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of Engineers
Huntsville Division

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AVENNA AAP

ena, Ohio

Investigation and Evaluation of Underground Storage Tanks

September 1989

Prepared for:

Department of the Army
Corps of Engineers
Huntsville Division
106 Wynn Drive
Huntsville, Alabama 35807

by:

Department of the Army
Corps of Engineers

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Department of the Army
Corps of Engineers
Omaha District
215 N. 17th St.
Omaha, NE 68102

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EXECUTIVE SUMMARY

The Underground Storage Tank (UST) site investigation at Ravenna AAF was performed on 21 and 22 August 1983. A total of 50 tanks were inventoried, including 15 which are currently active, 27 currently inactive due to Site Facility Layaway and 8 which have been abandoned. Of the 50 tanks, 28 are used for or have been used for the storage of heating oil. The remaining tanks are being or have been used for storing gasoline, diesel fuel, and used motor oil. Of the 8 abandoned tanks, one (RVAAP-20) has been filled with sand. Three of these abandoned tanks (RVAAP-26, 27 and 28) are merely just piping remains to indicate tank location.

In a recent analysis of samples taken from 11 of the inactive tanks, it was determined that 10 of the 11 contained hazardous waste liquids due to high chromium levels. The source of this high chromium level is believed to have been a corrosion inhibitor/water solution, which the tanks had been filled with. Since these 10 tanks were last used prior to January 1964, it was determined that these tanks are eligible for DERA funding for removal. In total, 33 of the 50 underground tanks at Ravenna have been inactive and out of use since January 1964 and, therefore, are eligible for DERA funding for removal.

INTRODUCTION

On September 23, 1982, the Environmental Protection Agency published Title 40, Code of Federal Regulations, Part 280 (40 CFR 280). This regulation established specific requirements for the design, performance, and monitoring of both new and existing underground storage tanks (USTs). In order to comply with 40 CFR 280, the Army Material Command (AMC) tasked the U.S. Army Corps of Engineers, Huntsville Division (CEHND) with investigating all known USTs at all installations under the U.S. Army Depot Systems Command (DESCOM) and the U.S. Army Armament Munitions and Chemical Command (AMCCOM). CEHND subsequently contracted with the U.S. Army Corps of Engineers, Omaha District, to conduct all field investigations and develop a program to bring these tanks into compliance with 40 CFR 280. As per the Scope of Work (SOW), the investigations and compliance plans focus primarily on USTs which qualify for funding under the Defense Environmental Restoration Account (DERA).

SCOPE OF STUDY

All known existing USTs, as defined by 40 CFR 280, were investigated. In addition, all heating oil tanks were investigated. Each investigation consisted of a site visit to each tank, compilation of tank data (as outlined in the SOW), collection of EPA Form 7530 or state registration form for each UST, and collection of installation data such as underground water tables, installation soils data, and tank location upon the installation. Based on the findings of the investigation, a compliance plan was developed for each installation. This plan addresses the actions required, the costs involved, and the compliance dates required to bring each DERA eligible UST into compliance with the applicable provisions of the regulation. Remedial actions will be based on source control only, not groundwater remediation.

UNDERGROUND STORAGE TANK

INVESTIGATION AND EVALUATION INVENTORY

RAVENNA AAF

RAVENNA, OHIO

SEPTEMBER 1982

INSTALLATION/SOILS MAPS

WET SURVEY TANK #	INSTALLATION TANK #	CURRENT STATUS	YEAR INSTALLED	VOLUME, GALLON	DEPTH OF SPREADSHEET
1	RV 1	IU	1968	12,000	38
2	RV 2	IU	1968	12,000	38
3	RV 3	IU	1941	328	30
4	RV 10	NS4	1941	160	30
5	RV 11	IU	1941	15,000	14
6	RV 12	IU	1974	1,000	16
7	RV 13	NS4	1941	12,000	25
8	RV 14	NS4	1941	12,000	20
9	RV 15	NS4	1941	12,000	20
10	RV 16	NS4	1941	12,000	20
11	RV 17	NS4	1941	3,900	30
12	RV 18	NS4	1941	3,900	20
13	RV 19	NS4	1941	3,900	20
14	RV 20	NS4	1969	15,000	38
15	RV 21	NS4	1969	15,000	38
16	RV 22	NS4	1941	15,000	14
17	RV 23	IU	1941	15,000	32
18	RV 29	IU	1941	1,000	16
19	RV 33	IU	1968	2,000	40
20	RV 37	NS4	1941	5,000	20
21	RV 41	IU	1982	6,000	12
22	RV 46	NS4	1941	1,500	20
23	RV 47	NS4	1941	800	22
24	RV 50	NIU	1976	1,000	12
25	RV 51	IU	1976	550	12
26	RV 52	NIU	1941	1,000	40
27	RV 55	NS4	1941	20,000	24
28	RV 56	NS4	1941	20,000	24
29	RV 57	NS4	1941	15,000	20
30	RV 58	NS4	1941	15,000	20
31	RV 59	NS4	1941	25,000	18
32	RV 60	NS4	1941	25,000	18
33	RV 61	NS4	1941	20,000	16
34	RV 62	NS4	1941	20,000	16
35	RV 63	NS4	1941	20,000	26
36	RV 64	NIU	1941	20,000	28
37	RV 66	IU	1974	20,000	30
38	RV 67	IU	1974	20,000	30
39	RV 73	IU	1981	5,000	36
40	RV 80	NS4	1941	12,000	30
41	RV 81	NS4	1941	10,000	12
42	RV 82	NS4	1941	10,000	12
43	RV 83	NS4	1941	10,000	12
44	RV 86	NS4	U	U	26
45	RV 87	NS4	U	U	26
46	RV 88	NS4	1941	U	20
47	RV 19	NS4	U	U	26
48	RV 91	IU	1969	3,000	10
49	RV 92	NIU	1970	3,000	10
50	RV 95	IU	1969	1,000	10

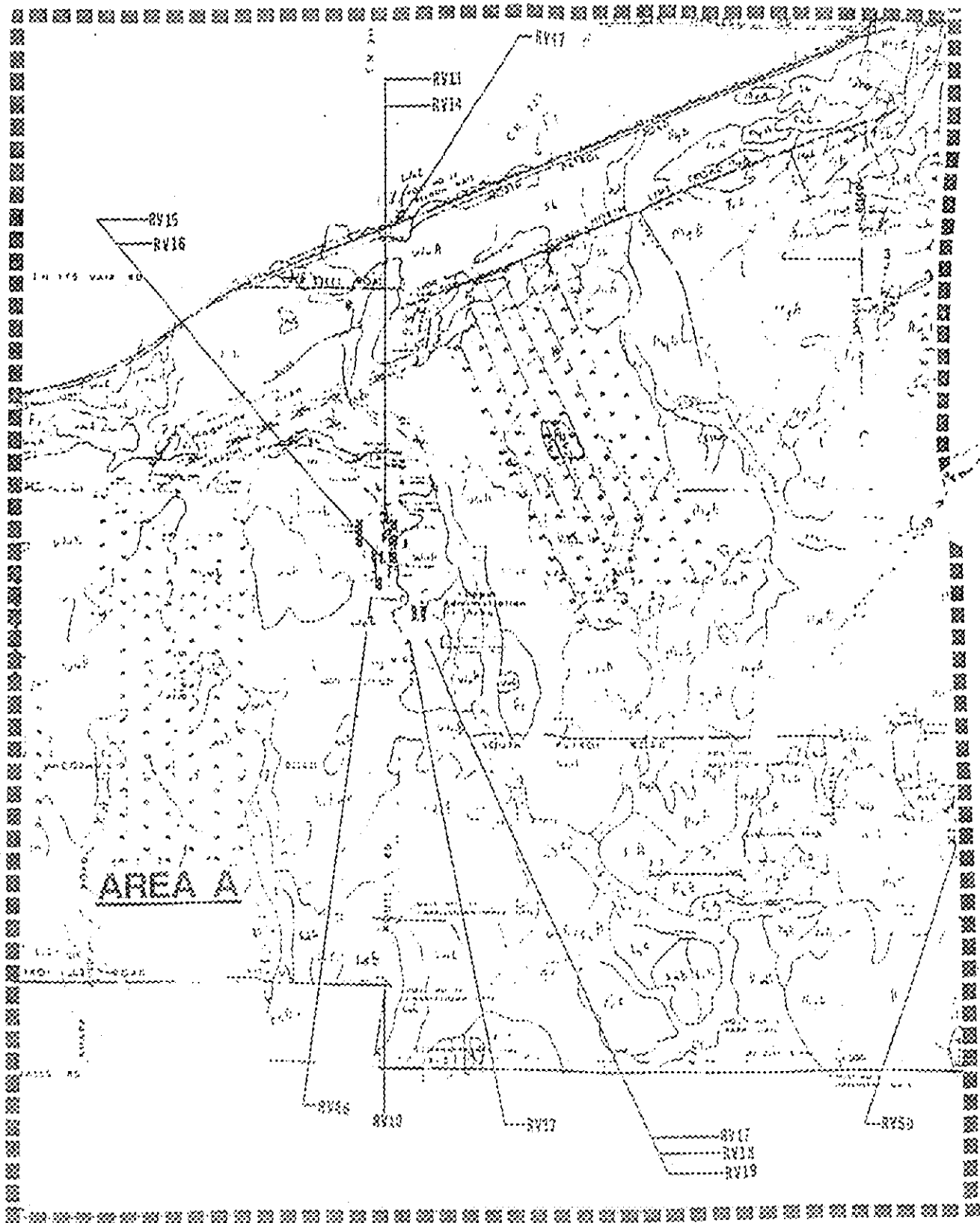
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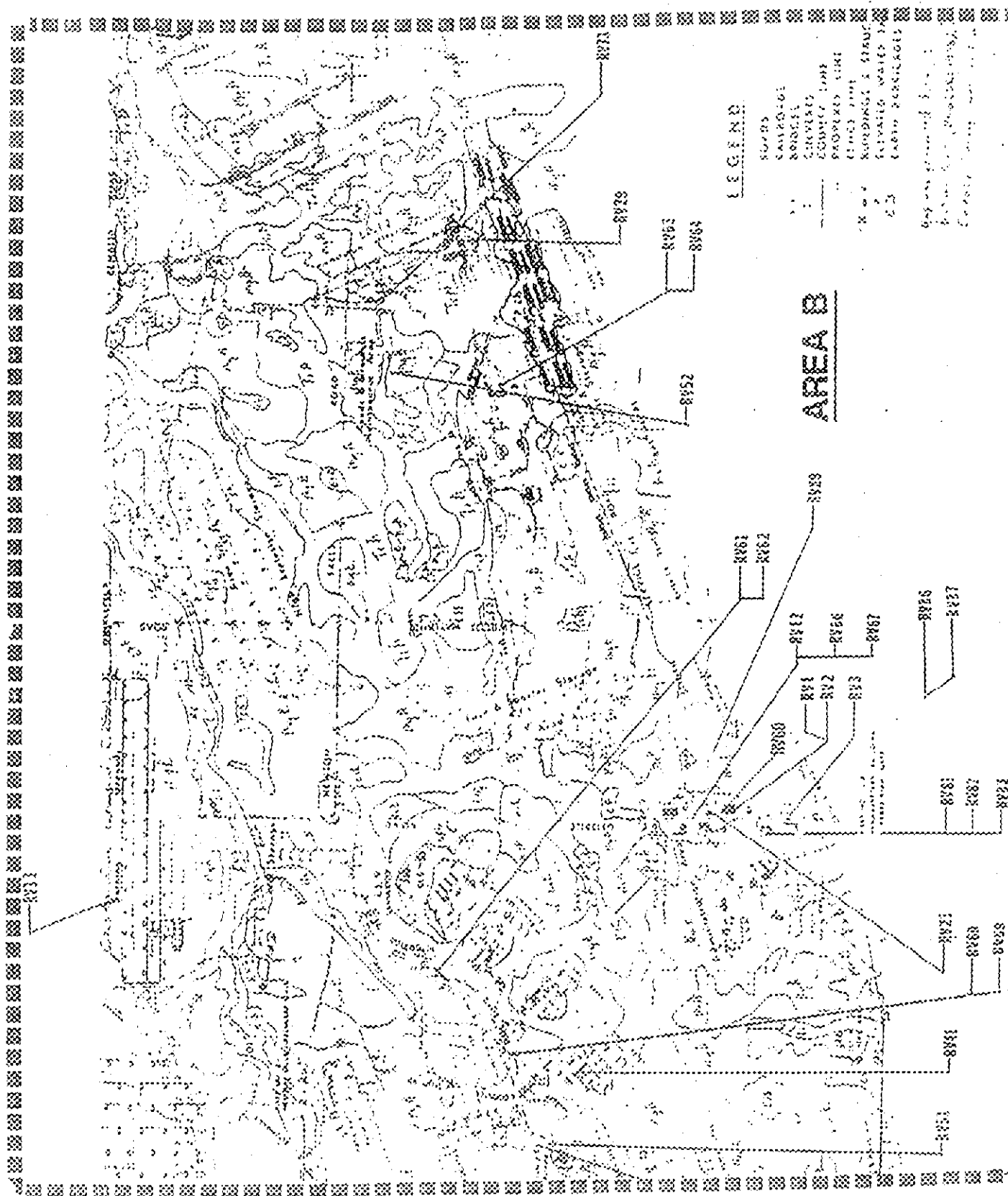
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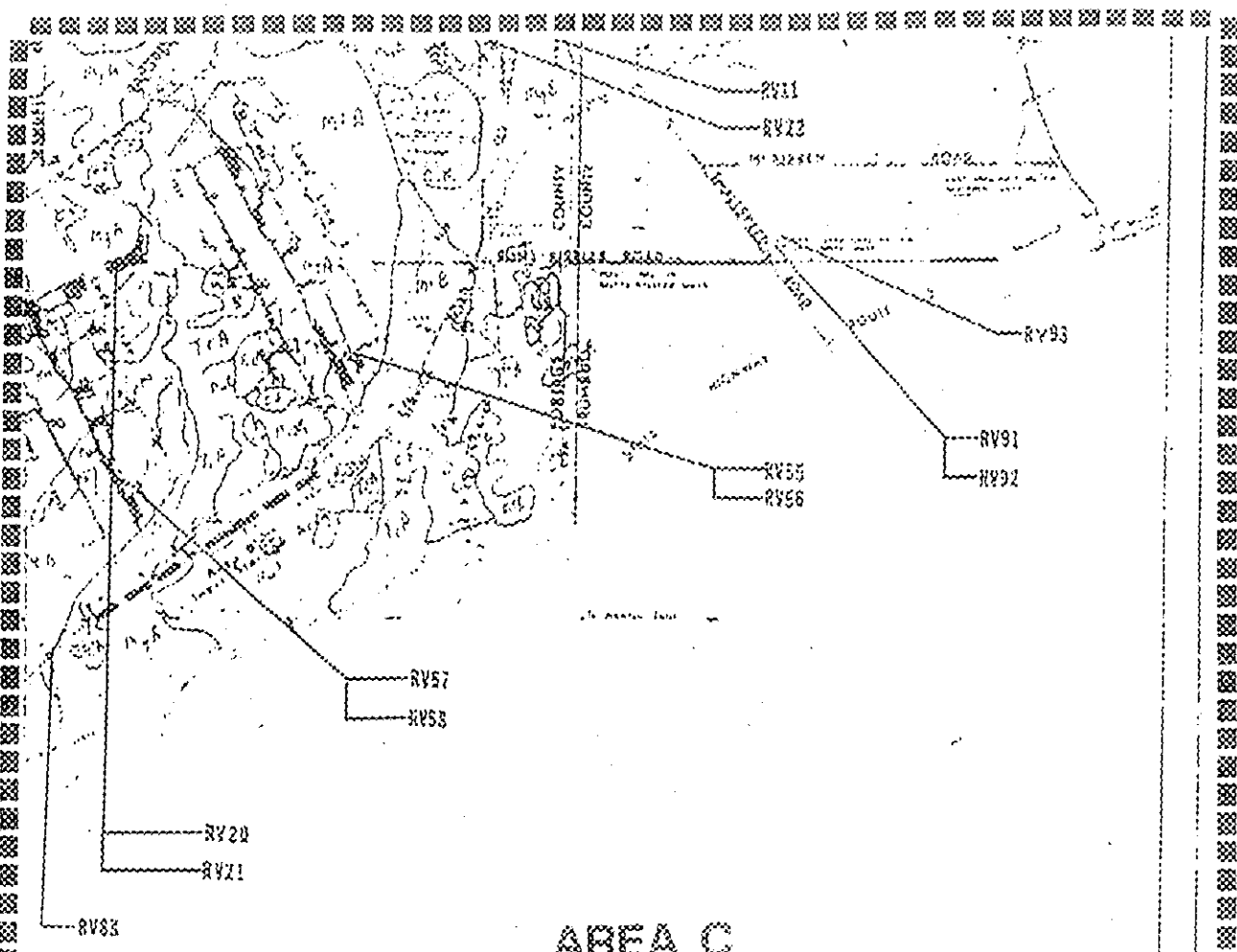
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noted per to 04

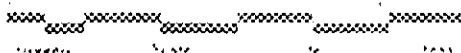
UST SURVEY	SOIL	PRIMARY	OTHER	REMARKS	LEGEND:
TANK #	TYPE	REPLACEMENT	ELIGIBILITY		
1	HqA	CHIO	NO	.....	A - ASPHALT CONTING
2	HqA	CHIO	NO	.....	AM - ACID NEUTRALIZATION
3	MqB	CHIO	NO	.....	C - CEMENT
4	LoB	CHIO	YES	.....	CF - CORROSION-RESISTANT FUEL
5	MqB	CHIO	NO	.....	FO - FUEL OIL
6	MqA	CHIO	NO	.....	HO - HEATING OIL
7	MqB	CHIO	YES	.....	IS - INSUL
8	MqB	CHIO	YES	.....	IMP - OILS W/AL FIBERGLASS
9	WaB	CHIO	YES	.....	IME - OILS W/AL STEEL
10	WaB	CHIO	YES	.....	F - FIBERGLASS
11	WaA	CHIO	YES	.....	G - GASOLINE
12	WaA	CHIO	YES	.....	IU - IN USE
13	WaA	CHIO	YES	.....	NIU - NOT IN USE
14	WaA	CHIO	YES	.....	NBU - NOT IN USE SINCE PRIOR T
15	WaA	CHIO	YES	.....	R - REMOVED
16	MqB	CHIO	YES	.....	R/R - REMOVED AND REPLACED
17	HqA	CHIO	NO	.....	RAG - REPLACED WITH ABOVE OUCH
18	TrA	CHIO	NO	.....	S - STEEL
19	MqB	CHIO	NO	.....	T - TIGHT
20	WaA	CHIO	YES	.....	U - UNKNOWN
21	MqA	CHIO	NO	.....	WO - WASTE OIL
22	WaB	CHIO	YES	.....	WOS - WASTE OIL, SOLVENT
23	MqB	CHIO	YES	.....	WOT - WATER, OIL, SOLVENT
24	MqB	CHIO	YES	UNIDENTIFIED SITE	WS - WASTE SOLVENT
25	TrA	CHIO	NO	.....	XT - CHARCOTE INSULATOR WITH W
26	MqA	CHIO	NO	.....	YD - USED MOTOR OIL
27	MqA	CHIO	YES	.....	
28	MqB	CHIO	YES	.....	
29	MqB	CHIO	YES	.....	
30	MqB	CHIO	YES	.....	
31	MqB	CHIO	YES	.....	
32	MqB	CHIO	YES	.....	
33	MqB	CHIO	YES	.....	
34	MqA	CHIO	YES	.....	
35	MqA	CHIO	YES	.....	SOIL LEGEND:
36	MqA	CHIO	YES	.....	LoB - LOUPOVILLE SILT LOAM, 2
37	MqA	CHIO	NO	.....	MqA - MACKING SILT LOAM, 0 TO
38	TrA	CHIO	NO	.....	MqB - MACKING SILT LOAM, 2 TO
39	MqA	CHIO	NO	.....	MqA - MACKING SILT LOAM, 0 TO
40	MqB	CHIO	YES	.....	MqB - MACKING SILT LOAM, 2 TO
41	MqB	CHIO	YES	.....	TrA - THURBULL SILT LOAM, 0 TO
42	MqB	CHIO	YES	.....	WaA - WADSWORTH SILT LOAM, 0 TO
43	MqB	CHIO	YES	.....	WaB - WADSWORTH SILT LOAM, 0 TO
44	MqB	CHIO	YES	.....	INDENTABLE THRU STAMPPIPE
45	MqA	CHIO	YES	.....	TWO INDENTABLE PIPES
46	MqB	CHIO	YES	.....	ACCESS THRU PIPE SHOWS OIL
47	MqA	CHIO	YES	.....	NO ACCESS WITH TWO PIPES
48	MqB	CHIO	NO	.....	
49	TrA	CHIO	NO	.....	
50	TrA	CHIO	NO	.....	





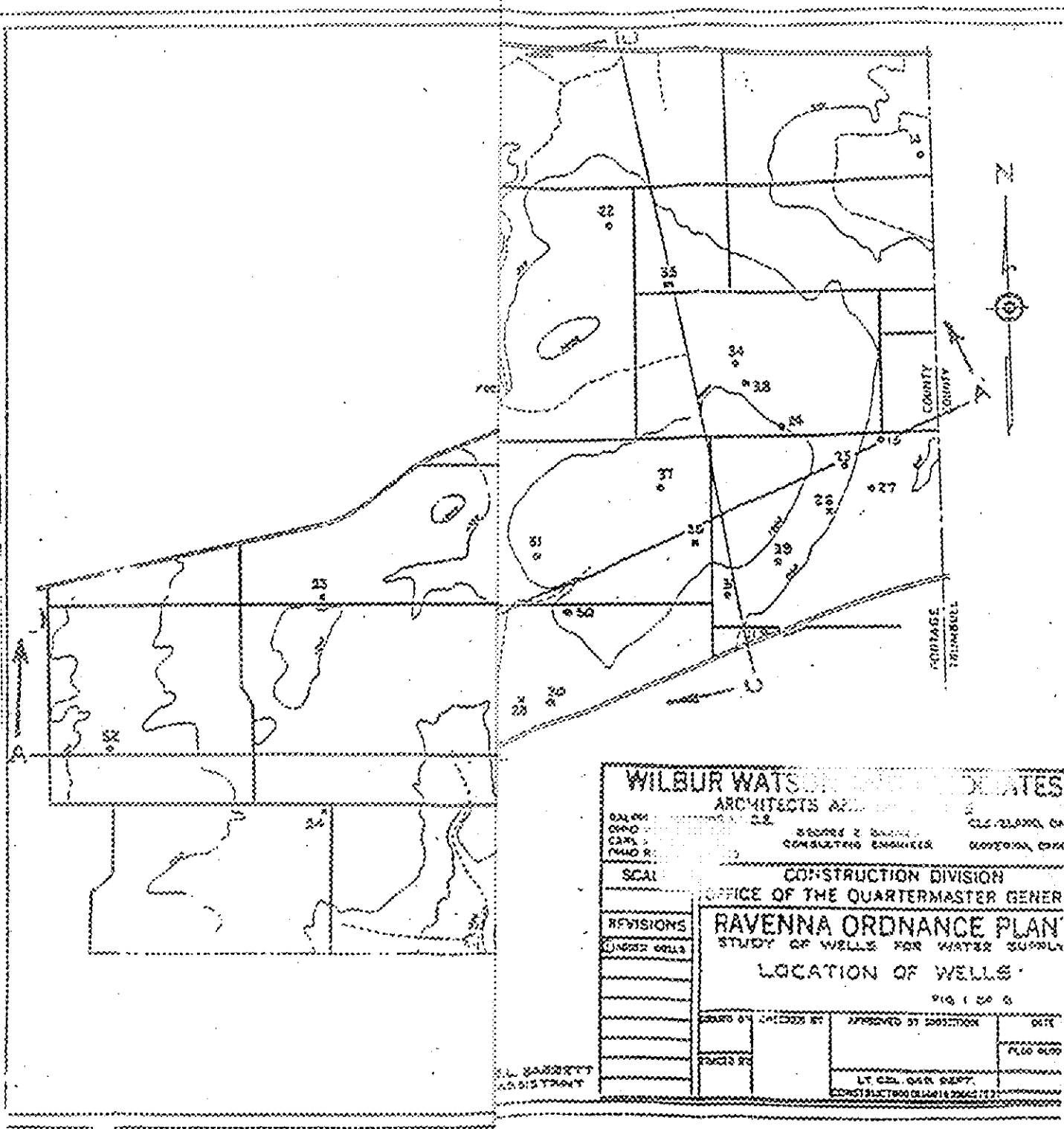


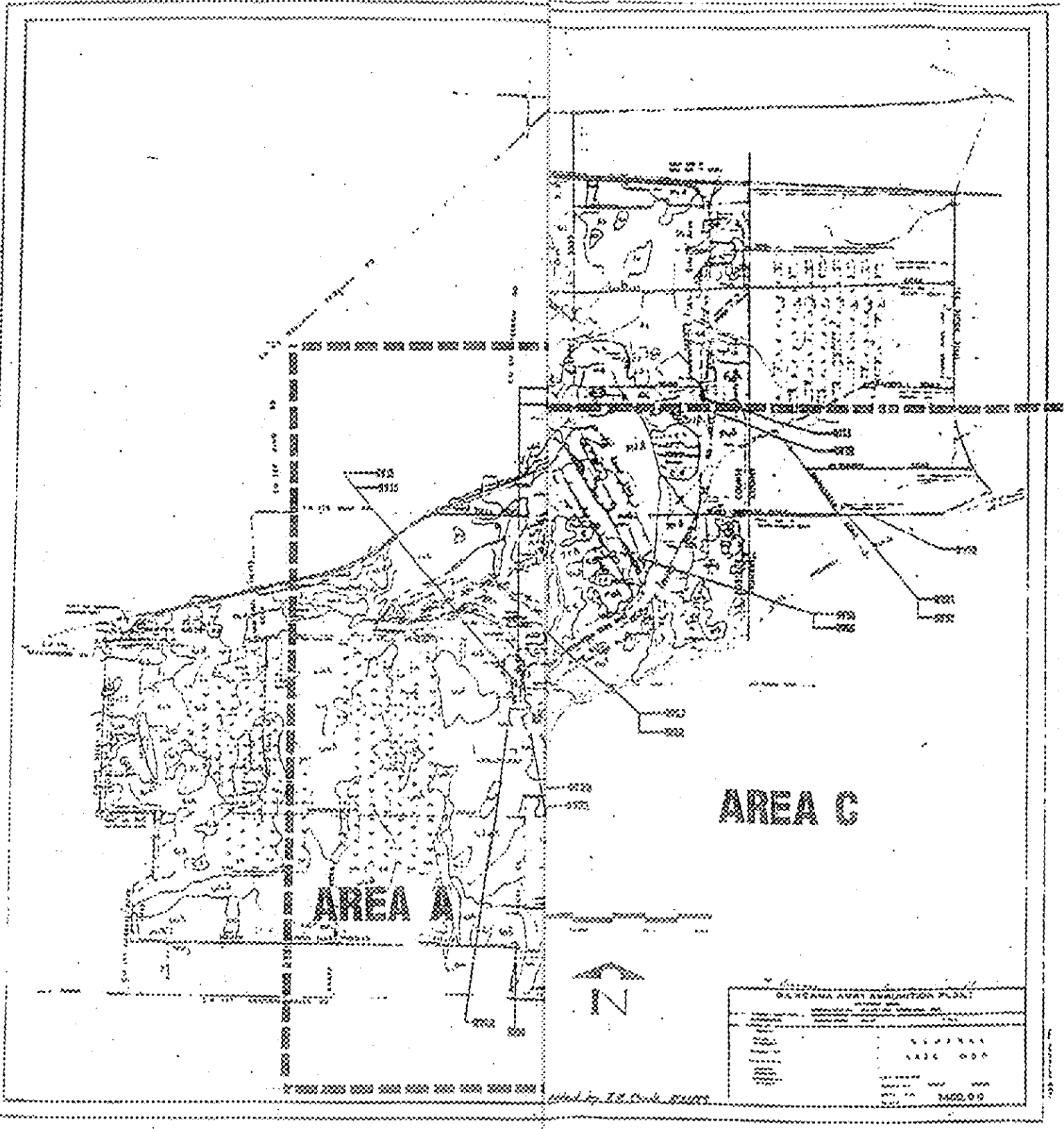
AREA C



RAVENNA ARMY AMMUNITION PLANT	
OPERATIONAL	RAVENNA ARMY AMMUNITION PLANT
LOCATION	RAVENNA, OHIO
STATUS	GENERAL
CLASSIFICATION	AREA MAP
DATE	1960.00
REVISION	

Location - noted by T.A. Woods, 10/1/60





EPA FORM 7530a

Penalties: Any owner who knowingly fails to notify or submit false information shall be subject to a civil penalty not to exceed \$10,000 for each week for which notification is not given or for which false information is submitted.

Indicate number of
consumption items
attached

(If same as Section 1, mark box here) ☐

Facility Name or Company Site Identifier, as applicable

Country	Year	Value	Unit
USA	1980	100	100
USA	1981	100	100
USA	1982	100	100
USA	1983	100	100
USA	1984	100	100
USA	1985	100	100
USA	1986	100	100
USA	1987	100	100
USA	1988	100	100
USA	1989	100	100
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USA	2067	100	100
USA	2068	100	100
USA	2069	100	100
USA	2070	100	100
USA	2071	100	100
USA	2072	100	100
USA	2073	100	100
USA	2074	100	100
USA	2075	100	100
USA	2		

Leuniv

644 10327821

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Area Code	Phone Number
-----------	--------------

Type of Owner: Share of Interest Only (S)

☐ Current

☐ State or Local Gov't

257819 01
C 1601126

Summary:

 Federal Government of Canada

7. Comments:

QSA facility I.D. no.
03-2138-20736

Indicate
number of
cases at this
location

Mark box here if tankist
are located on land within
an Indian reservation or
on other Indian trust lands

name fit same as Steven I. mark pos neg ☐

Jon Telle

Area Conc

Pronghorn

Theresa M. Chanda

Experimental Evidence

238

707-1331

☐ Mark box here only if this is an amended or subsequent notification for this location.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative

5:27:50

Date Signed: _____

Owner Name (from Section 1) RENEWAL AAP Location (from Section 1) REVENUE AAP Page No. 1 of 11 Pages

Tank Identification No. (e.g., ABC-123) or Alternative Assignment Sequential Number (e.g., 1,2,3...)	Tank No. RV#1	Tank No. RV#2	Tank No. RV#3	Tank No. RV#10	Tank No. RV#11
1. Status of Tank (Mark all that apply (X)) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 3/8/86	☐	☐	☐	☐	☐
2. Estimated Age (Years)	21	21	68	68	68
3. Estimated Total Capacity (Gallons)	12,000	12,000	292	500	13,000
4. Material of Construction (Mark one (X)) Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify	☐	☐	☐	☐	☐
5. Internal Protection (Mark all that apply (X)) Cathodic Protection Inhibitor Lining (e.g., epoxy resins) None Unknown Other, Please Specify	☐	☐	☐	☐	☐
6. External Protection (Mark all that apply (X)) Cathodic Protection Painted (e.g., zinc-rich) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify	☐	☐	☐	☐	☐
7. Piping (Mark all that apply (X)) Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify	☐	☐	☐	☐	☐
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply (X)) a. Empty b. Petroleum Gasoline Kerosene Diesel Used Oil Other, Please Specify c. Hazardous Substance Please indicate Name of Product, CERCLA Substance No. Chemical Abstract Service (CAS) No. Mark box (X) if tank stores a mixture of substances d. Unknown	☐	☐	☐	☐	☐
9. Additional Information (for tanks permanently taken out of service) a. Estimated date last used (mo./yr.) b. Estimated quantity of substance remaining (gal.) c. Mark box (X) if tank was filled with inert material (e.g., sand, concrete)				June, 1969 500	

Revenna AAF Section (from Section B) Revenna AAF Page No. 2 of 11

Tank Identification No. (e.g., 001-1001 or Inventory Assigned Symbolic Number (e.g., 1-2-3-4))	Tank No. RV12	Tank No. RV13	Tank No. RV14	Tank No. RV15	Tank No. RV16
1. Status of Tank (Mark all that apply (X)) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/8/68	☒	☒	☒	☒	☒
2. Estimated Age (Years)	15	28	48	48	48
3. Estimated Total Capacity (Gallons)	1,000	12,000	12,000	12,000	12,000
4. Material of Construction (Mark one (X)) Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify	☒	☒	☒	☒	☒
5. Internal Protection (Mark all that apply (X)) Cathodic Protection Interior Lining (e.g., epoxy resin) None Unknown Other, Please Specify	☒	☒	☒	☒	☒
6. External Protection (Mark all that apply (X)) Cathodic Protection Painted (e.g., asphaltic) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify	☒	☒	☒	☒	☒
7. Lining (Mark all that apply (X)) Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify	☒	☒	☒	☒	☒
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply (X)) a. Empty b. Petroleum c. Diesel d. Gasoline including alcohol blends e. Used Oil f. Hazardous Substance g. Other, Please Specify	☒	☒	☒	☒	☒
Please indicate Name of Product (CERCLA Substance) or Chemical Abstract Service (CAS) No. Mark box (X) if tank stores a mixture of substances a. Unknown	☒	☒	☒	☒	☒
9. Additional Information (For tanks permanently taken out of service) a. Estimated date last used (mo.-yr.) b. Estimate quantity of substance remaining (gal.) c. Mark box (X) if tank was filled with inert material (e.g., sand, concrete)		June 1971	June 1971	June 1971	June 1971

Owner Name (Print Section II) Bavenna AAP Location (Print Section II) Bavenna AAP Page No. 3 of 11 Pages

Tank Identification No. (e.g., A20-122), or Exemptions Assigned Sectional Number (e.g., 123...)	Tank No. RV17	Tank No. RV18	Tank No. RV19	Tank No. RV20	Tank No. RV21
1. Status of Tank (Mark all that apply): Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/8/88	☐	☐	☐	☐	☐
2. Estimated Age (Years)	48	48	48	20	20
3. Estimated Total Capacity (Gallons)	3900	3900	3900	15,000	15,000
4. Material of Construction (Mark one): Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify	☐	☐	☐	☐	☐
5. Internal Protection (Mark all that apply): Cathodic Protection Interior Lining (e.g., epoxy resin) None Unknown Other, Please Specify	☐	☐	☐	☐	☐
6. External Protection (Mark all that apply): Cathodic Protection Painted (e.g., asphalt) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify	☐	☐	☐	☐	☐
7. Piping (Mark all that apply): Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify	☐	☐	☐	☐	☐
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply): a. Empty b. Petroleum c. Other Gasoline (including alcohol blends) Used Oil Other, Please Specify c. Hazardous Substances Please indicate Name of Principal CERCLA Substance or Chemical Abstract Service (CAS) No. Mark box (3) if tank stores a mixture of substances d. Unknown	☐	☐	☐	☐	☐
9. Additional Information (for tanks permanently taken out of service): a. Estimated date last used (mo./yr.) b. Estimated quantity of substance remaining (gal.) c. Mark one (2) if tank was filled with inert material (e.g., sand, concrete)	June 1971 3900 ☐	June 1971 3900 ☐	June 1971 3900 ☐	June 1971 15,000 ☐	June 1971 15,000 ☐

Owner Name (print Section 1): Ravenna AAP Location (print Section 1): Ravenna AAP Page No. 4 of 11 Pages

Tank Identification No. (e.g., JSC-123), or Automatically Assigned Sequential Number (e.g., 1234)	Tank No. RV22	Tank No. RV23	Tank No. RV29	Tank No. RV33	Tank No. RV37
1. Status of Tank (Mark all that apply): Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/8/86	☐	☐	☐	☐	☐
2. Estimated Age (Years)	48	48	48	20	48
3. Estimated Total Capacity (Gallons)	15,000	15,000	1,000	2,000	5,000
4. Material of Construction (Mark one): Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify	☐	☐	☐	☐	☐
5. Internal Protection (Mark all that apply): Cathodic Protection Interior Lining (e.g., epoxy resins) None Unknown Other, Please Specify	☐	☐	☐	☐	☐
6. External Protection (Mark all that apply): Cathodic Protection Painted (e.g., asphaltic) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify	☐	☐	☐	☐	☐
7. Piping (Mark all that apply): Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify	☐	☐	☐	☐	☐
8. Substances Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply): a. Empty b. Petroleum Diesel Kerosene Gasoline (including alcohol blends) Used Oil Other, Please Specify c. Hazardous Substances Please indicate name of Principal CERCLA Substance or Chemical Abstract Service (CAS) No. Mark box (3) if tank stores a mixture of substances d. Unknown	☐	☐	☐	☐	☐
9. Additional Information (for tanks permanently taken out of service) a. Estimated date last used (mo./yr.) b. Estimated quantity of substance remaining (gal.) c. Mark box (3) if tank was filled with inert material (e.g., sand, concrete)					June 1965 5000

Grand Total (from Section 1) Kavenna AAP Kavenna AAP Page No. 5 of 11 Pages

1. Tank Identification No. (e.g., ABC-123), or Automatically Assigned Sequential Number (e.g., 1234)	Tank No. RV41	Tank No. RV46	Tank No. RV47	Tank No. RV50	Tank No. RV51
2. Status of Tank (Mark all that apply (X)) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/5/86	☒	☒	☒	☒	☒
3. Estimated Age (Years)	7	48	48	23	23
4. Estimated Total Capacity (Gallons)	6,000	1,500	500	1,000	550
5. Material of Construction (Mark one (X)) Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify	☒	☒	☒	☒	☒
6. Internal Protection (Mark all that apply (X)) Cathodic Protection Interior Lining (e.g., epoxy resin) None Unknown Other, Please Specify	☒	☒	☒	☒	☒
7. External Protection (Mark all that apply (X)) Cathodic Protection Painted (e.g., asphaltic) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify	☒	☒	☒	☒	☒
8. Piping (Mark all that apply (X)) Saw Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify	☒	☒	☒	☒	☒
9. Substances Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply (X)) a. Empty b. Petroleum Gasoline Kerosene Used Oil Other, Please Specify c. Hazardous Substances Please indicate name of Principal CERCLA Substance or Chemical Abstract Service (CAS) No. Mark box (X) if tank stores a mixture of substances d. Unknown	☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ *	☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ *	☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ *	☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ *	☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ * ☒ *
10. Additional Information (for tanks permanently taken out of service) a. Estimated date last used (mo./yr.) b. Estimated quantity of substance remaining (gal.) c. Mark box (X) if tank was filled with inert material (e.g., sand, concrete)		June 1968	June 1968		

Owner Name (from Section 1) BAKERSDA AAP Location (from Section 1) Bayview AAP Page No. 6 of 11 Pages

Tank Identification No. (e.g., A00-100), or Automatically Assigned Sequential Number (e.g., 1001)	Tank No. RV52	Tank No. RV55	Tank No. RV56	Tank No. RV57	Tank No. RV58
1. Status of Tank (Mark all that apply) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/9/86	☐	☐	☐	☐	☐
2. Estimated Age (Years)	48	48	48	48	48
3. Estimated Total Capacity (Gallons)	1,000	20,000	20,000	15,000	15,000
4. Material of Construction (Mark one ☐) Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify	☐	☐	☐	☐	☐
5. Internal Protection (Mark all that apply ☐) Cathodic Protection Internal Lining (e.g., epoxy resin) None Unknown Other, Please Specify	☐	☐	☐	☐	☐
6. External Protection (Mark all that apply ☐) Cathodic Protection Painted (e.g., asphalt) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify	☐	☐	☐	☐	☐
7. Piping (Mark all that apply ☐) Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify	☐	☐	☐	☐	☐
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply ☐) a. Empty b. Petroleum Diesel Kerosene Gasoline (including alcohol blends) Used Oil Other, Please Specify c. Miscellaneous Substances Please Indicate Name or Principal CAS/CLP Substance or Chemical Abstract Service (CAS) No. Mark box ☐ if tank stores a mixture of substances d. Unknown	☐	☐	☐	☐	☐
9. Additional Information (for tanks permanently taken out of service) a. Estimated date last used (mo./yr.) b. Estimated quantity of substance remaining (gal.) c. Mark box ☐ if tank was lined with inert material (e.g., sand, asphalt)	June 1987 200	June 1971	June 1971	June 1971	June 1971

Owner Name (from Section 6) Ravenna AAP Location (from Section 6) Ravenna AAP Page No. 7 of 11 Pages

Tank Identification No. (e.g., ABC-123), or Arbitrary Assigned Sequential Number (e.g., 1444)	Tank No. RV64	Tank No. RV65	Tank No. RV66	Tank No. RV67	Tank No. RV68
1. Status of Tank (Mark all that apply) ☐ Currently in Use ☐ Temporarily Out of Use ☐ Permanently Out of Use ☐ Scheduled into Use after 8/2/88	☐	☐	☐	☐	☐
2. Estimated Age (Years)	48	48	48	48	48
3. Estimated Total Capacity (Gallons)	20,000	20,000	20,000	20,000	20,000
4. Material of Construction (Mark one) ☐ Steel ☐ Concrete ☐ Fiberglass Reinforced Plastic ☐ Unknown ☐ Other, Please Specify	☐	☐	☐	☐	☐
5. Internal Protection (Mark all that apply) ☐ Cathodic Protection ☐ Interior Lining (e.g., epoxy resin) ☐ None ☐ Unknown ☐ Other, Please Specify	☐	☐	☐	☐	☐
6. External Protection (Mark all that apply) ☐ Cathodic Protection ☐ Painted (e.g., asphaltic) ☐ Fiberglass Reinforced Plastic Coating ☐ None ☐ Unknown ☐ Other, Please Specify	☐	☐	☐	☐	☐
7. Piping (Mark all that apply) ☐ Bare Steel ☐ Galvanized Steel ☐ Fiberglass Reinforced Plastic ☐ Cathodically Protected ☐ Unknown ☐ Other, Please Specify	☐	☐	☐	☐	☐
8. Subliner Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply) ☐ Empty ☐ Petroleum ☐ Grease ☐ Kerosene ☐ Gasoline (including alcohol blends) ☐ Used Oil ☐ Other, Please Specify ☐ Hazardous Substance	☐	☐	☐	☐	☐
Please indicate Name of Product, CERCLA Substance, or Chemical Abstract Service (CAS) No. Mark box if tank stored a mixture of substances ☐ a. Unknown	☐	☐	☐	☐	☐
9. Additional Information (for tanks permanently taken out of service) ☐ a. Estimated date last used (mo./yr.) ☐ b. Estimated quantity of substance remaining (gal.) ☐ c. Mark box if tank was filled with inert material (e.g., sand, concrete)	☐	☐	☐	☐	☐

Owner Name (from Section 1) Rayenna AAP Location (from Section 4) Rayenna AAP Page No. 8 of 11 Pages

Tank Identification No. (e.g., AAP-123) or Auxiliary Assignment Number (e.g., 152-1)	Tank No. RV64	Tank No. RV66	Tank No. RV67	Tank No. RV73	Tank No. RV81
1. Status of Tank (Mark all that apply) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 3/3/56	☒	☒	☒	☒	☒
2. Estimated Age (years)	48	15	15	8	50
3. Estimated Total Capacity (Gallons)	20,000	20,000	20,000	5,000	10,000
4. Material of Construction (Mark one) Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify	☒	☒	☒	☒	☒
5. Internal Protection (Mark all that apply) Cathodic Protection Inhibitor (e.g., epoxy resins) None Unknown Other, Please Specify	☒	☒	☒	☒	☒
6. External Protection (Mark all that apply) Cathodic Protection Painted (e.g., zephatic) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify	☒	☒	☒	☒	☒
7. Piping (Mark all that apply) Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify	☒	☒	☒	☒	☒
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply) a. Empty b. Petroleum Diesel Kerosene Gasoline (including alcohol blends) Used Oil Other, Please Specify c. Miscellaneous Substances Please indicate Name of Principal CERCLA Substance or Chemical Abstract Service (CAS) No. Mark box if it has been a mixture of substances d. Unknown	☒	☒	☒	☒	☒
9. Additional Information (for tanks permanently taken out of service) a. Estimated date last used (mo./yr.) b. Estimated quantity of substance remaining (gal.) c. Mark box if tank was filled with inert material (e.g., sand, concrete)					June 1955 Unknown

Havanna AAP

Bavenna AAP

Page No. 9 11

Current Name (from Section 3)

Unknown (from Section 3)

Page No. 9 11

Tank Identification No. (e.g., A500-1000, or Substance-Specific Identification Number (e.g., 1000-1))	Tank No. RV82	Tank No. RV83	Tank No. RV84	Tank No. RV87	Tank No. RV88
1. Status of Tank (Mark all that apply): Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 6/3/86	☐	☐	☐	☐	☐
2. Estimated Age (Years)	48	48	50 (+)	50 (+)	48
3. Estimated Total Capacity (Gallons)	10,000	10,000	Unknown	Unknown	Unknown
4. Material of Construction (Mark one): Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify	☐	☐	☐	☐	☐
5. Internal Protection (Mark all that apply): Cathodic Protection Interior Lining (e.g., epoxy resins) None Unknown Other, Please Specify	☐	☐	☐	☐	☐
6. External Protection (Mark all that apply): Cathodic Protection Painted (e.g., asphalt) Fiberglass Reinforced Plastic Coating None Unknown Other, Please Specify	☐	☐	☐	☐	☐
7. Piping (Mark all that apply): Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify	☐	☐	☐	☐	☐
8. Substances Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply): a. Empty b. Petroleum c. Gases d. Liquids e. Solids f. Other, Please Specify g. Hazardous Substance h. Nonhazardous Substance i. Chemical Abstract Service (CAS) No. Mark box (3) if tank stores a mixture of substances j. Unknown	☐	☐	☐	☐	☐
9. Additional Information (for tanks permanently taken out of service): a. Estimated date last used (m/y) b. Estimated quantity of substance remaining (gal) c. Mark box (3) if tank was filled with inert material e.g., sand, concrete	May 1955	May 1955	Jan 1941	Jan 1941	May 1954

Characteristics (from Section I) **Ravenna AAP** Location (from Section II) **Ravenna AAP** Page No. **10** of **11** Pages

Tank Identification No. (e.g., AEC-123), or Arbitrary Assignment Sequential Number (e.g., 1001.)	Tank No. RV99	Tank No. RV91	Tank No. RV93	Tank No. RV95	Tank No. RV80
1. Status of Tank (Mark all that apply.) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/2/86	☐	☐	☐	☐	☐
2. Estimated Age (Years)	Unknown	20	15	20	45
3. Estimated Total Capacity (Gallons)	Unknown	2,000	3,000	3,000	12,000
4. Material of Construction (Mark one.) Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify	☐	☐	☐	☐	☐
5. Internal Protection (Mark all that apply.) Cathodic Protection Interior Lining (e.g., epoxy resins) None Unknown Other, Please Specify	☐	☐	☐	☐	☐
6. External Protection (Mark all that apply.) Cathodic Protection Painted (e.g., asphaltic) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify	☐	☐	☐	☐	☐
7. Piping (Mark all that apply.) Sole Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify	☐	☐	☐	☐	☐
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply.) a. Empty b. Petroleum Diesel Kerosene Gasoline (including alcohol blends) Used Oil Other, Please Specify c. Hazardous Substance Please indicate Name of Principal CERCLA Substance OR Chemical Abstract Service (CAS) No. Mark one (2) if tank stores a mixture of substances d. Unknown	☐	☐	☐	☐	☐
9. Additional Information (for tanks permanently taken out of service) a. Estimated date last used (no. yr.) b. Estimated quantity of substance remaining (gal.) c. Mark one (2) if tank was filled with inert material (e.g., sand, concrete)	Pre 1941 Unknown		Feb 1989 1,000		May 1968 Unknown

Owner Name (from Section 1) _____ Location (from Section 1) _____ Page no. 11 of 11 Pages

10. Installation (mark all that apply):

- ☐ The installer has been certified by the tank and piping manufacturers.
- ☐ The installer has been certified or licensed by the implementing agency.
- ☐ The installation has been inspected and certified by a registered professional engineer.
- ☐ The installation has been inspected and approved by the implementing agency.
- ☐ All items listed on the manufacturer's installation checklist has been completed.
- ☐ Another method was used as allowed by the implementing agency. Please specify _____

11. Release Detection (mark all that apply):

- ☐ Manual tank gauging.
- ☐ Tank tightness testing with inventory controls.
- ☐ Automatic tank gauging.
- ☐ Vapor monitoring.
- ☐ Ground-water monitoring.
- ☐ Interstitial monitoring within a secondary barrier.
- ☐ Interstitial monitoring within secondary containment.
- ☐ Automatic line leak detectors.
- ☐ Line tightness testing.
- ☐ Another method allowed by the implementing agency. Please specify _____

12. Corrosion Protection (if applicable):

- ☐ As specified for coated steel tanks with cathodic protection.
- ☐ As specified for coated steel piping with cathodic protection.
- ☐ Another method allowed by the implementing agency. Please specify _____

13. I have financial responsibility in accordance with Subpart I. Please specify:

Method _____

Insurer _____

Policy Number _____

14. OATH: I certify that the information concerning installation provided in item 10 is true to the best of my belief and knowledge.

Installer _____

Signature _____ Date _____

Position _____

Company _____

INVENTORY SUMMARY SHEETS

NAME OF INSTALLATION: Ravenna RAP

SURVEY DATE: 21 & 22 August, 1989

TANK ID: RVAAP 1

OTHER TANK ID: RV 1

STATUS OF TANK: Currently in Use

SUPPORT FUNCTION: Gasoline dispensement for installation vehicles

INSTALLATION DATE OF TANK: 1968

CAPACITY OF TANK: 12,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Cathodic protection; asphaltic coating.

PIPING TYPE: Bare steel

SUBSTANCE STORED: Gasoline

DEPTH TO TOP OF TANK: 4 Feet

TANK TESTING DATE: None

CONTAINMENT DEVICES: None

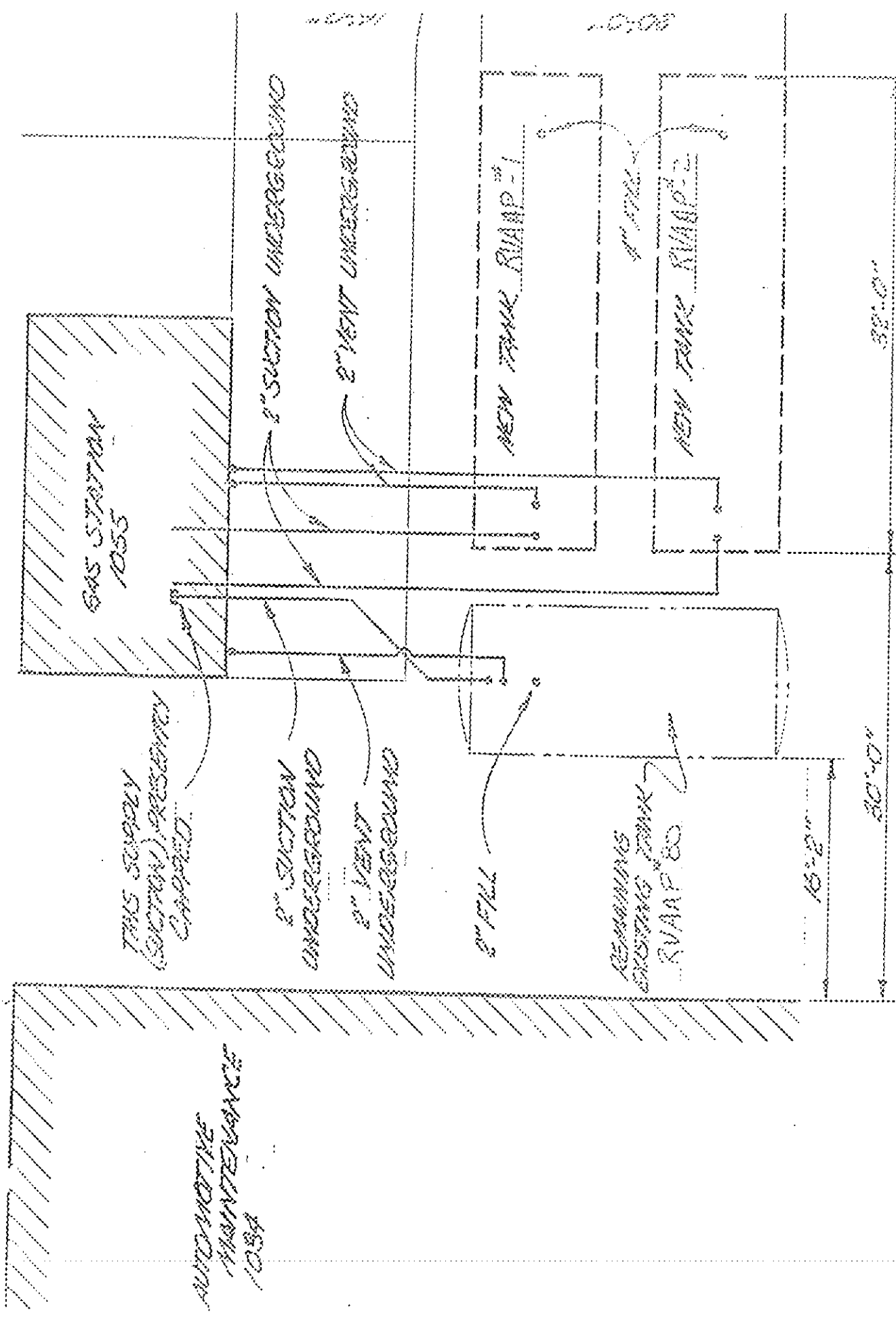
EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Gravel, low pipe protection.

← N



Gas Station 1055

NAME OF INSTALLATION: Ravenna AAF

SURVEY DATE: 21 & 22 August, 1989

TANK ID: RVAAP 2

OTHER TANK ID: RV 2

STATUS OF TANK: Currently in Use

SUPPORT FUNCTION: Gasoline dispensement for installation vehicles

INSTALLATION DATE OF TANK: 1968

CAPACITY OF TANK: 12,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Cathodic protection, asphaltic coating.

PIPING TYPE: Bare steel

SUBSTANCE STORED: Gasoline

DEPTH TO TOP OF TANK: 4 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Gravel, low pipe protection.

NAME OF INSTALLATION: Savannah AAF

SURVEY DATES: 21 & 22 August, 1989

TANK ID: PYAAP 3

OTHER TANK ID: 8V 3

STATUS OF TANK: Currently in Use

SUPPORT FUNCTION: Fuel supply for emergency generator to operate
main gate and security post.

INSTALLATION DATE OF TANK: 1941

CAPACITY OF TANK: Unknown

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Gasoline

DEPTH TO TOP OF TANK: 2 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Gravel/rock over tank.

NAME OF INSTALLATION: Havana AAF

SURVEY DATE: 21 & 22 August, 1983

TANK ID: RVAAP 10

OTHER TANK ID: RV 10

STATUS OF TANK: Permanently out of use; not been in use since
January 1984.

SUPPORT FUNCTION: Fuel source for gate house heating furnace ~
building removed.

INSTALLATION DATE OF TANK: 1941

CAPACITY OF TANK: 500 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Chromate inhibitor with water (see Chemical
Analysis in Appendix).

DEPTH TO TOP OF TANK: 3 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERSHEEN CONDITIONS: Dirt with sidewalk.

Comments: See installation drawing and picture.

NAME OF INSTALLATION: Ravenna AAF

SURVEY DATE: 21 & 22 August 1983

TANK ID: 8VAAP 11

OTHER TANK ID: PV 11

STATUS OF TANK: Currently in Use

SUPPORT FUNCTION: Fuel support for installation railroad engine

INSTALLATION DATE OF TANK: 1941

CAPACITY OF TANK: 15,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Diesel fuel

DEPTH TO TOP OF TANK: 6 feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Grass

NAME OF INSTALLATION: Savanna AAP

SURVEY DATE: 21 & 22 August, 1989

TANK ID: RVAAP 12

OTHER TANK ID: RV 12

STATUS OF TANK: Currently in Use

SUPPORT FUNCTION: Fuel supply for powerhouse emergency generator
and boiler start-up.

INSTALLATION DATE OF TANK: June 1974

CAPACITY OF TANK: 1,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Diesel fuel

DEPTH TO TOP OF TANK: 4 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: Containment pond

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: 1979 boiler house spill in which
boiler house sewers empty in containment pond.

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: Surface
water contaminated in 1979 boiler house spill. straw bail cleanup,
burned bails, faulty valve replaced. light oil skin on surface of
containment pond.

OVERBURNED CONDITIONS: Added a selective oil absorbant float to
containment pond. There is a small creek that continues from the
containment pond to private property. Tank is dirt and gravel covered.

Comments: F.O.C. Tom Chanda, Telephone No. (216) 297-3331.

NAME OF INSTALLATION: Ravenna AAF

SURVEY DATES: 21 & 22 August, 1989

TANK ID: EVAP 13

OTHER TANK ID: EV 13

STATUS OF TANK: Permanently out of use, not used since January 1984.

SUPPORT FUNCTION: Previous diesel fueling station for installation vehicles.

INSTALLATION DATE OF TANK: 1941

CAPACITY OF TANK: 12,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Chromate inhibitor with water (see Chemical Analysis in Appendix).

DEPTH TO TOP OF TANK: 1.5 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

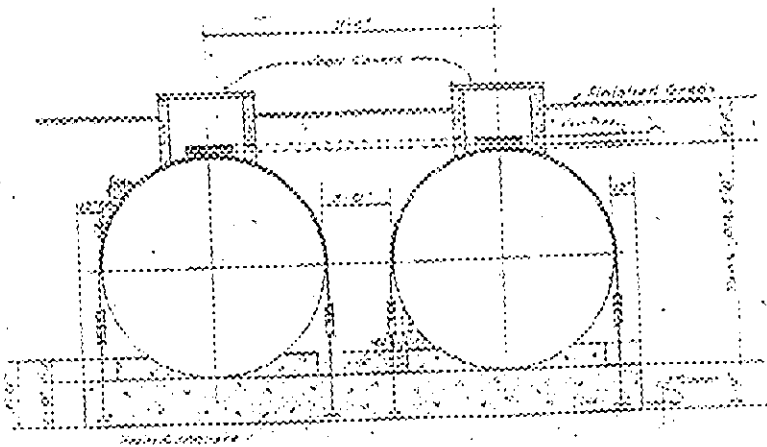
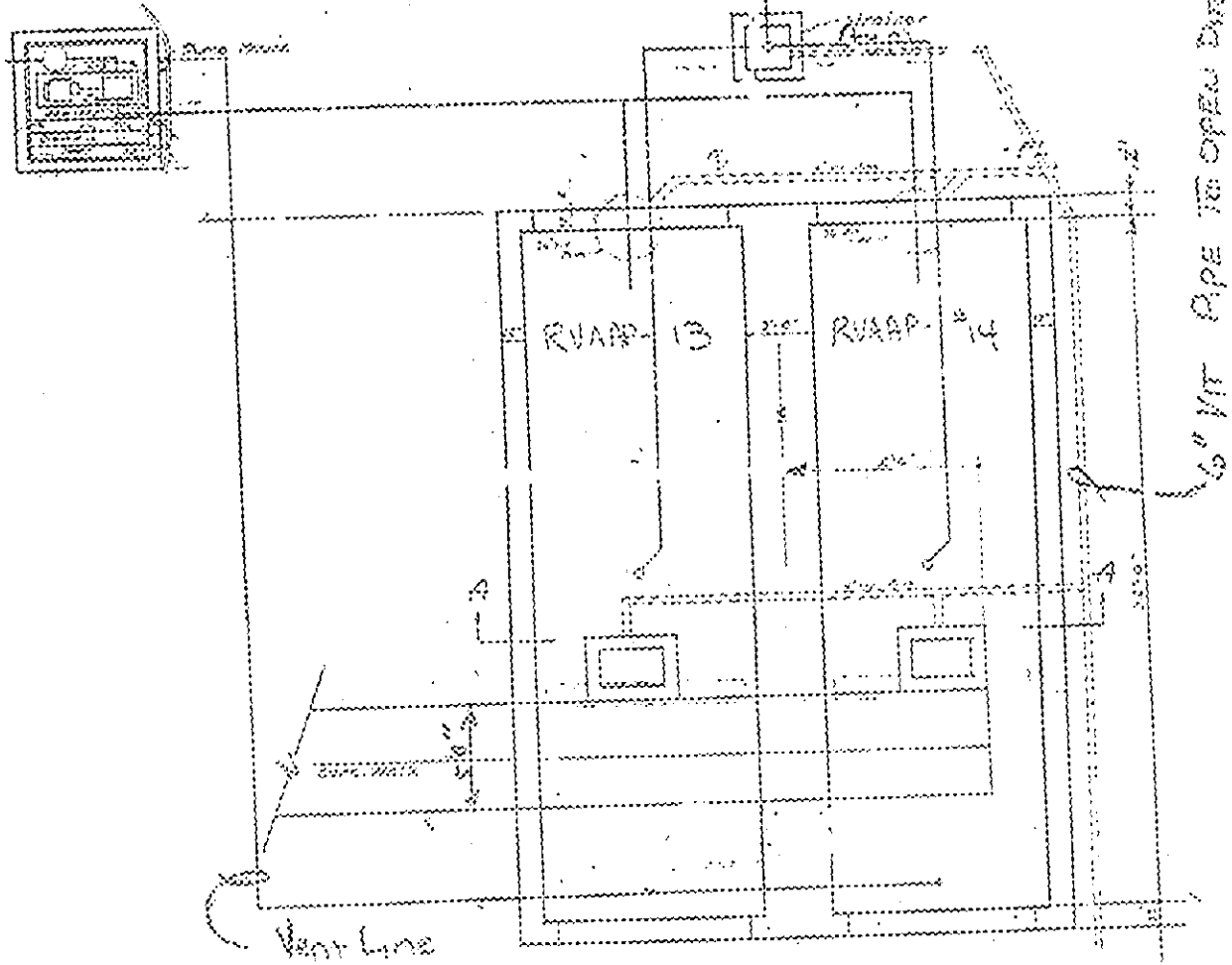
EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERLAP/OPEN CONDITIONS: Concrete paving

Comments: See installation drawing and picture.

C. Tack & 2014



SECTION A-A

T. W. ORRISON, P.E.

NAME OF INSTALLATION: Ravenna AAF

SURVEY DATE: 21 & 22 August, 1989

TANK ID: RVRAP 14

OTHER TANK ID: RV 14

STATUS OF TANK: Permanently out of use, not been used since January 1984.

SUPPORT FUNCTION: Previous diesel fueling station for installation vehicles.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 12,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Chromate inhibitor with water (see Chemical Analysis in Appendix).

DEPTH TO TOP OF TANK: 20 inches

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: Odor of fuel in manhole.

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Concrete paving

Comments: See installation drawing and picture.

NAME OF INSTALLATION: Ravenna AAP

SURVEY DATE: 21 & 22 August 1989

TANK ID: RYAAP 15

OTHER TANK ID: RV 15

STATUS OF TANK: Permanently out of use, not been used since Jan. 1984.

SUPPORT FUNCTION: Previous gasoline station for installation vehicles.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 12,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Chromate inhibitor with water (see Chemical Analysis
in Appendix).

DEPTH TO TOP OF TANK: 1.5 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Concrete.

Comments: See installation drawing and picture.

NAME OF INSTALLATION: Ravenna AAF

SURVEY DATE: 21 & 22 August, 1983

TANK ID: SVRAP 16

OTHER TANK ID: RV 16

STATUS OF TANK: Permanently out of use, not been used since Jan. 1964.

SUPPORT FUNCTION: Previous gasoline station for installation vehicles.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 12,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Chromate inhibitor with water (see Chemical Analysis
in Appendix).

DEPTH TO TOP OF TANK: 1.5 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Concrete.

Comments: See installation drawing and picture.

NAME OF INSTALLATION: Ravenna ARP

SURVEY DATE: 31 & 22 August, 1989

TANK ID: RYAAP 17

OTHER TANK ID: RV 17

STATUS OF TANK: Permanently out of use, not been used since Jan. 1984.

SUPPORT FUNCTION: Previously gasoline fueling station for installation vehicles. Building removed.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 3,900 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Chromate inhibitor with water (see Chemical Analysis in Appendix).

DEPTH TO TOP OF TANK: 3.6 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

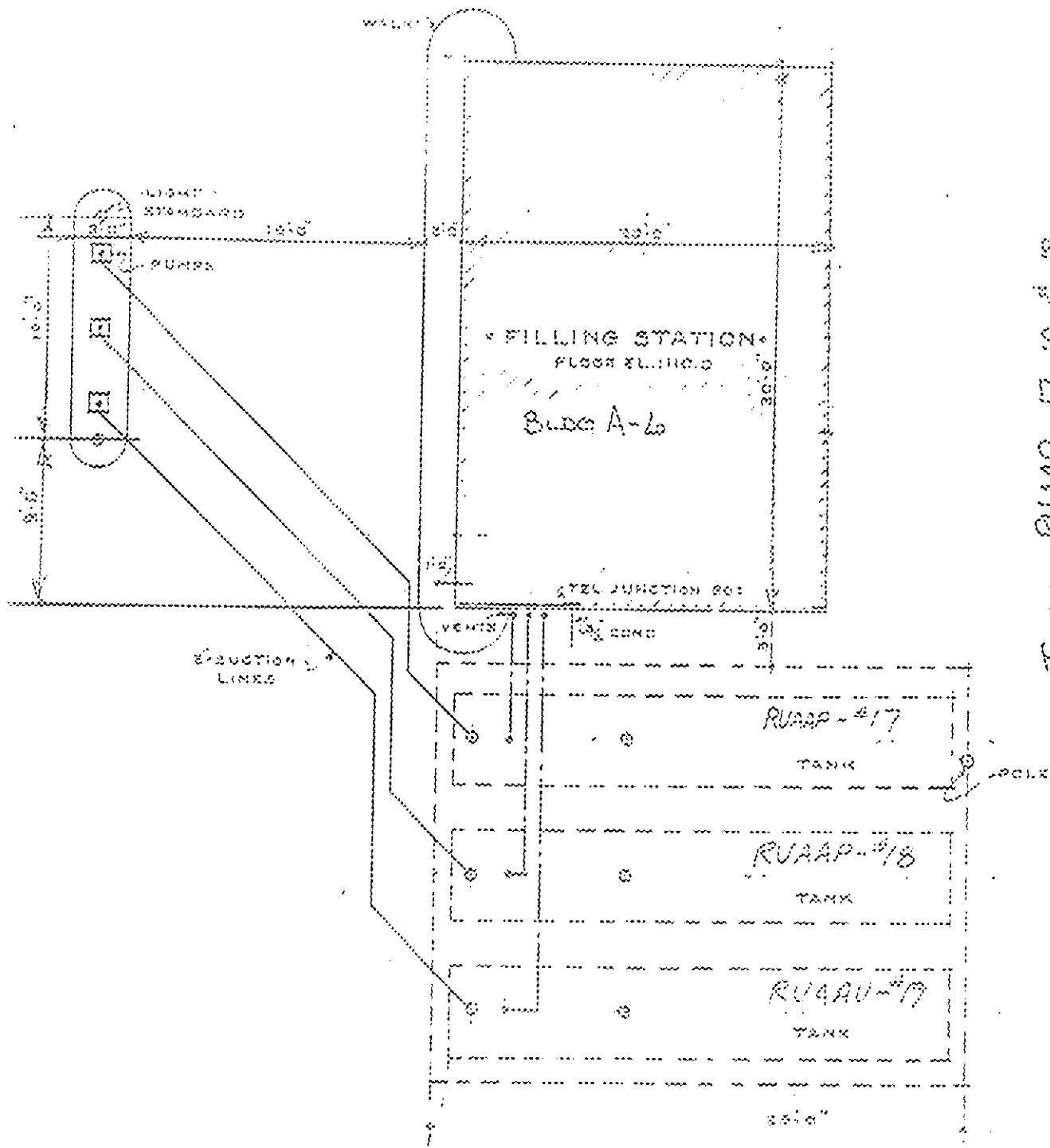
EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Concrete.

Comments: See installation drawing and picture.



Tanks RVAAP-17, 18, & 19
 Not To Scale

11/20/77
 [Signature]

NAME OF INSTALLATION: Ravenna AAF

SURVEY DATE: 31 & 22 August, 1988

TANK ID: KVAAP 18

OTHER TANK ID: RV 18

STATUS OF TANK: Permanently out of use, not been used since Jan. 1984.

SUPPORT FUNCTION: Previous gas station for installation vehicles.
Building removed.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 3,900 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Chromate inhibitor with water (see Chemical
Analysis in Appendix).

DEPTH TO TOP OF TANK: 3.6 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Concrete.

Comments: See installation drawing and picture.

NAME OF INSTALLATION: Ravenna AAF

SURVEY DATE: 21 & 22 August, 1988

TANK ID: 8VAAP 19

OTHER TANK ID: AV 19

STATUS OF TANK: Permanently out of use, not been used since Jan. 1984.

SUPPORT FUNCTION: Previously gasoline fueling station for installation vehicles. Building removed.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 3,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Chromate inhibitor with water (see Chemical Analysis in Appendix).

DEPTH TO TOP OF TANK: 3.6 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Concrete.

Comments: See installation drawing and picture.

NAME OF INSTALLATION: Ravenscroft AAF

SURVEY DATE: 21 & 22 August, 1989

TANK ID: RVAAP 20

OTHER TANK ID: 8V 20

STATUS OF TANK: Temporarily out of use, not been used since June 1971.

SUPPORT FUNCTION: #2 fuel oil supply for industrial heating boilers.

INSTALLATION DATE OF TANK: June 12, 1969

CAPACITY OF TANK: 15,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Tank full of heating oil.

DEPTH TO TOP OF TANK: 2.25 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

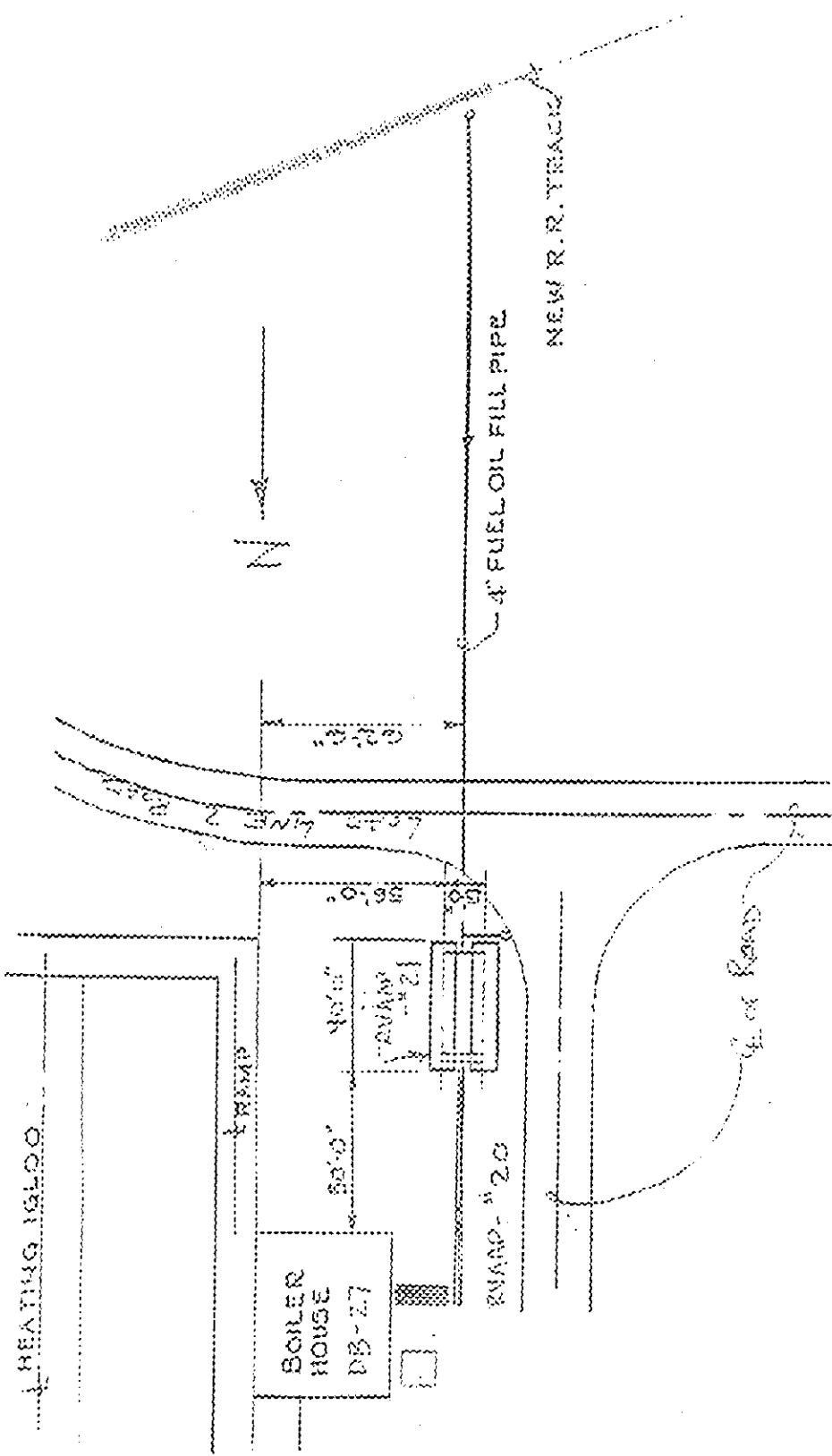
EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Grass covered.

Comments: See installation drawing and picture.



TANKS RVAMP-20#21
Not To Scale

NAME OF INSTALLATION: Ravenna RAP

SURVEY DATE: 21 & 22 August, 1989

TANK ID: RYAAP 21

OTHER TANK ID: RV 21

STATUS OF TANK: Temporarily out of use. not been used since June 1971.

SUPPORT FUNCTION: #2 fuel oil supply for industrial heating boilers.

INSTALLATION DATE OF TANK: June 12, 1969

CAPACITY OF TANK: 15,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Tank full of heating oil.

DEPTH TO TOP OF TANK: 1.8 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Grass covered.

Comments: See installation drawing and picture.

NAME OF INSTALLATION: Ravenna RAP

SURVEY DATE: 21 & 22 August, 1989

TANK ID: SYARS 22

OTHER TANK ID: SY 22

STATUS OF TANK: Temporarily out of use, not been used since Jan. 1984.

SUPPORT FUNCTION: #2 fuel oil supply for railroad yard boiler house.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 18,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Now only sediment and residual.

DEPTH TO TOP OF TANK: 6 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Grass covered.

NAME OF INSTALLATION: Ravenna XAF

SURVEY DATE: 21 & 22 August 1989

TANK ID: RYAAP 21

OTHER TANK ID: AV 23

STATUS OF TANK: Currently in Use

SUPPORT FUNCTION: Diesel fueling for installations; heavy equipment.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 15,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Diesel fuel

DEPTH TO TOP OF TANK: 5 feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: Suction line pipe leak, due to corrosion, leaked 5 gallons of diesel fuel. suction line removed and replaced with FRP pipe.

SOURCE OF RECORDS FOR LEAKS OR SPILLS: Letter to Ohio Department of Commerce - Todd Farfitt, Site Coordinator.

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Dead grass above tank.

NAME OF INSTALLATION: Savenna BAF

SURVEY DATE: 21 & 22 August 1989

TANK ID: RVAAP 29

OTHER TANK ID: 29 29

STATUS OF TANK: Currently in Use

SUPPORT FUNCTION: #2 fuel oil heating source for building boiler.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 1,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Heating Oil

DEPTH TO TOP OF TANK: 0.75 Feet

TANK TESTING DATA: None

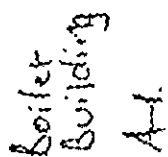
CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Grass/weeds.



NAME OF INSTALLATION: Ravenna AAP

SURVEY DATE: 21 & 22 August, 1989

TANK ID: KVARF 33

OTHER TANK ID: RV 33

STATUS OF TANK: Temporarily out of use.

SUPPORT FUNCTION: #2 fuel oil supply for deactivation/sanitization
furnace.

INSTALLATION DATE OF TANK: April 12, 1988

CAPACITY OF TANK: 2,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Heating Oil

DEPTH TO TOP OF TANK: Top aboveground, sides mounded up on sides with
dirt and weeds.

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Mound up dirt and weeds on sides of tank almost
to top.

NAME OF INSTALLATION: Ravenscroft AAP

SURVEY DATE: 21 & 22 August, 1988

TANK ID: EVAAP 37

OTHER TANK ID: RV 37

STATUS OF TANK: Permanently out of use, not been used since Jan. 1984.

SUPPORT FUNCTION: Heating oil supply for building heating boiler.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 5,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Chromate inhibitor with water (see Chemical
Analysis in Appendix).

DEPTH TO TOP OF TANK: 2.7 Feet

TANK TESTING DATA: None

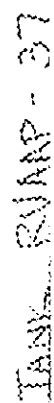
CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Grass covered.



NAME OF INSTALLATION: Ravenna AAF

SURVEY DATE: 21 & 22 August, 1989

TANK ID: RVARP 41

OTHER TANK ID: RV 41

STATUS OF TANK: Currently in Use

SUPPORT FUNCTION: #2 fuel oil supply to load line process and building heat.

INSTALLATION DATE OF TANK: July 12, 1982

CAPACITY OF TANK: 6,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Heating fuel

DEPTH TO TOP OF TANK: 3 feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Dirt/gravel covered.

TANK OF INSTALLATION: Reveals: RRP

SURVEY DATE: 21 & 22 August 1989

TANK ID: RYARF 46

OTHER TANK ID: RV 46

STATUS OF TANK: Permanently out of use, not been used since Jan. 1984.

SUPPORT FUNCTION: #2 fuel oil heating for pre-installation dwelling.

INSTALLATION DATE OF TANK: Pre-1941

CAPACITY OF TANK: 1,500 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Unknown

PIPING TYPE: Bare steel

SUBSTANCE STORED: Heating oil

DEPTH TO TOP OF TANK: Unknown

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: Unknown

EVIDENCE OF PAST/CURRENT LEAKAGE: Unknown

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Exact location of tank unknown.

NAME OF INSTALLATION: Ravenna AAF

SURVEY DATES: 21 & 22 August, 1988

TANK ID: RYAAF 47

OTHER TANK ID: RY 47

STATUS OF TANK: Permanently out of use, not been used since Jan. 1984.

SUPPORT FUNCTION: #2 fuel oil supply to guard house heating furnace

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 500 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Heating Oil. Chromate inhibitor with water (see
Chemical Analysis in Appendix).

DEPTH TO TOP OF TANK: 2.3 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Dirt and dead grass covered surrounded by
sidewalk.

Comments: See installation drawing and picture.

NAME OF INSTALLATION: Paveenna AAF

SURVEY DATE: 21 & 22 August 1989

TANK ID: PVAAF 50

OTHER TANK ID: PV 50

STATUS OF TANK: Temporarily out of use, not been used since Jan. 1984.

SUPPORT FUNCTION: #2 fuel oil heating supply for building boiler.

INSTALLATION DATE OF TANK: August 12, 1976

CAPACITY OF TANK: 1,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Heating Oil

DEPTH TO TOP OF TANK: 3 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

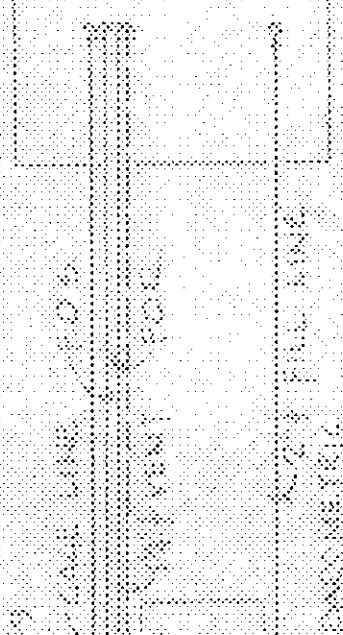
EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Concrete paving.

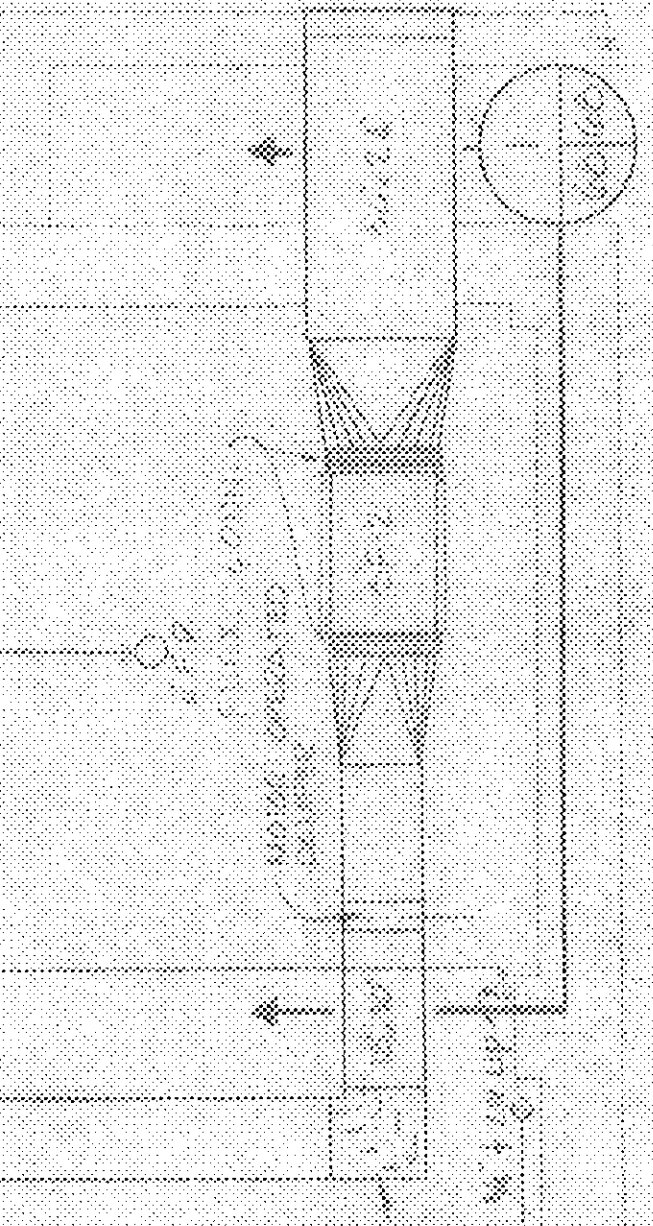
Comments: See installation drawing and picture.

2" x 2" SECTION OF
PIPE
2" x 2" SECTION OF
PIPE



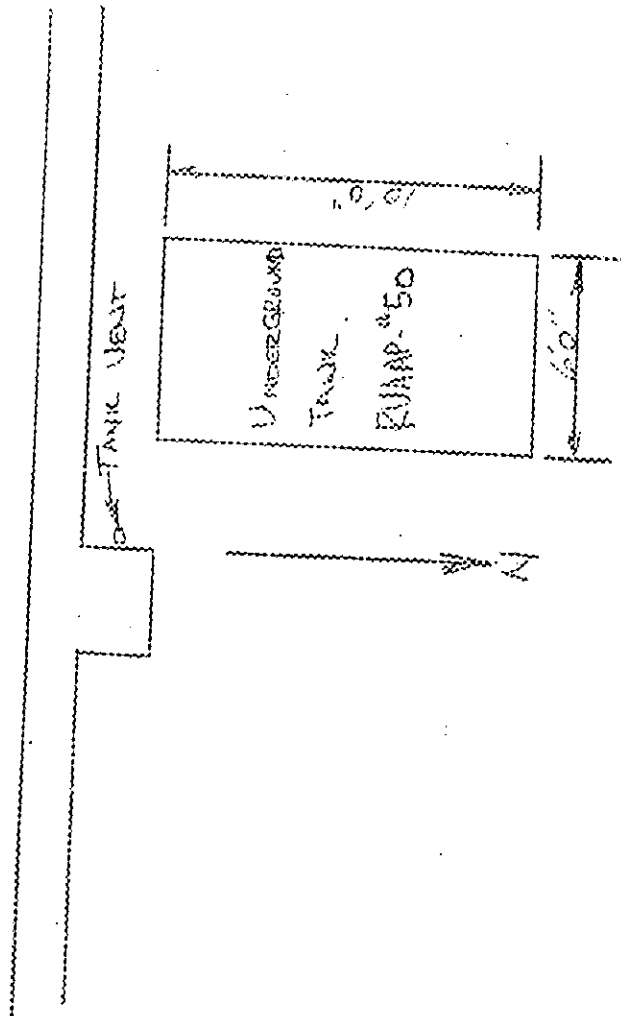
2" x 2" SECTION OF
PIPE
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2" x 2" SECTION OF
PIPE
2" x 2" SECTION OF
PIPE

WATER TREATMENT PLANT - 4



TANK RYAAP-50

Not To Scale

NAME OF INSTALLATION: Ravenna AAF

SURVEY DATE: 21 & 22 August, 1989

TANK ID: RVAAF 51

OTHER TANK ID: RV 51

STATUS OF TANK: Currently in Use

SUPPORT FUNCTION: Diesel oil supply for emergency electric at water-
works #3 and #4

INSTALLATION DATE OF TANK: August 12, 1976

CAPACITY OF TANK: 550 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Diesel fuel

DEPTH TO TOP OF TANK: 3 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Grass covered, near concrete.

NAME OF INSTALLATION: Ravenna BAF

SURVEY DATE: 21 & 22 August, 1989

TANK ID: RVAAP 52

OTSEE TANK ID: RV 52

STATUS OF TANK: Permanently out of use.

SUPPORT FUNCTION: #2 fuel oil supply for building; heating
boiler - building demolished in 80's. Used until
1987 for storage.

INSTALLATION DATE OF TANK: June 13, 1941

CAPACITY OF TANK: 1,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Heating Oil

DEPTH TO TOP OF TANK: 2.4 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Some gravel, rocks, weeds.

NAME OF INSTALLATION: Revenue AAP

SURVEY DATE: 21 & 22 August 1988

TANK ID: RYAAP 22

OTHER TANK ID: RV 55

STATUS OF TANK: Temporarily out of use.

SUPPORT FUNCTION: #2 fuel oil for boiler house operations. Process
building heat.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 20,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: #5 Heating Oil

DEPTH TO TOP OF TANK: 2 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: 5' x 12' concrete pad.

NAME OF INSTALLATION: Ravenna RAP

SURVEY DATE: 21 & 22 August, 1989

TANK ID: RVRAP 26

OTSER TANK ID: RV 26

STATUS OF TANK: Temporarily out of use, MOB standby.

SUPPORT FUNCTION: #5 fuel oil for boiler house operations. Process
building heat.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 20,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: #5 Heating Oil

DEPTH TO TOP OF TANK: 2 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: 5' x 12' concrete pad.

NAME OF INSTALLATION: Savannah AAF

SURVEY DATE: 31 & 30 August, 1983

TANK ID: RYAAP 57

OTHER TANK ID: RV 57

STATUS OF TANK: Temporarily out of use, in standby for MOB.

SUPPORT FUNCTION: #5 fuel oil supply for boiler house operations -
process building heat.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 15,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: #5 Fuel Oil

DEPTH TO TOP OF TANK: 3 feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Concrete pad, steam lines, extra fill lines.

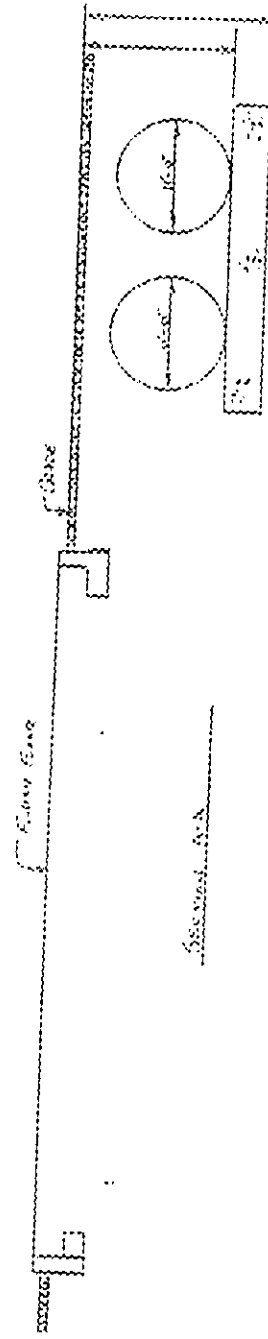
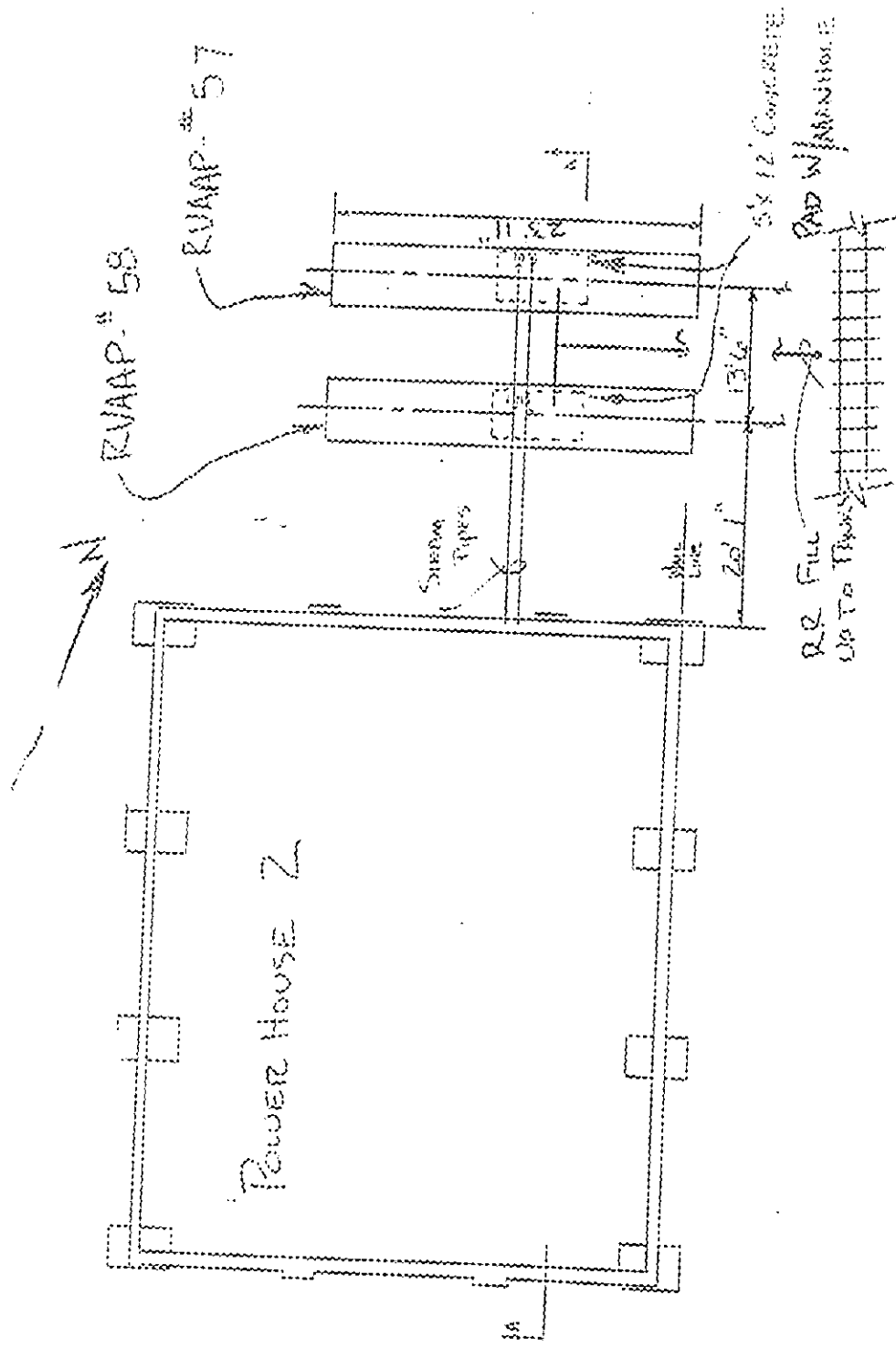


TABLE - RVAP-57 & 58

Also see

NAME OF INSTALLATION: Ravenscroft AAF

SURVEY DATES: 21 & 22 August, 1988

TANK ID: EVAAP 52

OTHER TANK ID: RV 52

STATUS OF TANK: Temporarily out of use.

SUPPORT FUNCTION: #5 fuel oil supply for boiler house operations -
process building heat.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 15,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: #5 Fuel Oil

DEPTH TO TOP OF TANK: 3 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Concrete pad, steam lines, extra fill lines.

NAME OF INSTALLATION: Ravenna MAP

SURVEY DATE: 21 & 22 August, 1980

TANK ID: KVAAP 59

OTHER TANK ID: 2V 59

STATUS OF TANK: Temporarily out of use. MOS standby.

SUPPORT FUNCTION: #5 fuel oil supply for boiler house operations --
process building heat.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 20,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: None

PIPING TYPE: Bare steel

SUBSTANCE STORED: #5 Fuel Oil

DEPTH TO TOP OF TANK: 3 Feet

TANK TESTING DATA: None

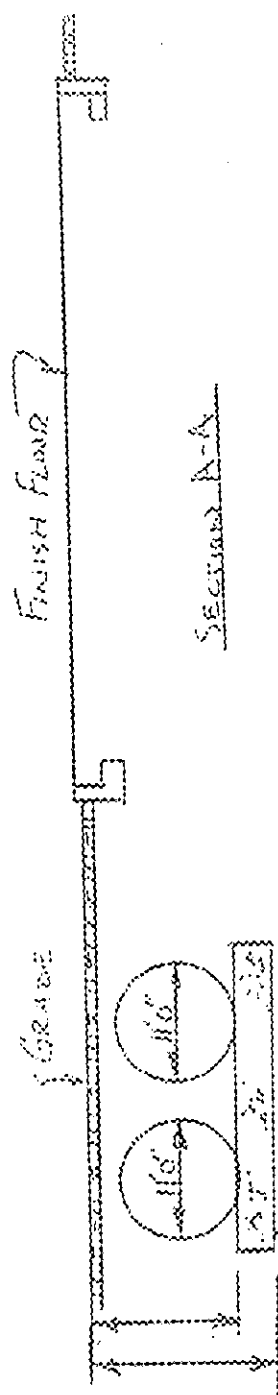
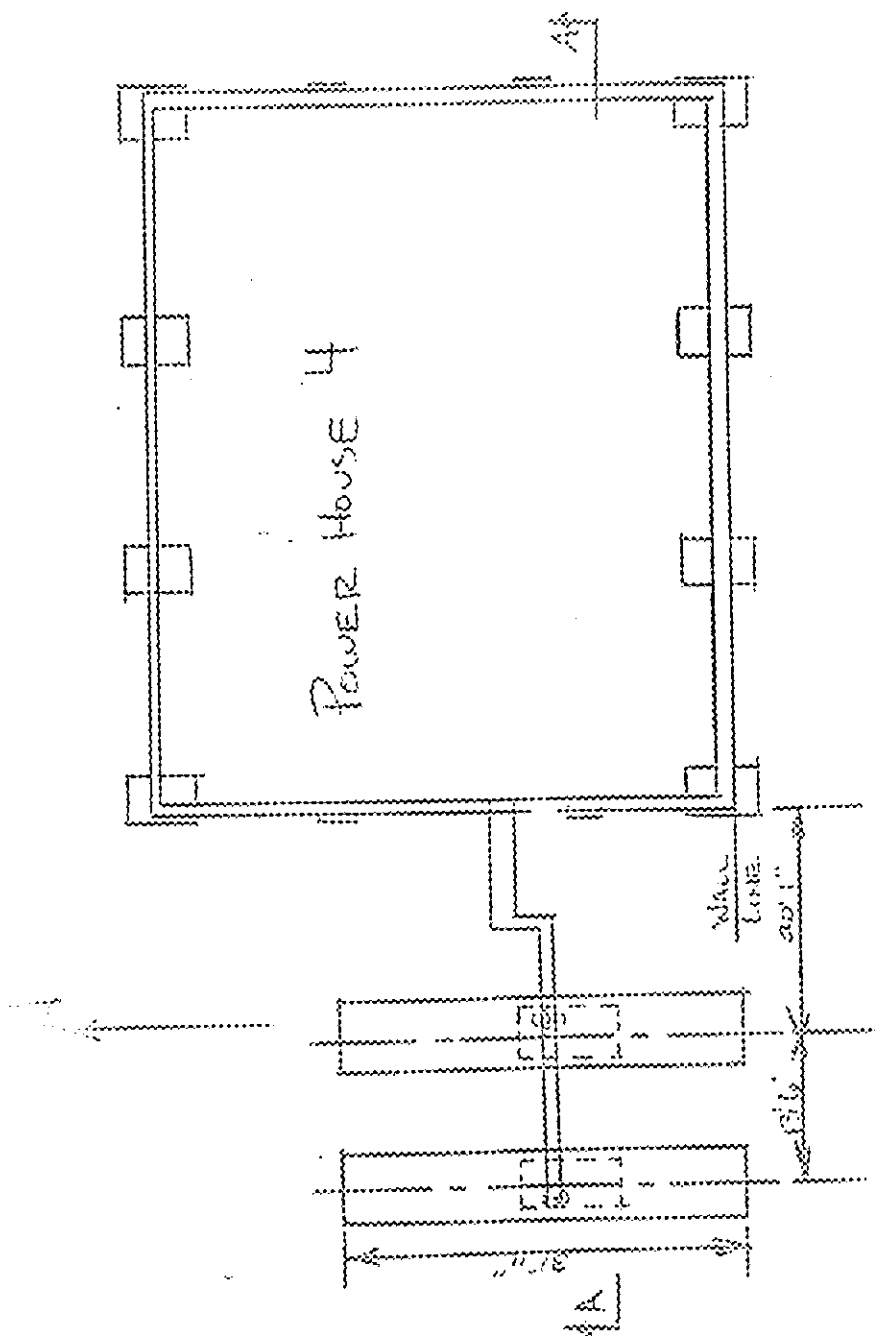
CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Concrete pad, 5' x 12'.



TAPUS RVADP-59460
 Not To Scale

NAME OF INSTALLATION: Ravenna AAP

SURVEY DATE: 31 & 32 August, 1989

TANK ID: RVAAP 60

OTHER TANK ID: RV 50

STATUS OF TANK: Temporarily out of use, MOB standby.

SUPPORT FUNCTION: #5 fuel oil supply for boiler house operations ~
process building heat.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 20,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: #5 Fuel Oil

DEPTH TO TOP OF TANK: 4 feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Concrete pad, 6' x 13'.

NAME OF INSTALLATION: Ravenna AAF

SURVEY DATES: 21 & 22 August, 1969

TANK ID: EV2AF 61

OTHER TANK ID: KV 61

STATUS OF TANK: Temporarily out of use, NOS standby.

SUPPORT FUNCTION: #5 fuel oil supply for boiler house operations -
process building heat.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 20,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: #5 Fuel Oil

DEPTH TO TOP OF TANK: 4 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Concrete pad, 6' x 12'.

NAME OF INSTALLATION: Ravenna AAP

SURVEY DATE: 21 & 22 August, 1989

TANK ID: EVAAP 62

OTHER TANK ID: RV 62

STATUS OF TANK: Temporarily out of use, NGB standby.

SUPPORT FUNCTION: #5 fuel oil supply for boiler house operations -
process building heat.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 20,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: #5 Fuel Oil

DEPTH TO TOP OF TANK: 4 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Concrete pad, 5' x 10'.

NAME OF INSTALLATION: Ravenna AAF

SURVEY DATES: 21 & 22 August, 1986

TANK ID: EV22P 63

OTHER TANK ID: EV 63

STATUS OF TANK: Temporarily out of use, MOB standby.

SUPPORT FUNCTION: #5 fuel oil supply for boiler house operations --
process building heat.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 20,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: #5 Fuel Oil

DEPTH TO TOP OF TANK: 4 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Concrete pad.

NAME OF INSTALLATION: Savannah AAF

SURVEY DATE: 31 & 33 August, 1983

TANK ID: RYAAF 64

OTHER TANK ID: RV 64

STATUS OF TANK: Temporarily out of use. MOB standby.

SUPPORT FUNCTION: #5 fuel oil supply for boiler house operations -
process building heat.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 20,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: #5 Fuel Oil

DEPTH TO TOP OF TANK: 4 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Concrete Pad. 5' x 12'.

NAME OF INSTALLATION: Ravenna AAP

SURVEY DATE: 31 & 22 August, 1989

TANK ID: RVAAP 66

OTHER TANK ID: RV 66

STATUS OF TANK: Currently in Use

SUPPORT FUNCTION: #6 fuel oil supply for boiler house operations -
Admin. Bldg. heat.

INSTALLATION DATE OF TANK: May 12, 1974

CAPACITY OF TANK: 20,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: #6 Fuel Oil

DEPTH TO TOP OF TANK: 4 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Rock covered with pipe support poles, concrete pads.

NAME OF INSTALLATION: Ravenna AAF

SURVEY DATE: 21 & 22 August, 1989

TANK ID: HVAAP 67

OTHER TANK ID: HV 67

STATUS OF TANK: Currently in Use

SUPPORT FUNCTION: #6 fuel oil supply for boiler house operations ~
Admin. Bldg. heat.

INSTALLATION DATE OF TANK: May 13, 1974

CAPACITY OF TANK: 20,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: #6 Fuel Oil

DEPTH TO TOP OF TANK: 4 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Rock covered with pipe support poles, concrete pads.

NAME OF INSTALLATION: Reynolds AAF

SURVEY DATE: 21 & 22 August, 1989

TANK ID: RVAAP 73

OTHER TANK ID: RV 73

STATUS OF TANK: Currently in Use

SUPPORT FUNCTION: #2 fuel oil supply to package boiler for process and
building heat.

INSTALLATION DATE OF TANK: November 12, 1981

CAPACITY OF TANK: 5,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: #2 Fuel Oil

DEPTH TO TOP OF TANK: 2 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Mound of dirt over tank.

NAME OF INSTALLATION: Eavenue AAF

SURVEY DATE: 21 & 22 August, 1969

TANK ID: HVAAP 80

OTHER TANK ID: HV 80

STATUS OF TANK: Permanently Out of Use.

SUPPORT FUNCTION: Gasoline dispensement for installation vehicles.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 12,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bara steel

SUBSTANCE STORED: Leaded gasoline, abandoned with sand fill.

DEPTH TO TOP OF TANK: Unknown

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Dirt and grass.

Comments: See installation drawing and picture.

NAME OF INSTALLATION: Ravenna AAF

SURVEY DATE: 21 & 22 August 1989

TANK ID: RVRAP 21

OTHER TANK ID: RV 21

STATUS OF TANK: Permanently out of use, not been used since Jan. 1954.

SUPPORT FUNCTION: None. Abandoned in place in 1955.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 10,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Leaded gasoline

DEPTH TO TOP OF TANK: 3 Feet

TANK TESTING DATE: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Dirt/gravel.

Comments: See installation drawing and picture.

NAME OF INSTALLATION: Ravenna RAF

SURVEY DATE: 21 & 22 August, 1988

TANK ID: SVRAF S2

OTHER TANK ID: RV 82

STATUS OF TANK: Permanently out of use, not been used since Jan. 1984.

SUPPORT FUNCTION: None. . Abandoned in place in 1955.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 10,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Leaded gasoline

DEPTH TO TOP OF TANK: 3 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Dirt/gravel.

Comments: See installation drawing and picture.

NAME OF INSTALLATION: Revenue AAF

SURVEY DATES: 21 & 22 August, 1983

TANK ID: RYAAP 23

OTHER TANK ID: RV 23

STATUS OF TANK: Permanently out of use, not been used since Jan. 1984.

SUPPORT FUNCTION: None. Abandoned in place in 1955.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: 10,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Leaded gasoline

DEPTH TO TOP OF TANK: 3 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Dirt/gravel.

Comments: See installation drawing and picture.

NAME OF INSTALLATION: Revenue AAP

SURVEY DATE: 21 & 22 August, 1989

TANK ID: RYAAP 25

OTHER TANK ID: RV 26

STATUS OF TANK: Permanently out of use, not been used since Jan. 1984.

SUPPORT FUNCTION: Unknown

INSTALLATION DATE OF TANK: Unknown

CAPACITY OF TANK: Unknown

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: Unknown

TANK EXTERNAL PROTECTION: Unknown

PIPING TYPE: Unknown

SUBSTANCE STORED: Unknown

DEPTH TO TOP OF TANK: 3 feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Dirt and grass.

Comments: See installation drawing and picture.

NAME OF INSTALLATION: Revenue AAF

SURVEY DATE: 21 & 22 August 1989

TANK ID: RVAAP 87

OTHER TANK ID: RV 87

STATUS OF TANK: Permanently out of use, not been used since Jan. 1984.

SUPPORT FUNCTION: Unknown

INSTALLATION DATE OF TANK: Unknown

CAPACITY OF TANK: Unknown

TANK MATERIAL: Unknown

TANK INTERNAL PROTECTION: Unknown

TANK EXTERNAL PROTECTION: Unknown

PIPING TYPE: Unknown

SUBSTANCE STORED: Unknown

DEPTH TO TOP OF TANK: Approximately 8 feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Dirt

Comments: See installation drawing and picture.

NAME OF INSTALLATION: Ravenna RAP

SURVEY DATE: 21 & 22 August, 1989

TANK ID: EVAAP 22

OTHER TANK ID: RV 22

STATUS OF TANK: Permanently out of use, not been used since Jan. 1984.

SUPPORT FUNCTION: #2 fuel oil for building heating furnace.

INSTALLATION DATE OF TANK: June 12, 1941

CAPACITY OF TANK: Unknown

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: #2 Fuel Oil

DEPTH TO TOP OF TANK: Unknown

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERGROWN CONDITIONS: Grass

Comments: See installation drawing and picture.

NAME OF INSTALLATION: Ravenss AAF

SURVEY DATE: 31 & 22 August, 1983

TANK ID: RYAAP 89

OTHER TANK ID: RY 89

STATUS OF TANK: Permanently out of use, not been used since Jan. 1954.

SUPPORT FUNCTION: Unknown

INSTALLATION DATE OF TANK: Pre-1941

CAPACITY OF TANK: Unknown

TANK MATERIAL: Unknown

TANK INTERNAL PROTECTION: Unknown

TANK EXTERNAL PROTECTION: Unknown

PIPING TYPE: Unknown

SUBSTANCE STORED: Unknown

DEPTH TO TOP OF TANK: Unknown

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Dirt, weeds, wooded area

Comments: Fill pipes for two tanks found along side road.

NAME OF INSTALLATION: Ravenna RAP

SURVEY DATE: 21 & 22 August, 1988

TANK ID: EVAMP 91

OTHER TANK ID: RV 91

STATUS OF TANK: Currently in Use

SUPPORT FUNCTION: #2 fuel oil supply for buildings' heating furnace.

INSTALLATION DATE OF TANK: March 1, 1968

CAPACITY OF TANK: 3,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coatings

PIPING TYPE: Bare steel

SUBSTANCE STORED: #2 Fuel Oil.

DEPTH TO TOP OF TANK: 2.75 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Grass and weed covered.

NAME OF INSTALLATION: Ravenna AAP

SURVEY DATE: 21 & 22 August, 1989

TANK ID: RVAAP 92

OTHER TANK ID: RV 92

STATUS OF TANK: Permanently Out of Use.

SUPPORT FUNCTION: Previously used as motor oil storage for vehicle maintenance.

INSTALLATION DATE OF TANK: March 12, 1970

CAPACITY OF TANK: 3,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: Used Oil

DEPTH TO TOP OF TANK: 1.5 Feet

TANK TESTING DATA: None

CONTAINMENT DEVICES: None

EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

EVIDENCE OF SOIL, SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Grass and weed covered.

NAME OF INSTALLATION: Savannah AFB

SURVEY DATE: 21 & 22 August 1989

TANK ID: KVAAF 95

OTHER TANK ID: RV 95

STATUS OF TANK: Currently in Use

SUPPORT FUNCTION: #2 fuel oil supply for buildings' heating furnace.

INSTALLATION DATE OF TANK: March 1, 1969

CAPACITY OF TANK: 3,000 gallons

TANK MATERIAL: Steel

TANK INTERNAL PROTECTION: None

TANK EXTERNAL PROTECTION: Asphaltic Coating

PIPING TYPE: Bare steel

SUBSTANCE STORED: #2 Fuel Oil

DEPTH TO TOP OF TANK: 2 Feet

TANK TESTING DATA: None

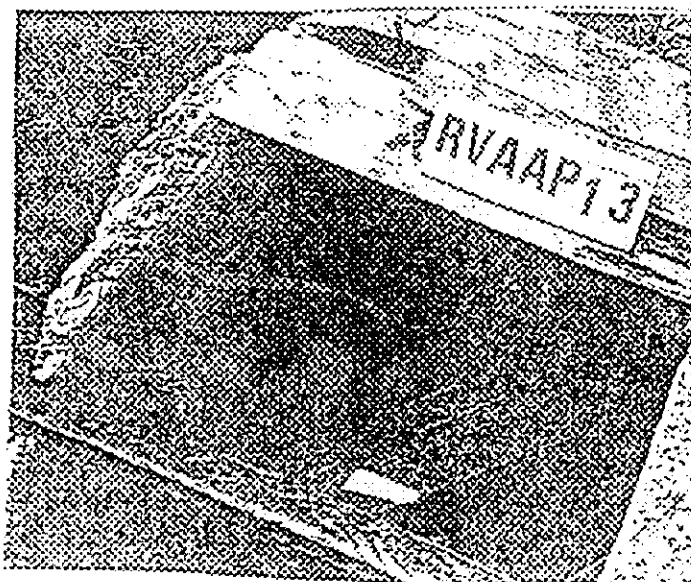
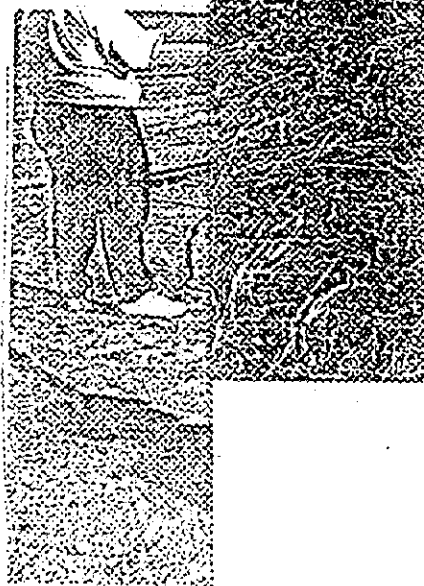
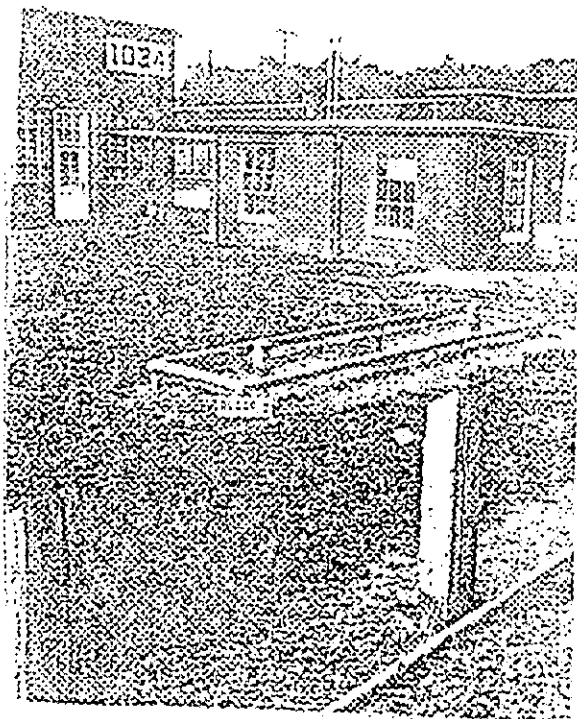
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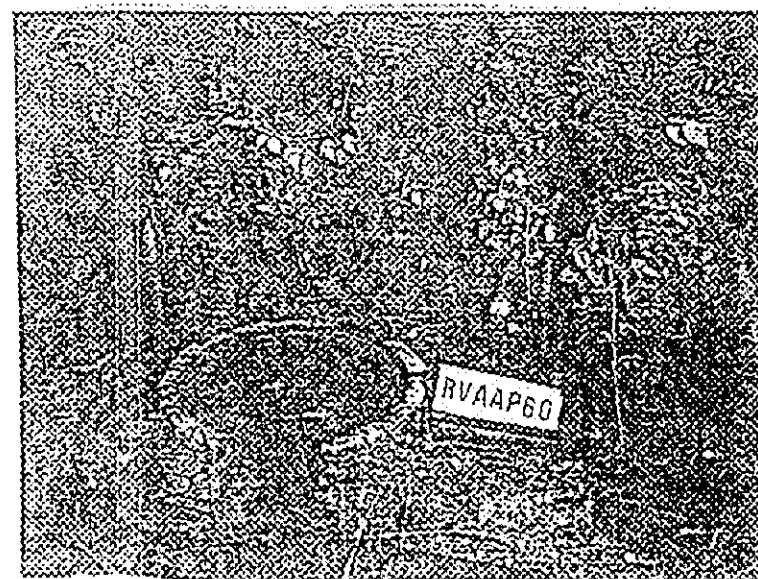
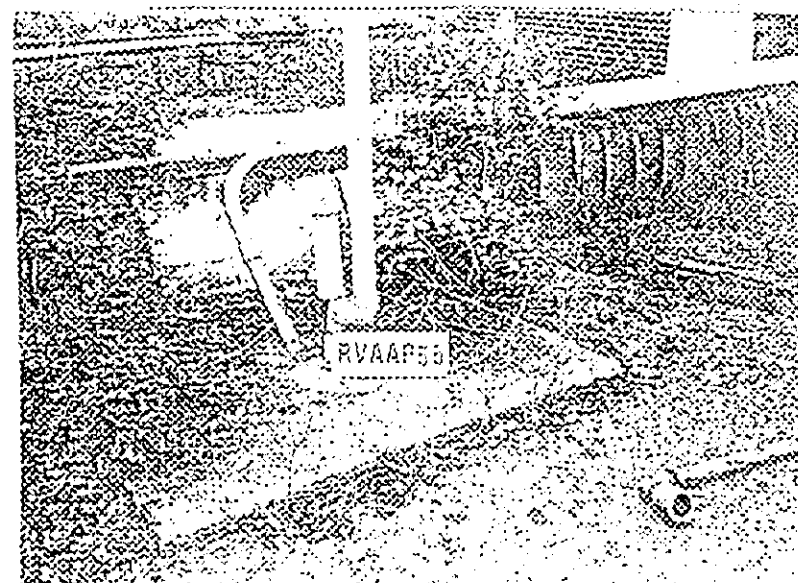
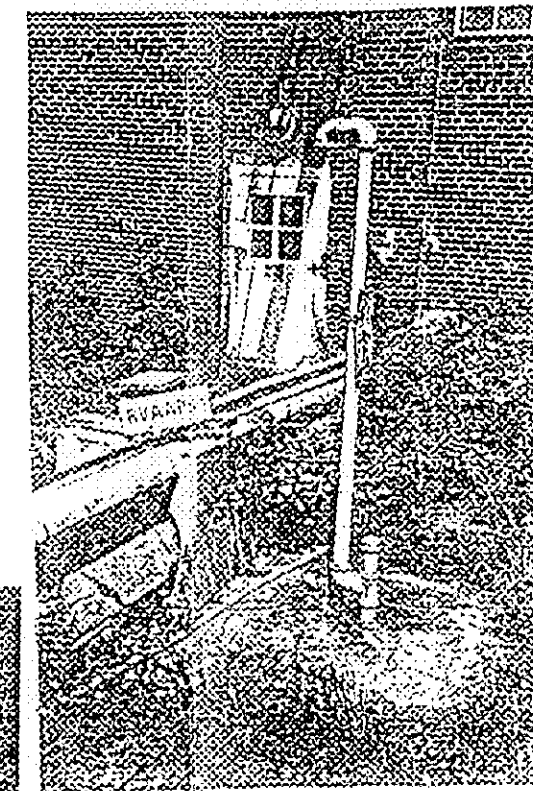
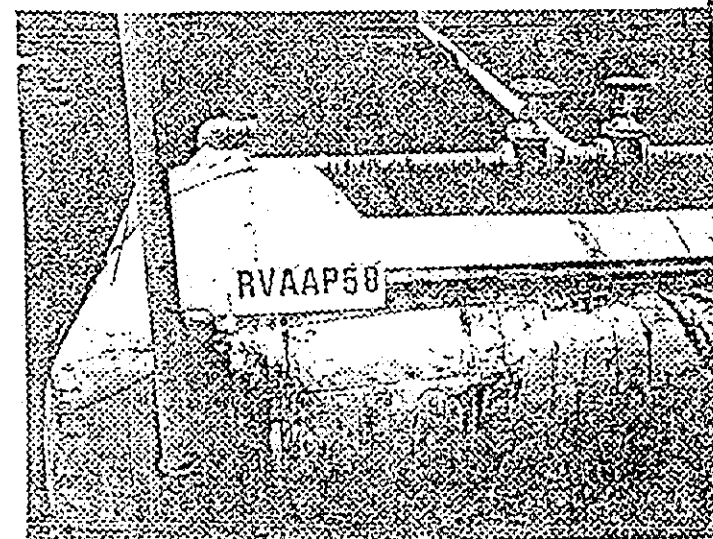
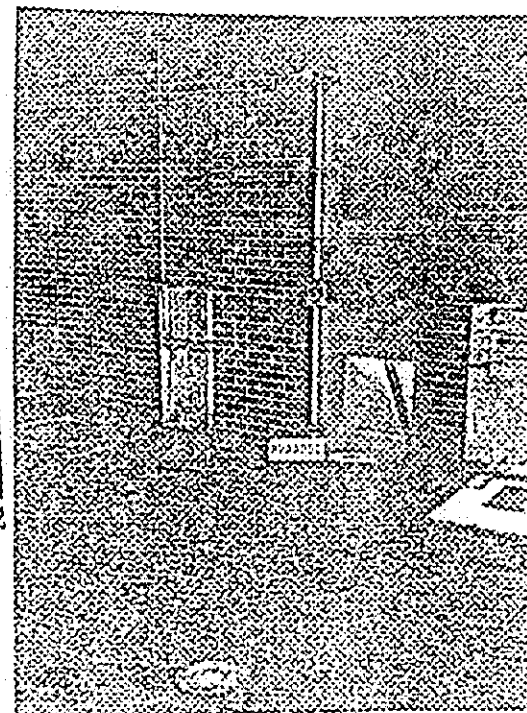
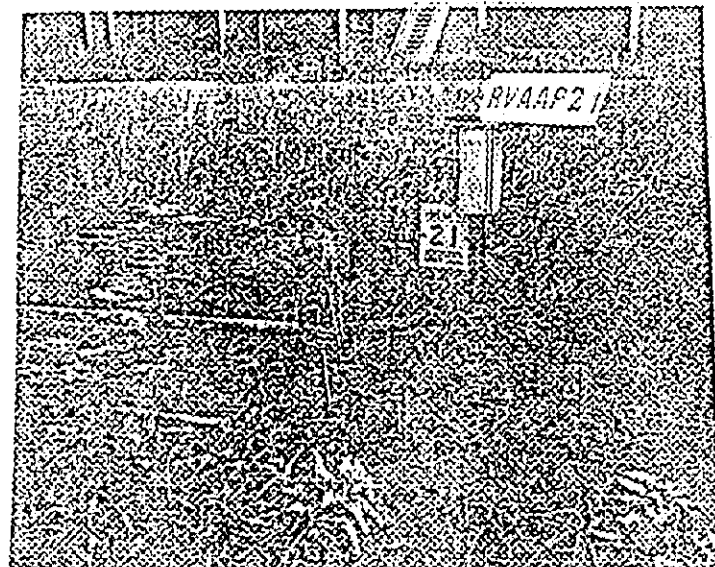
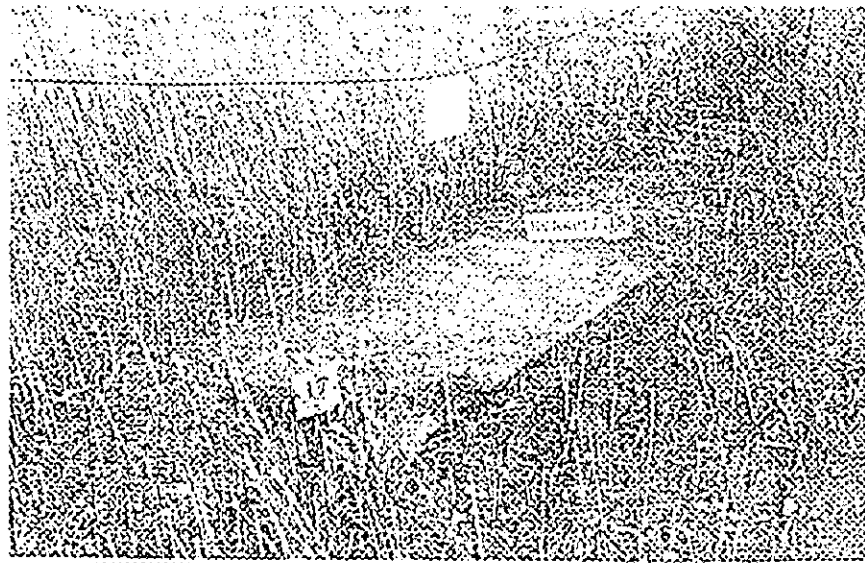
EVIDENCE OF SPILLS: None

EVIDENCE OF PAST/CURRENT LEAKAGE: None

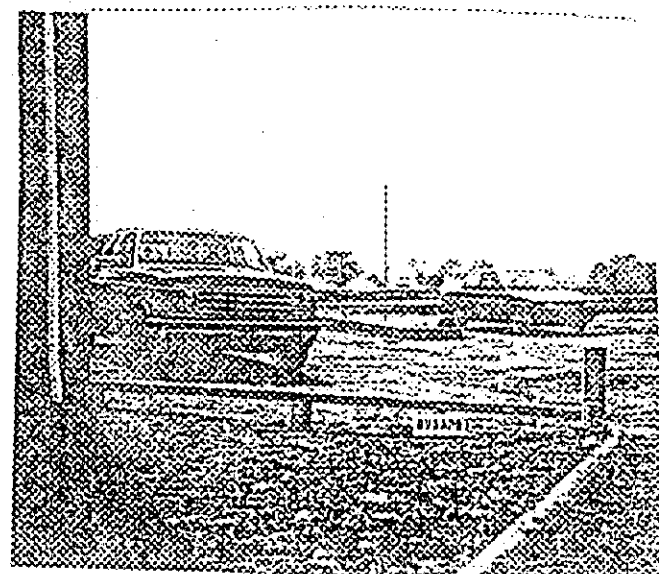
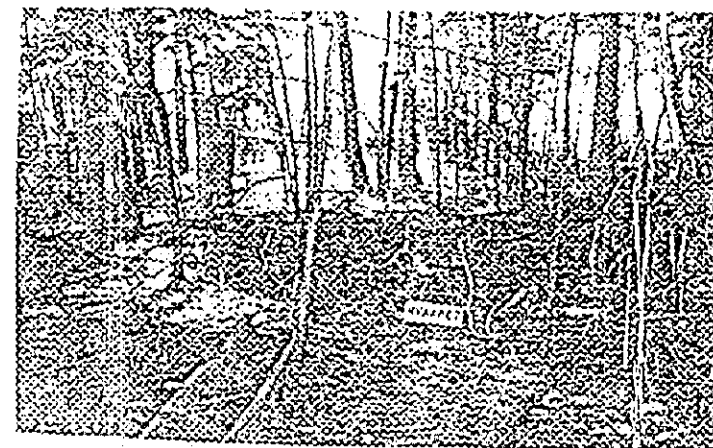
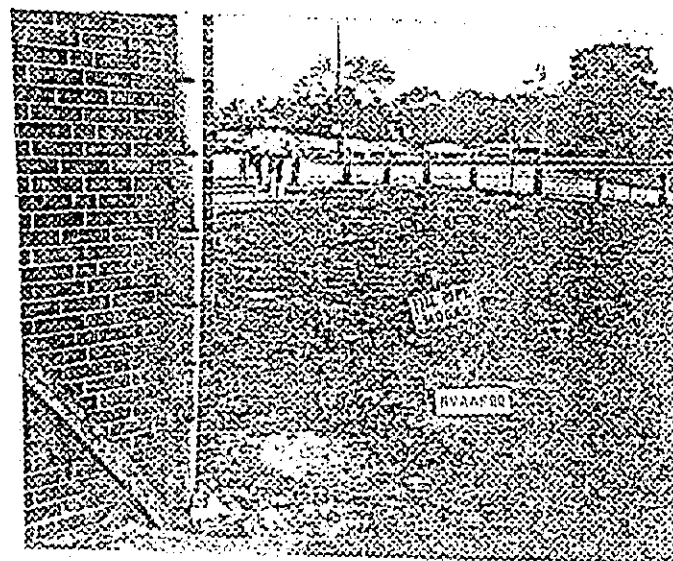
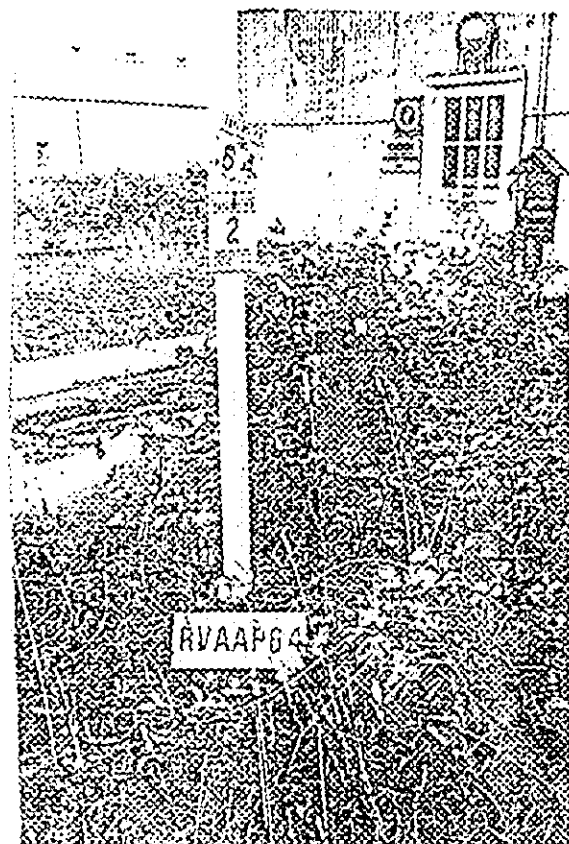
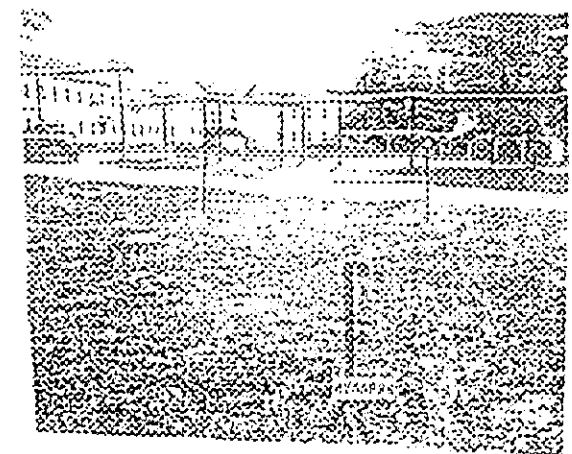
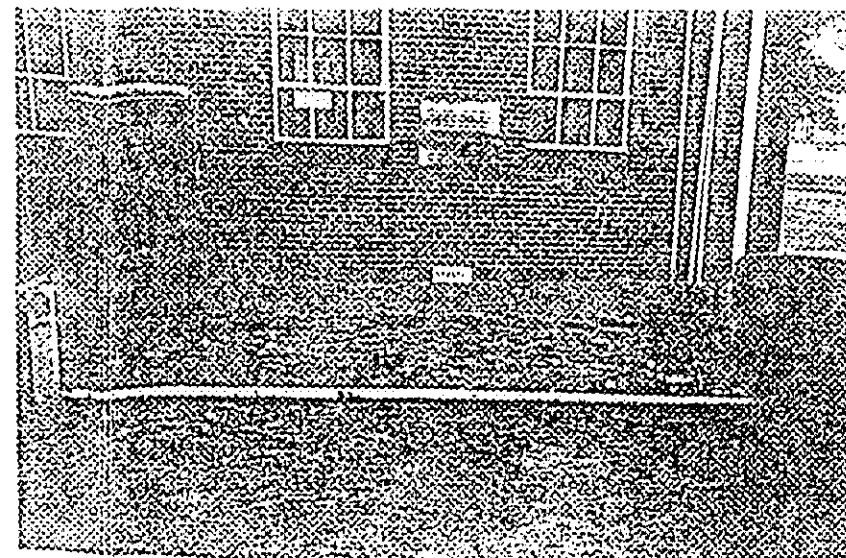
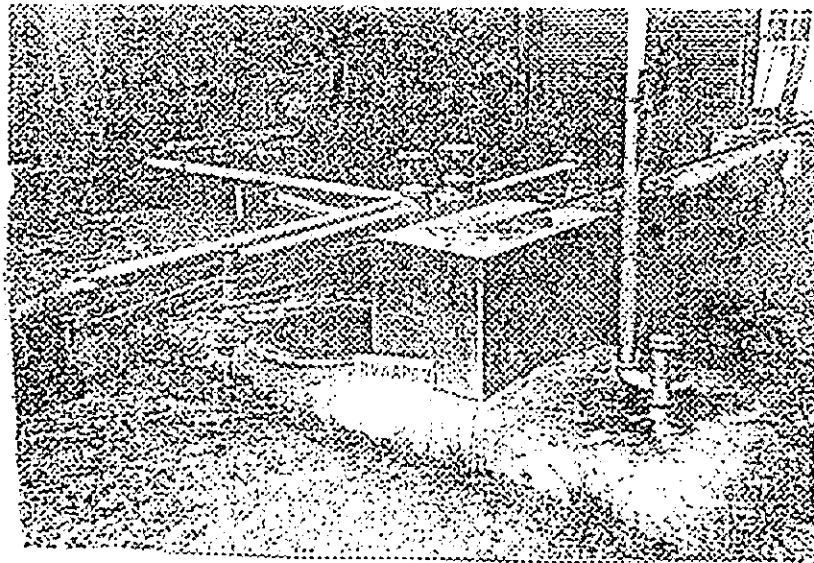
EVIDENCE OF SOIL SURFACE WATER OR GROUND WATER CONTAMINATION: None

OVERBURDEN CONDITIONS: Grass and rock.





DERA Eligible Tank Sites



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