HYDROLOGY M14/D6b 1 PLAN

M14/D6B

1 PLAN FOR

GENERAL ELECTRIC

AUTOCLAVE AREA

M14-D6B

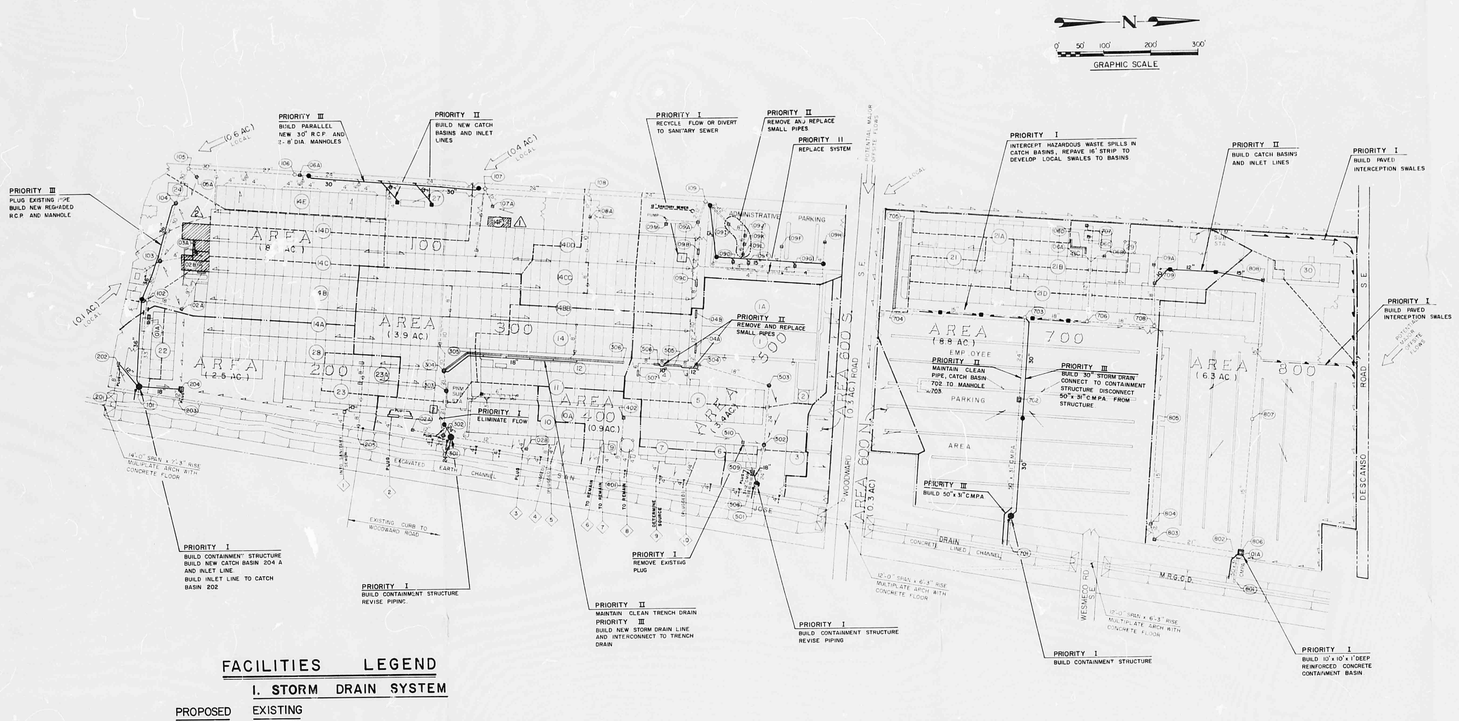
1 Plan

F 30 | D 24 | C 20 | B 16 | A 12

CITY OF ALBUQUERQUE

C | D | F

CITY OF ALBUQ
PRINTS WORKING
TO THE FOL
CERTIFIED



FACILITIES LEGEND

I. STORM DRAIN SYSTEM

PROPOSED	EXISTING	
N/A		MAJOR DRAINAGE DIVIDES
N/A	AREA 100	MAJOR DRAINAGE DESIGNATIONS (LAND AREA SHOWN)
N/A		SUB AREA DIVIDES
		ROOF TROUGH OR DRAINAGE SWALES
N/A		DOWN SPOUTS AND ROOF DRAIN PIPES
N/A		DIRECTION OF OVERLAND FLOW
N/A		PAVEMENT OUTLET PIPES TO SAN JOSE DRAIN, PLUGGED
		STORM DRAIN PIPE, RCP UNLESS NOTED
		MANHOLES, GRATED AND SOLID COVERS
		CATCH BASINS
		TRENCH DRAIN
N/A		MAIN LINE FACILITIES
N/A		SIDE LINE FACILITIES
N/A		INFLOW FROM OFFSITE, LOCAL OR POTENTIAL MAJOR

2. SOURCES OF RECURRING RELEASES TO DRAINS

N/A

3. OTHER DRAINAGE FACILITIES

N/A		DESIGNATION AND LOCATION
N/A		PIPES
N/A		CATCH BASIN
	N/A	CONTAINMENT STRUCTURE
	N/A	CONTAINMENT BASIN

4. PRIORITIES

PRIORITY I	N/A	HAZARDOUS WASTE CONTAINMENT
PRIORITY II	N/A	STORM DRAIN IMPROVEMENT, CAPACITY RELATED
PRIORITY III	N/A	STORM DRAIN IMPROVEMENT, MAINTENANCE & CAPACITY RELATED

PROPERTY LEGAL DESCRIPTION

MRGCD MAP 44
TRACT 64 a 4

REVISIONS

NO.	DATE	DESCRIPTION
1	4-3-85	BUILDING 14 F, 1000 SF SHED ROOF ADDITION TO BUILDING 14-DD OVER EXISTING PAVED AREA.
2	4-4-85	5440 S.F. SHED ROOF ADDITION TO SOUTH OF BUILDING 14-C & 14-D REPLACING 2 EXISTING EQUIPMENT SHEDS.

1. STORM DRAIN ELEVATIONS

Facility Number	Type of Facility	Rim or Grate Elevation	Main Line Invert Elevations Downstream	Main Line Invert Elevations Upstream	Other Invert Elevations and Comments
AREA 100					
101	Outfall	---	---	28.53	
101A	Cb	39.27		---	In steam cleaning bldg
102	Mh	39.36			
102A	Cb	36.29	34.92	35.39	
102B	Cb	39.44	37.74	---	
103	Gr Mh	37.94	30.76±	30.76±	
103A	Cb	36.66	35.04	---	
104	GR Mh	38.37	30.91±	30.91±	
105	Mh	36.45	31.02	31.22	34.27 NE
105A	Cb	37.90	35.21	---	
106	Mh	36.22	32.00	32.00	33.47 NE, 35.62 N to CB
106A	Cb	37.95	36.22	---	
107	Mh	40.54	33.64	33.79	34.34 ENE, 35.84 ENE to CB
107A	Cb	39.54	36.29	---	
108	Mh	40.56	34.76	34.76	34.88 ENE
108A	Cb	39.21	37.54	---	
109	Mh	40.51	35.81	35.87±	34.61 NE two pipes, 35.87 SE
109A	Cb	38.49	36.63	36.74	
109B	Cb	39.29	37.29	37.29	
109C	Cb	39.41	38.31	---	
109D	Cb	38.94		---	
109E	Cb	38.95		---	
109F	Cb			---	
109G	Cb	39.21		---	
109H	Cb	39.31		---	
109I	Cb	38.69	36.46*	36.67	*two pipes
109J	Cb	38.40	37.45	37.50	
109K	Cb	38.91	37.52	37.66	
109L	Cb	38.96	37.71	---	
109M	CB	34.62	32.17	---	
AREA 200					
201	Outlet	---	---	33.87	
202	Cb	36.59	34.82	---	
203	Outlet	---	---	35.25	
204	Cb	37.86	36.06	---	
205	Outlet	---	---	31.02	
AREA 300					
301	Outlet	---	---	29.76	
302	Gr Mh	36.16	30.76	30.84	35.26 S, 35.01 N
302A	Cb	36.49	30.47	---	
302B	Cb	39.01	37.58	---	37.56 E
303	Gr Mh	36.39	32.34	32.34	
304	Gr Mh	36.55	32.80	32.80	33.59 +
305	Trench Dr	39.44	36.01	36.01	
306	Trench Dr	39.49	36.69	---	
AREA 400					
401	Outlet	---	---	32.56	
402	Cb				
AREA 500					
501	Outlet	---	---	31.36	
502	Gr Mh	36.71	32.51±	32.51±	
503	Gr Mh	36.81	32.01±	32.01±	
504	Cb	39.27	36.12		
504A	Trench Dr	39.45	37.25		
504B	Trench Dr	39.71	36.21		
505	Trench Dr	39.45	37.47		
506	Cb	39.49	36.61		
507	Cb	39.65	36.55		
508	Outlet	---	32.63 S	32.67 Cent.	32.78 N
509	Cb	36.76	34.70 S	34.60 Cent.	34.65 N
510	Cb	36.80	37.07		
AREA 600					
					No G.E. facilities
AREA 700					
701	Outlet	---	---	33.53	
702	Cb	36.75	33.15	33.14	
703	Mh	37.63	33.03	33.96 S	33.19 N
704	Trench Dr	36.36	34.67	34.67	
705	Trench Dr	36.67	37.17	---	
706	Mh	37.81	33.73	33.87	33.90 W
706A	Cb				
706B	Cb	38.31	36.70	---	
706C	Cb	36.28	36.42	---	
706D	Trench Dr	36.28	36.41	---	
707	Cb	37.62	---	---	
708	Mh	37.96	34.46	35.30	
709	Cb	37.99	35.89	35.64	
709A	Cb	36.06	36.35	---	
AREA 800					
801	Outlet	---	---	32.37	
801A	Inlet	---	32.76	---	
802	Outlet	---	32.86	---	
803	Cb	35.73	33.41	33.41	
804	Cb	35.81	33.79	33.86	
805	Inlet	---	34.56	---	
80F	Outlet	---	---	32.89	
807	Mh	37.62	33.87	33.87	
808	Cb	37.67	34.86	34.86	

Notes:
MH - Manhole - solid cover
Gr MH - Grated cover manhole
Cb - Catch Basin

Blank entries indicate no data acquired.
--- entries indicate not applicable.
± entries are from measurements at center of manholes.

2. RECURRING RELEASES TO STORM DRAINS FROM BUILDINGS

Loc. No.	Source	Type of Flow
1	Heat exchanger in Building 140C	6 cubic feet per minute
2	between Mh 302 and 303	Trickle

3. DESCRIPTION AND STATUS, OTHER DRAINAGE FACILITIES

Loc. No.	Pipe Size	Apparent Source	Current Status
1	4"	Filter washer grease trap	Into sanitary sewer
2	4"	Catch basins at doorway	No longer used
3	4"	Former pavement drain	Inlet not evident
4	4"	Building 10	Plugged at outlet
5	4"	Building 10	Plugged at outlet
6	1"	Air compressor cooling water	Frequent flows
7	1"	Air compressor cooling water	Frequent flows
8	4"	Water reservoir sand trap	In use
9	4"	Cleaning vats, building 7	Unknown
10	1-1/4"	Unknown	Plugged at outlet

NOTE:
1. DETAILED FIELD SURVEYS WILL BE REQUIRED FOR FINAL DESIGNS.

EXHIBIT NO. 2

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES	DWG TYPE		
ALL SURFACES ✓	CONTRACT		GENERAL ELECTRIC AIRCRAFT ENGINE GROUP CINCINNATI, OHIO, U.S.A.
MATL.	SIGNATURES	YR. MO. DA	PRELIMINARY DESIGN
	DRAWN J.C.D.	JULY 7,1984	PROPOSED DRAINAGE IMPROVEMENTS
FOR G E USE ONLY	CHECKED H.N.P.	JULY 7,1984	
SIMILAR TO	ENGRG H.N.P.	JULY 7,1974	SIZE D FSCM NO. 07482 DWG NO. M4/D6B
L/O	MFG		SCALE WT. LBS. APPROX. SHEET
DR	MATL		
	ISSUED		

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