Manager : Sukeiti Kawano.

REPORTS OF ENTERPRISE.

1. Name; Kōriyama Works of the Hotogaya Chemical Manufacturing Co.

2. Capital; Nominal capital. Yen. 60,500,000.00

Paid up capital. Yen. 43,725,000.00

3. Ownership; (great share holders)

Name of share holders.	Number of original share	Number of new share
Fukoku Chōhei Mutual Insurance Co.	31,000	42,800
Nippon Life Insurance Co.	31,800	38,160
Chiyoda Life Mutual Insurance Co.	25,000	35,000
Otomi Isomura.	20,697	32,236
Mansyū-toshi Bill Co.	20,000	24,000
Nippon-denkō Co.	12,000	14,400
Teikoku Life Insurance Co.	10,000	12,000
Daiichi-chōhei Insurance Co.	10,000	11,100
Nomura-shintaku Co.	19,500	600

4. Relation to the government; Nothing.

5. Date of foundation; Company. November 5th, 1916.

Works. August 1st, 1934.

6. Location; Company No.3 Imairi-chō, Shiba-ku, Tokyo.

Works. No. 53 Tanishima, Kōriyama-shi, Fukushima-ken.

7. General description of machinery and plant;

Manufacturing capacity of tetraethyl lead. 60 Kl./m.

a) Site — 448,740 square meter 4,825,000 ₱

b) Building area — 30,632 (30032 m² — 323,000 ₱; 31132 m² — 334,700 ₱)

c) Area of main buildings

Total manufactry	13,072
Electrolysis room	661
Boiler room	1,071
Electric comverter room	602
Store house	4,942

d) Main machinery and plant.

Name of machinery	Capacity	Number
Autoclave	1,000 l	48
Reaction vessel for ethylchloride	2,000 l	12
HCl gas producer	1,000 l (16); 5,000 l (3)	19
Distillation still	2,000 l (2); 1,500 l (2)	4
Electric furnace	16 Kw	16
Ethylen gas generator	300 Kg/day	3
Distillation still for ethylen di-bromide	600 l	3
S-Bendtype reaction tower	dia 80 mm	1
Reverberatory furnace		7
Alkali chlorine cell	1,500 Amp	140
Rotary converter	750 Kw	1
Double effect evaporator		1

Fusion Pot

Synthetic tower of HCl gas 4

8. Number of employees; Man 543 person.

Woman 58

Total 601

9. Production before the war;

Period	Productive amount per year Tetraethyl lead (l)	Sodium chlorate (Kg)
1940	20,333	802,100
1941	109,456	1,151,810

10. Production during the war;

Period	Productive amount per year Tetraethyl lead (l)	Sodium chlorate (Kg)
1942	552,073	1,032,210
1943	1,039,275	716,000
1944	1,574,088	524,733
1945	300,577	139,100

11. Future plan of production;

A. For the following plans which we can start atonce with technique and our own raw materials.

Name of products	Productive amount/m (Kg)
1) Caustic soda	160,000
2) Sodium chlorate	60,000
3) Deodoriser	30,000 piece
4) Copper sulphate	50,000
5) Calucium pory sulphite solution	50,000

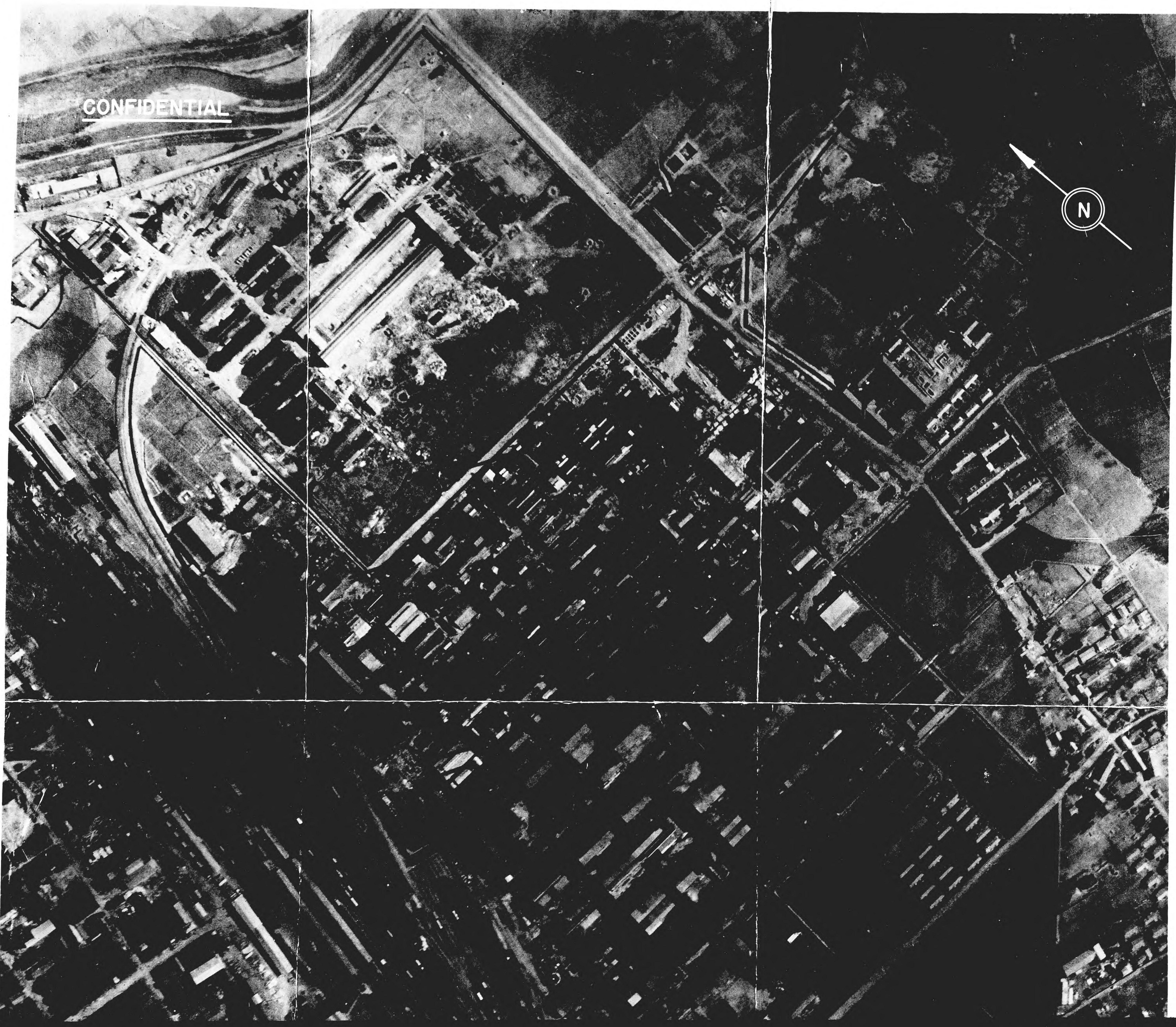
6) Ice (Ice safe)	90,000	
7) Hydrochloric acid	210,000	
8) Dying	16,200	yard

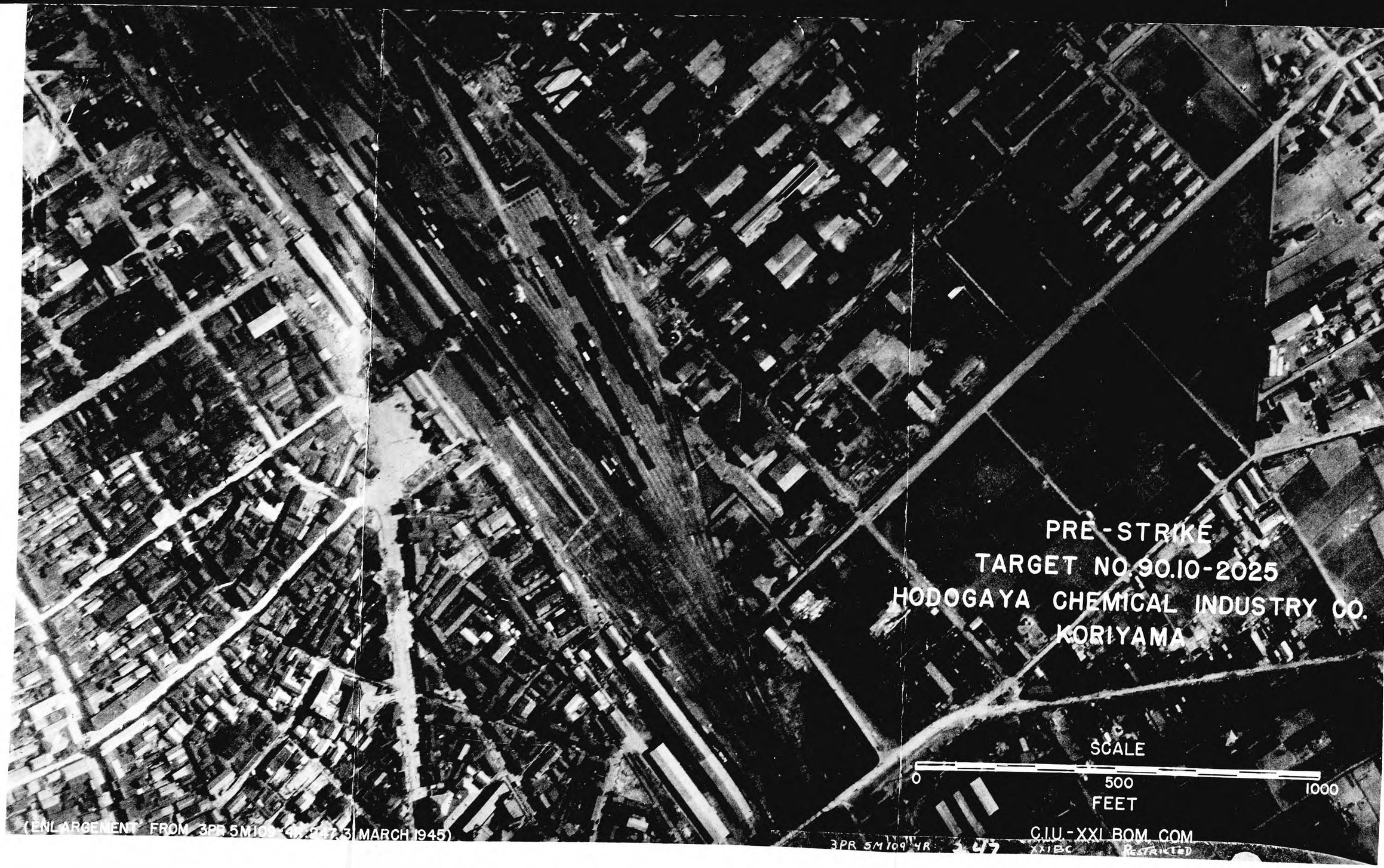
B. For the following plan which we have technique, raw material and can be arrangen equipment easily and doing now.

Name of Productis or plan	Productive amount/m (Kg)	
1) Liquid chlorine	30,000	
2) Chlornaphthalene	10,000	
3) Electrolysis of water	4,000	Oxygen
4) Sulphur chloride	5,000	
5) Lead oxide	6,000	
6) Working up for lead	65,000	
7) Manufacture of dyestuff		
Name of dyestuff		
Direct Ødeep black EW	6,000	
Direct dark green B	6,000	
Orange II	2,080	
Chrysamin G	3,198	
Chrysophenine G	3,840	
Methylene blue NSZ	1,300	
Direct fast yellow A	780	
Direct fast yellow BC	3,000	

C Now, adding above, we are planing to make paints, vulcanization accelerator, antiageing reagents for rubber, regenrater rubber and earthen wares.

CONFIDENTIAL

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HODOGAYA CHEMICAL INDUSTRY CO.
KORIYAMA
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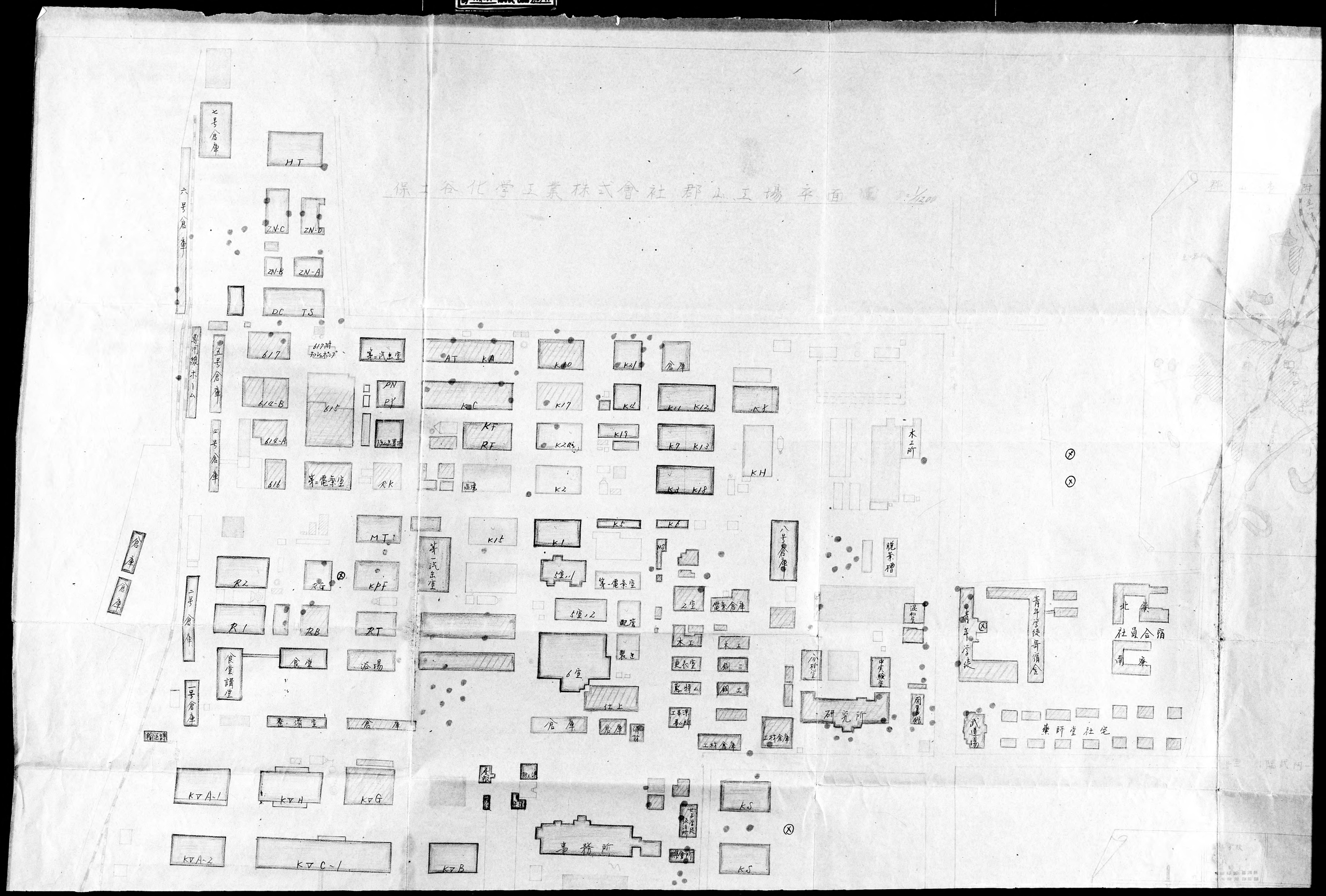
(ENLARGEMENT FROM 3PR 5M109 4R 3 MARCH 1945)
3PR 5M109 4R
XXIBC
RESTRICTED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六号倉庫
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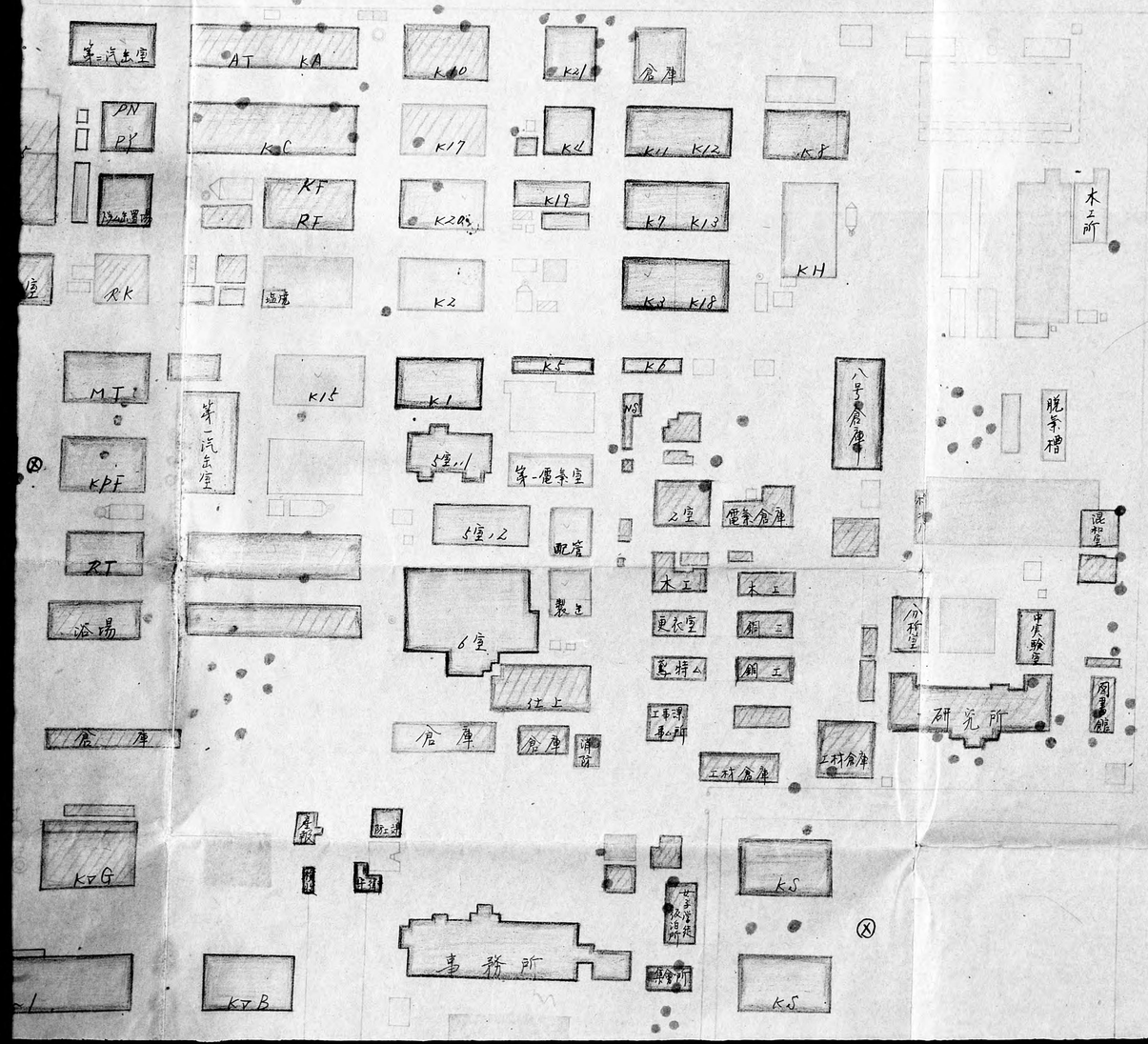
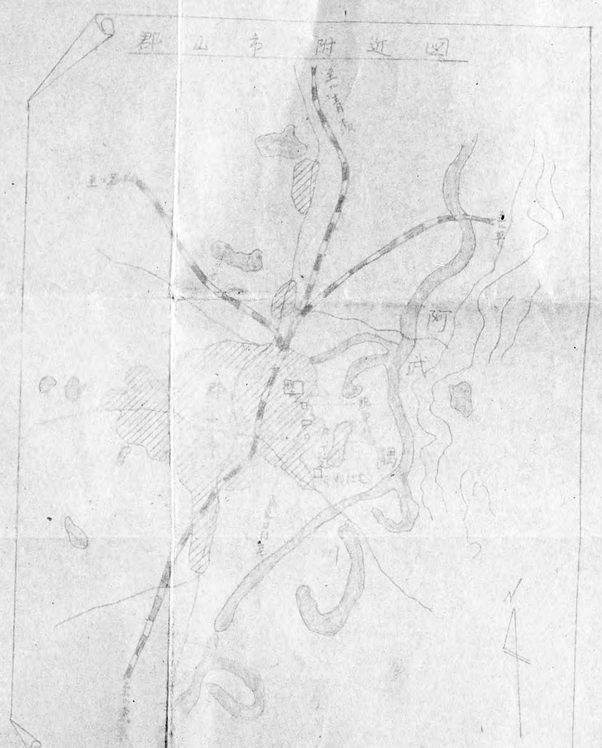
ZN-D
ZN-B
ZN-A
DC
TS
五号倉庫
四号倉庫
617
614-B
614-A
615
616
第二汽缶室
第二電氣室
AT
KA
KC
KF
RF
RK
K10
K21
K17
K4
K11
K12
K8
K19
K7
K13
K2
K3
K18
KH
木工所
MT
K15
K1
K5
K6
第一汽缶室
第一電氣室
八号倉庫
脱茶槽
R2
RG
KPF
R1
RB
RT
5室
2室
電氣倉庫
6室
仕上
倉庫
食堂
浴場
食堂講堂
一号倉庫
二号倉庫
整備室
倉庫
工材倉庫
研究所
青年学徒
青年学徒寄宿舎
北寮
社員合宿
南寮
武道場
藥師堂社宅
KVA-1
KVH
KVG
KVA-2
KVC-1
KVB
事務所
KS

保土谷化学工業株式會社 郡山工場平面圖 1:1200





凡例

全壊全焼又ハ復旧不能程度

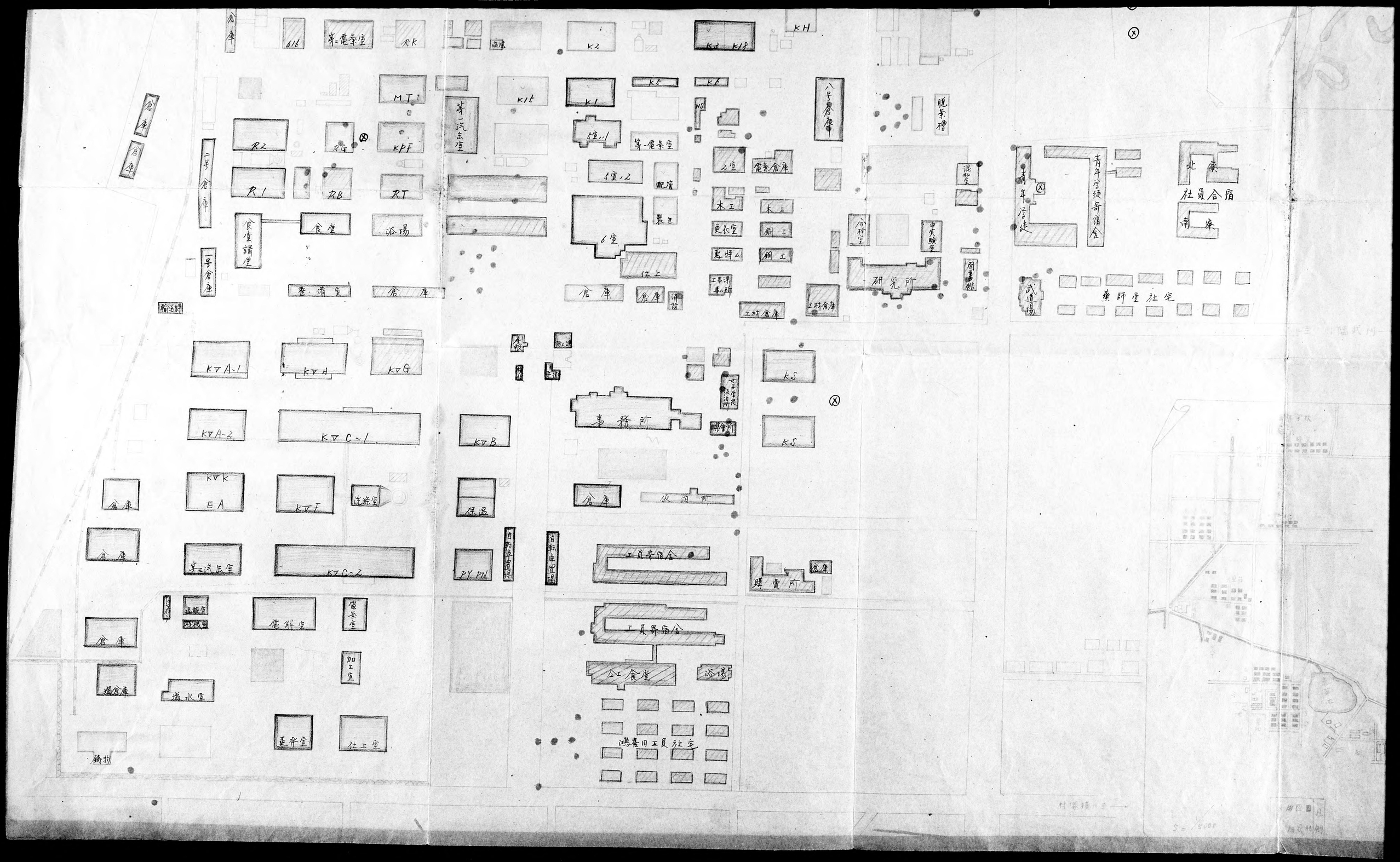
相当破損ヲ修理使用可能程度

一部修理ニヨリ使用可能程度

火災ヲ生ゼルモノ

弾痕（爆弾落下地点）……工場内ニアリテハ

⊗ 不発弾落下地点



倉庫
616
第二電氣室
RK
K2
K3 K18
KH
MT
K15
K1
K5
K6
第一汽缶室
第一電氣室
5室,1
5室,2
2室
電氣倉庫
八号倉庫
脱氣槽
R2
RG
KPF
R1
RB
RT
二号倉庫
食堂
浴場
食堂講堂
一号倉庫
整備室
倉庫
6室
仕上
木工
更衣室
鋼工
工材倉庫
研究所
分析室
中央驗室
青年学徒
青年学徒寄宿舍
北寮
社員合宿
南寮
武道場
藥師堂社宅
KVA-1
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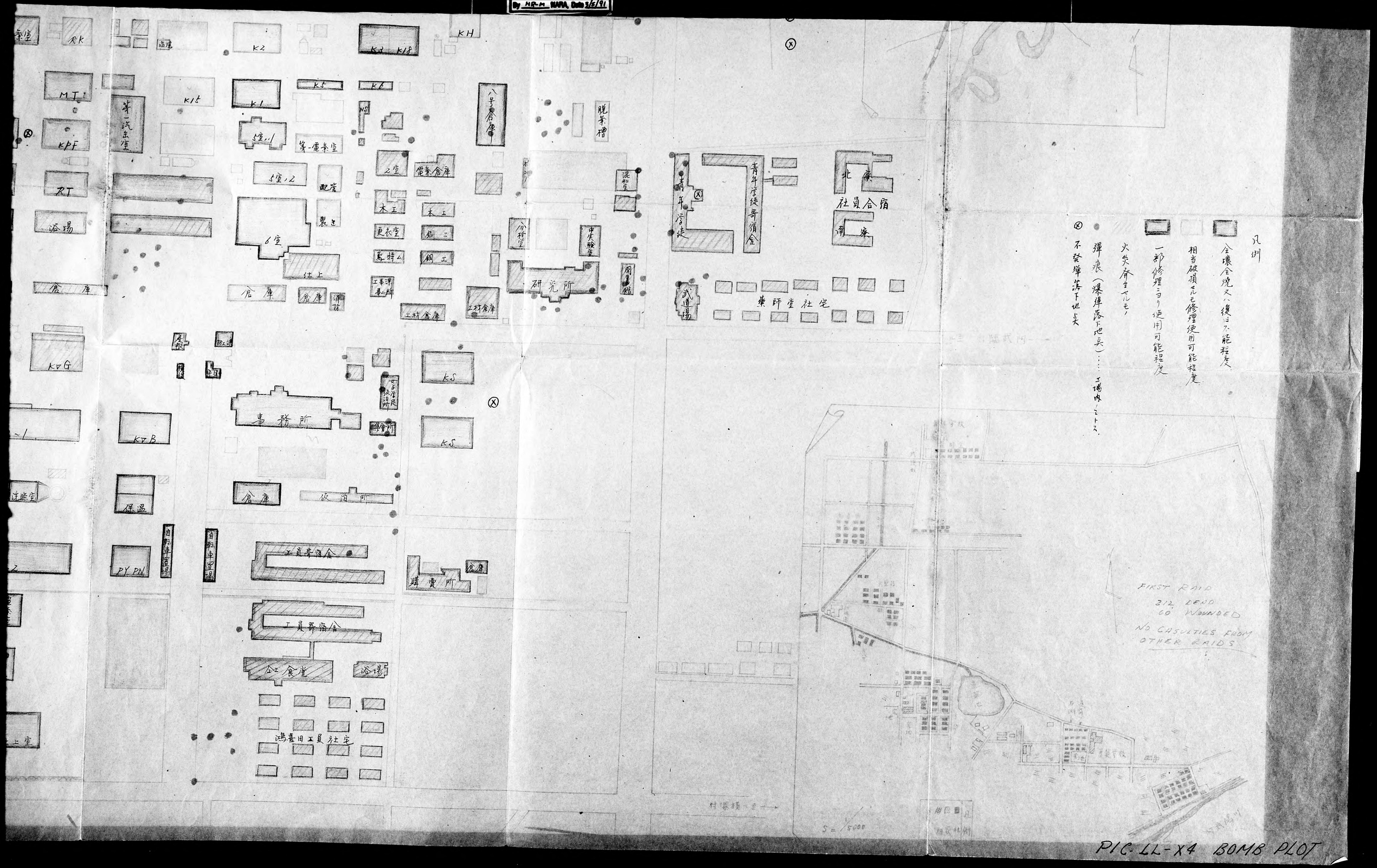
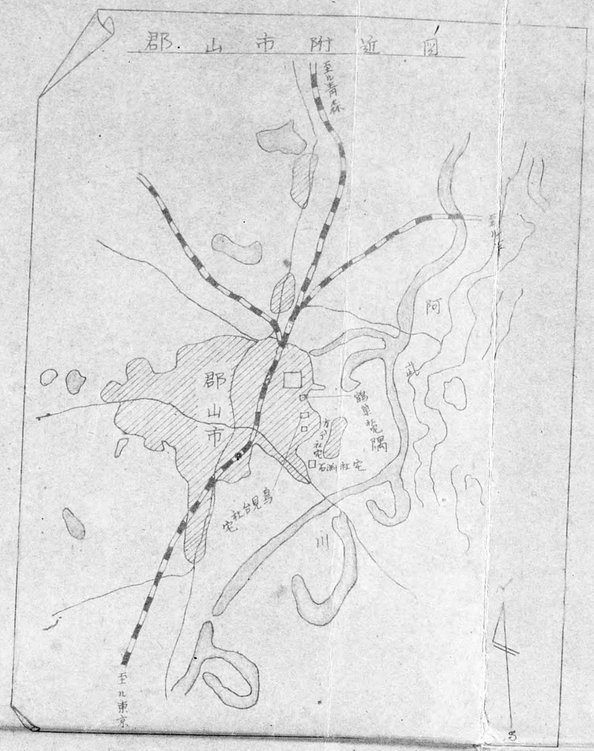
EA
KVF
洗滌室
保温
倉庫
仮泊所
KS
KS
第三汽缶室
KVC-2
PY PN
自転車置場
工員寄宿舍
購賣所
倉庫
電解室
電氣室
加工室
工員寄宿舍
公工食堂
浴場
塩倉庫
塩水室
仕上室
鋳物
鴻喜田工員社宅



PIC-LL-X4 BOMB PLOT

By HR-M NARA, Date 3/6/91

郡山市附近図



SINGLE OPEN WOOD STORAGE SHED
STORAGE TANKS
GASOMETER
RETORTS
WATER TANK
OPEN TANKS
CONDENSERS
PURIFIERS
OXIDE BOXES
WASHERS
SCRUBBERS
EXPOSED PIPE TO BOMBING
ALL MOVED PRIOR TO BOMBING
NEW CONST.
COKE BREAKER
SCREENING BARN
STORAGE PITS
PROPOSED FILTERING PLANT
SAME TRUSS AS #172
SCALE 1/8
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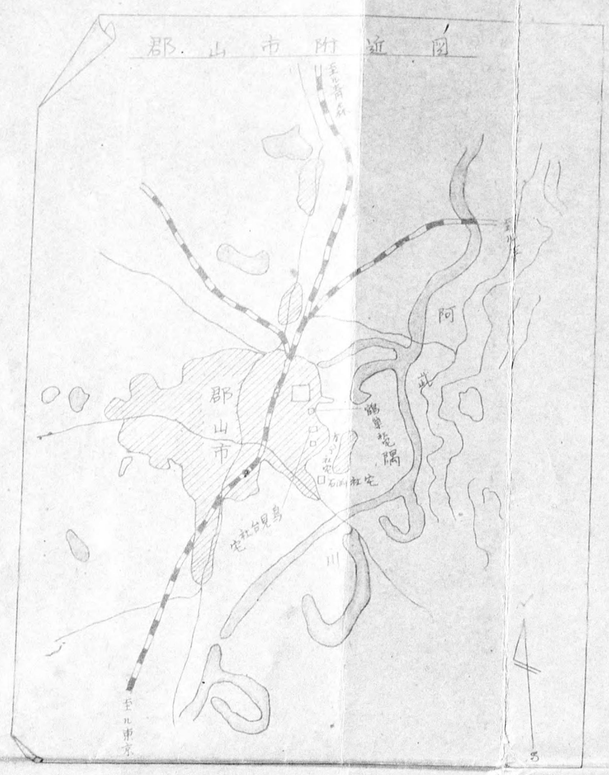
郡山市附近図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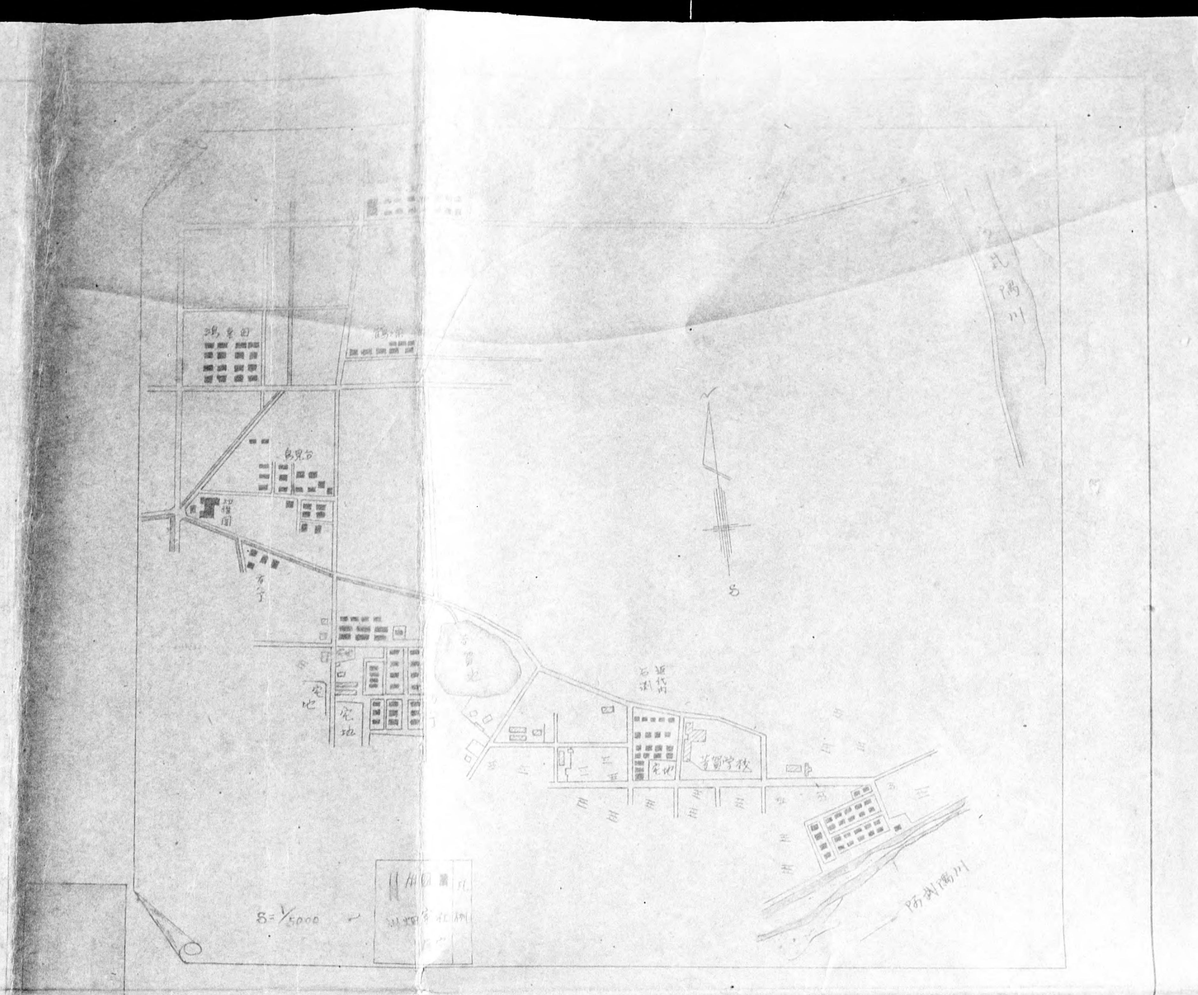
阿武隈川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S=1/5000
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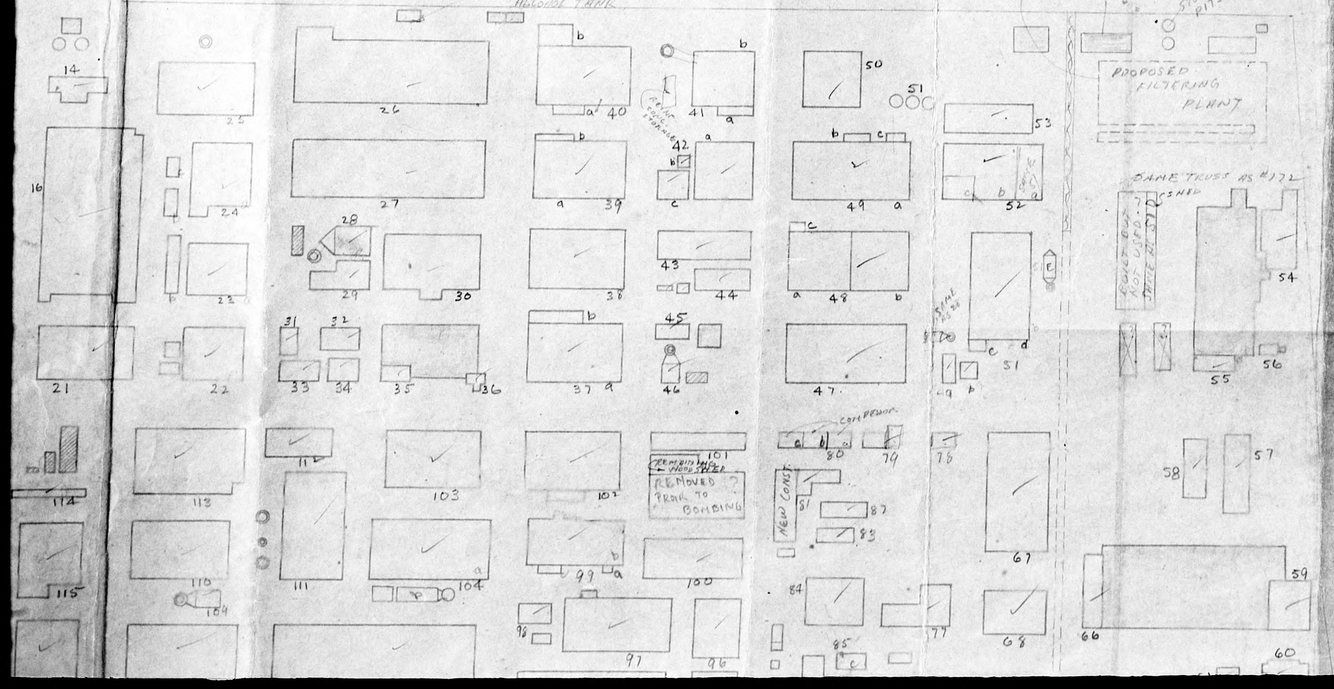

MACADAM TARMAC
SETTLING BASIN
STORAGE PITS
PROPOSED FILTERING PLANT
SAME TRUSS AS #172
REMOVED PRIOR TO BOMBING
NEW CONST.
COMPRESSOR

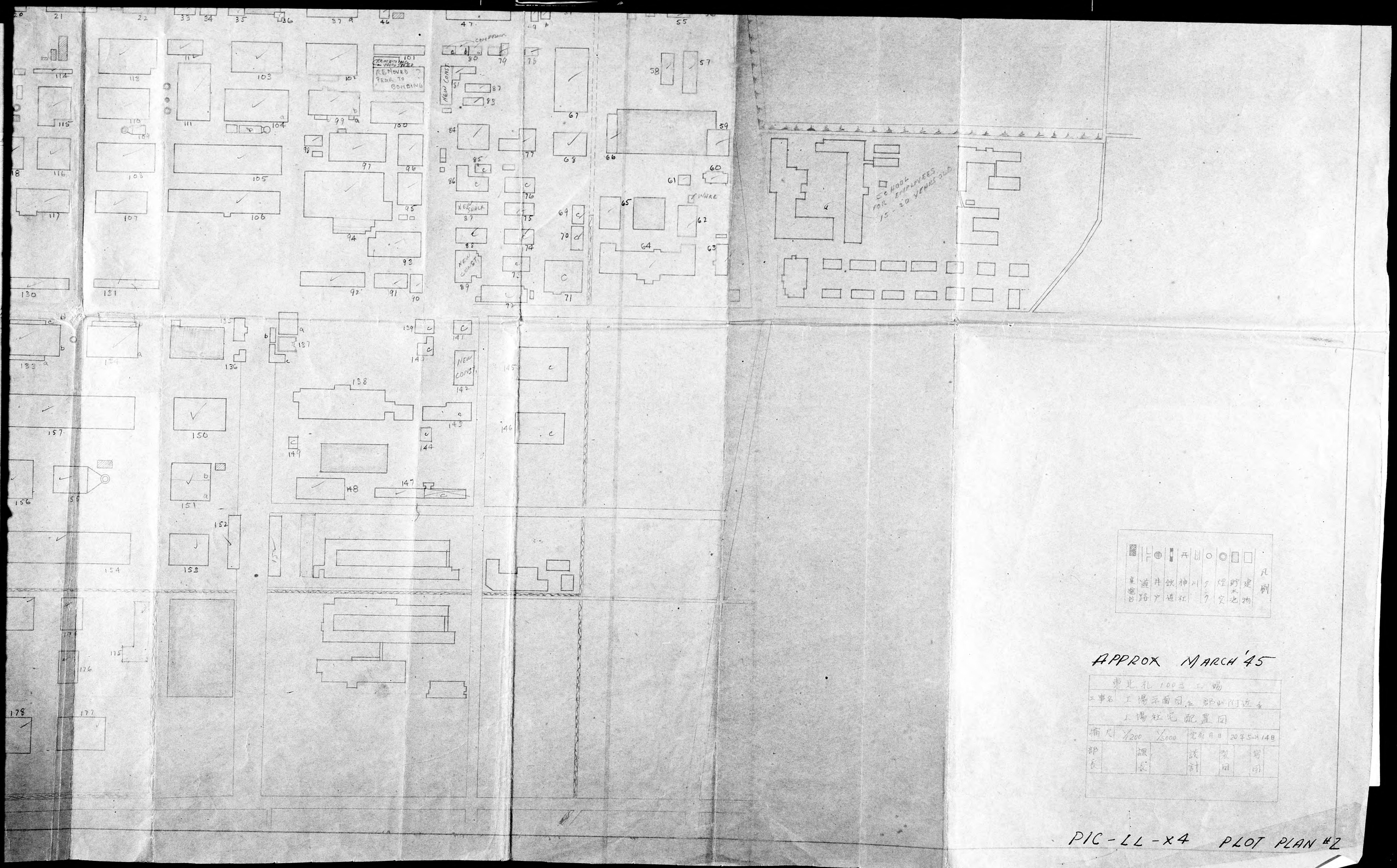
REMOVED PRIOR TO BOMBING

REMOVED PRIOR TO BOMBING ?

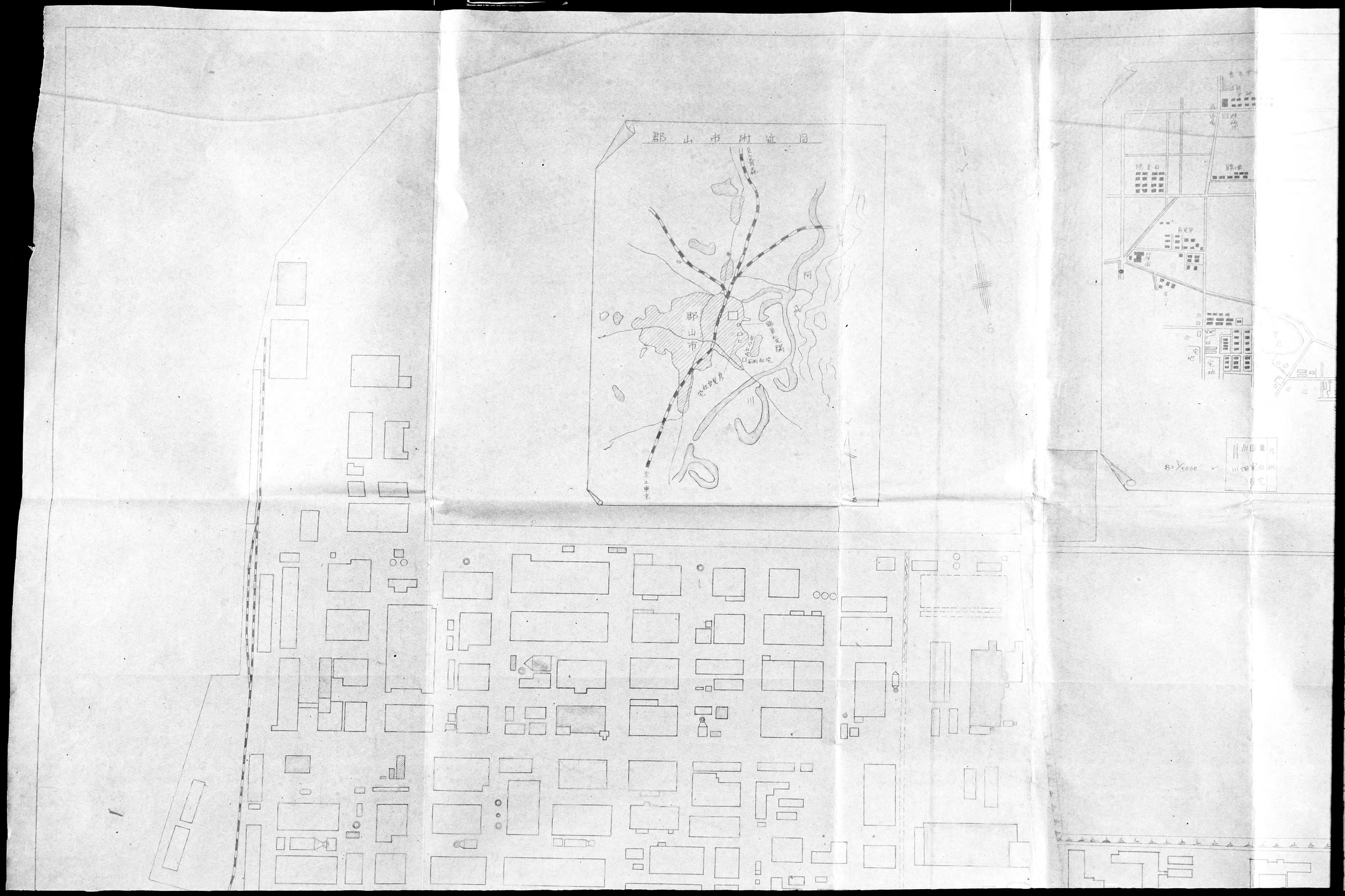
NEW CONST.

NEW CONST.

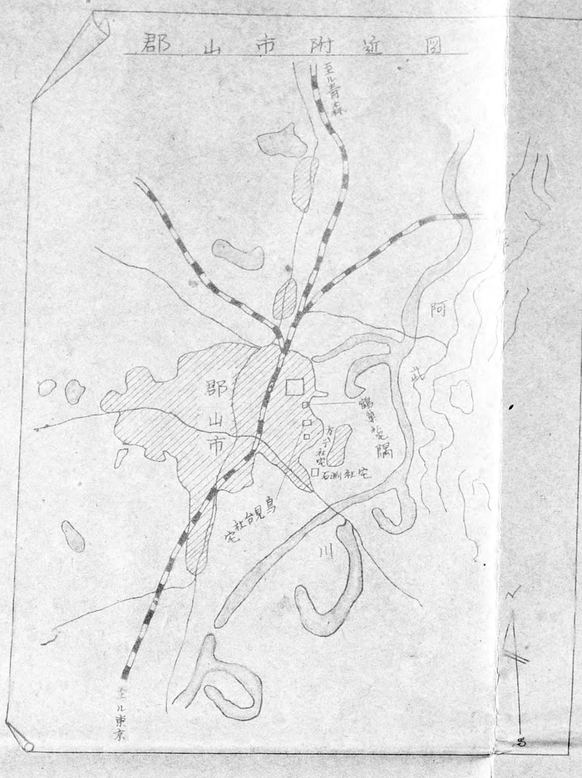
NEW CONST.

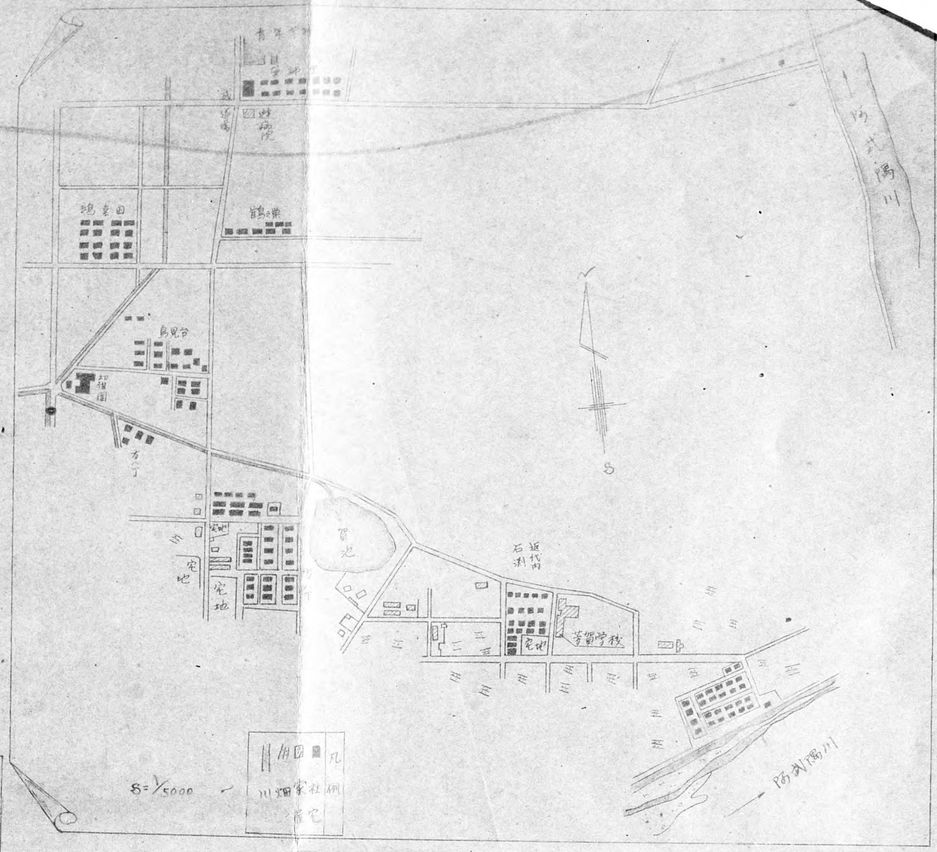


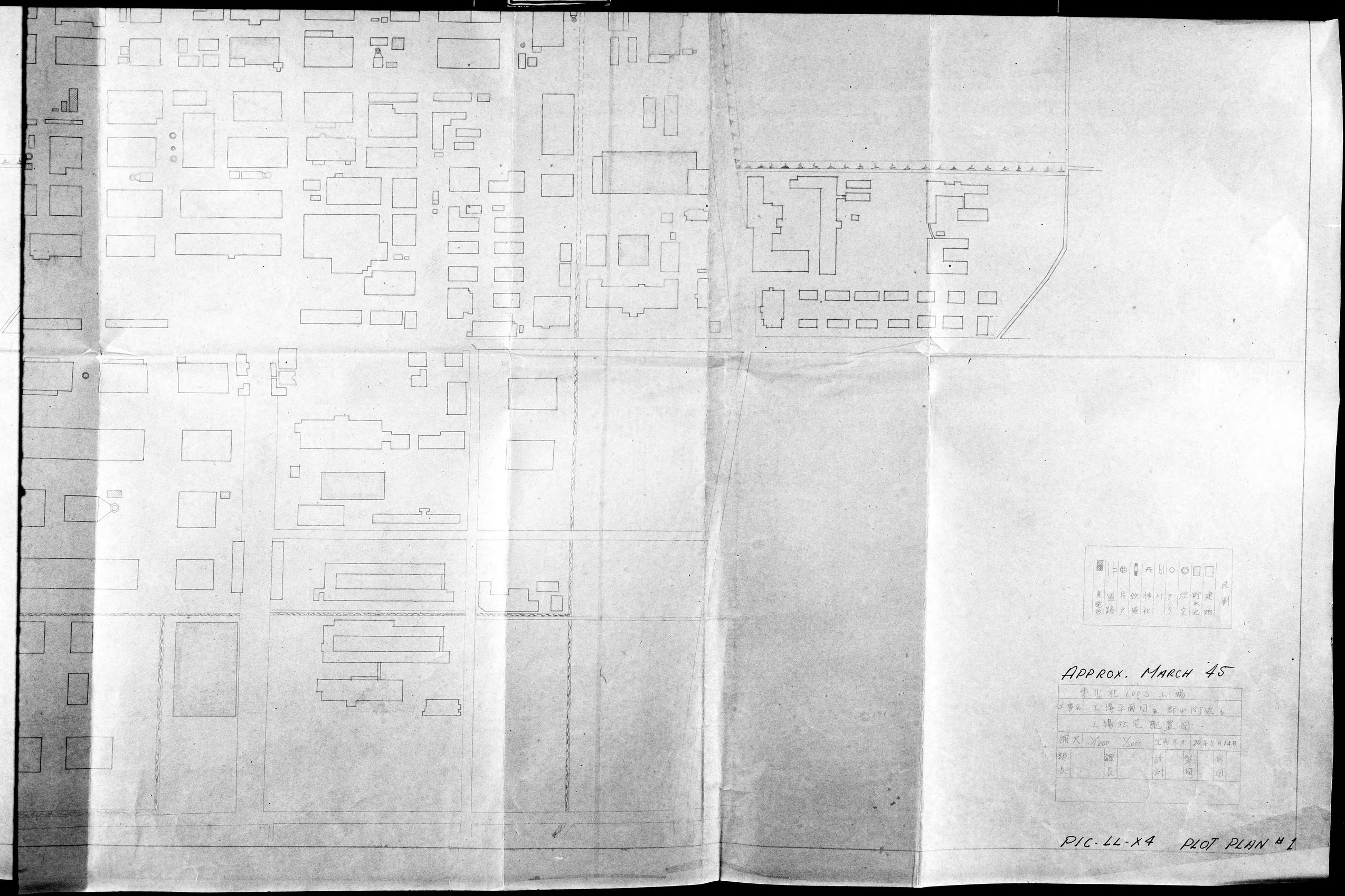
COMPRESSOR
REMOVED PRIOR TO BOMBING
NEW CONST.
NEW SHACK
NEW CONST.
NEW CONST.
WARE
SCHOOL FOR EMPLOYEES 15-20 YEARS OLD
凡例
建物
貯水池
煙突
タンク
川
神社
鉄道
井戸
道路
東電台
APPROX MARCH '45
東北礼 1003 工場
工事名 工場平面図 在 郡山附近 を
工場社宅配置図
縮尺 1/1200 1/5000
20年5月14日
部長
課長
設計
製図
寫図
PIC-LL-X4 PLOT PLAN #2


郡山市附近図
郡山市
阿
川
S=1/5000

郡山市附近図







PIC-LL-X4 PLOT PLAN #1

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE		REMARKS
FLOOR	TYPE	THICKNESS	
FLOOR	TYPE	THICKNESS	
WALLS	TYPE	THICKNESS	
ROOF MATERIAL	TYPE	THICKNESS	
TRUSS	TYPE	SPAN	
CRANES NO.	TYPE	LOAD CAPACITY	
MACHINERY REMOVED TO		REASON	
REPAIRS AND CLEARANCES			
NEW CONSTRUCTION			

NAME OF PLANT		
TYPE OF INDUSTRY		
CITY	TARGET NO.	BLDG. NO.
LAT.	LONG AREA	
INTEL. SUBJECT NUMBER		DATE
PHOTOGRAPHY		ROLL - NEG NUMBER
INTERIOR	EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED
STRUCTURAL DAMAGE
SUPERFICIAL DAMAGE
ROOF DISTURBANCE
MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

BLDG. NUMBER

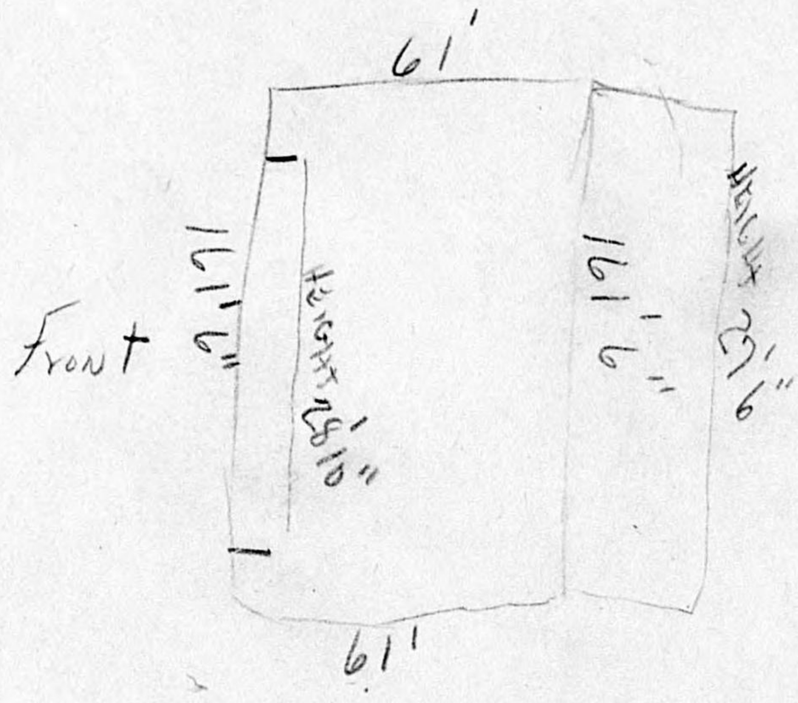
SHEET OF

HODOGAYA FACTORY

Production stopped for a month after bombing. Now only 10% of the entire factory is being used. Aviation gas was produced up to Aug 45 in 1945.

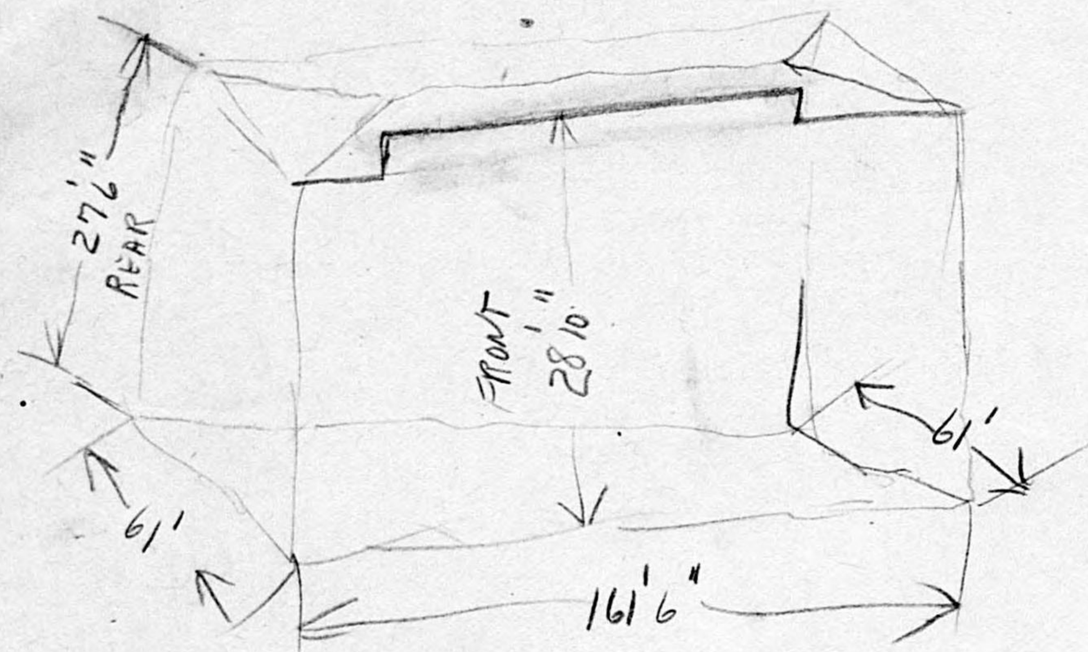
auditorium

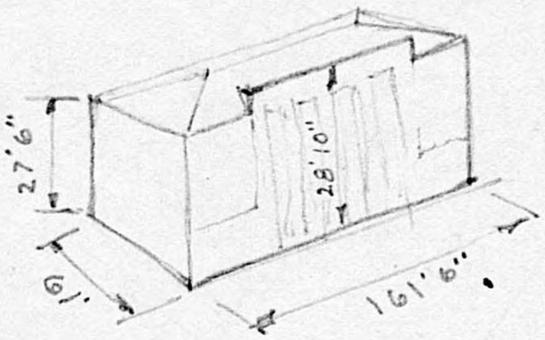
161' 6" LENGTH
27' 6" HEIGHT (REAR)
61' WIDTH
28' 10" HEIGHT (FRONT)



51,000	51,000	
92,400	38,160	
73,200		
	69,960	

ADM. BLDG.
2025





NEGISHI TADAKICHI

Manager

FUKUSHIMA KEN, ASAKA GUN

FUKUYAMA MACHI

1. FUKUWARA AZA SHŌJIMA

KORIYAMA 12.01 — OFFICE TEL. (CONNECTED TO HOME)

YAGINUMA, KAHI (NO TEL.)

FUKUSHIMA KEN, ADACHI GUN

NIHON MATSU MACHI

AZA TAKEDA

Stable fiber - Sulphuric acid
glass fiber - asbestos
rock fiber

Assistant Manager

TAKŌ, TARŌ

FUKUSHIMA KEN, SHIRAKAWA SHI,
KAKUNAI 120 BANCHI

SATŌ, KAZUYA

Head Technician

FUKUSHIMA KEN, KORIYAMA SHI
YOKOTSUKA TORIMIDAI
20 BANCHI

N-170

HODOGAYA FACTORY

DIES ← 8 removed

ナバヤダイ

187 dead

about 60

160 others

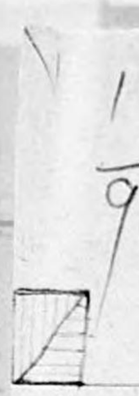
→ other factory workers plumbers, carpenters

MANAGER

KAWANO, SUKEICHI

KORIYAMA SHI, TANISHIMA

TEL | 1230
1
2
3
4
5



.162 x .044
201 x 54.6 = 10,980 #
3.28

84 00

1 meter = 39.37"

1 ~~Sq~~ meter = ~~10.86~~ # (10.76 #)

3.28 | 12 | 39.37 | 3.28
3.28 | | 36 | 32
26 24 | | 33 | 26 24
756 | | 24 | 656
0 84 | | 97 | 984
10.86 | | 96 | 10.7584
3.28 | | (10.7584) |

9851 | 8400 # | 1.17
5570 | 5000 | 1.11
10980 | 9500 | 1.155

48,740 m² = 4,825,000 #
30,032 = 323,000 #
(31,132 = 334,700 #)

FIGURES FROM
JAP. "REPORT OF ENTERPRISE"

#16

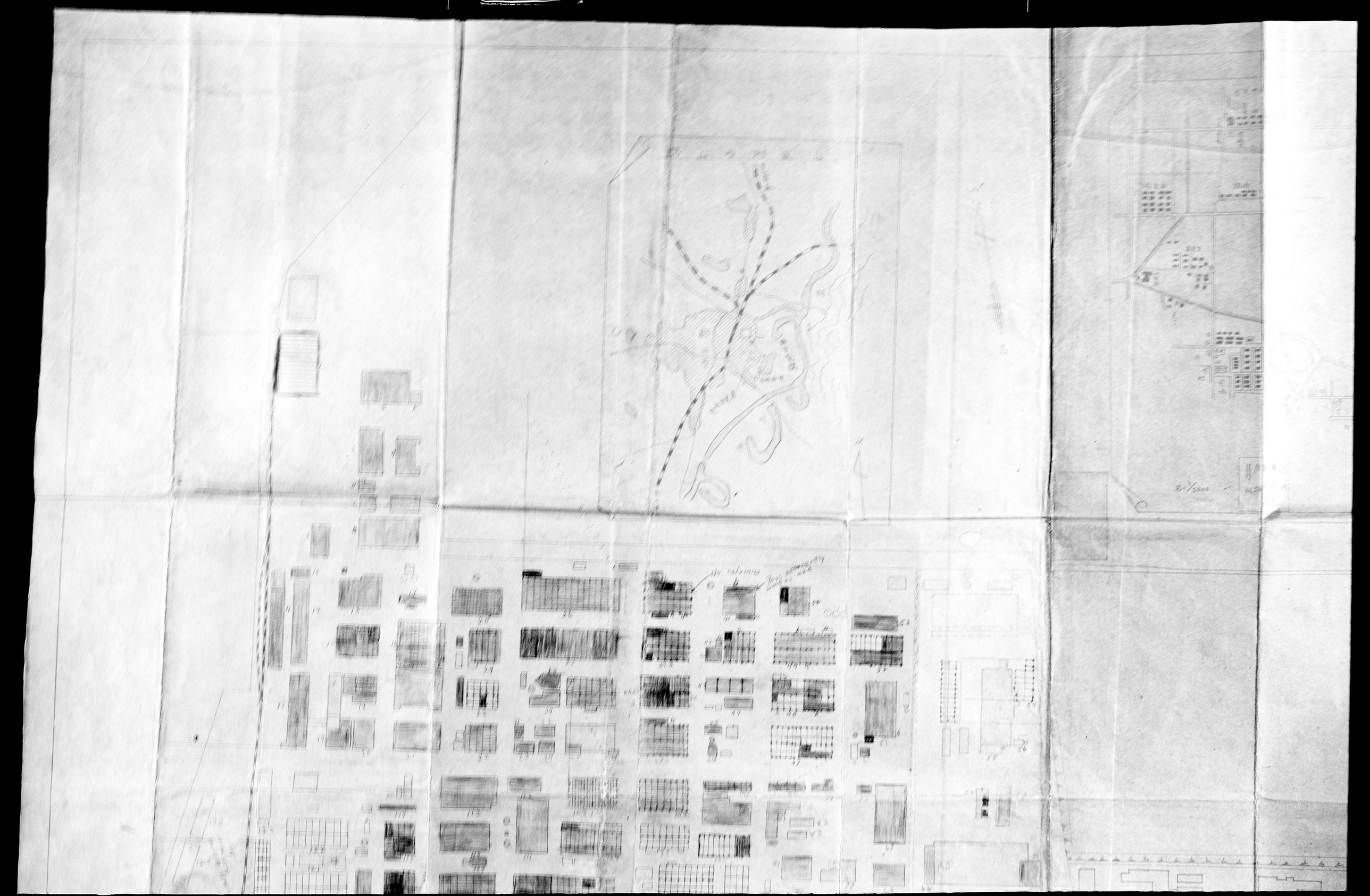
25
164

161.5
61
161 5
9690
9851 # ADM. BLDG.

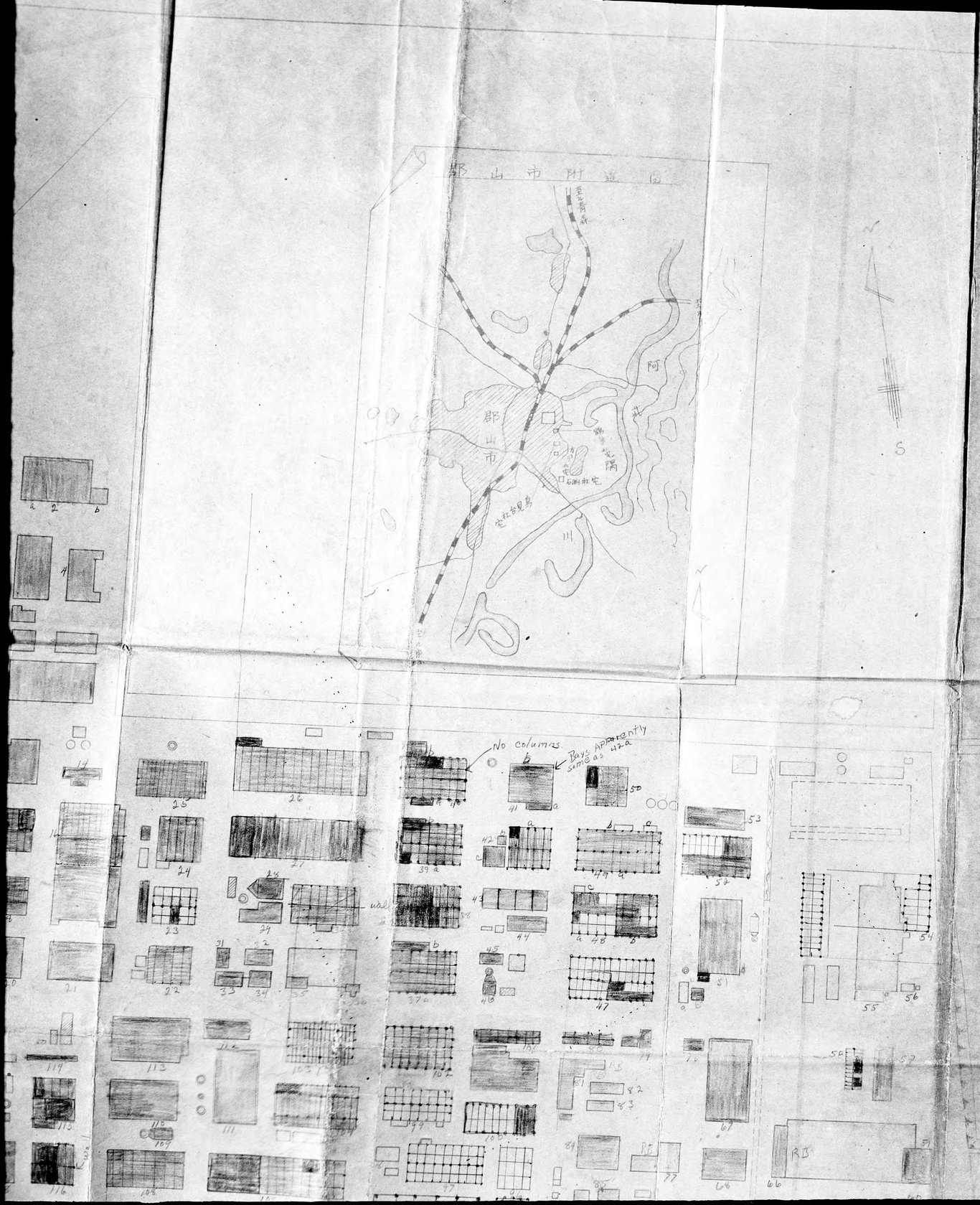
SITE
BUILT UP.

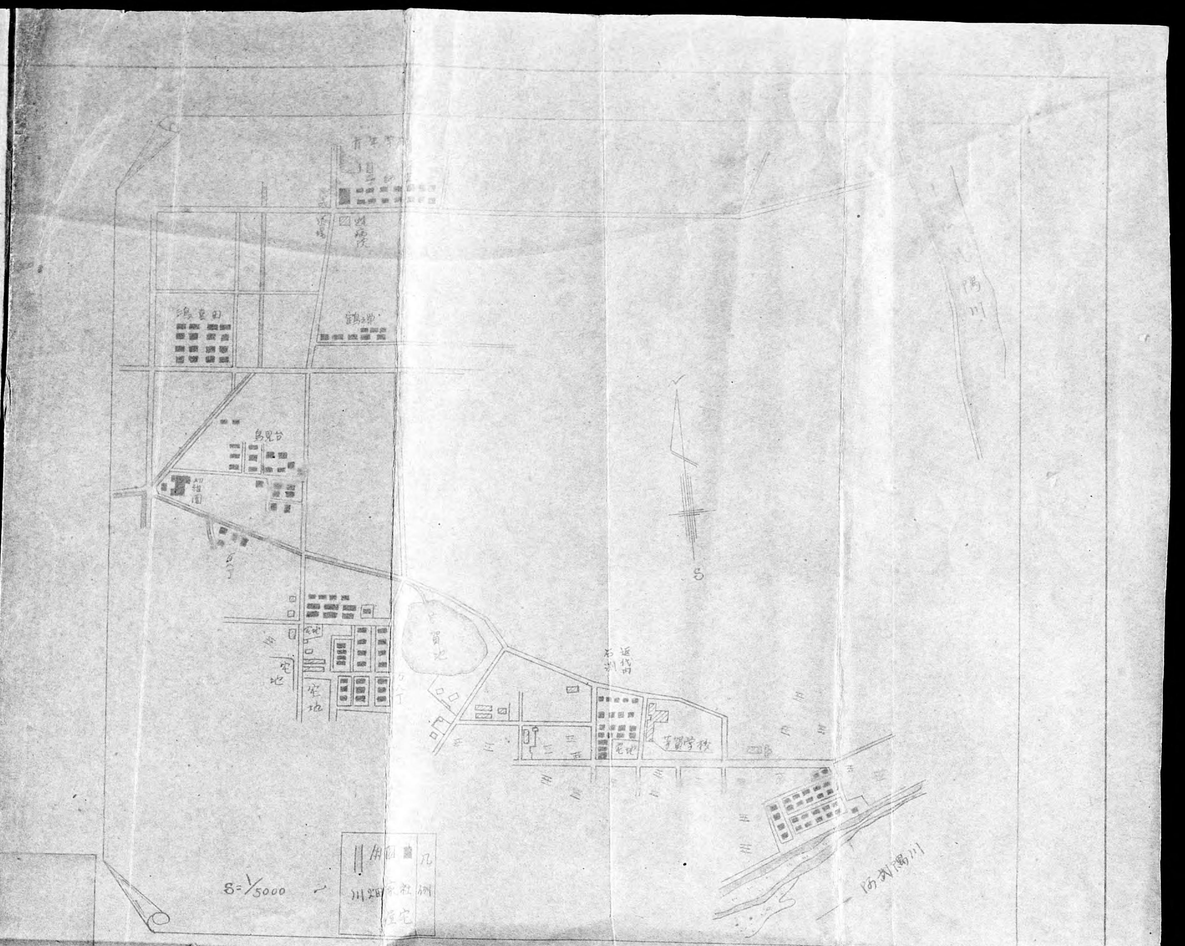
30032
13072
661
1071
602
4942
50,380 M²
540,000 SQ. FT.

.15
.145
3435



By HR-A NARA Date 3/6/91





- 2 floor
2 center rows
Columns not on 2nd floor

well

USE CORRE
FACTOR OF
WITH GRID

floor
center rows
Columns not on 2nd floor

APPROX MARCH '45

SCALE
1/1240

USE CORRECTION
FACTOR OF 1.145
WITH GRID

| | | |

UNITED STATES STRATEGIC BOMBING SURVEY
(PACIFIC)

PHOTO-INTELLIGENCE CENTER
PHOTO-INDUSTRIAL SECTION

Third Level Report No._____
Page No._____

INDUSTRY: CHEMICAL

NAME OF TARGET: HODOGAYA CHEMICAL INDUSTRIES CO.

TARGET NUMBER: 90.10 · 2025

LOCATION: KORIYAMA LAT. 37/24 N LONG. 140/24 E

SOURCES OF DATA:

FIELD DATA
CIU XXI BOM. COM. D/A REPORT No. 41

SUMMARY:

DESCRIPTION OF TARGET:

GENERAL REMARKS:

UNITED STATES STRATEGIC BOMBING SURVEY
(PACIFIC)

PHOTO INTELLIGENCE CENTER
PHOTO INDUSTRIAL SECTION

Third Level Report No._____
Page No._____

(A) F/A - FUNCTIONAL ANALYSIS

1. USE OF PLANT:

Reported: TETRAETHYL LEAD

Actual: TETRAETHYL LEAD

2. BOUNDARIES:

3. BUILDING IDENTIFICATION: (See F/A Table

4. SUMMARY OF TABULATION:

5. SUMMARY OF REMARKS:

6. SOURCES OF INFORMATION: (Both Reported and Field Data).

UNITED STATES STRATEGIC BOMBING SURVEY
(PACIFIC)

PHOTO-INTELLIGENCE CENTER
PHOTO-INDUSTRIAL SECTION

(B) S/A - STRUCTURAL ANALYSIS:

1. Check on scale measurement:

MAIN PORTION OF ADMINISTRATION BUILDING — 161'-6" x 61' x 27'-6"
HEIGHT TO TOP OF FRONT PARAPET — 28'-10"

SCALE OF DRAWING #3: 1/1240

2. S/A (See S/A Table)

3. SUMMARY OF TABULATION:

4. SUMMARY OF REMARKS:

5. SOURCES OF INFORMATION (Both Reports and Field Data)

UNITED STATES STRATEGIC BOMBING SURVEY
(PACIFIC)

PHOTO INTELLIGENCE CENTER
PHOTO INDUSTRIAL SECTION

Third Level Report No._____
Page No._____

(C) D/A - DAMAGE ASSESSMENT:

1. (See D/A Table)

2. SUMMARY OF TABULATION:

	STRUCTURAL		SUPERFICIAL		TOTAL DAMAGE	
	SQ. FT. OF DAMAGE	%	SQ. FT. OF DAMAGE	%	SQ. FT.	%
C I U	228,775	29.5	229,200	29.5	457,975	59
ACTUAL						

3. SUMMARY OF REMARKS:

4. EFFECTS OF RAIDS ON PRODUCTION (If available):
ALL PRODUCTION CEASED FOR 30 DAYS AFTER RAID OF 12 APRIL '45. PRODUCTION OF TETRAETHYL LEAD WAS THEN RESUMED AND CONTINUED THROUGH AUG. 14, '45.
IN NOV '45 ONLY 10% OF THE FACTORY WAS BEING USED.

5. SOURCES OF INFORMATION: (Both Report and Field Data)

Report written by: _____

Date;_____

PIC-LL-X4
BLDG. SCHEDULE

#1

BLDG.	FUNCTION	CONST.	PRESENT CONDITION	REMARKS	SHEET
1	WHRE.	W	EXISTING		1
2	SODIUM BISULFATE STORAGE		DESTROYED		—
3	ZINC CLORIDE PRODUCED		"		—
4	" " "		"		—
5	OFFICE & REST ROOMS		"		—
6	ZINC CLORIDE PRODUCED		"		—
7	" " "		"		—
8	HIGH OCTANE INGIDEINTS		PARTIALLY CLEARED		—
9	WHRE.		DESTROYED		—
10	ALCOHOL STORAGE TANK		CLEARED		—
11	WHRE.		"		—
12	WHRE.		"		—
13	HYDROCHLORIC ACID PRODUCED		DESTROYED	STEEL FRAME for EQUIP. EXISTING	1
14	PUMP ROOM		DAMAGED	PARTIALLY DESTROYED	1
15	SODIUM HYDROXIDE PRODUCED	S			2
16	ELECTROLYSIS of SODIUM CHLORIDE	W			3
17	WHRE.	W			4
18	COMPONENTS of SODIUM CHLORATE	W & S		STEEL TRUSSES - WOOD PURLINS	5
19	PURIFICATION of SODIUM CALORATE	W			4
20	" " "	W	DESTROYED		4
21	ELECTRIC GENERATOR		CLEARED		—
22	TETRAETHYL LEAD STORAGE TANKS	S	DAMAGED	STEEL FRAME - WOOD ROOF	6
23	DRUM CLEANING	W			6
24	OIL PURIFICATION	S			6
25	BOILER ROOM	W			7
26	ETHYL CHLORIDE PRODUCED	W & S	DAMAGED		8
27	TETRAETHYEL LEAD PRODUCED	W & S			8
28	DISPOSING of FUMES		CLEARED		—
29	REST ROOMS		CLEARED		—
30	TETRAETHYL LEAD PURIFICATION	W & S.			30
31	MACHINERY REPAIR		CLEARED	NEW CONST. ON OLD FOUNDATION	—
32			"		—
33			"		—
34			"		—
35	SODIUM CHLORIDE DRYING		"		—
36	PUMP ROOM		"		—
37	a TETRAETHYL LEAD PRODUCED	C. & S.			19
	b REFRIGERATION FOR TETRAETHYL				—
38	LEAD SODIUM ALLOYS	C & S.			19
39	SAME AS BLDG. # 37	C & S.			19
40	a ETHYL CHLORIDE PRODUCED	C & S			19
	b ALCOHOL PREPERATION				—
41	a REST ROOMS				9
	b ETHYLENE GAS PRODUCED	S			—
42	a ETHYLENE BROMIDE PURIFICATION	S			9
	b GASOMETER		DESTROYED		—
	c. CATALYST PRODUCED		"		—
43	ETHYLENE & ETHYLENE BROMIDE	C	EXISTING		10

BLDG	FUNCTION	CONST.	PRESENT CONDITION	REMARKS	SHEET
44	WHRE.	W	DESTROYED		10
45	LEAD MELTING		CLEARED		—
46	DISPOSING OF FUMES	W.			31
47	FOUNDRY	S			11
48	a ETHYLENE GAS PRODUCED	C & S.			19
	b EXPERIMENTAL				—
49	a ETHYLENE BROMIDE PURIFICATION	W & S			16
50	BROMIDE WHRE.	S	DAMAGED		12
51	a REST ROOMS	W	DESTROYED		13
	b " "	W			—
	c " "				—
	d HYDROCHLORIC ACID PRODUCED				—
	e DISPOSING OF FUMES				—
52	HYDROCHLORIC ACID PRODUCED	W			13
53	SODIUM BI SULFATE STORAGE	W			12
54	LUMBER MILL	W			13
55	PUMPS	W			13
56	TRANSFORMERS.				—
57	OBSOLETE VALVE & PUMP HOUSE				—
58	ELEC. EQUIP REPAIR & STORAGE	W			13
59	WATER METERS		EXISTING.		14
60	WHRE		CLEARED		—
61	"		"		—
62	CHEMISTRY SCHOOL		"		—
63	LIBRARY		"		—
64	LAB.		"		—
65	LAB. EXTENSION		"		—
66	PUMP HOUSE		EXISTING		14
67	WHRE.		DESTROYED		—
68	LAB. EQUIP. REPAIR		"		—
69	WHRE.		CLEARED		—
70	"		"		—
71	"		"		—
72	MATERIAL WHRE.		"		—
73	NOT USED		"		—
74	PARTS REPAIR SHOPS		"		—
75			"		—
76			"		—
77	ELECTRIC GENERATORS		"	WOOD CONST. ON OLD FOUNDATION	14
78	REST ROOMS		DESTROYED		—
79	EXTRACT LEAD FROM LEAD OXIDE		"		—
80	NOT USED	C.& S.		NOT USED	10
81	PRODUCED SODIUM SULFIDE		CLEARED	NEW WOOD CONST. OLD FOUNDATION	14
82			DESTROYED		—
83			"		—
84	WHRE.		"		—
85	WOOD EQUIP. REPAIR		CLEARED		—
86	" " "		"		—
87	REST ROOMS		"	NEW CONST. ON OLD FOUNDATION	14
88	" "		CLEARED		—
89	OFFICE FOR REPAIR SHOPS		"	NEW CONST. ON OLD FOUNDATION	14
90	FIRE EQUIP. HOUSE		CLEARED		—

#3

BLDG	FUNCTION	CONST.	PRESENT CONDITION	REMARKS	SHEET
91	WHRE.		CLEARED	WOOD SHED ON OLD FOUNDATION	15
92	"	C. & W.			15
93	REASSEMBLYING OF PARTS		CLEARED	NEW CONST. ON OLD FOUNDATION	15
94	SODIUM CHLORATE PURIFICATION	S			16
95	FOUNDRY	W			17
96	PIPE FITTING SHOP	W			17
97	SODIUM CHLORATE PRODUCED	S			16
98	ELECTRODE REPAIR	W			18
99	a. GAS DISPOSAL	W			16
	b SAME AS #97	S			—
	c REST ROOMS	W.			—
100	ELEC. GENERATORS & TRANS.	W. & S.			18
101	PUMPING & REFRIGARATORS	C. & S.	EXISTING		10
102	ETHYL CHLORIDE PRODUCED	C. & S.			19
103	" " "	W			20
104	a. TETRAETHYL LEAD PRODUCED	S			21
	b DIPOSAL OF FUMES	W			—
105	SAME AS 104				8
106	DESPENSARY & BATHS		CLEARED		—
107	BATH HOUSE		CLEARED	WOOD SHED ON OLD FOUNDATION	23
108	SAME AS 104	W & S.			30
109	FUMES DISPOSAL		DESTROYED		—
110	TETRAETHYL LEAD PURIFICATION		"		—
111	BOILER HOUSE				22
112	COAL STORAGE				—
113	METALLIC SODIUM		CLEARED		—
114	DUMP CART STORAGE	W			22
115	LEAD & SODIUM ALLOYS PRODUCED	W & S			6
116	" " " "	S			22
117	MESS HALL	W			23
118	CONSTANT TEMP CONTROL		CLEARED		—
119	MESS & ASSEMBLY HALL	W			24
120	TETRAETHYL LEAD PRODUCED	W. & S.			30
121	FUMES DISPOSAL	W			31
122	SAME AS 120	W. & S.			30
123	SULFURIC ACID STORAGE TANK	W		WOOD SHED OVER TANK	4
124	WHRE.	W			4
125		W			4
126		W			25
127	LEAD WHRE.	STONE & W.	EXISTING		26
128	OFFICE	W			26
129	WHRE.	W	EXISTING		26
130	LOCKER ROOM	W			26
131	WHRE.		CLEARED		—
132	ETHYL CHLORIDE PRODUCED	W & S			33
133	a LOADING				36
	b HYDROCHLORIC ACID PRODUCED	W			36
	c LOADING				—
	d FUME DISPOSAL				—
134	a LEAD SODIUM ALLOY		CLEARED	WOOD BLDG. ON OLD FOUNDATION	26
	b DUMP CHART SHED				—
135	OFFICE	W	EXISTING		27
136	TRUCK CHECK POINT	W	EXISTING		27

4

BLDG	FUNCTION	CONST.	PRESENT CONDITION	REMARKS	SHEET
137	a & b OFFICES	W	EXISTING		27
	c GUARD HOUSE	W	"		—
138	ADMINISTRATION	W	EXISTING	EAST WING CLEARED	27
139	GARAGE		CLEARED		—
140	"		"		—
141	REST ROOM		"		—
142	" "		"		—
143	CLUB HOUSE		"	NEW CONST. OLD FOUNDATION	14
144	OFFICE SUPPLY WHRE.		"		—
145	NOT USED		"		—
146	" "		"		—
147	REST ROOMS.		"		—
148	OFFICE SUPPLIES WHRE.		EXISTING	1/2 OF BLDG. CLEARED	14
149	GUARD DOG HOUSE		"		14
150	LEAD SODIUM ALLOY PRODUCED	W	CLEARED		—
151	a ICE MACHINE	W	EXISTING		28
	b CONSTANT TEMP. CONTROLS				29
152	BICYCLE STORAGE	W			—
153	SALVAGE DEPOT	W			43
154	TETRAETHYL LEAD PRODUCED	W & S			36
155	FUMES DISPOSAL	W	EXISTING		30
156	TETRAETHYL LEAD PURIFICATION	W			31
157	SAME AS 154	W & S	EXISTING		32
158	ETHYL CHLORIDE PRODUCED	W & S.			30
159	SULFURIC ACID STORAGE			3 TANKS	33
160	a ALCOHOL TANK			CONC. PIT.	34
	b " "			REVETTED STEEL TANK	34
161	NUMBER OMITTED				34
162	WHRE.		DESTROYED	BY FIRE AFTER BOMBING	—
163	DIETHYL PHENOLAMINE PRODUCED	W			37
164	BOILER HOUSE	W			35
165	} WHRE	W			36
166		W			37
167		W			37
168	CASTINGS	W			37
169	SODIUM CHLORIDE PRODUCED	W & C.			38
170	PUMP ROOM	W			39
171	" "	W			40
172	HYDROCHLORIC ACID PURIFICATION	W			40
173	" " PRODUCED	W			40
174	ELECTRIC GENERATORS	W			41
175	GENERAL REPAIR SHOP	W			42
176	NOT USED	W			43
177	SODIUM HYDROXIDE CONSENT'N.	W			43
178	" " "	W		FLAKE CONSENTRATIONS	43
				LIQUID "	44

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
ROOF MATERIAL	TYPE	THICKNESS
TRUSS	TYPE	SPAN
CRANES NO.	TYPE	LOAD CAPACITY
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT	
TYPE OF INDUSTRY	
CITY TARGET NO.	BLDG. NO.
LAT. LONG AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED
STRUCTURAL DAMAGE
SUPERFICIAL DAMAGE
ROOF DISTURBANCE
MINOR DAMAGE

136
99
45

137
45
182

GENERAL NOTES - SECTIONS - PLANS - ETC -

102 - ETHYEL CLORIDE PRODUCED
103 - " " "
104 a - TETRAETHYEL LEAD PRODUCED
b - SAME AS #28
105 - SAME AS 104
106 - DESPENSARY & BATHS
107 - BATH HOUSE
108 - SAME AS 105
109 - SAME AS 28
110 - TETRAETHYEL LEAD PURIFICATION
111 - BOILER HOUSE
112 - COAL STORAGE
113 - METALLIC SODIUM (NOT PRODUCING)
114 - ~~PUSH~~ DUMP CARTS & GARAGE (TRANSFORMERS NORTH)
115 - LEAD & SODIUM ALLOYES PRODUCED
116 - " " "
117 - MESS HALL
118 - CONSTANT TEMP. FOR TEMP STORAGE
119 - 1st FL MESS HALL
2nd FL ASSEMBLY HALL
120 - TETRAETHYEL LEAD PRODUCED
121 - FUMES DISPOSAL
122 - SAME AS 120
123 - SULFURIC ACID STORAGE TANK
124 } WHSE.
125 }
126 }

127 - LEAD WHSE.
128 - OFFICE
129 - WHSE. (OFFICE TO EAST)
130 - LOCKER ROOM
131 - WHSE (EAST 1/3 REMOVED PRIOR TO BOMBING)
132 - ETHYEL CHLORIDE
133 a - LOADING
b - SAME AS 51D
c - LOADING
d - FUME DISPOSAL
~~134~~
134a - LEAD SODIUM ALLOY
b - 114
135 - OFFICE
136 - TRUCK CHECK POINT
137 a } OFFICE
b }
c } GUARD HOUSE
138 - ADM.
139 - GARAGE
140 - "
141 } REST ROOMS
142 }
143 - CLUB HOUSE
144 - OFFICE SUPPLY WHSE.
145 } NOT USED
146 }
147 - SAME AS #142
148 - WHSE - OFFICE SUPPLIES
149 - DOG HOUSE FOR GUARD DOGS.
150 - LEAD SODIUM ALLOY PRODUCED
151 a ICE MACHINE (REFRIGERATION)
b - SAME AS #118

BLDG. NUMBER

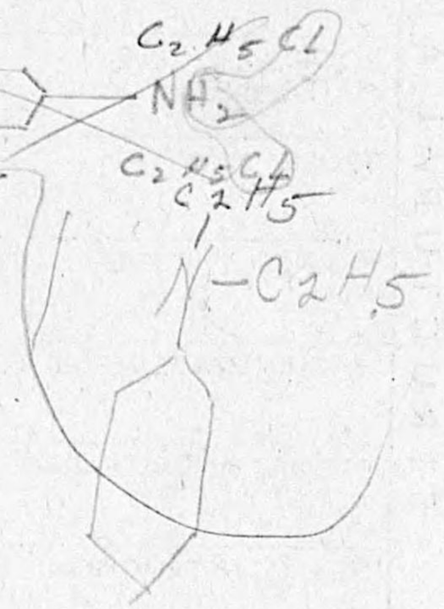
SHEET OF

F

1 - WHRE.
2 a - SODIUM BI SULFATE STORAGE
b - STACK
3 - ZINC CLORIDE PRODUCED (CATALYST)
4
5 ALL CONTRIBUTED TO MAKING
6 ZINC CLORIDE IN #3
7 #5 REST ROOMS & OFFICE
8 1/2 NAPHTHALENE POLY-CHLORIDE
~~9~~ 1/2 HIGH OCTANCE INGREDIENT.
9 - WHRE.
10 - ALCOHOL TANK (STORAGE)
11 } WHRE. (EXT. #11)
12 }
13 - HYDOCIORIC ACID
14 - PUMP ROOM
15 - SODIUM HYDROXIDE
16 - ELECTROLYSIS OF SODIUM CHLORIDE
17 - WARE.
18 - ~~SODIUM CHLORIDE~~ MIXING COMPONENTS OF SODIUM CHLORATE
OFFICE 2ND FLOOR
19 - PURIFICATION OF SODIUM CHLORATE
20 - " " " "
21 - ELECTRIC GENERATOR
22 - TETRAETHYEL LEAD STORAGE TANKS. (OFFICES ON SIDE)
23 - DRUM CLEANING
24 a OIL PURIFYCATION
b }
c } STORAGE OF BY PRODUCTS (RESERVOIRS)
25 - BOILER ROOM.
26 - ~~C_2H_5~~ ETHYEL CLORIDE PRODUCED
27 - TETRAETHYEL LEAD PRODUCED
28 - DEPOSING OF FUMES (TRANSFORMER) TO EAST
29 - REST ROOMS
30 - TETRAETHYL LEAD PURIFICATION
31 } MACHINERY REPAIR
32
33
34 }
35 - SODIUM CHLORIDE DRYING
36 - PUMP ROOM
37A " 27 SAME
~~36~~ REFRIGERATION FOR TETRAE. LEAD
38 LEAD SODIUM ALLOYES
39 a } SAME AS 37 a & b
b }
40 a ~~HYDROGEN~~ ETHYL CHLORIDE PRODUCED
b ALCOHOL PREDERATION
41 a REST ROOMS
b ETHELYLENE GAS PRODUCED
42 a ETHELYLENE BROMIDE PURIFICATION
b GASOMETER
c ~~WHRE~~. CATALYST PRODUCED
43 1/2 ETHYLENE PRODUCED (EAST)
1/2 " BROMIDE (WEST)
44 WHRE.
45 LEAD MELTING
46. SAME AS #28
47. POURING OF INGOTS

48a - ETHELYENE GAS PRODUCED
b - EXPERIMENTAL
c - REST ROOMS
49 a - ETHELYENE BROMIDE PURIFICATION
b c } REST ROOMS.
50 WHRE (BROMIDE)
GASOMETERS (WEST)
51 a. REST ROOMS
b - " " & OFFICE WORKERS
c " "
d HYDROCLORIC ACID PRODUCED
e SAME AS #28
52 a HYDROCHLORIC ACID
b. NOT USED
c. PUMPS.
53 - STORAGE FOR SODIUM BI SULFATE
54 - LUMBER MILL
55 - PUMPS
56 - TRANSFORMERS
57 - ELEC. EQUIP. REPAIR
58 - MOTOR STORAGE.
59 - WATER METERS
60 - WHRE.
61 - "
62 - CHEMISTRY SCHOOL
63 - LIBRARY
64 - LAB.
65 - LAB. EXTENSION
66 - PUMP HOUSE
67 - WHRE.
68 - LAB. EQUIP. REPAIR
69 - } WHRE.
70 }
71 - "
72 - MATERIAL WHRE
73 - NOT USED
74 }
75 } REPAIR SHOPS (PARTS)
76 }
77 - ELECTRIC GENERATORS
78 - REST ROOMS
79 - EXTRACT LEAD FROM LEAD OXIDE
80 - NOT USED
81 } SODIUM SULFIDE PRODUCED
82
83 }
84 WHRE
85 }
6 } WOODS REPAIR
7 } REST ROOMS
8 " "
89 OFFICE FOR REPAIR SHOPS.
90 ~~WHRE~~ FIRE HOUSE
91 } WHRE
92 }
93 - REPAIR SHOP (REASSEMBLY OF PARTS)
94 - SODIUM CHLORATE PURIFICATION
95 - MELTING POTS FOR LEAD
96 - PIPE FITTING
97 - SODIUM CHLORATE PRODUCED
98 - ELECTRODE REPAIR
99b - SAME #97
a GAS DISPOSAL
c REST ROOMS.
100 - GENERATORS & TRANSFORMERS
101 - PUMPING & REFRIGATORS (WEST 1/2)
EAST 1/2 NOT USED

152 - BICYCLE STORAGE
153 - SALVAGE DEPOT
154 - TETRAETHYEL LEAD PRODUCED
155 - FUME DESPOSAL FOR 156, 157, 154.
156 - PURIFICATION OF TETRAETHYEL LEAD
157 - SAME AS 154
158 - SAME AS 132
159 - SULFURIC ACID STORAGE
160 a ALCOHOL TANK (SUNKEN (NO TANK)
" b " " (REVETTED)
162 - WHRE
163 - BENZINE RING + N-C_2H_5 PRODUCED. → DIETHYL PHENOLAMINE



164 - BOILER HOUSE
165 - WHRE
166 - "
167 - "
168 - CASTINGS
169 - SODIUM CHLORIDE
170 - PUMP ROOM
171 - " "
172 - HYDRO CHLORIC ACID PURIFICATION
173 - " " " PRODUCED
174 - ELECTRIC GENERATORS
175 - GENERAL REPAIR
176 - NOT USED
177 - SODIUM HYDROXIDE CONSENTRATION (FLAKES)
178 - " " " (LIQUID)

~~WHAT REFERED TO HERE IN 177~~ ?

" " " BLDG # 132 & WHEN WAS PRESENT BLDG BUILT (MAY 15 APPROX)
" " " " 107 " (LATE MAY OR JUNE EARLY)
" " " BLDG #19 (BURNED) THINK SHED WOOD)
" " " " #2 (CONCLUSION BLOWN DOWN)
WAS BLDG 31 REPLACED {REPAIRED - 40% DAMAGED IN MAY}
" " 93 " (DESTROYED REBUILT IN MAY)
WHAT WAS #57 (WATER SPILLWAY)
" " 58 (ELEC. EQUIP. REPAIR & MOTOR STORAGE)

PICTURE OF : ADM. WED. MORN.
PICTURES OF #~~18~~, 154, ~~104~~, ~~26~~, ~~38~~

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

WHRE.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR 1	TYPE DIRT	THICKNESS
FLOOR	TYPE	THICKNESS
WALLS WOOD FRAME,	TYPE BOARDS INSIDE, COMPOSITION BOARD & STUCCO OUT.	THICKNESS
ROOF MATERIAL	TYPE WOOD AND	THICKNESS
TRUSS WOOD AS SHOWN	TYPE	SPAN
CRANES NO. No	TYPE	LOAD CAPACITY
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT: HODOGAYA CHEMICAL PLANT, KORIYAMA

TYPE OF INDUSTRY: TETRA ETHYL LEAD PLANT

CITY	TARGET NO.	BLDG. NO.
KORIYAMA (90.10)	#2025	1
LAT. LONG	AREA	
INTEL. SUBJECT NUMBER		DATE

PHOTOGRAPHY — ROLL - NEG NUMBER

INTERIOR EXTERIOR

STRUCT. DETAIL NO. OF EXPOSURES

TEAM

DAMAGE ASSESMENT

DESTROYED

STRUCTURAL DAMAGE

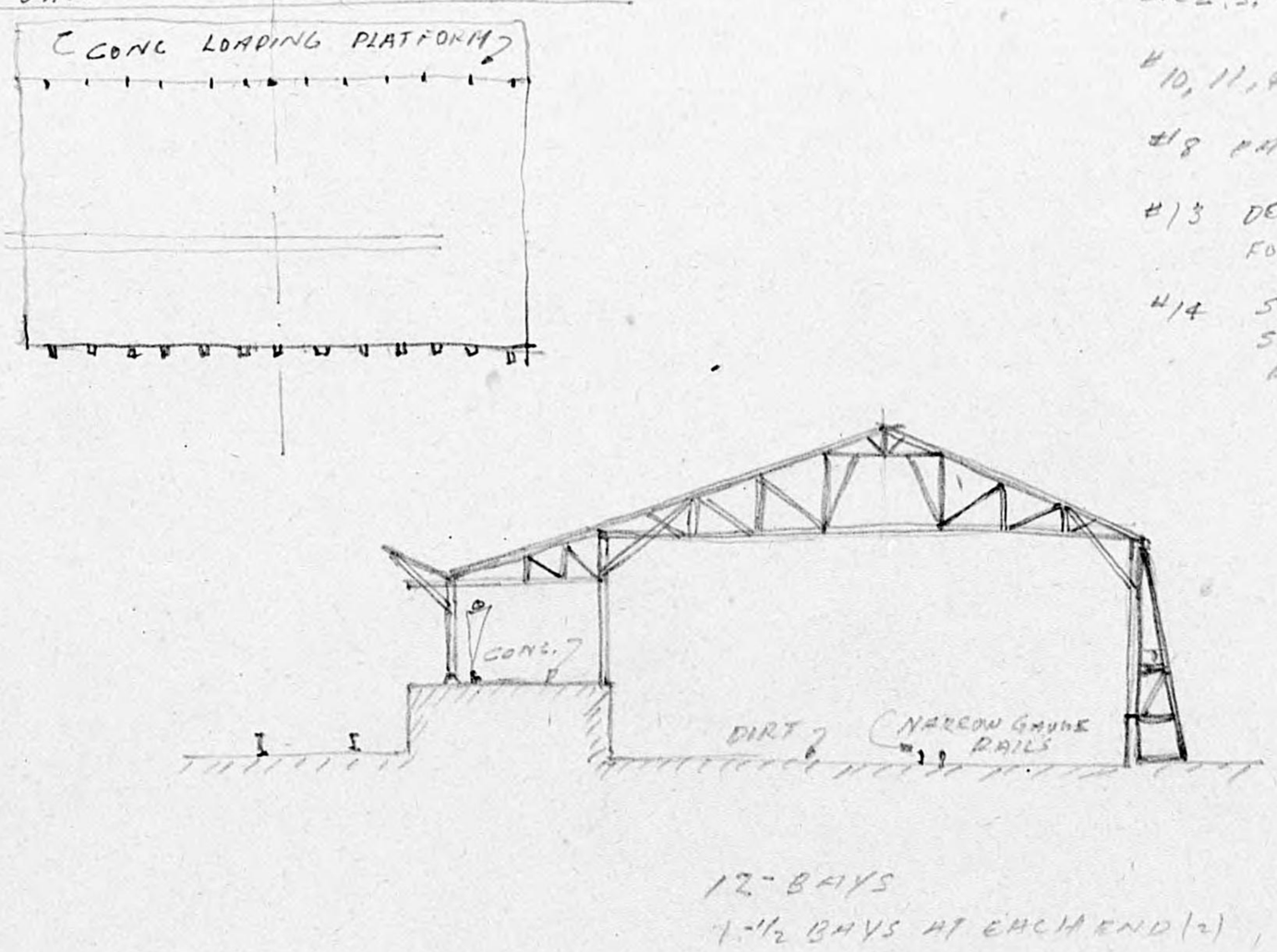
SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

JAP. STANDARD GAUGE TRACKS



NOTE: #2, 3, 4, 5, 6, 7, 9 DESTROYED

#10, 11, & 12 CLEARED

#8 PARTIALLY CLEARED

#13 DESTROYED - STEEL FRAME FOR EQUIP. REMAINING.

#14 SIMPLE WOODEN PUMP SHACK PARTIALLY DESTROYED

12 - BAYS

1 - 1/2 BAYS AT EACH END (2)

BLDG. NUMBER

1

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

SODIUM HYDROXIDE PRODUCED.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
1	CONC.	6"
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
STEEL FRAME - PROBABLY CORR. ASBESTOS		
ROOF MATERIAL	TYPE? (BLOWN OFF)	THICKNESS
TRUSS	TYPE	SPAN
STEEL AS SHOWN		
CRANES NO.	TYPE	LOAD CAPACITY
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT

TYPE OF INDUSTRY

CITY	TARGET NO.	BLDG. NO.
LAT. LONG	AREA	15
INTEL. SUBJECT NUMBER		DATE

PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

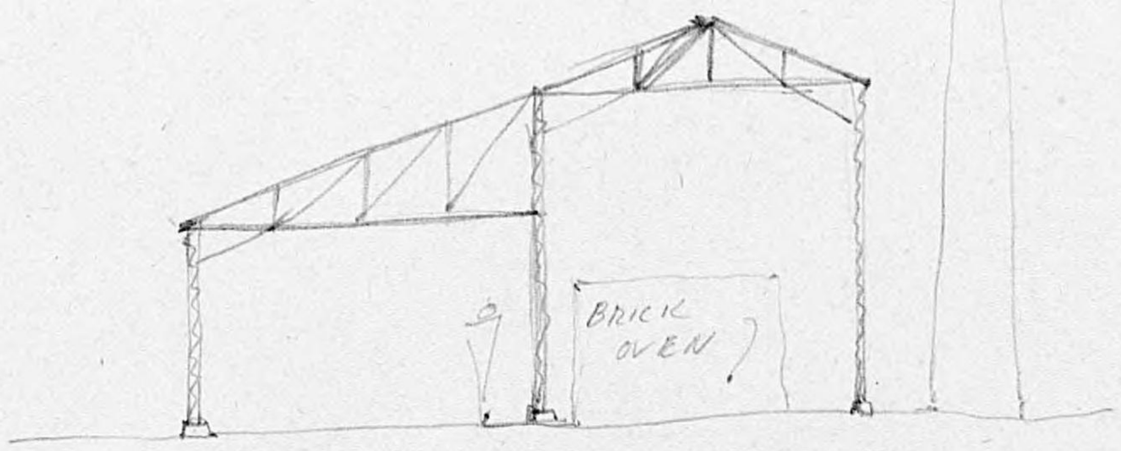
STRUCTURAL DAMAGE

SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -



BLDG. NUMBER

15

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

SODIUM HYDROXIDE PRODUCED.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
1	CONC.	6"
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
STEEL FRAME - PROBABLY CORR. ASBESTOS		
ROOF MATERIAL	TYPE? (BLOWN OFF)	THICKNESS
TRUSS	TYPE	SPAN
STEEL AS SHOWN		
CRANES NO.	TYPE	LOAD CAPACITY
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT	
TYPE OF INDUSTRY	
CITY	TARGET NO. / BLDG. NO. 15
LAT. LONG AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES

TEAM

DAMAGE ASSESMENT

DESTROYED

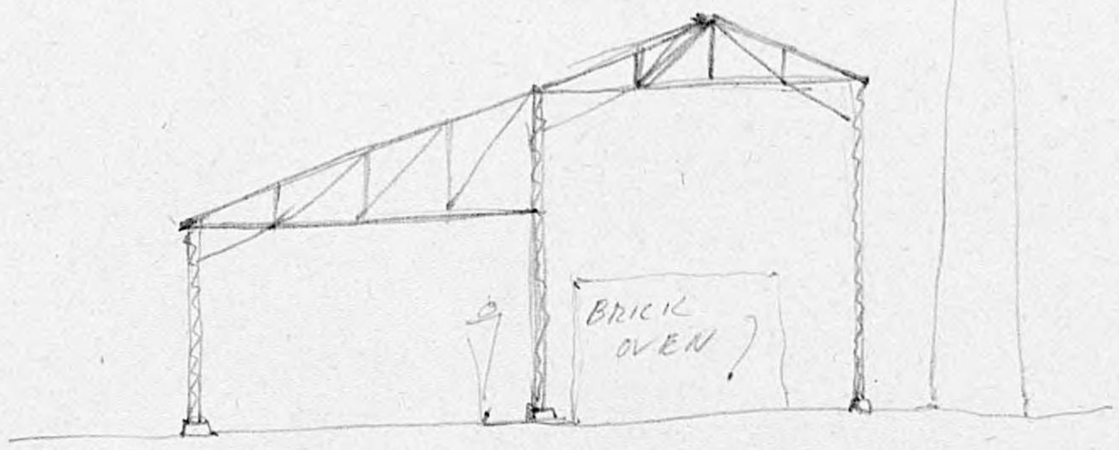
STRUCTURAL DAMAGE

SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -



BLDG. NUMBER

15

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

ELECTROLYSIS of SODIUM CHLORIDE

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE		REMARKS
FLOOR	TYPE	THICKNESS	
GROUND FL.	CONC		
FLOOR	TYPE	THICKNESS	
1ST FL.	REINF. CONC	6"	
WALLS	TYPE	THICKNESS	
WOOD FRAME	STUCCO IN & OUT	6"	
ROOF MATERIAL	TYPE	THICKNESS	
	WOOD AND		
TRUSS	TYPE	SPAN	
	WOOD AS SHOWN		
CRANES NO. N/A	TYPE	LOAD CAPACITY	
MACHINERY REMOVED TO		REASON	
REPAIRS AND CLEARANCES			
NEW CONSTRUCTION			

NAME OF PLANT		
TYPE OF INDUSTRY		
CITY	TARGET NO.	BLDG. NO. 16
LAT. LONG	AREA	
INTEL. SUBJECT NUMBER		DATE
PHOTOGRAPHY		ROLL - NEG NUMBER
INTERIOR	EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

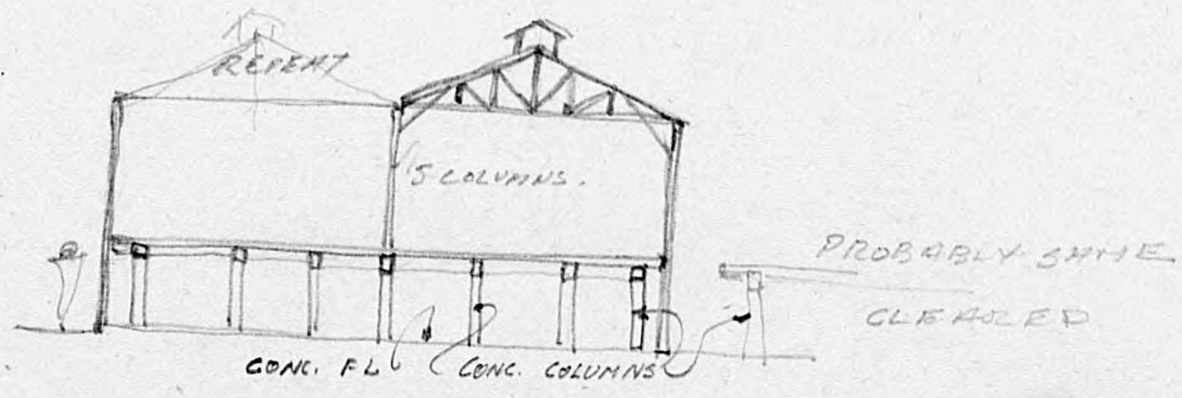
STRUCTURAL DAMAGE

SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -



6 BAYS EACH DIRECTION

BLDG. NUMBER 16

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

WHRE.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
1.	DIRT	
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
12" CONC 4'	REMAINING WOOD FRAME & SIDING	
ROOF MATERIAL	TYPE	THICKNESS
	WOOD & TUR PAPER	
TRUSS	TYPE	SPAN
	WOOD AS SHOWN	
CRANES NO.	TYPE	LOAD CAPACITY
NO.		
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

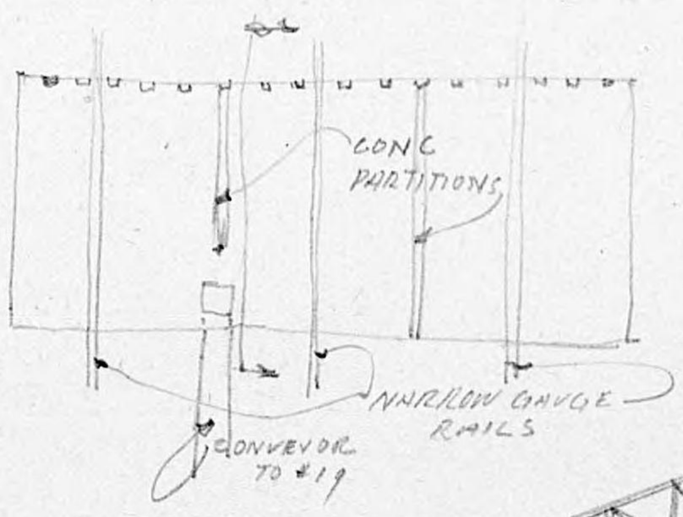
NAME OF PLANT		
TYPE OF INDUSTRY		
CITY	TARGET NO.	BLDG. NO.
		17
LAT. LONG AREA		
INTEL. SUBJECT NUMBER		DATE
PHOTOGRAPHY		ROLL - NEG NUMBER
INTERIOR	EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES	

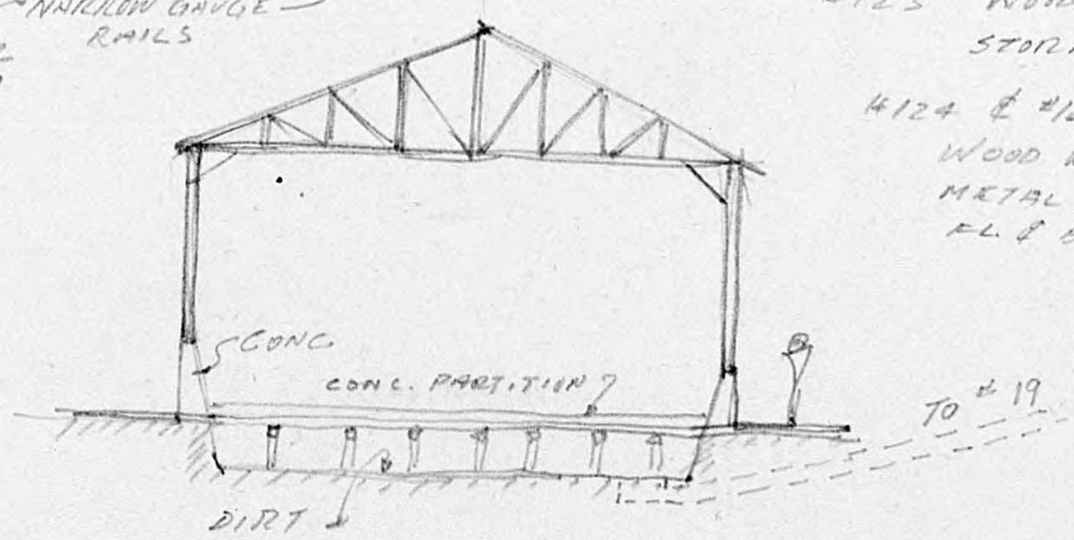
TEAM

DAMAGE ASSESMENT

DESTROYED
STRUCTURAL DAMAGE
SUPERFICIAL DAMAGE
ROOF DISTURBANCE
MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -





NOTE:

#20 WOOD FRAME BLDG DESTROYED, CORRUGATED ASBESTOS OUTSIDE & ROOF(?) TANK PLATFORM REMAINING

#19 SIMPLE WOOD PUMP SHACK, STUCCO ROOF

#123 WOOD SHED OVER STORAGE TANK

#124 & #125 SIMPLE WOOD WHRE. CORRUGATED METAL ROOF, DIRT FL. & BOARD SIDING.

BLDG. NUMBER

17

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

COMPONENTS OF SODIUM CHLORATE

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
1ST	CONC.	6"
FLOOR	TYPE	THICKNESS
2, 3, 4TH	WOOD ON STEEL FRAME	
WALLS	TYPE	THICKNESS
WOOD FRAME AND CORR. ASBESTOS		
ROOF MATERIAL	TYPE	THICKNESS
WOOD PURLINS AND CORR, ASBESTOS		
TRUSS	TYPE	SPAN
STEEL AS SHOWN		
CRANES NO. NO	TYPE	LOAD CAPACITY
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT	
TYPE OF INDUSTRY	
CITY / TARGET NO.	BLDG. NO. 18
LAT. / LONG / AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR / EXTERIOR	
STRUCT. DETAIL / NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED
STRUCTURAL DAMAGE
SUPERFICIAL DAMAGE
ROOF DISTURBANCE
MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE: SEE PIC.

BLDG. NUMBER 18

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

TETRAETHYL LEAD STORAGE TANKS.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
1	CONC.	
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
	STEEL FRAME & BOARDS	
ROOF MATERIAL	TYPE	THICKNESS
	WOOD & SHINGLES	
TRUSS	TYPE	SPAN
	STEEL	AS SHOWN
CRANES NO.	TYPE	LOAD CAPACITY
No		
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		
PROBABLY NEW ROOF & WALLS.		

NAME OF PLANT		
TYPE OF INDUSTRY		
CITY	TARGET NO.	BLDG. NO.
		22
LAT. LONG	AREA	
INTEL. SUBJECT NUMBER		DATE
PHOTOGRAPHY		ROLL - NEG NUMBER
INTERIOR	EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

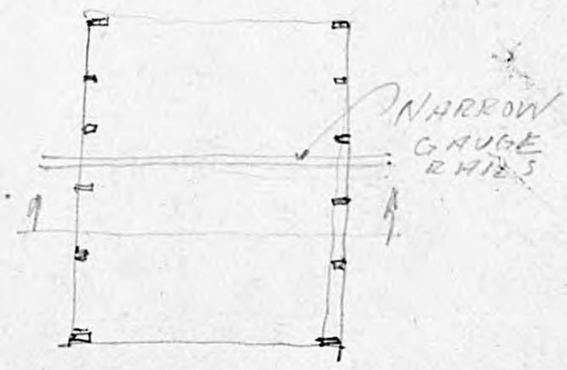
STRUCTURAL DAMAGE

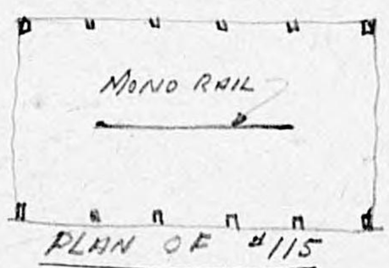
SUPERFICIAL DAMAGE

ROOF DISTURBANCE

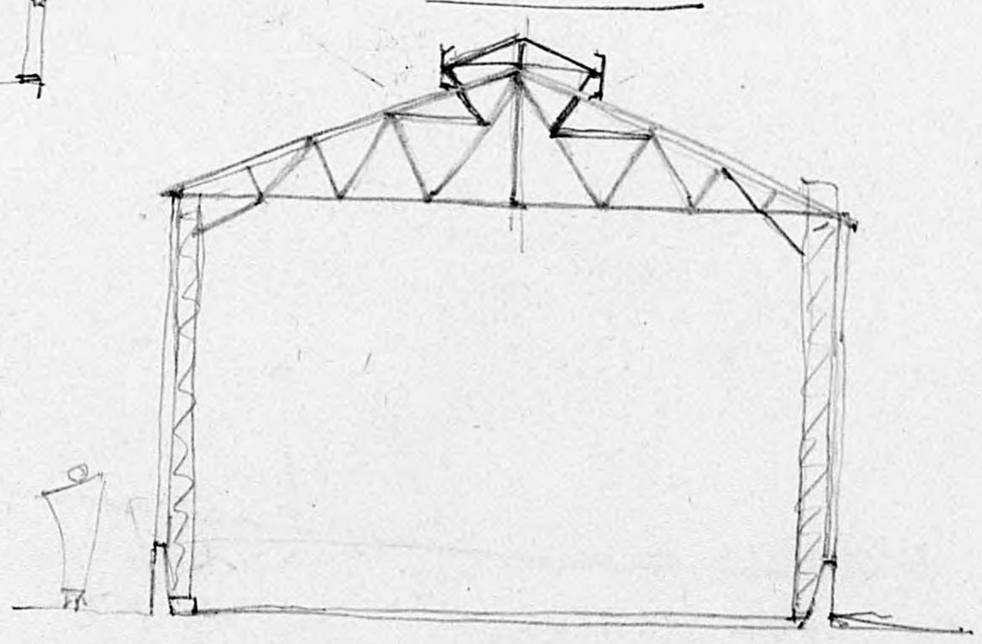
MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -





PLAN OF #115



NOTE: #21 CLEARED

#24 SAME AS #22

#115 SAME AS #22 EXCEPT FOR MONO RAIL AS SHOWN IN PLAN.

#23 SIMPLE WOOD STORAGE SHED BOARD WALLS 6' HIGH

#22 WAS BEING REPAIRED AND SHEDS AT ENDS WERE CLEARED.

BLDG. NUMBER

22

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

BOILER HOUSE.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
1	DIRT ~~CONC~~	
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
WOOD FRAME & WOOD SIDING.		
ROOF MATERIAL	TYPE	THICKNESS
WOOD AND ROOFING PAPER		
TRUSS	TYPE	SPAN
WOOD AS SHOWN		
CRANES NO.	TYPE	LOAD CAPACITY
NO.		
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT	
TYPE OF INDUSTRY	
CITY / TARGET NO.	BLDG. NO. 25
LAT. LONG AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL NO. OF EXPOSURES	

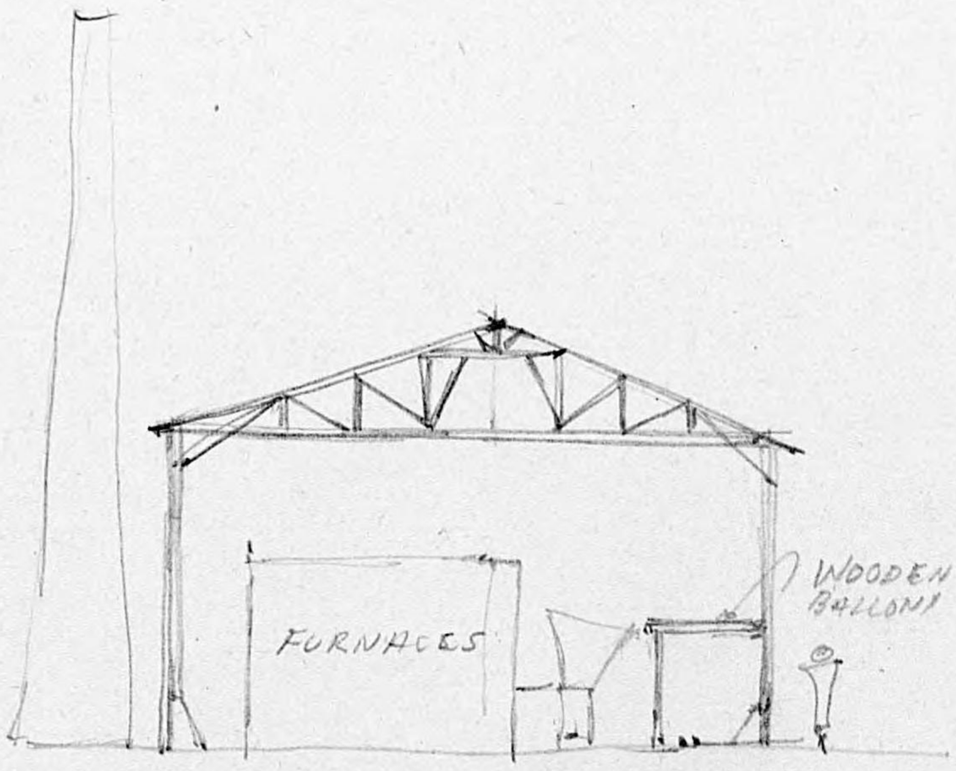
TEAM

DAMAGE ASSESMENT

DESTROYED
STRUCTURAL DAMAGE
SUPERFICIAL DAMAGE
ROOF DISTURBANCE
MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE:



15 ROOF TRUSSES

BLDG. NUMBER 25

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

ETHYL CHLORIDE PRODUCED

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
1	CONC.	
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
WOOD FRAME & STUCCO		6"
ROOF MATERIAL	TYPE	THICKNESS
?		
TRUSS	TYPE	SPAN
STEEL AS SHOWN		
CRANES NO.	TYPE	LOAD CAPACITY
NO		
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT

TYPE OF INDUSTRY

CITY | TARGET NO. | BLDG. NO. 26

LAT. | LONG | AREA

INTEL. SUBJECT NUMBER | DATE

PHOTOGRAPHY | ROLL - NEG NUMBER

INTERIOR | EXTERIOR

STRUCT. DETAIL | NO. OF EXPOSURES

TEAM

DAMAGE ASSESMENT

DESTROYED

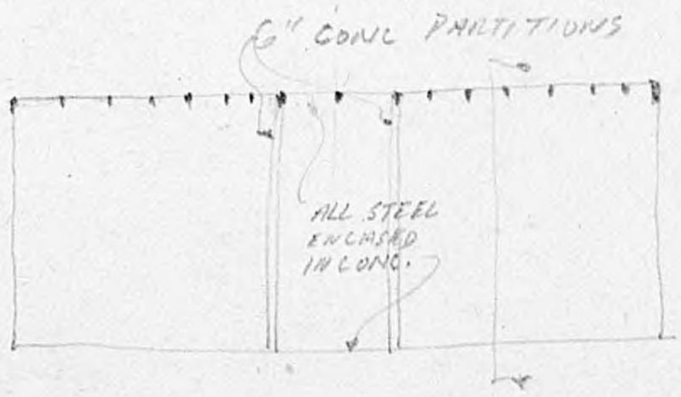
STRUCTURAL DAMAGE

SUPERFICIAL DAMAGE

ROOF DISTURBANCE

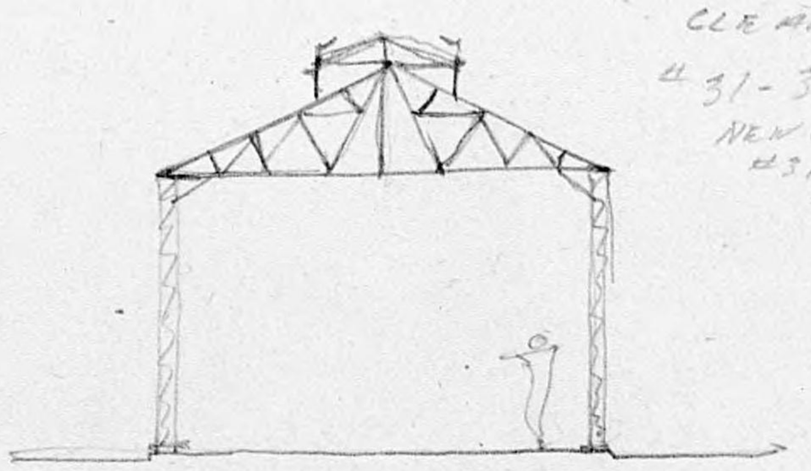
MINOR DAMAGE

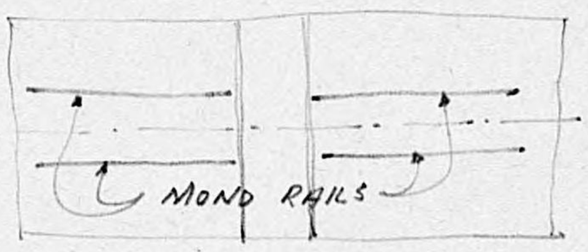
GENERAL NOTES - SECTIONS - PLANS - ETC - NOTE: #27 SAME AS 26



#28 #29 CLEARED

#31-36 CLEARED NEW CONST ON #31 FOUNDATION





PLAN OF #105

NOTE #105 SAME AS 26
2 MONO RAILS, 3' EACH SIDE OF TRUSS ℄.

BLDG. NUMBER 26

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

ETHYLENE GAS PRODUCED.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
1	CONC	6"
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
STEEL FRAME	2" STUCCO & MESH.	
ROOF MATERIAL	TYPE	THICKNESS
	CORR. ASBESTOS (?)	
TRUSS	TYPE	SPAN
	STEEL AS SHOWN	
CRANES NO.	TYPE	LOAD CAPACITY
NO		
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT	
TYPE OF INDUSTRY	
CITY	TARGET NO. / BLDG. NO. 41
LAT. LONG AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES

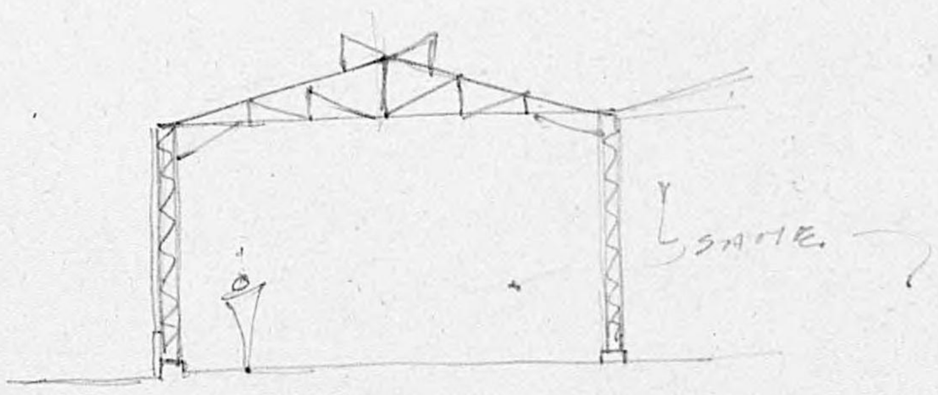
TEAM

DAMAGE ASSESMENT

DESTROYED
STRUCTURAL DAMAGE
SUPERFICIAL DAMAGE
ROOF DISTURBANCE
MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE: #42 a SAME AS #41
#42 b & c DESTROYED.



5 BAYS LONG.

BLDG. NUMBER 41

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

ETHYLENE & ETHYLENE BROMIDE PRODUCED.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE		REMARKS
FLOOR	TYPE	THICKNESS	
1	CONC.	6"	
FLOOR	TYPE	THICKNESS	
WALLS	TYPE	THICKNESS	
	REINF. CONC.	8"	
ROOF MATERIAL	TYPE	THICKNESS	
	WOOD & SHEET METAL	(PROBABLY REPLACED)	
TRUSS	TYPE	SPAN	
	STEEL PURLINS.		
CRANES NO.	TYPE	LOAD CAPACITY	
NO.			
MACHINERY REMOVED TO		REASON	
REPAIRS AND CLEARANCES			
NEW CONSTRUCTION			

NAME OF PLANT	
TYPE OF INDUSTRY	
CITY	TARGET NO. / BLDG. NO. 43
LAT. LONG AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES

TEAM

DAMAGE ASSESMENT

DESTROYED

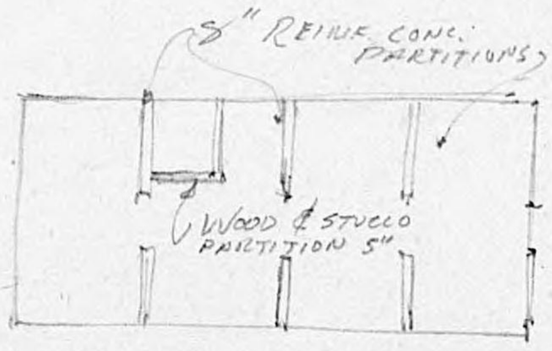
STRUCTURAL DAMAGE

SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

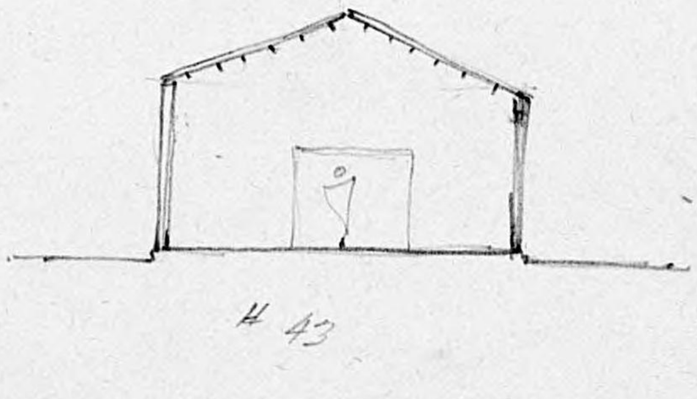


NOTE #44 DESTROYED
SIMPLE WOOD SHACK BUILT ON 1/3 OF ORIGINAL FOUNDATION.

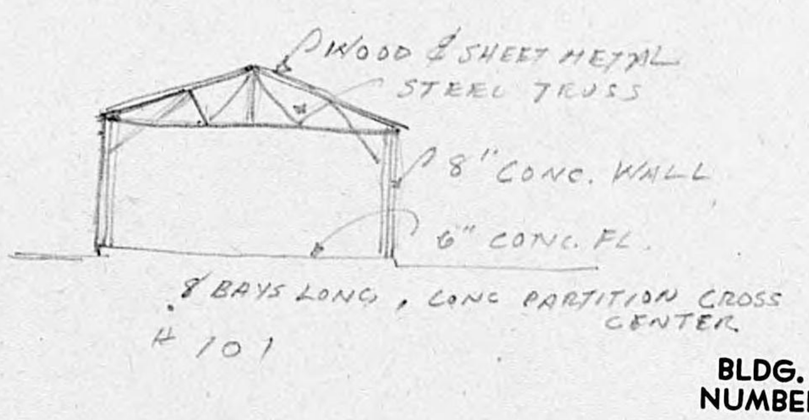
#45 CLEARED

#46 SAME AS 155

#80 SAME AS #101



#43



#101

BLDG. NUMBER

101 & 43

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

FOUNDRY

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE		REMARKS
FLOOR	TYPE	THICKNESS	
/	CONC.	6"	
FLOOR	TYPE	THICKNESS	
WALLS	TYPE	THICKNESS	
STEEL FRAME	BOARDS	(PROBABLY REPAIR)	
ROOF MATERIAL	TYPE	THICKNESS	
	WOOD AND SHEET METAL		
TRUSS	TYPE	SPAN	
	STEEL AS SHOWN		
CRANES NO.	TYPE	LOAD CAPACITY	
MACHINERY REMOVED TO		REASON	
REPAIRS AND CLEARANCES			
NEW CONSTRUCTION			

NAME OF PLANT	
TYPE OF INDUSTRY	
CITY	TARGET NO. / BLDG. NO. 47
LAT. LONG AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES

TEAM

DAMAGE ASSESMENT

DESTROYED
STRUCTURAL DAMAGE
SUPERFICIAL DAMAGE
ROOF DISTURBANCE
MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE: SAME SECTION AS
2~~3~~ BAYS OF #94
EXCEPT NO MONITOR
SKYLIGHT BUT SUCH

12 BAYS LONG

BLDG. NUMBER

47

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

BROMIDE WHSE.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS

FLOOR	TYPE	THICKNESS
BASEMENT		

FLOOR	TYPE	THICKNESS
1	CONC.	

WALLS	TYPE	THICKNESS
STEEL FRAME	& COOR. ASBESTOS.	

ROOF MATERIAL	TYPE	THICKNESS
	CORR. ASBESTOS	

TRUSS	TYPE	SPAN
	STEEL AS SHOWN	

CRANES NO.	TYPE	LOAD CAPACITY
No		

MACHINERY REMOVED TO — REASON

REPAIRS AND CLEARANCES

No

NEW CONSTRUCTION

NAME OF PLANT

TYPE OF INDUSTRY

CITY	TARGET NO.	BLDG. NO.
LAT. LONG	AREA	50
INTEL. SUBJECT NUMBER		DATE

PHOTOGRAPHY — ROLL - NEG NUMBER

INTERIOR — EXTERIOR

STRUCT. DETAIL — NO. OF EXPOSURES

TEAM

DAMAGE ASSESMENT

DESTROYED

STRUCTURAL DAMAGE

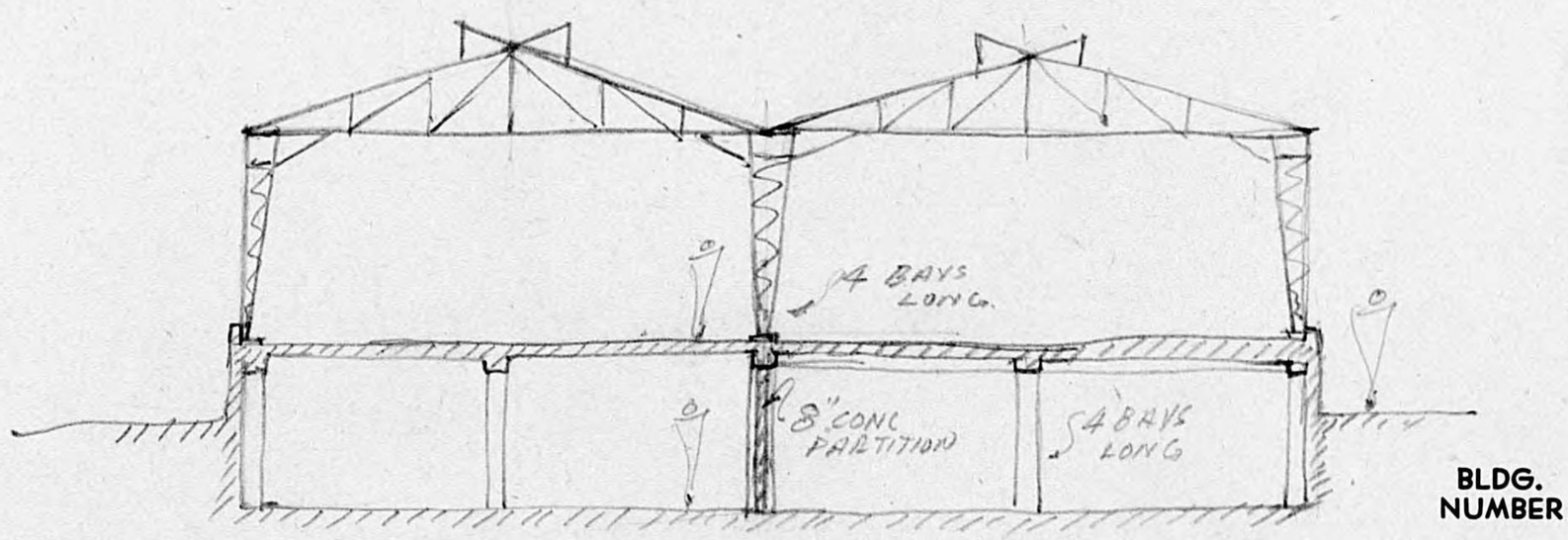
SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE ~~#53~~ SIMPLE WOOD STORAGE SHED



BLDG. NUMBER

50

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

HYDROCHLORIC ACID PRODUCED

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE		REMARKS
FLOOR	TYPE	THICKNESS	
1/	CONC.		
FLOOR	TYPE	THICKNESS	
WALLS	TYPE	THICKNESS	
WOOD FRAME & CORR. METAL			
ROOF MATERIAL	TYPE	THICKNESS	
WOOD &			
TRUSS	TYPE	SPAN	
WOOD AS SHOWN			
CRANES NO.	TYPE	LOAD CAPACITY	
NO			
MACHINERY REMOVED TO		REASON	
REPAIRS AND CLEARANCES			
NEW CONSTRUCTION			

NAME OF PLANT		
TYPE OF INDUSTRY		
CITY	TARGET NO.	BLDG. NO.
LAT. LONG AREA		52
INTEL. SUBJECT NUMBER		DATE
PHOTOGRAPHY		ROLL - NEG NUMBER
INTERIOR	EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

STRUCTURAL DAMAGE

SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

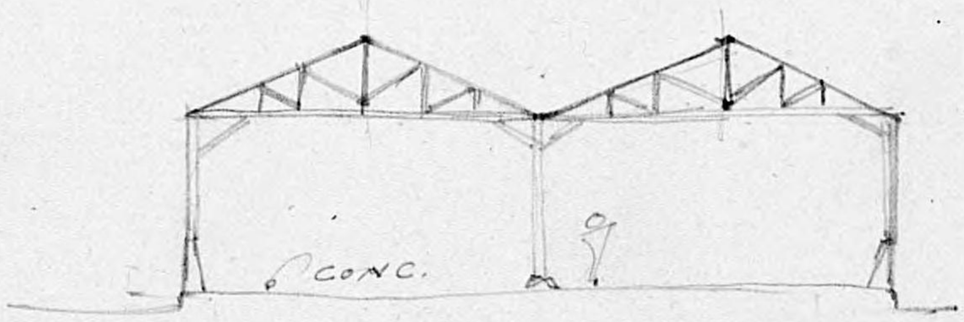
GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE #51 DESTROYED
SIZE SAME AS 155
51 A&B WOOD SHACKS

#54 SIMPLE WOOD
CONST. DIRT
FLOOR, SIDING
STUCCO ROOF.

#55 SIMPLE WOOD
PUMP HOUSE
SIDING.
SHEET METAL
ROOF.

#58 SIMPLE
WOOD WHSE.
TYPE WITH 1/2
BASEMENT



NOTE A BANK OF OVENS
IN 52 a ACROSS
EAST END.

BLDG. NUMBER

52

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

WHRE.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE		REMARKS
FLOOR	TYPE	THICKNESS	
FLOOR	TYPE	THICKNESS	
WALLS	TYPE	THICKNESS	
ROOF MATERIAL	TYPE	THICKNESS	
TRUSS	TYPE	SPAN	
CRANES NO.	TYPE	LOAD CAPACITY	
MACHINERY REMOVED TO		REASON	
REPAIRS AND CLEARANCES			
NEW CONSTRUCTION			

NAME OF PLANT

TYPE OF INDUSTRY

CITY	TARGET NO.	BLDG. NO. 60
LAT. LONG	AREA	
INTEL. SUBJECT NUMBER		DATE

PHOTOGRAPHY — ROLL - NEG NUMBER

INTERIOR EXTERIOR

STRUCT. DETAIL NO. OF EXPOSURES

TEAM

DAMAGE ASSESMENT

DESTROYED

STRUCTURAL DAMAGE

SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE: THE FOLLOWING BLDG'S. WERE —

DESTROYED	CLEARED
67	60
68	61
78	62
79	63
82	64
83	65
84	69
	70
	71
	72
	73
	74
	75
	76
	85
	86
	88
	134
	140
	141

NOTE:

#59 RESERVOIR CONTROLS

#66 SIMPLE WOOD CONST. SIDING, TILE ROOF. RESERVOIR CONTINES BELOW

#77 NEW WOOD CONST. ON OLD FOUNDATION TILE ROOF.

#81 NEW WOOD CONST. ON OLD FOUNDATION SIMPLE WOOD TRUSSES

#89 NEW WOOD CONST. TILE ROOF, SIDING.

#142 NEW WOOD CONST. TILE ROOF, SIDING

#147 WOOD SIDING, TILE ROOF, WOOD FLOOR.

#148 WOOD WHRE., WOOD & DIRT FLOOR SIDING & TILE ROOF

BLDG. NUMBER 60

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

WHRE.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE		REMARKS
FLOOR	TYPE	THICKNESS	
FLOOR	TYPE	THICKNESS	
WALLS	TYPE	THICKNESS	
ROOF MATERIAL	TYPE	THICKNESS	
TRUSS	TYPE	SPAN	
CRANES NO.	TYPE	LOAD CAPACITY	
MACHINERY REMOVED TO		REASON	
REPAIRS AND CLEARANCES			
NEW CONSTRUCTION			

NAME OF PLANT		
TYPE OF INDUSTRY		
CITY	TARGET NO.	BLDG. NO. 92
LAT. LONG	AREA	
INTEL. SUBJECT NUMBER		DATE
PHOTOGRAPHY		ROLL - NEG NUMBER
INTERIOR	EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

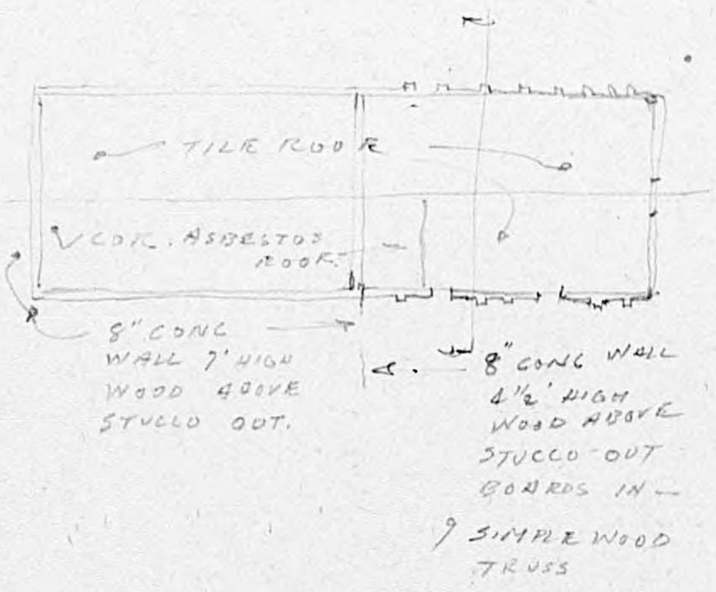
STRUCTURAL DAMAGE

SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -



NOTE: #90, 91 CLEARED
TEMP. SHED IN PLACE OF 91

#93 CLEARED
NEW SHED ON SAME FOUNDATION
MAKESHIFT CONST.

BLDG. NUMBER

92

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

SODIUM CHLORATE PURIFICATION

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR 1	TYPE CONC	THICKNESS 6"
FLOOR	TYPE	THICKNESS
WALLS STEEL FRAME & BOARDS (REPAIRED)	TYPE	THICKNESS
ROOF MATERIAL	TYPE CORRUGATED ASBESTOS	THICKNESS
TRUSS STEEL AS SHOWN	TYPE	SPAN
CRANES NO. NO.	TYPE	LOAD CAPACITY
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT		
TYPE OF INDUSTRY		
CITY	TARGET NO.	BLDG. NO. 94
LAT. LONG	AREA	
INTEL. SUBJECT NUMBER		DATE
PHOTOGRAPHY		ROLL - NEG NUMBER
INTERIOR	EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

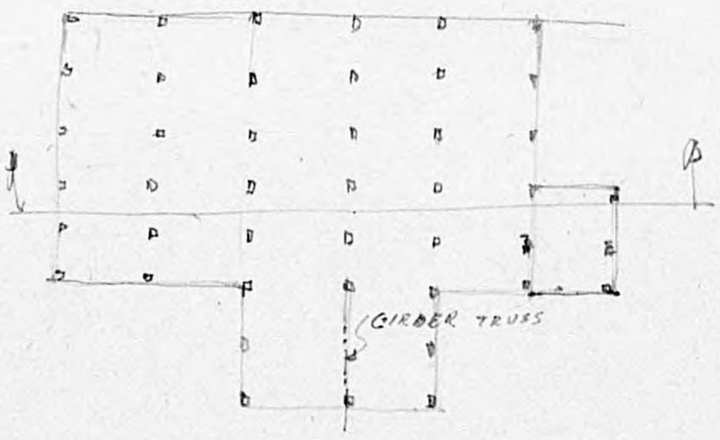
STRUCTURAL DAMAGE

SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

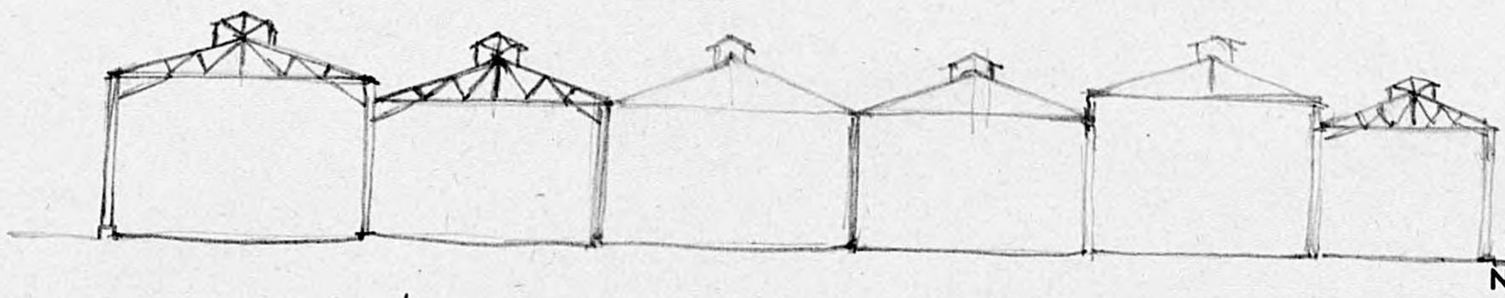
GENERAL NOTES - SECTIONS - PLANS - ETC -



NOTE: #97 SAME CROSS SECTION AS #93 BAYS OF #94 AND 9 BAYS LONG.

#99 SAME AS #97 AND 8 BAYS LONG

#49 SAME AS 97 10 BAYS LONG. WOOD & CORR. ASBESTOS ROOF



BLDG. NUMBER

94

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

FOUNDRY

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS

FLOOR	TYPE	THICKNESS
1	DIRT	
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
WOOD FRAME	& 1" STUCCO & MESH	
ROOF MATERIAL	TYPE	THICKNESS
WOOD WITH	COR. METAL	
TRUSS	TYPE	SPAN
WOOD	AS SHOWN	
CRANES NO.	TYPE	LOAD CAPACITY
NO.		

MACHINERY REMOVED TO — REASON

REPAIRS AND CLEARANCES

REPAIRED

NEW CONSTRUCTION

NAME OF PLANT	
TYPE OF INDUSTRY	
CITY	TARGET NO. / BLDG. NO. 95
LAT. LONG AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

STRUCTURAL DAMAGE

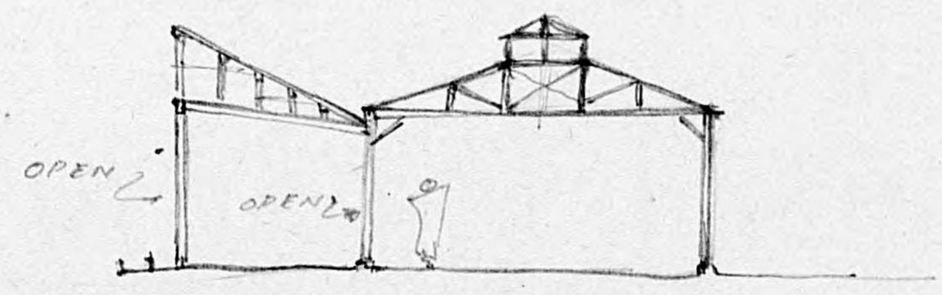
SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE: #96 SAME AS #95, NO SHED & CLOSED 4 SIDES.



BLDG. NUMBER

95

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

ELEC. GENERATORS & TRANSFORMERS

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
ROOF MATERIAL	TYPE	THICKNESS
TRUSS	TYPE	SPAN
CRANES NO.	TYPE	LOAD CAPACITY
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT		
TYPE OF INDUSTRY		
CITY	TARGET NO.	BLDG. NO.
LAT. LONG	AREA	100
INTEL. SUBJECT NUMBER		DATE
PHOTOGRAPHY		ROLL - NEG NUMBER
INTERIOR	EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

STRUCTURAL DAMAGE

SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE BLDG. #100, 1½ WOOD CONST, 1" STUCCO & MESH, EAST END REPAIRED, WOOD & COR. METAL ROOF

1½ STEEL FRAME WOOD & TILE ROOF NEW BOARD SIDES TRUSS SAME AS IN #22

#98 WOOD CONST. WOOD SIDING OUT PLASTER IN 4" 5 SIMPLE WOOD TRUSSES CONC FLOOR

BLDG. NUMBER

100

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

ETHYL CHLORIDE PRODUCED

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS

FLOOR	TYPE	THICKNESS
1.	CONC.	6"

FLOOR	TYPE	THICKNESS

WALLS	TYPE	THICKNESS
REINF. CONC.		6"

ROOF MATERIAL	TYPE	THICKNESS
WOOD &		

TRUSS	TYPE	SPAN
STEEL AS SHOWN		

CRANES NO.	TYPE	LOAD CAPACITY
NO		

MACHINERY REMOVED TO — REASON

REPAIRS AND CLEARANCES

NEW CONSTRUCTION

NAME OF PLANT	
TYPE OF INDUSTRY	
CITY — TARGET NO.	BLDG. NO. 102
LAT. — LONG — AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR — EXTERIOR	
STRUCT. DETAIL — NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

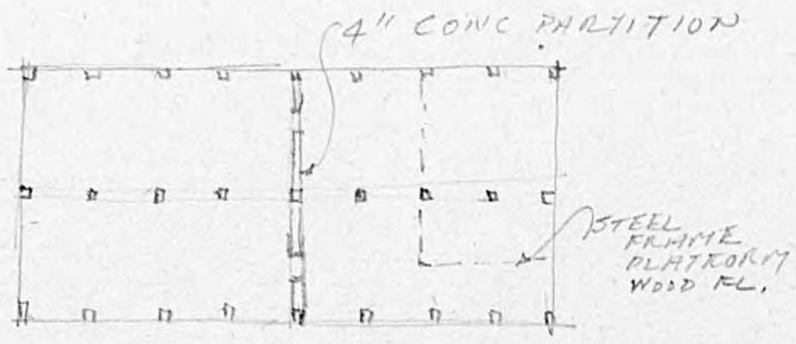
STRUCTURAL DAMAGE

SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -



NOTE. #37a SAME CONST. AS 102 WITH CENTER PARTITION REMOVED AN PLATFORM SAME AS IN 154 & 2 MONO RAILS

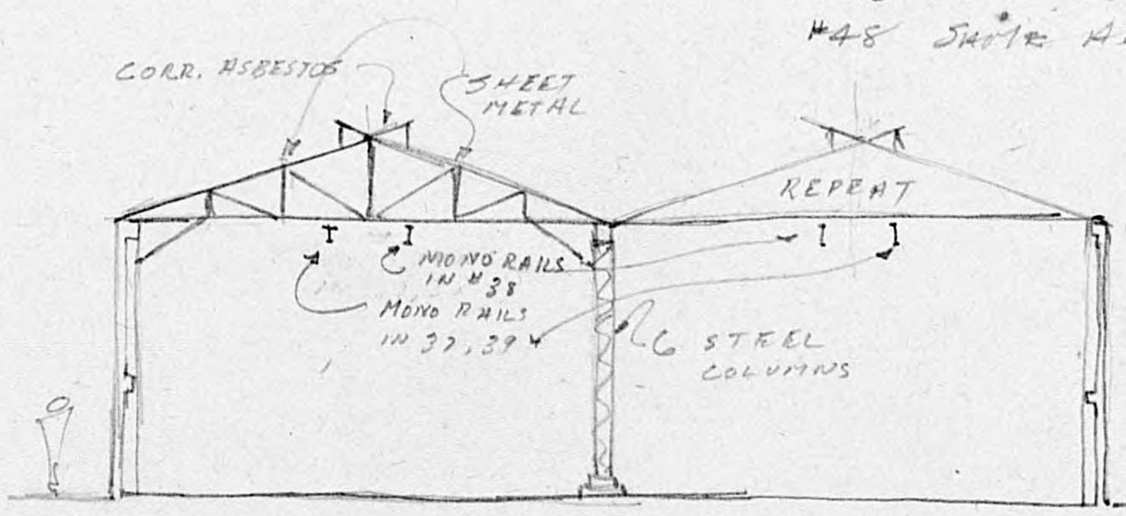
37b WOOD SHED

#38 SAME AS 102 REPAIRS TO CENTER PARTITION.

#39 SAME AS 37a

#40 SAME AS 102.

#48 SAME AS 102



BLDG. NUMBER

102

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

ETHYL CHLORIDE PRODUCED

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE		REMARKS
FLOOR 1	TYPE CONC.	THICKNESS 6"	
FLOOR	TYPE	THICKNESS	
WALLS ·	TYPE WOOD FRAME & BOARDS	THICKNESS	
ROOF MATERIAL	TYPE WOOD AND REPLACED METAL ROOFING	THICKNESS	
TRUSS	TYPE WOOD AS SHOWN	SPAN	
CRANES NO. No	TYPE	LOAD CAPACITY	
MACHINERY REMOVED TO		REASON	
REPAIRS AND CLEARANCES			
NEW CONSTRUCTION			

NAME OF PLANT		
TYPE OF INDUSTRY		
CITY	TARGET NO.	BLDG. NO. 103
LAT. LONG	AREA	
INTEL. SUBJECT NUMBER		DATE
PHOTOGRAPHY		ROLL - NEG NUMBER
INTERIOR	EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

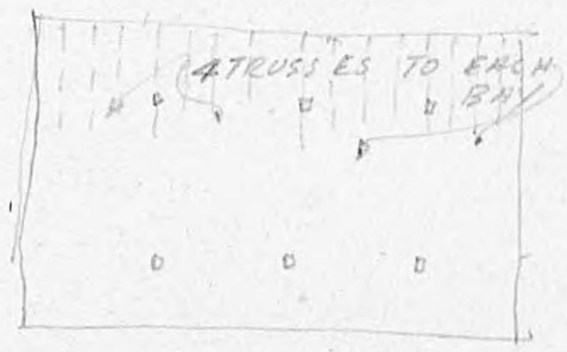
STRUCTURAL DAMAGE

SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -



BLDG. NUMBER 103

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

TETRAETHYL LEAD PRODUCED.

STRUCTURAL ANALYSIS

YEAR BUILT | ORIGINAL USE | REMARKS

FLOOR | TYPE | THICKNESS
1 | CONC | 4"

FLOOR | TYPE | THICKNESS

WALLS | TYPE | THICKNESS
STEEL FRAME & CORR. ASBESTOS

ROOF MATERIAL | TYPE | THICKNESS
CORRUGATED ASBESTOS

TRUSS | TYPE | SPAN
STEEL AS SHOWN

CRANES NO. | TYPE | LOAD CAPACITY
1 GANTRY CRANE RAILS

MACHINERY REMOVED TO | REASON

REPAIRS AND CLEARANCES
NO.

NEW CONSTRUCTION

NAME OF PLANT

TYPE OF INDUSTRY

CITY | TARGET NO. | BLDG. NO.
104

LAT. | LONG | AREA

INTEL. SUBJECT NUMBER | DATE

PHOTOGRAPHY | ROLL - NEG NUMBER

INTERIOR | EXTERIOR

STRUCT. DETAIL | NO. OF EXPOSURES

TEAM

DAMAGE ASSESMENT

DESTROYED

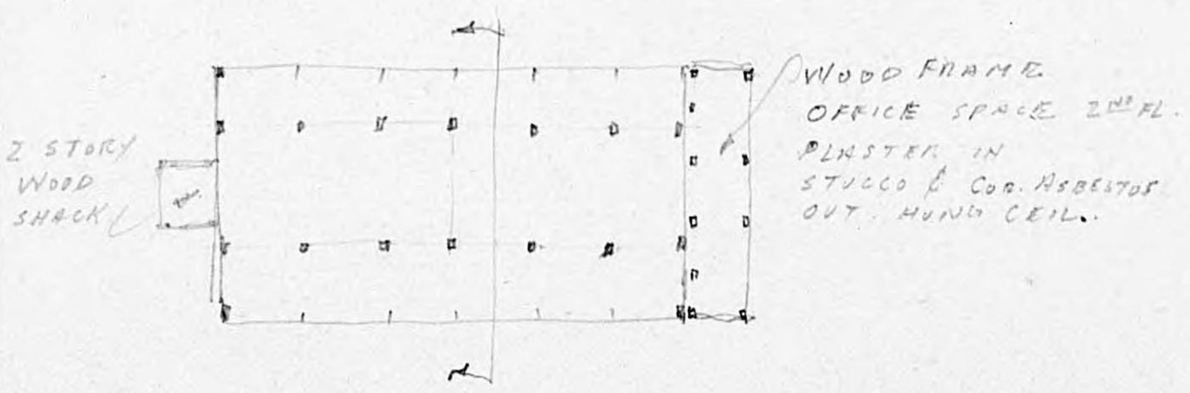
STRUCTURAL DAMAGE

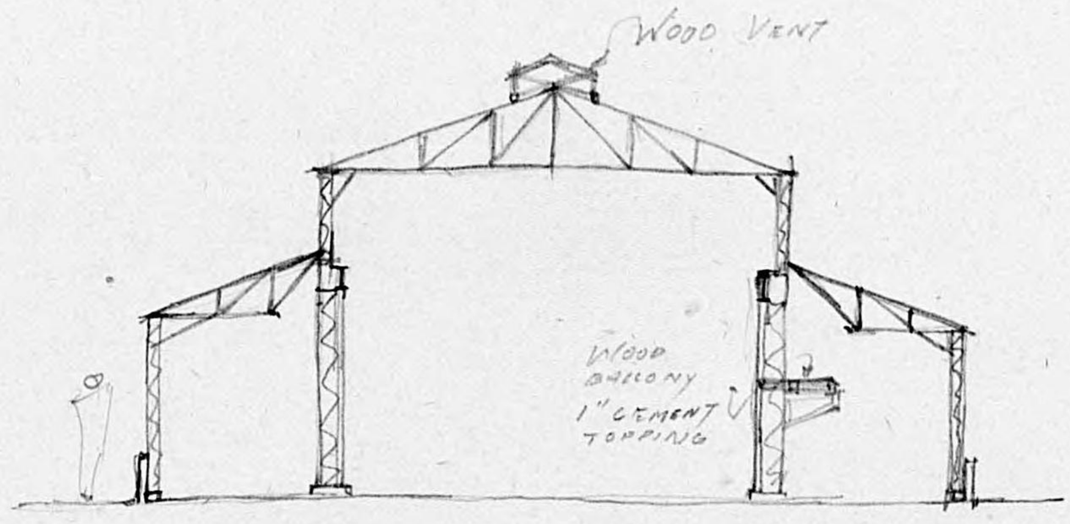
SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -





BLDG. NUMBER

104

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

LEAD & SODIUM ALLOYS PRODUCED

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS

FLOOR 1	TYPE CONC	THICKNESS 3"
FLOOR	TYPE	THICKNESS
WALLS STEEL FRAME	TYPE	THICKNESS
ROOF MATERIAL	TYPE ?	THICKNESS
TRUSS STEEL	TYPE AS SHOWN	SPAN
CRANES NO.	TYPE	LOAD CAPACITY
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES PARTIALLY CLEARED		
NEW CONSTRUCTION		

NAME OF PLANT	
TYPE OF INDUSTRY	
CITY	TARGET NO. / BLDG. NO. 116
LAT. LONG AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL NO. OF EXPOSURES	

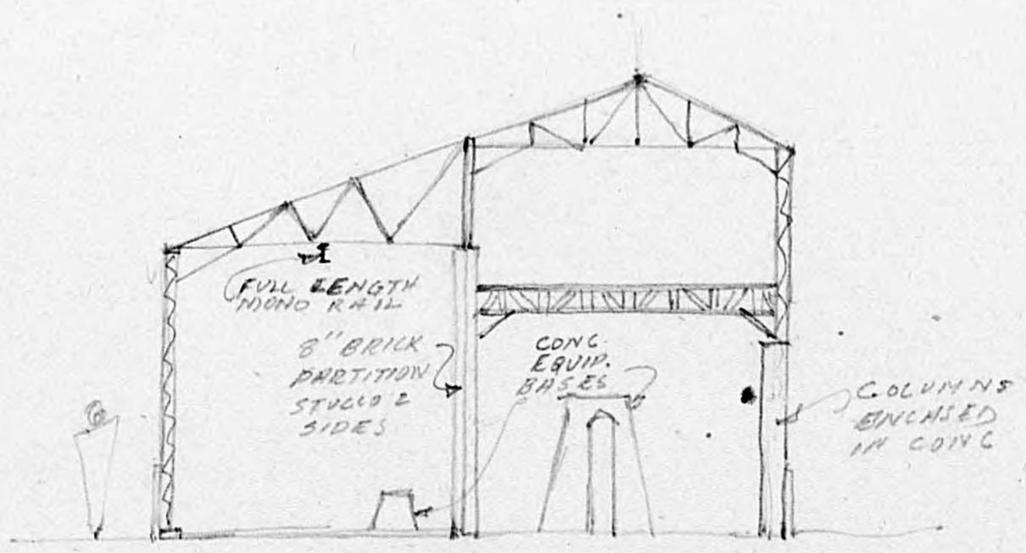
TEAM

DAMAGE ASSESMENT

DESTROYED
STRUCTURAL DAMAGE
SUPERFICIAL DAMAGE
ROOF DISTURBANCE
MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE: #118 CLEARED



#109 & 110 DESTROYED

#114 WOOD STORAGE SHED FOR DUMP CARTS

#113 CLEARED

#111 DESTROYED OR CLEARED.

#106 CLEARED

BLDG. NUMBER

116

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

MESS HALL

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE		REMARKS
FLOOR	TYPE	THICKNESS	
FLOOR	TYPE	THICKNESS	
WALLS	TYPE	THICKNESS	
ROOF MATERIAL	TYPE	THICKNESS	
TRUSS	TYPE	SPAN	
CRANES NO.	TYPE	LOAD CAPACITY	
MACHINERY REMOVED TO		REASON	
REPAIRS AND CLEARANCES			
NEW CONSTRUCTION			

NAME OF PLANT		
TYPE OF INDUSTRY		
CITY	TARGET NO.	BLDG. NO.
LAT. LONG	AREA	117
INTEL. SUBJECT NUMBER		DATE
PHOTOGRAPHY		ROLL - NEG NUMBER
INTERIOR	EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED
STRUCTURAL DAMAGE
SUPERFICIAL DAMAGE
ROOF DISTURBANCE
MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE: BLDG 117 SIMPLE WOODEN BUILDING WOOD FRAME, PLASTER IN, STUCCO OUT. ORIGINAL PLASTER CEIL. REPLACED BY VENEER CEIL. TILE ROOF & CONC. FL.

#107 CLEARED & WOODEN SHED BUILT ON ~~SAME~~ PART OF ORIGINAL FOUNDATION

BLDG. NUMBER

117

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

MESS & ASSEMBLY HALL

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR 1ST	TYPE	THICKNESS
FLOOR 2ND	TYPE: WOOD	THICKNESS: ½" CEMENT TOPPING
WALLS	TYPE: WOOD FRAME, PLASTER IN, STUCCO OUT	THICKNESS
ROOF MATERIAL	TYPE: WOOD WITH TILE	THICKNESS
TRUSS	TYPE: WOOD	SPAN: UNKNOWN
CRANES NO. NO	TYPE	LOAD CAPACITY
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

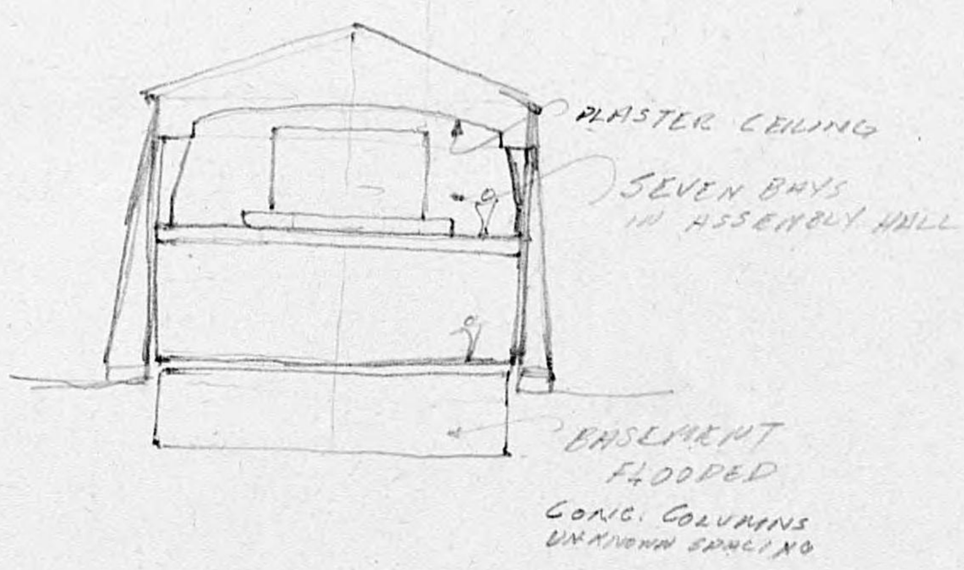
NAME OF PLANT	
TYPE OF INDUSTRY	
CITY	TARGET NO. / BLDG. NO. 119
LAT. LONG AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES

TEAM

DAMAGE ASSESMENT

DESTROYED
STRUCTURAL DAMAGE
SUPERFICIAL DAMAGE
ROOF DISTURBANCE
MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -



BLDG. NUMBER 119

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

WHRE.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE		REMARKS
FLOOR 1ST	TYPE Conc.	THICKNESS 6"	
FLOOR 2ND	TYPE WOOD	THICKNESS	
WALLS	TYPE	THICKNESS	
ROOF MATERIAL	TYPE	THICKNESS	
TRUSS	TYPE	SPAN	
CRANES NO.	TYPE	LOAD CAPACITY	
MACHINERY REMOVED TO		REASON	
REPAIRS AND CLEARANCES			
NEW CONSTRUCTION			

NAME OF PLANT		
TYPE OF INDUSTRY		
CITY	TARGET NO.	BLDG. NO. 126
LAT. LONG	AREA	
INTEL. SUBJECT NUMBER		DATE
PHOTOGRAPHY		ROLL - NEG NUMBER
INTERIOR	EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

STRUCTURAL DAMAGE

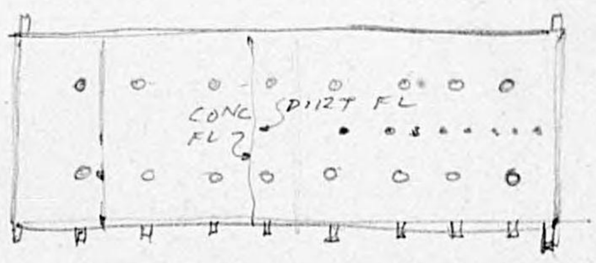
SUPERFICIAL DAMAGE

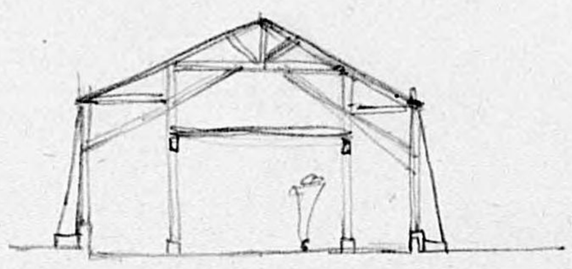
ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE SAME TYPE CONST. AS #129 PLAN AS SHOWN





BLDG. NUMBER 126

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

WHRE.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR: 1st	TYPE: CONC.	THICKNESS: 6"
FLOOR: 2ND	TYPE: WOOD	THICKNESS: 1"
WALLS	TYPE: WOOD FRAME - STUCCO OUT.	THICKNESS: 5"
ROOF MATERIAL	TYPE: WOOD WITH TILE	THICKNESS
TRUSS	TYPE: WOOD As SHOWN	SPAN
CRANES NO.	TYPE	LOAD CAPACITY
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

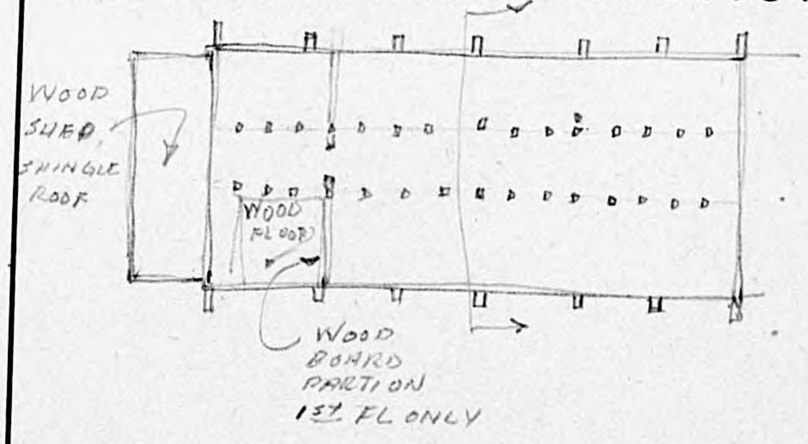
NAME OF PLANT	
TYPE OF INDUSTRY	
CITY / TARGET NO.	BLDG. NO. 129
LAT. / LONG / AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR / EXTERIOR	
STRUCT. DETAIL / NO. OF EXPOSURES	

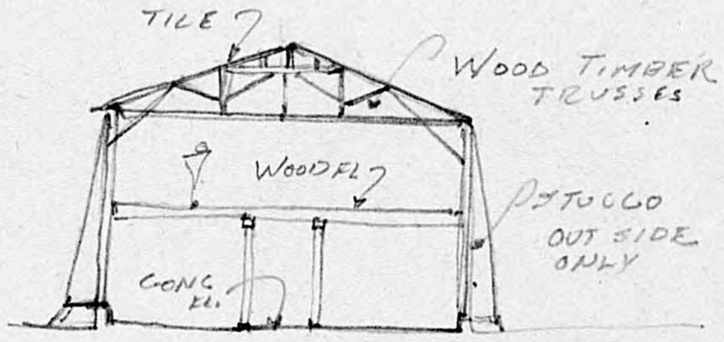
TEAM

DAMAGE ASSESMENT

DESTROYED
STRUCTURAL DAMAGE
SUPERFICIAL DAMAGE
ROOF DISTURBANCE
MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -





NOTE:

#134 PRESENT BLDG SIMPLE WOOD CONST. ON ORIGINAL ~~SHAPE~~ FLOOR ~~of~~.

#131 CLEARED ?

#130 SIMPLE WOOD BLDG. DIRT FL. WOOD SHINGLES WOOD SIDING.

#128 SIMPLE WOOD BLDG., SIDING, TARRED ROOF, WOOD FL.

#127 10" STONE WALLS CONC. FL., WOOD AND TILE ROOF

BLDG. NUMBER

129

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

ADMINISTRATION

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR 1st	TYPE WOOD	THICKNESS
FLOOR 2 ND	TYPE WOOD	THICKNESS
WALLS	TYPE WOOD FRAME 6" (PLASTER & STUCCO)	THICKNESS
ROOF MATERIAL	TYPE WOOD & TILE	THICKNESS
TRUSS	TYPE SIMPLE WOOD	SPAN
CRANES NO. NO	TYPE	LOAD CAPACITY
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT	
TYPE OF INDUSTRY	
CITY	TARGET NO. / BLDG. NO. 138
LAT. LONG AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES

TEAM

DAMAGE ASSESMENT

DESTROYED
STRUCTURAL DAMAGE
SUPERFICIAL DAMAGE
ROOF DISTURBANCE
MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE: #135 SIMPLE WOOD STRUCTURE - TWO STORYS

#136 SIMPLE WOOD STRUCTURE

137 a, b, & c. WOOD STRUCTURES

BLDG. NUMBER 138

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

LEAD SODIUM ALLOY PRODUCED.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE		REMARKS
FLOOR	TYPE	THICKNESS	
1	CONC.	4"	
FLOOR	TYPE	THICKNESS	
WALLS	TYPE	THICKNESS	
WOOD FRAME	STUCCO W/OUT	6"	
ROOF MATERIAL	TYPE	THICKNESS	
W/OOD	WITH STUCCO		
TRUSS	TYPE	SPAN	
WOOD AS SHOWN			
CRANES NO.	TYPE	LOAD CAPACITY	
No			
MACHINERY REMOVED TO		REASON	
REPAIRS AND CLEARANCES			
NEW CONSTRUCTION			

NAME OF PLANT	
TYPE OF INDUSTRY	
CITY	TARGET NO. / BLDG. NO. 150
LAT. LONG AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES

TEAM

DAMAGE ASSESMENT

DESTROYED

STRUCTURAL DAMAGE

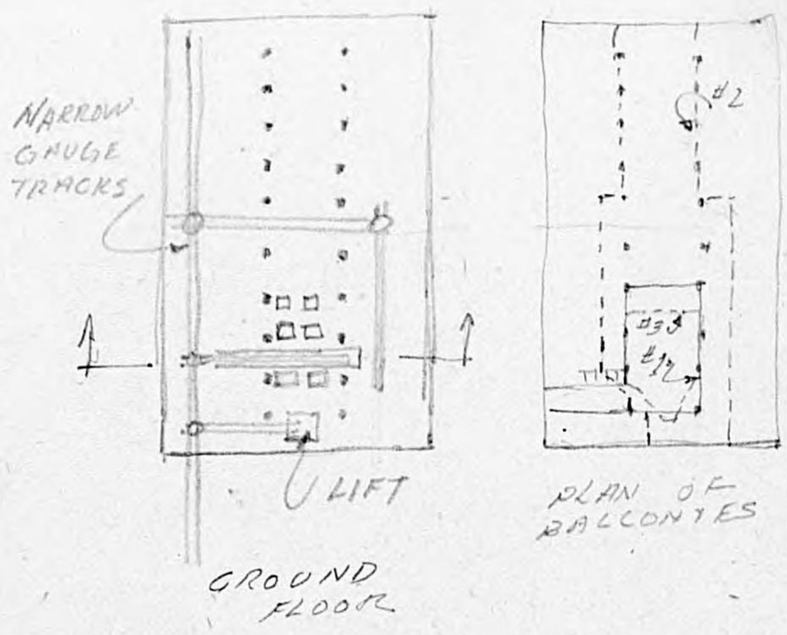
SUPERFICIAL DAMAGE

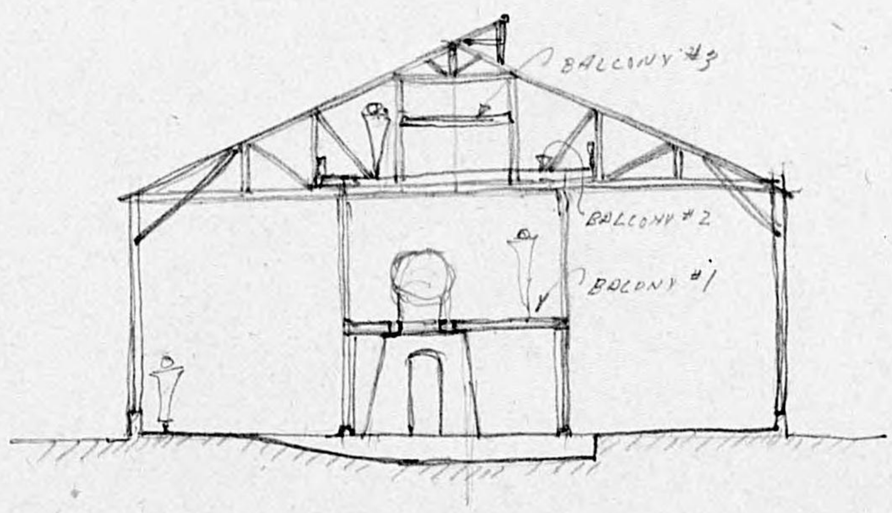
ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE: BALCONY #1 & 2 HAVE 1" CEMENT FLOOR





BLDG. NUMBER 150

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

REFRIGERATION UNITS

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
1	CONC.	6"
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
WOOD FRAME	STUCCO 2 SIDES	6"
ROOF MATERIAL	TYPE	THICKNESS
	WOOD AND	
TRUSS	TYPE	SPAN
	WOOD AS SHOWN	
CRANES NO.	TYPE	LOAD CAPACITY
NO.		
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT		
TYPE OF INDUSTRY		
CITY	TARGET NO.	BLDG. NO.
		151
LAT.	LONG AREA	
INTEL. SUBJECT NUMBER		DATE
PHOTOGRAPHY		ROLL - NEG NUMBER
INTERIOR	EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

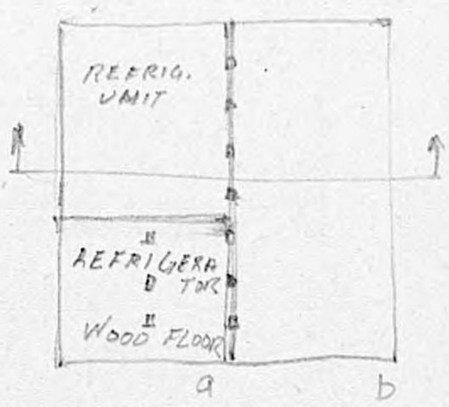
STRUCTURAL DAMAGE

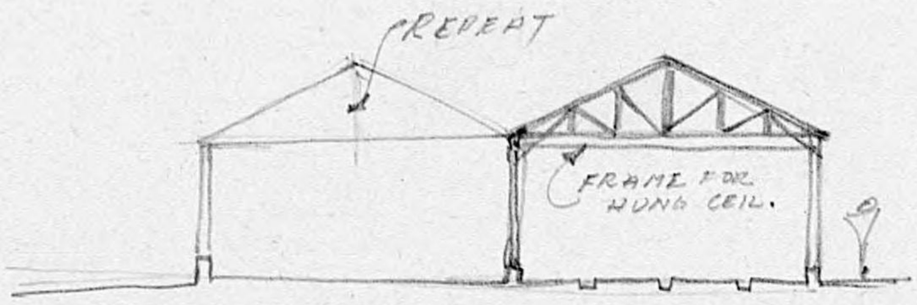
SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -





BLDG. NUMBER

151

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

TETRA ETHYL LEAD PRODUCED

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
1	DIRT	
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
	WOOD FRAME STUCCO IN & OUT	
ROOF MATERIAL	TYPE	THICKNESS
	WOOD WITH STUCCO	
TRUSS	TYPE	SPAN
	STEEL AS SHOWN	
CRANES NO. NO	TYPE	LOAD CAPACITY
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT		
TYPE OF INDUSTRY		
CITY	TARGET NO.	BLDG. NO. 154
LAT. LONG	AREA	
INTEL. SUBJECT NUMBER		DATE
PHOTOGRAPHY		ROLL - NEG NUMBER
INTERIOR	EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

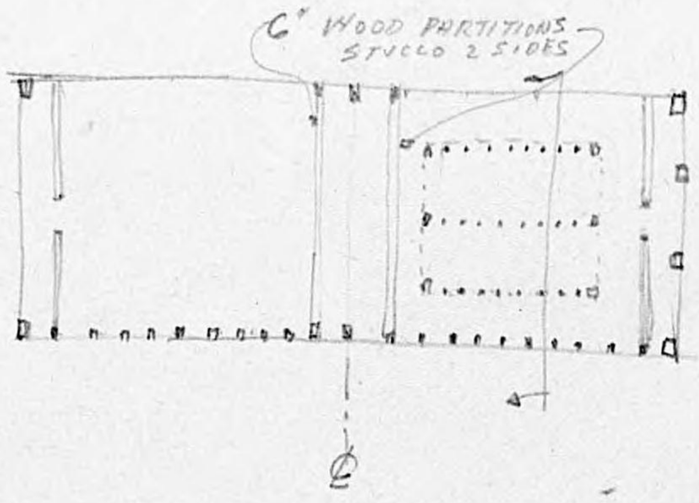
STRUCTURAL DAMAGE

SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

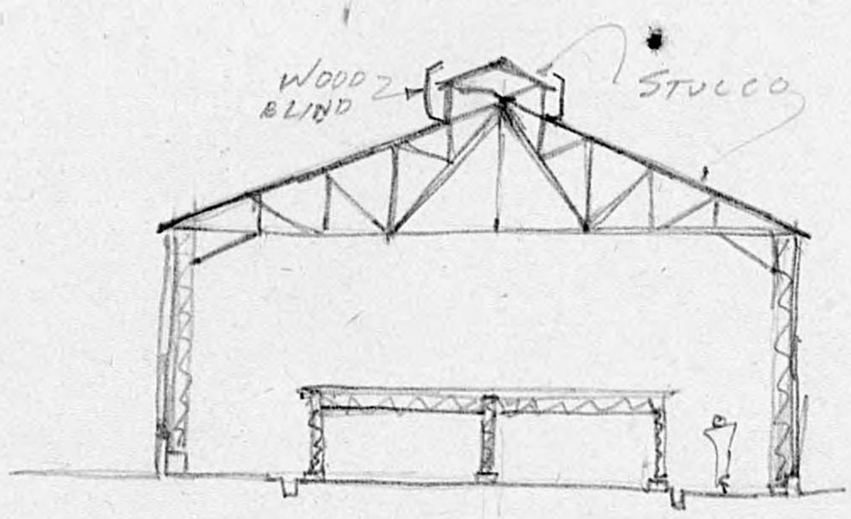
GENERAL NOTES - SECTIONS - PLANS - ETC - NOTE.



BLDG #157 SAME AS #154

#122 SAME AS 154 BUT HAS ONLY 9 BAYS

#30, #120, #108 SAME AS 122 ONLY 8 BAYS



BLDG. NUMBER

154

SHEET 30 OF 44

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

FUMES DISPOSAL

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS

FLOOR	TYPE	THICKNESS
1	CONC.	

FLOOR	TYPE	THICKNESS

WALLS	TYPE	THICKNESS
	WOOD FRAME STUCCO 2 SIDES	

ROOF MATERIAL	TYPE	THICKNESS
	WOOD WITH	

TRUSS	TYPE	SPAN
	WOOD	

CRANES NO.	TYPE	LOAD CAPACITY

MACHINERY REMOVED TO — REASON

REPAIRS AND CLEARANCES

NEW CONSTRUCTION

NAME OF PLANT		
TYPE OF INDUSTRY		
CITY	TARGET NO.	BLDG. NO.
LAT. LONG	AREA	155
INTEL. SUBJECT NUMBER		DATE
PHOTOGRAPHY		ROLL - NEG NUMBER
INTERIOR	EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

STRUCTURAL DAMAGE

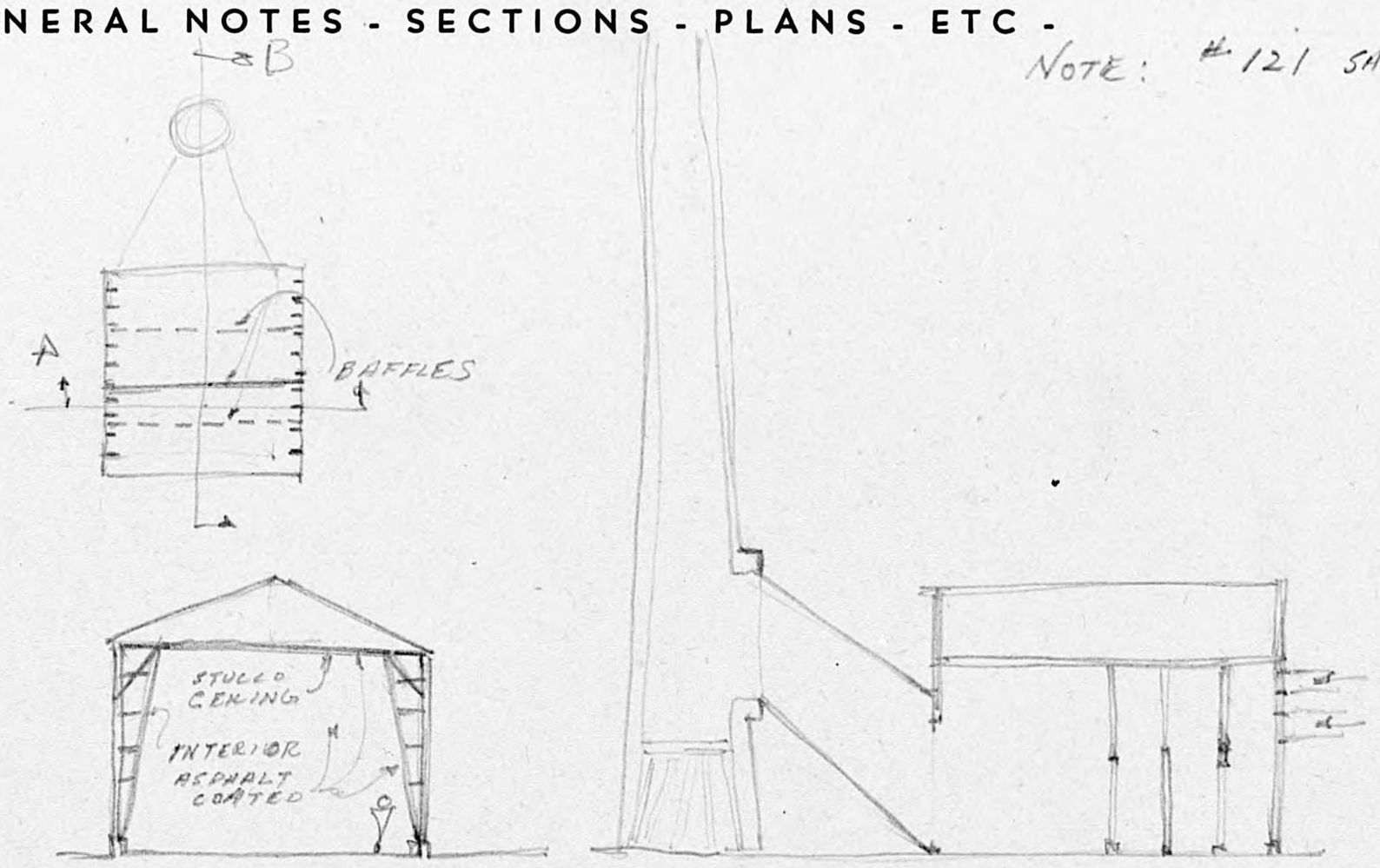
SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE: #121 SAME AS #155



SECT. A.

BLDG. NUMBER

155

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

TETRAETHYL LEAD PURIFICATION

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE		REMARKS
FLOOR	TYPE	THICKNESS	
1	CONC.		
FLOOR	TYPE	THICKNESS	
WALLS	TYPE	THICKNESS	
WOOD FRAME STUCCO 2 SIDES			
ROOF MATERIAL	TYPE	THICKNESS	
WOOD WITH STUCCO.			
TRUSS	TYPE	SPAN	
WOOD AS SHOWN			
CRANES NO.	TYPE	LOAD CAPACITY	
NO			
MACHINERY REMOVED TO		REASON	
REPAIRS AND CLEARANCES			
NEW CONSTRUCTION			

NAME OF PLANT

TYPE OF INDUSTRY

CITY	TARGET NO.	BLDG. NO.
		156
LAT.	LONG AREA	
INTEL. SUBJECT NUMBER		DATE

PHOTOGRAPHY — ROLL - NEG NUMBER

INTERIOR EXTERIOR

STRUCT. DETAIL NO. OF EXPOSURES

TEAM

DAMAGE ASSESMENT

DESTROYED

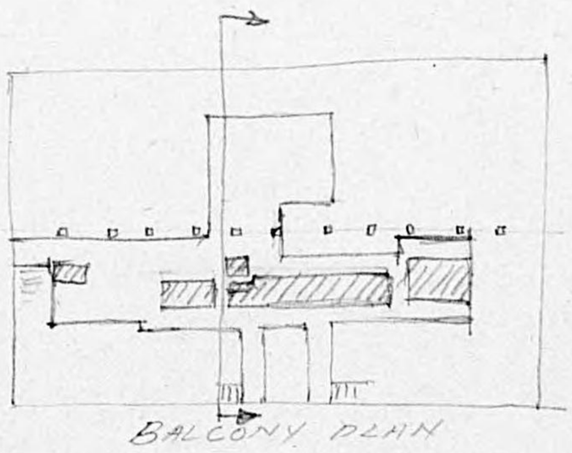
STRUCTURAL DAMAGE

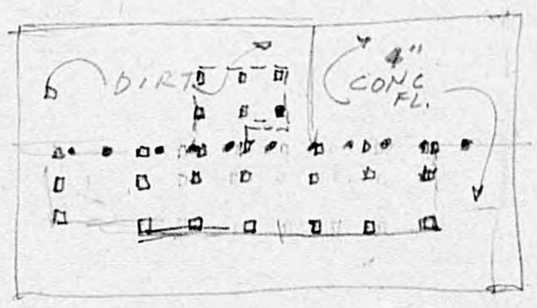
SUPERFICIAL DAMAGE

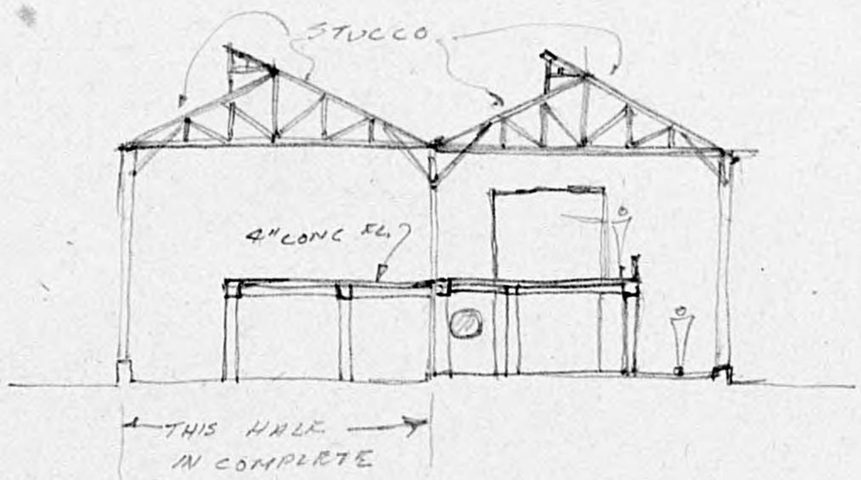
ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -







BLDG. NUMBER

156

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

ETHYL CHLORIDE PRODUCED.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
1	CONC	4"
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
WOOD FRAME - STUCCO OUTSIDE		6"
ROOF MATERIAL	TYPE	THICKNESS
WOOD PURLINS & ROOFING AND STUCCO ROOF		
TRUSS	TYPE	SPAN
STEEL AS SHOWN		
CRANES NO.	TYPE	LOAD CAPACITY
NO		
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT	
TYPE OF INDUSTRY	
CITY	TARGET NO. / BLDG. NO. 158
LAT. LONG AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

STRUCTURAL DAMAGE

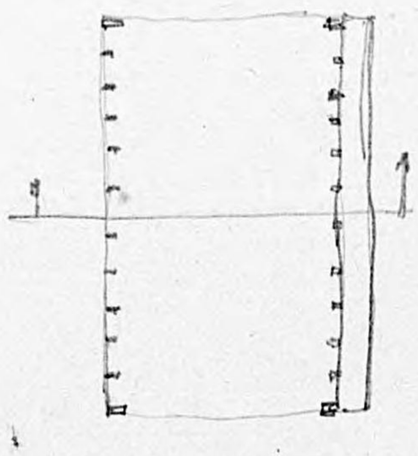
SUPERFICIAL DAMAGE

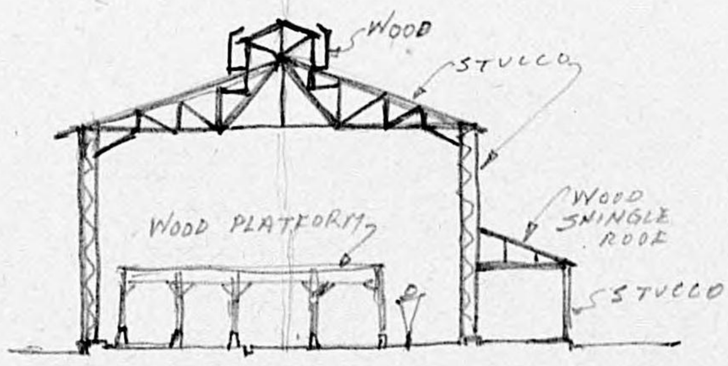
ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE! #132 SAME AS #158 EXCEPT ONLY 9 BAYS.





BLDG. NUMBER

158

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

SULFURIC ACID STORAGE TANKS.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE		REMARKS
FLOOR	TYPE	THICKNESS	
FLOOR	TYPE	THICKNESS	
WALLS	TYPE	THICKNESS	
ROOF MATERIAL	TYPE	THICKNESS	
TRUSS	TYPE	SPAN	
CRANES NO.	TYPE	LOAD CAPACITY	
MACHINERY REMOVED TO		REASON	
REPAIRS AND CLEARANCES			
NEW CONSTRUCTION			

NAME OF PLANT

TYPE OF INDUSTRY

CITY | TARGET NO. | BLDG. NO. 159

LAT. | LONG | AREA

INTEL. SUBJECT NUMBER | DATE

PHOTOGRAPHY | ROLL - NEG NUMBER

INTERIOR | EXTERIOR

STRUCT. DETAIL | NO. OF EXPOSURES

TEAM

DAMAGE ASSESMENT

DESTROYED

STRUCTURAL DAMAGE

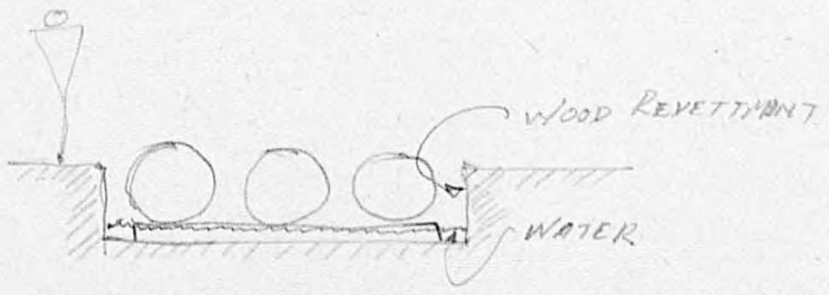
SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE: NO BUILDING



#160a PIT, CONC.
b REVETTED STEEL TANK

BLDG. NUMBER

159

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

DIETHYL PHENOLAMINE PRODUCED.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
	AS SHOWN	
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
	WOOD FRAME STUCCO IN & OUT	6½"
ROOF MATERIAL	TYPE	THICKNESS
	WOOD & STUCCO	
TRUSS	TYPE	SPAN
	WOOD AS SHOWN	
CRANES NO.	TYPE	LOAD CAPACITY
	NO	
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

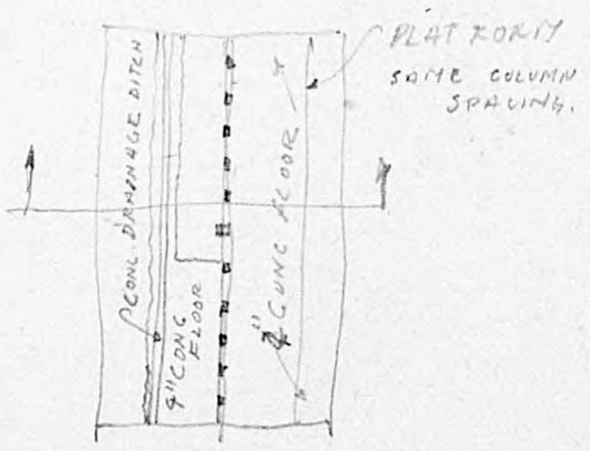
NAME OF PLANT	
TYPE OF INDUSTRY	
CITY	TARGET NO. / BLDG. NO. 163
LAT. LONG AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL NO. OF EXPOSURES	

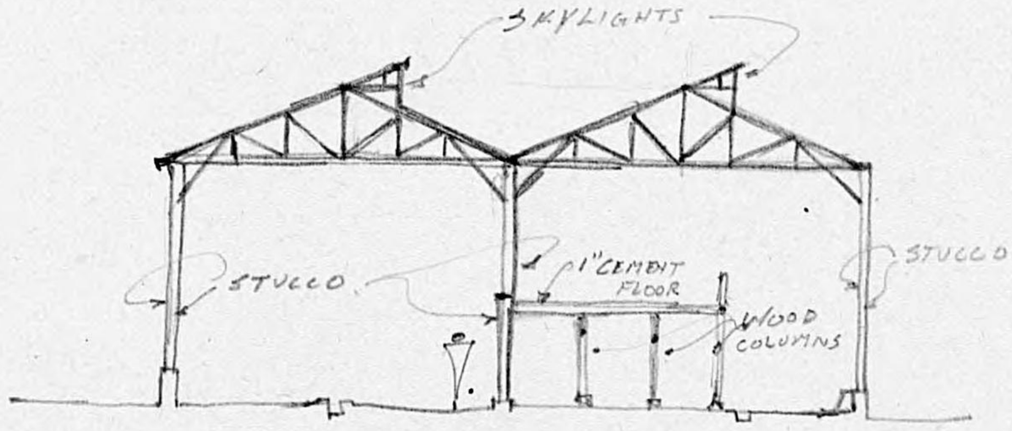
TEAM

DAMAGE ASSESMENT

DESTROYED
STRUCTURAL DAMAGE
SUPERFICIAL DAMAGE
ROOF DISTURBANCE
MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -





BLDG. NUMBER 163

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

BOILER HOUSE

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
1	DIRT	
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
WOOD FRAME	STUCCO IN & OUT	
ROOF MATERIAL	TYPE	THICKNESS
WOOD WITH STUCCO ROOF		
TRUSS	TYPE	SPAN
WOOD	AS SHOWN	
CRANES NO.	TYPE	LOAD CAPACITY
NO		
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT		
TYPE OF INDUSTRY		
CITY	TARGET NO.	BLDG. NO.
		164
LAT.	LONG AREA	
INTEL. SUBJECT NUMBER		DATE
PHOTOGRAPHY		ROLL - NEG NUMBER
INTERIOR	EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

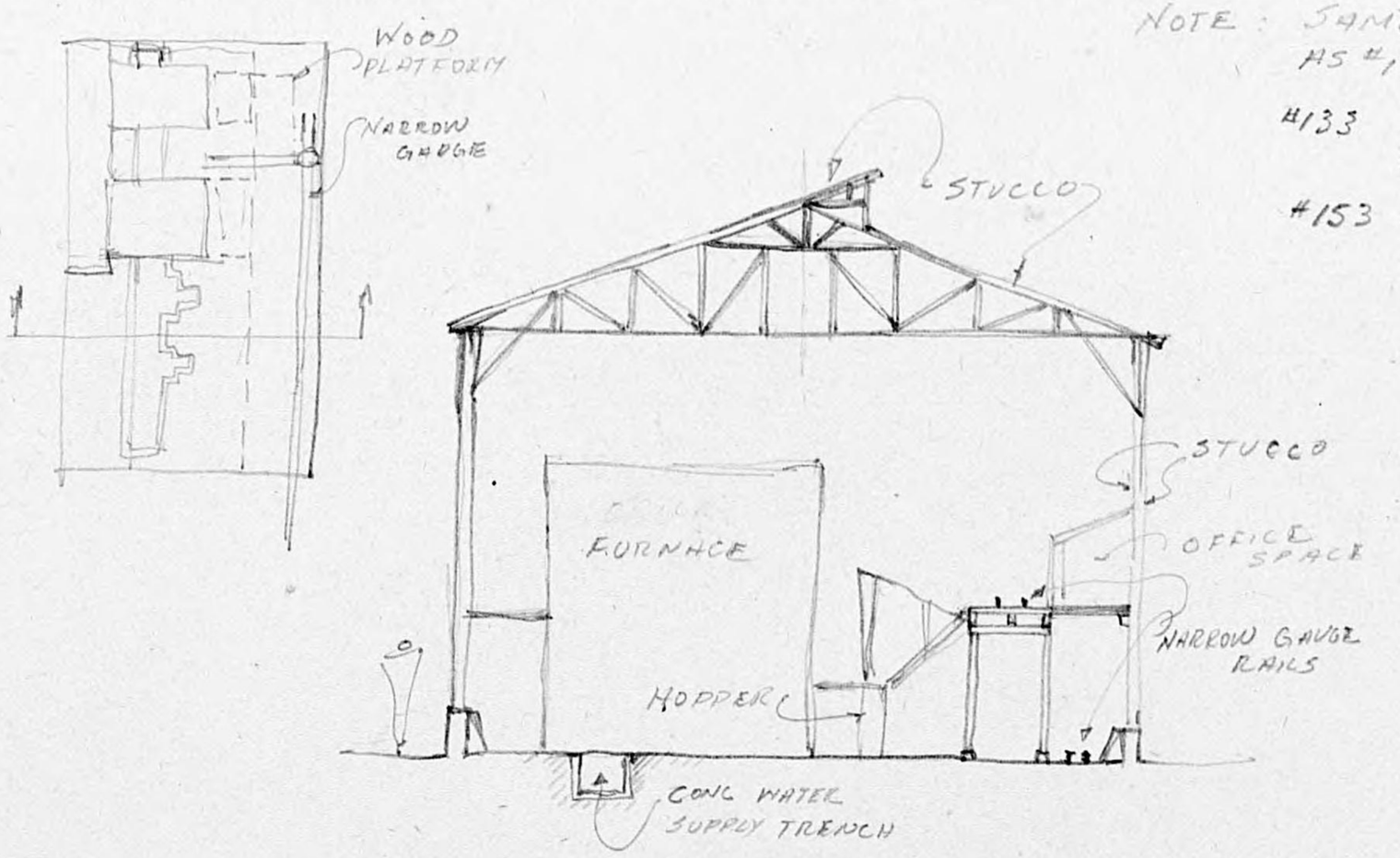
STRUCTURAL DAMAGE

SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -



NOTE: SAME NO. OF BAYS AS #163.

#133 SAME AS 164 WITH CONC. FL.

#153 SAME AS 164 WITHOUT BALCONY

BLDG. NUMBER

164

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

WHSE.

STRUCTURAL ANALYSIS

YEAR BUILT | ORIGINAL USE | REMARKS

FLOOR | TYPE: DIRT | THICKNESS

FLOOR | TYPE | THICKNESS

WALLS | TYPE: W/OOD FRAME & BOARDS | THICKNESS

ROOF MATERIAL | TYPE: WOOD & TILE | THICKNESS

TRUSS | TYPE: WOOD TIMBERS. AS SHOWN | SPAN

CRANES NO.: NO | TYPE | LOAD CAPACITY

MACHINERY REMOVED TO | REASON

REPAIRS AND CLEARANCES

NEW CONSTRUCTION

NAME OF PLANT

TYPE OF INDUSTRY

CITY | TARGET NO. | BLDG. NO.: 167

LAT. | LONG | AREA

INTEL. SUBJECT NUMBER | DATE

PHOTOGRAPHY | ROLL - NEG NUMBER

INTERIOR | EXTERIOR

STRUCT. DETAIL | NO. OF EXPOSURES

TEAM

DAMAGE ASSESMENT

DESTROYED

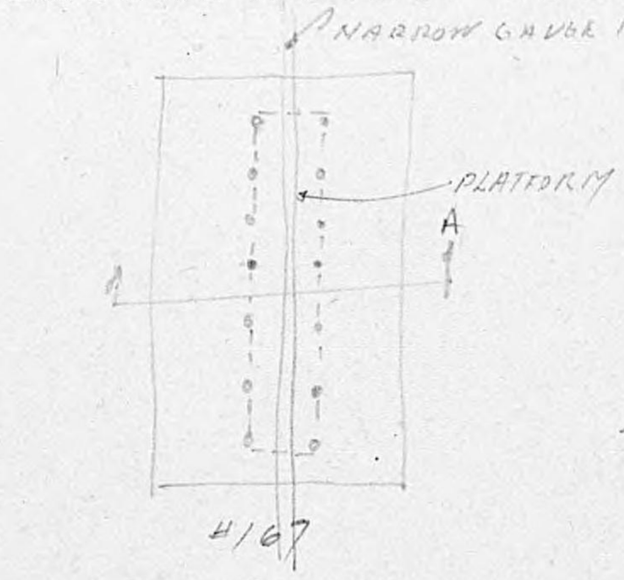
STRUCTURAL DAMAGE

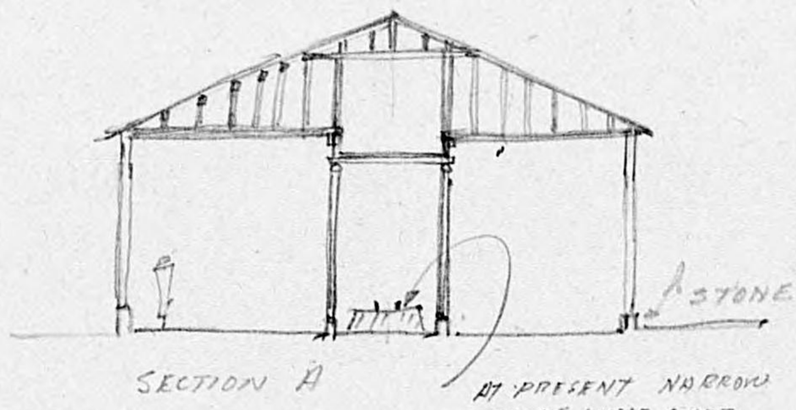
SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

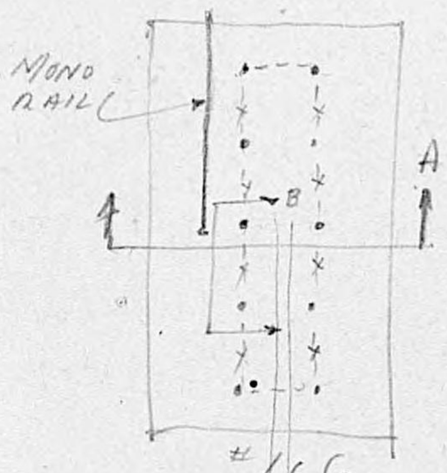
GENERAL NOTES - SECTIONS - PLANS - ETC -

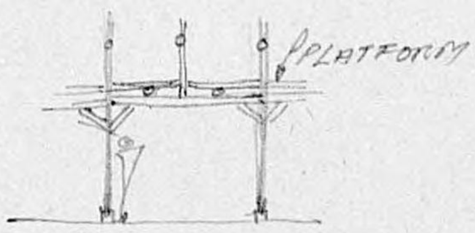




SECTION A

AT PRESENT NARROW GAUGE DUMP CART RAILS





SECT. B

NOTE: #166 SAME CONST. AS 167 - BOARDS INSIDE & OUT. ALTERNATING ½ COLUMNS - SEE PLAN. STUCCO OUTSIDE STUCCO ROOFING

#165 SAME AS 166 NO MONO RAIL OR NARROW GAUGE

#162 DESTROYED BY FIRE AFTER BOMBING.

BLDG. NUMBER

167

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

CASTINGS.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR 1	TYPE DIRT	THICKNESS
FLOOR	TYPE	THICKNESS
WALLS	TYPE WOOD FRAME BOARDS OUTSIDE	THICKNESS
ROOF MATERIAL	TYPE WOOD ROOFING & TILE	THICKNESS
TRUSS	TYPE SIMPLE WOOD	SPAN
CRANES NO. NO	TYPE	LOAD CAPACITY
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT	
TYPE OF INDUSTRY	
CITY	TARGET NO. / BLDG. NO. 168
LAT. LONG AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

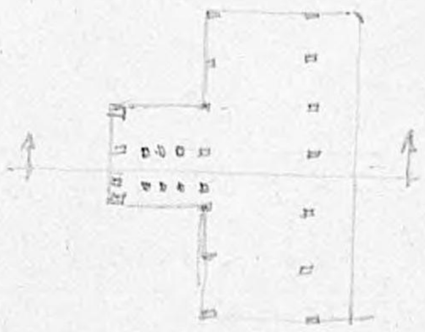
STRUCTURAL DAMAGE

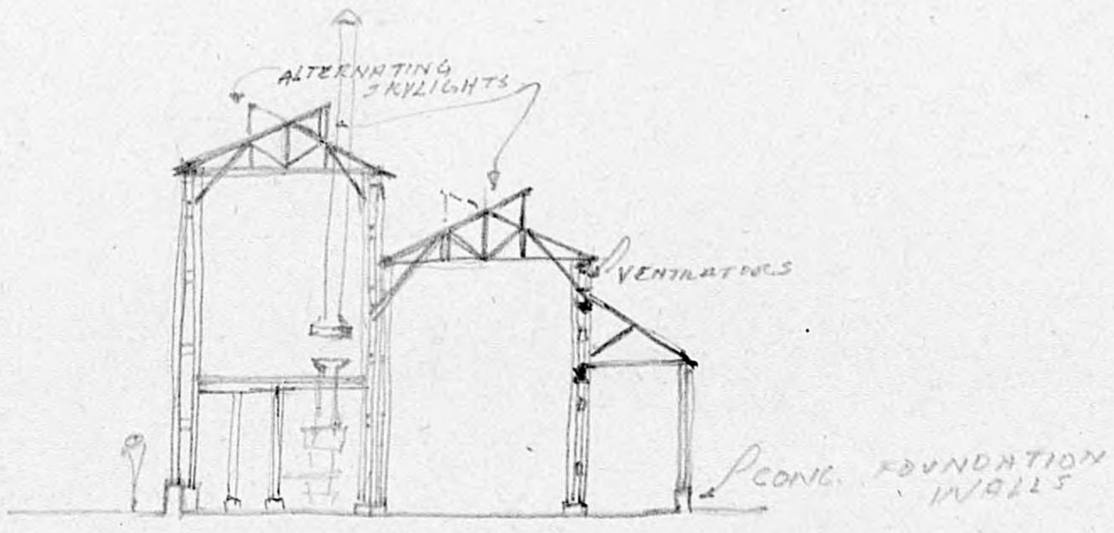
SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -





BLDG. NUMBER

168

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

SODIUM CHLORIDE PRODUCED.

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
1	CONC	6"
FLOOR	TYPE	THICKNESS
1 BALCONY	WOOD WITH 1" CEMENT TOPPING	
WALLS	TYPE	THICKNESS
WOOD FRAME - BOARDS OUT 5"		
ROOF MATERIAL	TYPE	THICKNESS
WOOD WITH TILE		
TRUSS	TYPE	SPAN
WOOD AS SHOWN		
CRANES NO.	TYPE	LOAD CAPACITY
NO		
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

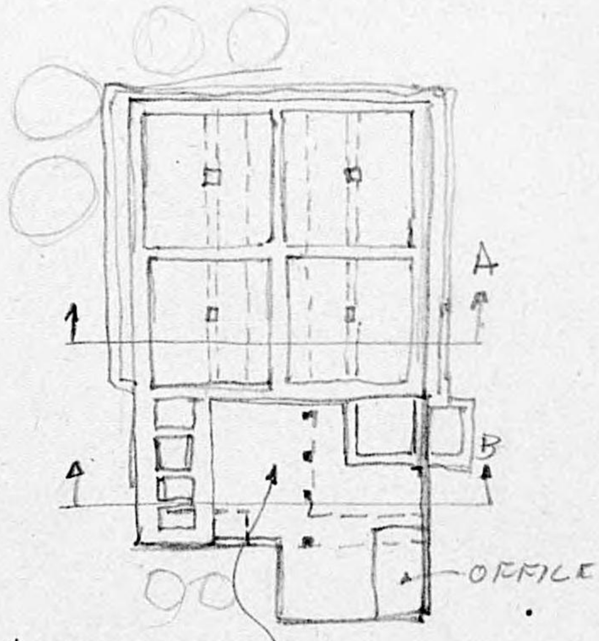
NAME OF PLANT	
TYPE OF INDUSTRY	
CITY / TARGET NO.	BLDG. NO. 169
LAT. LONG AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

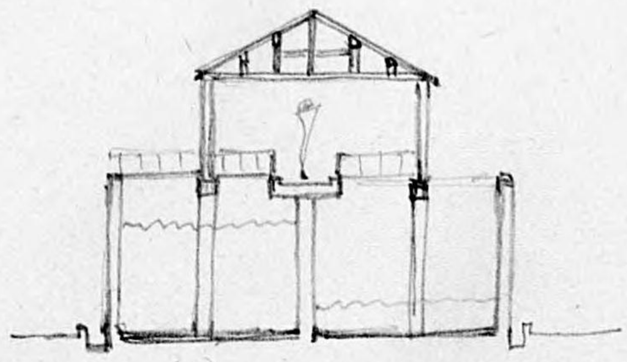
DESTROYED
STRUCTURAL DAMAGE
SUPERFICIAL DAMAGE
ROOF DISTURBANCE
MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

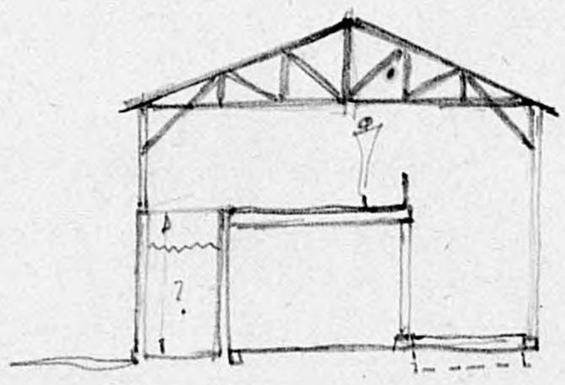


1" CEMENT FLOOR
WOOD PLATFORM

1st FL. PLAN



SECTION A



SECTION B

BLDG. NUMBER

169

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

PUMP HOUSE

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
ROOF MATERIAL	TYPE	THICKNESS
TRUSS	TYPE	SPAN
CRANES NO.	TYPE	LOAD CAPACITY
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT	
TYPE OF INDUSTRY	
CITY TARGET NO.	BLDG. NO. 170
LAT. LONG AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

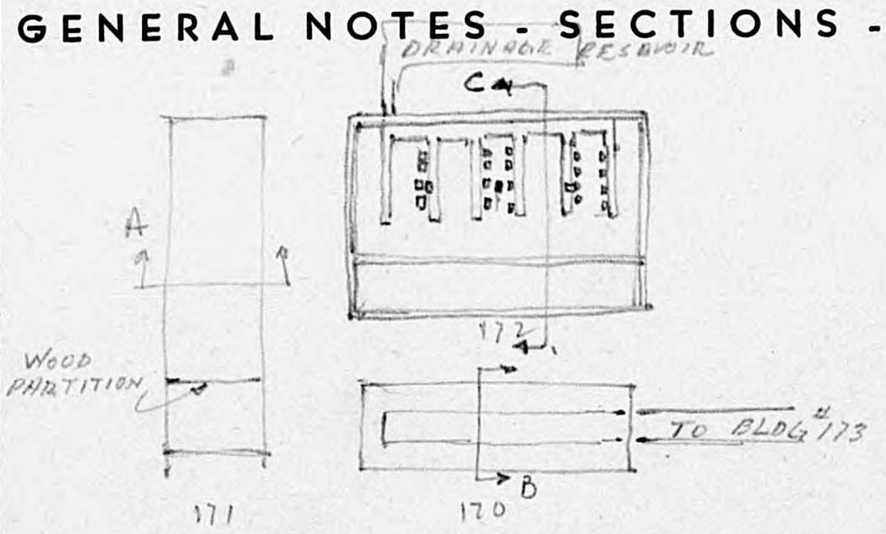
STRUCTURAL DAMAGE

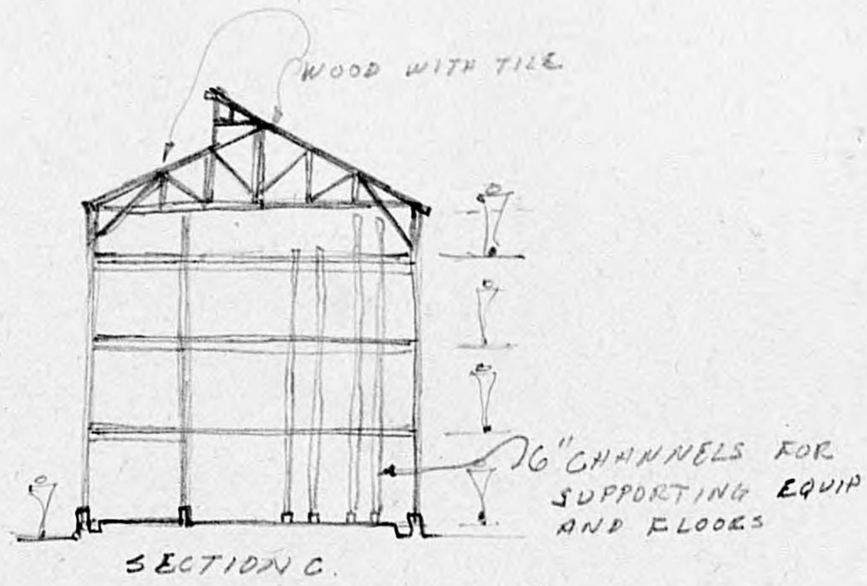
SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

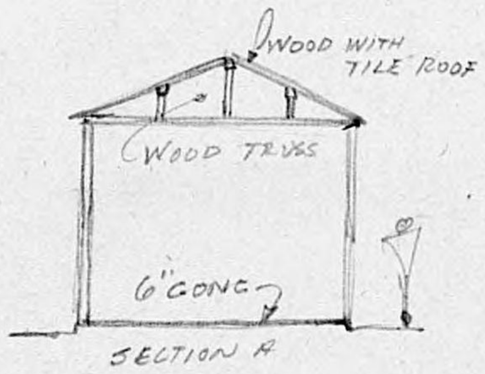
GENERAL NOTES - SECTIONS - PLANS - ETC -





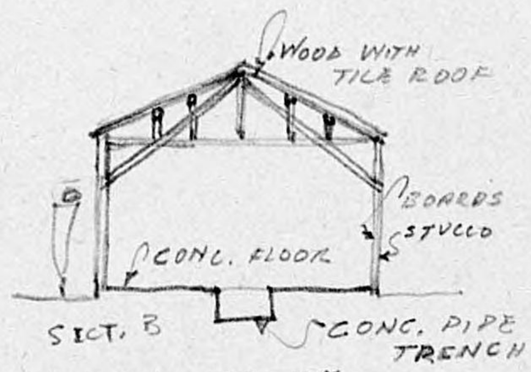
SECTION C.

6" CONC. FLOOR
WOOD FRAME & BOARDS OUT.
PARTITION, BOARDS TWO SIDES
ALL FLOORS WOOD
3 WOOD COLUMNS —



SECTION A

WOOD FRAME
BOARDS IN & OUTSIDE



SECT. B

WOOD FRAME & TRUSSES

BLDG. NUMBER

171 & 172 170

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

HYDROCHLORIC ACID PRODUCED

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
1	CONC.	4"
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
WOOD FRAME & SIDING.		
ROOF MATERIAL	TYPE	THICKNESS
WOOD & TILE		
TRUSS	TYPE	SPAN
WOOD	AS SHOWN	
CRANES NO.	TYPE	LOAD CAPACITY
NO		

MACHINERY REMOVED TO — REASON

REPAIRS AND CLEARANCES

NEW CONSTRUCTION

NAME OF PLANT		
TYPE OF INDUSTRY		
CITY	TARGET NO.	BLDG. NO.
LAT. LONG AREA		173
INTEL. SUBJECT NUMBER		DATE
PHOTOGRAPHY		ROLL - NEG NUMBER
INTERIOR	EXTERIOR	
STRUCT. DETAIL	NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

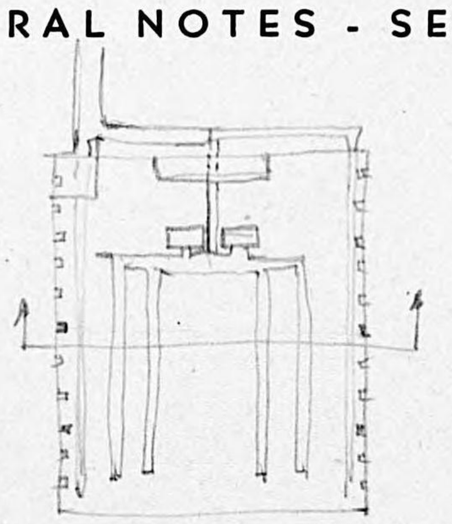
STRUCTURAL DAMAGE

SUPERFICIAL DAMAGE

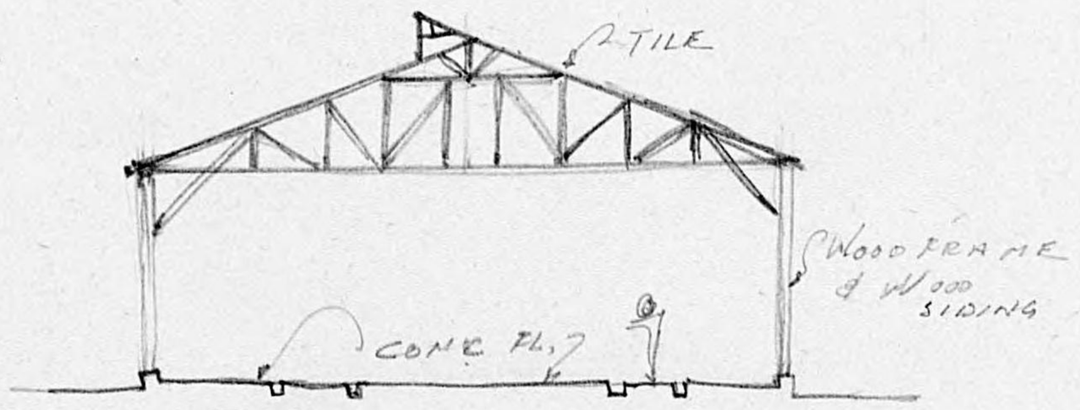
ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -



BLDG: 174



BLDG. NUMBER

173

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

ELECTRIC GENERATORS

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS

FLOOR	TYPE	THICKNESS
1	½ WOOD & ½ 2" CEMENT	
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
WOOD FRAME	SIDING OUT	
ROOF MATERIAL	TYPE	THICKNESS
	WOOD WITH TILE	
TRUSS	TYPE	SPAN
	W/OOD AS SHOWN	
CRANES NO. No	TYPE	LOAD CAPACITY
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

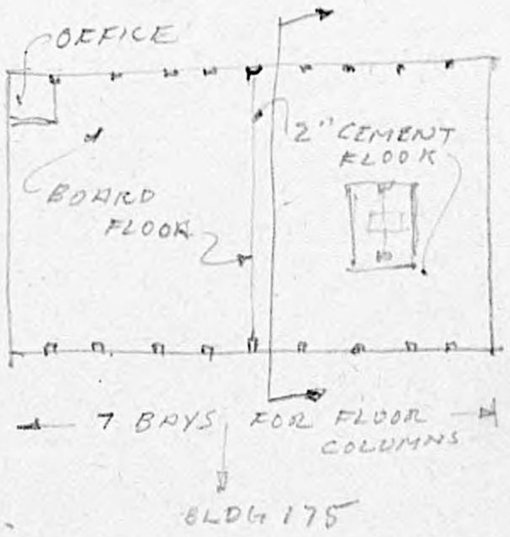
NAME OF PLANT	
TYPE OF INDUSTRY	
CITY / TARGET NO.	BLDG. NO. 174
LAT. / LONG / AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR / EXTERIOR	
STRUCT. DETAIL / NO. OF EXPOSURES	

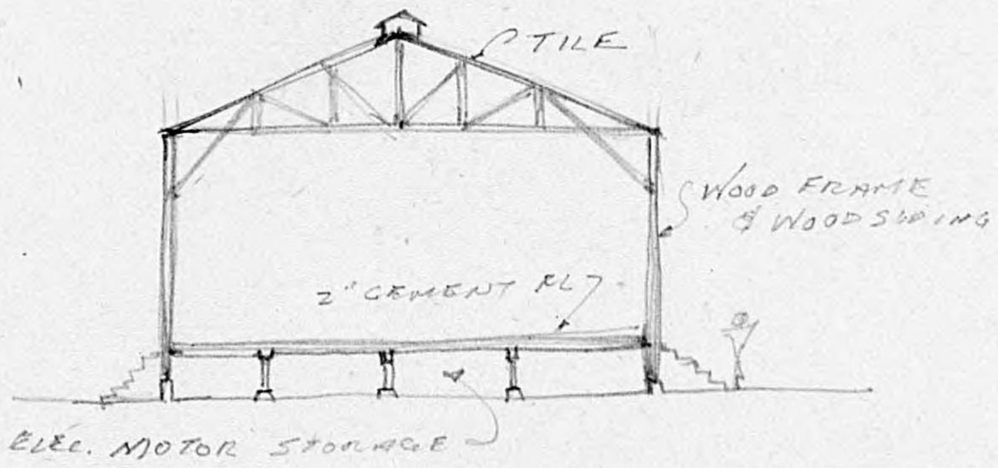
TEAM

DAMAGE ASSESMENT

DESTROYED
STRUCTURAL DAMAGE
SUPERFICIAL DAMAGE
ROOF DISTURBANCE
MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -





BLDG. NUMBER

174

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

SODIUM HYDROXIDE CONSENTRATION

STRUCTURAL ANALYSIS

YEAR BUILT	ORIGINAL USE	REMARKS
FLOOR	TYPE	THICKNESS
FLOOR	TYPE	THICKNESS
WALLS	TYPE	THICKNESS
ROOF MATERIAL	TYPE	THICKNESS
TRUSS	TYPE	SPAN
CRANES NO.	TYPE	LOAD CAPACITY
MACHINERY REMOVED TO		REASON
REPAIRS AND CLEARANCES		
NEW CONSTRUCTION		

NAME OF PLANT	
TYPE OF INDUSTRY	
CITY TARGET NO.	BLDG. NO. 177
LAT. LONG AREA	
INTEL. SUBJECT NUMBER	DATE
PHOTOGRAPHY	ROLL - NEG NUMBER
INTERIOR EXTERIOR	
STRUCT. DETAIL NO. OF EXPOSURES	

TEAM

DAMAGE ASSESMENT

DESTROYED

STRUCTURAL DAMAGE

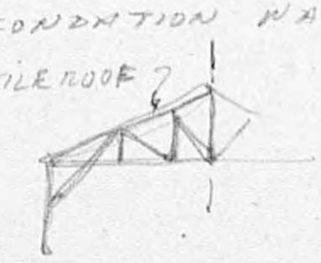
SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -

NOTE: BLDG 177 SIMPLE WOOD CONST. DIRT FLOOR SIDING OUTSIDE. 7 WOOD TRUSSES, STONE FONDATION WALL TILE ROOF ?



BLDG #176 SAME AS #177 CONST.

BLDG #175 SAME AS 177

BLDG #152 SIMPLE WOOD CONST. SIDING OUT. TILE ROOF, DIRT FLOOR

BLDG. NUMBER

177

U. S. S. B. S.
DAMAGE ASSESMENT WORK SHEET

FUNCTION

SODIUM HYDROXIDE CONSENTRATION

STRUCTURAL ANALYSIS

YEAR BUILT | ORIGINAL USE | REMARKS

FLOOR | TYPE | THICKNESS
1 | CONC.

FLOOR | TYPE | THICKNESS

WALLS | TYPE | THICKNESS
WOOD FRAME SIDING OUT

ROOF MATERIAL | TYPE | THICKNESS
WOOD AND TILE

TRUSS | TYPE | SPAN
WOOD AS SHOWN

CRANES NO. | TYPE | LOAD CAPACITY
NO.

MACHINERY REMOVED TO | REASON

REPAIRS AND CLEARANCES

NEW CONSTRUCTION

NAME OF PLANT

TYPE OF INDUSTRY

CITY | TARGET NO. | BLDG. NO.

LAT. | LONG | AREA | 178

INTEL. SUBJECT NUMBER | DATE

PHOTOGRAPHY | ROLL - NEG NUMBER

INTERIOR | EXTERIOR

STRUCT. DETAIL | NO. OF EXPOSURES

TEAM

DAMAGE ASSESMENT

DESTROYED

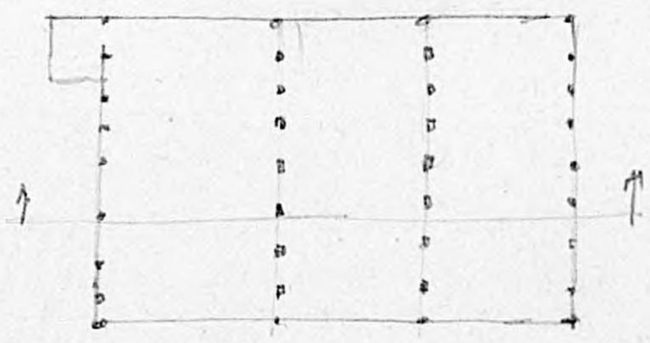
STRUCTURAL DAMAGE

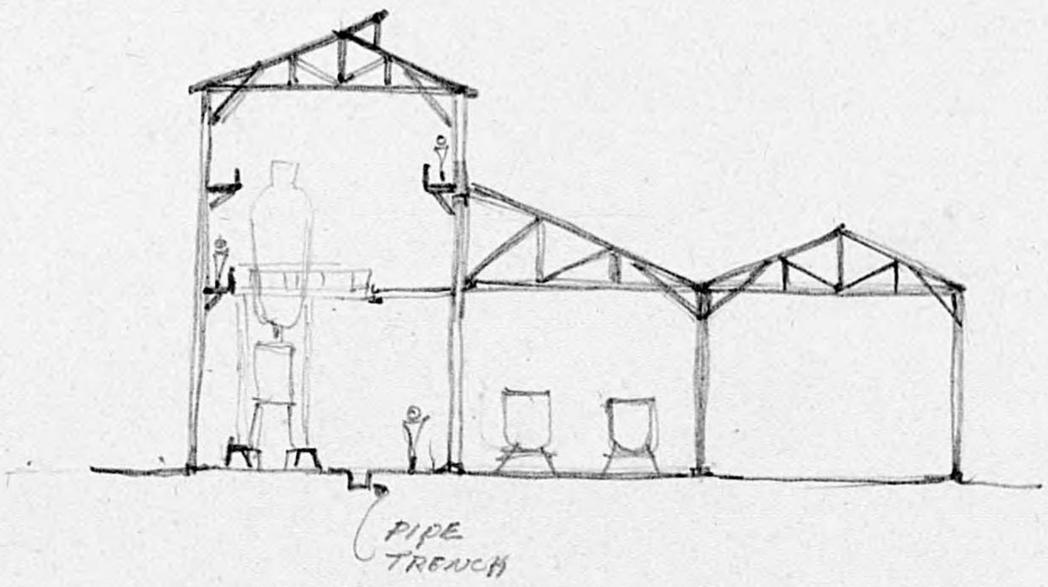
SUPERFICIAL DAMAGE

ROOF DISTURBANCE

MINOR DAMAGE

GENERAL NOTES - SECTIONS - PLANS - ETC -





BLDG. NUMBER

178

TEAM LOG SHEET

TEAM No. PIC. LL **TEAM COMDR.** H. GYGI CAPT. A.C.

TARGET No. PIC-LL-X4 **TARGET LOCATION** KORIYAMA (90.10 - #2025)

DATE 13 NOV. 1945

*Photo No.	Description				Requested By
PACK NO.					
PIC-LL-6:					
1.	BUILDING #41	EXTERIOR	LOOKING	NE	
2.	"	#40	"	"	NE
3.	"	#38	"	"	NE
4.	"	#27	"	"	NE
5	"	#16	"	"	NE
6	"	#18	"	"	NE
7	"	#154	"	"	NE
8	"	#154	INTERIOR	"	NE
9	"	#138	EXTERIOR	"	SW

*Photo No. must correspond with Photographers Photo No.