

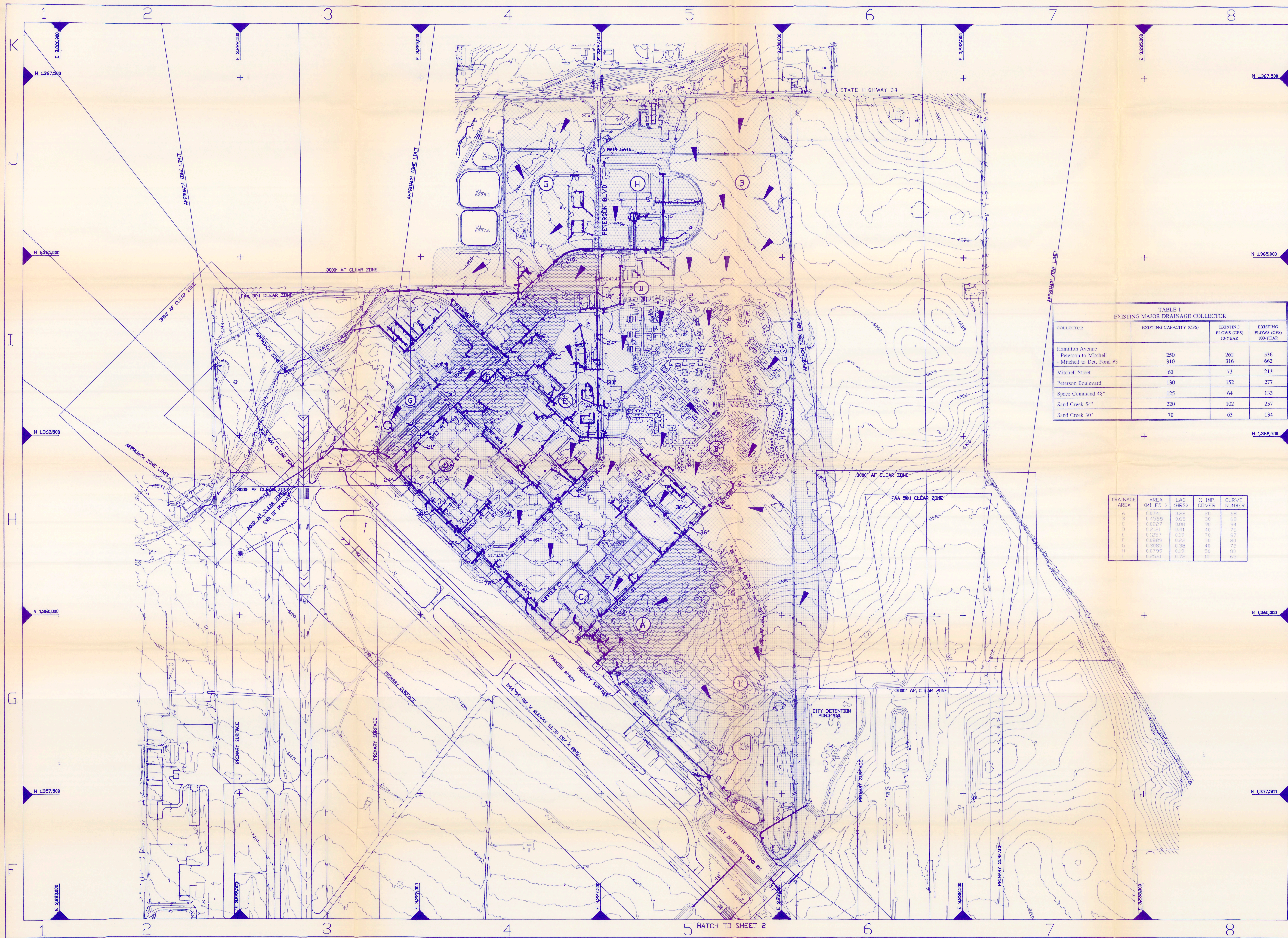
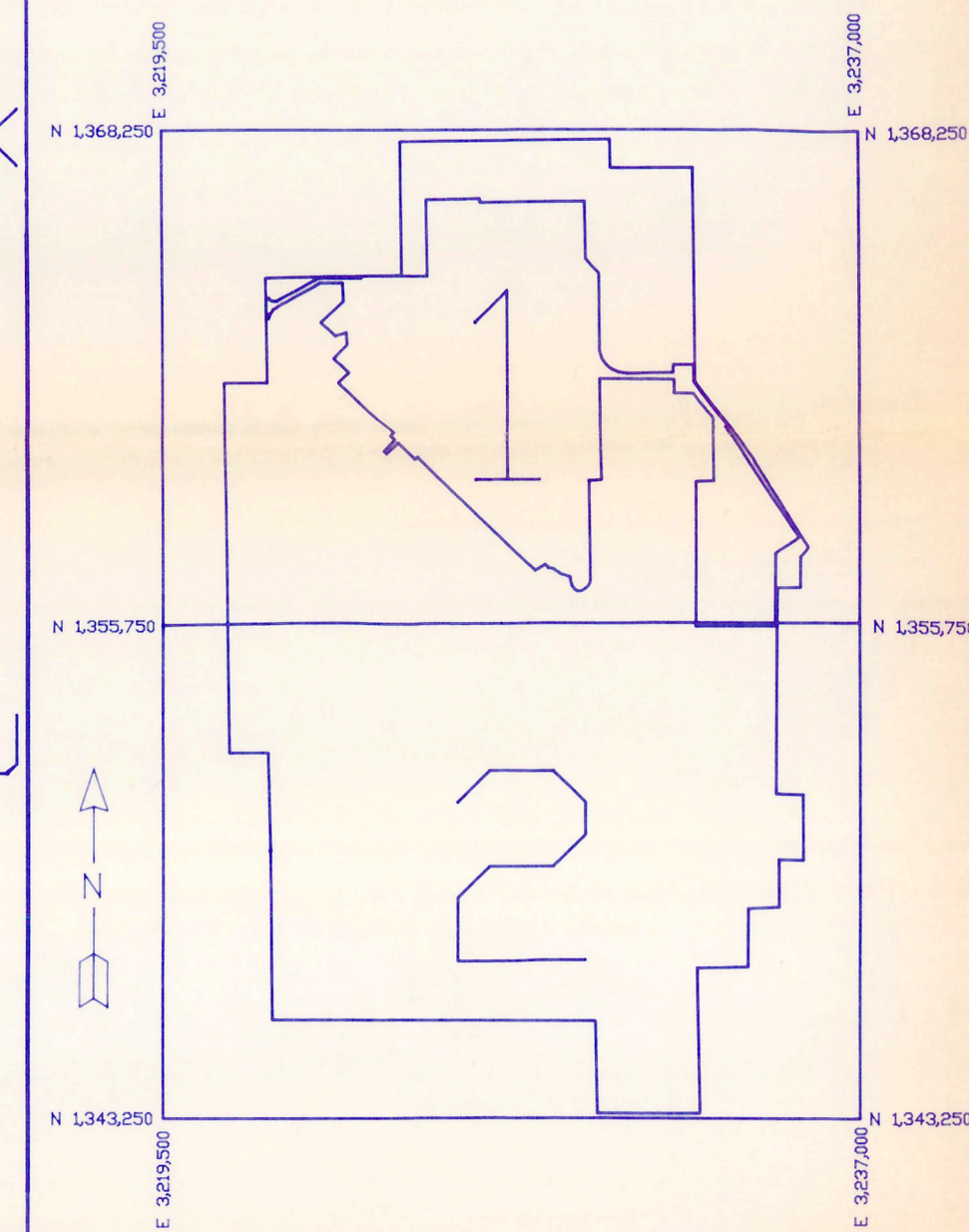
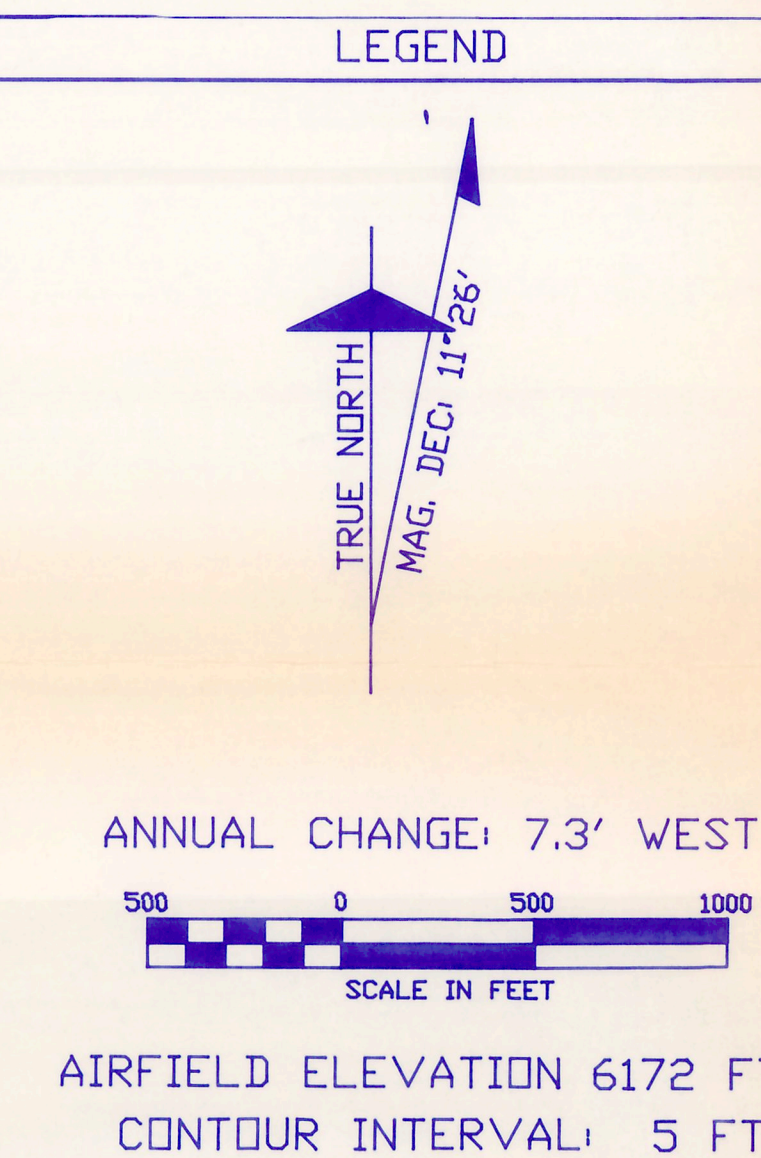


TABLE 1 EXISTING MAJOR DRAINAGE COLLECTOR			
COLLECTOR	EXISTING CAPACITY (CFS)	EXISTING FLOWS (CFS) 10-YEAR	EXISTING FLOWS (CFS) 100-YEAR
Hamilton Avenue - Peterson to Mitchell	250	262	536
Mitchell to Det. Pond #3	310	316	662
Mitchell Street	60	73	213
Peterson Boulevard	130	152	277
Space Command 48"	125	64	133
Sand Creek 54"	220	102	257
Sand Creek 30"	70	63	134

DRAINAGE AREA	AREA (MILES ²)	LAG (HRS)	% IMP COVER	CURVE NUMBER
A	0.0741	0.22	50	6.8
B	0.4568	0.65	30	6.8
C	0.0227	0.08	90	9.4
D	0.2121	0.41	40	7.6
E	0.1257	0.19	70	8.7
F	0.0889	0.25	60	8.0
G	0.3085	0.38	40	7.2
H	0.0799	0.19	50	8.6
I	0.0561	0.22	10	6.5



- KEY MAP
- DRAINAGE AREA BOUNDARY
 - (A) DRAINAGE AREA
 - - - INDEX CONTOUR
 - - - INDEX DEPRESSION CONTOUR
 - - - INTERMEDIATE CONTOUR
 - - - INTERMEDIATE DEPRESSION CONTOUR
 - - - RETAINING WALL
 - - - FENCE
 - RADIO TOWER
 - ▲ BENCHMARK
 - FAIRWAY
 - 2001 P PERMANENT BUILDING
 - 2001 S SEMI-PERMANENT BUILDING
 - 2001 T TEMPORARY BUILDING
 - EXISTING STORM SEWER
 - - - PROPOSED DRAINAGE IMPROVEMENTS



REV	DATE	DESCRIPTION	INITIAL
PLAN REVISIONS			
DEPARTMENT OF THE AIR FORCE DIRECTORATE OF ENGINEERING & SERVICES DCS/LEE - WASHINGTON, D.C.			
AIR FORCE SPACE COMMAND			
COMPREHENSIVE PLAN TAB G-3.1, EXISTING STORM DRAINAGE MAP PETERSON AIR FORCE BASE COLORADO SPRINGS, COLORADO			
SCALE: 1" = 500 FT. 2 APRIL 92 BASE: COMPREHENSIVE PLAN DIRECTIVE AFR 86-4 ANALYTICAL SURVEYS, INC. COLORADO SPRINGS, COLORADO			
			SHEET 1 OF 1

FIGURE 1

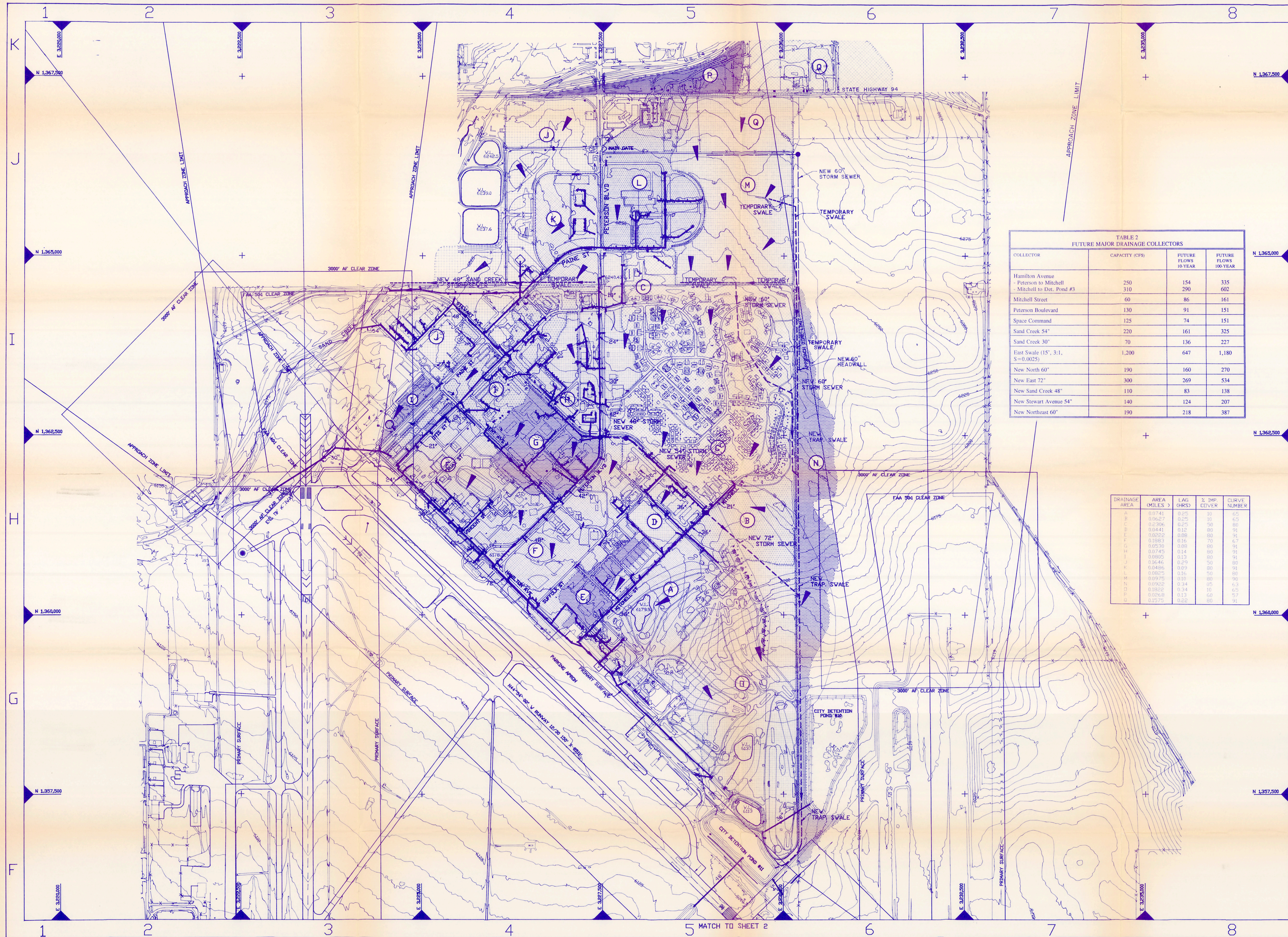


TABLE 2
FUTURE MAJOR DRAINAGE COLLECTORS

COLLECTOR	CAPACITY (CFS)	FUTURE FLOWS 10-YEAR	FUTURE FLOWS 100-YEAR
Hamilton Avenue - Peterson to Mitchell	250	154	335
- Mitchell to Det. Pond #3	310	290	602
Mitchell Street	60	86	161
Peterson Boulevard	130	91	151
Space Command	125	74	151
Sand Creek 54"	220	161	325
Sand Creek 30"	70	136	227
East Swale (15", 3:1, S=0.0025)	1,200	647	1,180
New North 60"	190	160	270
New East 72"	300	269	534
New Sand Creek 48"	110	83	138
New Stewart Avenue 54"	140	124	207
New Northeast 60"	190	218	387

DRAINAGE AREA	AREA (MILES ²)	LAG (HRS)	% IMP COVER	CURVE NUMBER
A	0.0741	0.25	10	65
B	0.0627	0.25	10	65
C	0.2306	0.25	50	80
D	0.0441	0.12	80	91
E	0.0222	0.08	80	91
F	0.1893	0.16	70	67
G	0.0538	0.08	80	91
H	0.0745	0.14	80	91
I	0.0905	0.13	80	91
J	0.1646	0.29	50	80
K	0.0486	0.09	80	91
L	0.0825	0.16	50	80
M	0.0975	0.10	80	91
N	0.0922	0.34	05	63
O	0.1822	0.34	10	65
P	0.0948	0.13	60	87
Q	0.1575	0.22	60	91

KEY MAP

LEGEND

DRAINAGE AREA BOUNDARY
 DRAINAGE AREA
 INDEX CONTOUR
 INDEX DEPRESSION CONTOUR
 INTERMEDIATE CONTOUR
 INTERMEDIATE DEPRESSION CONTOUR
 RETAINING WALL
 FENCE
 RADON TOWER
 BENCHMARK
 FAIRWAY
 2001 P PERMANENT BUILDING
 2001 S SEMI-PERMANENT BUILDING
 2001 T TEMPORARY BUILDING
 EXISTING STORM SEWER
 PROPOSED DRAINAGE IMPROVEMENTS

ANNUAL CHANGE: 7.3" WEST

SCALE IN FEET

AIRFIELD ELEVATION 6172 FT.
CONTOUR INTERVAL: 5 FT.

REV	DATE	DESCRIPTION	INITIAL

DEPARTMENT OF THE AIR FORCE
DIRECTORATE OF ENGINEERING & SERVICES DCS/LEE - WASHINGTON, DC

AIR FORCE SPACE COMMAND

COMPREHENSIVE PLAN
TAB G-3.2, FUTURE STORM DRAINAGE PLAN
PETERSON AIR FORCE BASE
COLORADO SPRINGS, COLORADO

SCALE: 1" = 500 FT. 2 APRIL 98
BASE COMPREHENSIVE PLAN DIRECTIVE AFR 86-4
ANALYTICAL SURVEYS, INC. COLORADO SPRINGS, COLORADO

TAB G-3.2
SHEET 1 OF 1

FIGURE 2