO.	DATE	REVISIONS	BY	APP'D	
KANSAS DEPARTMENT OF TRANSPORTATION					
29TH. STREET NORTH DRAINAGE MAP					
PROJ. NO. 87 N-0287-01			SEDGWICK CO.		
MKEC ENGINEERING CONSULTANTS, INC. WICHITA, KANSAS					
DESIGNED BY:	ASH	CHECKED BY:	GJA		
DRAWN BY:	WNJ	DATE: Jan. 2003	SHEET 85 OF 107		