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FINAL REMOVAL UPGRADE OF UNDERGROUND STORAGE TANKS TECHNICAL REPORT  
VOLUME 3 OF 3 NAS FORT WORTH TX  
3/1/1997  
JACOBS ENGINEERING

**326 0**



**NAVAL AIR STATION  
FORT WORTH JRB  
CARSWELL FIELD  
TEXAS**

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**ADMINISTRATIVE RECORD  
COVER SHEET**

AR File Number 326



# **United States Air Force Air Force Base Conversion Agency**

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FINAL

NAS Fort Worth JRB, Texas  
(Formerly Carswell AFB, Texas)

REMOVAL/UPGRADE OF  
UNDERGROUND STORAGE TANKS

TECHNICAL REPORT

VOLUME III OF III

MARCH 1997

**ATTACHMENT 1**

**UNIFIED SERVICES OF TEXAS INC.**

**UST REMOVAL REPORT**

**FINAL REPORT**  
**REMOVAL AND DISPOSAL OF UNDERGROUND STORAGE TANKS**

**Authority:**

**JEG Subcontract No. 10-K702-S-96-0002**  
**AFCEE/AFBCA PROGRAM NAS FT. WORTH JRB,**  
**Carswell Field, Fort Worth, Texas**

Report Number: 3896-002

June 21, 1996

**Prepared for:**

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Mr. Robert C. Miller, Subcontract Manager  
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## I. NOTIFICATION TO OWNER

Unified Services of Texas, Inc. (UST) is licensed within the State of Texas, under the Texas Natural Resource Conservation Commission (TNRCC) Contractor Registration Program (CRP) as licensee number 000970, and under TNRCC Registered Corrective Action Specialist (RCAS) program as licensee number 000278. Mr. Warren K. Kemp is licensed within the State of Texas, under the TNRCC Individual License Program (ILP) as licensee number 001940, licensed to repair and install, as well as remove, underground storage tank systems, "A" and "B" licenses respectively. All aspects of this project were performed under direct supervision of licensed personnel utilizing the guidance provided by American Petroleum Institute Recommended Practice Number 1604 (API RP-1604) and other acceptable industry practices.

As specified in Subcontract No. 10-K702-S-96-0002, Exhibit A, Statement of Work and changes thereto dated March 26, 1996, UST excavated and removed eleven (11) underground storage tanks and associated piping systems at the Naval Air Station (NAS) Fort Worth Joint Reserve Base (JRB), Carswell Field, Fort Worth, Texas (see Appendices A and B). The Thirty-Day Construction Notification required by the Texas Natural Resource Conservation Commission (TNRCC) was originally submitted on February 23, 1996, revised, and re-submitted on March 14, 1996 (see Appendix C). A waiver of the thirty day notification was requested from and granted by Mr. Lonnie Gilley, TNRCC, Region 4, Duncanville, Texas on February 23, 1996 with a scheduled date for proposed construction of February 23, 1996.

Permit No. M11-0100-96 was issued on March 22, 1996 by the City of Fort Worth, Bureau of Fire Prevention for the removal of underground storage tanks at six (6) separate locations (Building Nos. 1411, 1518, 1750, 3001, 4102, and 4210). Digging permits were obtained from the Public Works Engineering Branch, NAS Fort Worth JRB, for each of the six (6) locations where underground storage tanks were removed. Copies of all permits are included in Appendix D. A representative from the TNRCC's Region 4 Field Office was not present to observe the removals. Capt. W. L. Pierce, Inspector, Fort Worth Fire Prevention Bureau and Mr. John McManus, Site Manager, JEG were the principal observers of the removals. Various senior members of JEG and their subsidiaries, as well as members of the Air Force Center for Environmental Excellence (AFCEE) and the Air Force Base Conversion Agency (AFBCA) were present from time to time, during this removal and closure project. Facility and Fuel System Information for each tank, including serial numbers and material of construction, is listed

in Section IV of this report. All eleven (11) tanks were properly manifested, transported and destroyed by Texas Tank Destroyal, Venus, Texas.

Soil samples were collected by Jacobs Engineering Group (JEG) personnel and analyzed in accordance with the TNRCC sampling protocol and standards (see Appendix E). Each wall of the tank excavations was over-excavated approximately two feet (2') to remove potentially impacted soils. All soils excavated at each site were placed on and covered with poly plastic sheeting. Following the receipt of analysis results, UST received instruction from JEG as necessary to either: 1) return the original backfill materials into the excavation and compact in one foot (1') lifts, or 2) perform additional over-excavation of the walls. As permitted by TNRCC rules and regulations, each tank excavation was backfilled with the excavated soils removed from it previously. UST provided and compacted additional clean backfill material per the contract specifications. Excavated areas were restored to the approximate condition existing prior to tank removal.

The removal was completed utilizing the guidelines contained in the American Petroleum Institute's Recommended Practice 1604 (API/RP-1604). All work was performed in accordance with Title 30, Part I, Chapter 334 of the Texas Administrative Code (30 TAC 334 Part I (Environmental Quality) and Title 40, Parts 280 and 281 of the Code of Federal Regulations (40 CFR 280, 281). The tanks were picked up from each site at NAS Fort Worth JRB on various dates as noted in the Facility and Fuel System Information (Section IV of this report) by Texas Tank Destroyal and transported to their place of business in Venus, Texas to be steam cleaned, cut into sections, and properly disposed. Photographs of the tanks properly labeled are contained in Appendix F. The Certificate of Destroyal for the tanks and piping, as well as receipts for the disposable liquids, are included in Appendix G. Product lines removed were transported for disposal along with the tanks. Where piping removal was not possible, piping was backflushed, plugged, and capped in place.

Contained within this report are copies of data collected during field operations, observations upon excavation and tank removal, laboratory analyses of samples collected and corresponding receipts for the tank disposal. Correspondence relating to applicable regulatory notifications, is also included. Photographic evidence providing an audit trail depicting the sequence of important events is included as Appendix F, required receipts are contained in Appendix G, a chronology of events is included as Appendix H, and the revised TNRCC Registration Forms are included as Appendix I (the originals have been submitted to the TNRCC).

Copies of this report are provided to Mr. Robert C. Miller, Subcontract Manager and to Ms. Lynn Schuetter, Project Manager, Jacobs Engineering Group, Inc. per Exhibit B of Subcontract No. 10-K702-S-96-0002. A copy is also retained on file in UST's office.

## II. EXECUTIVE SUMMARY

A total of eleven (11) previously existing tank and piping systems were purged and removed from six (6) sites from March 21 through May 1, 1996, in accordance with American Petroleum Institute Recommended Practice 1604 (API/RP 1604). In order to provide access to the piping connections at the tank, the excavations were completed over the tanks to a point approximately one foot (1') below the top. All soil removed from the excavations was stockpiled on and covered with 6 mil plastic sheeting and bermed with soil, to prevent dermal exposure to humans. Appropriate safety fencing, barricades and caution tape were placed around the excavations to preclude any accidental ingress to the project site. All piping was drained back to the applicable tank. All tank contents were removed, each tank was triple rinsed, and all liquids were disposed under appropriate manifest. Organic vapor, oxygen and lower explosive limits (LEL) measurements were monitored and logged at prescribed intervals.

Following site directive procedures provided by JEG, soil samples were taken by JEG, from the walls and floor of the tank excavations, stockpiles, and then submitted for analyses. Each sample was collected by a skilled sampler in accordance with acceptable sampling procedures. All soil samples were analyzed by Certes Environmental Laboratories, L.C., a Dallas, Texas laboratory certified by the TNRCC to conduct soil and groundwater analyses, for Total Petroleum Hydrocarbons (TPH) and Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX).

### III. INTRODUCTION AND PURPOSE

The purpose of this Subcontract was to obtain services for the excavation, removal, transport and disposal of twelve (12) underground storage tanks located at NAS Fort Worth JRB in support of the Air Force Remedial Action Program, Jacobs Engineering Group's Prime Contract Number USAF/F41624-94-D-8116, issued by the Air Force Center for Environmental Excellence (AFCEE).

Unified Services of Texas, Incorporated (UST) provides this report of the underground storage tank and piping system removals at NAS Fort Worth JRB, Carswell Field, Fort Worth, Texas for the purpose of documenting the field activities conducted at the site and the observations made during the excavation, sampling, and removal procedures. This report provides the data and information, including the subsurface conditions observed, necessary to assess the actions taken as well as any actions which may remain incomplete. The following representatives of the companies, laboratories, and agencies listed participated in this project.

#### Responsibility

Fuel/Tank System Owner  
Owner ID# 04532  
Facility ID# 0009696

#### Identification

United States Air Force  
NAS Fort Worth JRB  
Carswell Field  
Fort Worth, Texas 76127

#### Contractor's Team Members

Prime Contractor  
Contract #USAF/F41624-94-D-8116

Jacobs Engineering Group, Inc.  
Ms. Lynn Schuetter, Project Manager  
Mr. Robert C. Miller, Subcontract Manager  
600 17th Street, Suite 1100N  
Denver, Colorado 80202  
(303) 595-8855

JE Remediation Technologies, Inc.  
Mr. John C. McManus, Site Manager  
P. O. Box 52667  
Houston, Texas 77052  
(713) 669-8400

## Laboratory

Certes Environmental Laboratories, L.C.  
 2209 Wisconsin Street, Suite 200  
 Dallas, Texas 75229  
 (214) 620-7966

Subcontractor Team

## Subcontract #10-K702-S-96-0002

Unified Services of Texas, Inc.  
 Mr. Clarence D. Hill, President  
 2110 Greenbriar Drive  
 Southlake, Texas 76092  
 (817) 481-9510

## Tank &amp; Piping Disposal

Texas Tank Destroyal  
 Ms. Kathy Alexander  
 PO Box 367  
 CR 213 & FM 1807  
 Venus, Texas 76084  
 (800) 782-6350

## Tank Cleaning, Liquid Disposal

Mobley Company, Inc.  
 2107 Quincy  
 Dallas, Texas 75212  
 (214) 637-6264

## Concrete Resurfacing

Tompkins Concrete, Inc.  
 P. O. Box 161096  
 Fort Worth, Texas 76161  
 (817) 748-0819



DATE OF LAST TIGHTNESS TEST:	03/11/96	03/11/96	03/11/96
RESULT OF TIGHTNESS TEST:	Pass	Pass	Pass
DATE TAKEN OUT OF SERVICE:	12/95	12/95	12/95
<b>TANK REMOVAL INFORMATION</b>			
DATE REMOVED:	03-26-96	03-26-96	03-26-96
HIGHEST LEL READING:	11%	7%	153%
LOWEST LEL READING:	0%	0%	0%
DEPTH OF EXCAVATION:	10.5'	10.5'	10.5'
LENGTH OF EXCAVATION:	14'	14'	14'
WIDTH OF EXCAVATION:	7.5'	7.5'	7.5'
LENGTH OF PIPING RUN:	4.0'	4.0'	4.0'
PIPING REMOVED:	YES	YES	YES
DEPTH TO GROUNDWATER:	11'+	11'+	11'+
GROUNDWATER ENCOUNTERED:	NO	NO	NO
OIL SHEEN ON GROUNDWATER:	NO	NO	NO
SOIL VISUALLY CONTAMINATED:	YES	YES	YES
ODORS DETECTED:	YES	YES	YES
HOLES VISIBLE IN UST:	NO	NO	NO
TYPE OF SOIL IN EXCAVATION:	CLAY/SAND	CLAY/SAND	CLAY/SAND
QTY OF PRODUCT REMOVED:	12 GAL	137 GAL	52 GAL
DISPOSITION OF PRODUCT:	DISPOSAL	DISPOSAL	DISPOSAL
QUANTITY OF RINSATE USED:	150 GAL	150 GAL	150 GAL
DISPOSITION OF RINSATE:	DISPOSAL	DISPOSAL	DISPOSAL
DISPOSITION OF TANK:	DISPOSAL	DISPOSAL	DISPOSAL

**Notes:** 1. Soil sampling conducted by Jacobs Engineering Group, Inc.

Table 2 - Facility and Fuel System Information Building No. 1518

FACILITY NAME: Building #1518  
 ADDRESS: NAS Fort Worth JRB  
 Fort Worth, Texas 76127

TNRCC FACILITY ID: 0009696  
 TNRCC OWNER ID: 04532

FACILITY P.O.C.: Mr. Alan W. Flolo  
 FACILITY TELEPHONE NO.: (817) 731-8973 ext 18

TNRCC P.O.C.: Mr. Lonnie Gilley

INITIAL SURVEY			
TANK FACILITY OPERATOR: NAS Fort Worth JRB			
LOCATION OF TANKS: Building #1518			
TANK DESIGNATION (1,2,3. etc):	1518-5		
TANK ID/NUMBER:	None		
TANK CAPACITY:	600		
CURRENT CONTENTS:	Waste Oil		
LEVEL IN TANK (W=Water;F=Fuel):	6.0' O		
TANK MATERIAL:	Fiberglass		
DIAMETER OF TANK:	72"		
LENGTH OF TANK:	6'		
COVER MATERIAL OVER TANK:	Concrete		
DEPTH TO TOP OF TANK:	3.5'		
HISTORY OF TANKS			
ESTIMATED DATE OF INSTALLATION	1970		
PRODUCT STORED:	Waste Oil		
DATE OF LAST TIGHTNESS TEST	03/11/96		
RESULT OF TIGHTNESS TEST	Pass		
DATE TAKEN OUT OF SERVICE	12/95		
TANK REMOVAL INFORMATION			
DATE REMOVED:	03-20-96		

HIGHEST LEL READING:	3.5%		
LOWEST LEL READING:	0%		
DEPTH OF EXCAVATION:	10.0'		
LENGTH OF EXCAVATION:	10.0'		
WIDTH OF EXCAVATION:	12.0'		
LENGTH OF PIPING RUN:	3.0'		
PIPING REMOVED:	NO		
DEPTH TO GROUNDWATER:	8.0'		
GROUNDWATER ENCOUNTERED:	YES		
OIL SHEEN ON GROUNDWATER:	NO		
SOIL VISUALLY CONTAMINATED:	NO		
ODORS DETECTED:	NO		
HOLES VISIBLE IN UST:	NO		
TYPE OF SOIL IN EXCAVATION:	PEA GRAVEL		
QTY OF PRODUCT REMOVED:	40 GAL		
DISPOSITION OF PRODUCT:	DISPOSAL		
QUANTITY OF RINSATE USED:	40 GAL		
DISPOSITION OF RINSATE:	DISPOSAL		
DISPOSITION OF TANK:	DISPOSAL		

**Notes:** 1. Soil sampling conducted by Jacobs Engineering Group, Inc.

**Table 3 - Facility and Fuel System Information Building No. 1750**

**FACILITY NAME:** Building #1750  
**ADDRESS:** NAS Fort Worth JRB  
 Fort Worth, Texas 76127

**TNRCC FACILITY ID:** 0009696  
**TNRCC OWNER ID:** 04532

**FACILITY P.O.C.:** Mr. Alan W. Fiolo  
**FACILITY TELEPHONE NO.:** (817) 731-8973 ext 18

**TNRCC P.O.C.:** Mr. Lonnie Gilley

INITIAL SURVEY			
TANK FACILITY OPERATOR: NAS Fort Worth JRB			
LOCATION OF TANKS: Building #1750			
TANK DESIGNATION (1,2,3, etc):	1750-2		
TANK ID/NUMBER:	OC 205638		
TANK CAPACITY:	8,000		
CURRENT CONTENTS:	Diesell		
LEVEL IN TANK (W=Water;F=Fuel):	3.5" F		
TANK MATERIAL:	Fiberglass		
DIAMETER OF TANK:	92.5"		
LENGTH OF TANK:	25.5"		
COVER MATERIAL OVER TANK:	Soil		
DEPTH TO TOP OF TANK:	33"		
HISTORY OF TANKS			
ESTIMATED DATE OF INSTALLATION:	1986		
PRODUCT STORED	Diesel		
DATE OF LAST TIGHTNESS TEST	02/96		
RESULT OF TIGHTNESS TEST	Pass		
DATE TAKEN OUT OF SERVICE	02/96		
TANK REMOVAL INFORMATION			
DATE REMOVED:	03-11-96		

HIGHEST LEL READING:	4.0%		
LOWEST LEL READING:	0%		
DEPTH OF EXCAVATION:	13.0'		
LENGTH OF EXCAVATION:	38.0'		
WIDTH OF EXCAVATION:	15.0'		
LENGTH OF PIPING RUN:	75'		
PIPING REMOVED:	Yes		
DEPTH TO GROUNDWATER:	11'		
GROUNDWATER ENCOUNTERED:	YES		
OIL SHEEN ON GROUNDWATER:	NO		
SOIL VISUALLY CONTAMINATED:	NO		
ODORS DETECTED:	NO		
HOLES VISIBLE IN UST:	NO		
TYPE OF SOIL IN EXCAVATION:	PEA GRAVEL		
QTY OF PRODUCT REMOVED:	108 GAL		
DISPOSITION OF PRODUCT:	DISPOSAL		
QUANTITY OF RINSATE USED:	50 GAL		
DISPOSITION OF RINSATE:	DISPOSAL		
DISPOSITION OF TANK:	DISPOSAL		

**Notes:** 1. Soil sampling conducted by Jacobs Engineering Group, Inc.

**Table 4 - Facility and Fuel System Information Building No. 3001**

**FACILITY NAME:** Building #3001, FMC  
**ADDRESS:** NAS Fort Worth JRB  
 Fort Worth, Texas 76127

**TNRCC FACILITY ID:** 0009696  
**TNRCC OWNER ID:** 04532

**FACILITY P.O.C.:** Mr. Alan W. Flolo  
**FACILITY TELEPHONE NO.:** (817) 731-8973 ext 18

**TNRCC P.O.C.:** Mr. Lonnie Gilley

INITIAL SURVEY			
TANK FACILITY OPERATOR: NAS Fort Worth JRB			
LOCATION OF TANKS: Building #3001, Federal Medical Center			
TANK DESIGNATION (1,2,3, etc):	3001-3		
TANK ID/NUMBER:	None		
TANK CAPACITY:	20,000		
CURRENT CONTENTS:	RINSATE		
LEVEL IN TANK (W=Water;F=Fuel):	1.0" W		
TANK MATERIAL:	Steel		
DIAMETER OF TANK:	10'		
LENGTH OF TANK:	34'		
COVER MATERIAL OVER TANK:	Soil		
DEPTH TO TOP OF TANK:	38"		
HISTORY OF TANKS			
ESTIMATED DATE OF INSTALLATION	Unknown		
PRODUCT STORED:	Diesel		
DATE OF LAST TIGHTNESS TEST:	02/96		
RESULT OF TIGHTNESS TEST:	Fail		
DATE TAKEN OUT OF SERVICE:	03/95		
TANK REMOVAL INFORMATION			
DATE REMOVED:	05-01-96		

HIGHEST LEL READING:	3.0%		
LOWEST LEL READING:	0%		
DEPTH OF EXCAVATION:	14.0'		
LENGTH OF EXCAVATION:	38.0'		
WIDTH OF EXCAVATION:	32.0'		
LENGTH OF PIPING RUN:	44'		
PIPING REMOVED:	YES		
DEPTH TO GROUNDWATER:	12'		
GROUNDWATER ENCOUNTERED:	YES		
OIL SHEEN ON GROUNDWATER:	NO		
SOIL VISUALLY CONTAMINATED:	PIPING ONLY		
ODORS DETECTED:	YES		
HOLES VISIBLE IN UST:	NO		
TYPE OF SOIL IN EXCAVATION:	BUILDER'S SAND		
QTY OF PRODUCT REMOVED:	336 GAL		
DISPOSITION OF PRODUCT:	DISPOSAL		
QUANTITY OF RINSATE USED:	600 GAL		
DISPOSITION OF RINSATE:	DISPOSAL		
DISPOSITION OF TANK:	DISPOSAL		

**Notes:** 1. Soil sampling conducted by Jacobs Engineering Group, Inc.

Table 5 - Facility and Fuel System Information Building No. 4102

FACILITY NAME: Building #4102  
 ADDRESS: NAS Fort Worth JRB  
 Fort Worth, Texas 76127

TNRCC FACILITY ID: 0009696  
 TNRCC OWNER ID: 04532

FACILITY P.O.C.: Mr. Alan W. Flolo  
 FACILITY TELEPHONE NO.: (817) 731-8973 ext 18

TNRCC P.O.C.: Mr. Lonnie Gilley

INITIAL SURVEY			
TANK FACILITY OPERATOR: NAS Fort Worth JRB			
LOCATION OF TANKS: Building #4102			
TANK DESIGNATION (1,2,3, etc):	4102-1		
TANK ID/NUMBER:	J-017553		
TANK CAPACITY:	315		
CURRENT CONTENTS:	Diesell		
LEVEL IN TANK (W=Water;F=Fuel):	2.0' F		
TANK MATERIAL:	Steel		
DIAMETER OF TANK:	36"		
LENGTH OF TANK:	68"		
COVER MATERIAL OVER TANK:	Grass		
DEPTH TO TOP OF TANK:	3.0'		
HISTORY OF TANKS			
ESTIMATED DATE OF INSTALLATION:	1980		
PRODUCT STORED:	Diesel:		
DATE OF LAST TIGHTNESS TEST:	03/11/96		
RESULT OF TIGHTNESS TEST:	Pass		
DATE TAKEN OUT OF SERVICE:	3/95		
TANK REMOVAL INFORMATION			
DATE REMOVED:	03-26-96		

HIGHEST LEL READING:	7.0%		
LOWEST LEL READING:	0%		
DEPTH OF EXCAVATION:	7.0'		
LENGTH OF EXCAVATION:	92'		
WIDTH OF EXCAVATION:	5.0'		
LENGTH OF PIPING RUN:	6.0'		
PIPING REMOVED:	YES		
DEPTH TO GROUNDWATER:	7+		
GROUNDWATER ENCOUNTERED:	NO		
OIL SHEEN ON GROUNDWATER:	NO		
SOIL VISUALLY CONTAMINATED:	YES		
ODORS DETECTED:	YES		
HOLES VISIBLE IN UST:	NO		
TYPE OF SOIL IN EXCAVATION:	NATIVE		
QTY OF PRODUCT REMOVED:	7 GAL		
DISPOSITION OF PRODUCT:	DISPOSAL		
QUANTITY OF RINSATE USED:	30 GAL		
DISPOSITION OF RINSATE:	DISPOSAL		
DISPOSITION OF TANK:	DISPOSAL		

**Notes:** 1. Soil sampling conducted by Jacobs Engineering Group, Inc.

**Table 6 - Facility and Fuel System Information Building No. 4210**

**FACILITY NAME:** Building #4210  
**ADDRESS:** NAS Fort Worth JRB  
 Fort Worth, Texas 76127

**TNRCC FACILITY ID:** 0009696  
**TNRCC OWNER ID:** 04532

**FACILITY P.O.C.:** Mr. Alan W. Flolo  
**FACILITY TELEPHONE NO.:** (817) 731-8973 ext 18

**TNRCC P.O.C.:** Mr. Lonnie Gilley

<b>INITIAL SURVEY</b>				
TANK FACILITY OPERATOR: NAS Fort Worth JRB				
LOCATION OF TANKS: Building #4210				
TANK DESIGNATION (1,2,3, etc):	4210-1	4210-2	4210-3	4210-5
TANK ID/NUMBER:	None	None	783417-118	T82-1422-142
TANK CAPACITY:	8,000	8,000	8,000	2,000
CURRENT CONTENTS:	JP-10	JP-10	JP-10	JP-10/H <sub>2</sub> O
LEVEL IN TANK (W=Water;F=Fuel):	7.5" F	5.5" F	6" F	8.0" F/W
TANK MATERIAL:	Fiberglass	Fiberglass	Fiberglass	Fiberglass
DIAMETER OF TANK:	96"	96"	96"	96"
LENGTH OF TANK:	25.5'	25.5'	25.5'	12'
COVER MATERIAL OVER TANK:	Gravel	Gravel	Gravel	Gravel
DEPTH TO TOP OF TANK:	98"	98"	98"	98"
<b>HISTORY OF TANKS</b>				
ESTIMATED DATE OF INSTALLATION:	1985	1985	1985	1985
PRODUCT STORED:	JP-10	JP-10	JP-10	JP-10/H <sub>2</sub> O
DATE OF LAST TIGHTNESS TEST:	03/96	03/96	03/96	03/96
RESULT OF TIGHTNESS TEST:	Pass	Pass	Pass	Pass
DATE TAKEN OUT OF SERVICE:	1994	1994	1994	1994
<b>TANK REMOVAL INFORMATION</b>				
DATE REMOVED	04-01-96	04-01-96	04-01-96	04-01-96

HIGHEST LEL READING:	3%	1%	2%	15%
LOWEST LEL READING:	0%	0%	0%	0%
DEPTH OF EXCAVATION:	17'	17'	17'	17'
LENGTH OF EXCAVATION:	45'	45'	45'	45'
WIDTH OF EXCAVATION:	40'	40'	40'	40'
LENGTH OF PIPING RUN:	250'	250'	250'	250'
PIPING REMOVED:	YES	YES	YES	YES
DEPTH TO GROUNDWATER:	18'	18'	18'	18'
GROUNDWATER ENCOUNTERED:	YES	YES	YES	YES
OIL SHEEN ON GROUNDWATER:	NO	NO	NO	NO
SOIL VISUALLY CONTAMINATED:	NO	NO	NO	NO
ODORS DETECTED:	NO	NO	NO	NO
HOLES VISIBLE IN UST:	NO	NO	NO	NO
TYPE OF SOIL IN EXCAVATION:	PEA GRAVEL	PEA GRAVEL	PEA GRAVEL	PEA GRAVEL
QTY OF PRODUCT REMOVED:	334 GAL	212 GAL	240 GAL	145 GAL
DISPOSITION OF PRODUCT:	DISPOSAL	DISPOSAL	DISPOSAL	DISPOSAL
QUANTITY OF RINSATE USED:	80 GAL	80 GAL	80 GAL	37 GAL
DISPOSITION OF RINSATE:	DISPOSAL	DISPOSAL	DISPOSAL	DISPOSAL
DISPOSITION OF TANK:	DISPOSAL	DISPOSAL	DISPOSAL	DISPOSAL

**Notes:** 1. Soil sampling conducted by Jacobs Engineering Group, Inc.

## V. UNDERGROUND STORAGE TANK SYSTEMS REMOVAL

The tanks were inerted and removed from the excavation zones on various dates as previously noted in the Facility and Fuel System Information. The piping associated with the tank systems was also removed and the tanks and piping were transported to Texas Tank Destroyal, Venus, Texas, on March 21, March 26, April 1, and May 1, 1996 for disposal. Where piping removal was not possible, the piping was backflushed, plugged, and capped in place. Specific procedures included:

- Safety equipment was placed in easily accessible locations
- Orange fencing, yellow caution tape and 8' lighted barricades were available if required to protect the excavation zones and serve as anti-personnel barriers
- The concrete slab, abandoned gas pumps, and lighting fixtures were removed from on top of tanks as specified
- The tank systems were excavated and the backfill stockpiled separately on plastic
- Free product and/or water was removed from fuel lines and tanks and disposed of properly
- The tank was purged of all flammable vapors and monitored with an LEL/OXY/OVA meter
- The piping was disconnected at each opening on the tanks
- All piping was removed from the excavations, unless abandonment-in-place was necessary
- Soil samples were taken from the excavations and stockpiles by JEG personnel
- Thorough visual inspections were performed following tank removal from excavations
- The tanks and piping were properly disposed by Texas Tank Destroyal
- Selected concrete hold-down pads were removed and transported for disposal offsite
- When potentially contaminated soils were observed through visual, olfactory, or Hnu readings, over-excavation of the tanks walls in two foot (2') increments in each direction, was performed as directed by JEG

Construction activities began on March 19, 1996 and were considered complete on May 15, 1996, commensurate with the removal of safety equipment and barricades.

## VI. SOIL AND GROUNDWATER SAMPLING

JEG performed all soil and/or groundwater sampling utilizing a standard sampling protocol based on the minimum requirements of the State of Texas and supporting guidelines issued by the TNRCC. Soil samples were collected from each tank pit wall, bottom, and stockpile. Dispensers and product lines were removed from over the tanks. Each sample was properly labeled, inventoried and accounted for JEG personnel.

## VII. USE OF FIELD INSTRUMENTS

UST utilized its GASTECH GasTechtor Model 1314SMPN Gas Combustion Indicator (GCI) to provide indication of the Lowest Explosive Level (LEL), Oxygen (OXY) content, and Hydrocarbons in parts per million (PPM). The meter is calibrated prior to each testing. Periodic laboratory calibration is performed using hexane. When required, additional field screening was accomplished by use of a photoionization detector.

## VIII. CONCLUSIONS AND RECOMMENDATIONS

Based upon the findings of this removal and investigation, it is concluded that:

- The underground storage tank systems and associated piping were emptied, purged, removed and disposed of in accordance with accepted industry practices;
- The soil and groundwater sampling program was executed in accordance with the minimum requirements of the TNRCC;
- Any environmental anomaly discovered at a removal site has been adequately documented by JEG; and that
- None of the removal sites included herein pose a threat to human health and/or safety;

Unified Services of Texas, Inc. provides the information contained herein based on field observations and activities conducted during the period of February 23, 1996 through May 15, 1996, as well as from any information provided and deemed to be accurate by the other companies, laboratories, and agencies involved, whether directly or indirectly received. It is UST's

recommendation that closure for each of the six (6) removal sites addressed herein, be requested from the TNRCC.

JEG retained the responsibility for the final disposition of the impacted soils that were stockpiled previously by UST at site 1411. UST presumes that the final disposition of the soil will be promulgated to all concerned parties upon completion of remedial actions. Additionally, it is recommended that this report be included as a permanent part of the petroleum storage tank system records maintained onsite at the AFBCA, Carswell Field, NAS Fort Worth JRB.

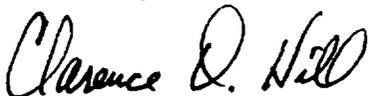
UST appreciates the opportunity to provide underground storage tank removal services to Jacobs Engineering Group, Inc. in support of the Air Force Remedial Action Program and looks forward to the opportunity to again provide assistance in any future requirements. If after reviewing this report you have questions, or if I may be of further assistance, please contact me at (817) 481-9510; facsimile (817) 488-1729.

Respectfully submitted,



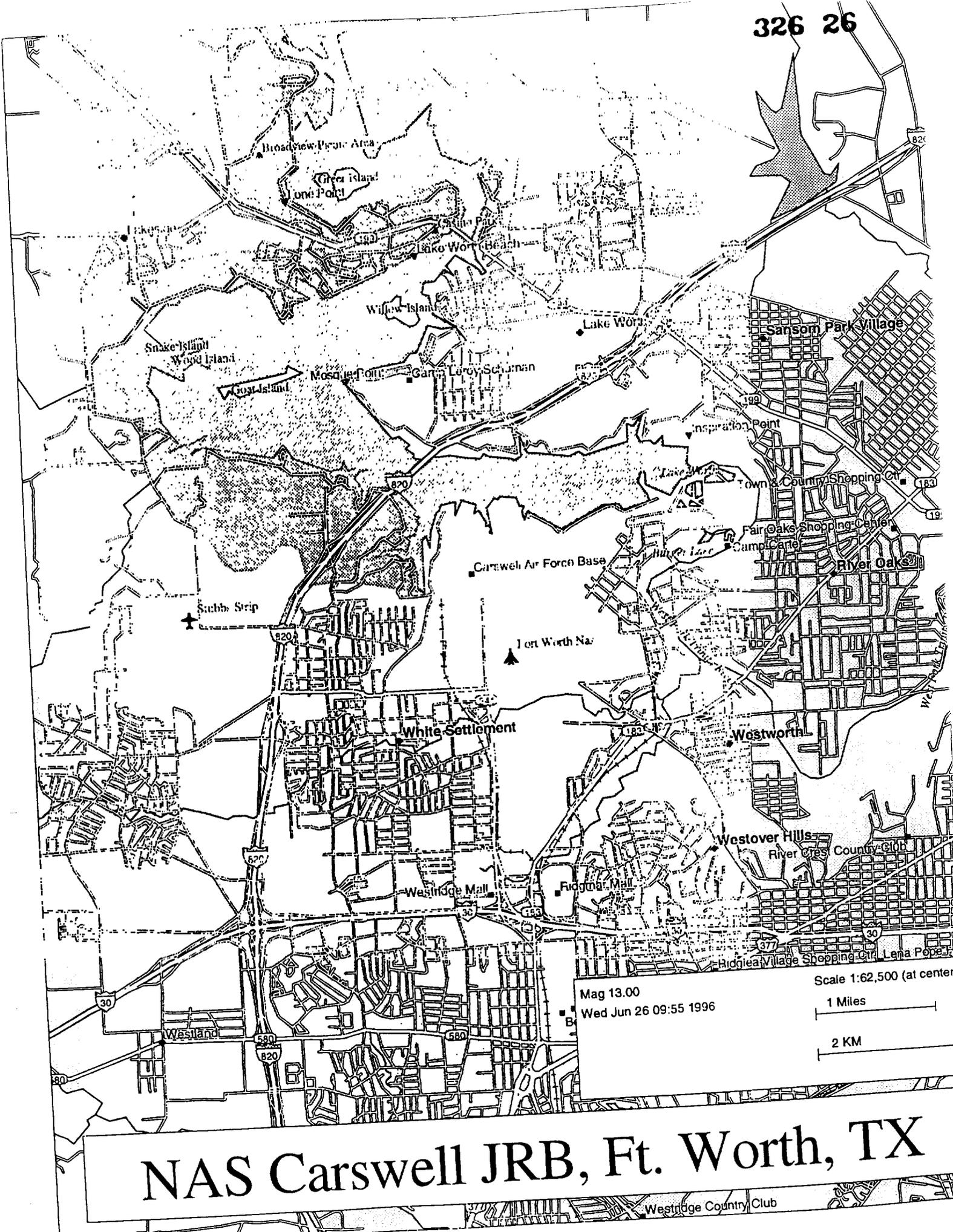
Terri L. Hart  
Environmental Technician

Reviewed by:



Clarence D. Hill  
President

**APPENDIX A**  
**SITE VICINITY MAP**



# NAS Carswell JRB, Ft. Worth, TX

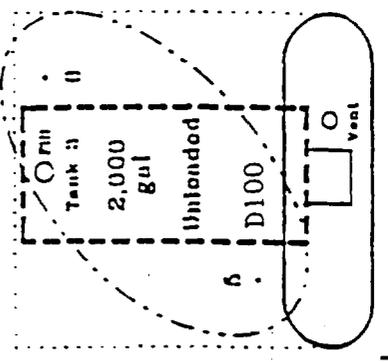
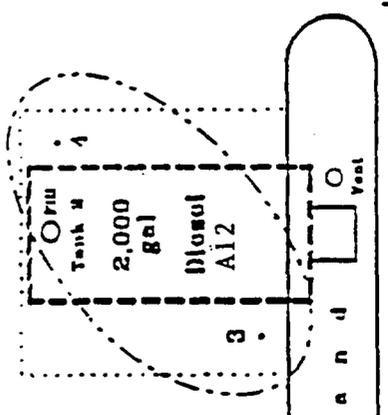
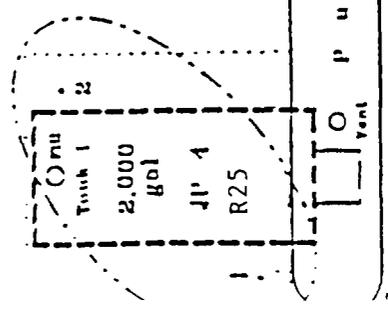
**APPENDIX B**

**SITE PLAN**

96-8538-33. Jan

Tracer Research Cor., Dallas

BLANK  
WIND N. 10-15  
1-15-46



P u m p I s l a n d

60'

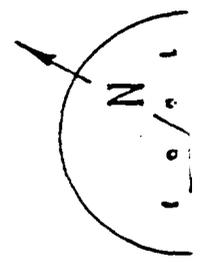
100'

BUILDING 1411

326 28

3-03-010

ACC \ U. S. A. F.  
 CARSWELL AFB  
 FACILITY 1411  
 FORT WORTH, TEXAS

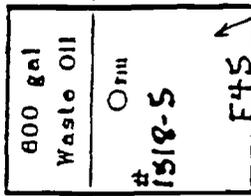


EXPLANATION  
 Sampling Probe Location

# EXPLANATION

- 1 Sampling Probe Location
- Approximate Pipeline Location

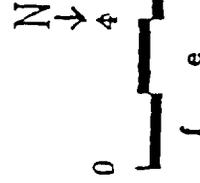
Metal Roof Overhang



1.

2.

ASPHALT



1518

3-01-200-

326 29

SAC \ U.S.A.F.

CARSWELL AFB  
FACILITY 1518B

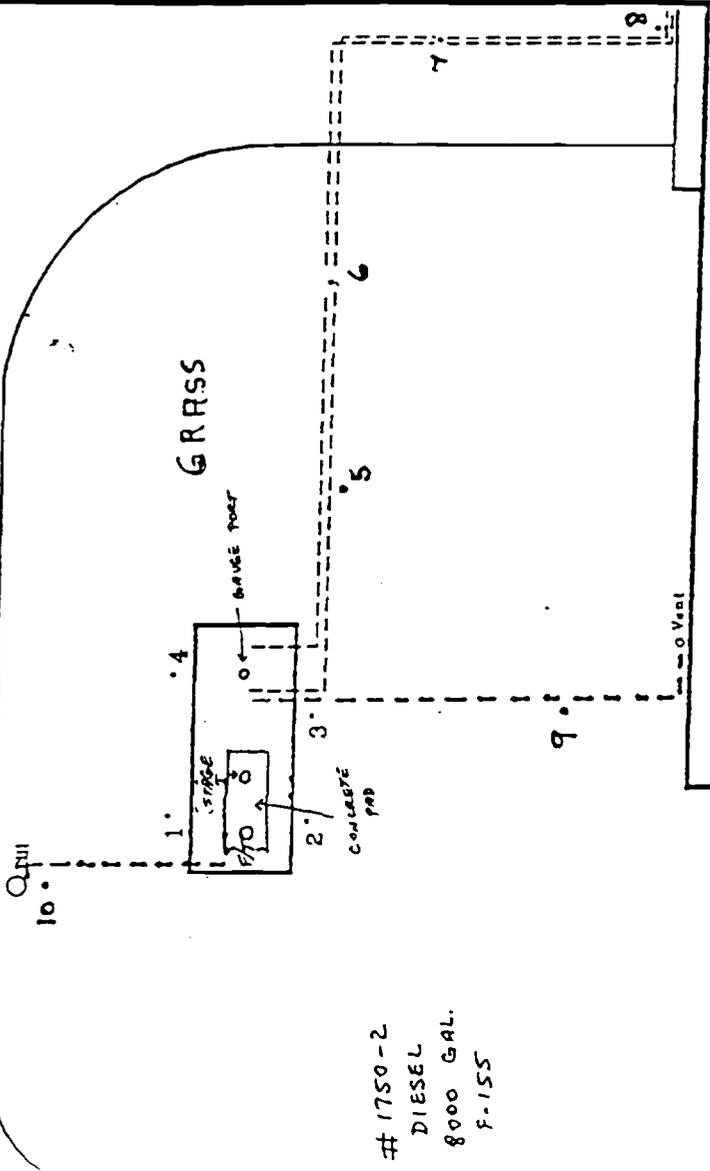
FORT WORTH, TEXAS

SAMPLING LOCATIONS

1750

*2 wells*

DRIVEWAY



# 1750-2  
DIESEL  
8000 GAL.  
F-155

EXPLANATION

- 1 Sampling Probe Location
- Approximate Pipeline Location



N

3-91-30-TS

326 30

BUILDING 1750

SAC \ U.S.A.F.

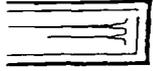
CARSWELL AFB  
FACILITY 1750

FORT WORTH, TEXAS

SAMPLING LOCATIONS

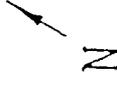
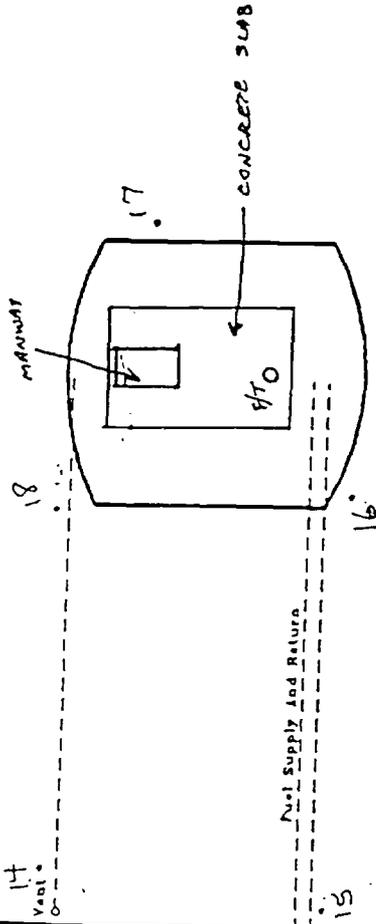
# EXPLANATION

- 1 Sampling Probe Location
- Approximate Pipeline Location



GRASS

# 3001-1  
 FUEL OIL  
 19,000 GAL.  
 F-155



326 30

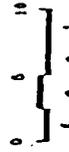
Map 2 of 2

3-91-293-15

SAC \ U. S. A. F.  
 CARSWELL AFB  
 FACILITY 3001  
 FORT WORTH, TEXAS  
 SAMPLING LOCATIONS

EXPLANATION

- 1 Sampling Probe Location
- Approximate Pipeline Location



Map 1 of 2

3-91-200-TS

SAC \ U.S. A. F.  
 CARSWELL AFB  
 FACILITY 3001

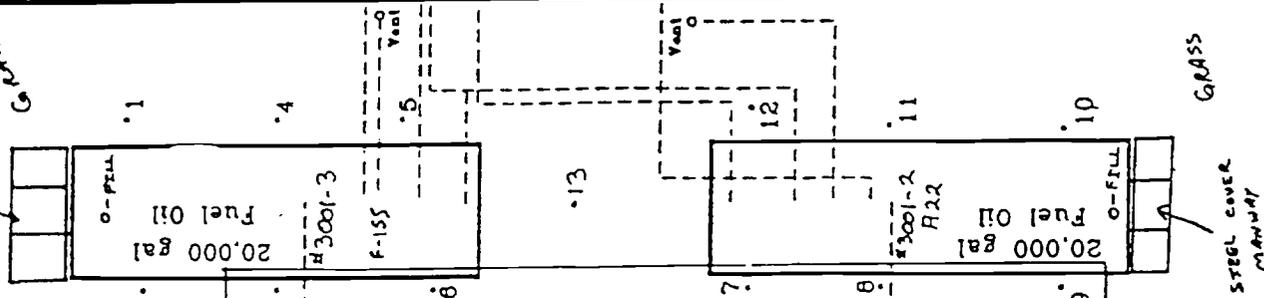
FORT WORTH, TEXAS  
 SAMPLING LOCATIONS

BUILDING 3001

1-33.

GRASS

GRASS

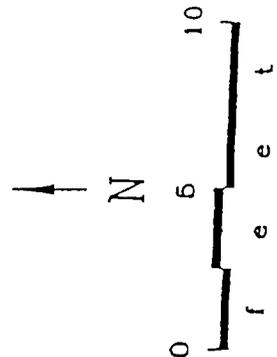
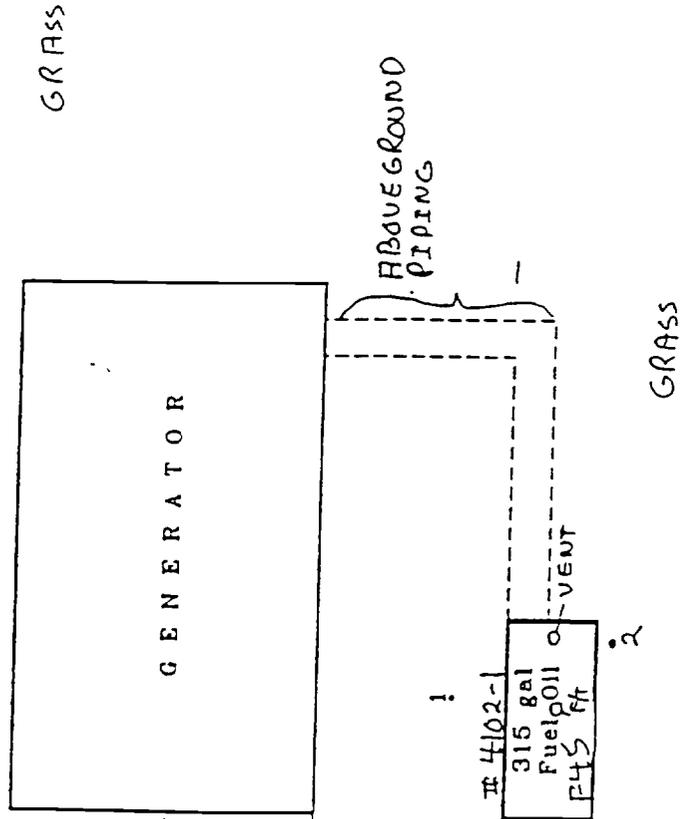


concrete  
 paving  
 lot

STEEL COVER  
 MANDAY

EXPLANATION

- Sampling Probe Location
- Approximate Pipeline Location



3-81-28C

SAC \ U. S. A. F.  
 CARSWELL AFB  
 FACILITY 4102  
 FORT WORTH, TEXAS  
 SAMPLING LOCATIONS

BUILDING 4100

PARKING LOT

4210

326 33

3-91-283-TS

EXPLANATION

· 1 Sampling Probe Location

----- Approximate Pipeline Location

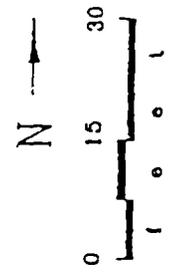
GRAVEL

2,000 gal - Fuel Spillage #4210-5  
 #4210-3  
 8,000 gal JP-10 D143  
 8,000 gal - #4210-2  
 JP-10 FISS  
 8,000 gal - #4210-1  
 JP-10 D143

GRAVEL

GRASS

PAVEMENT



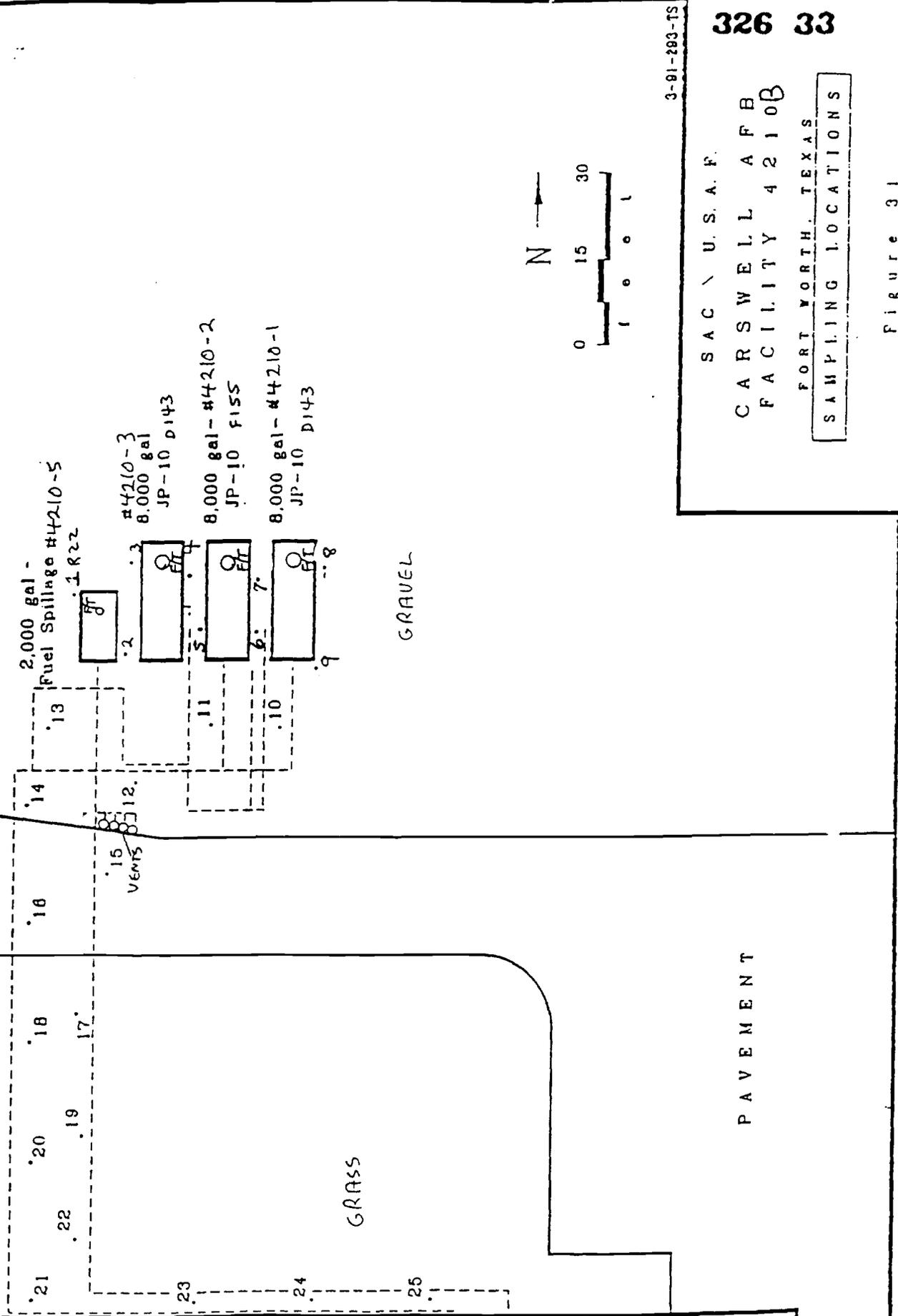
SAC \ U.S.A.F.

CARSWELL AFB  
FACILITY 4210B

FORT WORTH, TEXAS  
SAMPLING LOCATIONS

Figure 31

1-50-33



**APPENDIX C**  
**TNRCC CONSTRUCTION NOTIFICATION**

Texas Natural Resource Conservation Commission  
UNDERGROUND & ABOVEGROUND STORAGE TANK  
CONSTRUCTION NOTIFICATION FORM

- 1.  Underground Storage Tank (UST)  Aboveground Storage Tank (AST)
- 2.  Stage I  Stage II (Vapor Recovery) CARB order # \_\_\_\_\_
- 3. TYPE OF CONSTRUCTION: (Indicate all that apply)
  - Installation  Replacement  Improvement
  - Removal  Abandonment  Other (Specify) \_\_\_\_\_

4. FACILITY LOCATION INFORMATION:

Facility Name Carswell AFB

Address/Location: (No P.O. Box) \_\_\_\_\_  
Bldg. 1255 Carswell AFB

County: Tarrant City: Fort Worth

Facility No.: 0009696

Telephone: (817) 731-8973 Ext. 18

5. OWNER INFORMATION:

Owner: Carswell AFB (Owner ID: 04532)

Representative: Alan Flolo, Engineering

Address: 607 CES/CEV

City/State/Zip: Fort Worth, Texas 76127

Telephone: (817) 731-8973 Ext. 18

6. CONSULTANT INFORMATION:

Company: Unified Services of Texas, Inc.

Representative: Clarence D. Hill

Address: 2110 Greenbriar Drive

City/State/Zip: Southlake, Texas 76092

7. CONTRACTOR INFORMATION:

Company: Unified Services of Texas, Inc.

Representative: Clarence D. Hill

Address: 2110 Greenbriar Drive

City/State/Zip: Southlake, Texas 76092

CRP#: 000970 ILP#: 001549

8. GENERAL DESCRIPTION OF PROPOSED UST/AST ACTIVITY:

Furnish all equipment and materials required to Excavate, Remove,

Transport and Dispose of twelve (12) Underground Storage Tanks.

9. SCHEDULE/DATES FOR PROPOSED CONSTRUCTION:

Construction activities are scheduled

to begin February 23, 1996. Waiver

granted by Lonnie Gilley, Dist. 4

on February 23, 1996.

10. SUBMITTED BY (SIGNATURE)

Clarence D. Hill 2/23/96

Clarence D. Hill, President (date)

Title & Company: \_\_\_\_\_

Unified Services of Texas, Inc.

11. MAIL COMPLETED FORM TO:

Texas Natural Resource Conservation Commission  
Petroleum Storage Tank Division  
P.O. Box 13087  
Austin, Texas 78711-3087

**TNRCC STAFF USE ONLY**

Date Rec'd: \_\_\_\_\_

Region: \_\_\_\_\_

Remarks: \_\_\_\_\_

Tracking No.: \_\_\_\_\_

326 36

Texas Natural Resource Conservation Commission  
UNDERGROUND & ABOVEGROUND STORAGE TANK  
CONSTRUCTION NOTIFICATION FORM

- 1.  Underground Storage Tank (UST)  Aboveground Storage Tank (AST)
- 2.  Stage I  Stage II (Vapor Recovery) CARB order # \_\_\_\_\_
- 3. TYPE OF CONSTRUCTION: (Indicate all that apply)
  - Installation  Replacement  Improvement
  - Removal  Abandonment  Other (Specify) \_\_\_\_\_

4. FACILITY LOCATION INFORMATION:

Facility Name NAS Fort Worth JRB

Address/Location: (No P.O. Box) Multiple locations  
on Subject Facility

County: Tarrant City: Fort Worth

Facility No.: 0009696

Telephone: (817) 731-8973 Ext. 18

5. OWNER INFORMATION:

Owner: Carswell AFB/AFBCA

Representative: Alan Flolo, Engineering  
Address: 6550 White Settlement Road  
City/State/Zip: Fort Worth, TX 76114-3520

Telephone: (817) 731-8973-Ext. 18

6. CONSULTANT INFORMATION:

Company: Unified Services of Texas, Inc.

Representative: Clarence D. Hill

Address: 2110 Greenbriar Drive

City/State/Zip: Southlake, Texas 76092

7. CONTRACTOR INFORMATION:

Company: Unified Services of Texas, Inc.

Representative: Clarence D. Hill

Address: 2110 Greenbriar Drive

City/State/Zip: Southlake, Texas 76092

CRP#: 000970 ILP#: 001549

8. GENERAL DESCRIPTION OF PROPOSED UST/AST ACTIVITY:

This is to revise facility location and owner information only.

Furnish all equipment and materials required to Excavate, Remove,  
Transport and Dispose of twelve (12) underground storage tanks.

9. SCHEDULE/DATES FOR PROPOSED CONSTRUCTION:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

10. SUBMITTED BY (SIGNATURE) Clarence D. Hill 3/14/96

Clarence D. Hill, President (date)

Title & Company: Unified Services of Texas, Inc.

11. MAIL COMPLETED FORM TO:

Texas Natural Resource Conservation Commission  
Petroleum Storage Tank Division  
P.O. Box 13087  
Austin, Texas 78711-3087

**TNRCC STAFF USE ONLY**

Date Rec'd: \_\_\_\_\_

Region: \_\_\_\_\_

Remarks: \_\_\_\_\_

Tracking No.: \_\_\_\_\_

**APPENDIX D**  
**PERMITS & INSPECTIONS**

APPLICATION FOR PERMIT

TYPE PERMIT SEE BELOW PERMIT NO. M11-0100-96  
AMOUNT 425.00 DOLLARS RECEIPT NO. 01414 DATE 3/22/56

To: Chief of the Fire Department, Fort Worth, Texas:

Application is hereby made by the undersigned for a Permit to

Use  
Install  
Operate  
Conduct

in or on the premises known as Naval Base Street or Avenue.

BUSINESS NAME: Naval Base / U.S.T.

Describe briefly what type of business or operation will be conducted and if hazardous materials are to be used list each one.

1411-1 4102-1  
1518-5 4210-1  
1750-2 3001-2 } TANK REMOVAL  
@ 25.00 each

1015-1 4141-1  
3000-1 4143-1  
4111-1 4145-1  
4127-1 4155-1  
4136-1 4171-1  
4216-1 } System Upgrade  
@ 25.00 each

Conditions, surroundings and arrangements to be in accordance with the Fire Prevention Ordinance.

UNIFIED SERVICES OF TEXAS, INC  
Name of Applicant

2110 OZZARD AVE, SOUTH  
Address of Applicant

Complete plans and construction details must be filed on all major projects and requested by the Chief of the Fire Department.

(OVER)

FORT WORTH FIRE DEPARTMENT

F.D. 832  
06-01-91

FIRE PREVENTION BUREAU  
FLAMMABLE LIQUIDS/STORAGE TANK SYSTEM INSTALLATION/REPAIRS/REMOVAL  
INSPECTOR'S REPORT

326 39

LOCATION: 1 CARSWELL NAVAL AIR STATION  
BURKE AVE. BLDG BUILD 1430 SITE  
OWNER: \_\_\_\_\_ LEASEE: BUILDING 1411 PERMIT/INCIDENT NO. M-11-0100-96  
ADDRESS: \_\_\_\_\_ ADDRESS: \_\_\_\_\_ RECEIPT NO. 01414  
TELEPHONE NO. \_\_\_\_\_ TELEPHONE NO. \_\_\_\_\_ DATE: 03-22-96

TANK: REMOVAL  REMOVED TO: REPAIR/SERVICE CONTRACTOR: SUBCONTRACTOR  
NAME: TEXAS TANK RESTORATION NAME: LIMITED SERVICE CONTRACTOR  
ADDRESS: P.O. Box 762 - CR 2134 1807 ADDRESS: 7110 GREENBARK RD  
VENUS TEXAS 76084 SOUTH LAKE TX. 76082  
TELEPHONE NO. 800-782-6350 TELEPHONE NO. 817-481-2510  
REGISTRATION NO.-STATE: CR 000970  
REGISTRATION NO.-CITY: 01275409

INSTALL  FLAMMABLE LIQUID  LPG/LG  LPG/LG   
REPAIR  TANK  LINE   
LEAK TEST  TANK  LINE   
TANK CONSTRUCTION: FIBERGLASS  METAL  COMPOSITE   
STRAPPED  ANCHORED  SECONDARY CONTAINMENT   
TANKS: PROPER DISTANCE FROM BUILDING & PROPERTY LINE - YES   
LOCATION ON PROPERTY \_\_\_\_\_  
SUPERVISOR: MAN HILL KEITH KEMP  
T.V.C. LICENSE NUMBER ILP001549 ILP00194  
#1 CAPACITY: 2000 U.L.# D-314939  
#2 CAPACITY: 2000 U.L.# D-314939  
#3 CAPACITY: 2000 U.L.# D-314936  
CAPACITY: \_\_\_\_\_ U.L.# \_\_\_\_\_  
CAPACITY: \_\_\_\_\_ U.L.# \_\_\_\_\_

VIOLATIONS NOTED/CITATION ISSUED/REMARKS:  
BACK FILL: ACCEPTABLE  MANIFOLD/SEPARATION VALVE - YES   
CATHODIC PROTECTION - YES  TESTED BY: \_\_\_\_\_  
LEAK DETECTION - YES  PRODUCT LINES  TANKS   
HYDROSTATIC TEST INFORMATION: \_\_\_\_\_  
TANK REMOVED FOLLOWING API 1609 RECOMMENDATIONS  
TANKS PUMPS AND RINSED BY MOBLEY ENVIR. SERVICE CO.

MONITOR WELLS: YES  NUMBER:  SIZE   
PROPER DEPTH - YES   
PIPING AND FITTINGS: FIBERGLASS LINES WITH METAL FLEX LINES   
METAL WRAPPED AND COATED LINES WITH FLEX LINES   
VENT LINES: FIBERGLASS  METAL   
FLEX LINES  SWING JOINTS   
PUMPS: ISLAND  REMOTE  KILL SWITCH - YES   
VAPOR RECOVERY: DROP TUBE  PHASE ONE  OTHER   
WAS LEAK/SPILL INVOLVED? YES  NO   
LEL READINGS - 01.0% #208 3.0%  
O2 READINGS - #1-20.7 #2-20.7 #3-20.7  
VENT LINES REMOVED 03-26-96

TANK BUNDLES: \_\_\_\_\_  
TANKS LABELED:   
TANK MANIFEST FILED:  03-26-96  
LAST CONSULTANT: JE. REMEDIATION TECHNOLOGIES  
PO-BOX 52667-HOUSTON TX. 77001 PH-737-7337  
LAB USED: CERTES LABS; DALLAS, TX  
THREE REP: LONNIE SILLEY - NOT ON SITE 3-26  
NUMBER OF INTERIM INSPECTIONS: \_\_\_\_\_  
FINAL INSPECTION DATE: 03-26-96

FORT WORTH FIRE DEPARTMENT

326 40

F.D. 832  
06-01-91

FIRE PREVENTION BUREAU  
FLAMMABLE LIQUIDS/STORAGE TANK SYSTEM INSTALLATION/REPAIRS/REMOVAL  
INSPECTOR'S REPORT

CARSWELL AFB

LOCATION: DAVISON RA PERMIT/INCIDENT NO. H-11-0100-96  
OWNER: \_\_\_\_\_ LEASEE: SITE 151P RECEIPT NO. 01414  
ADDRESS: \_\_\_\_\_ ADDRESS: \_\_\_\_\_ DATE: 03/22/96  
TELEPHONE NO. \_\_\_\_\_ TELEPHONE NO. \_\_\_\_\_

TANK: REMOVAL  REMOVED TO:  
NAME: TEXAS TANK DESTROYAL REPAIR/SERVICE CONTRACTOR: SUBCONTRACTOR  
NAME: UNIFIED SERVICES OF TX, INC  
ADDRESS: P.O. Box 367 - CR 213 + 1P07 ADDRESS: 2110 GREENBRAIR DR  
VENUS, TX 76084 SOUTH LAKE TX. 76092  
TELEPHONE NO. 1-800-782-6350 TELEPHONE NO. 817-481-9510  
REGISTRATION NO.-STATE: CRP000970  
REGISTRATION NO.-CITY: 01835459

INSTALL  FLAMMABLE LIQUID  LPG/AG  LPG/UG  SUPERVISOR: DAN HILL  
REPAIR  TANK  LINE  T.W.C. LICENSE NUMBER JLP001549  
LEAK TEST  TANK  LINE  CAPACITY: 600 U.L.# NONE  
TANK CONSTRUCTION: FIBERGLASS  METAL  COMPOSITE  CAPACITY: \_\_\_\_\_ U.L.# \_\_\_\_\_  
STRAPPED  ANCHORED  SECONDARY CONTAINMENT  CAPACITY: \_\_\_\_\_ U.L.# \_\_\_\_\_  
TANKS: PROPER DISTANCE FROM BUILDING & PROPERTY LINE - YES  CAPACITY: \_\_\_\_\_ U.L.# \_\_\_\_\_  
LOCATION ON PROPERTY \_\_\_\_\_ CAPACITY: \_\_\_\_\_ U.L.# \_\_\_\_\_

BACK FILL: ACCEPTABLE  MANIFOLD/SEPARATION VALVE - YES  VIOLATIONS NOTED/CITATION ISSUED/REMARKS:  
CATHODIC PROTECTION - YES  TESTED BY: \_\_\_\_\_ TANK REMOVED FOLLOWING API 1604 RECOMMENDATION  
LEAK DETECTION - YES  PRODUCT LINES  TANKS  TANK WAS PUMPED AND RINSED  
BY MOBLEY

HYDROSTATIC TEST INFORMATION: \_\_\_\_\_  
MONITOR WELLS: YES  NUMBER:  SIZE  W.L. READINGS - 91-4%  
O2 READINGS #1-20.2%  
VENT LINES REMOVED: V

PROPER DEPTH - YES  TANK BUNDMANES CAPPED: V  
PIPING AND FITTINGS: FIBERGLASS LINES WITH METAL FLEX LINES  TANK LABELLED: V  
METAL WRAPPED AND COATED LINES WITH FLEX LINES  TANK MANIFEST FILED: V 03-21-96 ON 1-603904

VENT LINES: FIBERGLASS  METAL  LAST CONSULTANTS: J.E. REMEDIATION TECHNOLOG  
HOUSTON, TX. 77081  
LAB USED: CENTES LABS - DALLAS, TX

FLEX LINES  SWING JOINTS  TURCC REP: LONNIE GILLEY NOT ON SITE  
03-21-96

PUMPS: ISLAND  REMOTE  KILL SWITCH - YES  NUMBER OF INTERIM INSPECTIONS: \_\_\_\_\_  
VAPOR RECOVERY: DROP TUBE  PHASE ONE  OTHER  FINAL INSPECTION DATE: 03-26-96  
WAS LEAK/SPILL INVOLVED? YES  NO

FORT WORTH FIRE DEPARTMENT

F.D. 832

06-01-91

FIRE PREVENTION BUREAU  
FLAMMABLE LIQUIDS/STORAGE TANK SYSTEM INSTALLATION/REPAIR/REMOVAL  
INSPECTOR'S REPORT

326 411

LOCATION: 10 CARSWELL NIVAL AIR STATION  
6561 WHITE SETTLEMENT RD.  
OWNER: \_\_\_\_\_ LEASEE: BUILDING 4102  
ADDRESS: \_\_\_\_\_ ADDRESS: \_\_\_\_\_ DATE: 03-22-96  
TELEPHONE NO. \_\_\_\_\_ TELEPHONE NO. \_\_\_\_\_

TANK: REMOVAL  REMOVED TO:  
NAME: TEXAS TANK DESTROYAL  
ADDRESS: P.O. BOX 367 CR 213 + 1P07  
VENUS, TX. 76084  
TELEPHONE NO. 800-782-6350  
REPAIR/SERVICE CONTRACTOR: SUBCONTRACTOR  
NAME: UNIFIED SERVICES OF TX, INC  
ADDRESS: 2110 BRELENBROOK DR.  
SOUTH LAKE TX 76082  
TELEPHONE NO. 817-481-9510  
REGISTRATION NO.-STATE: CA P000970  
REGISTRATION NO.-CITY: 01P35459

INSTALL  FLAMMABLE LIQUID  LPG/LG  LPG/UG   
REPAIR  TANK  LINE   
LEAK TEST  TANK  LINE   
TANK CONSTRUCTION: FIBERGLASS  METAL  COMPOSITE   
STRAPPED  ANCHORED  SECONDARY CONTAINMENT   
TANKS: PROPER DISTANCE FROM BUILDING & PROPERTY LINE - YES   
LOCATION ON PROPERTY \_\_\_\_\_  
SUPERVISOR: DAN HILL KEITH KEMP  
T.W.C. LICENSE NUMBER ILP001549 ILP001840  
#1 CAPACITY: 385' 300 U.L.# J017553  
CAPACITY: \_\_\_\_\_ U.L.# \_\_\_\_\_  
CAPACITY: \_\_\_\_\_ U.L.# \_\_\_\_\_  
CAPACITY: \_\_\_\_\_ U.L.# \_\_\_\_\_

VIOLATIONS NOTED/CITATION ISSUED/REMARKS:  
BACK FILL: ACCEPTABLE  MANIFOLD/SEPARATION VALVE - YES   
CATHODIC PROTECTION - YES  TESTED BY: \_\_\_\_\_  
LEAK DETECTION - YES  PRODUCT LINES  TANKS   
HYDROSTATIC TEST INFORMATION: \_\_\_\_\_  
MONITOR WELLS: YES  NUMBER:  SIZE   
PROPER DEPTH - YES   
PIPING AND FITTINGS: FIBERGLASS LINES WITH METAL FLEX LINES   
METAL WRAPPED AND COATED LINES WITH FLEX LINES   
VENT LINES: FIBERGLASS  METAL   
FLEX LINES  SWING JOINTS   
PUMPS: ISLAND  REMOTE  KILL SWITCH - YES   
VAPOR RECOVERY: DROP TUBE  PHASE ONE  OTHER   
WAS LEAK/SPILL INVOLVED? YES  NO   
TANK REMOVED FOLLOWING API 1604 RECOMMENDATION  
TANK PUMPED AND RINSED BY MOBLEY ENVIRONMENTAL SERVICE  
LEAK READINGS: #1 - 0%  
O<sub>2</sub> READINGS: #1 - 20.4%  
VENT LINES REMOVED ✓  
TANK SUN'S HOLES CAPPED ✓  
TANK LABELLED ✓  
TANK MANIFEST FILED: ✓ 03-26-96  
LIST CONSULTANT: J.E. REMEDIATION TECHNOLOGIES  
P.O. BOX 52667 - HOUSTON, TX. 77001 PH - 737-723  
LAB USER: CERTE'S LABS; DALLAS, TX.  
TANKCER: LONNIE GILLEY, NOT ON SITE 3-26-96  
NUMBER OF INTERIM INSPECTIONS: \_\_\_\_\_  
FINAL INSPECTION DATE: 03-26-96  
+ 110 Rinsed

NORTH of Hanger 1410

019 GAO - 1A2

DIGGING PERMIT

60 P 1411 HALLS 21

[ ] ROICC INITIATED [ ] PW INITIATED CONTRACT [ ] PW INITIATED CONTRACT

THIS FORM MUST BE APPROVED AT LEAST TEN (10) DAYS PRIOR TO DIGGING

OWNER'S NAME: Clifford Services of Texas Beeper: 425-9823

TRACT NO (IF APPLICABLE): REMOVAL OF OIL/GAS TANK CARSWELL F

request permission to dig in location(s) shown on the attached sketch. This area shall be field marked by the requester before the digging permit is submitted.

INTERSECT AARULI

Alan C. Floto  
Contractor's Representative

AFBCA  
Title

14 Mar 96  
Date

ENCLOSURES/DRAWINGS PROVIDED (X)

- |                            |     |                                     |     |
|----------------------------|-----|-------------------------------------|-----|
| (1) SEWER LINE             | (X) | (6) CATHODIC PROTECTION BEDS        | (X) |
| (2) GAS LINE               | (X) | (7) LAWN SPRINKLER SYSTEM           | ( ) |
| (3) WATER LINE             | (X) | (8) TELEPHONE LINES - COMM. OR MIL. | (X) |
| (4) STORM LINE             | ( ) | (9) WEATHERVISION CABLE             | ( ) |
| (5) UNDERGROUND ELECTRICAL | (X) | (10) OTHER (FUEL ETC.)              | (X) |

Enclosures, as indicated, are provided for the above listed location only. For other locations new permits are required.

As shown on the drawing(s), underground utilities are in the area and extreme care shall be used while digging or excavating. The drawings do not show exact locations and are to be used as guides only. When in doubt hand digging will be used. For more information have your Government Contractor Representative call Public Works Maintenance (MCD) at 6380.

Digging hours are between 8:00 AM and 4:00 PM Monday thru Friday. No digging will be permitted outside these hours or on Federal Holidays, except as approved in advance.

If any utilities are damaged call MCD at 6380 immediately. In case of natural gas or fuel line damage also call the Dept. at 6330. After 4:00 PM call the OOD (Officer on Duty) Beeper No. (817) 493-7836, Base. Ext. 7151, Carswell Inn, Rooms 131 and 132 and have them contact QUEBEC 8.

Any utilities found that are not on drawings shall be marked on the drawing and returned to the Public Works Engineering Branch.

(917) 737-7237  
John McManus

ROICC Construction Rep. or  
PW Contract Surv. Rep. or  
PW Maint. Craftsman/Seabee

Jacobs  
Date

ROUTING LIST

EX 6377

3. Daniel Bermudez 15 Mar 96  
Engineer Tech. Date

4. R. Williams (Seabee) 15 MAR 96  
301st Communication Date

5. CLIFF 960 780 083 18 MAR 96  
SW Bell Date

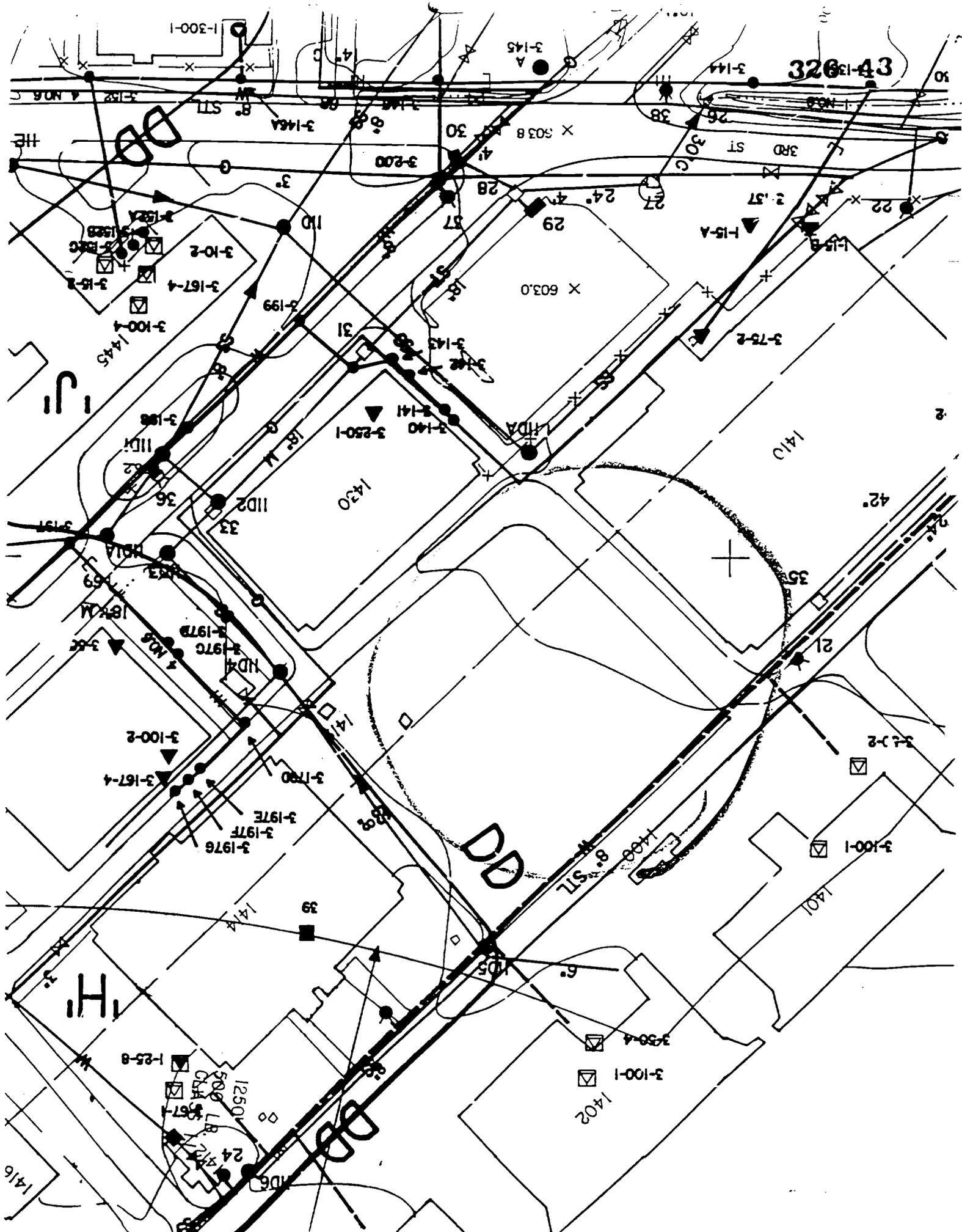
6. Gordon C. Miller 15 Mar 96  
Supervisory Engineer Date

ROICC Project Manager or  
PW Contract Surv. Supv. or  
PW Maint. Foreman/Seabee Supv.

APPROVED DISAPPROVED

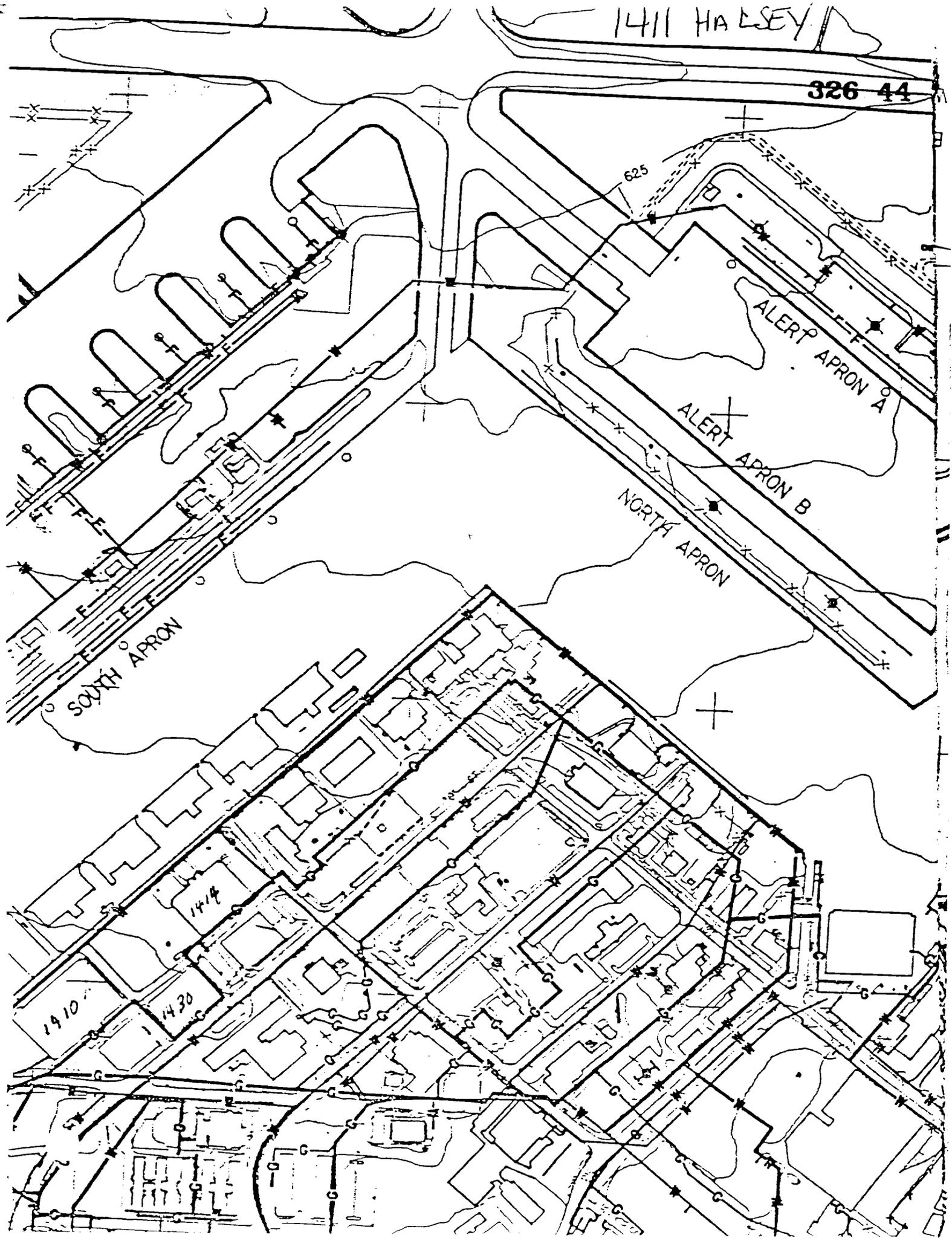
Gay W. Davis 3-19-96  
SM&P CABLE LOCATOR date

7. [Signature] 14 MAR 96  
Work Control Asst. (For Distribution) Date



1411 HALSEY

326 44



CORNER of DAVIDSON DRIVE MILITARY PARKWAY

DIGGING PERMIT

1519

[ ] ROICC INITIATED [ ] PW INITIATED CONTRACT [ ] PW INITIATED IN HOUSE

THIS FORM MUST BE APPROVED AT LEAST TEN (10) DAYS PRIOR TO DIGGING

326 45

OWNER'S NAME: United Services of Texas beeper 425-9823

CONTRACT NO (IF APPLICABLE): Removal of oil tank

request permission to dig in location(s) shown on the attached sketch. This area shall be field marked by the requester before the digging permit is submitted.

1518 DAVIDSON DRIVE

NAS JFAR, 14 Dec 96

Alanna Floto

A-FBCA

Contractor's Representative

Title

Date

INTERSECTS MILITARY PARKWAY, CARSWELL FLD T. ENCLOSURES/DRAWINGS PROVIDED (X)

- (1) SEWER LINE (X) (2) GAS LINE (X) (3) WATER LINE (X) (4) STORM LINE ( ) (5) UNDERGROUND ELECTRICAL (X) (6) CATHODIC PROTECTION BEDS (X) (7) LAWN SPRINKLER SYSTEM ( ) (8) TELEPHONE LINES - COMM. OR MIL. (X) (9) WEATHERVISION CABLE ( ) (10) OTHER (FUEL ETC.) (X)

Enclosures, as indicated, are provided for the above listed location only. For other locations new permits are required.

As shown on the drawing(s), underground utilities are in the area and extreme care shall be used while digging or excavating. The drawings do not show exact locations and are to be used as guides only. When in doubt hand digging will be used. For more information have your Government Contractor Representative call Public Works Maintenance (MCD) at 6380.

Digging hours are between 8:00 AM and 4:00 PM Monday thru Friday. No digging will be permitted outside these hours or on Federal Holidays, except as approved in advance.

If any utilities are damaged call MCD at 6380 immediately. In case of natural gas or fuel line damage also call the Fire Dept. at 6330. After 4:00 PM call the OOD (Officer on Duty) Beeper No. (817) 493-7836, Base. Ext. 7151, Carswell Inn, Rooms 131 and 132 and have them contact QUEBEC 8.

Any utilities found that are not on drawings shall be marked on the drawing and returned to the Public Works Engineering Branch.

(817) 737-7237 John McManus

ROUTING LIST

Jacobs

- 3. Daniel Bernum 15 Mar 96 Engineer Tech.
4. Rob Williams 15 Mar 96 301st Communication
5. CLIFFE: 960 780 073 18 Mar 96 SW Bell
6. Jordan C. Miller 15 Mar 96 Supervisory Engineer

ROICC Construction Rep. or PW Contract Surv. Rep. or PW Maint. Craftsman/Seabee

Date

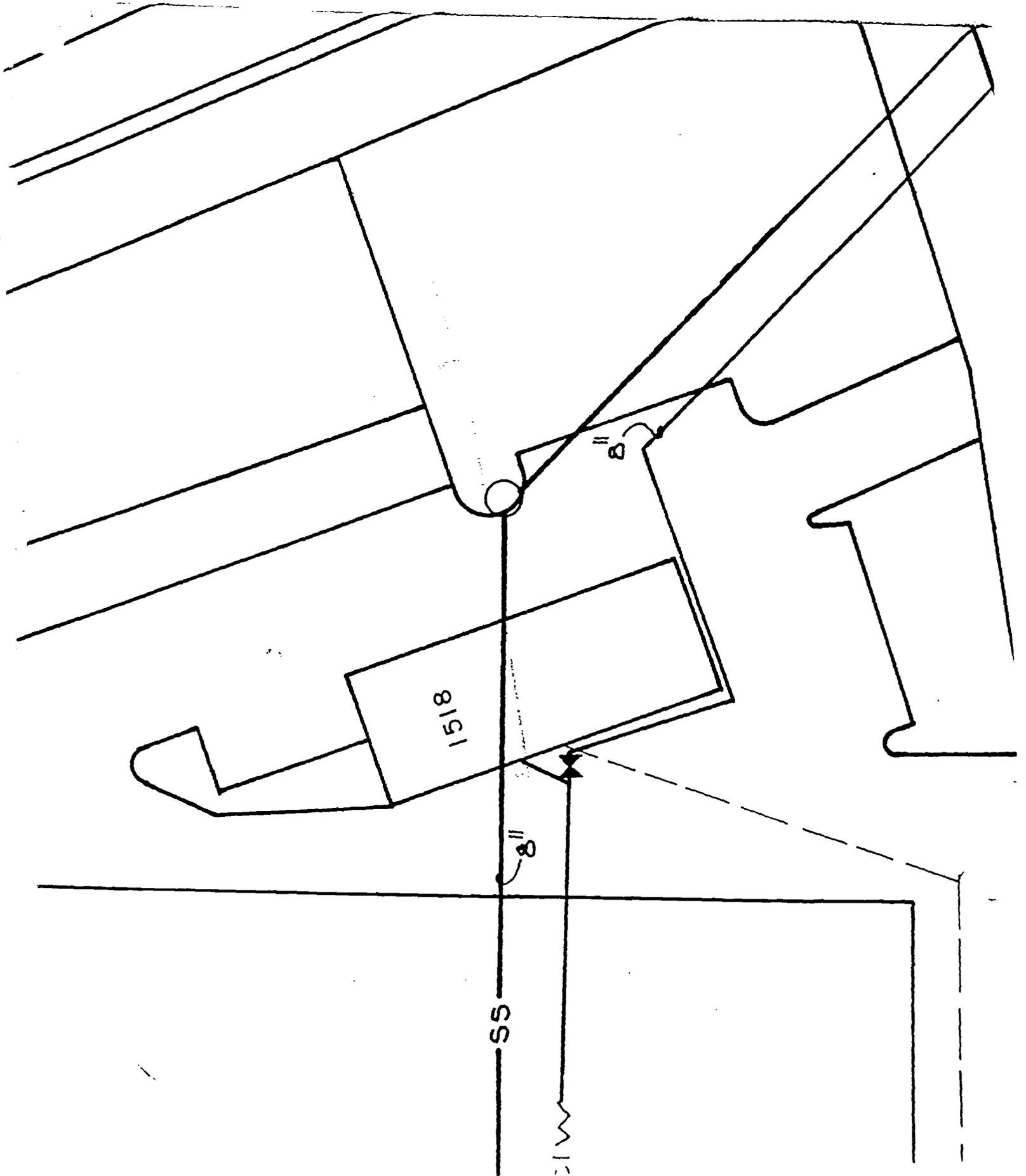
ROICC Project Manager or PW Contract Surv. Supv. or PW Maint. Foreman/Seabee Supv.

Date

APPROVED DISAPPROVED

Mary W. Davis 3-19-96 S.M.P. CABLE LOCATOR date

Work Control Asst. (For Distribution) Date





# EISEN HOWER AVENUE

## DIGGING PERMIT

1750  
02648

[ ] ROICC INITIATED [ ] PW INITIATED CONTRACT [ ] PW INITIATED HOUSE  
THIS FORM MUST BE APPROVED AT LEAST TEN (10) DAYS PRIOR TO DIGGING

CONTRACTOR'S NAME: Continental Service of Texas Beeper 425-9823

CONTRACT NO (IF APPLICABLE): REPAIR OF ALL GAS TANK

Request permission to dig in location(s) shown on the attached sketch. This area shall be field marked by the requester before the digging permit is submitted.

INTER SECTS  
Plan with flow and drawings attached 1750 EISEN HOWER AV  
NAS JRB 10-96

Contractor's Representative AVE Title CARSWELL Date FLD TX  
(817) 731-8973 x18

### ENCLOSURES/DRAWINGS PROVIDED (X)

- |                            |     |                                     |     |
|----------------------------|-----|-------------------------------------|-----|
| (1) SEWER LINE             | (X) | (6) CATHODIC PROTECTION BEDS        | (X) |
| (2) GAS LINE               | (X) | (7) LAWN SPRINKLER SYSTEM           | ( ) |
| (3) WATER LINE             | (X) | (8) TELEPHONE LINES - COMM. OR MIL. | (X) |
| (4) STORM LINE             | ( ) | (9) WEATHERVISION CABLE             | ( ) |
| (5) UNDERGROUND ELECTRICAL | (X) | (10) OTHER (FUEL ETC.)              | (X) |

- Enclosures, as indicated, are provided for the above listed location only. For other locations new permits are required.
- As shown on the drawing(s), underground utilities are in the area and extreme care shall be used while digging or excavating. The drawings do not show exact locations and are to be used as guides only. When in doubt hand digging will be used. For more information have your Government Contractor Representative call Public Works Maintenance (MCD) at 6380.
- Digging hours are between 8:00 AM and 4:00 PM Monday thru Friday. No digging will be permitted outside these hours or on Federal Holidays, except as approved in advance.
- If any utilities are damaged call MCD at 6380 immediately. In case of natural gas or fuel line damage also call the Fire Dept. at 6330. After 4:00 PM call the OOD (Officer on Duty) Beeper No. (817) 493-7836, Base. Ext. 7151, Carswell Inn, Rooms 131 and 132 and have them contact QUEBEC 8.

Any utilities found that are not on drawings shall be marked on the drawing and returned to the Public Works Engineering Branch.

(817) 737-7237

EX 6377

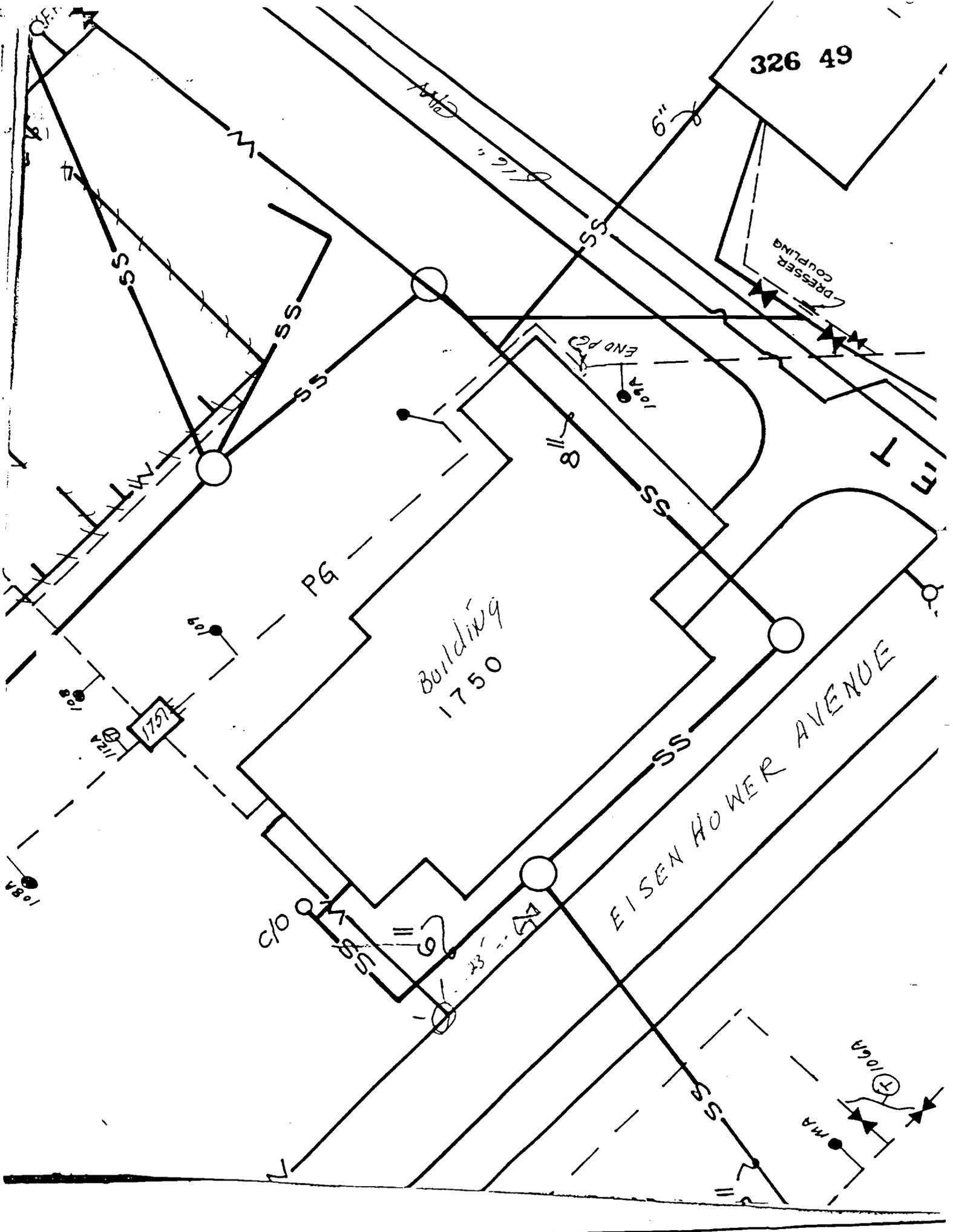
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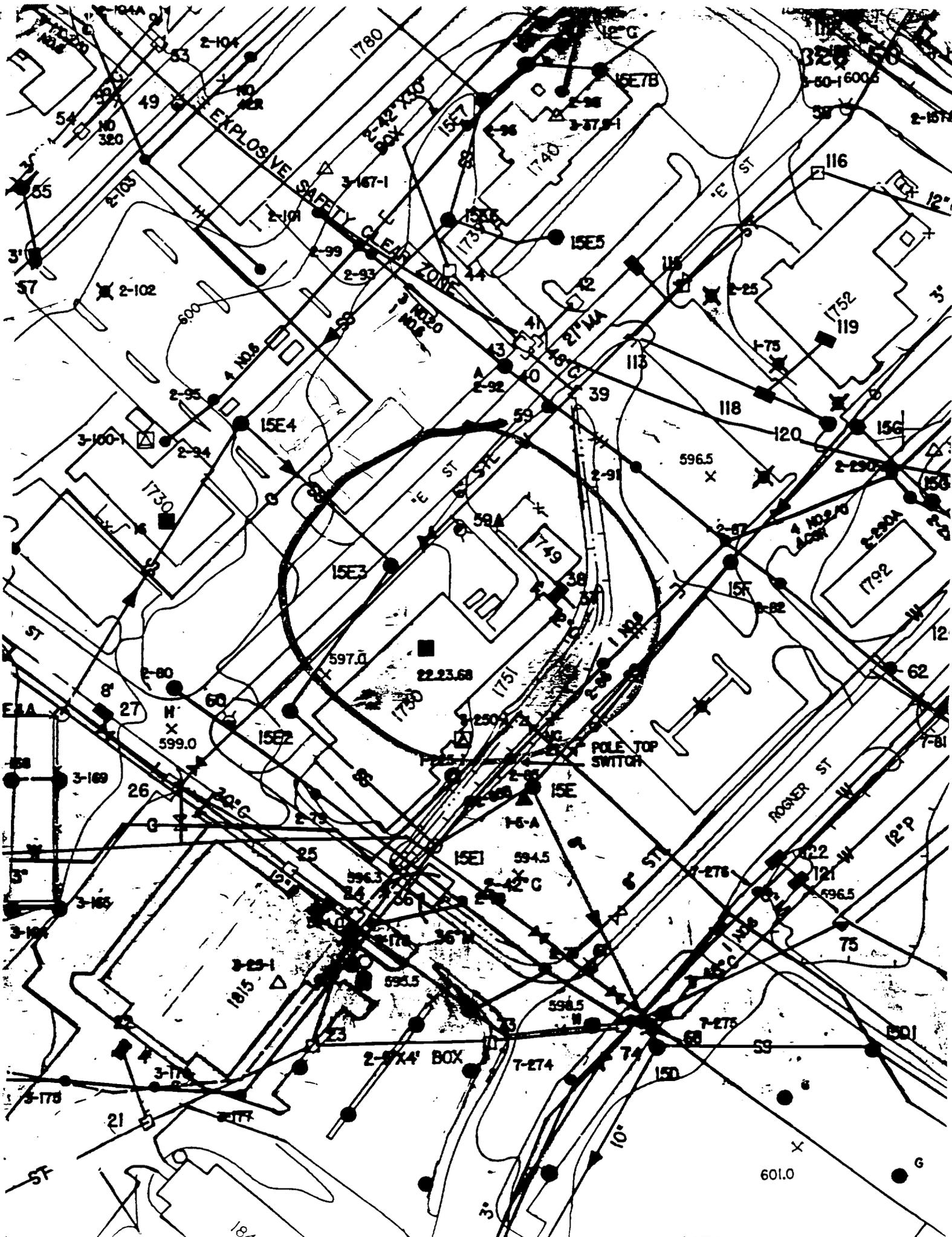
- |  |   |
|--|---|
| 1. <u>John McManus</u> <u>Jacob's</u><br>ROICC Construction Rep. or<br>PW Contract Surv. Rep. or<br>PW Maint. Craftsman/Seabee<br>Date | 3. <u>Daniel Bermudez</u> <u>15 Mar 96</u><br>Engineer Tech.<br>Date          |
| 2. _____<br>ROICC Project Manager or<br>PW Contract Surv. Supv. or<br>PW Maint. Foreman/Seabee Supv.<br>Date                           | 4. <u>Robt Williams</u> <u>15 Mar 96</u><br>301st Communication<br>Date       |
|  | 5. <u>PAUL CLIFF: 960 780060</u> <u>18 Mar 96</u><br>SW Bell<br>Date          |
|  | 6. <u>X Jordan C. Miller</u> <u>15 Mar 96</u><br>Supervisory Engineer<br>Date |

APPROVED DISAPPROVED

Mary W. Davis 3-19-96  
SM DP CABLE LOCATOR DATE

7. [Signature] 14 Mar 96  
Work Control Asst. (For Distribution) Date

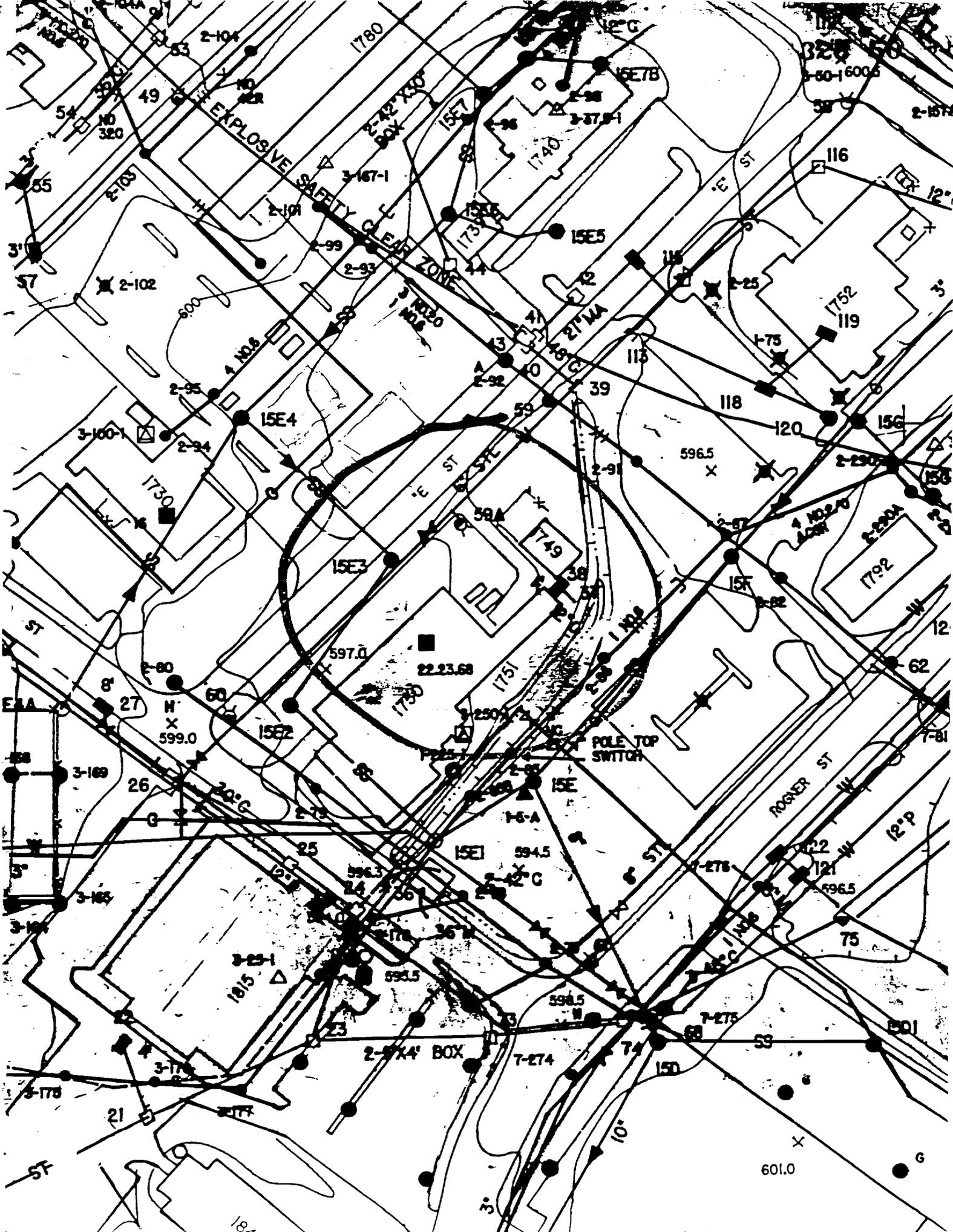




EXPLOSIVE SAFETY ZONE

POLE TOP SWITCH

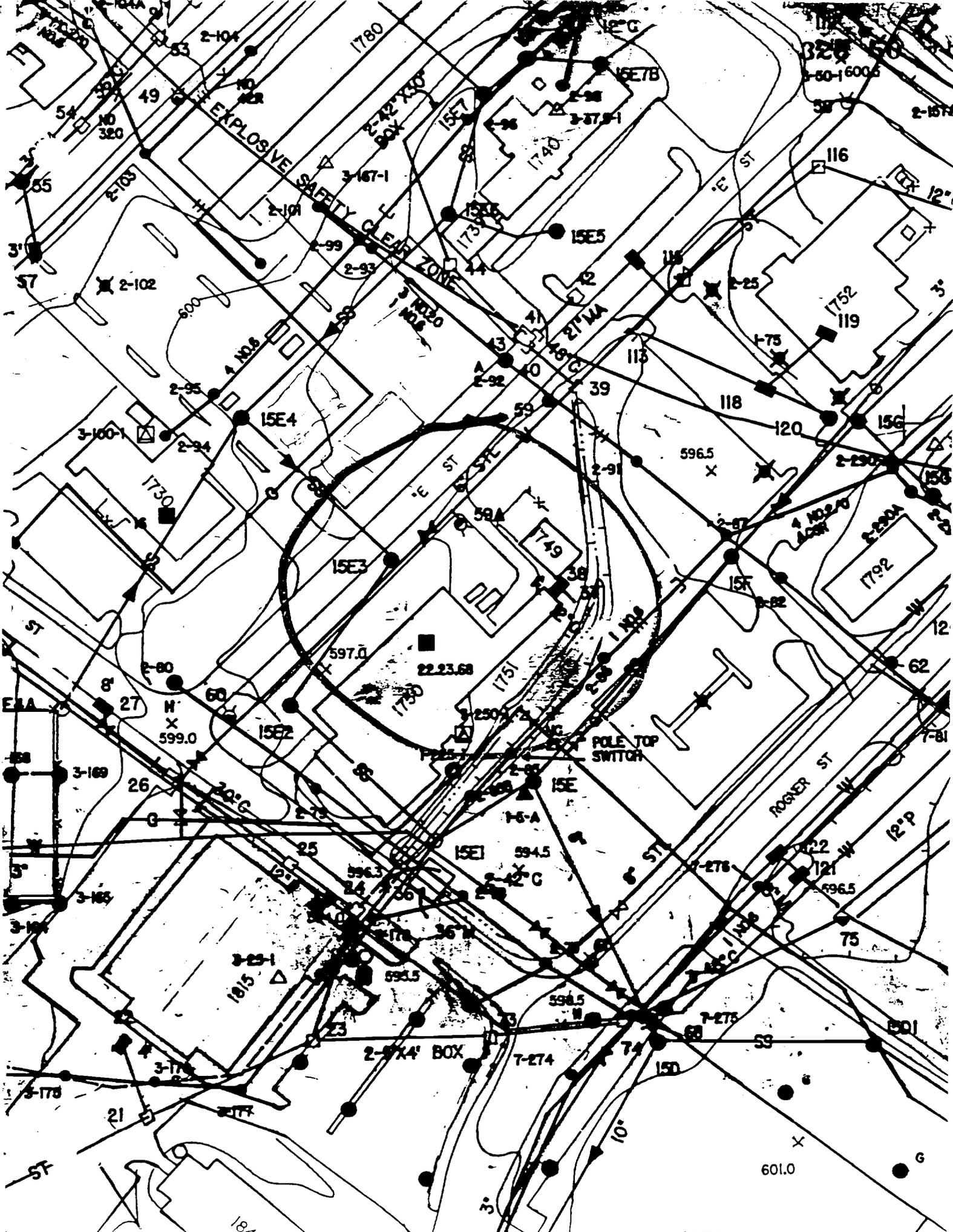
2-5' X 4' BOX



EXPLOSIVE SAFETY ZONE

POLE TOP SWITCH

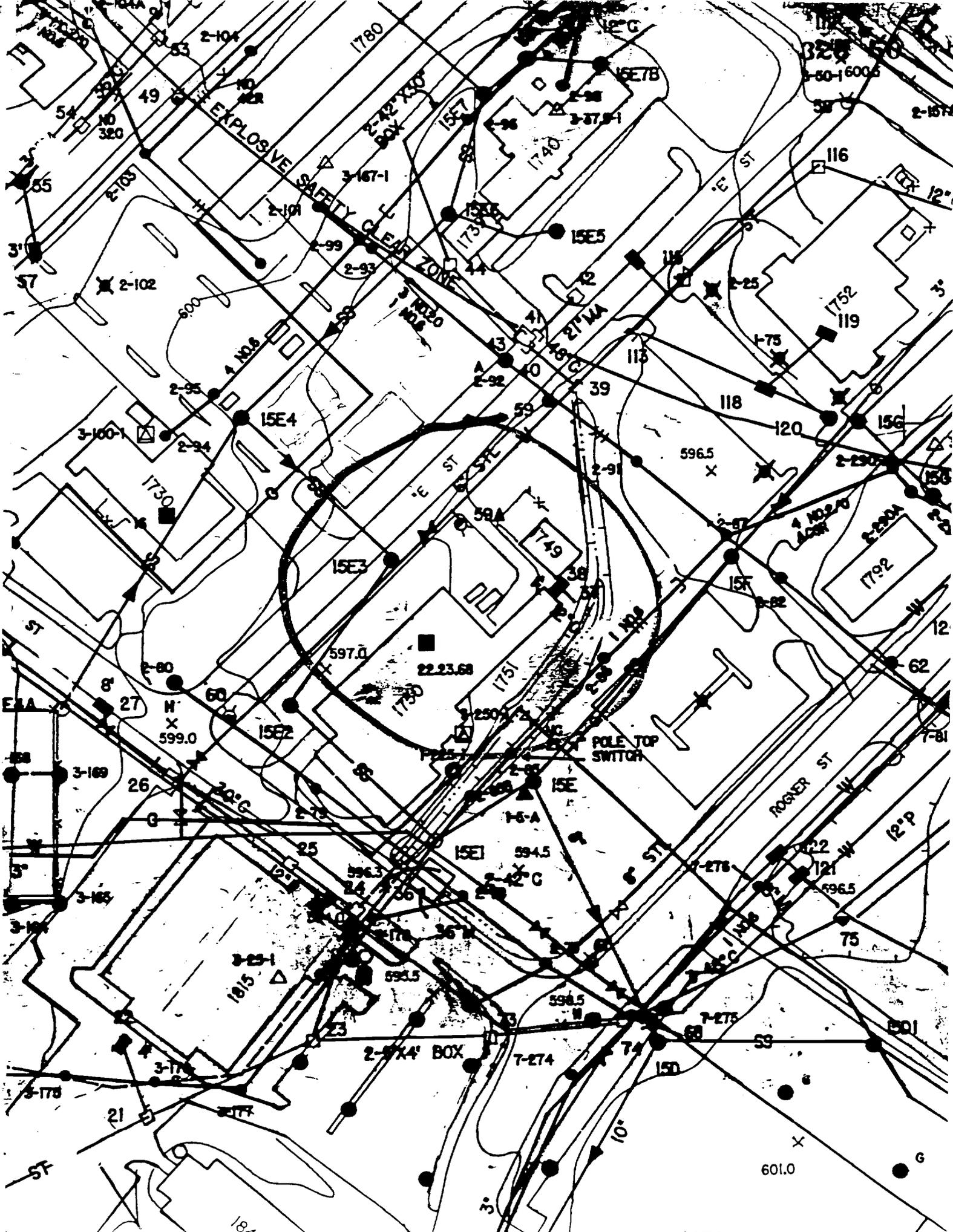
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EXPLOSIVE SAFETY ZONE

POLE TOP SWITCH

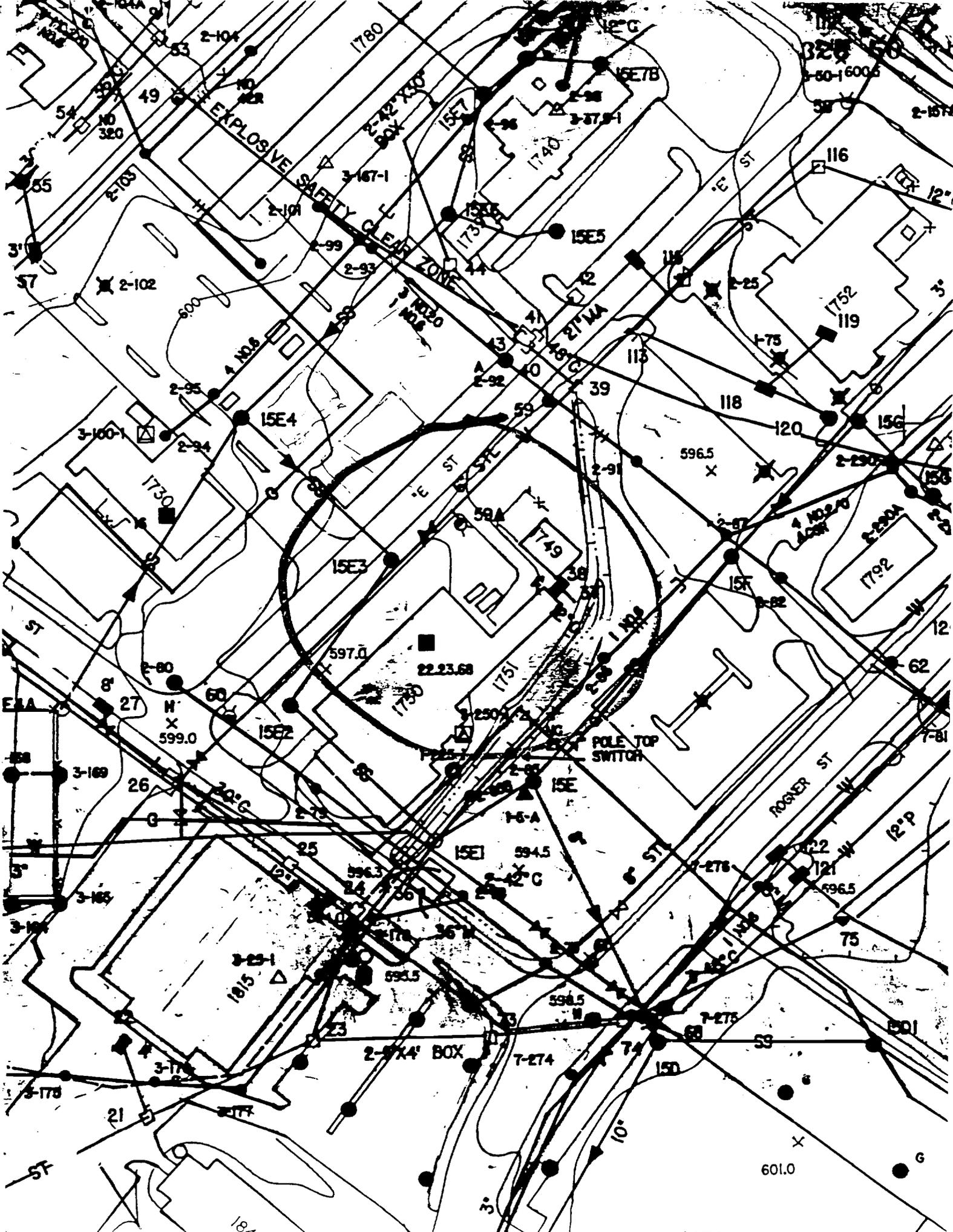
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EXPLOSIVE SAFETY ZONE

POLE TOP SWITCH

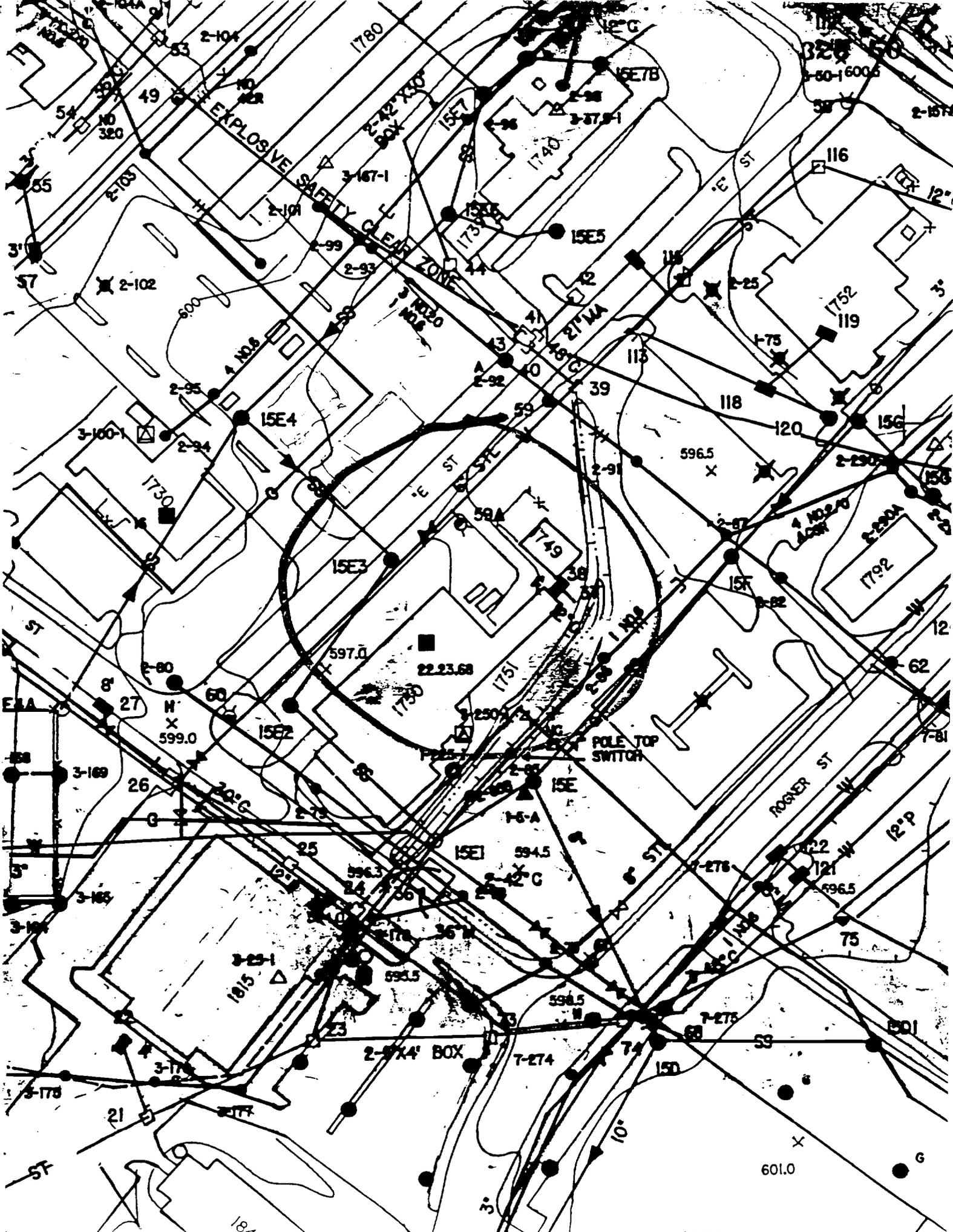
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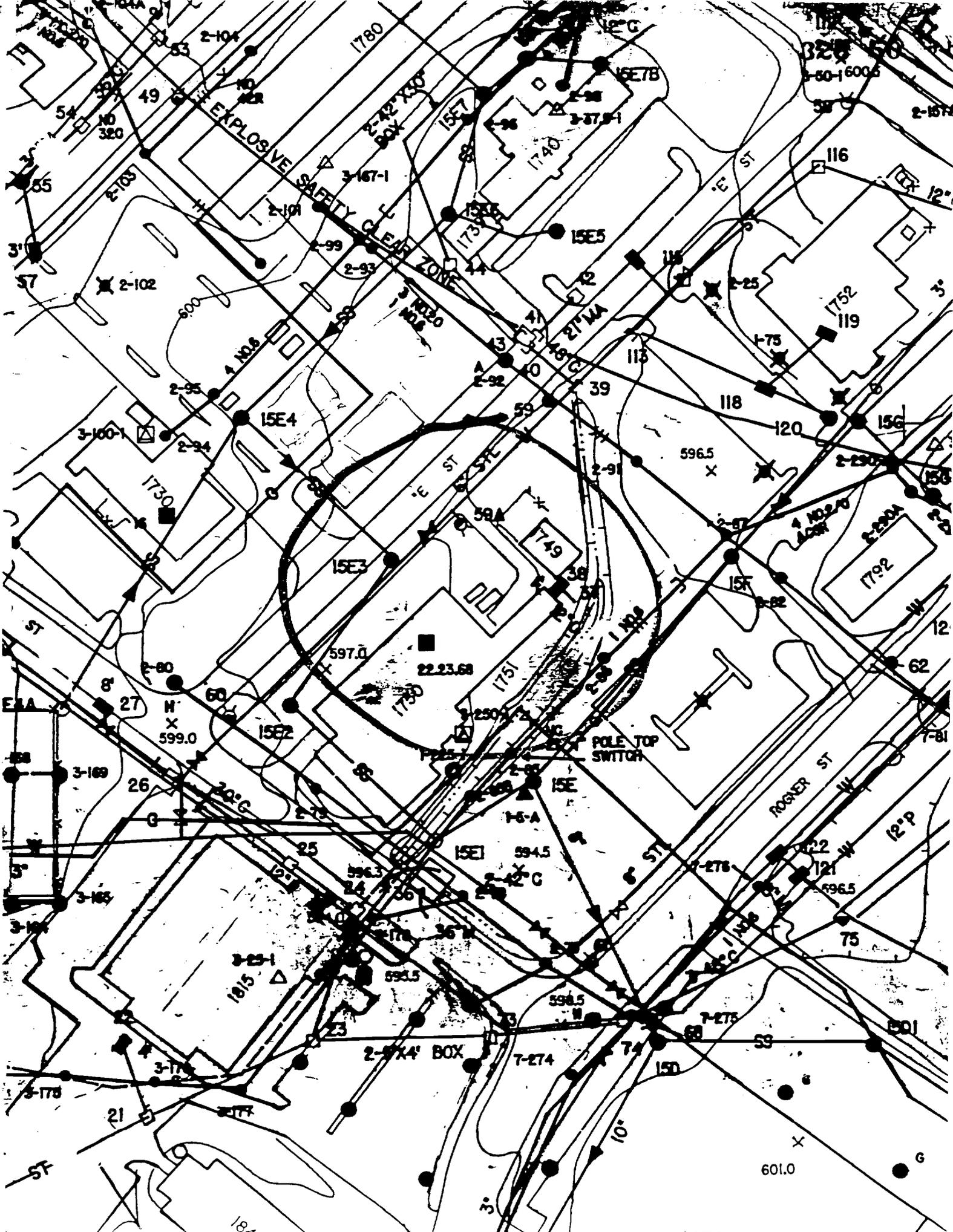
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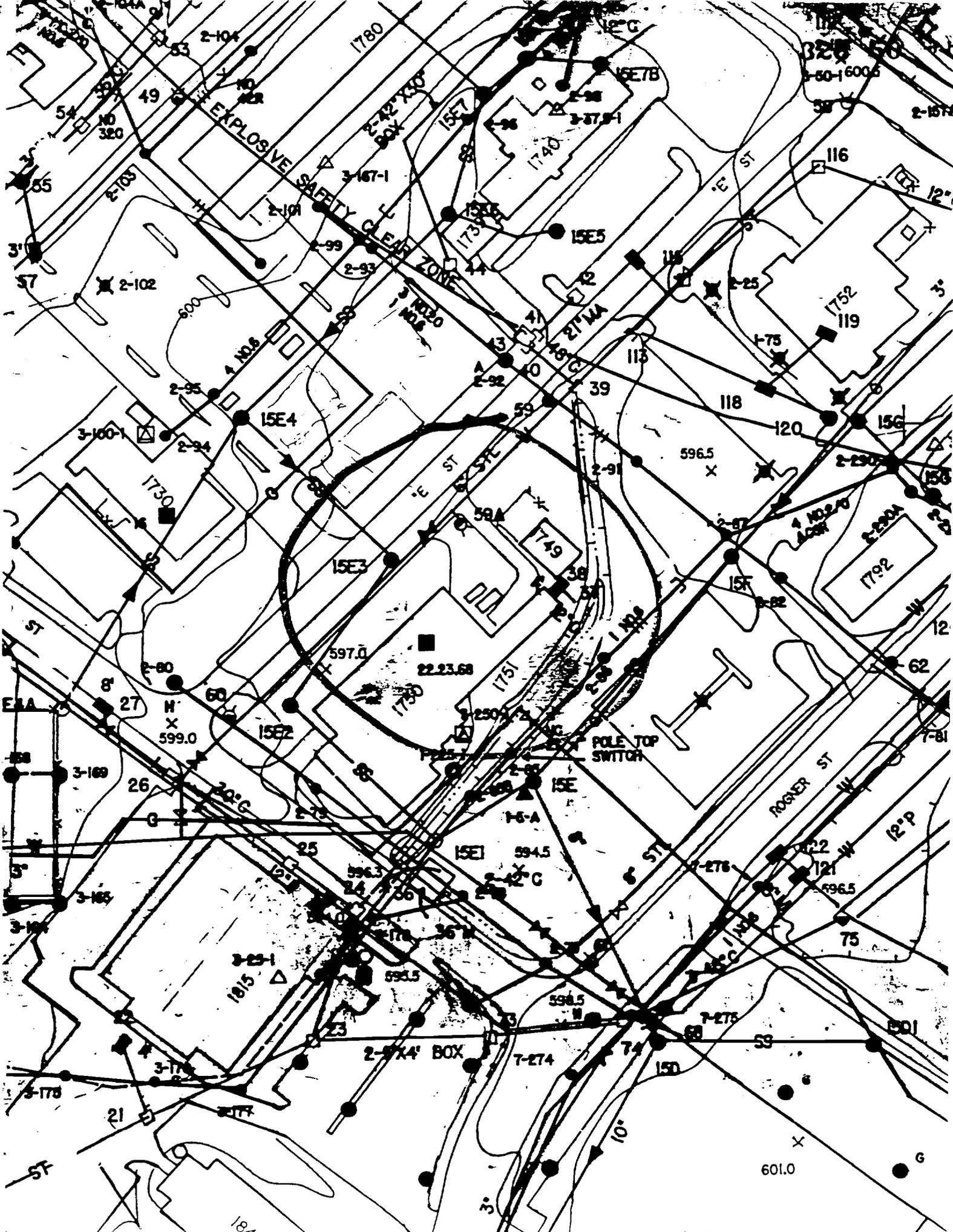
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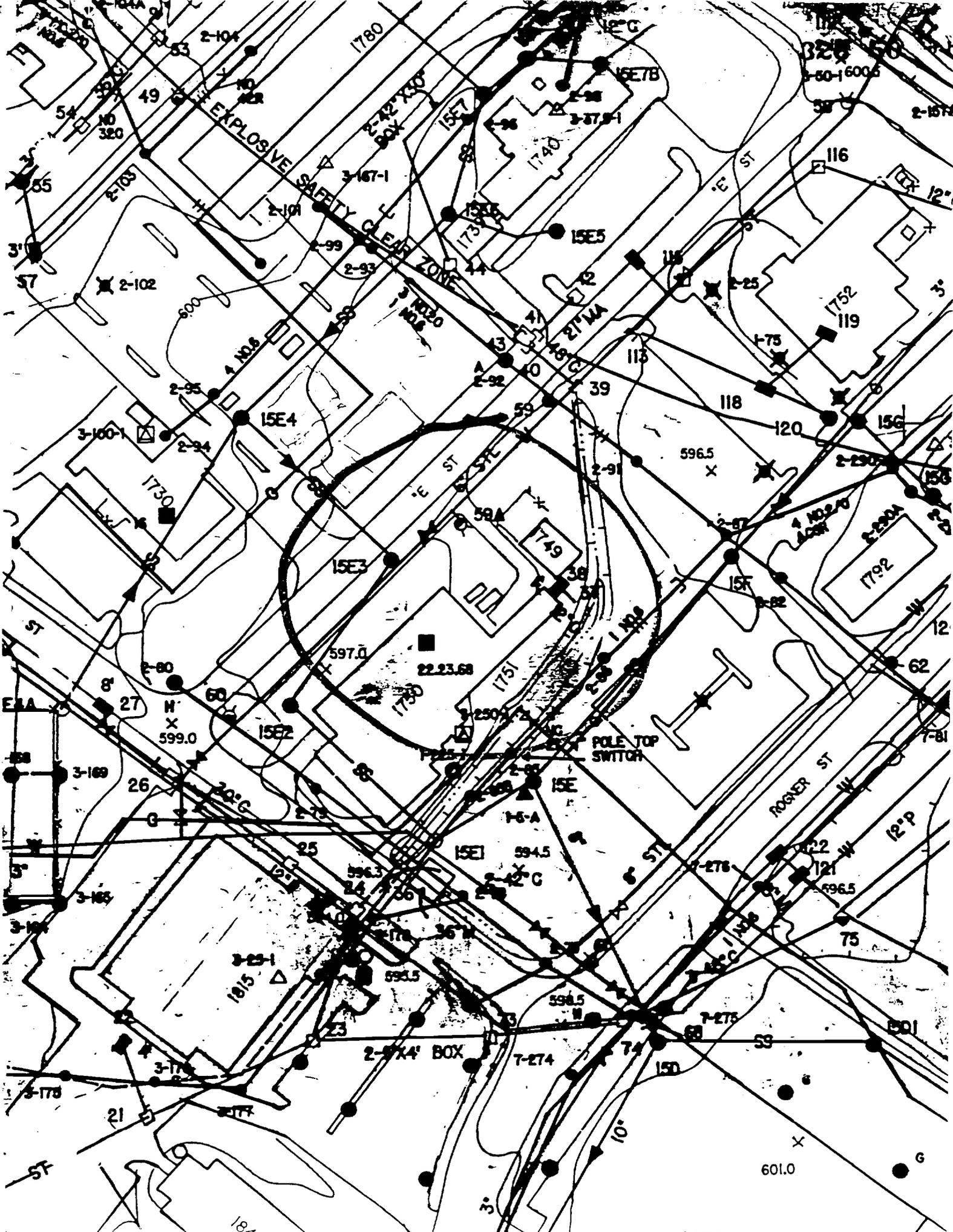
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POLE TOP SWITCH

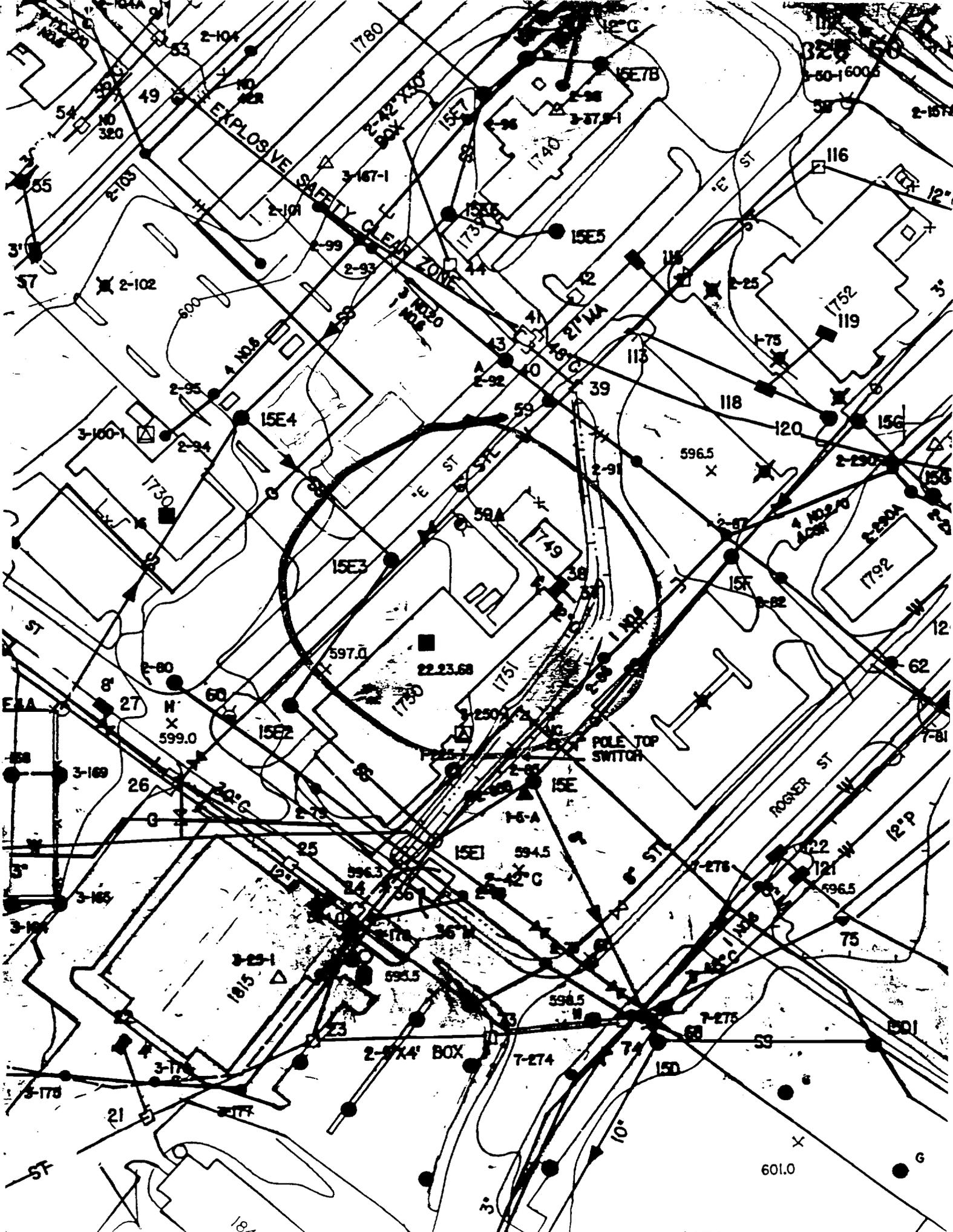
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POLE TOP SWITCH

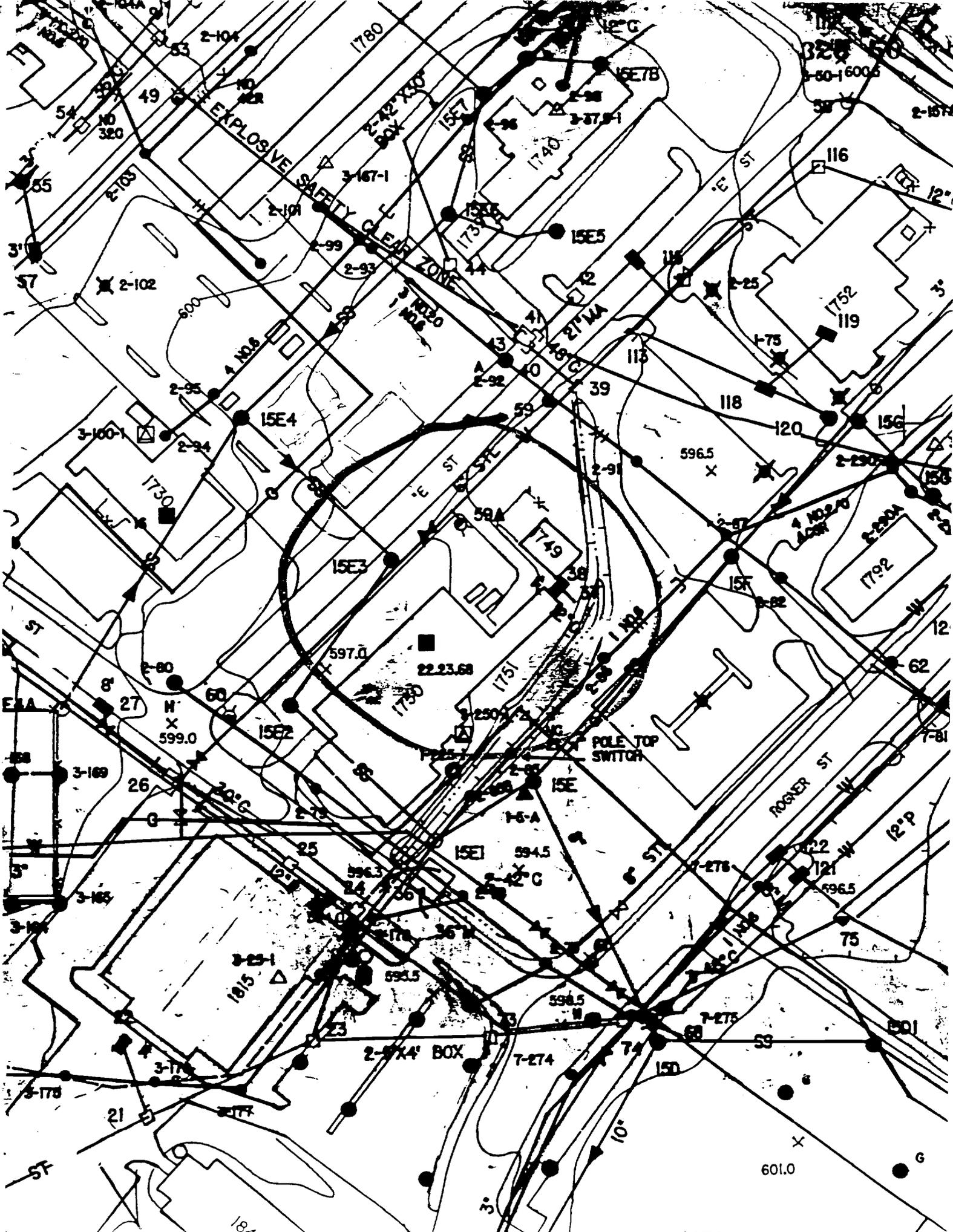
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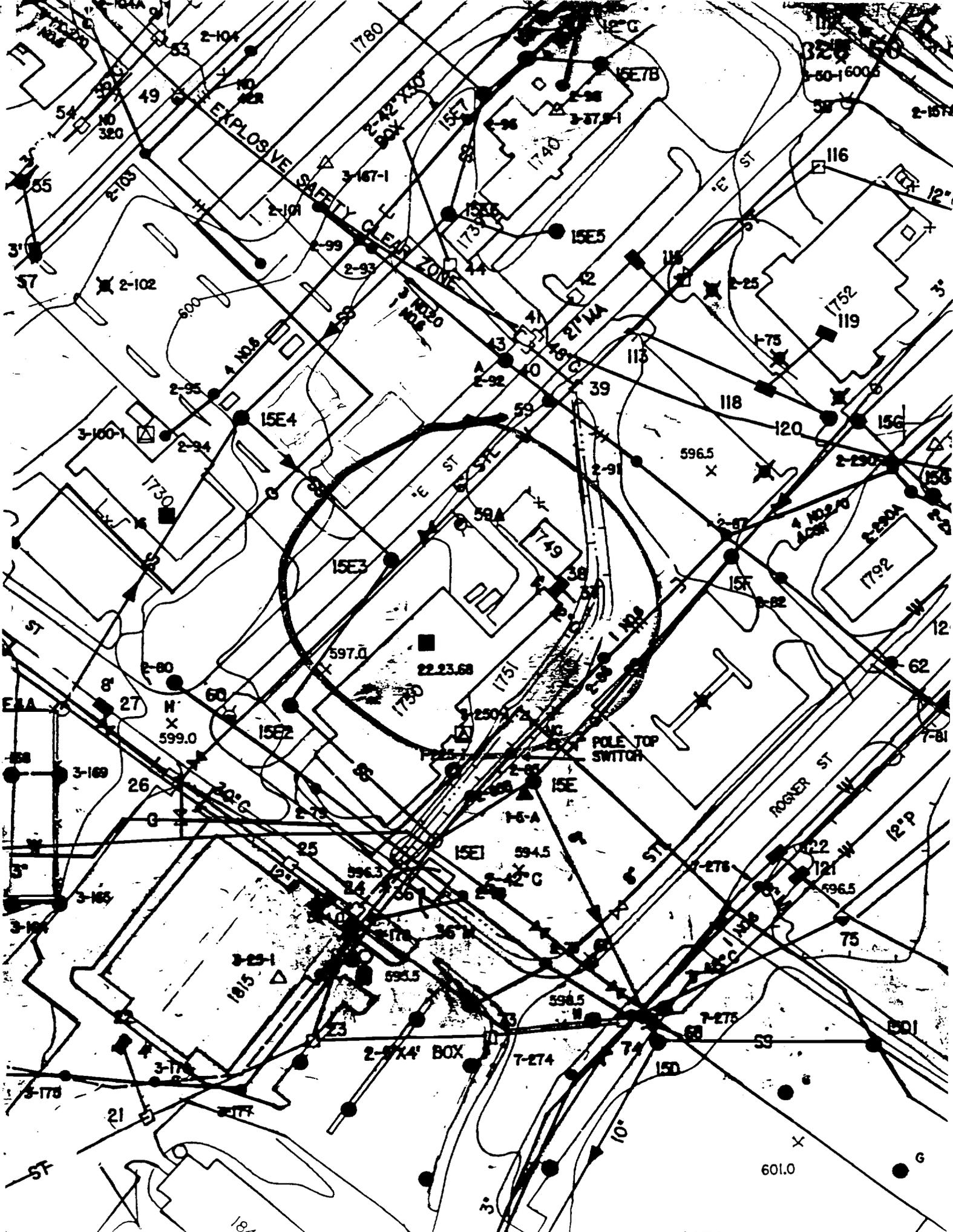
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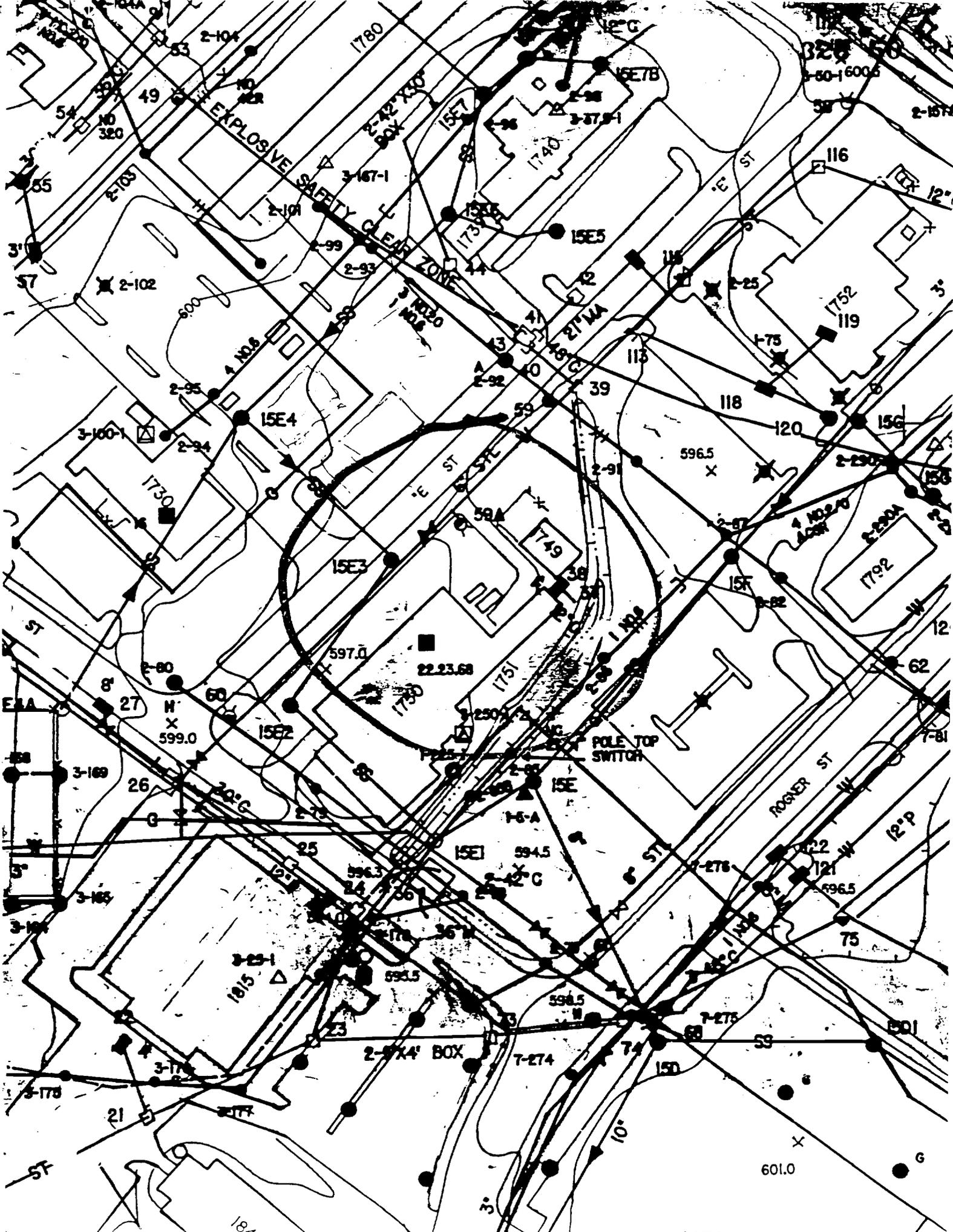
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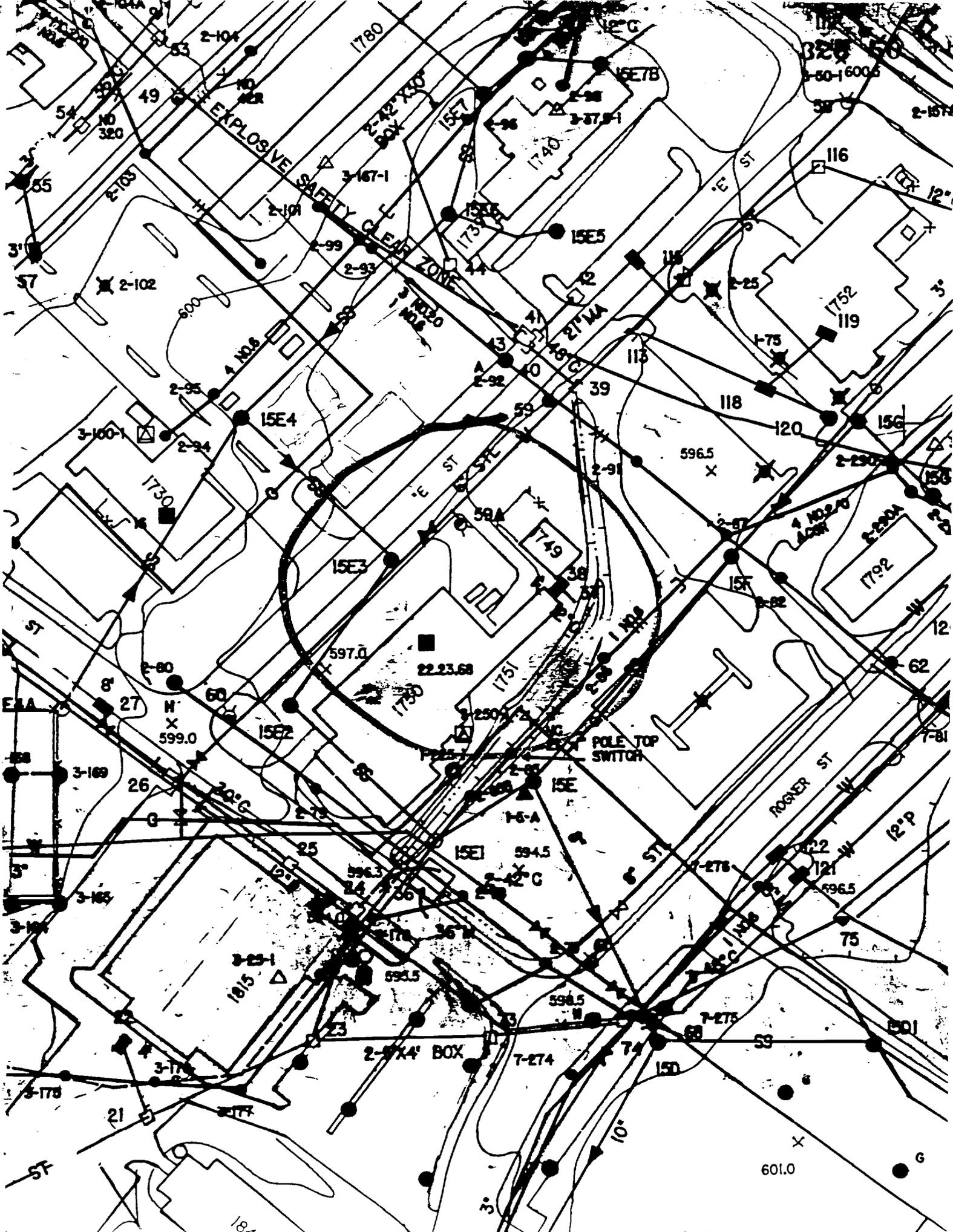
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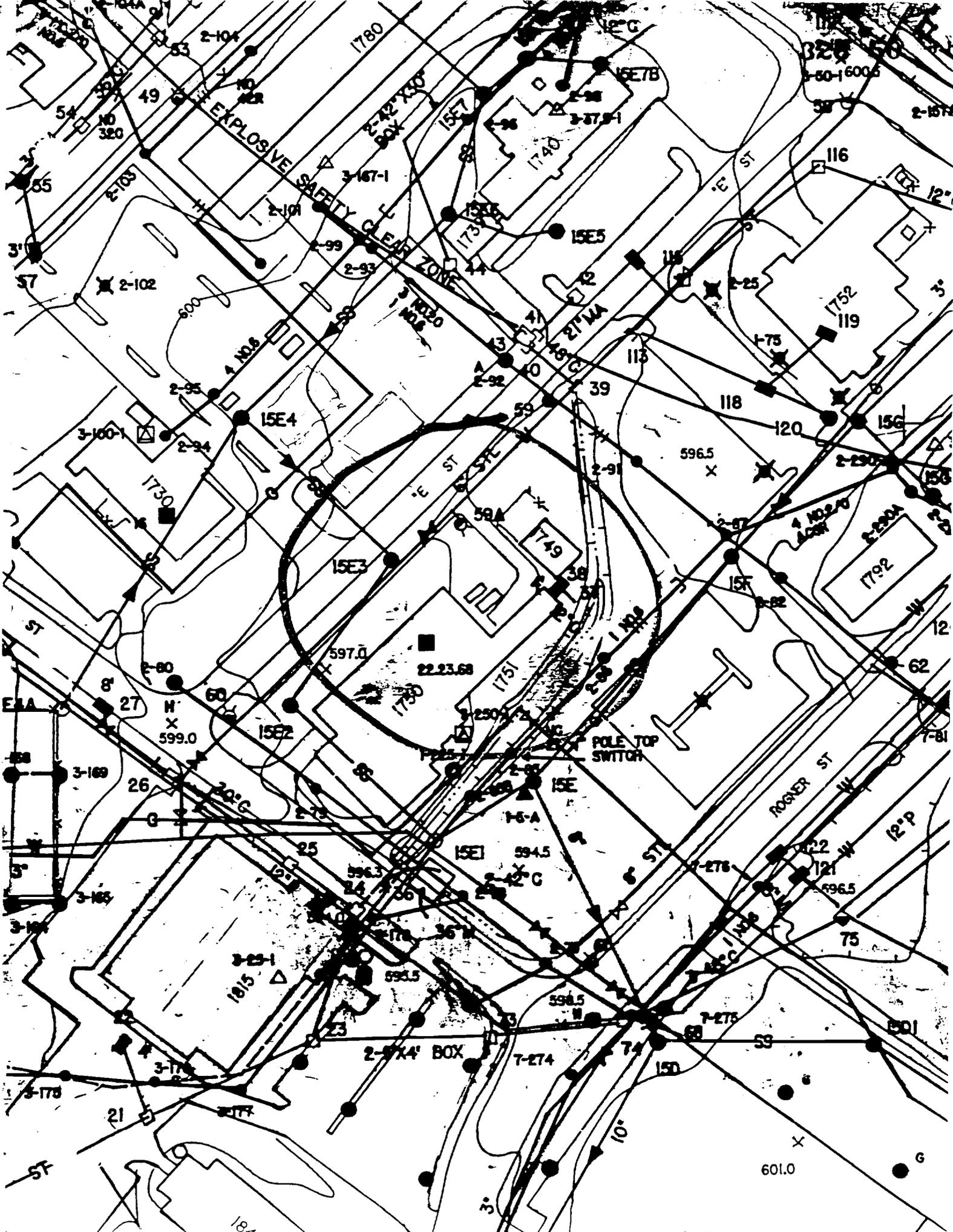
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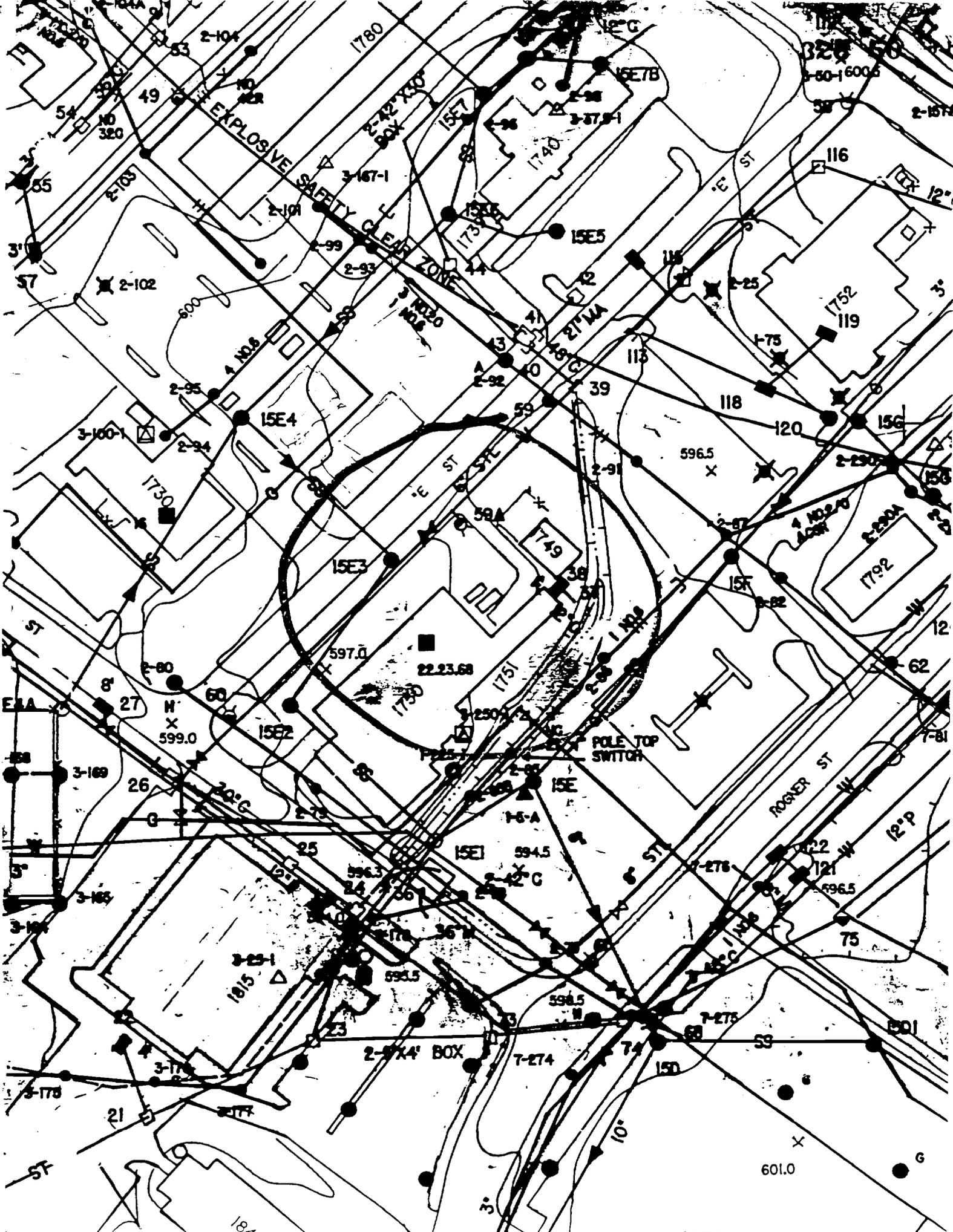
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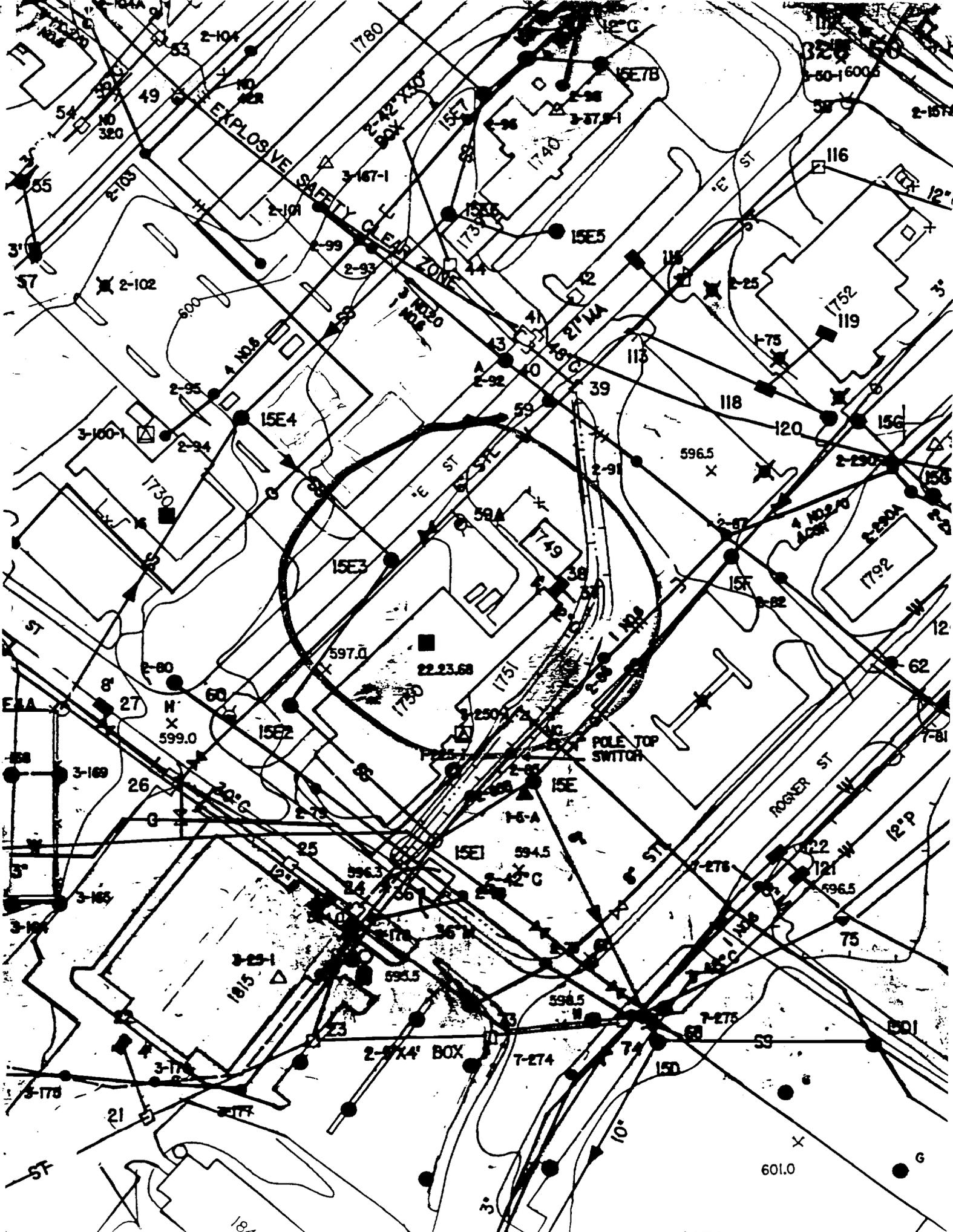
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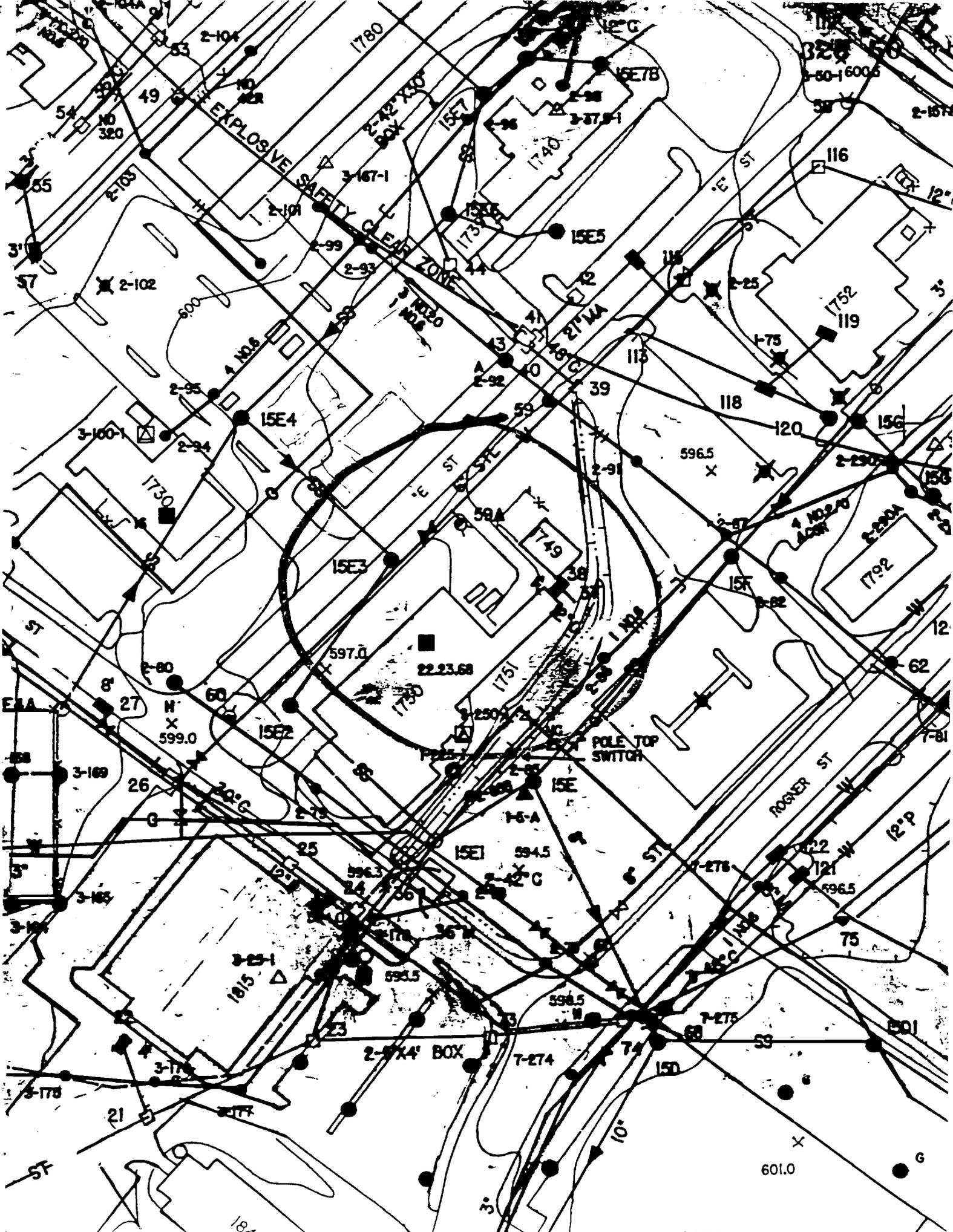
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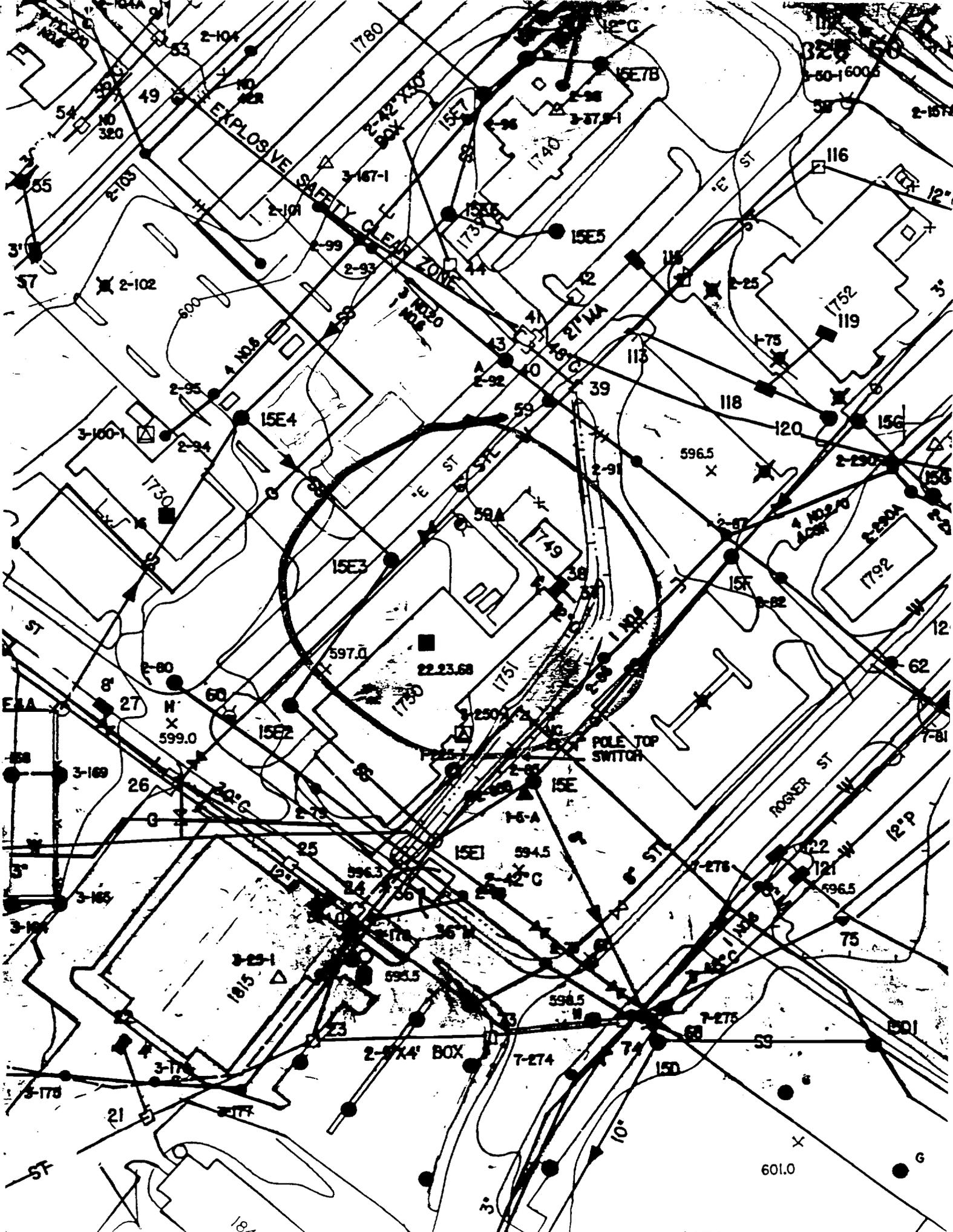
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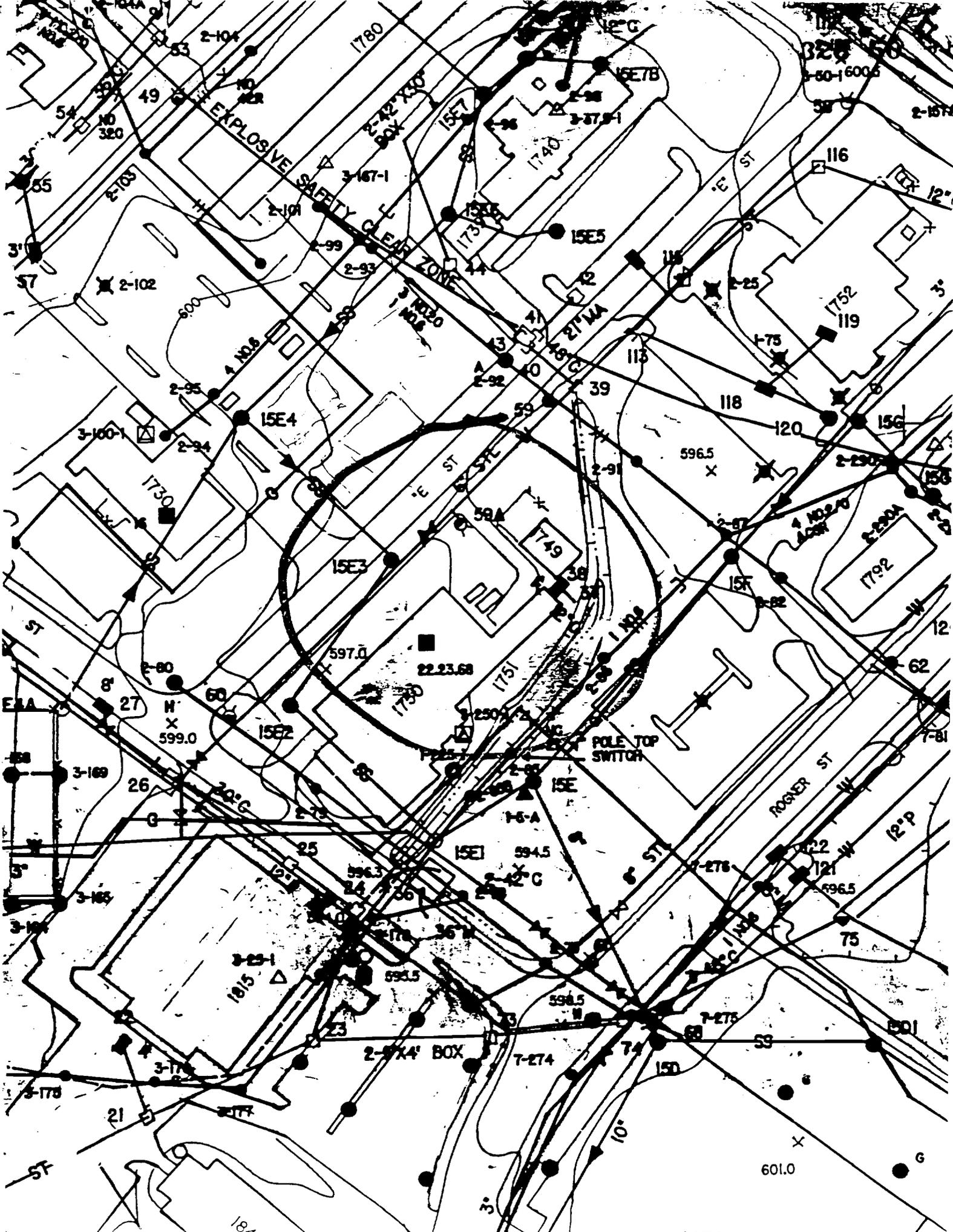
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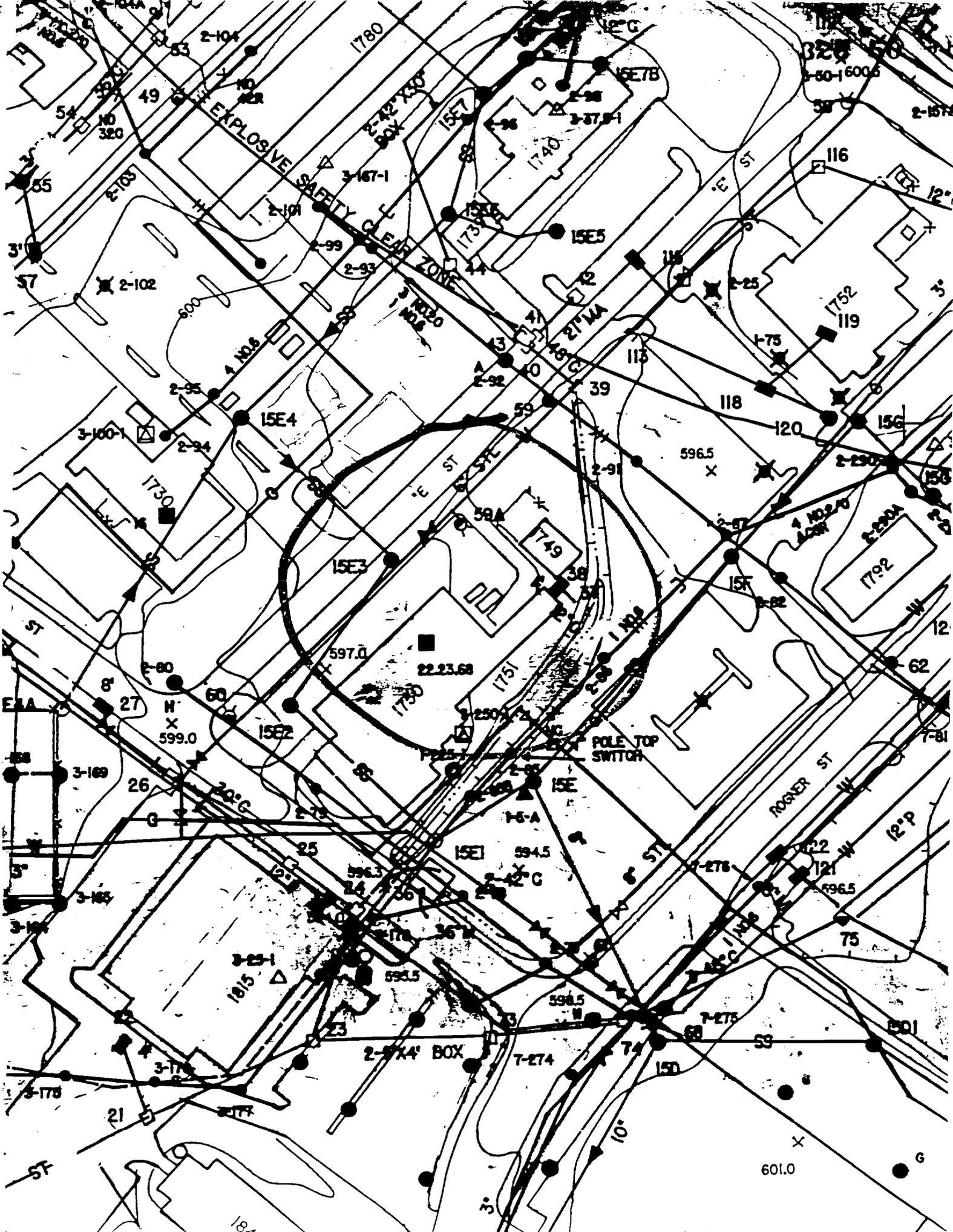
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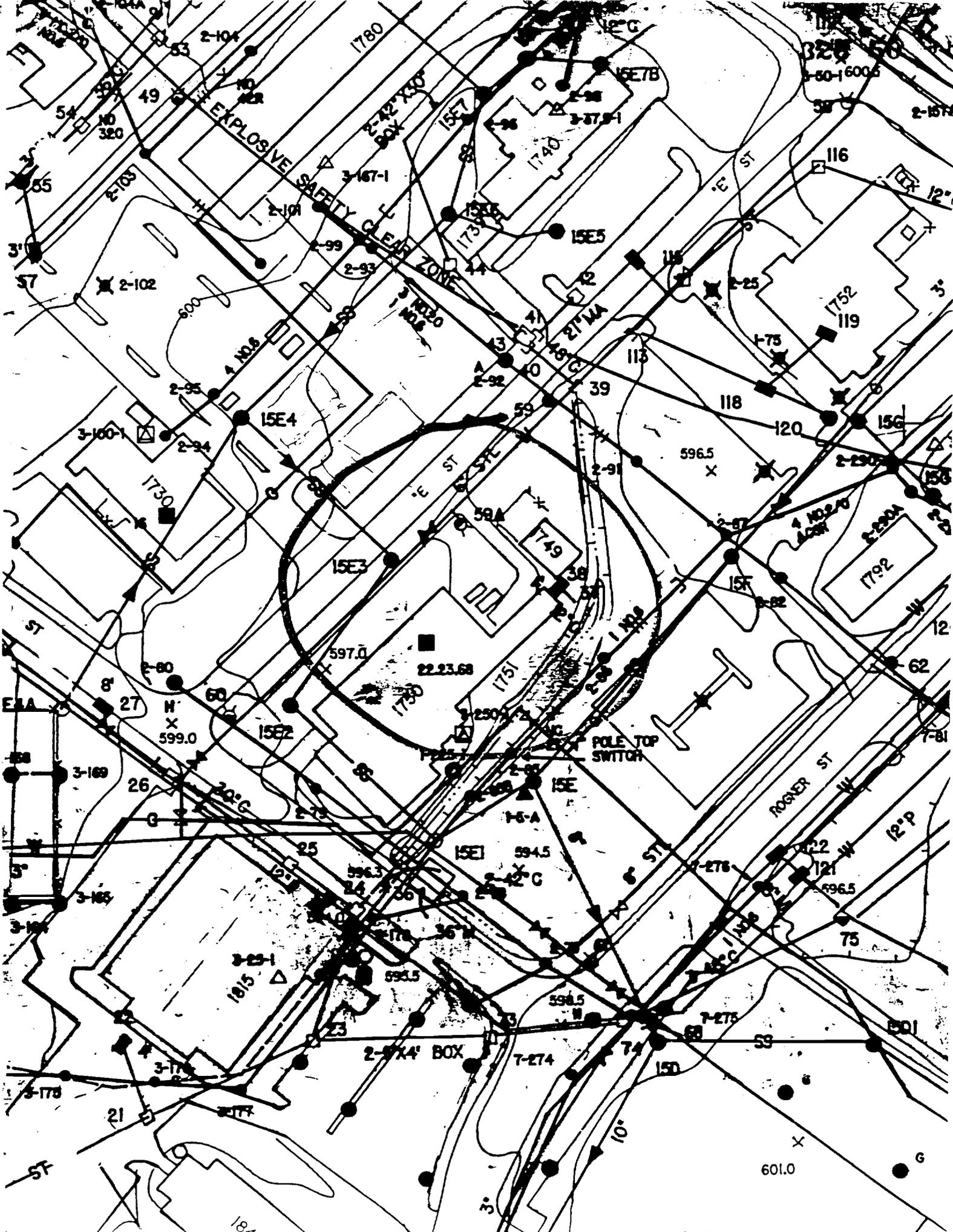
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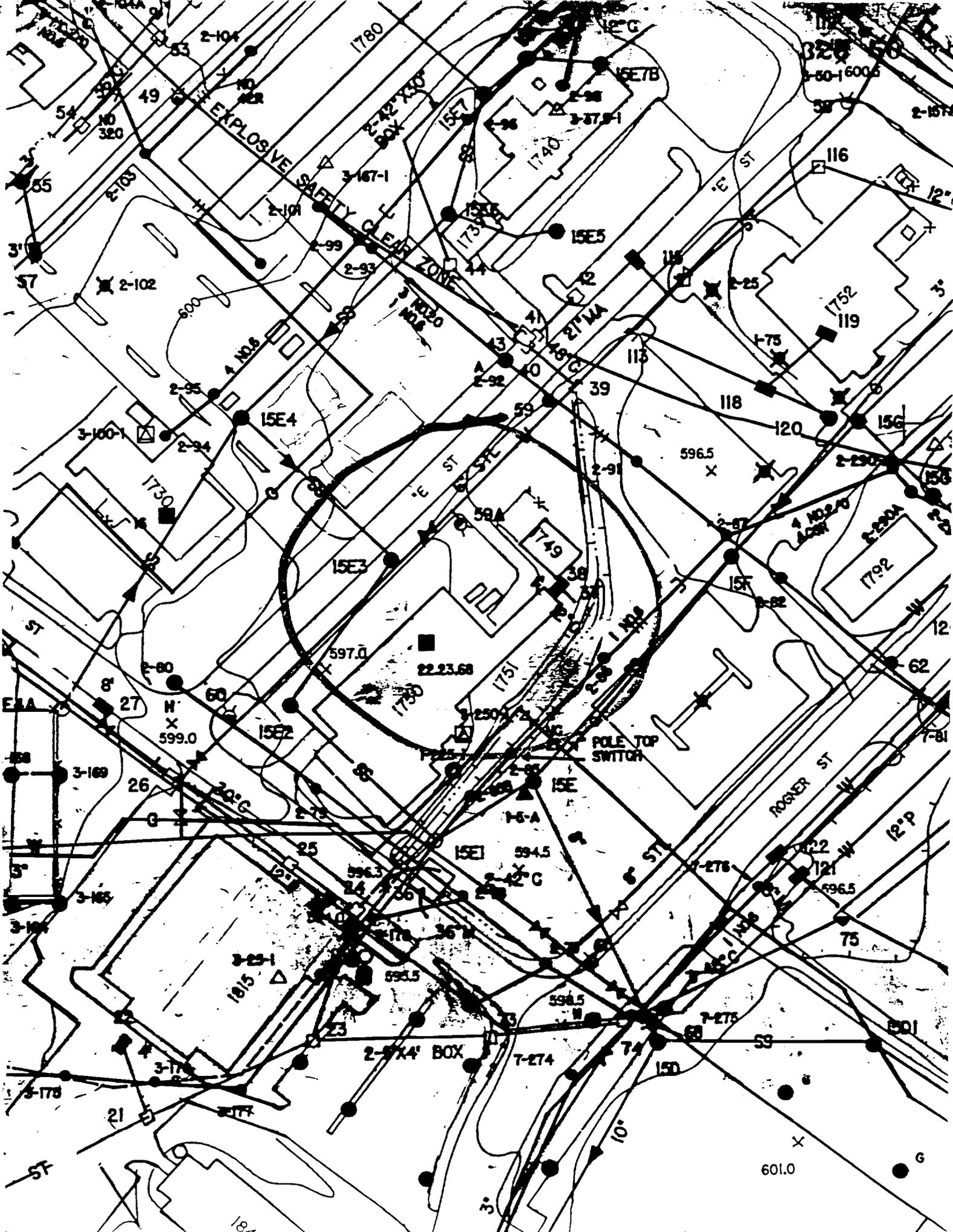
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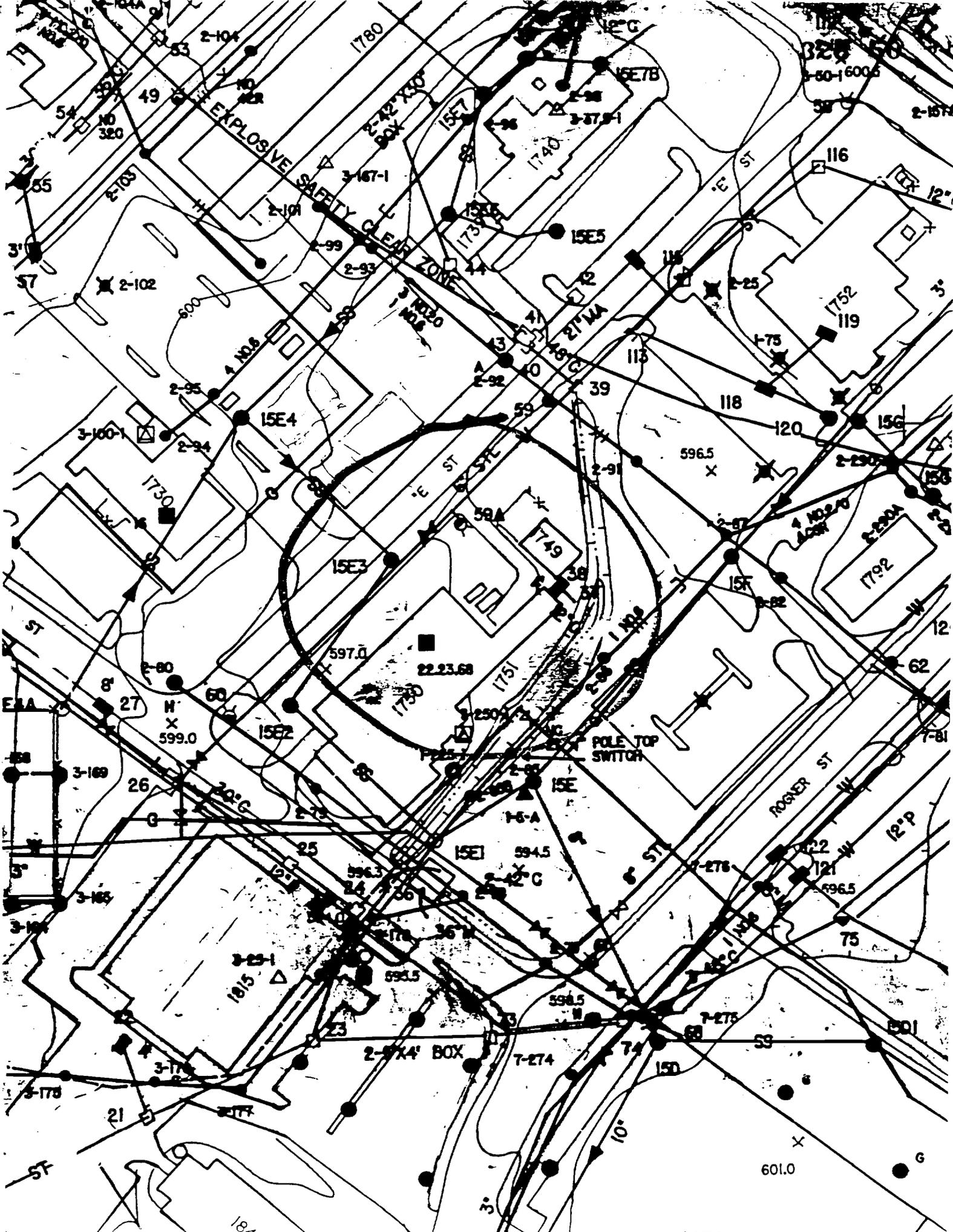
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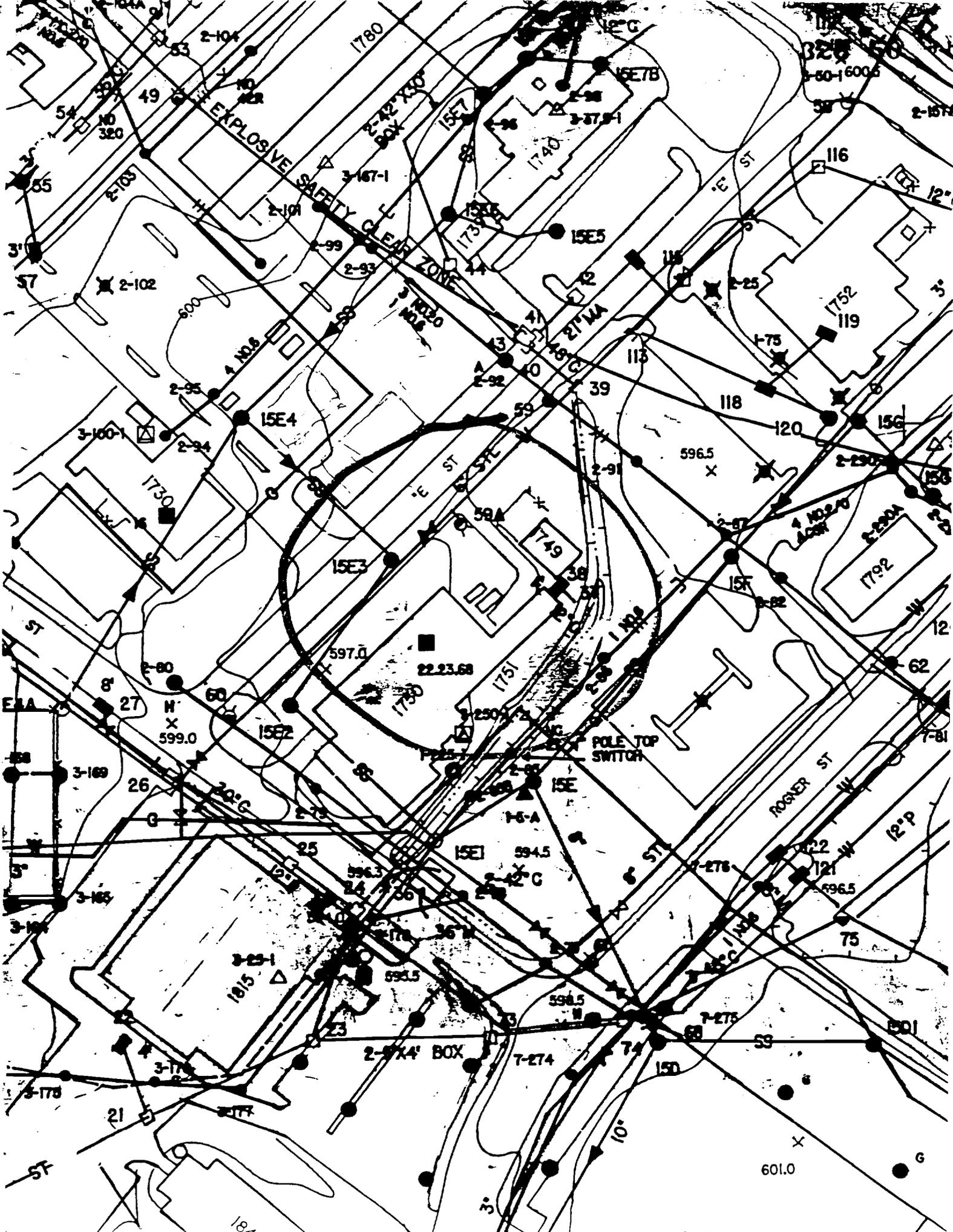
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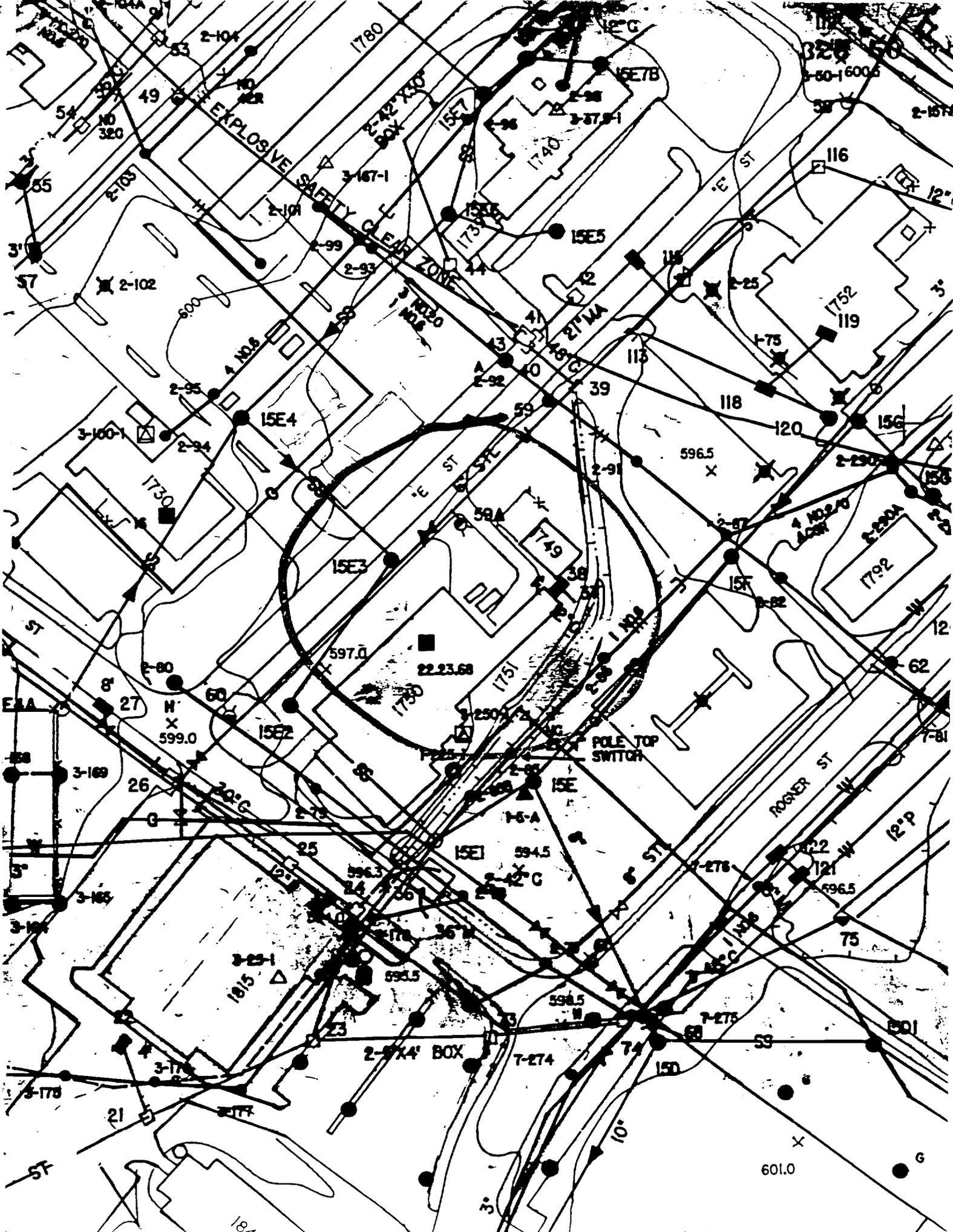
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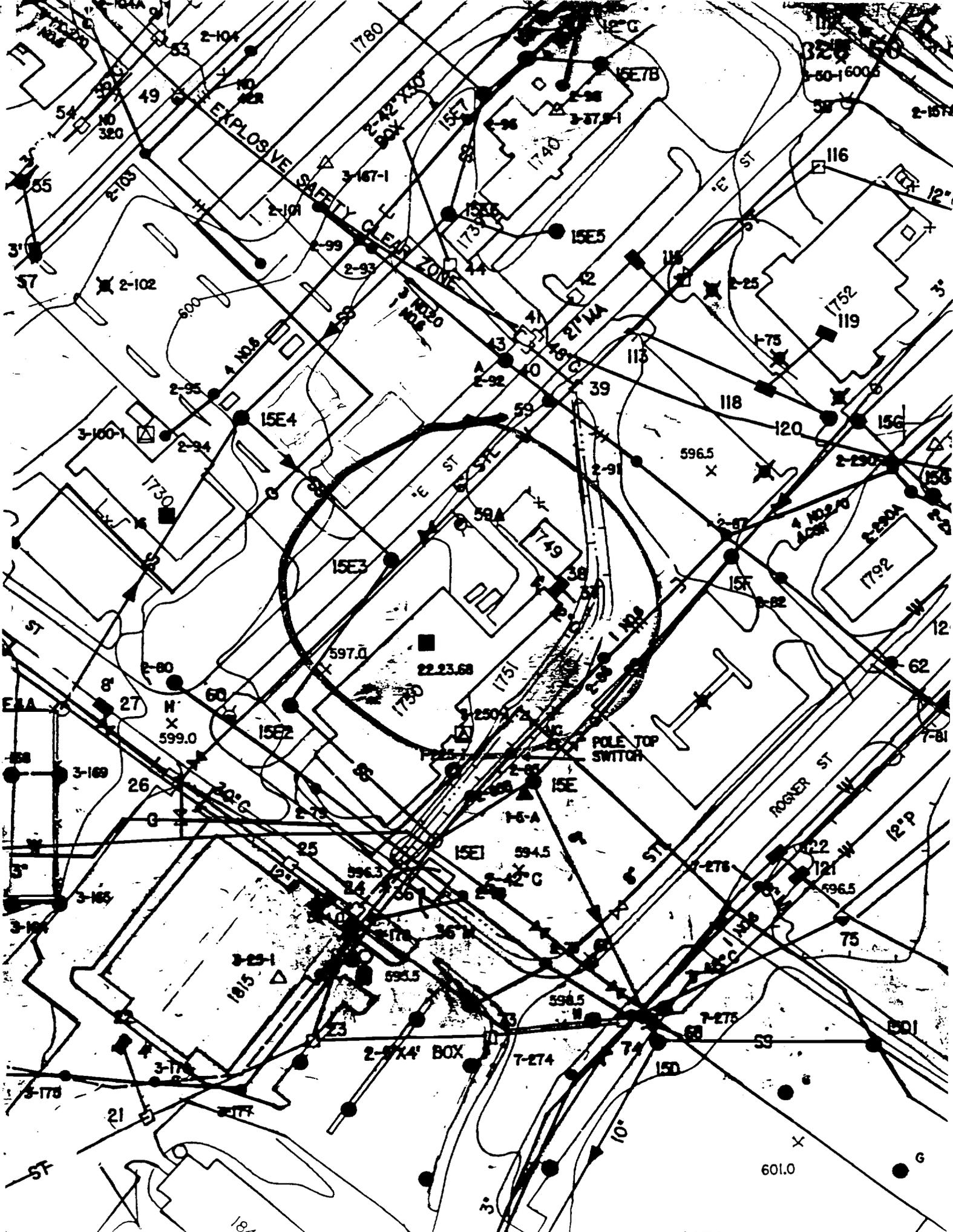
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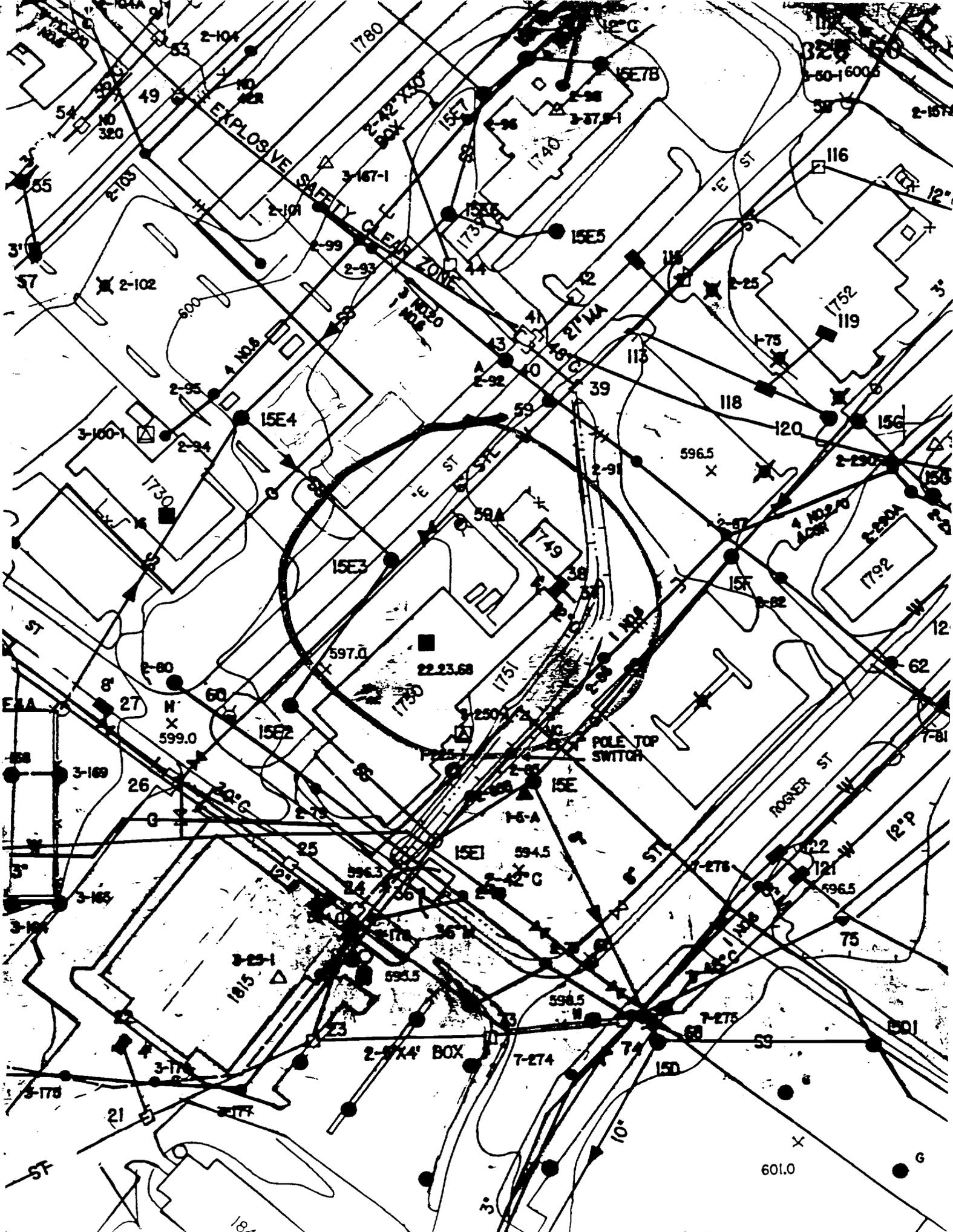
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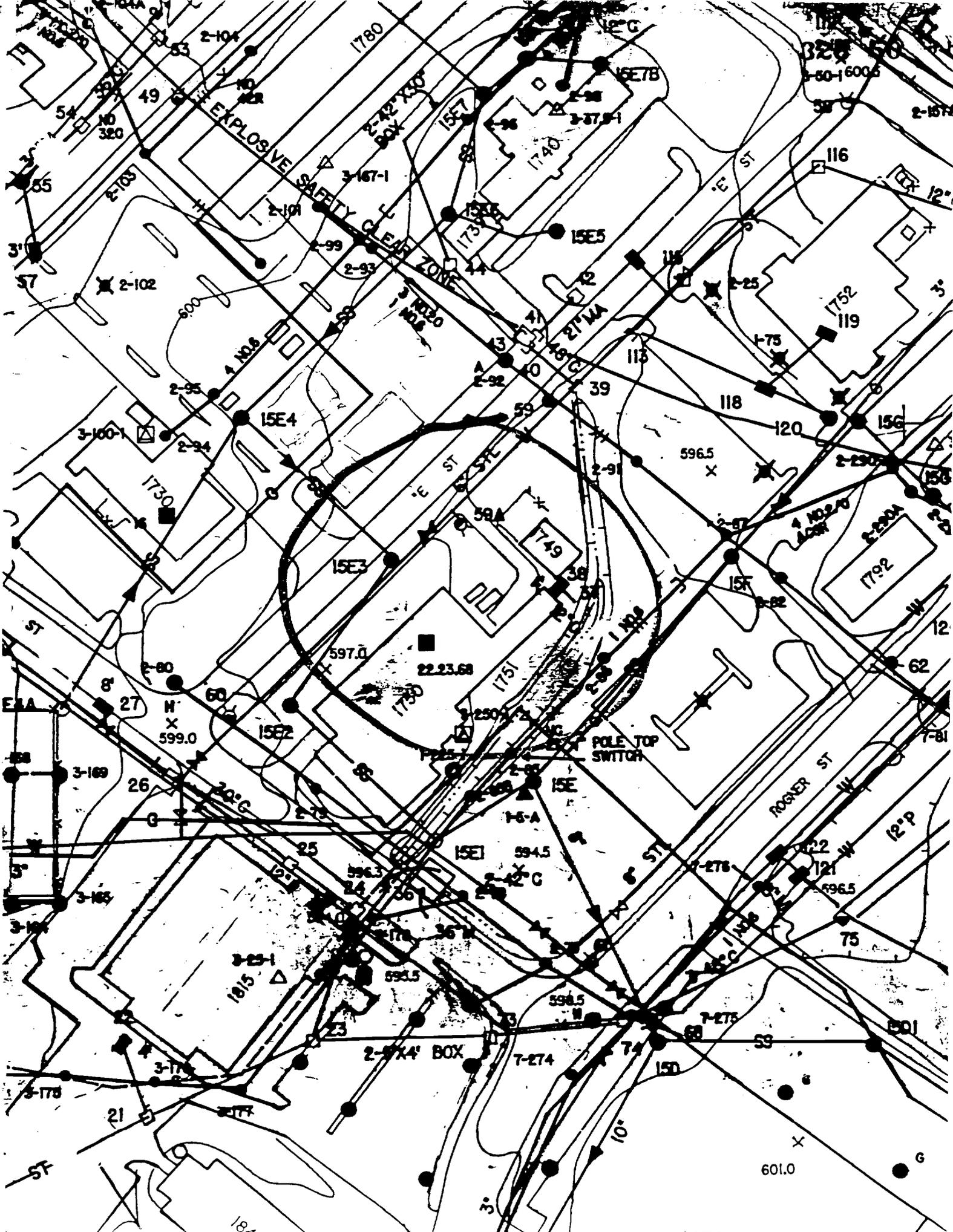
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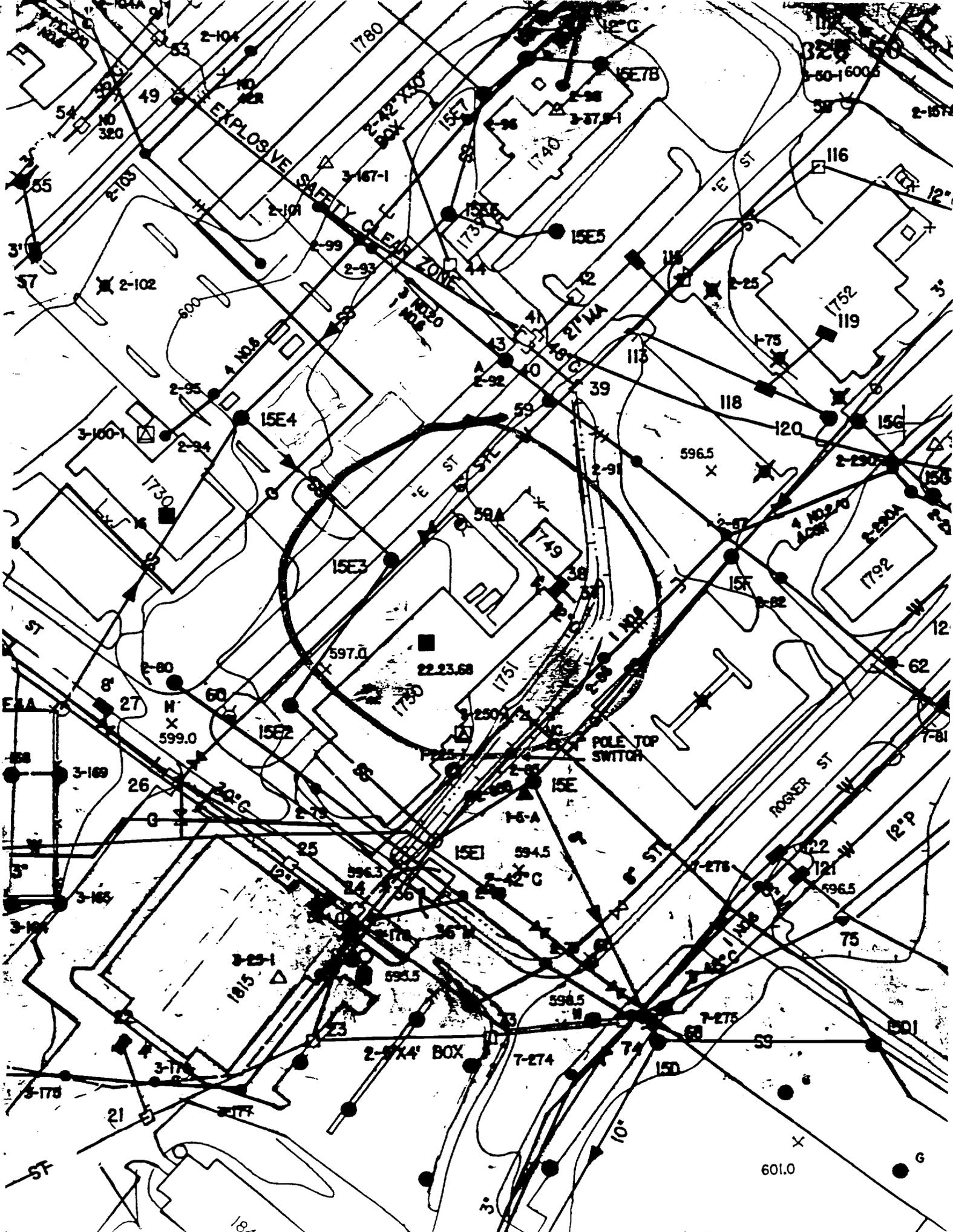
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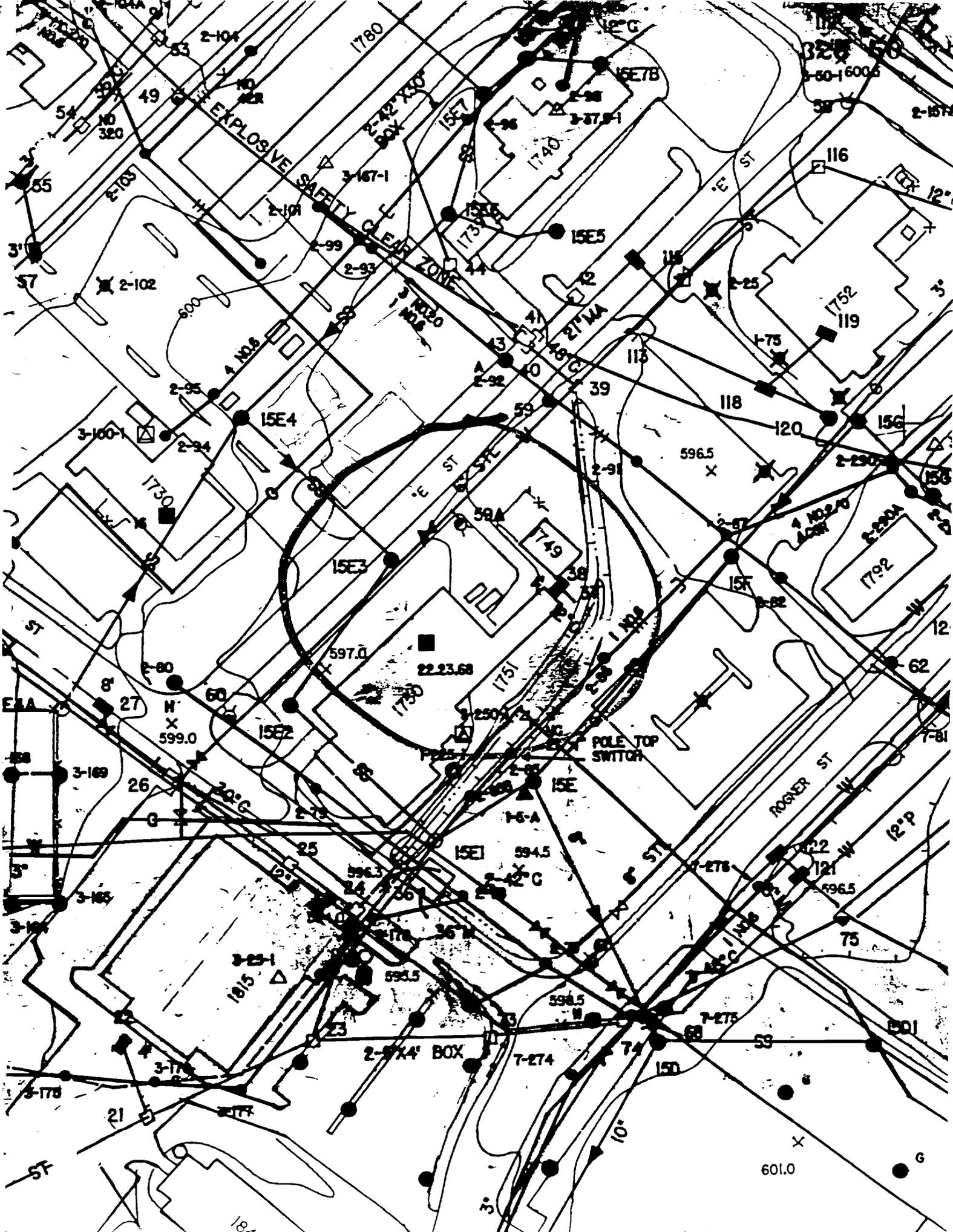
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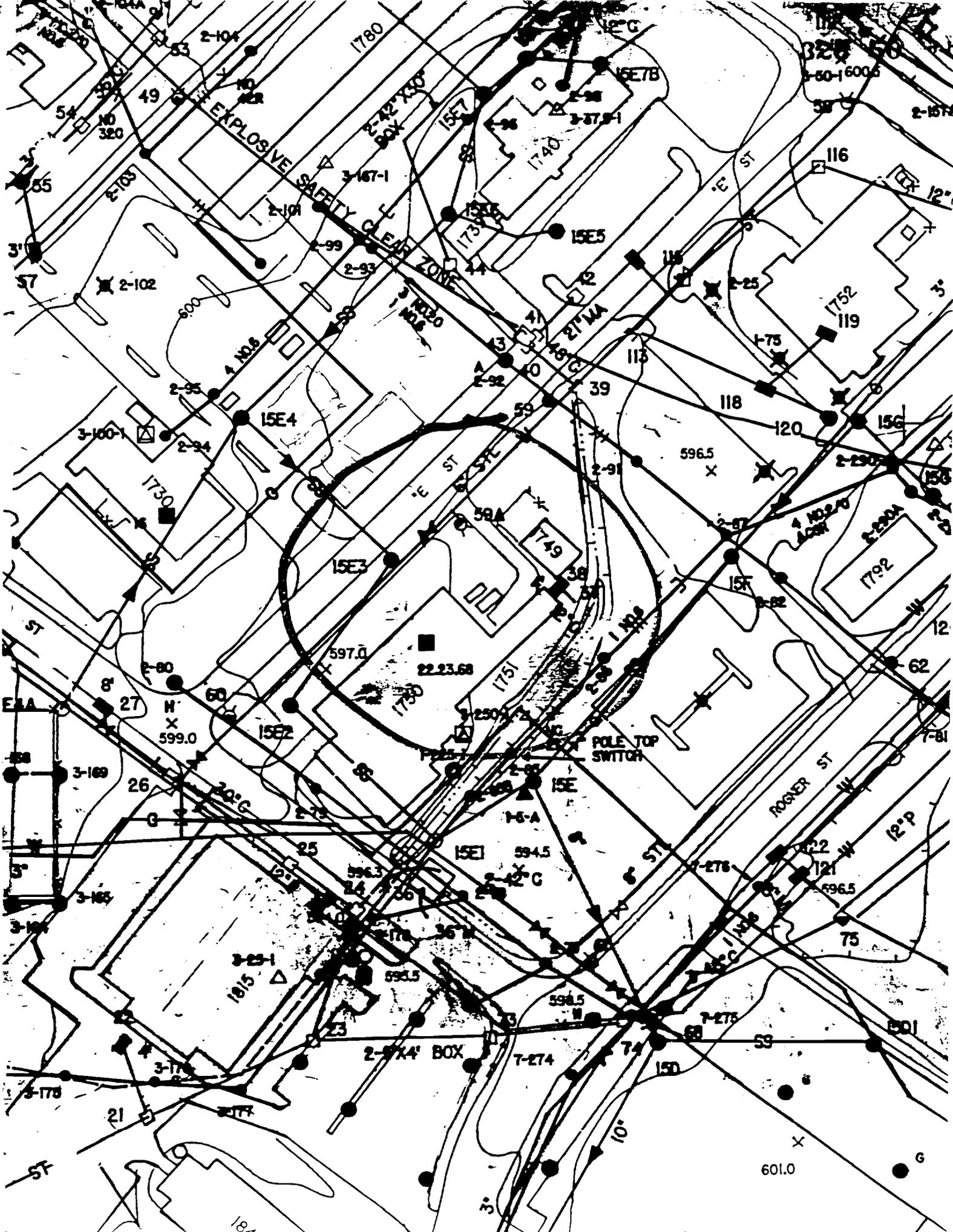
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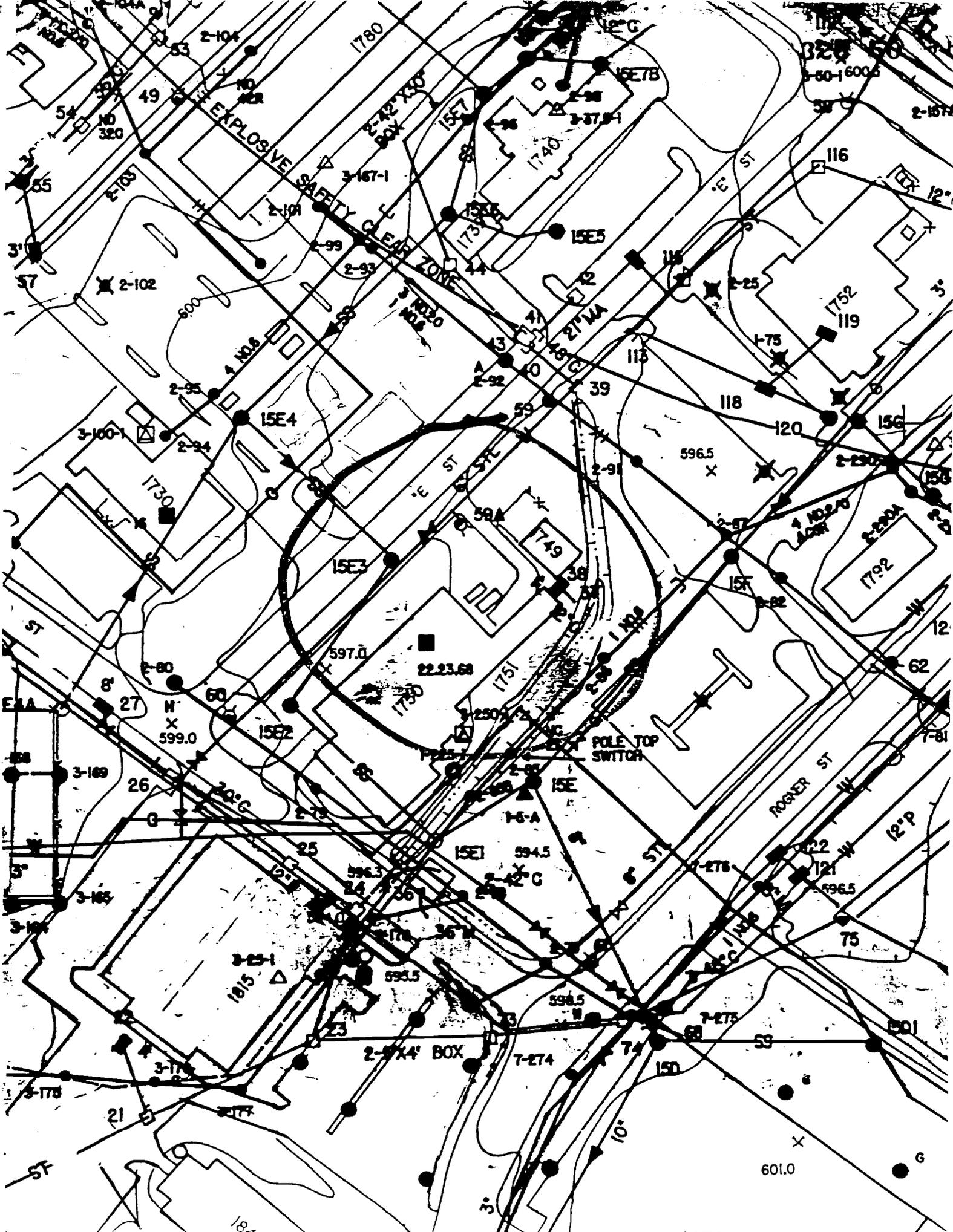
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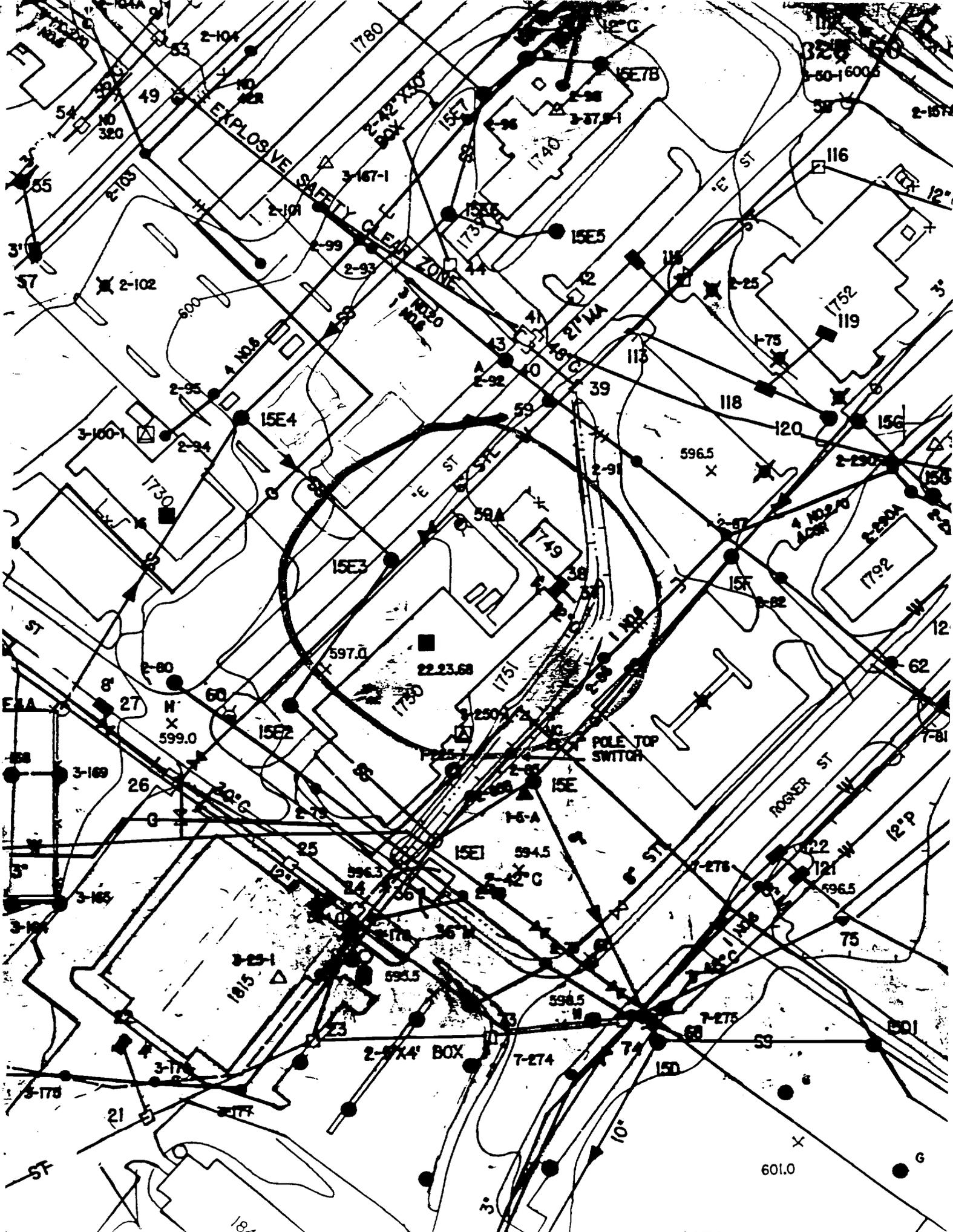
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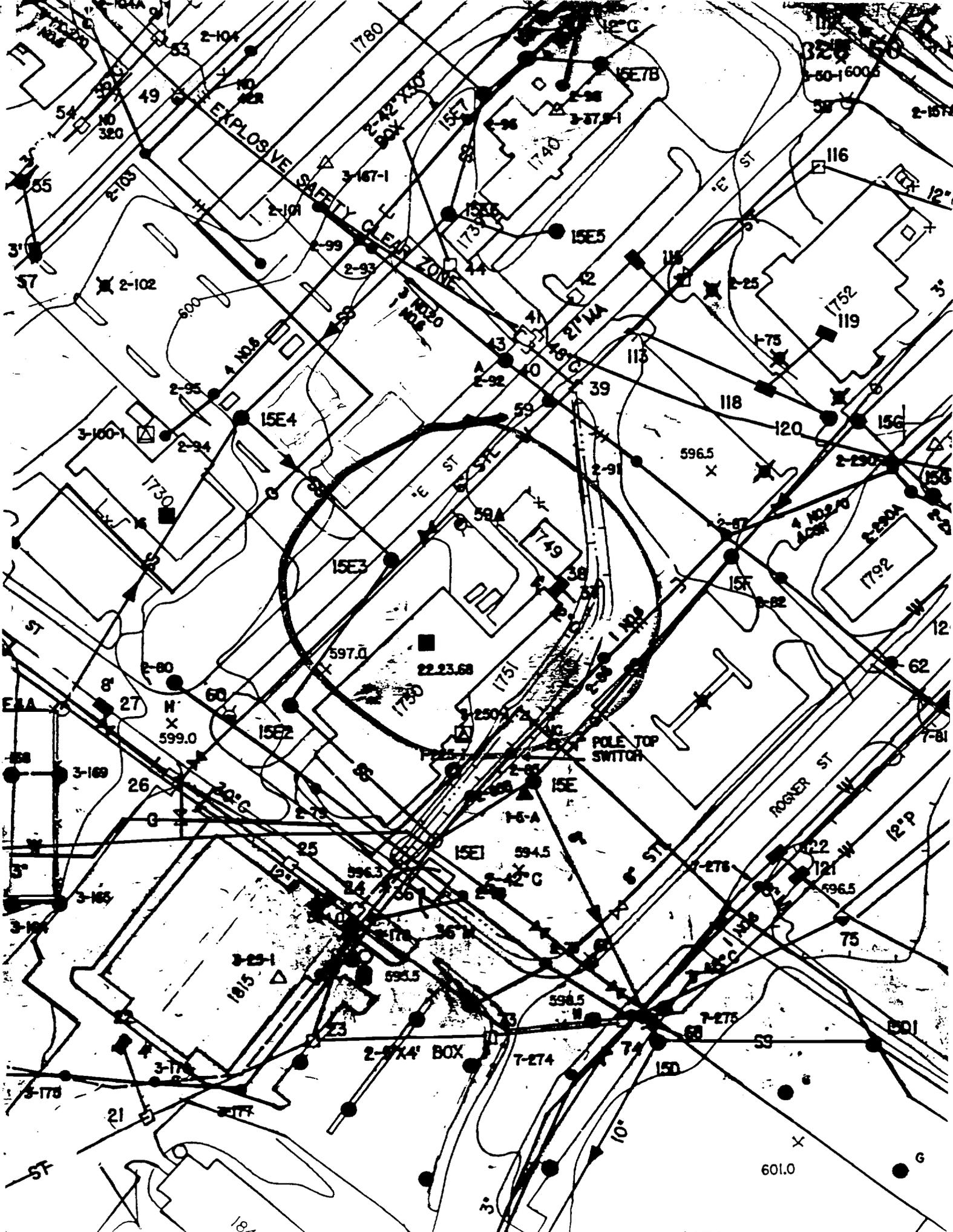
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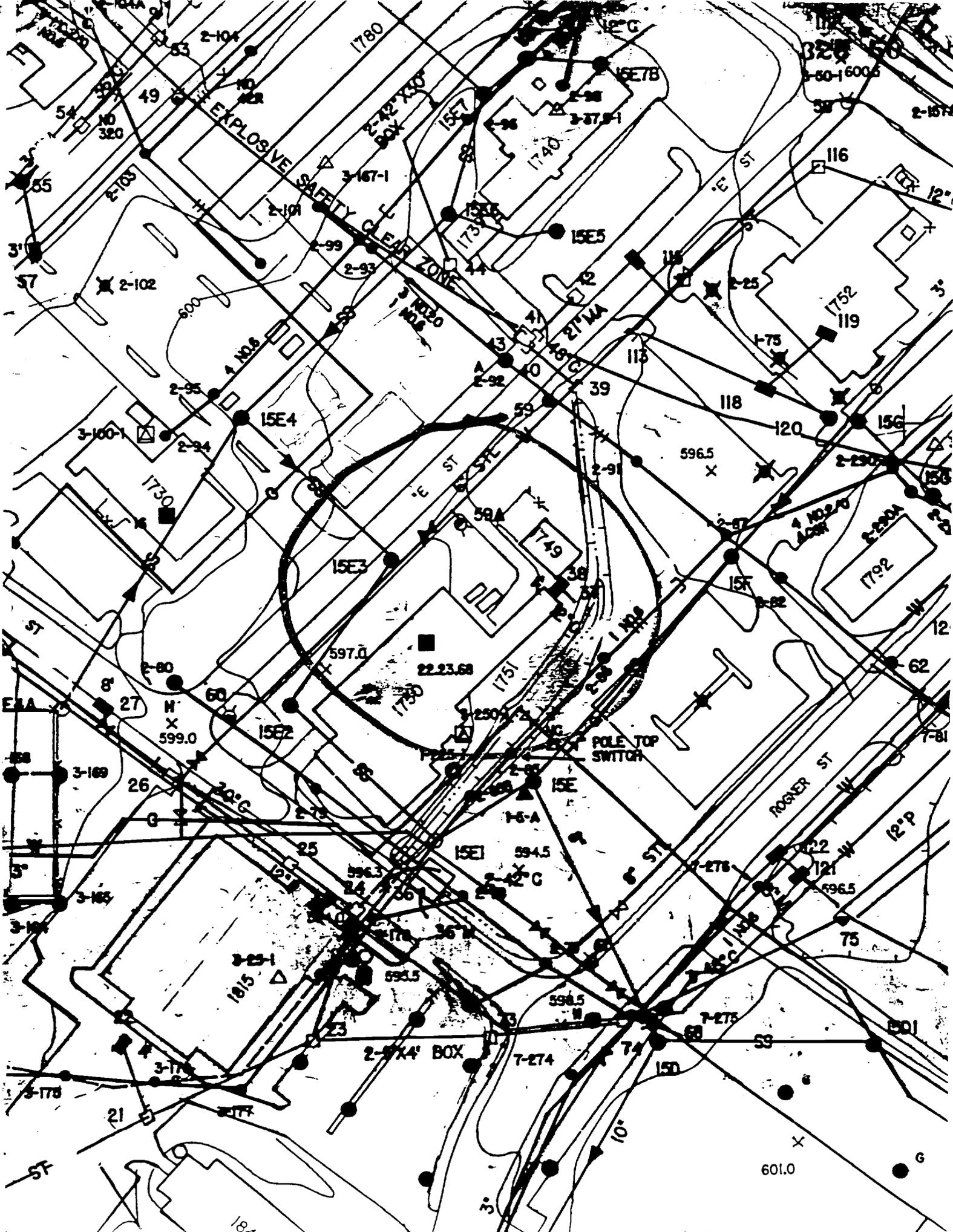
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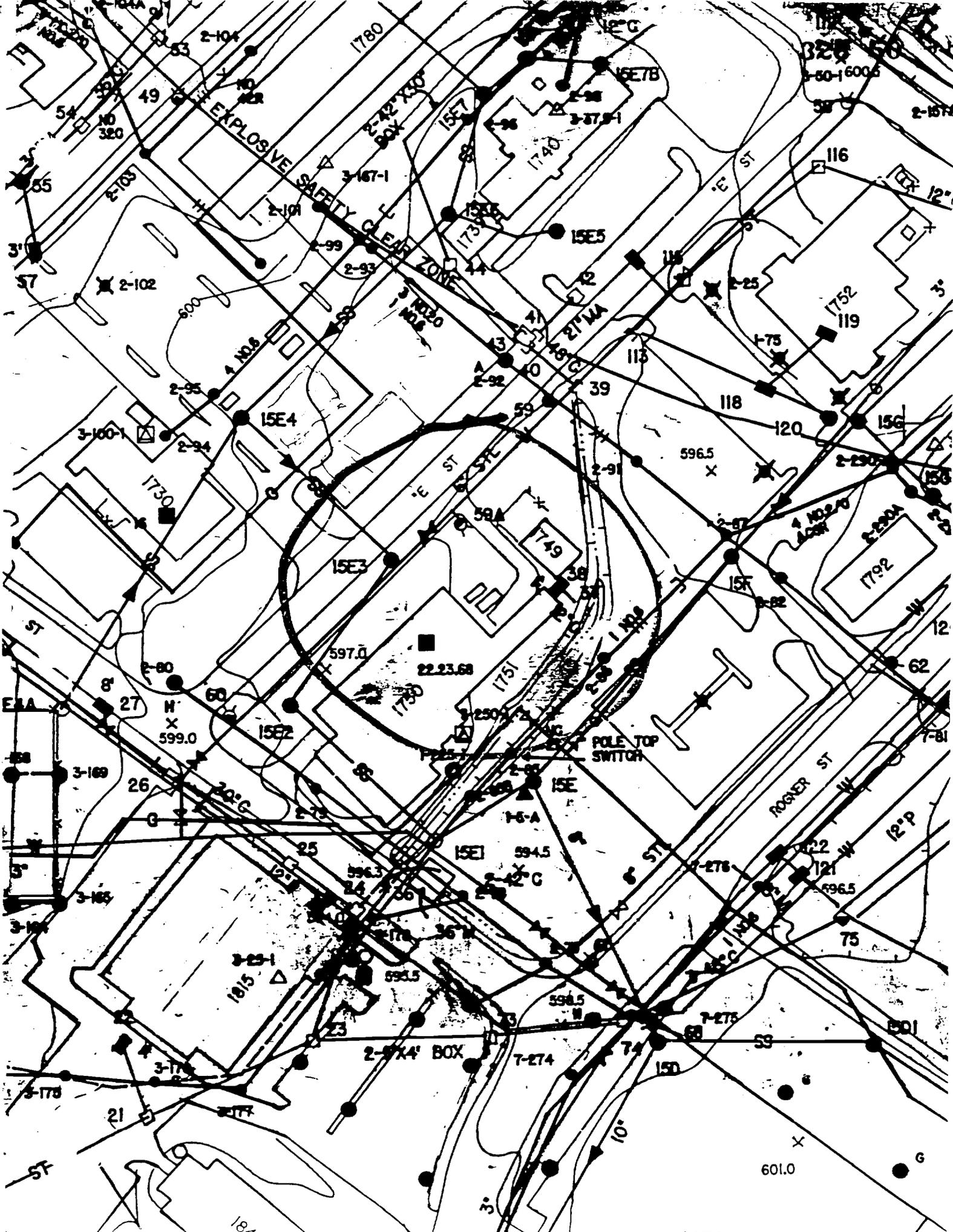
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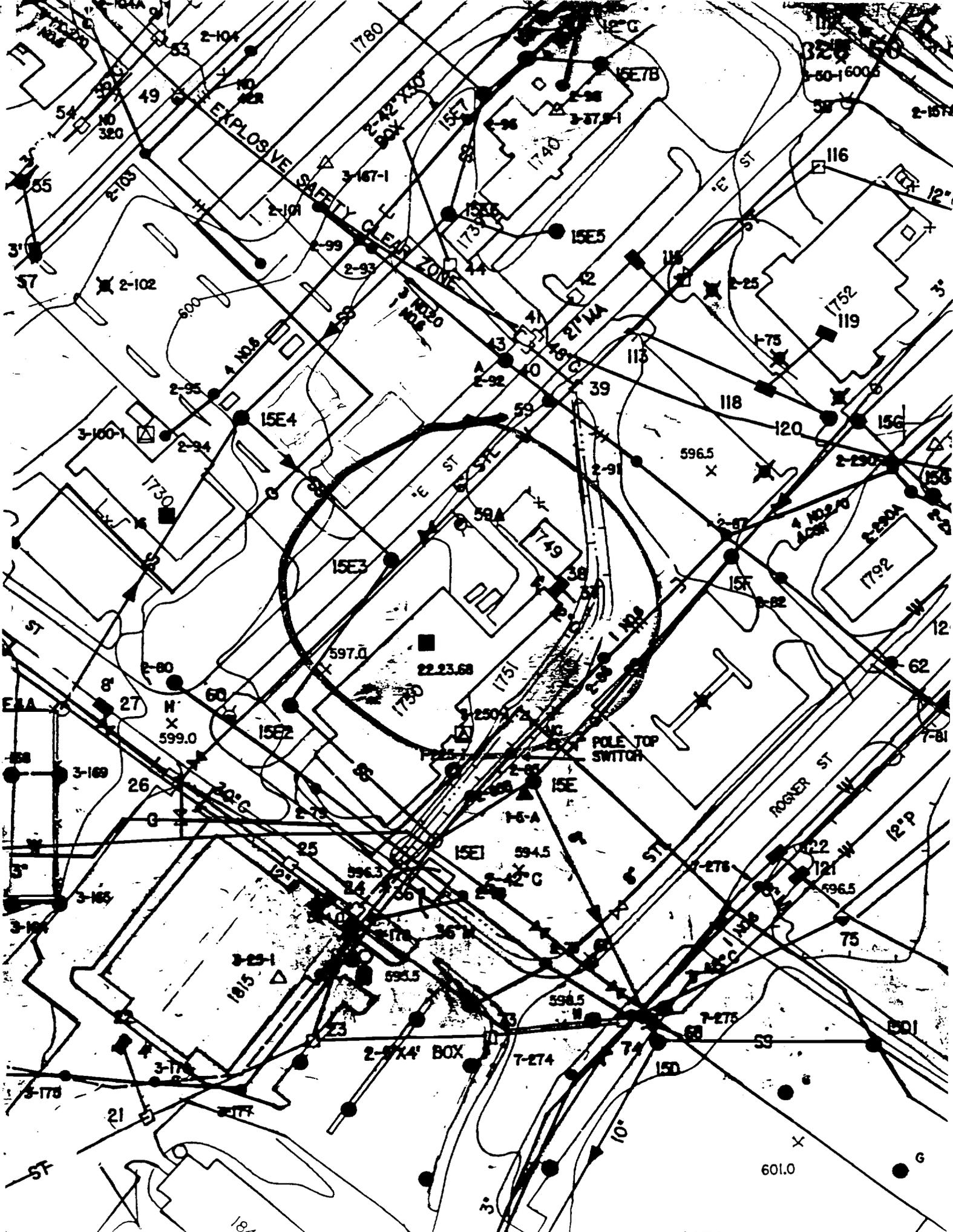
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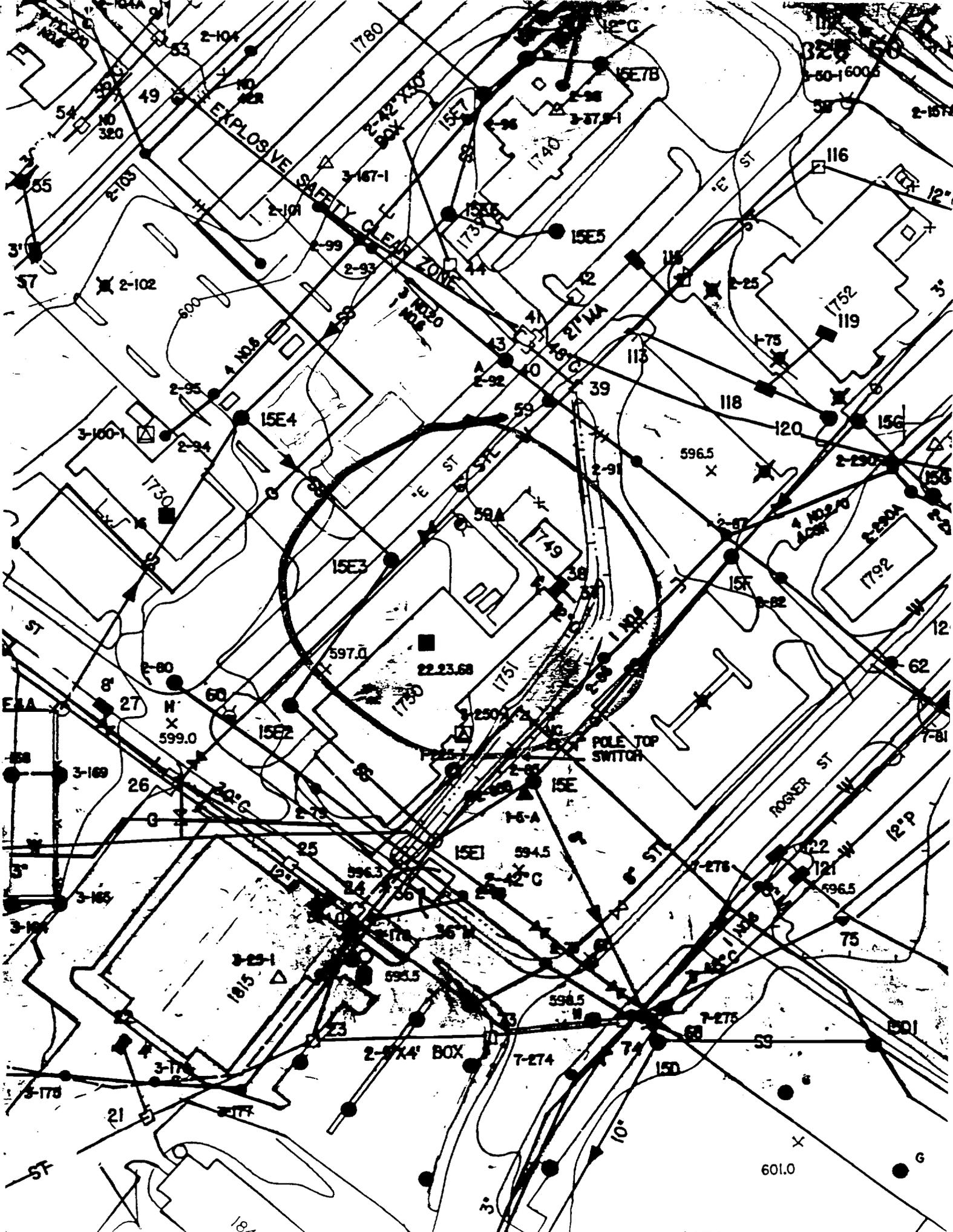
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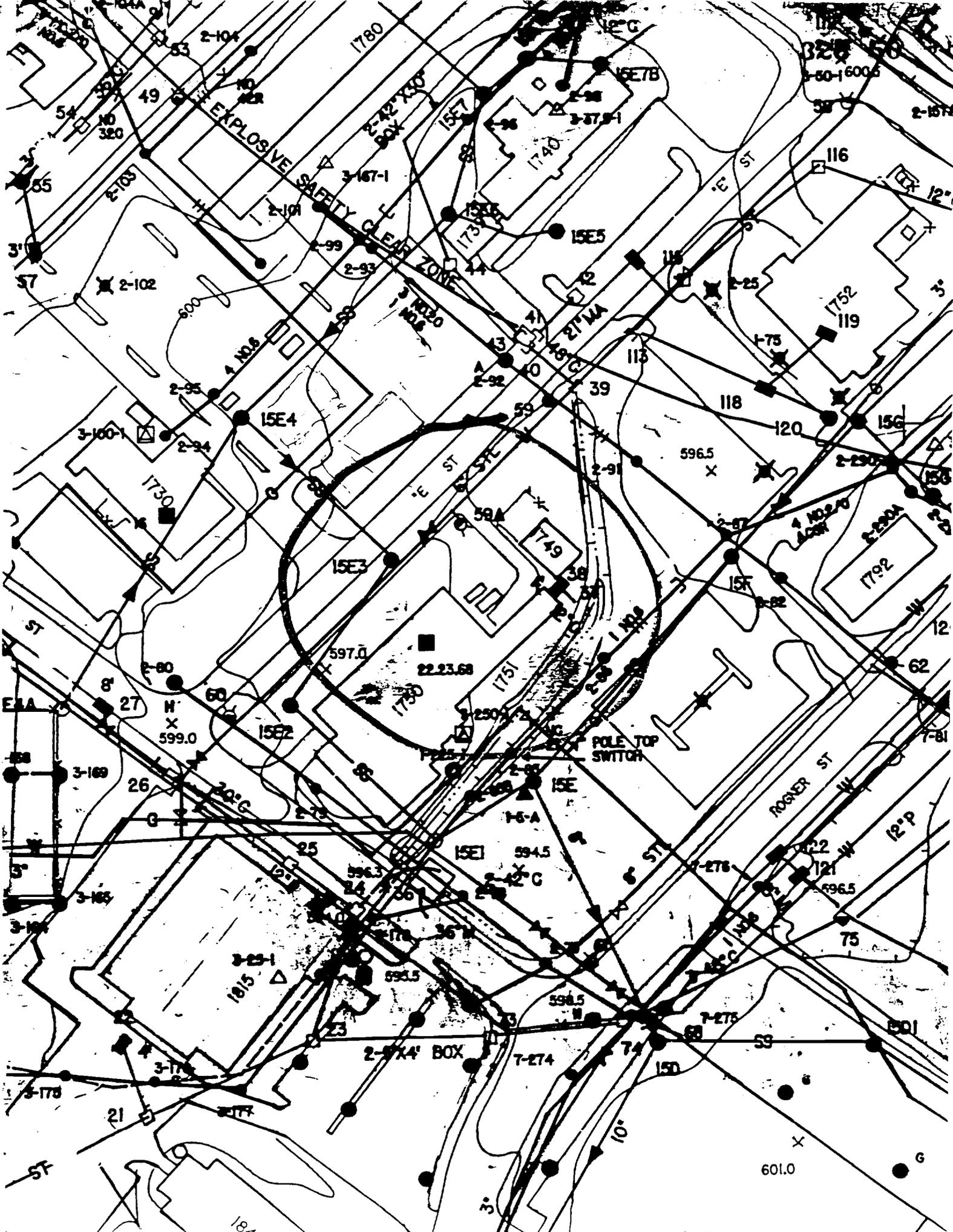
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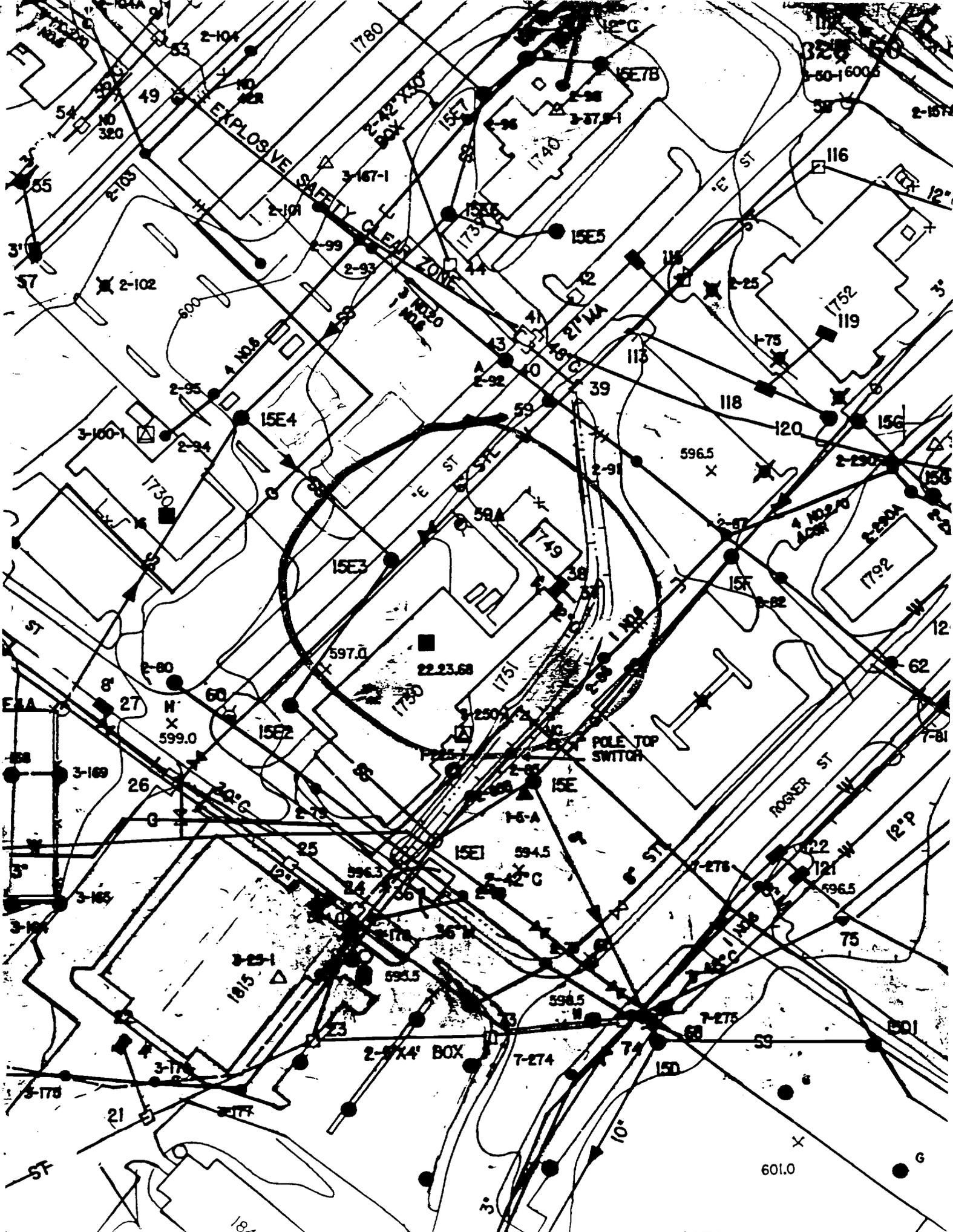
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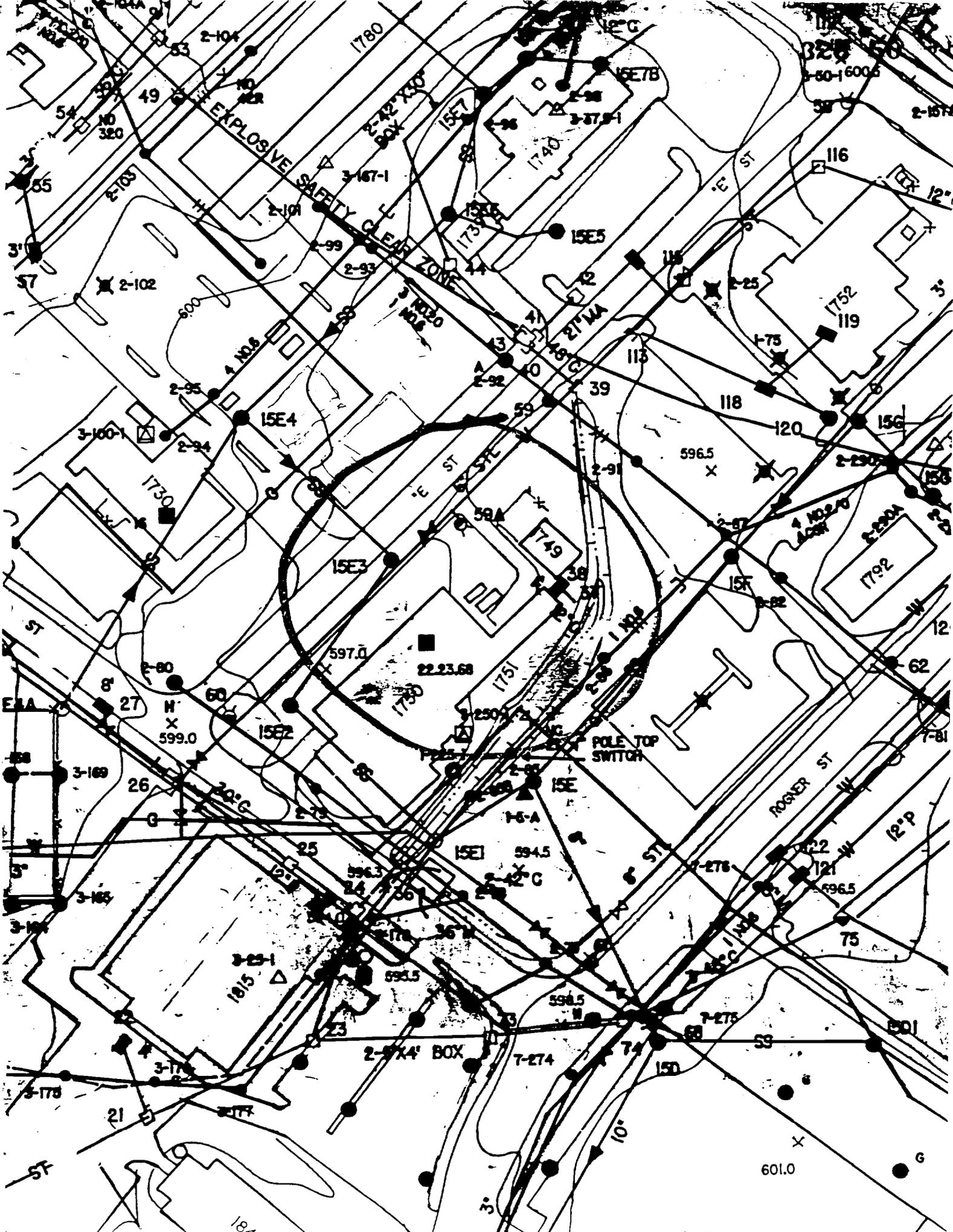
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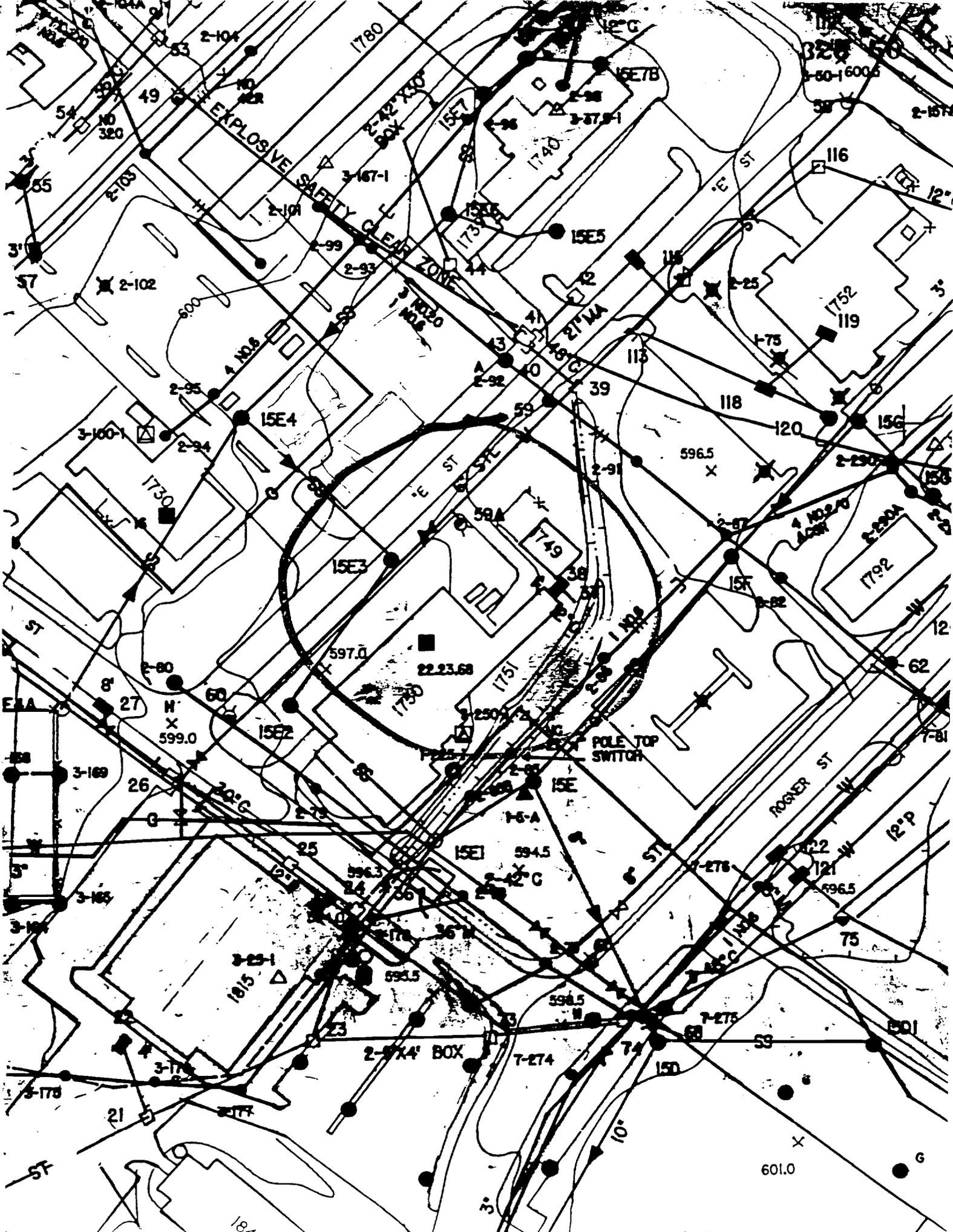
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EXPLOSIVE SAFETY ZONE

POLE TOP SWITCH

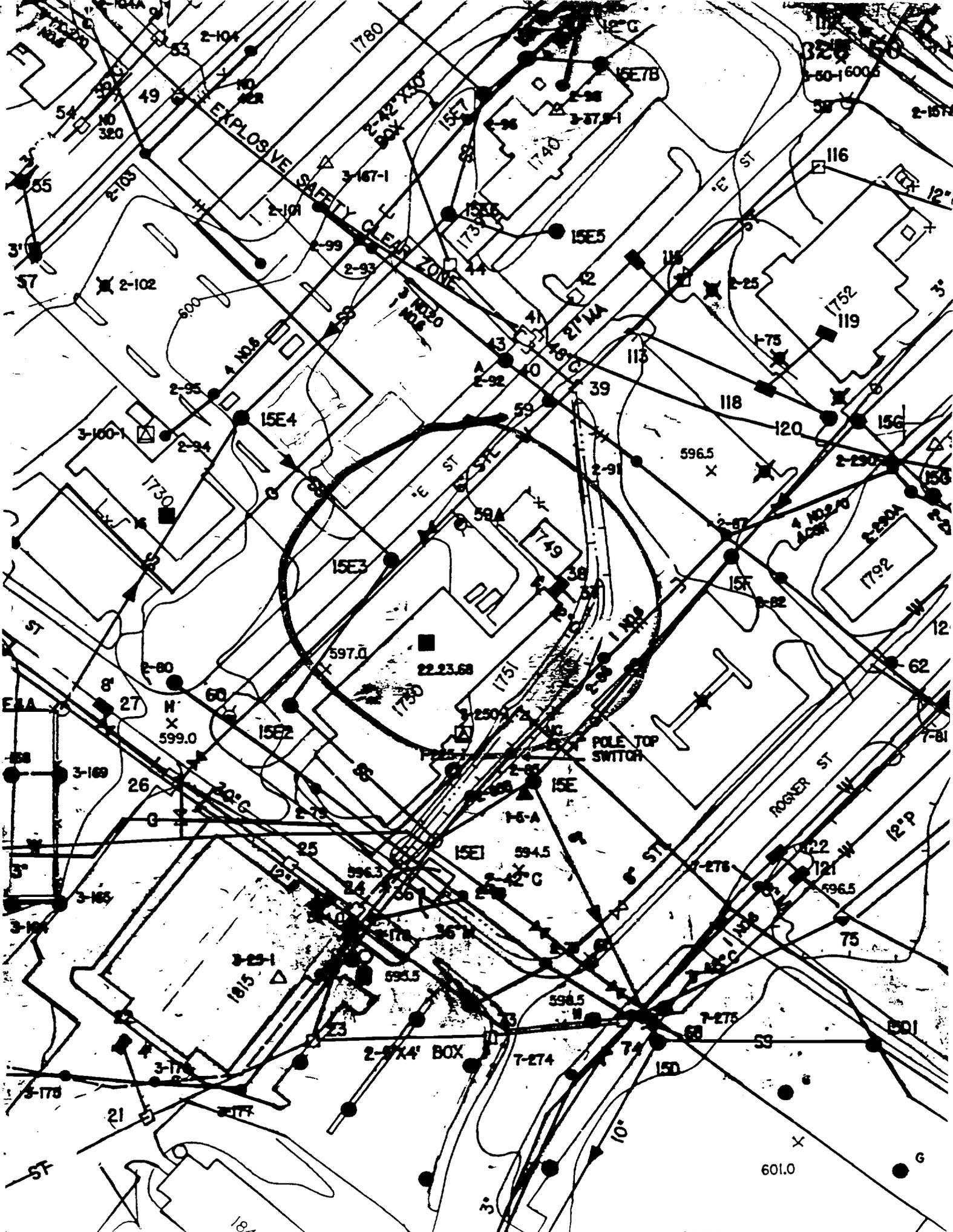
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EXPLOSIVE SAFETY ZONE

POLE TOP SWITCH

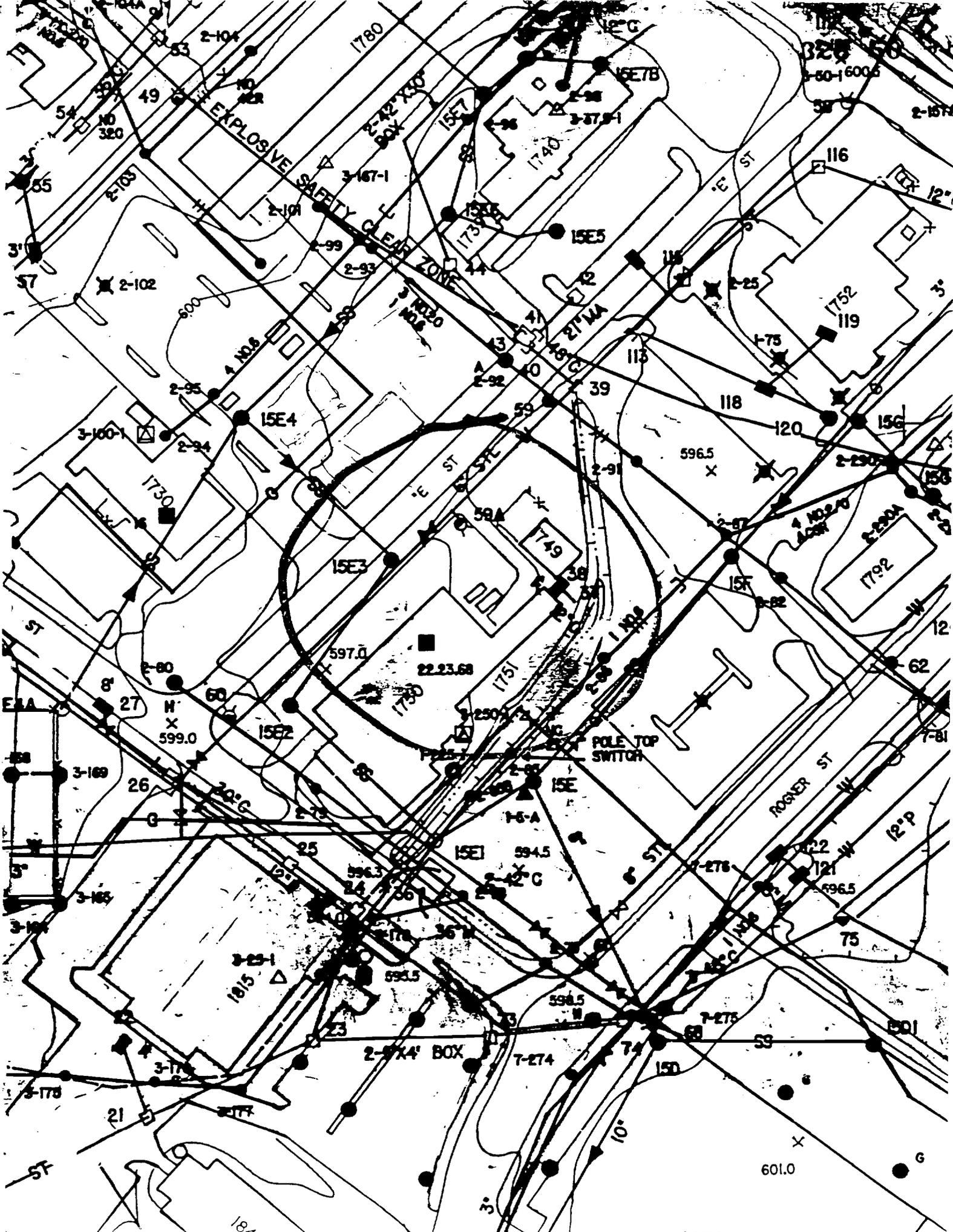
2-5' X 4' BOX



EXPLOSIVE SAFETY ZONE

POLE TOP SWITCH

2-5' X 4' BOX



DIGGING PERMIT

3001  
326

[ ] ROICC INITIATED [ ] PW INITIATED CONTRACT [ ] PW INITIATED IN USE  
THIS FORM MUST BE APPROVED AT LEAST TEN (10) DAYS PRIOR TO DIGGING

CONTRACTOR'S NAME: Continental Service of Texas Beeper 425-9823

CONTRACT NO (IF APPLICABLE): MINUTE OF ALLIANCE TANK 3001

ROAD-FED  
Medical Center  
NAS JRB TX  
14 MAR 91

Request permission to dig in location(s) shown on the attached sketch. This area shall be field marked by the requester before the digging permit is submitted.

Alan L. Flock

AFBCA

Contractor's Representative

Title

Date

(817) 731-5973 x18

ENCLOSURES/DRAWINGS PROVIDED (X)

- |                            |     |                                     |     |
|----------------------------|-----|-------------------------------------|-----|
| (1) SEWER LINE             | (X) | (6) CATHODIC PROTECTION BEDS        | (X) |
| (2) GAS LINE               | (X) | (7) LAWN SPRINKLER SYSTEM           | ( ) |
| (3) WATER LINE             | (X) | (8) TELEPHONE LINES - COMM. OR MIL. | (X) |
| (4) STORM LINE             | ( ) | (9) WEATHERVISION CABLE             | ( ) |
| (5) UNDERGROUND ELECTRICAL | (X) | (10) OTHER (FUEL ETC.)              | (X) |

- Enclosures, as indicated, are provided for the above listed location only. For other locations new permits are required.
- As shown on the drawing(s), underground utilities are in the area and extreme care shall be used while digging or excavating. The drawings do not show exact locations and are to be used as guides only. When in doubt hand digging will be used. For more information have your Government Contractor Representative call Public Works Maintenance (MCD) at 6380.
- Digging hours are between 8:00 AM and 4:00 PM Monday thru Friday. No digging will be permitted outside these hours or on Federal Holidays, except as approved in advance.
- If any utilities are damaged call MCD at 6380 immediately. In case of natural gas or fuel line damage also call the Fire Dept. at 6330. After 4:00 PM call the OOD (Officer on Duty) Beeper No. (817) 493-7836, Base. Ext. 7151, Carswell Inn, Rooms 131 and 132 and have them contact QUEBEC 8.
- Any utilities found that are not on drawings shall be marked on the drawing and returned to the Public Works Engineering Branch.

(817) 737-7237

ROUTING LIST

1. John McManus Jacobs

3. Daniel Bermudez 22 MAR 91  
Engineer Tech. Date

ROICC Construction Rep. or  
PW Contract Surv. Rep. or  
PW Maint. Craftsman/Seabee

4. Bob Williams 25 MAR 91  
301st Communication Date

2. \_\_\_\_\_ Date

5. SABRINA 1183 25 MAR 91  
SW Bell Date

ROICC Project Manager or  
PW Contract Surv. Supv. or  
PW Maint. Foreman/Seabee Supv.

6. Gordon Mills 21 MAR 91  
Supervisory Engineer Date

Mary W. Davis 3-26-91  
DATE

APPROVED / DISAPPROVED

H. Mark J. 3/26/91  
DATE  
METNARD / ATRALS  
MILITARY OWNED CABLES

7. [Signature] 14 MAR 91  
Work Control Asst. (For Distribution) Date



DIGGING PERMIT

INSIDE FIRELINE

4102

[ ] ROICC INITIATED

[ ] PW INITIATED CONTRACT

[ ] PW INITIATED IN-HOUSE

THIS FORM MUST BE APPROVED AT LEAST TEN (10) DAYS PRIOR TO DIGGING

CONTRACTOR'S NAME: Clifford Service of Texas Beeper 425-9823

CONTRACT NO (IF APPLICABLE): REPAIR OF ALLIANCE TANK

Request permission to dig in location(s) shown on the attached sketch. This area shall be field marked by the requester before the digging permit is submitted.

Alan W. Flolo  
Contractor's Representative  
(817) 731-8973 X18

AFICAT  
Title

4102 BOYINGTON  
ATY Ula: 96  
Date  
White Settlement  
ROAD

ENCLOSURES/DRAWINGS PROVIDED (X)

- |                            |     |                                     |     |
|----------------------------|-----|-------------------------------------|-----|
| (1) SEWER LINE             | (X) | (6) CATHODIC PROTECTION BEDS        | (X) |
| (2) GAS LINE               | (X) | (7) LAWN SPRINKLER SYSTEM           | ( ) |
| (3) WATER LINE             | (X) | (8) TELEPHONE LINES - COMM. OR MIL. | (X) |
| (4) STORM LINE             | ( ) | (9) WEATHERVISION CABLE             | ( ) |
| (5) UNDERGROUND ELECTRICAL | (X) | (10) OTHER (FUEL ETC.)              | (X) |

Enclosures, as indicated, are provided for the above listed location only. For other locations new permits are required.

As shown on the drawing(s), underground utilities are in the area and extreme care shall be used while digging or cavating. The drawings do not show exact locations and are to be used as guides only. When in doubt hand digging will be used. For more information have your Government Contractor Representative call Public Works Maintenance (MCD) at 6380.

Digging hours are between 8:00 AM and 4:00 PM Monday thru Friday. No digging will be permitted outside these hours or on Federal Holidays, except as approved in advance.

If any utilities are damaged call MCD at 6380 immediately. In case of natural gas or fuel line damage also call the Fire Dept. at 6330. After 4:00 PM call the OOD (Officer on Duty) Beeper No. (817) 493-7836, Base. Ext. 7151, Shell Inn, Rooms 131 and 132 and have them contact QUEBEC 8.

Any utilities found that are not on drawings shall be marked on the drawing and returned to the Public Works Engineering Branch.

(817) 737-7237

ROUTING LIST

John McManus Jacobs  
 ROICC Construction Rep. or Date  
 PW Contract Surv. Rep. or  
 PW Maint. Craftsman/Seabee

\_\_\_\_\_  
 ROICC Project Manager or Date  
 PW Contract Surv. Supv. or  
 PW Maint. Foreman/Seabee Supv.

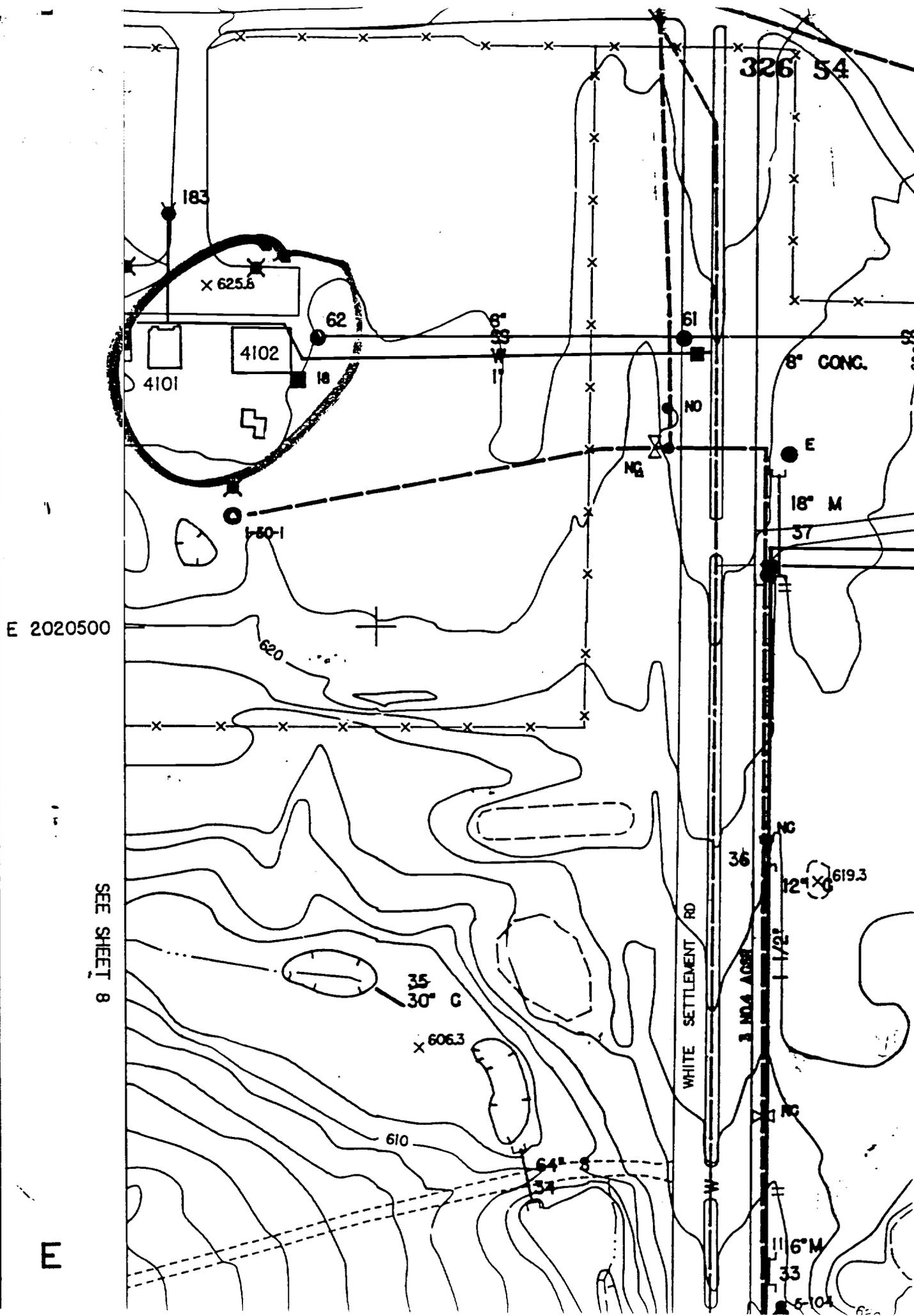
3. Daniel Boemmel 15 Mar 96  
 Engineer Tech. Date
4. R. Williams 15 Mar 96  
 301st Communication Date
5. CLIFF 460130065 18 Mar 96  
 DIG Test SW Bell TEXAS EXC... DATE
6. Gordon C. Miller 15 Mar 96  
 Supervisory Engineer Date

APPROVED / DISAPPROVED

Ray W. Davis 3-19-96  
M & P CABLE LOCATOR DATE

7. [Signature] 14 Mar 96  
Work Control Asst. (For Distribution) Date

To: Dir. CSS or Shop Foreman



E 2020500

SEE SHEET 8

E

326 54

8" CONC.

18" M

WHITE SETTLEMENT RD

3 MO. AGR.

35  
30' C

X 606.3

610

64'

34'

36

12' X 619.3

1 1/2'

36

6' M

33

6-104

Blda 4102  
326 55

WARM  
TAXIWAY

FIRE  
TRAINING  
AREA

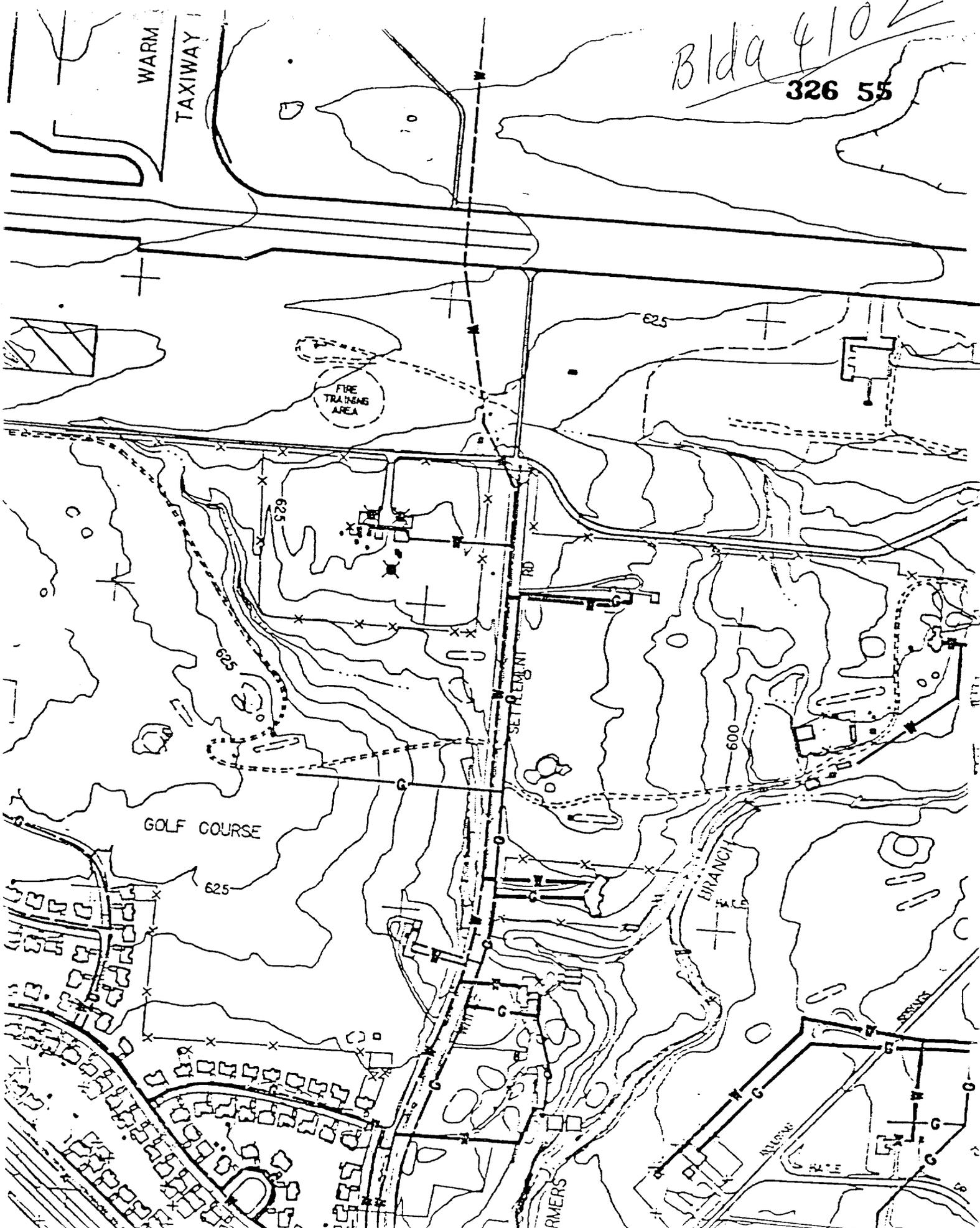
GOLF COURSE

SETLEMENT  
RD

BRANCH

ALONG

RMERS



DIGGING PERMIT

4210 4

609

ROICC INITIATED [ ] PW INITIATED CONTRACT [ ] PW INITIATED INSURE.  
THIS FORM MUST BE APPROVED AT LEAST TEN (10) DAYS PRIOR TO DIGGING

CONTRACTOR'S NAME: Continental Services of Texas Beeper 425-9823

CONTRACT NO (IF APPLICABLE): Removal of Oil Gas Tank

Request permission to dig in location(s) shown on the attached sketch. This area shall be field marked by the requester before the digging permit is submitted.

4210 TAXIWAY 190  
NAS JRB  
14 Mar 96

Alan Wolf  
Contractor's Representative  
(817) 731-8973 x18

AFBCA  
Title  
CARSWELL Date FLD

ENCLOSURES/DRAWINGS PROVIDED (X)

- |                            |     |                                     |     |
|----------------------------|-----|-------------------------------------|-----|
| (1) SEWER LINE             | (X) | (6) CATHODIC PROTECTION BEDS        | (X) |
| (2) GAS LINE               | (X) | (7) LAWN SPRINKLER SYSTEM           | ( ) |
| (3) WATER LINE             | (X) | (8) TELEPHONE LINES - COMM. OR MIL. | (X) |
| (4) STORM LINE             | ( ) | (9) WEATHERVISION CABLE             | ( ) |
| (5) UNDERGROUND ELECTRICAL | (X) | (10) OTHER (FUEL ETC.)              | (X) |

- Enclosures, as indicated, are provided for the above listed location only. For other locations new permits are required.
- As shown on the drawing(s), underground utilities are in the area and extreme care shall be used while digging or excavating. The drawings do not show exact locations and are to be used as guides only. When in doubt hand digging will be used. For more information have your Government Contractor Representative call Public Works Maintenance (MCD) at 6380.
- Digging hours are between 8:00 AM and 4:00 PM Monday thru Friday. No digging will be permitted outside these hours or on Federal Holidays, except as approved in advance.
- If any utilities are damaged call MCD at 6380 immediately. In case of natural gas or fuel line damage also call the Fire Dept. at 6330. After 4:00 PM call the OOD (Officer on Duty) Beeper No. (817) 493-7836, Base. Ext. 7151, Carswell Inn, Rooms 131 and 132 and have them contact QUEBEC 8.

5. Any utilities found that are not on drawings shall be marked on the drawing and returned to the Public Works Engineering Branch.

(817) 737-7237

call this # → 782-  
ROUTING LIST for ESCORT EX 6377

1. John McManus Jacobs  
ROICC Construction Rep. or  
PW Contract Surv. Rep. or  
PW Maint. Craftsman/Seabee  
Date

3. Daniel Bernard 15 Mar 96  
Engineer Tech. Date

4. Bob Williams (Process) 15 Mar 96  
301st Communication Date

2. \_\_\_\_\_  
ROICC Project Manager or  
PW Contract Surv. Supv. or  
PW Maint. Foreman/Seabee Supv.  
Date

5. CLIFF: 960 780 078 18 Mar 96  
SW Bell Date

6. Jordan C. Miller 14 Mar 96  
Supervisory Engineer Date

APPROVED / DISAPPROVED

Mary W. Davis 3-19-96  
SM & F CABLE LOCATION | DATE

7. \_\_\_\_\_ 14 Mar 96  
Work Control Asst. (For Distribution) Date



326 58

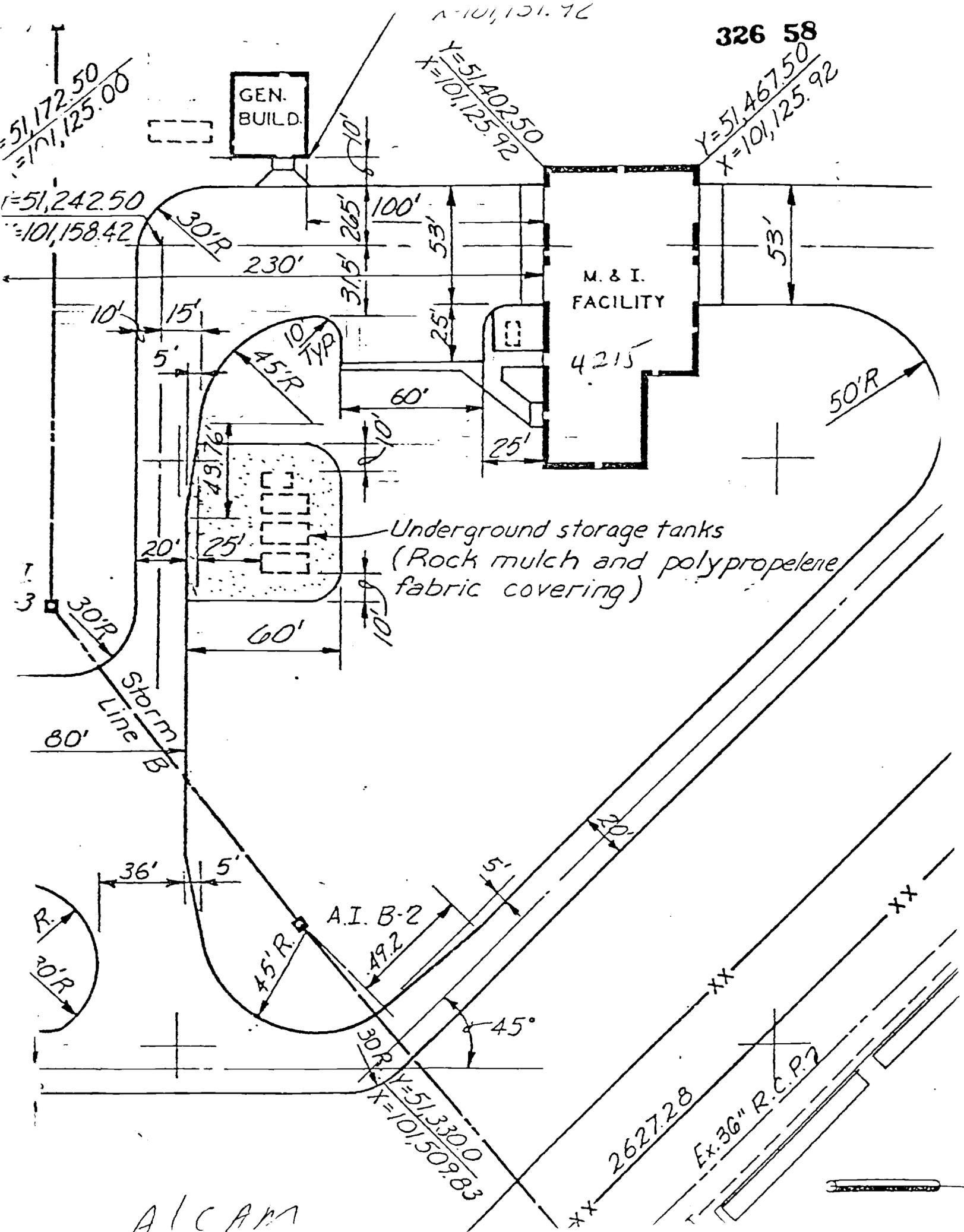
X=101,125.92

Y=51,402.50  
X=101,125.92

Y=51,467.50  
X=101,125.92

Y=51,172.50  
X=101,125.00

Y=51,242.50  
X=101,158.42



Underground storage tanks  
(Rock mulch and polypropylene  
fabric covering)

AICAM

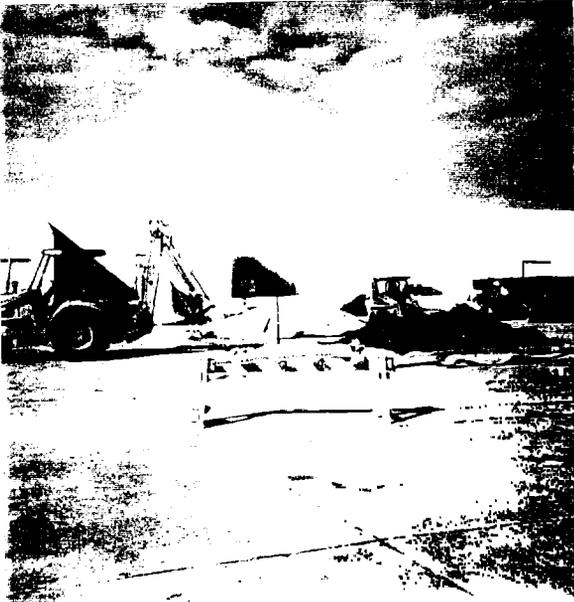
**APPENDIX E**  
**LABORATORY REPORTS**

Laboratory results were reported to Jacobs Engineering Group, Inc.

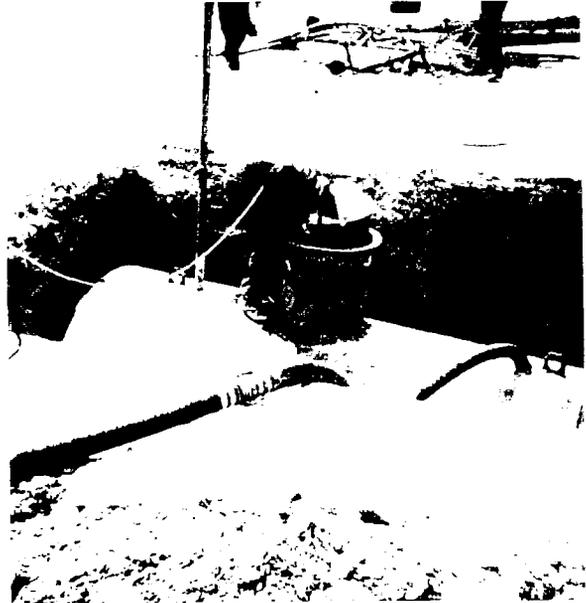
**APPENDIX F**  
**PHOTOGRAPHIC EVIDENCE**

NAS FORT WORTH JRB  
UST EXCAVATION AND REMOVAL  
BUILDING #1411

326 62



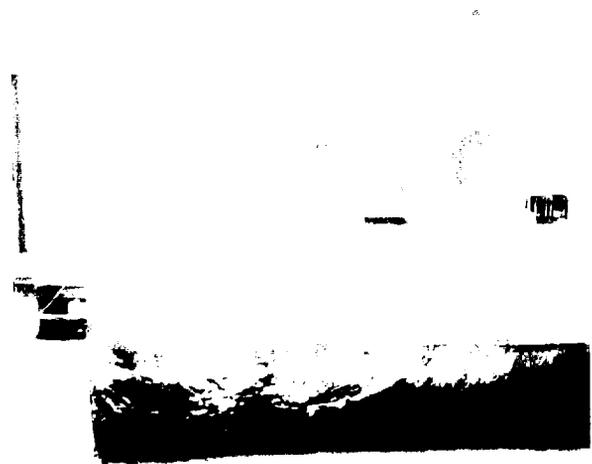
1. Site safety equipment in place at 1411.



2. Removing tank contents and purging operations at 1411.



3. Tank #1411-1 removed & ready for loading. No obvious holes were discovered in the tank.



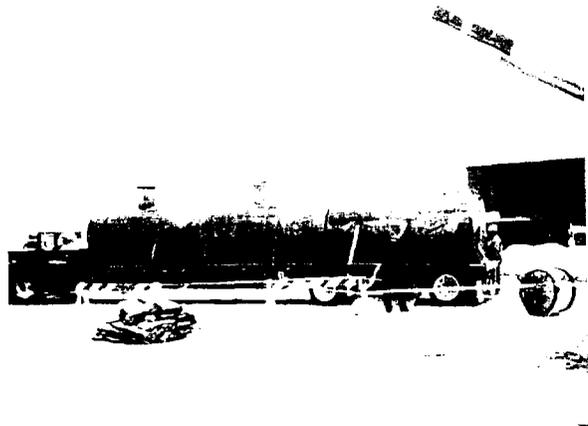
4. Tank #1411-2 removed and ready for loading. No obvious holes were discovered in the tank.

NAS FORT WORTH JRB  
UST EXCAVATION AND REMOVAL  
BUILDING #1411

326 63



5. Tank #1411-3 removed and ready for loading. No obvious holes were discovered in the tank.



6. Tanks #1411-1, 2 & 3 loaded and ready for transport to disposal.



7. Bedding for tank #1411-1. Visible signs of contamination only slight.



8. Bedding for tank #1411-2. Note backfill staining at head of tank.



9. Bedding for tank #1411-3. Note free product in excavation.



10. Impacted soil from 1411 placed on and covered by poly plastic sheeting.



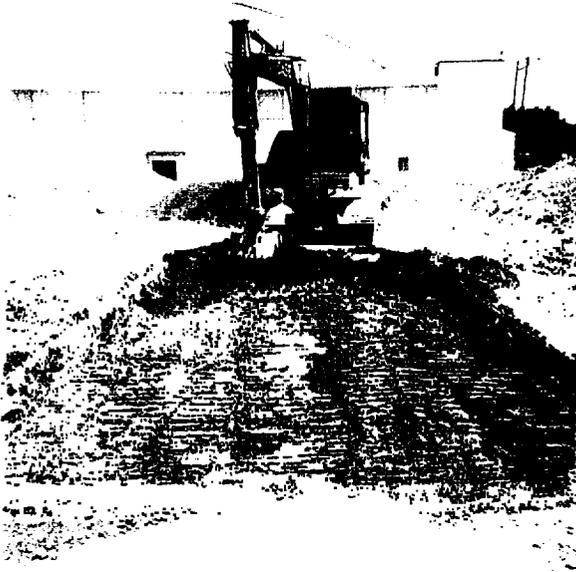
11. Subsequent to overexcavation, a poly plastic sheeting liner was added to maintain separation from the new backfill & the old native soils in tanks 1411-1 & 2 excavation.



12. Subsequent to overexcavation, a poly plastic sheeting liner was added to maintain separation from the new backfill & the old native soils in tank 1411-3 excavation.

NAS FORT WORTH JRB  
UST EXCAVATION AND REMOVAL  
BUILDING #1411

326 65



13. Tanks 1411-1 & 2 backfilling & compaction complete.



14. Tank 1411-3 backfilling & compaction complete.



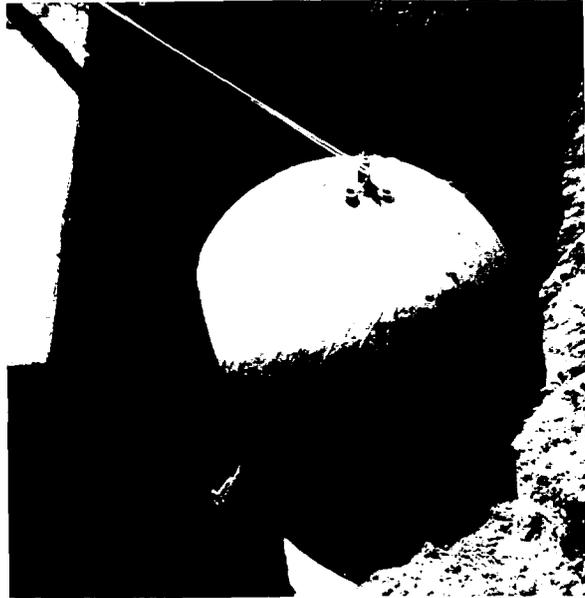
15. Finish grade installed at 1411.

NAS FORT WORTH JRB  
UST EXCAVATION AND REMOVAL  
BUILDING #1518

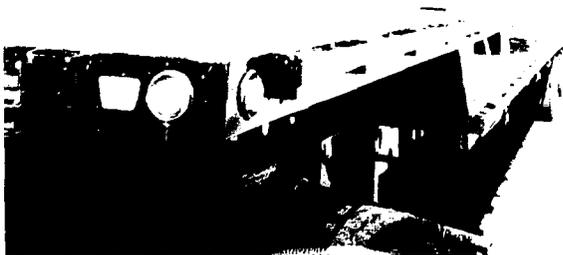
326 66



16. Site safety equipment in place at 1518



17. Tank 1518 ready for removal from the ground.  
Damage to tank was from excavator. No product or  
onsate release occurred.



18. Tanks 1518 & 1750 loaded & ready for transport  
to disposal.



19. 1518 excavation backfilled, compacted & ready  
for finish grade.

NAS FORT WORTH JRB  
UST EXCAVATION AND REMOVAL  
BUILDING #1518

326 67



20. Finish grade installed at 1518.

NAS FORT WORTH  
UST EXCAVATION AND REMOVAL  
BUILDING # 1750

326 68



21. Site safety equipment at 1750.



22. Tank contents emptied & purging 1750.



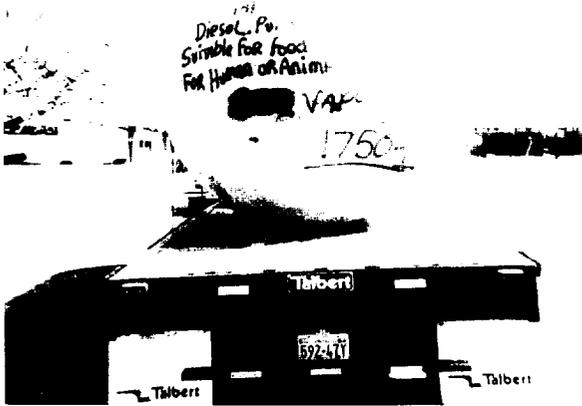
23. Abandoned 20,000 steel tank discovered adjacent to tank 1750-1. Note crossing piping.



24. Manway lid of abandoned tank was removed to ensure that the tank had been abandoned properly. Note concrete fill material. Tank has approximately three inch (3") gap between fill and top of tank.

NAS FORT WORTH  
UST EXCAVATION AND REMOVAL  
BUILDING # 1750

326 69



25. Tank 1750-1 loaded & ready for transport and disposal.



26. Impacted soil at 1750 placed on and covered by poly plastic sheeting.



27. Finish grade installed at 1750. Grass reseeded.

NAS FORT WORTH  
UST EXCAVATION AND REMOVAL  
BUILDING # 3001

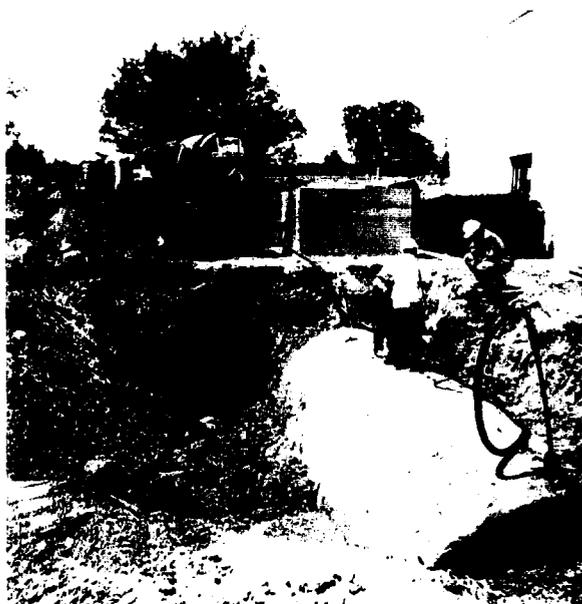
326 70



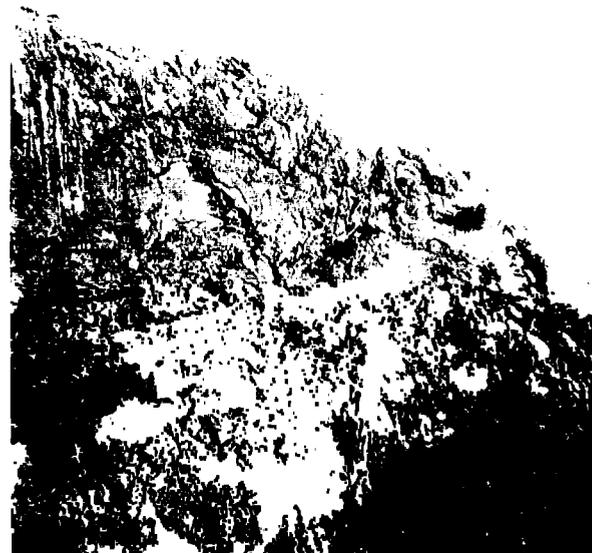
28. Natural gas line located at south end of tank 3001-3.



29. Natural gas line located at north end of tank 3001-3.



30. Tank 3001-3 contents being removed & purged.



31. Advanced corrosion holes in tank 3001-3.

NAS FORT WORTH  
UST EXCAVATION AND REMOVAL  
BUILDING # 3001

326 71



32. Tank 3001-3 loaded & ready for transport to disposal.



33. Piping on poly plastic sheeting ready for loading & transport to disposal with tank.



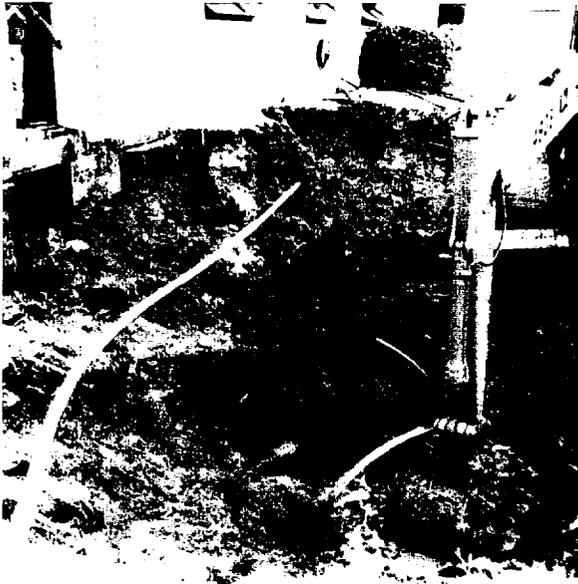
34. Existing grade continuing cave-in due to unstable soil conditions at 3001-3.



35. Visual evidence of walkway & porch movement.

NAS FORT WORTH  
UST EXCAVATION AND REMOVAL  
BUILDING # 3001

326 72



36. Natural gas line relocated & temporarily repaired. Note groundwater incursion at bucket of excavator. Compaction not possible due to excessive moisture in the soil.



37. Lime added to achieve desired compaction & soil stabilization. Desired result achieved successfully. Backfilling continuing without incident.



38. Natural gas line relocated & new installation drawings provided to the Federal Medical Center Carswell. Note firmness of backfill due to tracked vehicular compaction.



39. Finish crushed gravel grade installed at 3001-3.

NAS FORT WORTH  
UST EXCAVATION AND REMOVAL  
BUILDING # 4102

326 73



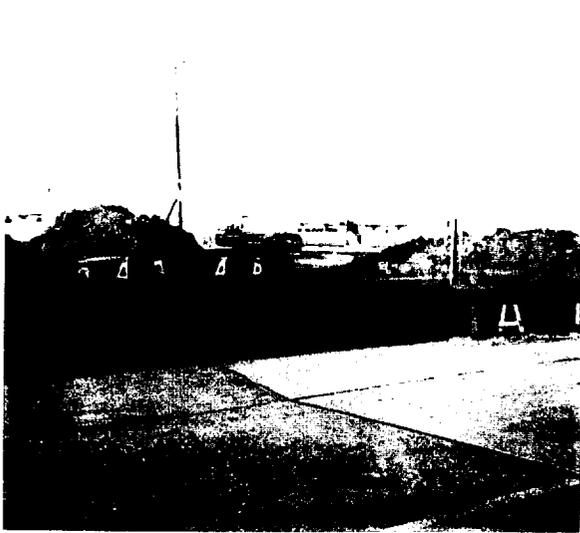
40. Tank 4102 removed & ready for transport to disposal.



41. Finish grade installed at 4102.

NAS FORT WORTH  
UST EXCAVATION AND REMOVAL  
BUILDING # 4210

326 74



42. Site safety equipment in place at 4210.



43. Tank 4210-3 contents being removed & purged.



44. Tank 4210-2 ready for removal.



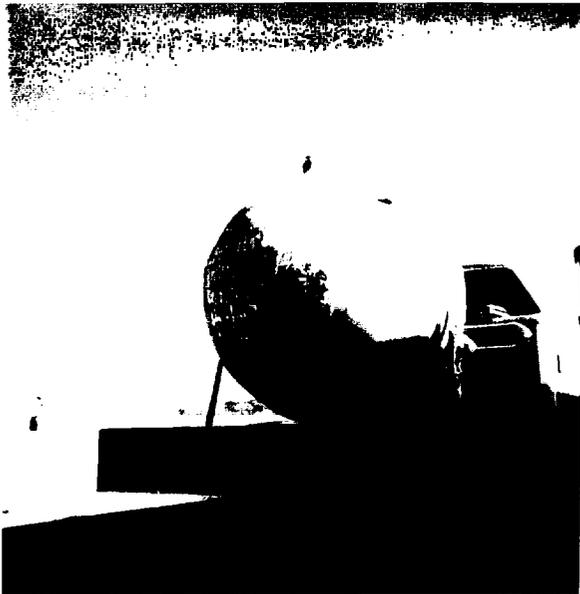
45. Tank 4210-1 removed & ready for loading & transporting to disposal.



46. Tank 4210-2 loaded & ready for transport to disposal.



47. Tank 4210-3 loaded & ready for transport to disposal.



48. Tank 4210-4 loaded & ready for transport to disposal.



49. Piping in JP-10 vault being removed so vault can be demolished.

NAS FORT WORTH  
UST EXCAVATION AND REMOVAL  
BUILDING # 4210

326 76



50. Removing concrete pad at 4210. Pad thickness measured twenty-nine inches (29") at center and 16" at edges.



51. Removing pad at 4210. Note north wall layed back to 22.5 degrees for safe ingress/egress.



52. Sanitary sewer line sections replaced that had to be removed to lay back the north wall. Sewer line removed was asbestos containing material. Line replaced with PVC.



53. Finish grade installed at 4210. Grass reseeded.

**APPENDIX G**  
**RECEIPTS FOR DISPOSABLE LIQUIDS, TANKS AND PIPING**

UST

Unified Services of Texas, Inc.

2110 Greenbriar Drive, Southlake, Texas 76092  
(817) 481-9510; FAX: (817) 488-1729

Manifest # 3896-002-1

Disposal Center Acceptance # 326 78

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

GENERATOR NAME: AFBCA SITE NAME: FMC CARSWELL Power House  
ADDRESS: NAS FT WORTH JTB ADDRESS: NAS FT WORTH JTB  
PHONE NO: (817) 731-8973 ext 12 PHONE NO: (Same)  
WASTE CODE: N/A  
DESCRIPTION OF WASTE: SURPLUS Diesel Fuel

HIGHEST TPH: N/A HIGHEST BTEX: CONTAINS METALS: YES NO  
QUANTITY: 7,400 GAL UNIT: GAL NUMBER OF CONTAINERS: 1 TRANSPORT  
TYPE OF CONTAINER: TRUCK  CARTON BAG OTHER

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL (1) DOES NOT CONTAIN FREE LIQUID AS DEFINED BY 40 CFR 260.10 OR ANY APPLICABLE STATE LAW; (2) IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR 261 OR ANY APPLICABLE STATE LAW; (3) HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED; AND (4) IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

CLARENCE D. HILL Clarence D. Hill 3/13/96  
GENERATOR / AGENT NAME (PRINTED) SIGNATURE DATE SHIPPED  
TRANSPORTER

TRUCK NO: # 929 PHONE NO: (800) 364-2022  
TRANSPORTER: Andrews Transport DRIVER'S NAME: John Caddell  
ADDRESS: VEHICLE LICENSE NO: R36-253

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

Caddell 3/13/96 10:00 AM  
(DRIVER'S SIGNATURE) (DATE / TIME OF LOADING)

IT IS FURTHER CERTIFIED THAT THE ABOVE NAMED MATERIAL WAS DELIVERED TO THE RECYCLING/DISPOSAL FACILITY LISTED BELOW. NO INCIDENT WAS ENCOUNTERED DURING TRANSIT.

3-13-96 (pm)  
(DRIVER'S SIGNATURE) (DATE / TIME OF DELIVERY)

DESTINATION

FACILITY NAME: TEXAS TANK DESTROYAL PHONE NO: (800) 782-6350  
ADDRESS: VENUS, TX

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS ACCEPTED BY THIS FACILITY FOR RECYCLING/DISPOSAL AS APPROPRIATE, AND TO THE BEST OF MY KNOWLEDGE, THE ABOVE INFORMATION IS CORRECT AND ACCURATE.

3/13/96  
(AUTHORIZED FACILITY REPRESENTATIVE) (SIGNATURE) (DATE OF RECEIPT)  
TEXAS TANK

UST

Unified Services of Texas, Inc.

2110 Greenbriar Drive, Southlake, Texas 76092  
(817) 481-9510; FAX: (817) 488-1729

Manifest # 3896-002-2

Disposal Center Acceptance # N/A  
326 79

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

GENERATOR NAME: AFB CA

BLDG 1750; 1411; 4210 + 4102  
SITE NAME: NAS FT WORTH JRB

ADDRESS: NAS FT WORTH JRB

ADDRESS: NAS FT WORTH JRB

PHONE NO: (817) 782-8973 EXT 12

PHONE NO: (SAME)

WASTE CODE: N/A

DESCRIPTION OF WASTE: SURPLUS DIESEL; JP-10 UNLEAD GASOLINE

HIGHEST TPH: N/A HIGHEST BTEX: CONTAINS METALS: YES NO

QUANTITY: 5000 UNIT: GAL NUMBER OF CONTAINERS: 1

TYPE OF CONTAINER: TRUCK [checked] CARTON BAG OTHER

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL (1) DOES NOT CONTAIN FREE LIQUID AS DEFINED BY 40 CFR 260.10 OR ANY APPLICABLE STATE LAW; (2) IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR 261 OR ANY APPLICABLE STATE LAW; (3) HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED; AND (4) IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

CLARENCE D. HILL GENERATOR / AGENT NAME (PRINTED) [Signature] TRANSPORTER SIGNATURE 3/13/96 DATE SHIPPED

TRUCK NO: 929 PHONE NO: (800) 364-2022  
TRANSPORTER: ANDREWS TRANSPORT DRIVER'S NAME: JOHN CADDLE  
ADDRESS: VEHICLE LICENSE NO: R36-253

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

[Signature] (DRIVER'S SIGNATURE) 3/13/96 1600 (DATE / TIME OF LOADING)

IT IS FURTHER CERTIFIED THAT THE ABOVE NAMED MATERIAL WAS DELIVERED TO THE RECYCLING/DISPOSAL FACILITY LISTED BELOW. NO INCIDENT WAS ENCOUNTERED DURING TRANSIT.

[Signature] (DRIVER'S SIGNATURE) 3-1396 2000 (DATE / TIME OF DELIVERY)

DESTINATION

FACILITY NAME: TEXAS TANK DESTROYAL PHONE NO: (800) 782-6350  
ADDRESS: VENUS, TEXAS

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS ACCEPTED BY THIS FACILITY FOR RECYCLING/DISPOSAL AS APPROPRIATE, AND TO THE BEST OF MY KNOWLEDGE, THE ABOVE INFORMATION IS CORRECT AND ACCURATE.

TEXAS TANK DESTROYAL (AUTHORIZED FACILITY REPRESENTATIVE) [Signature] (SIGNATURE) 3/13/96 (DATE OF RECEIPT)

NON-HAZARDOUS WASTE MANIFEST  
GENERATOR

GENERATOR NAME: NAS FT WORTH JRB SITE NAME: BLDGs 1518 + 1750  
ADDRESS: NAS FT WORTH JRB ADDRESS: (SAME)  
PHONE NO: (817) 731-8973 EXT 19 PHONE NO: \_\_\_\_\_  
WASTE CODE: N/A  
DESCRIPTION OF WASTE: (1) 8,000 GAL & (1) 600 GAL SURPLUS UST

HIGHEST TPH: 4% HIGHEST BTEX: \_\_\_\_\_ CONTAINS METALS: YES \_\_\_\_\_ NO   
QUANTITY: 02 UNIT: EA NUMBER OF CONTAINERS: 20-1  
TYPE OF CONTAINER: TRUCK  CARTON \_\_\_\_\_ BAG \_\_\_\_\_ OTHER \_\_\_\_\_

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL (1) DOES NOT CONTAIN FREE LIQUID AS DEFINED BY 40 CFR 260.10 OR ANY APPLICABLE STATE LAW; (2) IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR 261 OR ANY APPLICABLE STATE LAW; (3) HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED; AND (4) IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

CLARENCE D. HILL Clarence D. Hill 3/21/96  
GENERATOR / AGENT NAME (PRINTED) SIGNATURE DATE SHIPPED  
TRANSPORTER

TRUCK NO: 002 PHONE NO: (800) 7  
TRANSPORTER: TEXAS TANK DESTROYAL DRIVER'S NAME: PERRY ALEXANDER JR.  
ADDRESS: VENUS, TEXAS 76084 VEHICLE LICENSE NO: R37006  
(PRINTED)

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

Perry Alexander Jr 3/21/96 1445  
(DRIVER'S SIGNATURE) (DATE / TIME OF LOADING)

IT IS FURTHER CERTIFIED THAT THE ABOVE NAMED MATERIAL WAS DELIVERED TO THE RECYCLING/DISPOSAL FACILITY LISTED BELOW. NO INCIDENT WAS ENCOUNTERED DURING TRANSIT.

Perry Alexander Jr 3/21/96  
(DRIVER'S SIGNATURE) (DATE / TIME OF DELIVERY)

DESTINATION

FACILITY NAME: TEXAS TANK DESTROYAL PHONE NO: (800) 782-6350  
ADDRESS: 2500 FM 1807, VENUS, TX 76084

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS ACCEPTED BY THIS FACILITY FOR RECYCLING/DISPOSAL AS APPROPRIATE, AND TO THE BEST OF MY KNOWLEDGE, THE ABOVE INFORMATION IS CORRECT AND ACCURATE.

Perry Alexander Jr Perry Alexander Jr 3/21/96  
(AUTHORIZED FACILITY REPRESENTATIVE) (SIGNATURE) (DATE OF RECEIPT)

UST

Unified Services of Texas, Inc.

Manifest # 3896-002-3

2110 Greenbriar Drive, Southlake, Texas 76092  
(817) 481-9510; FAX: (817) 488-1729

Disposal Center Acceptance 2/1/81  
**326 81**

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

GENERATOR NAME: NAS FT WORTH JRB SITE NAME: # 1411 E 4102  
ADDRESS: NAS FT WORTH JRB ADDRESS: NAS FT WORTH JRB  
PHONE NO: (817) 737-7237 PHONE NO: (817) 737-7237

WASTE CODE: N/A  
DESCRIPTION OF WASTE: (3) Surplus 2,000 GAL E (1) Surplus 350 GAL STEEL TANKS

HIGHEST TPH: N/A HIGHEST BTEX: \_\_\_\_\_ CONTAINS METALS: YES \_\_\_\_\_ NO   
QUANTITY: 4 EA UNIT: TANKS NUMBER OF CONTAINERS: 4 EA 1  
TYPE OF CONTAINER: TRUCK  CARTON \_\_\_\_\_ BAG \_\_\_\_\_ OTHER \_\_\_\_\_

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL (1) DOES NOT CONTAIN FREE LIQUID AS DEFINED BY 40 CFR 260.10 OR ANY APPLICABLE STATE LAW; (2) IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR 261 OR ANY APPLICABLE STATE LAW; (3) HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED; AND (4) IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

CLARENCE D. HILL Clarence D. Hill 3/26/96  
GENERATOR / AGENT NAME (PRINTED) SIGNATURE DATE SHIPPED  
TRANSPORTER

TRUCK NO: 002 PHONE NO: (800) 782-6350  
TRANSPORTER: TEXAS TANK DESTROYAL DRIVER'S NAME: P. ALEXANDER, JR.  
ADDRESS: VENUS, TX 76084 VEHICLE LICENSE NO: R36009 (PRINTED)

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.  
P. J. Alexander, Jr. 3/26/96 1515  
(DRIVER'S SIGNATURE) (DATE / TIME OF LOADING)

IT IS FURTHER CERTIFIED THAT THE ABOVE NAMED MATERIAL WAS DELIVERED TO THE RECYCLING/DISPOSAL FACILITY LISTED BELOW. NO INCIDENT WAS ENCOUNTERED DURING TRANSIT.  
P. J. Alexander, Jr. 3/28/96 1630  
(DRIVER'S SIGNATURE) (DATE / TIME OF DELIVERY)

DESTINATION

FACILITY NAME: TEXAS TANK DESTROYAL PHONE NO: (800) 782-6350  
ADDRESS: P.O. Box 367, 2500 FM 1802, VENUS, TX 76084

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS ACCEPTED BY THIS FACILITY FOR RECYCLING/DISPOSAL AS APPROPRIATE, AND TO THE BEST OF MY KNOWLEDGE, THE ABOVE INFORMATION IS CORRECT AND ACCURATE.  
P. J. ALEXANDER, JR. P. J. Alexander, Jr. 3/26/96  
(AUTHORIZED FACILITY REPRESENTATIVE) (SIGNATURE) (DATE OF RECEIPT)

UST

Unified Services of Texas, Inc.

2110 Greenbriar Drive, Southlake, Texas 76092  
(817) 481-9510; FAX: (817) 488-1729

Manifest # 3896-002-04

Disposal Center Acceptance # 326 82

NON-HAZARDOUS WASTE MANIFEST  
GENERATOR

GENERATOR NAME: NAS FT WORTH JRB SITE NAME: BLDG 4210  
ADDRESS: NAS FT WORTH JRB ADDRESS: (SAME)  
PHONE NO: (817) 731-8973 EXT 18 PHONE NO: (SAME)

WASTE CODE: N/A  
DESCRIPTION OF WASTE: (3) 8,000 FRP + (1) 2,000 GAL FRP USTA  
(SURPLUS)

HIGHEST TPH: N/A HIGHEST BTEX: N/A CONTAINS METALS: YES NO ✓  
QUANTITY: 2 UNIT: TRUCK NUMBER OF CONTAINERS: 1  
TYPE OF CONTAINER: TRUCK ✓ CARTON BAG OTHER

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL (1) DOES NOT CONTAIN FREE LIQUID AS DEFINED BY 40 CFR 260.10 OR ANY APPLICABLE STATE LAW; (2) IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR 261 OR ANY APPLICABLE STATE LAW; (3) HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED; AND (4) IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

Unified Services of TX, Inc  
CLARENCE D. HILL, Pres Clarence D. Hill 4/1/96  
GENERATOR / AGENT NAME (PRINTED) SIGNATURE DATE SHIPPED

TRANSPORTER

TRUCK NO: 001 + 002 PHONE NO: (800) 782-6350  
TRANSPORTER: TEXAS TANK DESTROYAL DRIVER'S NAME: P.J. ALEXANDER / KYLE COOK  
ADDRESS: VENUS, TX VEHICLE LICENSE NO: 2CJ382 / R37006  
(PRINTED) 001 002

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

001 Kyle Cook 4/1/96 1640  
002 P.J. Alexander Jr (DRIVER'S SIGNATURE) (DATE / TIME OF LOADING)

IT IS FURTHER CERTIFIED THAT THE ABOVE NAMED MATERIAL WAS DELIVERED TO THE RECYCLING/DISPOSAL FACILITY LISTED BELOW. NO INCIDENT WAS ENCOUNTERED DURING TRANSIT.

001 Kyle Cook 4/1/96 1800  
002 P.J. Alexander Jr (DRIVER'S SIGNATURE) (DATE / TIME OF DELIVERY)

DESTINATION

FACILITY NAME: TEXAS TANK DESTROYAL PHONE NO: (800) 782-6350  
ADDRESS: VENUS, TEXAS

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS ACCEPTED BY THIS FACILITY FOR RECYCLING/DISPOSAL AS APPROPRIATE, AND TO THE BEST OF MY KNOWLEDGE, THE ABOVE INFORMATION IS CORRECT AND ACCURATE.

P.J. Alexander, Jr P.J. Alexander Jr 4/1/96  
(AUTHORIZED FACILITY REPRESENTATIVE) (SIGNATURE) (DATE OF RECEIPT)

UST

Unified Services of Texas, Inc.

2110 Greenbriar Drive, Southlake, Texas 76092  
(817) 481-9510; FAX: (817) 488-1729

Manifest # 1

Disposal Center Acceptance # 326 83

NON-HAZARDOUS WASTE MANIFEST  
GENERATOR

GENERATOR NAME: FMC SITE NAME: FEDERAL MEDICAL CENTER  
ADDRESS: NAS / FLOWERS ADDRESS: \_\_\_\_\_  
PHONE NO: 817 481-9510 PHONE NO: \_\_\_\_\_  
WASTE CODE: \_\_\_\_\_

DESCRIPTION OF WASTE: ISSOL # 2 Fuel

HIGHEST TPH: \_\_\_\_\_ HIGHEST BTEX: \_\_\_\_\_ CONTAINS METALS: YES \_\_\_\_\_ NO \_\_\_\_\_  
QUANTITY: 7600 gal UNIT: \_\_\_\_\_ NUMBER OF CONTAINERS: \_\_\_\_\_  
TYPE OF CONTAINER: TRUCK  CARTON \_\_\_\_\_ BAG \_\_\_\_\_ OTHER \_\_\_\_\_

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL (1) DOES NOT CONTAIN FREE LIQUID AS DEFINED BY 40 CFR 260.10 OR ANY APPLICABLE STATE LAW; (2) IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR 261 OR ANY APPLICABLE STATE LAW; (3) HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED; AND (4) IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

GENERATOR / AGENT NAME (PRINTED) \_\_\_\_\_ SIGNATURE \_\_\_\_\_ DATE SHIPPED \_\_\_\_\_  
TRANSPORTER

TRUCK NO: 929 PHONE NO: 468 6000  
TRANSPORTER: Andrews DRIVER'S NAME: CADELL  
ADDRESS: 5400 Old Denton Hwy. Ft. Worth, TX (PRINTED) VEHICLE LICENSE NO: 1JF 211

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

[Signature] (DRIVER'S SIGNATURE) 5/2/96 (DATE / TIME OF LOADING) SJW

IT IS FURTHER CERTIFIED THAT THE ABOVE NAMED MATERIAL WAS DELIVERED TO THE RECYCLING/DISPOSAL FACILITY LISTED BELOW. NO INCIDENT WAS ENCOUNTERED DURING TRANSIT.

\_\_\_\_\_  
(DRIVER'S SIGNATURE) DESTINATION (DATE / TIME OF DELIVERY)

FACILITY NAME: \_\_\_\_\_ PHONE NO: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_

CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS ACCEPTED BY THIS FACILITY FOR RECYCLING/DISPOSAL AS APPROPRIATE, AND TO THE BEST OF MY KNOWLEDGE, THE ABOVE INFORMATION IS CORRECT AND ACCURATE.

[Signature] (AUTHORIZED FACILITY REPRESENTATIVE) (SIGNATURE) 5/2/96 (DATE OF RECEIPT)

E.P.A.  
TXD982759748-L  
TXD988036026-S



ProCycle Oil, Inc.  
Corporate Office  
320 Scroggins Road  
Springtown, Texas 76082



FAX 817-523-2889

326 84

TNRCC  
85276-L  
85159-S  
85290-O

800-628-1445

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Generator: 53065  
Name: Unified Services of Texas  
Address: Carswell Base 1518  
City: Ft Worth State: Tx Zip: \_\_\_\_\_

Ticket No: 110056

Date: 3-13-96

Contact: Dan Phone: 817-481-9510

On Acct (A/P) \_\_\_\_\_ Invoiced (A/R)  P.O. # \_\_\_\_\_  
No Charge \_\_\_\_\_ Check from Generator \_\_\_\_\_ Driver Pay \_\_\_\_\_  
Unit Price (gal) \$0.35 Net Amount \_\_\_\_\_

Driver: Charles Mize Truck # 46 Trailer # \_\_\_\_\_  
Arrival Time: 7:30 Odometer: 724651  
Departure Time: 8:30 Trip No: 6202

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations. I hereby certify that to the best of my knowledge, this company and facility does not generate wastes that would require submittals of a Special Waste Disposal Request Form. Additionally, upon generating such wastes, we will notify ProCycle, Inc. and submit all requested forms. Disposal of such materials will be performed upon approval of forms by ProCycle, Incorporated. TERMS NET 30  
Emergency Response Numbers National 1-800-424-8802  
T.N.R.C.C. 512-239-1000

Classification: CLASS I NON-HAZARDOUS 0000

Product: Oil Water Volume: 225 Gallons  
Remarks

Yard Destination: Springtown Tx

I hereby certify that the above description is complete and accurate to the best of my knowledge and ability to determine. That no deliberate or willfull omissions of compositions or properties exists and that the waste is not designated a hazardous waste by the USEPA or any state agency pursuant to the RCRA of 1976 or contains PCBs regulated by TSCA. 40 CFR 761.

Received FROM: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: Don Lawry

Used oil contained within non-hazardous special waste collected in Louisiana is subject to regulation by the Louisiana Department of Environmental Quality under LAC Gov. Chapter 41, Subchapter C.

REV. 941014

# MOBLEY COMPANY UST REMEDIATION FLUID / OFF-SPECIFICATION PRODUCT MANIFEST

326  
81193 85

## CHARACTERIZATION INFORMATION

Generating Facility Name: NAS FT WORTH JAB  
Generating Facility Address: BLOK. 4210 A  
Business Name: AFBCA NAS FTW; UNITED SERVICES OF TEXAS INC.  
Mailing Address: 3110 GREENBRIAR DR, SOUTH LAKE, TX 76092  
Telephone  Generator  Consultant/Contractor (817) 481-9510  
Consultant or Contractor Name/Contact: C. DAN HILL

Process Generating the Fluid (Check the Appropriate Fluid Category and Type):

### Underground Storage Tank Remediation/Corrective Action

- Unleaded Gasoline
- Diesel
- Aviation Fuel & WATER
- Tank Hold Evacuation
- UST Monitoring Well Fluid

### Off-Specification Product

- Maintenance of PST
- Unleaded Gasoline
- Diesel
- Aviation Fuel
- Fuel Oil
- Spill Response
- Unleaded Gasoline
- Diesel
- Aviation Fuel
- Fuel Oil

Total Quantity (Gallons): Bulk  5005 GAL (49") Drum Evacuation ( )

I certify that the material removed from the above premises is not hazardous waste as identified in 40 CFR Part 261, and does not contain spent solvents or PCBs as identified in 40 CFR Part 761.

Generator Representative or  
 Consultant/Contractor (Print) Flamora D. Hill Title: President  
Signature: [Signature] Date of Service: 3-14-96

## TRANSPORTER INFORMATION

Name: Mobley Co., Inc. Telephone: 800-999-8828  
EPA Transporter ID: TXD000807925 State ID: 40303 Truck No.: 06  
Driver's Name (Print): JOHN MURLEY Trucked Direct to Plant?  N  
Date: 3-14-96 Driver's Signature: [Signature]

## MOBLEY COMPANY RECYCLING FACILITY

Houston Fuel Plant  Corsicana Fuel Plant  
Address: 4401 East Greenwood Address: Highway 31 East  
City/State: Bartown, TX 77520 City/State: Corsicana, TX 75110  
Telephone: 713-983-3176 Telephone: 803-874-1189  
EPA ID: TXD988089421 TNRCC Reg. No.: 81059 EPA ID: TXD988059291 TNRCC Reg. No.: 20095

I certify that I have received into this facility the above listed product.

Facility Operator's Name (Print): Jack Powers  
Date Received: 3-14-96 Facility Operator's Signature: [Signature]

**MOBLEY COMPANY  
UST REMEDIATION FLUID / OFF-SPECIFICATION PRODUCT  
MANIFEST**

**326 86  
84487**

**CHARACTERIZATION INFORMATION**

Generating Facility Name: (CARSWELL AFB) NAS FT WORTH JR.B  
Generating Facility Address: FT WORTH TX  
Business Name: UNIFIED SERVICES OF TEXAS, INC.  
Mailing Address: 2110 GARDENBRIAR DR, SOUTH WAKE, TX 76092  
Telephone  Generator  Consultant/Contractor (817) 481-9510  
Consultant or Contractor Name/Contact: C. DAN HILL

Process Generating the Fluid (Check the Appropriate Fluid Category and Type):

**Underground Storage Tank Remediation/Corrective Action**

- Unleaded Gasoline
- Diesel
- Aviation Fuel + WATER
- Tank Hold Evacuation
- UST Monitoring Well Fluid

**Off-Specification Product**

- Maintenance of PST  Spill Response
- Unleaded Gasoline
- Diesel
- Aviation Fuel
- Fuel Oil
- Unleaded Gasoline
- Diesel
- Aviation Fuel
- Fuel Oil

Total Quantity (Gallons): Bulk (4) 5,100 Drum Evacuation ( )

I certify that the material removed from the above premises is not hazardous waste as identified in 40 CFR Part 261, and does not contain spent solvents or PCBs as identified in 40 CFR Part 761.

Generator Representative or  
 Consultant/Contractor (Print): CLARENCE D. HILL Title: President  
Signature: [Signature] Date of Service: 3/14/96

**TRANSPORTER INFORMATION**

Name: Mobley Co., Inc. Telephone: 800-972-5528  
EPA Transporter ID: TXD000807925 State ID: 40303 Truck No.: 24  
Driver's Name (Print): JOE MARGY Trucked Direct to Plant: Y / N  
Date: 3/14/96 Driver's Signature: [Signature]

**MOBLEY COMPANY RECYCLING FACILITY**

- Houston Fuel Plant
- Corsicana Fuel Plant

Address: 4401 East Greenwood Address: Highway 31 East  
City/State: Baytown, TX 77520 City/State: Corsicana, TX 75110  
Telephone: 713-283-3176 Telephone: 903-874-1188  
EPA ID: TXD988089421 TNRCC Reg. No.: 81059 EPA ID: TXD988059291 TNRCC Reg. No.: 20095

I certify that I have received into this facility the above listed product.  
Facility Operator's Name (Print): Jack Powers  
Date Received: 3-14-96 Facility Operator's Signature: [Signature]

**MOBLEY COMPANY**  
**UST REMEDIATION FLUID / OFF-SPECIFICATION PRODUCT**  
**MANIFEST**

326 87  
84556

**CHARACTERIZATION INFORMATION**

Generating Facility Name: Crawford AFB NAS FT WORTH JTB  
Generating Facility Address: May 182 Fort Worth TX  
Business Name: UNIFIED SERVICES OF TEXAS INC.  
Mailing Address: 2110 GREENTRIAR DRIVE, SOUTHLAKE, TX 76092  
Telephone  Generator  Consultant/Contractor (817) 481-4510  
Consultant or Contractor Name/Contact: UST, INC. C.D. HILL

Process Generating the Fluid (Check the Appropriate Fluid Category and Type):

**Underground Storage Tank Remediation/Corrective Action**

- Unleaded Gasoline
- Diesel
- Aviation Fuel + WATER
- Tank Hold Evacuation
- UST Monitoring Well Fluid

**Off-Specification Product**

- Maintenance of PST**
- Unleaded Gasoline
- Diesel
- Aviation Fuel
- Fuel Oil
- Spill Response**
- Unleaded Gasoline
- Diesel
- Aviation Fuel
- Fuel Oil

Total Quantity (Gallons): Bulk (✓) 5512 gals Drum Evacuation ( ) \_\_\_\_\_

I certify that the material removed from the above premises is not hazardous waste as identified in 40 CFR Part 261, and does not contain spent solvents or PCBs as identified in 40 CFR Part 761.

Generator Representative or  
 Consultant/Contractor (Print): Clarence D. Hill Title: PRESIDENT  
Signature: [Signature] Date of Service: 3-14-96

**TRANSPORTER INFORMATION**

Name: Mobley Co., Inc. Telephone: 800-999-8828  
EPA Transporter ID: TXD000807925 State ID: 40308 Truck No: 73  
Driver's Name (Print): [Signature] Trucked Direct to Plant? Y / N  
Date: 3-14-96 Driver's Signature: [Signature]

**MOBLEY COMPANY RECYCLING FACILITY**

- Houston Fuel Plant
- Corsicana Fuel Plant

Address: 4401 East Greenwood Address: Highway 17200  
City/State: Baytown, TX 77520 City/State: Corsicana, TX 75110  
Telephone: 713-383-3176 Telephone: 903-874-1100  
EPA ID: TXD988088421 TNRCC Reg. No.: 81059 EPA ID: TXD988059291 TNRCC Reg. No.: 80095

I certify that I have received into this facility the above listed product.  
Facility Operator's Name (Print): Rod DeKoo  
Date Received: 3-14-96 Facility Operator's Signature: [Signature]

UST REMEDIATION FLUID / OFF-SPECIFICATION PRODUCT  
MANIFEST

84585

CHARACTERIZATION INFORMATION

326 88

Generating Facility Name: USAF Carswell Base

Generating Facility Address: #1750 Ft Worth TX

Business Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Telephone  Generator  Consultant/Contractor (817) 481-9510

Consultant or Contractor Name/Contact: UST (UST) SERVICES

Process Generating the Fluid (Check the Appropriate Fluid Category and Type):

**Underground Storage Tank Remediation/Corrective Action**

- Unleaded Gasoline
- Diesel
- Aviation Fuel
- Tank Hold Evacuation
- UST Monitoring Well Fluid

**Off-Specification Product**

- |  |  |
|--|--|
| <b>Maintenance of PST</b>                  | <b>Spill Response</b>                      |
| <input type="checkbox"/> Unleaded Gasoline | <input type="checkbox"/> Unleaded Gasoline |
| <input type="checkbox"/> Diesel            | <input type="checkbox"/> Diesel            |
| <input type="checkbox"/> Aviation Fuel     | <input type="checkbox"/> Aviation Fuel     |
| <input type="checkbox"/> Fuel Oil          | <input type="checkbox"/> Fuel Oil          |

Total Quantity (Gallons): Bulk (X) 2617 (66") Drum Evacuation ( ) \_\_\_\_\_

I certify that the material removed from the above premises is not hazardous waste as identified in 40 CFR Part 261, and does not contain spent solvents or PCBs as identified in 40 CFR Part 761.

Generator Representative or

Consultant/Contractor (Print): RANDY RITTER Title: TECH

Signature: Randy Ritter Date of Service: 3-21-96

TRANSPORTER INFORMATION

Name: Mobley Co., Inc. Telephone: 800-999-8628

EPA Transporter ID: TXD000807925 State ID: 40303 Truck No.: 72 75

Driver's Name (Print): Brendy Mc Williams Trucked Direct to Plant? Y (N)

Date: 3-21-96 Driver's Signature: [Signature]

MOBLEY COMPANY RECYCLING FACILITY

Houston Fuel Plant  Corsicana Fuel Plant

Address: 4401 East Greenwood Address: Highway 31 East

City/State: Baytown, TX 77520 City/State: Corsicana, TX 75110

Telephone: 713-383-3176 Telephone: 903-874-1188

EPA ID: TXD988089421 TNRCC Reg. No.: 81059 EPA ID: TXD988059291 TNRCC Reg. No.: 20095

I certify that I have received into this facility the above listed product.

Facility Operator's Name (Print): DANNY CARLSON

Date Received: 3-22-96 Facility Operator's Signature: [Signature]

White - Generator - Original      Pink - Recycling Facility      Canary - Transporter      Green - Generator's 1st Copy

WOCF # 8507

GENERATOR INFORMATION

326 89

Generating Facility Name: USAF Carswell Base

Generating Facility Address: #1518 Ft Worth TX

Telephone  Generator  Consultant/Contractor: (817) 451-9510

Consultant or Contractor Name/Contact: UNITED SERVICES

Used Oil - As defined by 40 CFR 266.40 or 40 CFR 279.1 when implemented. (Requires WOCF pre-approval.)

Used Motor Oil - From an active retail oil change facility (Does not require WOCF pre-approval.)

Generator State ID#: \_\_\_\_\_ State Waste Code: \_\_\_\_\_

Total Quantity (Gallons): Bulk  95 Drum Evacuation ( ) \_\_\_\_\_

I certify that the material removed from the above premises is not hazardous waste as identified in 40 CFR Part 261, and does not contain spent solvents or PCBs as identified in 40 CFR Part 761.

Generator Representative or

Consultant/Contractor (Print): RANDY RITTER Title: TECH

Signature: Randy Ritter Date of Service: 3-21-96

TRANSPORTER INFORMATION

Name: Mobley Co., Inc. Telephone: 800-999-8628

EPA Transporter ID: TXD000807925 State ID: 40303 Truck No.: 72

Driver's Name (Print): Brenda McWilliams Trucked Direct to Plant?  Y  N

3-21-96 Date B. McWilliams Driver's Signature

MOBLEY COMPANY RECYCLING FACILITY

Kilgore Oil Plant

Houston Oil Plant

Address: Wickes St. Address: 4401 East Greenwood

City/State: Kilgore, TX 75662 City/State: Baytown, TX 77520

Telephone: 903-984-5761 Telephone: 713-383-3176

EPA ID: TXD982560005 TNRCC Reg. No.: 38224 EPA ID: TXD988089421 TNRCC Reg. No.: 81059

I certify that I have received into this facility the above listed product.

Facility Operator Name (Print): Cherrn Wain

3-27-96 Date Received Cherrn Wain Facility Operator's Signature

White - Generator - Original

Pink - Recycling Facility

Canary - Transporter

Green - Generator's 1st Copy

UST REMEDIATION FLUID / OFF-SPECIFICATION PRODUCT  
MANIFEST

84586

CHARACTERIZATION INFORMATION

326 90

Generating Facility Name: CARSWELL AFB

Generating Facility Address: #1411 FT. WORTH, TX

Business Name: SAME

Mailing Address: \_\_\_\_\_

Telephone  Generator  Consultant/Contractor (817) 481-9510

Consultant or Contractor Name/Contact: UNIFIED SERV.

Process Generating the Fluid (Check the Appropriate Fluid Category and Type):

Underground Storage Tank Remediation/Corrective Action

Off-Specification Product

Unleaded Gasoline

286 SOLIDS

Diesel

Aviation Fuel

Tank Hold Evacuation

UST Monitoring Well Fluid

Total Quantity (Gallons): Bulk 850 TOTAL Drum Evacuation ( ) \_\_\_\_\_

I certify that the material removed from the above premises is not hazardous waste as identified in 40 CFR Part 261, and does not contain spent solvents or PCBs as identified in 40 CFR Part 761.

Generator Representative or

Consultant/Contractor (Print): James Freeman Title: Tech

Signature: [Signature] Date of Service: 3/25/96

TRANSPORTER INFORMATION

Name: Mobley Co., Inc. Telephone: 800-999-8628

EPA Transporter ID: TXD000807925 State ID: 40303 Truck No.: \_\_\_\_\_

Driver's Name (Print): Selry J. Gage, Jr. Tracked Direct to Plant? Y  N

Date: 3-25-96 Driver's Signature: [Signature]

MOBLEY COMPANY RECYCLING FACILITY

Houston Fuel Plant

Corsicana Fuel Plant

Address: 4401 East Greenwood

Address: Highway 31 East

City/State: Baytown, TX 77520

City/State: Corsicana, TX 75110

Telephone: 713-383-3176

Telephone: 903-874-1188

EPA ID: TXD988089421 TNRCC Reg. No.: 81059

EPA ID: TXD988059291 TNRCC Reg. No.: 20095

I certify that I have received into this facility the above listed product.

Facility Operator's Name (Print): JACK POWERS

Date Received: 4-5-96 Facility Operator's Signature: [Signature]

White - Generator - Original

Pink - Recycling Facility

Canary - Transporter

Green - Generator's 1st Copy

UST REMEDIATION FLUID / OFF-SPECIFICATION PRODUCT  
MANIFEST

84593

CHARACTERIZATION INFORMATION

Generating Facility Name: CARSWELL A.F.B. 326 91

Generating Facility Address: FT WORTH, TX

Business Name: SAME

Mailing Address: \_\_\_\_\_

Telephone  Generator  Consultant/Contractor ( ) \_\_\_\_\_

Consultant or Contractor Name/Contact: UNIFIED SERVICE OF TX

Process Generating the Fluid (Check the Appropriate Fluid Category and Type):

Underground Storage Tank Remediation/Corrective Action

Off-Specification Product

Unleaded Gasoline

Maintenance of PST

Spill Response

Diesel

Unleaded Gasoline

Unleaded Gasoline

Aviation Fuel

Diesel

Diesel

Tank Hold Evacuation

Aviation Fuel

Aviation Fuel

UST Monitoring Well Fluid

Fuel Oil

Fuel Oil

Total Quantity (Gallons): Bulk ( ) 2617 Drum Evacuation ( ) \_\_\_\_\_

I certify that the material removed from the above premises is not hazardous waste as identified in 40 CFR Part 261, and does not contain spent solvents or PCBs as identified in 40 CFR Part 761.

Generator Representative or

Consultant/Contractor (Print): Mark Auer Jr Title: Tech.

Signature: Mark Auer Jr Date of Service: 4-2-96

TRANSPORTER INFORMATION

Name: Mobley Co., Inc. Telephone: 800-999-8628

EPA Transporter ID: TXD000807925 State ID: 40303 Truck No.: \_\_\_\_\_

Driver's Name (Print): JERRY J. GAGE, JR. Tracked Direct to Plant? Y / N

4-2-96  
Date

Jerry J. Gage Jr.  
Driver's Signature

MOBLEY COMPANY RECYCLING FACILITY

Houston Fuel Plant

Corsicana Fuel Plant

Address: 4401 East Greenwood

Address: Highway 31 East

City/State: Baytown, TX 77520

City/State: Corsicana, TX 75110

Telephone: 713-383-3176

Telephone: 903-874-1188

EPA ID: TXD988089421 TNRCC Reg. No.: 81059

EPA ID: TXD988059291 TNRCC Reg. No.: 20095

I certify that I have received into this facility the above listed product.

Facility Operator's Name (Print): JACK POWERS

4-3-96  
Date Received

Jack Powers  
Facility Operator's Signature

White - Generator - Original

Pink - Recycling Facility

Canary - Transporter

Green - Generator's 1st Copy

UST REMEDIATION FLUID / OFF-SPECIFICATION PRODUCT  
MANIFEST

84559

326 92

**CHARACTERIZATION INFORMATION**

Generating Facility Name: Croswell AFB  
 Generating Facility Address: Ft Worth Tx  
 Business Name: Croswell AFB  
 Mailing Address: Ft Worth Tx  
 Telephone  Generator  Consultant/Contractor ( ) \_\_\_\_\_  
 Consultant or Contractor Name/Contact: UNIFIED SERVICES OF TEXAS

Process Generating the Fluid (Check the Appropriate Fluid Category and Type):

**Underground Storage Tank Remediation/Corrective Action**

- Unleaded Gasoline
- Diesel
- Aviation Fuel
- Tank Hold Evacuation
- UST Monitoring Well Fluid

**Off-Specification Product**

- |  |  |
|--|--|
| <b><u>Maintenance of PST</u></b>           | <b><u>Spill Response</u></b>               |
| <input type="checkbox"/> Unleaded Gasoline | <input type="checkbox"/> Unleaded Gasoline |
| <input type="checkbox"/> Diesel            | <input type="checkbox"/> Diesel            |
| <input type="checkbox"/> Aviation Fuel     | <input type="checkbox"/> Aviation Fuel     |
| <input type="checkbox"/> Fuel Oil          | <input type="checkbox"/> Fuel Oil          |

Total Quantity (Gallons): Bulk ( ) 4782 (48 1/2") Drum Evacuation ( ) \_\_\_\_\_

I certify that the material removed from the above premises is not hazardous waste as identified in 40 CFR Part 261, and does not contain spent solvents or PCBs as identified in 40 CFR Part 761.

Generator Representative or  
 Consultant/Contractor (Print): \_\_\_\_\_ Title: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date of Service: 4-3-96

**TRANSPORTER INFORMATION**

Name: Mobley Co., Inc. Telephone: 800-999-8628  
 EPA Transporter ID: TXD000807925 State ID: 40303 Truck No.: 93  
 Driver's Name (Print): BROOKLYN Mc WILLIAMS Trucked Direct to Plant? Y / N  
4-3-96 Date RJP Driver's Signature

**MOBLEY COMPANY RECYCLING FACILITY**

<input type="checkbox"/> Houston Fuel Plant	<input checked="" type="checkbox"/> Corsicana Fuel Plant
Address: <u>4401 East Greenwood</u>	Address: <u>Highway 31 East</u>
City/State: <u>Baytown, TX 77520</u>	City/State: <u>Corsicana, TX 75110</u>
Telephone: <u>713-383-3176</u>	Telephone: <u>903-874-1188</u>
EPA ID: <u>TXD988089421</u> TNRCC Reg. No.: <u>81059</u>	EPA ID: <u>TXD988059291</u> TNRCC Reg. No.: <u>20095</u>

I certify that I have received into this facility the above listed product.

Facility Operator's Name (Print): Jack Powers  
4-5-96 Date Received Jack Powers Facility Operator's Signature

White - Generator - Original      Pink - Recycling Facility      Canary - Transporter      Green - Generator's 1st Copy

**UST REMEDIATION FLUID / OFF-SPECIFICATION PRODUCT  
MANIFEST**

84491

**CHARACTERIZATION INFORMATION**

**326 93**

Generating Facility Name: Carswell AFB  
 Generating Facility Address: FT Worth TX  
 Business Name: UST  
 Mailing Address: FT Worth TX  
 Telephone  Generator  Consultant/Contractor (817) 461-9510  
 Consultant or Contractor Name/Contact: \_\_\_\_\_

Process Generating the Fluid (Check the Appropriate Fluid Category and Type):

Underground Storage Tank Remediation/Corrective Action

Off-Specification Product

- Unleaded Gasoline
- Diesel
- Aviation Fuel
- Tank Hold Evacuation
- UST Monitoring Well Fluid

- |  |  |
|--|--|
| <u>Maintenance of PST</u>                  | <u>Spill Response</u>                      |
| <input type="checkbox"/> Unleaded Gasoline | <input type="checkbox"/> Unleaded Gasoline |
| <input type="checkbox"/> Diesel            | <input type="checkbox"/> Diesel            |
| <input type="checkbox"/> Aviation Fuel     | <input type="checkbox"/> Aviation Fuel     |
| <input type="checkbox"/> Fuel Oil          | <input type="checkbox"/> Fuel Oil          |

Total Quantity (Gallons): Bulk ( 5506) Drum Evacuation ( ) \_\_\_\_\_

I certify that the material removed from the above premises is not hazardous waste as identified in 40 CFR Part 261, and does not contain spent solvents or PCBs as identified in 40 CFR Part 761.

Generator Representative or  
 Consultant/Contractor (Print): James Freeman Title: \_\_\_\_\_  
 Signature: [Signature] Date of Service: 4/3/96

**TRANSPORTER INFORMATION**

Name: Mobley Co., Inc. Telephone: 800-999-8628  
 EPA Transporter ID: TXD000807925 State ID: 40303 Truck No.: 24  
 Driver's Name (Print): Joe Marsh Trucked Direct to Plant? Y / N  
4/3/96 Date Joe Marsh Driver's Signature

**MOBLEY COMPANY RECYCLING FACILITY**

<input type="checkbox"/> Houston Fuel Plant	<input checked="" type="checkbox"/> Corsicana Fuel Plant
Address: <u>4401 East Greenwood</u>	Address: <u>Highway 31 East</u>
City/State: <u>Baytown, TX 77520</u>	City/State: <u>Corsicana, TX 75110</u>
Telephone: <u>713-383-3176</u>	Telephone: <u>903-874-1188</u>
EPA ID: <u>TXD988089421</u> TNRCC Reg. No.: <u>81059</u>	EPA ID: <u>TXD988059291</u> TNRCC Reg. No.: <u>20095</u>

I certify that I have received into this facility the above listed product.

Facility Operator's Name (Print): DANNY GIBSON  
4-5-96 Date Received [Signature] Facility Operator's Signature

White - Generator - Original      Pink - Recycling Facility      Canary - Transporter      Green - Generator's 1st Copy



UST REMEDIATION FLUID / OFF-SPECIFICATION PRODUCT  
MANIFEST

81694

CHARACTERIZATION INFORMATION

326 95

Generating Facility Name: CANSWELL (AFBCA)  
Generating Facility Address: NAS FORT WORTH JRB Fort Worth TX  
Business Name: NAS FORT WORTH JRB  
Mailing Address: (Same)  
Telephone  Generator  Consultant/Contractor (817) 731-8973 x18  
Consultant or Contractor Name/Contact: United Services of TEXAS Inc  
Process Generating the Fluid (Check the Appropriate Fluid Category and Type):

Underground Storage Tank Remediation/Corrective Action

Off-Specification Product

- Unleaded Gasoline
- Diesel
- Aviation Fuel
- Tank Hold Evacuation
- UST Monitoring Well Fluid

- |  |  |
|--|--|
| <u>Maintenance of PST</u>                  | <u>Spill Response</u>                      |
| <input type="checkbox"/> Unleaded Gasoline | <input type="checkbox"/> Unleaded Gasoline |
| <input type="checkbox"/> Diesel            | <input type="checkbox"/> Diesel            |
| <input type="checkbox"/> Aviation Fuel     | <input type="checkbox"/> Aviation Fuel     |
| <input type="checkbox"/> Fuel Oil          | <input type="checkbox"/> Fuel Oil          |

Total Quantity (Gallons): Bulk ( 157 gals ) Drum Evacuation ( )

I certify that the material removed from the above premises is not hazardous waste as identified in 40 CFR Part 261, and does not contain spent solvents or PCBs as identified in 40 CFR Part 761.

Generator Representative or  
 Consultant/Contractor (Print): CLARENCE D. HILL Title: PRESIDENT  
Signature: Clarence D. Hill Date of Service: 4-9-96

TRANSPORTER INFORMATION

Name: Mobley Co., Inc. Telephone: 800-999-8628  
EPA Transporter ID: TXD000807925 State ID: 40303 Truck No.: 93  
Driver's Name (Print): Shirley Trucked Direct to Plant? Y 10  
4-9-96 Date [Signature] Driver's Signature

MOBLEY COMPANY RECYCLING FACILITY

- Houston Fuel Plant
- Corsicana Fuel Plant

Address: <u>4401 East Greenwood</u>	Address: <u>Highway 31 East</u>
City/State: <u>Baytown, TX 77520</u>	City/State: <u>Corsicana, TX 75110</u>
Telephone: <u>713-383-3176</u>	Telephone: <u>903-874-1188</u>
EPA ID: <u>TXD988089421</u> TNRCC Reg. No.: <u>81059</u>	EPA ID: <u>TXD988059291</u> TNRCC Reg. No.: <u>20095</u>

I certify that I have received into this facility the above listed product.

Facility Operator's Name (Print): DANNY GIBSON  
4-9-96 Date Received [Signature] Facility Operator's Signature

**MOBLEY COMPANY**  
**UST REMEDIATION FLUID / OFF-SPECIFICATION PRODUCT**  
**MANIFEST**

3282 480

**CHARACTERIZATION INFORMATION**

Generating Facility Name: AFBCA CARSWELL  
 Generating Facility Address: NAS FT WORTH JRB  
 Business Name: AFBCA  
 Mailing Address: NAS FT WORTH JRB  
 Telephone  Generator  Consultant/Contractor ( 817 ) 731-8973 x 18  
 Consultant or Contractor Name/Contact: UST, INC.

Process Generating the Fluid (Check the Appropriate Fluid Category and Type):

**Underground Storage Tank Remediation/Corrective Action**

- Unleaded Gasoline
- Diesel
- Aviation Fuel
- Tank Hold Evacuation
- UST Monitoring Well Fluid

**Off-Specification Product**

- | Maintenance of PST                         | Spill Response                             |
|--|--|
| <input type="checkbox"/> Unleaded Gasoline | <input type="checkbox"/> Unleaded Gasoline |
| <input type="checkbox"/> Diesel            | <input type="checkbox"/> Diesel            |
| <input type="checkbox"/> Aviation Fuel     | <input type="checkbox"/> Aviation Fuel     |
| <input type="checkbox"/> Fuel Oil          | <input type="checkbox"/> Fuel Oil          |

Total Quantity (Gallons): Bulk  3885 gal (38 1/2") Drum Evacuation ( ) \_\_\_\_\_

I certify that the material removed from the above premises is not hazardous waste as identified in 40 CFR Part 261, and does not contain spent solvents or PCBs as identified in 40 CFR Part 761.

Generator Representative or Unified Services of Texas, Inc.  
 Consultant/Contractor (Print): CLARENCE D. HILL Title: PRESIDENT  
 Signature: Clarence D. Hill Date of Service: 4-9-96

**TRANSPORTER INFORMATION**

Name: Mobley Co., Inc. Telephone: 800-999-8628  
 EPA Transporter ID: TXD000807925 State ID: 40303 Truck No.: 86  
 Driver's Name (Print): JOHN MURLEY Trucked Direct to Plant?  Y / N  
4-9-96 Date John Murley Driver's Signature

**MOBLEY COMPANY RECYCLING FACILITY**

<input type="checkbox"/> Houston Fuel Plant	<input checked="" type="checkbox"/> Corsicana Fuel Plant
Address: <u>4401 East Greenwood</u>	Address: <u>Highway 31 East</u>
City/State: <u>Baytown, TX 77520</u>	City/State: <u>Corsicana, TX 75110</u>
Telephone: <u>713-383-3176</u>	Telephone: <u>903-874-1188</u>
EPA ID: <u>TXD988089421</u> TNRCC Reg. No.: <u>81059</u>	EPA ID: <u>TXD988059291</u> TNRCC Reg. No.: <u>20095</u>

I certify that I have received into this facility the above-listed product.

Facility Operator's Name (Print): DANNY GIBSON  
4-9-96 Date Received Danny Gibson Facility Operator's Signature

**MOBLEY COMPANY  
UST REMEDIATION FLUID / OFF-SPECIFICATION PRODUCT  
MANIFEST**

82392

**CHARACTERIZATION INFORMATION**

**326 97**

Generating Facility Name: NAS FMC - 3001  
 Generating Facility Address: NAS Base  
 Business Name: FT. WORTH TX  
 Mailing Address: \_\_\_\_\_  
 Telephone  Generator  Consultant/Contractor (X) F17 481 9510  
 Consultant or Contractor Name/Contact: UST  
 Process Generating the Fluid (Check the Appropriate Fluid Category and Type):

**Underground Storage Tank Remediation/Corrective Action**

- Unleaded Gasoline
- Diesel
- Aviation Fuel
- Tank Hold Evacuation
- UST Monitoring Well Fluid

**Off-Specification Product**

- | <u>Maintenance of PST</u>                  | <u>Spill Response</u>                      |
|--|--|
| <input type="checkbox"/> Unleaded Gasoline | <input type="checkbox"/> Unleaded Gasoline |
| <input type="checkbox"/> Diesel            | <input type="checkbox"/> Diesel            |
| <input type="checkbox"/> Aviation Fuel     | <input type="checkbox"/> Aviation Fuel     |
| <input type="checkbox"/> Fuel Oil          | <input type="checkbox"/> Fuel Oil          |

Total Quantity (Gallons): Bulk  936 Drum Evacuation ( ) \_\_\_\_\_

I certify that the material removed from the above premises is not hazardous waste as identified in 40 CFR Part 261, and does not contain spent solvents or PCBs as identified in 40 CFR Part 761.

Generator Representative or  
 Consultant/Contractor (Print): Mark Auer Jr. Title: Tech.  
 Signature: [Signature] Date of Service: 5-1-96

**TRANSPORTER INFORMATION**

Name: Mobley Co., Inc. Telephone: 800-999-8628  
 EPA Transporter ID: TXD000807925 State ID: 40303 Truck No.: 62  
 Driver's Name (Print): Deyon Trucked Direct to Plant? Y /  N  
5-1-96 Date [Signature] Driver's Signature

**MOBLEY COMPANY RECYCLING FACILITY**

<input type="checkbox"/> Houston Fuel Plant	<input checked="" type="checkbox"/> Corsicana Fuel Plant
Address: <u>4401 East Greenwood</u>	Address: <u>Highway 31 East</u>
City/State: <u>Baytown, TX 77520</u>	City/State: <u>Corsicana, TX 75110</u>
Telephone: <u>713-383-3176</u>	Telephone: <u>903-874-1188</u>
EPA ID: <u>TXD988089421</u> TNRCC Reg. No.: <u>81059</u>	EPA ID: <u>TXD988059291</u> TNRCC Reg. No.: <u>20095</u>

I certify that I have received into this facility the above listed product.  
 Facility Operator's Name (Print): Rod DeRoo  
5-3-96 Date Received [Signature] Facility Operator's Signature

**MOBLEY COMPANY  
 UST REMEDIATION FLUID / OFF-SPECIFICATION PRODUCT  
 MANIFEST**

8255

**CHARACTERIZATION INFORMATION**

**326 98**

Generating Facility Name: Federal Medical Center NAS 3001  
 Generating Facility Address: NAS / FT WORTH  
 Business Name: SAME  
 Mailing Address: SAME  
 Telephone  Generator  Consultant/Contractor (817) 481-9510  
 Consultant or Contractor Name/Contact: Warren Kemp - United Services of TX  
 Process Generating the Fluid (Check the Appropriate Fluid Category and Type):

**Underground Storage Tank Remediation/Corrective Action**

**Off-Specification Product**

- Unleaded Gasoline
- Diesel
- Aviation Fuel
- Tank Hold Evacuation
- UST Monitoring Well Fluid

- |  |  |
|--|--|
| <b><u>Maintenance of PST</u></b>           | <b><u>Spill Response</u></b>               |
| <input type="checkbox"/> Unleaded Gasoline | <input type="checkbox"/> Unleaded Gasoline |
| <input type="checkbox"/> Diesel            | <input type="checkbox"/> Diesel            |
| <input type="checkbox"/> Aviation Fuel     | <input type="checkbox"/> Aviation Fuel     |
| <input type="checkbox"/> Fuel Oil          | <input type="checkbox"/> Fuel Oil          |

Total Quantity (Gallons): Bulk  395 gal (7') Drum Evacuation ( ) \_\_\_\_\_

I certify that the material removed from the above premises is not hazardous waste as identified in 40 CFR Part 261, and does not contain spent solvents or PCBs as identified in 40 CFR Part 761.

Generator Representative or  
 Consultant/Contractor (Print): Warren Kemp Title: Const Manager  
 Signature: Warren Kemp Date of Service: 5-2-96

**TRANSPORTER INFORMATION**

Name: Mobley Co., Inc. Telephone: 800-999-8628  
 EPA Transporter ID: TXD000807925 State ID: 40303 Truck No.: 86  
 Driver's Name (Print): JOHN MURLEY Trucked Direct to Plant? Y   
5-2-96 Date John Murley Driver's Signature

**MOBLEY COMPANY RECYCLING FACILITY**

- Houston Fuel Plant  Corsicana Fuel Plant

Address: <u>4401 East Greenwood</u>	Address: <u>Highway 31 East</u>
City/State: <u>Baytown, TX 77520</u>	City/State: <u>Corsicana, TX 75110</u>
Telephone: <u>713-383-3176</u>	Telephone: <u>903-874-1188</u>
EPA ID: <u>TXD988089421</u> TNRCC Reg. No.: <u>81059</u>	EPA ID: <u>TXD988059291</u> TNRCC Reg. No.: <u>20095</u>

I certify that I have received into this facility the above listed product.

Facility Operator's Name (Print): JACK POWERS  
5-9-96 Date Received Jack Powers Facility Operator's Signature

# Certificate of Destroyal

**Attention:** UNIFIED SERVICES OF TEXAS

Let it be known that on the date of [ 3-27-96 ], the tank(s) listed on invoice number [ 5803 ] were picked up from the below listed location by **TEXAS TANK DESTROYAL**. As of [ 3-27-96 ] the tank(s) listed below by reference number have been destroyed.

- 1. [ 6691 ]
- 2. [ 6692 ]
- 3. [ \_\_\_\_\_ ]
- 4. [ \_\_\_\_\_ ]
- 5. [ \_\_\_\_\_ ]
- 6. [ \_\_\_\_\_ ]

**Site Location:** FORT WORTH TX (CARSWELL AFB)

Record of the disposal will be maintained for future reference

*Crena Alexander*

Texas Tank Destroyal

Seal

Subscribed and Sworn before me

this [ 27 ] day of [ MARCH ] 1996

*Albie J. Gould*

Notary Public Signature



ALBIE J. GOULD  
NOTARY PUBLIC  
STATE OF TEXAS  
My Comm. Exp. 12-96

# Certificate of Destroyal

**Attention:** UNIFIED SERVICES OF TEXAS

**Let it be known that on the date of [ 3-26-96 ], the tank(s) listed on invoice number [ 5809 ] were picked up from the below listed location by TEXAS TANK DESTROYAL. As of [ 3-29-96 ] the tank(s) listed below by reference number have been destroyed.**

- 1. [ 6697 ]
- 2. [ 6698 ]
- 3. [ 6699 ]
- 4. [ 6700 ]
- 5. [ ]
- 6. [ ]

**Site Location:** FORT WORTH (CARSWELL AFB)

**Record of the disposal will be maintained for future reference**

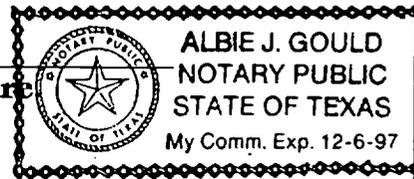
*Angela Alexander*  
Texas Tank Destroyal

Seal

**Subscribed and Sworn before me**

this [ 29 ] day of [ Mar ] 1996

*Albie Gould*  
Notary Public Signature



# Certificate of Destroyal

**Attention:** UNIFIED SERVICES OF TEXAS

Let it be known that on the date of [ 4-1-96 ], the tank(s) listed on invoice number [ 5812 ] were picked up from the below listed location by **TEXAS TANK DESTROYAL**. As of [ 4-8-96 ] the tank(s) listed below by reference number have been destroyed.

- 1. [ 6705 ]
- 2. [ 6706 ]
- 3. [ 6707 ]
- 4. [ 6709 ]
- 5. [ ]
- 6. [ ]

**Site Location:** FORT WORTH TX (CARSWELL AFB)

**Record of the disposal will be maintained for future reference**

*Geneva Alexander*

**Texas Tank Destroyal**

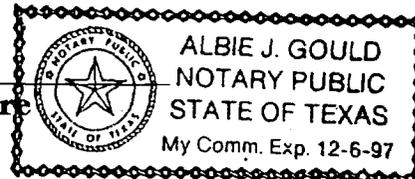
Seal

**Subscribed and Sworn before me**

this [ 8 ] day of [ April ] 1996

*Albie J. Gould*

**Notary Public Signature**



# Certificate of Destroyal

**Attention:** UNIFIED SERVICES OF TEXAS, INC.

Let it be known that on the date of [ 5-1-96 ], the tank(s) listed on invoice number [ 5940 ] were picked up from the below listed location by **TEXAS TANK DESTROYAL**. As of [ 5-10-96 ] the tank(s) listed below by reference number have been destroyed.

- 1. [ 6738 ]
- 2. [ \_\_\_\_\_ ]
- 3. [ \_\_\_\_\_ ]
- 4. [ \_\_\_\_\_ ]
- 5. [ \_\_\_\_\_ ]
- 6. [ \_\_\_\_\_ ]

**Site Location:** FT. WORTH (CARSWELL AFB BUILDING 3001)

**Record of the disposal will be maintained for future reference**

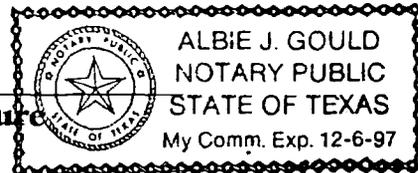
*Kathy Alexander*  
Texas Tank Destroyal

Seal

Subscribed and Sworn before me

this [ 10 ] day of [ may ] 1996

*Albie Gould*  
Notary Public Signature



**326103**

**APPENDIX H**  
**CHRONOLOGY OF EVENTS**

UST EXCAVATION AND REMOVAL  
CHRONOLOGY OF EVENTS

326104

May 22, 1995

UST submitted to Jacobs Engineering Group, Inc. (JEG) bid solicitation RFP No. 10-K702-00R96-0003 for the removal/disposal of underground storage tanks at the Naval Air Station (NAS) Fort Worth Joint Reserve Base (JRB), Carswell Field, Fort Worth, Texas.

February 23, 1996

UST submitted the required Thirty-day Construction Notification to TNRCC in Austin and to Region 4, Duncanville, Texas for the removal, transport and disposal of twelve (12) underground storage tanks. A waiver of thirty day notification was granted by Mr. Lonnie Gilley, Region 4, Duncanville.

March 4, 1996

UST received the subcontract award notification, executed by Mr. Robert C. Miller, Subcontract Manager.

March 14, 1996

Digging permit applications were submitted for the six (6) sites where underground storage tanks were to be removed.

March 19, 1996

Safety equipment and barricades were placed at Building Nos. 1411, 1450, 1518, and 1750. Disassembled piping at Building 1450.

March 20, 1996

Received approved digging permits from Public Works Engineering Department. Began breaking concrete at 1411. Excavated tanks at 1518 and 1750.

March 21, 1996

Excavated and removed one (1) 8,000 gallon FRP tank #1750-1 and 600 gallon FRP tank #1518-5. Removed concrete from 1411. Capt. Pierce, Inspector Ft. Worth Fire Prevention Bureau on-site for removal at 1518 and 1750. During excavation of 1750-1, UST discovered one (1) 20,000 gallon steel tank that had been properly abandoned-in-place.

March 22, 1996

Permit No. M11-0100-96 was obtained from the City of Fort Worth Bureau of Fire Prevention for removal of tanks at six (6) separate locations on the base.

March 25, 1996

Checked and repaired all barricades at 1518, 1750, and 1411. Mobley Company removed contents from three (3) tanks at 1411. Began excavation and inerting of tanks at 1411.

March 26, 1996

Excavated, removed and disposed of three (3) 2,000 gallon steel tanks #1411-1, 1411-2 and 1411-3. Stockpiled soil and covered with plastic. Removed all piping, islands and electric wiring. Secured site. Excavated, removed and disposed of one (1) 315 gallon steel tank #4102-1. Removed two (2) pumps at 4210 and disconnected wiring. Site was secured. Received final inspection from Capt. Pierce, Fort Worth Fire Prevention Bureau, for buildings 1411, 1518, and 4102.

March 27, 1996

Held safety meeting and checked site 4210 for barricades, safety tape, and poly coverings. Work suspended due to inclement weather. All sites were checked and secured.

March 28, 1996

Confined space permit in place for piping vault at 4210. Piping cut and valve removed. Removed stainless piping in building. All sites secured.

March 29, 1996

Checked barricades and safety equipment all sites.

April 1, 1996

Excavated three (3) 8,000 gallon FRP tanks and one (1) 2,000 gallon FRP tank at 4210. Mobley removed tank contents and inerted tanks prior to removal. Capt. Hines, Fort Worth Fire Prevention Bureau on site. Tanks were removed, loaded, and transported for disposal. All sites are secured.

April 2, 1996

Removed remaining piping at 4210. Over-excavated tank holes. Removed anchor pad at 4210. Removed remaining piping at 4210. Mobley removed water from tank holes at 1411, 1518, and 4201. Relocated stockpiled dirt at 4210. All barricades and lights are secured.

April 3, 1996

Excavated anchor pads at 4210 and 1411. Mobley removed water from excavation at 1518.

April 4, 1996

Removed water from tank excavations at 1411 and 1518. Completed breaking and removal of concrete anchor pads at 1411. Sampling conducted at 1411. Could not sample 1750 due to water incursion from heavy rains.

April 5, 1996

Removed concrete pad at 4210. Secured barricades, safety tape and poly at all sites. Completed sampling at 1750. Completed sampling at 1411.

April 8, 1996

Mobilized equipment to 1518. Backfilled excavation at 1518. Began backfilling at 1750. Over-excavated at 4102 per JEG instructions.

April 9, 1996

**326106**

Began backfilling and compacting select fill at 1750. Cleaned area of construction and secured all sites.

April 10, 1996

Completed backfilling and compaction of select fill at 1750. Backfilled and compacted 4210. Over-excavated at 4102, samples collected. Texas Tank Destroyal loaded and transported pipe for disposal.

April 11, 1996

Backfilled and compacted excavation at 4210. Loaded and removed concrete.

April 15, 1996

Continued backfilling and compaction of excavation at 4210. Barricades, safety tape and equipment was checked at all sites.

April 16, 1996

Continued backfill and compaction at 4210. Stockpiled additional sand at 1411.

April 17, 1996

Relocated barricades from 4210 and 1750 to 1411. Began over-excavation at 1411. Moved existing stockpiles of contaminated dirt at 1411 as directed by JEG. All sites secured.

April 18, 1996

Continued over-excavations at 1411. Stockpiled all soil and covered with poly.

April 22, 1996

Checked all barricades and stopped work due to inclement weather.

April 24, 1996

Over-excavated at 1411. Removed additional concrete finish grade and excavated to 12' depth. Removed conduits. Responded to diesel fuel spill of approximately two (2) gallons from UST utility vehicle #12, near bowling alley. Incident report made, response team requested use of the spill as a training site and all parties agreed to do so. No further action by UST was required. Site was secured.

April 25, 1996

Completed excavations at 1411. Lined excavations with poly sheeting as requested by JEG and began backfilling of excavations.

April 26, 1996

Received two (2) loads of clean select backfill.

April 29, 1996

**326107**

Received additional clean select fill. Continued backfilling and compaction at 1411 and 4102. Completed backfill at 4102. All sites checked and secured.

April 30, 1996

Transported stockpiled soil from 1750 and 4201 to 1411 as directed by JEG. Removed guard rails at 4210. Cleaned construction areas.

May 1, 1996

Mobilized to 3001. Located natural gas and water lines. Excavated and traced all piping. Tank 3001-3 excavated, inerted and removed. Capt. W.L. Pierce, Inspector, Fort Worth Fire Prevention Bureau on site. Repaired natural gas line damaged as a result of cave-ins caused by unstable soils in the excavation zone.

May 2, 1996

Removed associated piping. Began backfilling and compaction with clean select fill.

May 3, 1996

Received twenty tons (20T) of quick lime to stabilize moisture in the excavation. Added lime to the moist backfill and obtaining desired stabilization and compaction percentage >95%. Continued backfilling and compaction of select fill materials in addition to twenty cubic yards (20Y<sup>3</sup>) of crushed rock. Cleaned construction area. Secured site.

May 6, 1996

Completed backfilling and compacting the excavation at 3001. Spread and compacted crushed rock. Moved soil from 3001 to 1411.

May 7, 1996

Set subgrade at 1411. Doweled, installed expansion joints and prepared for concrete pour. Doweled concrete, set rebar at 3001 and 1518.

May 8, 1996

Poured concrete at tank removal sites, buildings 1411 and 1518. Cleaned all areas of construction.

May 15, 1996

Removed barricades from 1518. Removed remaining rock from 4102.

**326108**

**APPENDIX I**  
**REVISED REGISTRATION**

# TNRCC - UNDERGROUND STORAGE TANK REGISTRATION FORM

For Use  
in  
TEXAS



**TEXAS  
NATURAL  
RESOURCE  
CONSERVATION  
COMMISSION**

Please mail completed form to:

Registration Section, PST Division  
Texas Natural Resource Conservation Commission  
P.O. Box 13087, MC 138  
Austin, TX 78711-3087 (512) 239-2160

Facility ID Number (if known)

0009696

Owner ID Number (if known)

04532

Tax ID Number (if known)

**328109**

## I. OWNER INFORMATION

## II. FACILITY INFORMATION

Owner Name United States Air Force			Facility Name United States Air Force		
Mailing Address NAS Fort Worth JRB, Carswell Field			Physical Address NAS Fort Worth JRB, Carswell Field		
City Fort Worth	State TX	Zip Code 76127	City Fort Worth	State TX	Zip Code 76127
County Tarrant			County Tarrant		
Contact Person Al Flolo	Telephone (817) 731-8973		Contact Person Al Flolo	Telephone (817) 731-8973	
<b>TYPE OF OWNER</b> <input type="checkbox"/> Private or Corporate <input type="checkbox"/> State Government <input type="checkbox"/> Local Government <input checked="" type="checkbox"/> Federal Government			<b>TYPE OF FACILITY (Mark all that apply)</b> <input type="checkbox"/> Retail <input type="checkbox"/> Farm or Residential <input type="checkbox"/> Wholesale <input type="checkbox"/> Fleet Refueling <input checked="" type="checkbox"/> Aircraft Refueling <input type="checkbox"/> Indian Land <input type="checkbox"/> Indus./Chem./Mfr. Plnt. <input type="checkbox"/> Other (please specify) _____		
Location of Records (if off-site)					
Address, City, State			Number of aboveground storage tanks at this facility _____		Number of underground storage tanks at this facility _____
Contact Person	Telephone ( )				

## III. REGISTRATION STATUS

### REASON FOR SUBMITTING FORM (Mark all that apply)

- Original Form       Ownership Change (effective date \_\_\_\_/\_\_\_\_/\_\_\_\_)       Owner Information Update  
 Facility Information Update       Tank Information Update (please complete back side of form)  
 Other (please specify) \_\_\_\_\_

## IV. FINANCIAL RESPONSIBILITY

Does this facility meet financial responsibility requirements for corrective action?  Yes  No

Does this facility meet 3rd party liability requirements?  Yes  No

If yes, please specify mechanism (Mark all that apply)

- Letter of Credit       Trust Fund       Insurance or Risk Retention Group       PST Remediation Fund\*       Standby Trust Fund  
 Guarantee       Financial Test       Surety Bond       Bond Rating Test\*\*       Local Gov. Fund\*\*

\* Only an acceptable mechanism for Financial Assurance until September 1, 2001. \*\* For local government only.

## V. INSTALLER CERTIFICATION

**NOTE:** This section must be completed and signed by the installer. Leave blank if no tank installation activity is involved.

I certify that the information provided concerning recent installations is true to the best of my belief and knowledge:

Was tank testing completed during and after installation?  Yes  No

Installation Company Name (print) \_\_\_\_\_ Contractor's Registration Number CRP

Installer's Name (print) \_\_\_\_\_ Installer's License Number ILP

Installer Signature \_\_\_\_\_ Date Signed \_\_\_\_\_

## VI. OWNER CERTIFICATION

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 based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Owner or Owner's Authorized Representative (print) NANCY R. AUDELO Title (print) CONTRACTING OFFICER

Signature Nancy R. Audelo Date Signed 7/18/96

## VII. DESCRIPTION OF UNDERGROUND STORAGE TANKS (UST's)

Tank ID (e.g. 1, 2, 3 or A, B, C)	1411-1	1411-2	1411-3	325110 1518-5
<b>TANK STATUS</b>				
Tank Installation Date (month/day/year)	___/___/___	___/___/___	___/___/___	___/___/___
Tank Capacity (gallons)	2,000	2,000	2,000	600
1. Currently In Use	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>
2. Temporarily Out of Service (date) Emptied (Yes/No)	2. ___/___/___ <input type="checkbox"/> Y <input type="checkbox"/> N			
3. Permanently Abandoned In-place (date) (must be filled with sand or concrete, etc.)	3. ___/___/___	3. ___/___/___	3. ___/___/___	3. ___/___/___
4. Permanently Removed from the Ground (date)	4. 3/26/96	4. 3/26/96	4. 3/26/96	4. 3/20/96
<b>SUBSTANCE STORED</b>				
1. Gasoline	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>
2. Diesel	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>
3. Kerosene	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>
4. Used Oil	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>
5. New Oil	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>
6. Other Petroleum Substance (please specify)	6. _____	6. _____	6. _____	6. _____
7. Hazardous Substance	7. _____	7. _____	7. _____	7. _____
a. Name of Principal CERCLA Substance	a. _____	a. _____	a. _____	a. _____
b. Chemical Abstract Service (CAS) No.	b. _____	b. _____	b. _____	b. _____
c. Mixture of Hazardous Substances (please specify)	c. _____	c. _____	c. _____	c. _____
8. Mixture of Petroleum & Hazardous Substance	8. <input type="checkbox"/>	8. <input type="checkbox"/>	8. <input type="checkbox"/>	8. <input type="checkbox"/>
9. Other (please specify)	9. _____	9. _____	9. _____	9. _____
<b>UST CONSTRUCTION AND CONTAINMENT</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. Single Wall (Mark all that apply) <input checked="" type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>
2. Double Wall	2. <input type="checkbox"/> <input type="checkbox"/>			
3. External Jacket System	3. <input type="checkbox"/> <input type="checkbox"/>			
4. Excavation/Trench Liner System	4. <input type="checkbox"/> <input type="checkbox"/>			
5. Piping System:	5. _____	5. _____	5. _____	5. _____
a. Pressurized	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>
b. Suction	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>
c. Gravity	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>
6. Other (please specify)	6. _____	6. _____	6. _____	6. _____
<b>MATERIAL OF CONSTRUCTION</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. Steel	1. <input type="checkbox"/> <input type="checkbox"/>			
2. Fiberglass-Reinforced Plastic (FRP)	2. <input type="checkbox"/> <input type="checkbox"/>			
3. Composite (steel w/FRP laminate)	3. <input type="checkbox"/> <input type="checkbox"/>			
4. Concrete	4. <input type="checkbox"/> <input type="checkbox"/>			
5. Other (please specify)	5. _____	5. _____	5. _____	5. _____
<b>RELEASE DETECTION (Mark all that apply) <input checked="" type="checkbox"/></b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. Vapor Monitoring	1. <input type="checkbox"/> <input type="checkbox"/>			
2. Groundwater Monitoring	2. <input type="checkbox"/> <input type="checkbox"/>			
3. Monitoring Above Excavation Liner	3. <input type="checkbox"/> <input type="checkbox"/>			
4. Automatic In-Tank Monitoring & Inventory Control	4. <input type="checkbox"/> <input type="checkbox"/>			
5. Interstitial Monitoring for Double Wall UST's	5. <input type="checkbox"/> <input type="checkbox"/>			
6. Tightness Testing	6. <input type="checkbox"/> <input type="checkbox"/>			
7. Inventory Control	7. <input type="checkbox"/> <input type="checkbox"/>			
8. Statistical Inventory Reconciliation (SIR)	8. <input type="checkbox"/> <input type="checkbox"/>			
9. None	9. <input type="checkbox"/> <input type="checkbox"/>			
10. Line Leak Detectors	10. <input type="checkbox"/> <input type="checkbox"/>			
11. Other (please specify)	11. _____	11. _____	11. _____	11. _____
<b>CORROSION PROTECTION (Mark all that apply) <input checked="" type="checkbox"/></b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. External Dielectric Coating/Laminate/Tape/Wrap	1. <input type="checkbox"/> <input type="checkbox"/>			
2. Cathodic Protection - Installation: <input type="checkbox"/> Factory <input type="checkbox"/> Field	2. <input type="checkbox"/> <input type="checkbox"/>			
3. Composite Tank (steel w/FRP cladding)	3. <input type="checkbox"/> <input type="checkbox"/>			
4. Noncorrodible Material (e.g., FRP)	4. <input type="checkbox"/> <input type="checkbox"/>			
5. Electrical Isolation	5. <input type="checkbox"/> <input type="checkbox"/>			
6. None	6. <input type="checkbox"/> <input type="checkbox"/>			
7. Other (please specify)	7. _____	7. _____	7. _____	7. _____
<b>SPILL AND OVERFILL PREVENTION (Mark all that apply) <input checked="" type="checkbox"/></b>				
1. Tight-Fill Fitting	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>
2. Spill Container/Liquid-Tight Sump	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>
3. Automatic Overfill Device:	3. _____	3. _____	3. _____	3. _____
a. Shut-Off Valve	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>
b. Flow Restrictor Valve	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>
c. Alarm with a. or b.	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>
4. None	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>

Indicate VAPOR RECOVERY EQUIPMENT STATUS if gasoline is stored and dispensed at this facility, and if facility is located in an ozone nonattainment area:  Stage II equipment installation date: \_\_\_/\_\_\_/\_\_\_  No Stage II equipment  Exempt  Qualified for ISBMG extension

## VII. DESCRIPTION OF UNDERGROUND STORAGE TANKS (UST's)

Tank ID (e.g. 1, 2, 3 or A, B, C)	1750-2	3001-3	4102-1	4210-1
<b>TANK STATUS</b>				
Tank Installation Date (month/day/year)	____/____/____	____/____/____	____/____/____	____/____/____
Tank Capacity (gallons)	8,000	20,000	315	8,000
1. Currently In Use	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>
2. Temporarily Out of Service (date) Emptied (Yes/No)	2. ____/____/____ <input type="checkbox"/> Y <input type="checkbox"/> N			
3. Permanently Abandoned In-place (date) (must be filled with sand or concrete, etc.)	3. ____/____/____	3. ____/____/____	3. ____/____/____	3. ____/____/____
4. Permanently Removed from the Ground (date)	4. 3 / 11 / 96	4. 5 / 01 / 96	4. 3 / 26 / 96	4. 4 / 01 / 96
<b>SUBSTANCE STORED</b>				
1. Gasoline	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>
2. Diesel	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>
3. Kerosene	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>
4. Used Oil	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>
5. New Oil	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>
6. Other Petroleum Substance (please specify)	6. _____	6. _____	6. _____	6. _____
7. Hazardous Substance	7. _____	7. _____	7. _____	7. _____
a. Name of Principal CERCLA Substance	a. _____	a. _____	a. _____	a. _____
b. Chemical Abstract Service (CAS) No.	b. _____	b. _____	b. _____	b. _____
c. Mixture of Hazardous Substances (please specify)	c. _____	c. _____	c. _____	c. _____
8. Mixture of Petroleum & Hazardous Substance	8. <input type="checkbox"/>	8. <input type="checkbox"/>	8. <input type="checkbox"/>	8. <input type="checkbox"/>
9. Other (please specify)	9. _____	9. _____	9. _____	9. _____
<b>UST CONSTRUCTION AND CONTAINMENT</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. Single Wall (Mark all that apply) <input checked="" type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>
2. Double Wall	2. <input type="checkbox"/> <input type="checkbox"/>			
3. External Jacket System	3. <input type="checkbox"/> <input type="checkbox"/>			
4. Excavation/Trench Liner System	4. <input type="checkbox"/> <input type="checkbox"/>			
5. Piping System:	5. _____	5. _____	5. _____	5. _____
a. Pressurized	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>
b. Suction	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>
c. Gravity	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>
6. Other (please specify)	6. _____	6. _____	6. _____	6. _____
<b>MATERIAL OF CONSTRUCTION</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. Steel	1. <input type="checkbox"/> <input type="checkbox"/>			
2. Fiberglass-Reinforced Plastic (FRP)	2. <input type="checkbox"/> <input type="checkbox"/>			
3. Composite (steel w/FRP laminate)	3. <input type="checkbox"/> <input type="checkbox"/>			
4. Concrete	4. <input type="checkbox"/> <input type="checkbox"/>			
5. Other (please specify)	5. _____	5. _____	5. _____	5. _____
<b>RELEASE DETECTION (Mark all that apply) <input checked="" type="checkbox"/></b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. Vapor Monitoring	1. <input type="checkbox"/> <input type="checkbox"/>			
2. Groundwater Monitoring	2. <input type="checkbox"/> <input type="checkbox"/>			
3. Monitoring Above Excavation Liner	3. <input type="checkbox"/> <input type="checkbox"/>			
4. Automatic In-Tank Monitoring & Inventory Control	4. <input type="checkbox"/> <input type="checkbox"/>			
5. Interstitial Monitoring for Double Wall UST's	5. <input type="checkbox"/> <input type="checkbox"/>			
6. Tightness Testing	6. <input type="checkbox"/> <input type="checkbox"/>			
7. Inventory Control	7. <input type="checkbox"/> <input type="checkbox"/>			
8. Statistical Inventory Reconciliation (SIR)	8. <input type="checkbox"/> <input type="checkbox"/>			
9. None	9. <input type="checkbox"/> <input type="checkbox"/>			
10. Line Leak Detectors	10. <input type="checkbox"/> <input type="checkbox"/>			
11. Other (please specify)	11. _____	11. _____	11. _____	11. _____
<b>CORROSION PROTECTION (Mark all that apply) <input checked="" type="checkbox"/></b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. External Dielectric Coating/Laminate/Tape/Wrap	1. <input type="checkbox"/> <input type="checkbox"/>			
2. Cathodic Protection - Installation: <input type="checkbox"/> Factory <input type="checkbox"/> Field	2. <input type="checkbox"/> <input type="checkbox"/>			
3. Composite Tank (steel w/FRP cladding)	3. <input type="checkbox"/> <input type="checkbox"/>			
4. Noncorrodible Material (e.g., FRP)	4. <input type="checkbox"/> <input type="checkbox"/>			
5. Electrical Isolation	5. <input type="checkbox"/> <input type="checkbox"/>			
6. None	6. <input type="checkbox"/> <input type="checkbox"/>			
7. Other (please specify)	7. _____	7. _____	7. _____	7. _____
<b>SPILL AND OVERFILL PREVENTION (Mark all that apply) <input checked="" type="checkbox"/></b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. Tight-Fill Fitting	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>
2. Spill Container/Liquid-Tight Sump	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>
3. Automatic Overfill Device:	3. _____	3. _____	3. _____	3. _____
a. Shut-Off Valve	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>
b. Flow Restrictor Valve	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>
c. Alarm with a. or b.	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>
4. None	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>

Indicate VAPOR RECOVERY EQUIPMENT STATUS if gasoline is stored and dispensed at this facility, and if facility is located in an ozone nonattainment area:  Stage II equipment installation date: \_\_\_\_/\_\_\_\_/\_\_\_\_  No Stage II equipment  Exempt  Qualified for ISBMG extension

## VII. DESCRIPTION OF UNDERGROUND STORAGE TANKS (UST's)

Tank ID (e.g. 1, 2, 3 or A, B, C)	4210-2	4210-3	4210-5	
<b>TANK STATUS</b>				<b>326112</b>
Tank Installation Date (month/day/year)	/ /	/ /	/ /	
Tank Capacity (gallons)	8,000	8,000	2,000	
1. Currently in Use	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>
2. Temporarily Out of Service (date) Emptied (Yes/No)	2. / / <input type="checkbox"/> Y <input type="checkbox"/> N	2. / / <input type="checkbox"/> Y <input type="checkbox"/> N	2. / / <input type="checkbox"/> Y <input type="checkbox"/> N	2. / / <input type="checkbox"/> Y <input type="checkbox"/> N
3. Permanently Abandoned In-place (date) (must be filled with sand or concrete, etc.)	3. / /	3. / /	3. / /	3. / /
4. Permanently Removed from the Ground (date)	4. 4 / 01 / 96	4. 4 / 01 / 96	4. 4 / 01 / 96	4. / /
<b>SUBSTANCE STORED</b>				
1. Gasoline	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>
2. Diesel	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>
3. Kerosene	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>
4. Used Oil	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>
5. New Oil	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>
6. Other Petroleum Substance (please specify)	6. _____	6. _____	6. _____	6. _____
7. Hazardous Substance	7. _____	7. _____	7. _____	7. _____
a. Name of Principal CERCLA Substance	a. _____	a. _____	a. _____	a. _____
b. Chemical Abstract Service (CAS) No.	b. _____	b. _____	b. _____	b. _____
c. Mixture of Hazardous Substances (please specify)	c. _____	c. _____	c. _____	c. _____
8. Mixture of Petroleum & Hazardous Substance	8. <input type="checkbox"/>	8. <input type="checkbox"/>	8. <input type="checkbox"/>	8. <input type="checkbox"/>
9. Other (please specify)	9. _____	9. _____	9. _____	9. _____
<b>UST CONSTRUCTION AND CONTAINMENT</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. Single Wall (Mark all that apply) <input checked="" type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>	1. <input type="checkbox"/> <input type="checkbox"/>
2. Double Wall	2. <input type="checkbox"/> <input type="checkbox"/>			
3. External Jacket System	3. <input type="checkbox"/> <input type="checkbox"/>			
4. Excavation/Trench Liner System	4. <input type="checkbox"/> <input type="checkbox"/>			
5. Piping System:	5. _____	5. _____	5. _____	5. _____
a. Pressurized	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>
b. Suction	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>
c. Gravity	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>
6. Other (please specify)	6. _____	6. _____	6. _____	6. _____
<b>MATERIAL OF CONSTRUCTION</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. Steel	1. <input type="checkbox"/> <input type="checkbox"/>			
2. Fiberglass-Reinforced Plastic (FRP)	2. <input type="checkbox"/> <input type="checkbox"/>			
3. Composite (steel w/FRP laminate)	3. <input type="checkbox"/> <input type="checkbox"/>			
4. Concrete	4. <input type="checkbox"/> <input type="checkbox"/>			
5. Other (please specify)	5. _____	5. _____	5. _____	5. _____
<b>RELEASE DETECTION (Mark all that apply) <input checked="" type="checkbox"/></b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. Vapor Monitoring	1. <input type="checkbox"/> <input type="checkbox"/>			
2. Groundwater Monitoring	2. <input type="checkbox"/> <input type="checkbox"/>			
3. Monitoring Above Excavation Liner	3. <input type="checkbox"/> <input type="checkbox"/>			
4. Automatic In-Tank Monitoring & Inventory Control	4. <input type="checkbox"/> <input type="checkbox"/>			
5. Interstitial Monitoring for Double Wall UST's	5. <input type="checkbox"/> <input type="checkbox"/>			
6. Tightness Testing	6. <input type="checkbox"/> <input type="checkbox"/>			
7. Inventory Control	7. <input type="checkbox"/> <input type="checkbox"/>			
8. Statistical Inventory Reconciliation (SIR)	8. <input type="checkbox"/> <input type="checkbox"/>			
9. None	9. <input type="checkbox"/> <input type="checkbox"/>			
10. Line Leak Detectors	10. <input type="checkbox"/> <input type="checkbox"/>			
11. Other (please specify)	11. _____	11. _____	11. _____	11. _____
<b>CORROSION PROTECTION (Mark all that apply) <input checked="" type="checkbox"/></b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. External Dielectric Coating/Laminate/Tape/Wrap	1. <input type="checkbox"/> <input type="checkbox"/>			
2. Cathodic Protection - Installation: <input type="checkbox"/> Factory <input type="checkbox"/> Field	2. <input type="checkbox"/> <input type="checkbox"/>			
3. Composite Tank (steel w/FRP cladding)	3. <input type="checkbox"/> <input type="checkbox"/>			
4. Noncorrodible Material (e.g., FRP)	4. <input type="checkbox"/> <input type="checkbox"/>			
5. Electrical Isolation	5. <input type="checkbox"/> <input type="checkbox"/>			
6. None	6. <input type="checkbox"/> <input type="checkbox"/>			
7. Other (please specify)	7. _____	7. _____	7. _____	7. _____
<b>SPILL AND OVERFILL PREVENTION (Mark all that apply) <input checked="" type="checkbox"/></b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. Tight-Fill Fitting	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>
2. Spill Container/Liquid-Tight Sump	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>
3. Automatic Overfill Device:	3. _____	3. _____	3. _____	3. _____
a. Shut-Off Valve	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>
b. Flow Restrictor Valve	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>
c. Alarm with a. or b.	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>
4. None	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>

Indicate VAPOR RECOVERY EQUIPMENT STATUS if gasoline is stored and dispensed at this facility, and if facility is located in an ozone nonattainment area:  Stage II equipment installation date: / /  No Stage II equipment  Exempt  Qualified for ISBMG extension

**326113**

**APPENDIX J**  
**GENERAL CORRESPONDENCE**

# EMERGENCY INFORMATION

- In case of Fire, Police, or Ambulance Emergency, REMAIN CALM, contact 911 FIRST, then contact the UST office, Dan Hill, or Jim Adams.

- For all other Emergencies, REMAIN CALM, contact the appropriate Emergency service FIRST, then contact the UST office, Dan Hill, or Jim Adams.

<u>FIRE - POLICE - AMBULANCE</u>	911	
<u>METHODIST FORT WORTH HOSPITAL</u>	(817) 882-2000	(Emergency Room)
<u>AFCEE CONTRACTING OFFICER'S REP.</u> CPT Joseph Feaster	(210) 536-5275	
<u>AFBCA ENGINEERING OFFICE REP.</u> Al Flolo, Engineering Technician Nancy R. (Randi) Audelo, Contracting Officer	(817) <sup>731-</sup> 782-8973, ext 18 ext 12	FAX: (817) 731-8137
<u>TNRCC REGION 4 OFFICE</u> Lonnie Gilley, PST Inspector	(214) 298-6171	FAX: (214) 709-1181
<u>FEDERAL BUREAU OF PRISONS REP.</u> Kevin Gaddis, Spvr. Const. Rep. PM	(817) 782-4050	FAX: (817) 782-(TBD)
<u>JACOBS ENGINEERING GROUP, INC.</u> Lynn Schuetter, Project Manager Robert C. Miller, Subcontract Manager John McManus, Site Manager	(303) 595-8855  (817) 737-7237 PAGER: (800) 759-7243	FAX: (303) 595-8857  FAX: (817) 737-7217 PIN # 1300605
<u>UST, INC. OFFICE:</u> Dan Hill Jim Adams	(817) 481-9510 Mobile: (817) 999-9909 Mobile: (817) 999-0433	FAX: (817) 488-1729 Pager: (817) 452-6510 Pager: (817) 452-0249

**JE**

**JACOBS ENGINEERING GROUP INC.  
SUBCONTRACT SUMMARY PAGE**

*Subcontractor Name (Name, Address, & Rep.)*

Unified Services of Texas, Inc.  
2110 Greenbriar Drive  
Southlake, TX 76092  
Attn: Clarence D. Hill

**326115**

<b>Subcontract/Modification No.</b> 10-K702-S-96-0002		<b>Subcontr. Tel. No.</b> (817) 481-9510		<b>Subcontr. Telex No.</b> (817) 488-1729	
<b>Client/Prime Contract Number</b> USAF/F41624-94-D-8116		<b>Total Amt. of Subcontr.</b> \$42,074.96		<b>Priority Rating</b> DO-C2	
<b>Type of Subcontract</b> Firm Fixed Price		<b>Start Date</b> 11 March 1996		<b>Completion Date</b> 19 April 1996	
<b>Project</b> Full Service Environmental Remediation Efforts - Carswell AF				<b>Project Number</b> 10K70200	
<b>Refer All Questions, Invoicing &amp; Correspondence To:</b>  Attention: Robert C. Miller, Subcontract Manager Jacobs Engineering Group Inc. 600 17th Street, Suite 1100N Denver, Colorado 80202 (303) 595-8855				<b>Remarks</b>	

**Table of Contents**

*This Subcontract Contains the Following Sections/Exhibits:*

<b>Section/Exhibit</b>		<b>Description of Section</b>
<b>Number</b>	<b>Revision</b>	
I		Subcontract Summary Page
II		Schedule Articles
III		General Provisions
IV		Additional General Provisions
V		Appendices to Additional General Provisions
A		Scope of Work
B		Reporting Requirements
C		Invoicing Requirements
D		Delivery Requirements
E		Health and Safety Plan
F		Health and Safety Appendices

<p><b>Check Box</b></p> <p><input type="checkbox"/> Individual</p> <p><input type="checkbox"/> Partnership</p> <p><input checked="" type="checkbox"/> Incorporated in the State of Texas</p> <p><input type="checkbox"/> Other (Identify)</p>	<p><i>Note: If Subcontractor is a corporation, the following certification must be completed in full.</i></p> <p>I, <u>Nancy J. Hill</u> <i>Nancy J. Hill</i>, certify that I am Secretary of the Corporation named as the Subcontractor herein, that <u>Clarence D. Hill</u>, who signed the Subcontract on behalf of the Subcontractor, was then <u>President</u> of said Corporation, that said Subcontract was only signed for and on behalf of said Corporation by authority of its governing body, and is within the scope of its corporate powers.</p>
---	---

In witness whereof, the Parties have executed this Subcontract/Modification as of the date shown below. The effective date of this Subcontract/Modification is 11 March 1996

**JACOBS ENGINEERING GROUP INC.**

**Unified Services of Texas, Inc.**  
(Subcontractor)

Signature Robert C. Miller *Robert C. Miller*

Signature *Clarence D. Hill*  
Clarence D. Hill

Title Subcontract Manager

Title President

Date 3-27-96

Date March 8, 1996

**UST** Unified Services of Texas, Inc.

*Complete Petroleum Storage Tank Services*  
2110 Greenbarn Drive, Southlake, TX 76092 (817) 481-9510, FAX: (817) 488-1729

**326115**

June 13, 1996  
3896-002 CO-1

Mr. Robert C. Miller  
Subcontract Manager  
Jacobs Engineering Group, Inc.  
600 Seventeenth Street, Suite 1100N  
Denver, Colorado 80202

**SUBJECT:** Remove/Dispose of Underground Storage Tanks; additional tasks performed

**Reference:** (a) Subcontract No. 10-K702-S-96-0002, Remove/Dispose of Underground Storage Tanks, Statement of Work

Dear Mr. Miller:

Unified Services of Texas, Inc. (UST) has completed a thorough analysis of the additional tasks performed for the referenced subcontract. The work performed in addition to the original Statement of Work (SOW) and the costs incurred for each additional task are summarized below and in Attachments 1-6.

1. Removal of one (1) additional 20,000 gallon tank and piping system at site 3001, Federal Medical Center (FMC), including the concrete hold-down pad. UST successfully removed the tank system on May 1, 1996, without shoring and without damage to the three inch (3") natural gas line that was installed within three feet (3') of the tank, positioned horizontally on the east side between the tank and power house. However, due to the to the unstable sandy backfill that had been installed in the entire area between the power house and the roadway, the excavation walls began to sluff-off very soon after the tank had been removed. The final report contains photographs of the surface grade as it sheared away and caved into the tank excavation. UST immediately placed a subcontracted utility company on short notice standby to respond to any emergency situation involving the natural gas line. The unstable soils were exacerbated by the presence of continual groundwater incursion thereby further undermining the stability of the soil. At first notice of the impending cave-in of the east wall, UST requested that FMC secure the natural gas line as a safety precaution. FMC firmly stated their opposition to do so, thereby causing an immediate work stoppage until permission to secure the natural gas line was obtained from higher authority. Said permission was received late that same day. Within one (1) hour of the receipt of permission to secure the natural gas line, the east wall caved into the tank excavation

resulting in suspected damage to the natural gas line. UST contacted the underground utility company that was placed on standby previously, and authorized them to mobilize to the site to effect emergency repairs to the line. Upon completion of the emergency repairs, the natural gas line remained uncovered and supported in place by holding lines secured to the building. UST continued in its attempt to clean out the impacted soil and remove the concrete pad, but soon achieved JEG's concurrence that the instability of the soil coupled with the continual incursion of groundwater, precluded removing the concrete pad. At this point, the soil had continued to sluff-off up to the edge of the building's piers. FMC's construction manager was kept fully informed of the situation and concurred with JEG's recommendations.

UST imported approximately two hundred tons (200T) of crushed limestone and twenty-two tons (22T) of powered quick lime for use in stabilizing the soils in the tank excavation. The standing groundwater was vacuumed from the excavation and transported to disposal. The quick lime was added by straight discharge hose to the moist soils and dry original backfill material was then mixed with the lime and compacted in place. All hydraulic action observed previously in the backfill ceased and the excavation was backfilled and compacted to four feet (4') below grade. The natural gas line was bedded and backfilled with sand. One hundred eighty cubic yards (180Y<sup>3</sup>) of clean select fill was added as backfill and the crushed limestone was added as the final layer compacted to grade. UST received site acceptance from JEG and FMC. A detailed listing of expenses incurred in this activity is included as Attachment 1.

2. Removal of Concrete Pads. Concrete Pads were removed from sites 1411, 1518, 4102 and 4210. The pads at 1750 and 3001 were authorized to be left in place. A detailed listing of expenses incurred for this activity is included as Attachment 2.

3. Overexcavation at Sites 1518, 1750, and 4102. The costs associated with overexcavation of petroleum impacted soils, are listed in Attachment 3.

4. Overexcavation at Site 1411. A detailed listing of expenses associated with overexcavating petroleum impacted soils at this activity, is included as Attachment 4.

5. Overexcavation at Site 4210. The detailed listing of these expenses is included as Attachment 5.

6. Additional Pumping and Removal of Tank Pit Fluids. Heavy rain storms created excessive water at Sites 1411, 1518, 1750 and 4210. To continue with the removal and backfilling activities, the water was removed from the tank excavation areas and transported to disposal. Groundwater was encountered at Site 3001 and was required to be removed prior to achieving stabilization of the tank backfilling efforts.

7. Monitoring Well Abandonment. Although quoted initially, UST was successful in removing each tank without endangering a monitoring well. Therefore, the abandonment of the six (6) monitoring wells was not required. The elimination of this line item results in a deductive change order of \$1,800.00.

A summary of the items requested as Change Order No. 1 is provided below:

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3891002

Date: 3/19/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

BRIEFER:

[Signature]  
[Signature]  
[Signature]  
   
 

Wynn Klein

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities.
4. No Smoking signs deployed at each entry/exit point. Smoking is not permitted at any time within the work area or any UST vehicle.
5. All electrical equipment must have adequate grounds. All power equipment used must have bonding straps available.
6. All tools and Personal Protective Equipment (PPE) shall be properly stowed when not in use.
7. All trash and other debris shall be removed from the job site daily prior to departure.
8. The location of eye wash, shower and toilet facilities.
9. Use of proper PPE when in the work area, e.g. hard hats, steel toe shoes, hand, ear and eye protection, etc.
10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
11. Site safety equipment:
 

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape

326119

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3896-002

Date: 3/20/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

**ATTENDEES**

[Signature]

Don Rowley

[Signature]

Page etc

**BRIEFER:** MARK AVER JUL

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
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  10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
  11. No eating or drinking shall be permitted at the job site.
11. Site safety equipment:
- |                                     |                                    |
|-------------------------------------|------------------------------------|
| 124 item first aid kit              | Gloves (leather, rubber and latex) |
| Appropriate disposal outer clothing | Emergency hand lights              |
| Eye protection devices              | Hearing protection devices         |
| 3A; 40BC fire extinguishers         | Head protection devices            |
| Traffic cones, barricades, etc.     | Caution tape                       |

326120

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3896-002

Date: 3/21/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Wayne Kemp  
Mark Anderson  
Randy Petty  
Mark Estess  
Carl Wilson

BRIEFER:

Clarence D. Still  
Page L. [Signature]  
Myron [Signature]  
John D. [Signature]  
Ray [Signature]

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
  2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
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  10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
  11. No eating or drinking shall be permitted at the job site.
11. Site safety equipment:
- |                                     |                                    |
|-------------------------------------|------------------------------------|
| 124 item first aid kit              | Gloves (leather, rubber and latex) |
| Appropriate disposal outer clothing | Emergency hand lights              |
| Eye protection devices              | Hearing protection devices         |
| 3A; 40BC fire extinguishers         | Head protection devices            |
| Traffic cones, barricades, etc.     | Caution tape                       |

326121

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3896-002

Date: 3/25/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

BRIEFER:

Clarence D. Hill  
[Signature]  
[Signature]  
Mark Amer Jr  
[Signature]

Randy Ritters  
[Signature]  
[Signature]  
[Signature]  
[Signature] MOBLEY ENVIRONMENTAL  
[Signature] JEG

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
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10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:
 

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. SAFETY OBSERVER

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

**326122**

Project No: 3896-002

Date: 3/26/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Clarence D. Hill  
Randy Ritter  
Mark Amer  
Warren Samp  
[Signature]

BRIEFER:

Page LTD  
[Signature]  
Joe Marshall Mobley  
Jerry Daniel  
[Signature]  
Scott A. [Signature]

GENERAL TOPICS

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12. Site safety equipment:

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. SAFETY OBSERVER

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3896-002

Date: 3/27/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

BRIEFER:

Clarence D. Hill  
Mark E. Auer  
Kandy Patton  
Mark Auer Jr  
[Signature]

Don Pawhorz  
William Kemp  
Cal Wilson  
Page [Signature]

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
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11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:
 

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape

13. SAFETY OBSERVER

326124

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3896-002

Date: 3/28/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Clarence J. Hill  
Mark Owen Jr  
Randy Rittger  
Warren Kemp

BRIEFER:

Mark F. Anger  
D. Rued  
Ray  
Calvin Wilson  
Jon  
Mark

GENERAL TOPICS

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12. Site safety equipment:
 

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape

13. SAFETY OBSERVER

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

326125

Project No: 3896-002

Date: 4/1/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

BRIEFER:

Carlene Q. Hill  
Randy Ritter  
Mark Jones  
Don Lawley  
[Signature]  
Alvan Frow

Warren Kemp  
Mark E. [Signature]  
Ray [Signature]  
Paul Wilson  
John [Signature]  
McPherson Jerry Sage, Jr.

GENERAL TOPICS

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12. Site safety equipment:
 

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Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape

Jerry Danice  
Ray [Signature]  
Kyle [Signature]

13. SAFETY OBSERVER

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

326126

Project No: 3896-002

Date: 4/2/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Clarence D. Hill  
Mark Owen Jr  
Carl Wilgong  
Warren J Perry  
Mark [unclear]

BRIEFER: Randy Ritter  
[unclear]  
Dan Schultz  
Jim [unclear]

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
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7. All trash and other debris shall be removed from the job site daily prior to departure.
8. The location of eye wash, shower and toilet facilities.
9. Use of proper PPE when in the work area, e.g. hard hats, steel toe shoes, hand, ear and eye protection, etc.
10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape

13. Safety Observer

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

326127

Project No: 3896-002

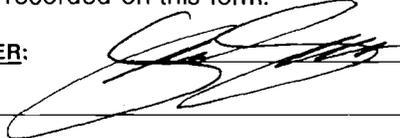
Date: 4/3/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Clarence J. Hill  
Wayne J. Perry  
Randy Pittman  
Mark E. Price  
Carl Wilson  
Don Spivey  
Mark Price Jr

BRIEFER:

  
\_\_\_\_\_  
\_\_\_\_\_  
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GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
4. No Smoking signs deployed at each entry/exit point. Smoking is not permitted at any time within the work area or any UST vehicle.
5. All electrical equipment must have adequate grounds. All power equipment used must have bonding straps available.
6. All tools and Personal Protective Equipment (PPE) shall be properly stowed when not in use.
7. All trash and other debris shall be removed from the job site daily prior to departure.
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10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3896-002

Date: 4/4/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

BRIEFER:

Mark E. Avery  
Mark Chen  
William [unclear]  
Randy [unclear]  
[unclear]  
Cal Wilson  
J. T. Sullivan

Clarence D. Hill

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
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10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:
 

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.

326129

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3896-002

Date: 1/8/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

BRIEFER:

W. L. Wilcox  
Paul Wilcox  
Randy Rether  
Dan Schultzy  
J. T. ...

[Signature]

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
4. No Smoking signs deployed at each entry/exit point. Smoking is not permitted at any time within the work area or any UST vehicle.
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10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:
 

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

326130

Project No: 3896-002

Date: 4/9/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

James Kery  
John Murphy  
Steve Lynch  
Bill  
Mark E. Auer

BRIEFER

Randy Kitter  
James D. Auer

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
4. No Smoking signs deployed at each entry/exit point. Smoking is not permitted at any time within the work area or any UST vehicle.
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9. Use of proper PPE when in the work area, e.g. hard hats, steel toe shoes, hand, ear and eye protection, etc.
10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

326131

Project No: 3496-002

Date: 4/10/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

**ATTENDEES**  
Harold L. Kemp  
Paul D. [unclear]  
Randy Ritter  
Don Lowry

**BRIEFER:**  
Mark E. [unclear]  
Clarence D. Hill  
Pat [unclear]  
Jon D. [unclear]

**GENERAL TOPICS**

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
4. No Smoking signs deployed at each entry/exit point. Smoking is not permitted at any time within the work area or any UST vehicle.
5. All electrical equipment must have adequate grounds. All power equipment used must have bonding straps available.
6. All tools and Personal Protective Equipment (PPE) shall be properly stowed when not in use.
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9. Use of proper PPE when in the work area, e.g. hard hats, steel toe shoes, hand, ear and eye protection, etc.
10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3896-002

Date: 4/11/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Clarence D. Hill  
James T. Kemp  
Mark E. Fisher  
Paul Wilby  
James A. Barry

BRIEFER:

Mark Auer Jr.  
Mark Auer Jr.  
Randy Ritters  
Page [unclear]  
Tom D. [unclear]

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
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10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:
 

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

326133

Project No: 3896-002

Date: 4/15/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Clarence D. Hill  
William Kemp  
Andy [unclear]  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

BRIEFER:

Mark E. [unclear]  
Mark E. [unclear]  
Randy [unclear]  
Don [unclear]  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
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10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

**326134**

Project No: 3896-002

Date: 4/16/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES  
Clarence J. Hill  
Randy Ritter  
Mark Meyer  
Walter King  
Jeff R

BRIEFER:  
Don Kuyoff  
Mark E. Stiles  
Jon W. Z.  
Cal W. Low

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
4. No Smoking signs deployed at each entry/exit point. Smoking is not permitted at any time within the work area or any UST vehicle.
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8. The location of eye wash, shower and toilet facilities.
9. Use of proper PPE when in the work area, e.g. hard hats, steel toe shoes, hand, ear and eye protection, etc.
10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

326135

Project No: 3896-002

Date: 4/17/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES  
Clarence D Hill  
Mark O. Jones  
Wayne L Kemp  
Randy Pitts  
Calvin  
Don Kempf

BRIEFER: Mark O. Jones  
John D. Z...

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
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12. Site safety equipment:

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

326136

Project No: 3896-002

Date: 4/18/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

BRIEFER:

Page LTR

Clayton D. Hill  
Mark Owen Jr  
Ed Wilson  
Randy Ritter  
Mark Estua  
William Kent  
[Signature]

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GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
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10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.

15. EMERGENCY MEDICAL PROCEDURES + ROUTE.

326137

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3896-002

Date: 4/22/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Clarence D. Hill  
Mark Auer  
Randy Ritts  
Mark E. Auer  
Paul. Z.

BRIEFER:

[Signature]  
[Signature]

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
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10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:
 

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades. etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.

15. EMERGENCY MEDICAL PROCEDURES + ROUTE

326138

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3896-002

Date: 4/23/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Clarence J. Hill  
Mark Estep  
Mark Carter Jr  
[Signature]  
[Signature]  
[Signature]  
[Signature]

BRIEFER:

Randy Keith  
Don Lawry  
[Signature]  
[Signature]  
[Signature]  
[Signature]

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
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9. Use of proper PPE when in the work area. e.g. hard hats, steel toe shoes, hand, ear and eye protection, etc.
10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:
 

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.

15. EMERGENCY MEDICAL PROCEDURES + ROUTE

326139

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3896-002

Date: 4/24/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

BRIEFER:

Clarence Q. Hill

Randy Pitt  
Mark  
Mark E. Hall  
Paul  
John L. Z.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
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9. Use of proper PPE when in the work area, e.g. hard hats, steel toe shoes, hand, ear and eye protection, etc.
10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:
 

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.
15. Emergency Medical Procedures & Route to Emergency Room (Hospital).

326140

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3896-002

Date: 4/25/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Clarence D. Hill

Mark E. Jones

Mark Jones

Walter J. Perry

John B. [unclear]

Robert [unclear]

BRIEFER: Mark E. Jones

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GENERAL TOPICS

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8. The location of eye wash, shower and toilet facilities.
9. Use of proper PPE when in the work area, e.g. hard hats, steel toe shoes, hand, ear and eye protection, etc.
10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:
 

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.
15. Emergency Medical Procedures & Route to Emergency Room (Hospital).

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3896-002

Date: 4/29/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Roger Stuard  
Mark Owen Jr  
Randy Rottke  
Mark Esten  
Robert King

BRIEFER:

Clarence D. Hill  
Carl Shivers  
Joel J.

GENERAL TOPICS

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3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.
15. Emergency Medical Procedures & Route to Emergency Room (Hospital).

326142

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3896-002

Date: 4/30/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

**ATTENDEES**

Mark Ann J...  
W...  
...  
...

**BRIEFER:**

Randy Ritter

**GENERAL TOPICS**

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3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.
15. Emergency Medical Procedures & Route to Emergency Room (Hospital).

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

**326143**

Project No: 3896-002

Date: 5/1/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

**ATTENDEES**

Randy Ritter  
Mark Owen  
William Kelly  
Mark Steen  
Carl Wilson  
Dan Schultz  
Paul Williams JEG  
Bob Davis MINE  
Jim Seery MINE

**BRIEFER:**

Caramo D. Hill  
Jon D. Z.  
Gregory Mobley Co.  
Robert Phelps F.B. McFATIRE  
P.D. Walsh TEXAS TANK  
Lydia Texas Tank  
Matthew Merritt AFBCA  
Kimberly Gude AFBCA  
Cheyle Lyser AFBCA

**GENERAL TOPICS**

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3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.
15. Emergency Medical Procedures & Route to Emergency Room (Hospital).

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3896-002

Date: 5/2/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Clarence D. Hill

Randy Pittore

Mark E. [unclear]

William [unclear]

[unclear]

[unclear]

BRIEFER: Mark Amer Jr

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Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.
15. Emergency Medical Procedures & Route to Emergency Room (Hospital).

326145

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3896-002

Date: 5/3/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Warner O. Hill

Mark E. Stever

Randy Ritter

Walter K. Peuff

Robert Sims

Mark Owen Jr

Bill [unclear]

Jim Seery

Steven [unclear]

John Latta

BRIEFER: Mark E. Stever

Cal [unclear]

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
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Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.
15. Emergency Medical Procedures & Route to Emergency Room (Hospital).

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

326146

Project No: 3896-002

Date: 5/6/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES  
Carl Wilson  
Randy Little  
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\_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_

BRIEFER: W. A. [Signature]  
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Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.
15. Emergency Medical Procedures and Route to Emergency Room.

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

326147

Project No: 3896-002

Date: 5/7/96

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ATTENDEES  
Mark E. Arey  
Wally Lewis  
Paul Johnson  
Mark Avey Jr  
[Signature]

BRIEFER: Randy Pittner  
Clarence D. Hill  
John L. [Signature]

GENERAL TOPICS

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Traffic cones, barricades, etc.	Caution tape
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UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

326148

Project No: 3896-002

Date: 5/8/96

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ATTENDEES  
Randy Ritter  
Mark Owen Jr  
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\_\_\_\_\_  
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BRIEFER: Clarence J. Hill  
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Eye protection devices  
3A; 40BC fire extinguishers  
Traffic cones, barricades, etc.  
Gloves (leather, rubber and latex)  
Emergency hand lights  
Hearing protection devices  
Head protection devices  
Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.
15. Emergency Medical Procedures and Route to Emergency Room.

**ATTACHMENT 2**

**UNIFIED SERVICES OF TEXAS INC.**

**UST UPGRADE REPORT**

**FINAL REPORT**  
**UNDERGROUND STORAGE TANK SYSTEM UPGRADES**

**Authority:**

**JEG Subcontract No. 10-K702-S-96-0003**  
**AFCEE/AFBCA PROGRAM, NAS FT. WORTH JRB,**  
**Carswell Field, Fort Worth, Texas**

Report Number: 3496-003

June 28, 1996

**Prepared for:**

Ms. Lynn Schuetter, Project Manager  
Mr. Robert C. Miller, Subcontract Manager  
**JACOBS ENGINEERING GROUP, INC.**  
600 Seventeenth Street, Suite 1100N  
Denver, Colorado 80202  
(303) 595-8855; Facsimile (303) 595-8857

**Prepared by:**

**UNIFIED SERVICES OF TEXAS, INC.**  
2110 Greenbriar Drive  
Southlake, Texas 76092  
Metro (817) 481-9510  
Fax (817) 488-1729

**RESTRICTIONS ON THE USE AND DISCLOSURE OF INFORMATION AND/OR DATA**

The information and/or data contained herein shall not be disclosed outside Jacobs Engineering Group, Inc. and shall not be duplicated, used, or disclosed in whole or in part for any purpose without authorization from Jacobs Engineering Group, Inc. This restriction does not limit the right to use information contained herein if it is obtained from another source without restriction. This restriction applies to all information and/or data contained herein.

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A	Site Vicinity Map
B	Site Plan
C	TNRCC Construction Notification
D	Permits & Inspections
E	Upgrade Equipment Information
F	Photographic Evidence
G	Chronology of Events
H	Revised Registration
I	General Correspondence

## I. NOTIFICATION TO OWNER

Unified Services of Texas, Inc. (UST) is licensed within the State of Texas, under the Texas Natural Resource Conservation Commission (TNRCC) Contractor Registration Program (CRP) and the Registered Corrective Action Specialist (RCAS) as licensee numbers 000970 and 000278, respectively. Mr. Clarence D. Hill is licensed within the State of Texas, under the TNRCC Individual License Program (ILP) as licensee number 001549, licensed to repair and install, as well as remove underground storage tank systems, "A" and "B" licenses respectively. All aspects of this project were performed under the guidance of the Petroleum Equipment Institute Recommended Practice Number 100 (PEI RP-100) and other acceptable industry practices.

As specified in Subcontract No. 10-K702-S-96-0003, Exhibit A, Statement of Work and changes thereto dated March 26, 1996, UST upgraded eleven (11) underground storage tanks with spill containment and overflow prevention, as well as various repairs and upgrades to the systems necessary to ensure minimum compliance with federal, state and local regulations, at the Naval Air Station (NAS) Fort Worth Joint Reserve Base (JRB), Carswell Field, Fort Worth, Texas (see appendices A and B). The required Thirty Day Construction Notification was provided to the TNRCC on March 11, 1996 with a proposed date to start construction on March 11, 1996 (see Appendix C). A waiver of thirty day notification was requested of and granted by Mr. Ron Scharber, TNRCC Region 4 Field Inspector on March 11, 1996.

Permit No. M11-0100-96 was issued on March 22, 1996 by the City of Fort Worth, Bureau of Fire Prevention for the upgrade of thirteen (13) underground storage tanks at twelve (12) separate locations (Building Nos. 1015, 3000, 3001, 4111, 4127, 4136, 4141, 4143, 4145, 4155, 4171, and 4216) on the Naval Air Base and Federal Medical Center property. Subsequently, site 3000 was deleted from the upgrade list by agreement between AFCEE/AFBCA and the Federal Bureau of Prisons. Digging permits were obtained from the Public Works Engineering Branch, NAS Fort Worth JRB, for each of the remaining eleven (11) locations where underground storage tanks were upgraded. Copies of all permits are included in Appendix D.

Contained within this report are copies of data collected during the field operations and other pertinent data sources. Site maps and plans are contained in Appendices A and B respectively. Applicable regulatory notifications are contained in Appendices C and D. Information regarding the equipments used for the upgrades is contained in Appendix E, photographic evidence of the

installations is contained in Appendix F, a chronology of events is included as Appendix G, a copy of the revised registration is included in Appendix H (the original copy has been forwarded to the TNRCC), and any additional general correspondence pertaining to this project is contained in Appendix I.

In accordance with Exhibit B, Subcontract No. 10-K702-S-96-0003, five (5) copies of this report have been provided to Ms. Lynn Schuetter, Project Manager and Mr. Robert C. Miller, Subcontract Manager, Jacobs Engineering Group, Inc. for distribution to AFCEE, AFBCA NAS Fort Worth JRB, the TNRCC, the City of Fort Worth Fire Prevention Bureau, attention Captain W.L. Pierce, and one for retention by JEG in their contract files. An original copy is also retained on file in UST's office.

## **II. EXECUTIVE SUMMARY**

To ensure compliance with Title 40, Code of Federal Regulations, Parts 280 and 281, and Title 30, Texas Administrative Code, Part I "Environmental Quality", Subchapter 334, the Air Force Center for Environmental Excellence (AFCEE) in support of the Air Force Remedial Action Program, contracted for the installation of the required spill and overflow protection upgrades on eleven (11) underground storage tanks located at Naval Air Station Fort Worth Joint Reserve Base, Carswell Field, Fort Worth, Texas.

UST completed the installation of the above upgrades on May 8, 1996. A final systems test was completed and proper operation of the systems was observed prior to returning the systems to full service.

## **III. INTRODUCTION AND PURPOSE**

The purpose of this Subcontract was to obtain services for the installation of the required upgrades and repair of the existing storage tank system to ensure compliance with federal, state and local regulations, in support of the Air Force Remedial Action Program, Jacobs Engineering Group's prime contract number USAF/F41624-94-D-8116, issued by the Air Force Center for Environmental Excellence (AFCEE).

Unified Services of Texas, Incorporated (UST) provides this report on the installation of required upgrades and improvements at NAS Fort Worth JRB, Fort Worth, Texas, for the purpose of documenting the field activities conducted at the site and the observations made during the installation of the upgrades. This report provides the data and information necessary to assess the actions taken as well as any actions which may remain incomplete. The following representatives of the companies and agencies listed participated in this UST investigative and repair procedure.

**Responsibility**

**Identification**

Fuel/Tank System Owner  
Owner ID# 04532  
Facility ID #0009696

United States Air Force  
NAS Fort Worth JRB  
Carswell Field  
Fort Worth, Texas 76127

**Contractor's Team Members**

Prime Contractor  
Contract #USAF/F41624-94-D-8116

Jacobs Engineering Group, Inc.  
Ms. Lynn Schuetter, Project Manager  
Mr. Robert C. Miller, Subcontract Manager  
600 17th Street, Suite 1100N  
Denver, Colorado 80202  
(303) 595-8855; Facsimile (303) 595-8857

JE Remediation Technologies, Inc.  
Mr. John C. McManus, Site Manager  
P. O. Box 52667  
Houston, Texas 77052  
(817) 737-7237; Facsimile (817) 737-7217

**Subcontractors**

SCN #10-K702-S-96-0003

Unified Services of Texas, Inc.  
Mr. Clarence D. Hill, President  
2110 Greenbriar Drive  
Southlake, Texas 76092  
(817) 481-9510; Facsimile (817) 488-1729

Waste & Storm Water

Mobley Environmental Services, Inc.  
Bill Bronson  
2107 Quincy Street  
Dallas, Texas 75212  
(214) 637-6264; Facsimile (214) 637-2551

Concrete Pavement

Tompkins Concrete  
P. O. Box 161096  
Fort Worth, 76161  
(817) 748-0819

#### IV. UNDERGROUND STORAGE TANK SYSTEM UPGRADE

326155

Based upon recent changes in the requirements of existing federal and state petroleum storage tank regulations, upgrades were completed for this facility to ensure compliance. The eleven (11) underground storage tanks and associated piping systems have been a part of a continuous testing and monthly monitoring program implemented by UST using *Tracer Tight*® technology. All eleven (11) tank systems have demonstrated passing results over the duration of the monthly monitoring program to date, approximately three (3) years.

Installation procedures and equipment specifications were adhered to by UST in accordance with 30 TAC Section 334.51. Each tank was upgraded using either an OPW 1C-2100, OPW 1C-2105, or Universal 76CD-1608 spill containment manhole. The OPW spill containment manholes provide a five (5) gallon capacity container, pull-to-open internal drain, and cast iron covers. The Universal model is an aboveground, seven (7) gallon capacity container with an internal drain. The overflow prevention devices used were either an OPW 233/53 series extractor vent and ball float assembly, an OPW 61SO shut-off valve installed within a drop tube, or a Western Electronic Sonalert tank overflow alarm. Tight fill adapters and fill caps were installed as required. All exposed metal fittings were wrapped and coated for protection from corrosion. Repairs made to the tank systems that were originally outside the scope of effort but subsequently included as extras included:

- Site 1015 - repaired and relocated the vent line due to placement and size of bungs on the tank. Since the vent line was butt welded, it could not be reinstalled in its original location.

- Site 3001 - tank is fiberglass reinforced plastic (FRP) and was installed only nine and one-half inches (9.5") below finish soil grade. This condition is not acceptable within standard industry practices. UST added fill material to mound the tank up to an eighteen inch (18") minimum depth and added a larger than planned concrete finish grade pad for protection. The vent was relocated due to it being butt welded and could not be reinstalled in its original location. The vent is now directly above the tank, protected by the concrete pad.

- Site 4127 - all product and vent piping was replaced due to advanced corrosion most likely caused by the entire tank system being grounded to a common electrical ground.

This situation was likely the result of an electromagnetic survey conducted previously, since this tank provides fuel for the emergency generator at this high voltage switching site. The tank is physically installed underneath a chain link fence protecting the high voltage switching units. New vent and product piping was installed adjacent to the fence, but outside the fence and away from the high voltage switching units.

Site 4145 - the one inch (1") vent line had to be replaced due to being too small in diameter. Recommended industry practices require the vent line to be at least one-half the diameter of the fill tube. The fill riser on this tank is four inches (4") in diameter, thereby requiring the vent to be at least two inches (2") in diameter. The vent line was also extended to the proper height of two feet (2') above the roof line. The concrete pad at this site was noted to have settled on one end approximately two inches (2"), making the lid on the OPW-104 manhole rest on the riser attached to the tank. The reason for the settlement was likely hard rain combined with inadequate compaction. On June 17, the site was inspected and no settlement was noted. However, it was noted that the mowers had damaged both monitoring wells, dislodged their protective manholes and destroyed one orange tight fitting lid. UST replaced the lid and reset each manhole back over the monitoring wells. Permanent repairs should be effected as soon as possible to prevent further damage and/or an increased opportunity for undesired contamination. On July 2, subsequent to a final inspection by AFCC/AFBCA/JEG, UST lifted the concrete pad, re-compacted the site and re-set the pad at the proper height (see Appendix F for most recent photograph).

Site 4155 - the vent was extended to the proper height above the roof line.

Site 4171 - the vent was extended to the proper height above the roof line.

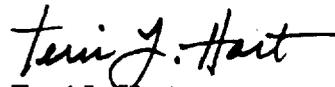
Site 4216 - this tank was originally listed as a fiberglass coated steel tank with no concrete finish grade installed to protect the risers and manway, but was discovered to be a fiberglass reinforced plastic (FRP) tank instead. The tank was installed only eleven inches (11") below soil finish grade and was not protected from damage by being run over or struck by mowers or other vehicles. UST added additional backfill material over the tank to a level of approximately twenty inches (20") and installed a

larger than planned concrete finish grade pad to provide the required protection. UST extended the vent line to the proper height above the roof line.

Upgrade and repair activities began on April 11, 1996 and were considered complete on May 28, 1996. Upon completing the installation of the upgrades and repairs, all systems were tested and observed to be operating as designed. Each tank was tested by UST using *Tracer Tight*® technology following the completion of all upgrades with passing results.

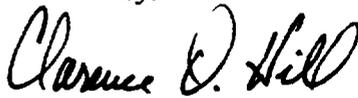
Unified Services of Texas, Inc. provides the information contained herein based on field observations and activities conducted from March 11, 1996 through June 17, 1996, as well as from any information provided and deemed to be accurate by other competent sources involved, whether directly or indirectly received. It is recommended that this report be included as a permanent part of NAS Fort Worth JRB's petroleum storage tank system records and a copy be maintained on site. UST appreciates the opportunity to serve your petroleum fueling and storage tank system needs and looks forward to assisting you in any future requirements. If after you review the information contained herein you have questions, or if I may be of further assistance, please contact me at (817) 481-9510.

Respectfully submitted,



Terri L. Hart  
Environmental Technician

Reviewed by:

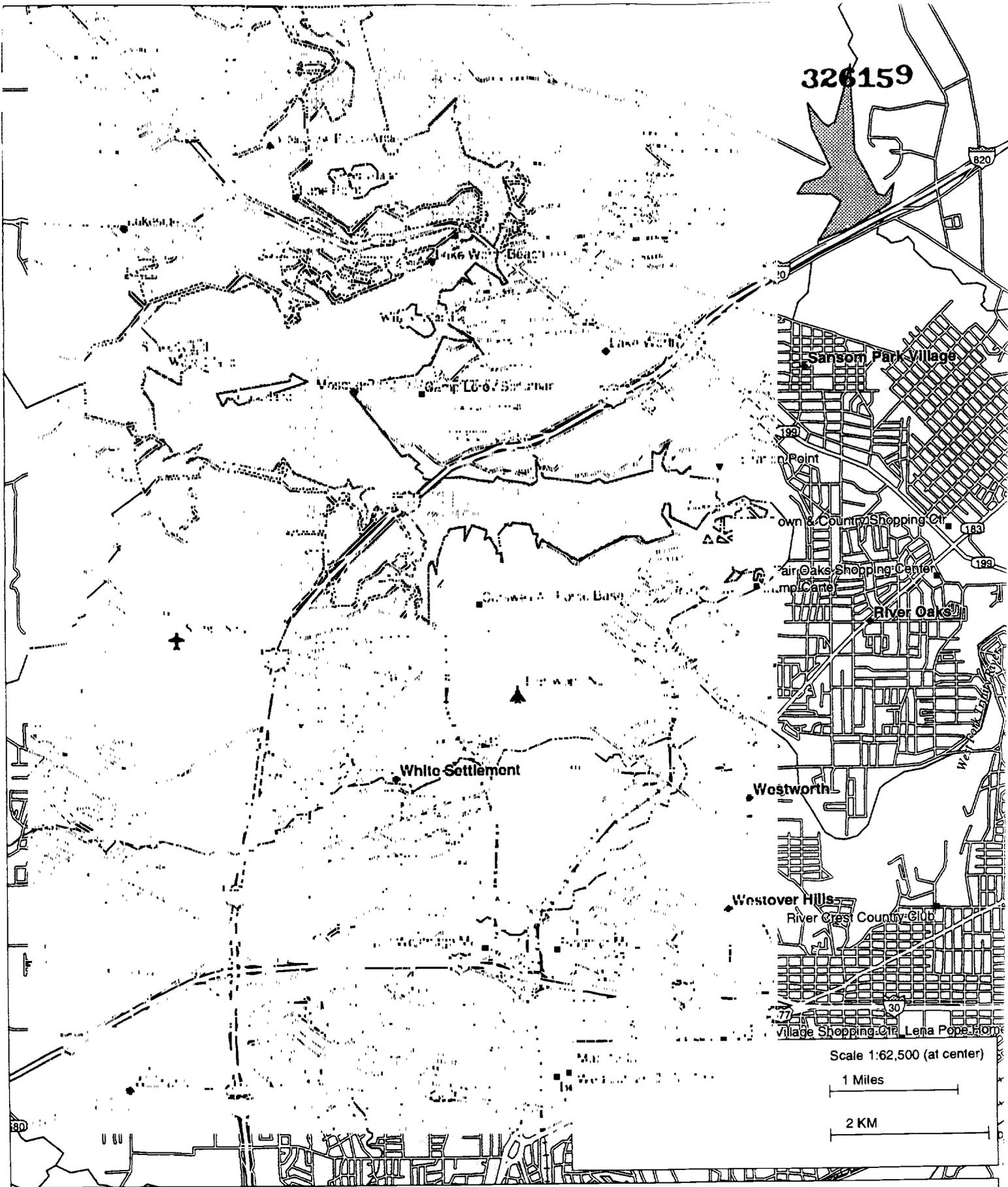


Clarence D. Hill  
President

**326158**

**APPENDIX A  
SITE VICINITY MAP**

326159



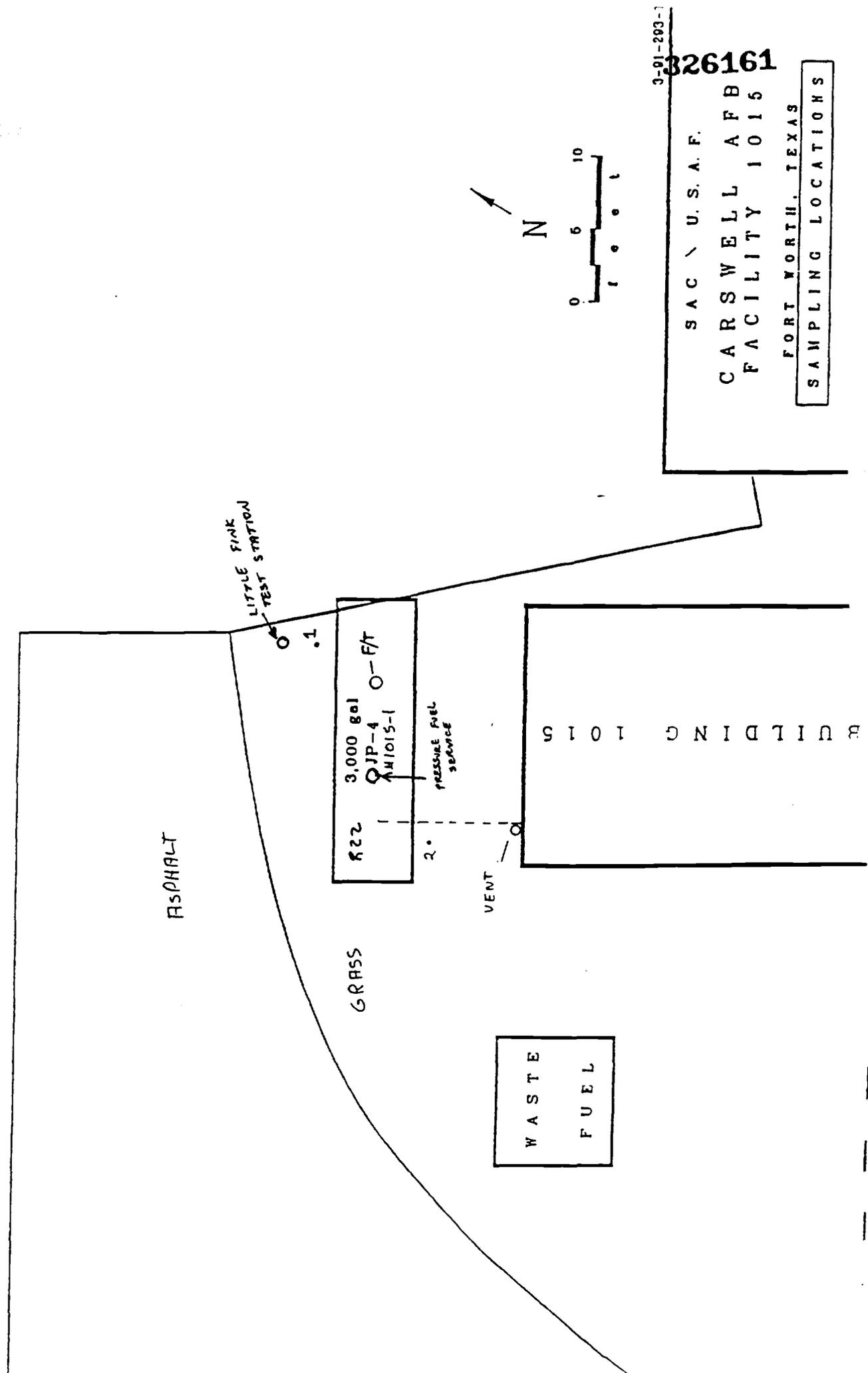
# NAS Carswell JRB, Ft. Worth, TX

**326160**

**APPENDIX B**  
**SITE PLANS**

# EXPLANATION

• 1 Sampling Probe Location



3-91-203-1

326161

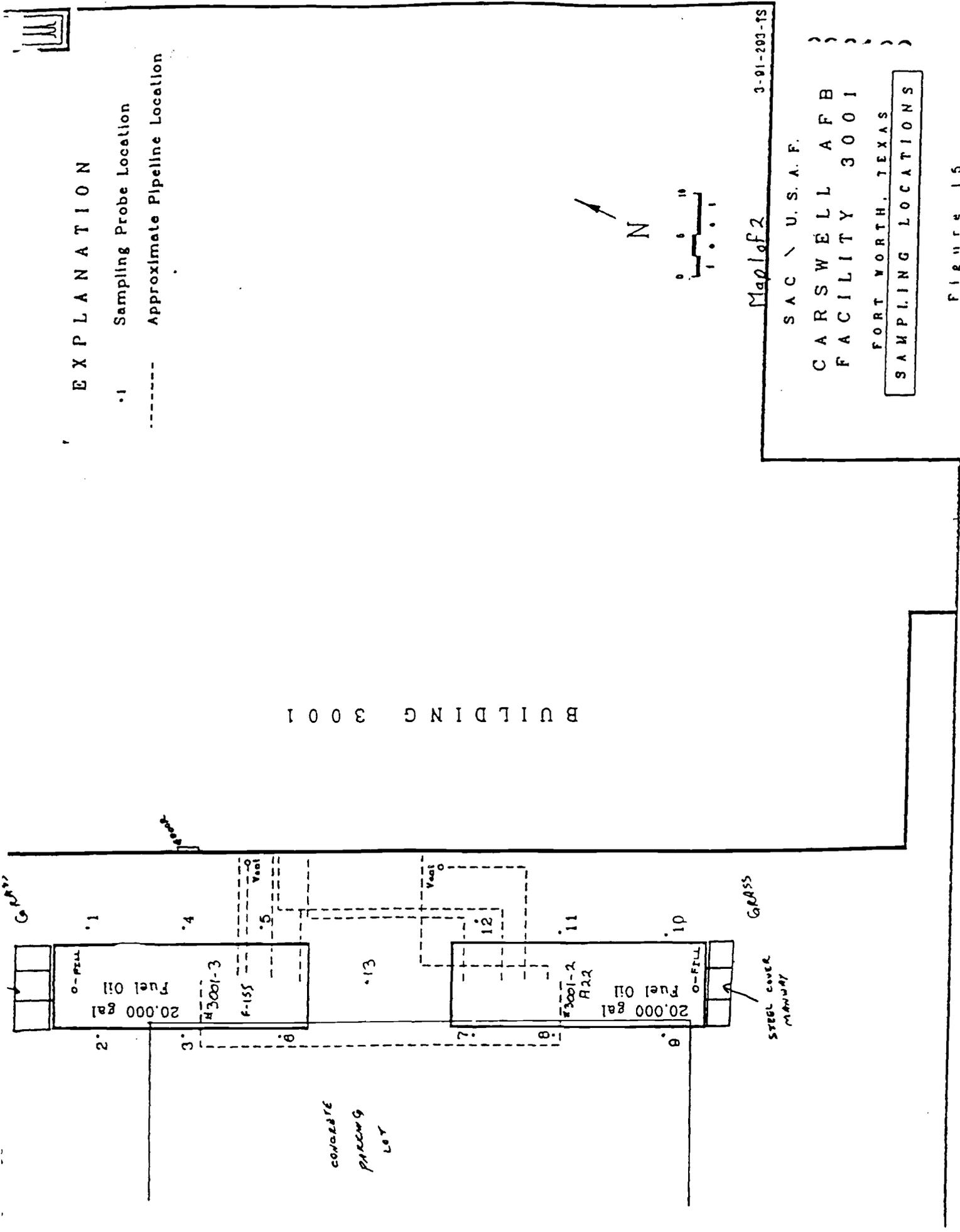
SAC \ U.S.A.F.

CARSWELL AFB  
FACILITY 1015

FORT WORTH, TEXAS

SAMPLING LOCATIONS

BUILDING 3001



EXPLANATION

- 1 Sampling Probe Location
- Approximate Pipeline Location

Map of 2

3-01-203-15

SAC \ U.S.A.F.

CARSWELL AFB

FACILITY 3001

FORT WORTH, TEXAS

SAMPLING LOCATIONS

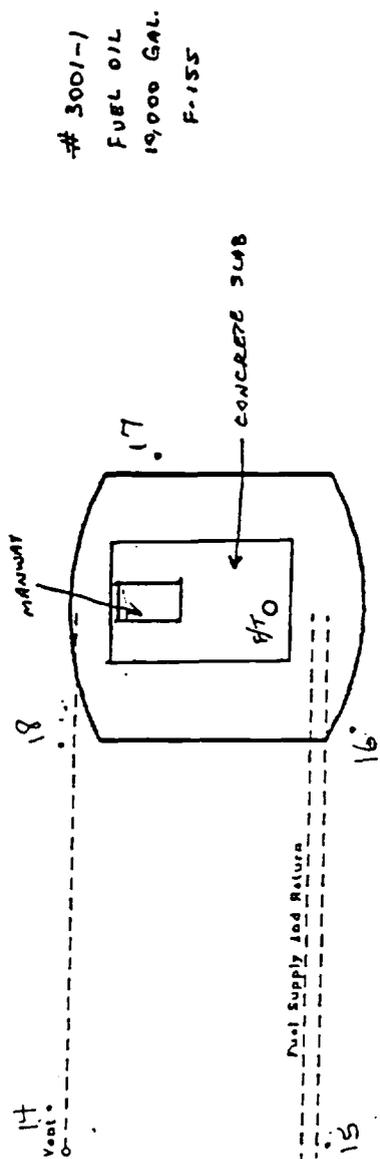
Figure 15

# EXPLANATION

• 1 Sampling Probe Location

----- Approximate Pipeline Location

GRASS



Map 2 of 2

3-91-293-15

SAC \ U.S.A.F.  
**326163**  
CARSWELL AFB  
FACILITY 3001  
FORT WORTH, TEXAS  
SAMPLING LOCATIONS

Figure 10

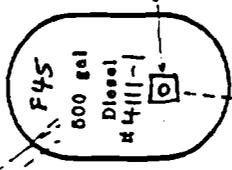
EXPLANATION

- 1 Sampling Probe Location
- Approximate Pipeline Location

BUILDING 4111

Asphalt

GRASS

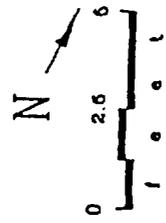


Post O

Post O

Post O

Post O



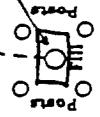
3-91-293-TS

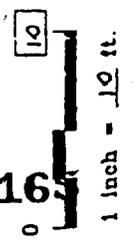
SAC \ U.S.A.F.  
 CARSWELL AFB  
 FACILITY 4111  
 FORT WORTH, TEXAS  
 SAMPLING LOCATIONS

326164

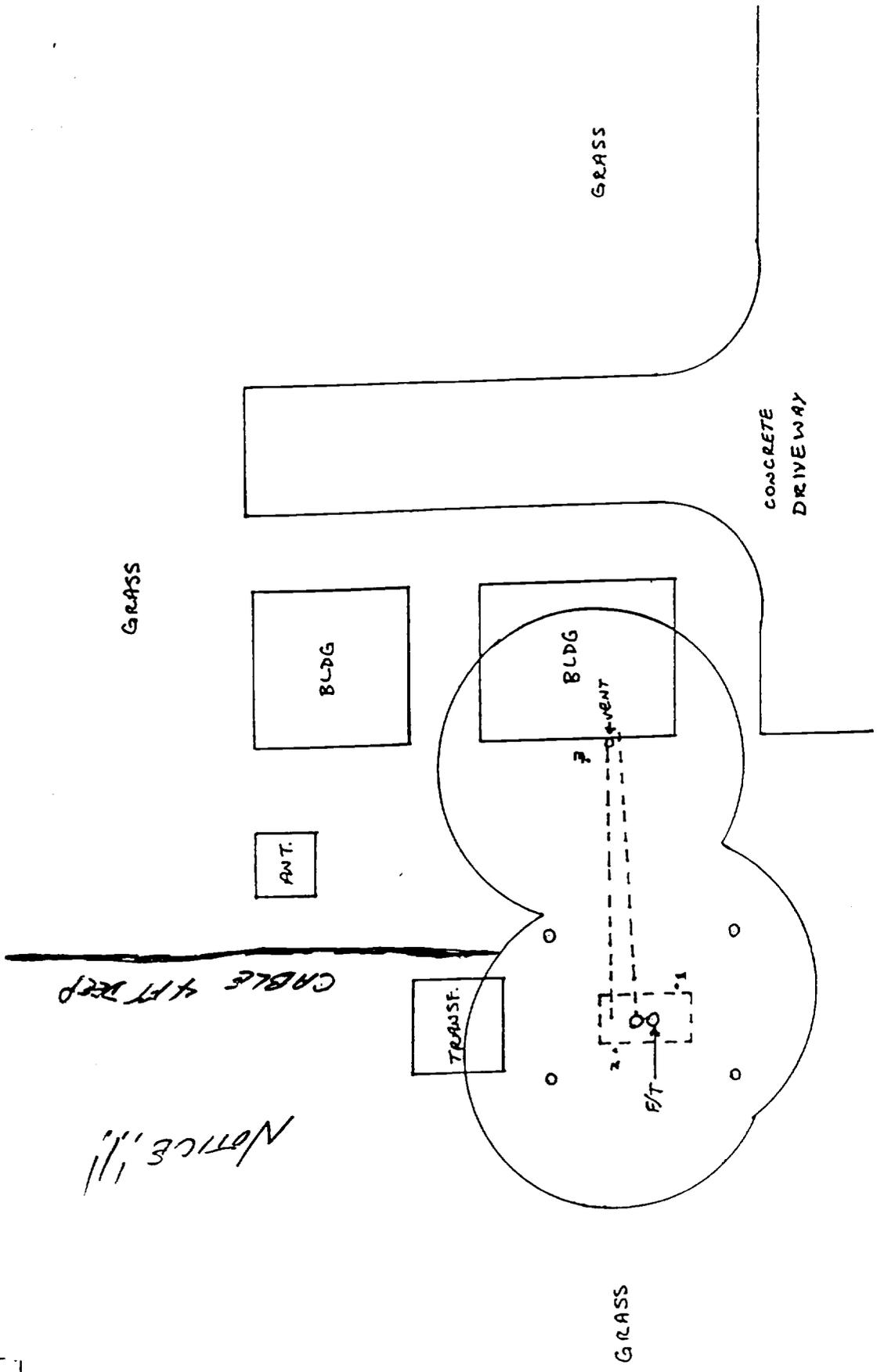
Figure 21

CONCRETE PAD





32616



TANK # 4136-1  
DIESEL  
300 GALLON  
F-45

CARSWELL AIR BASE

!! Out Form Completely !! Please Print Clearly !!

Map Check List

- Tank Outlines
- Piping Locations
- Dispensers Identified
- Vent Pipes
- Fill Locations
- Nearby Buildings
- Ground Coverings
- Blank Location
- North Direction
- Monitoring Wells

Numbered Probe Locations

Length	Probe Lengths		Total Number Of Probes
	1.5'	5'	
Number Of Probes	1	2	3

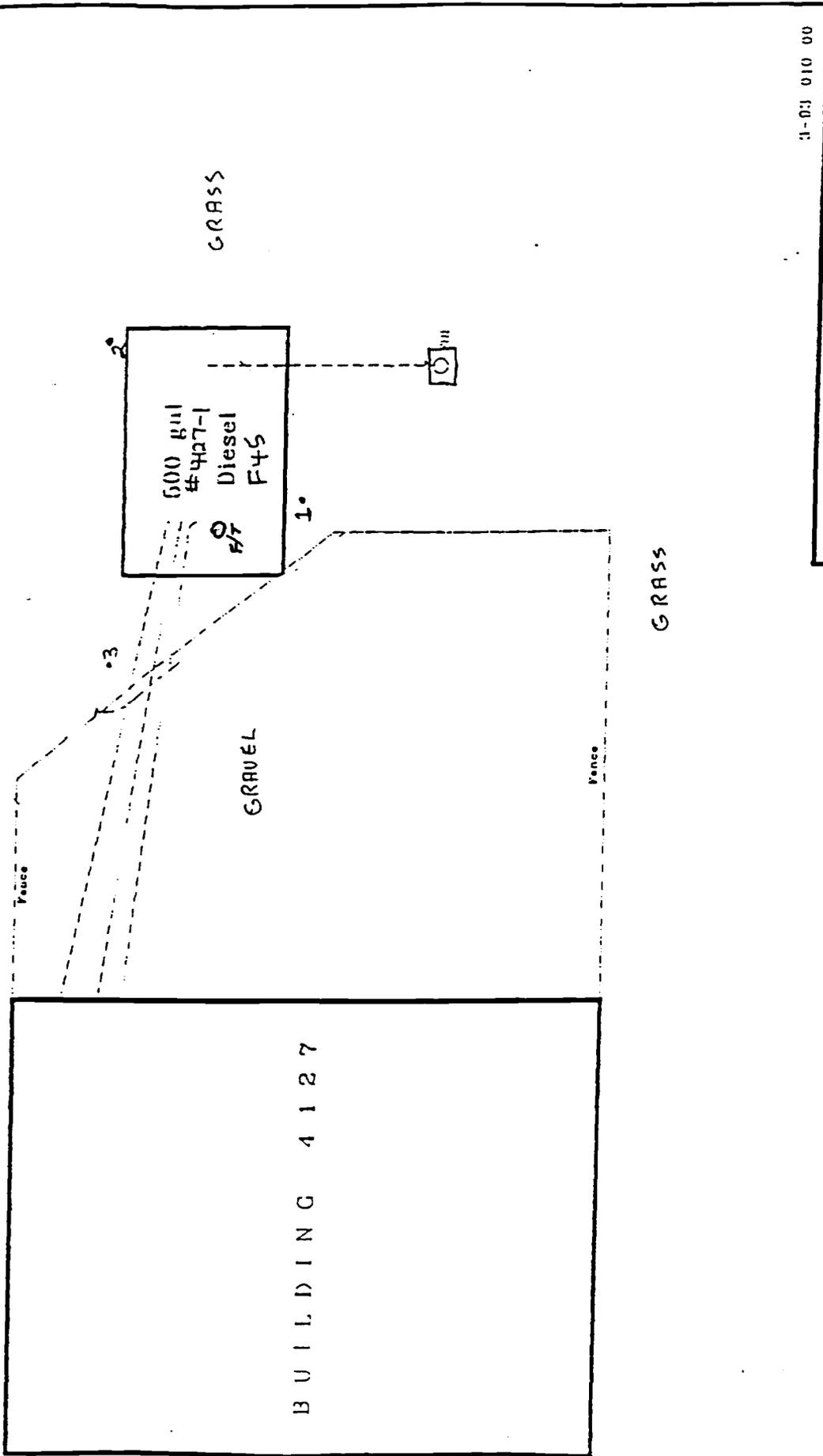
Tank Details

- Tank Number
- Tank Size
- Tank Product
- Tracer In Tank
- Fill Pipe
- Sump Pump
- Manifolds

Total Number Of Tanks On Site: 1

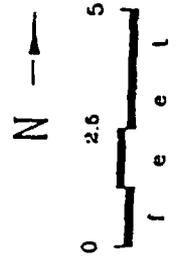
Total Number Of Tanks Tested: 1

Tracer Research Corporation



ACC \ U. S. A. F.  
 CARSWELL AFB  
 FACILITY 4127  
 FORT WORTH, TEXAS

SAMPLING LOCATIONS



X P L A N A T I O N

Sampling Probe Location

Approximate Pipeline Location

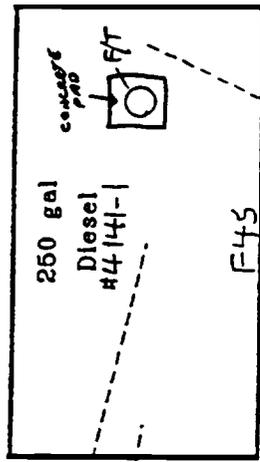
BUILDING 4141

Tracer Research Corporation

VENT

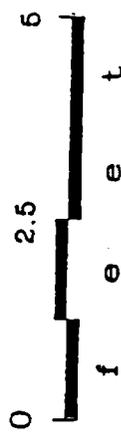
EXPLANATION

- 1 Sampling Probe Location
- Approximate Pipeline Location



GRASS

GRASS



94-8800-33

32616

SAC \ U.S.A.F.  
CARSWELL AFB  
FACILITY 4141

FORT WORTH, TEXAS

SAMPLING LOCATIONS

concrete pad



2

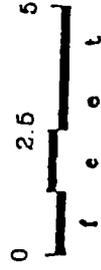
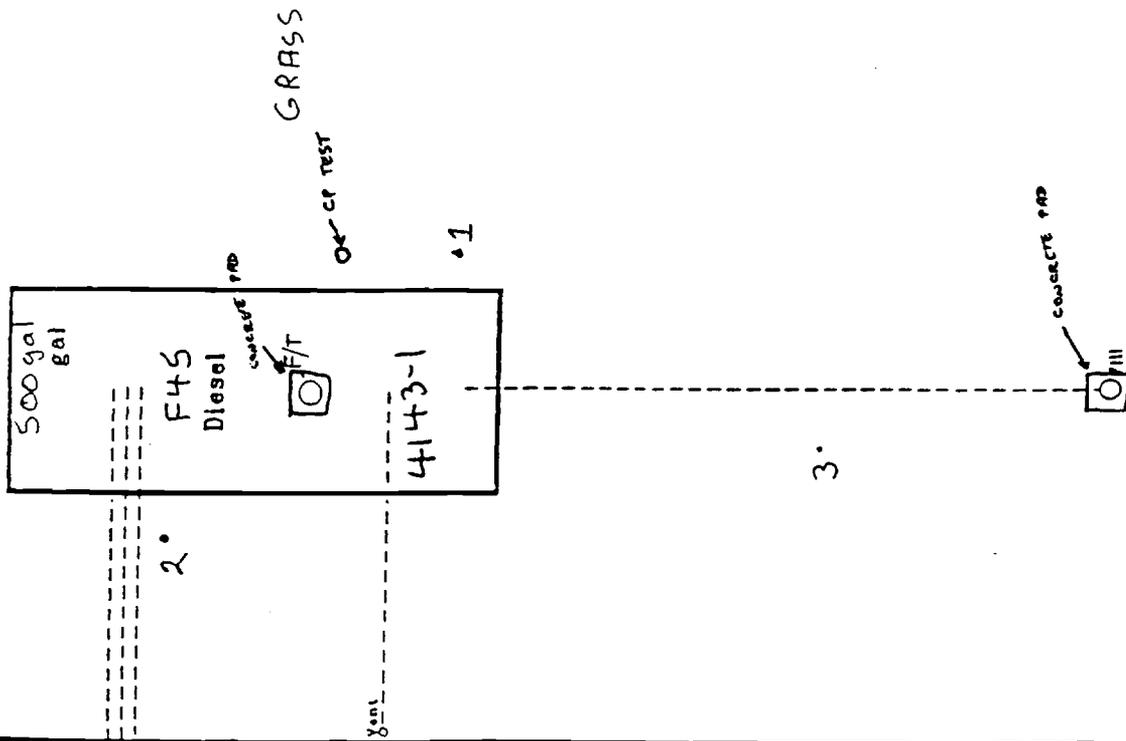
1

3

BUILDING 4143

EXPLANATION

- 1 Sampling Probe Location
- Approximate Pipeline Location



1:40

3-91-203-75

326168

SAC \ U. S. A. F.

CARSWELL AFB  
FACILITY 4143

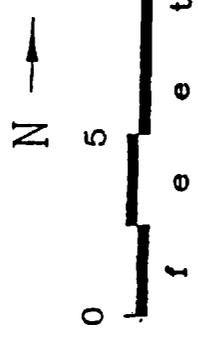
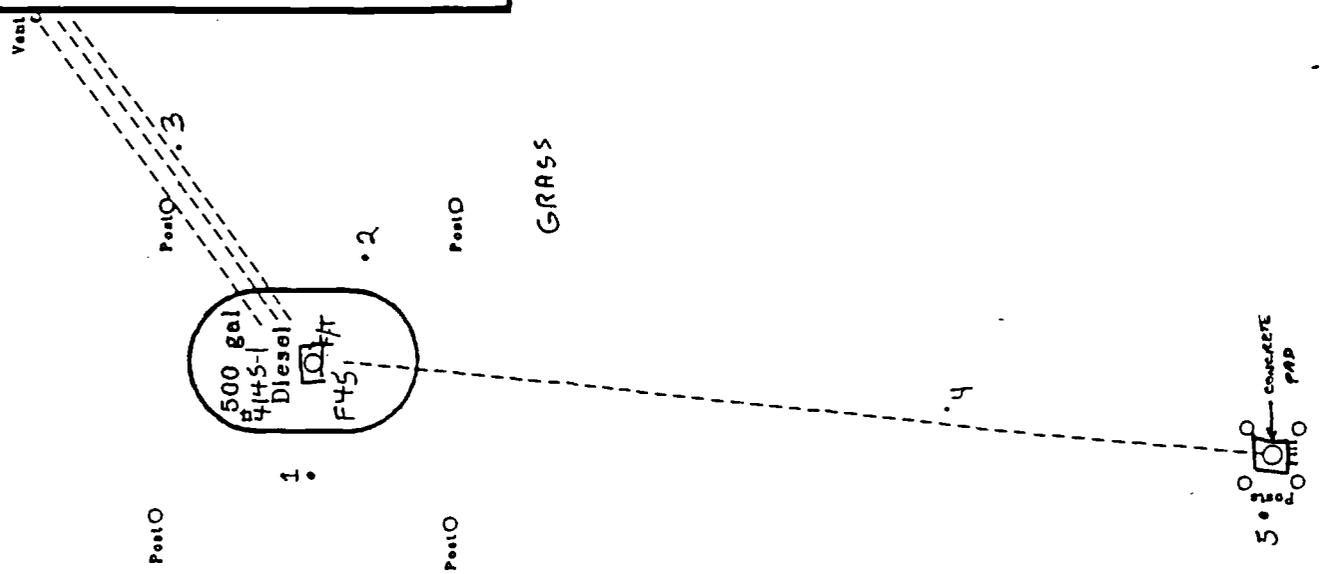
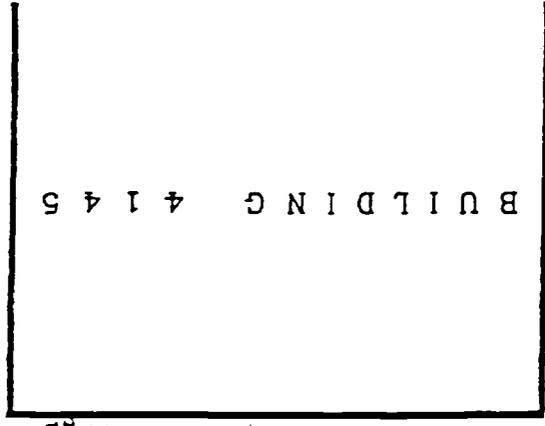
FORT WORTH, TEXAS

SAMPLING LOCATIONS

Figure 2-1

# EXPLANATION

- 1 Sampling Probe Location
- Approximate Pipeline Location



3-91-293-7

326169

SAC \ U.S.A.F.  
 CARSWELL AFB  
 FACILITY 4145

FORT WORTH, TEXAS

SAMPLING LOCATIONS

EXPLANATION

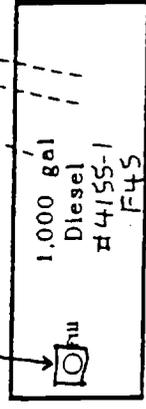
- Sampling Probe Location
- Approximate Pipeline Location

BUILDING 4155

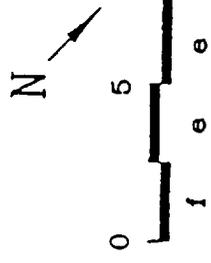
Asphalt

Vent

CONCRETE PAD



Gravel/Stones



9-01-203-

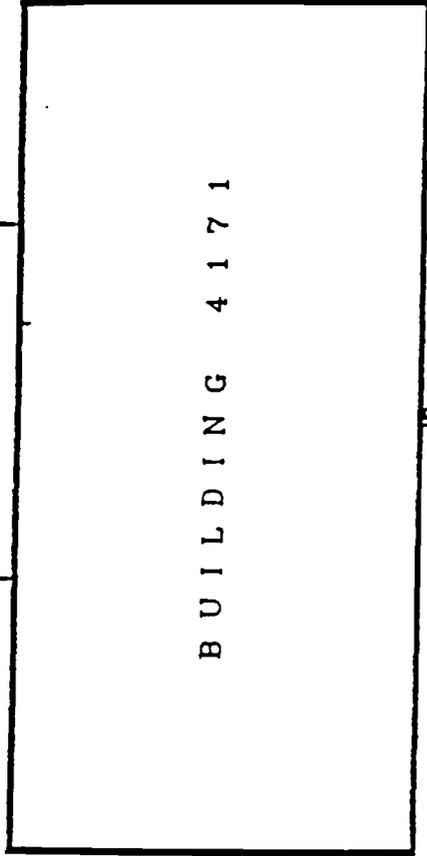
326170

SAC \ U.S.A.F.

CARSWELL AFB FACILITY 4155

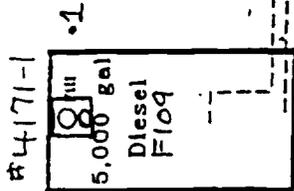
FORT WORTH, TEXAS

SAMPLING LOCATIONS



GRASS

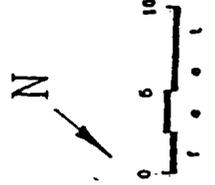
GRASS



10-VENT



Fence



EXPLANATION

• 1 Sampling Probe Location

----- Approximate Pipeline Location

328171

91-283-TS

SAC \ U.S.A.F.

CARSWELL AFB  
FACILITY 4171

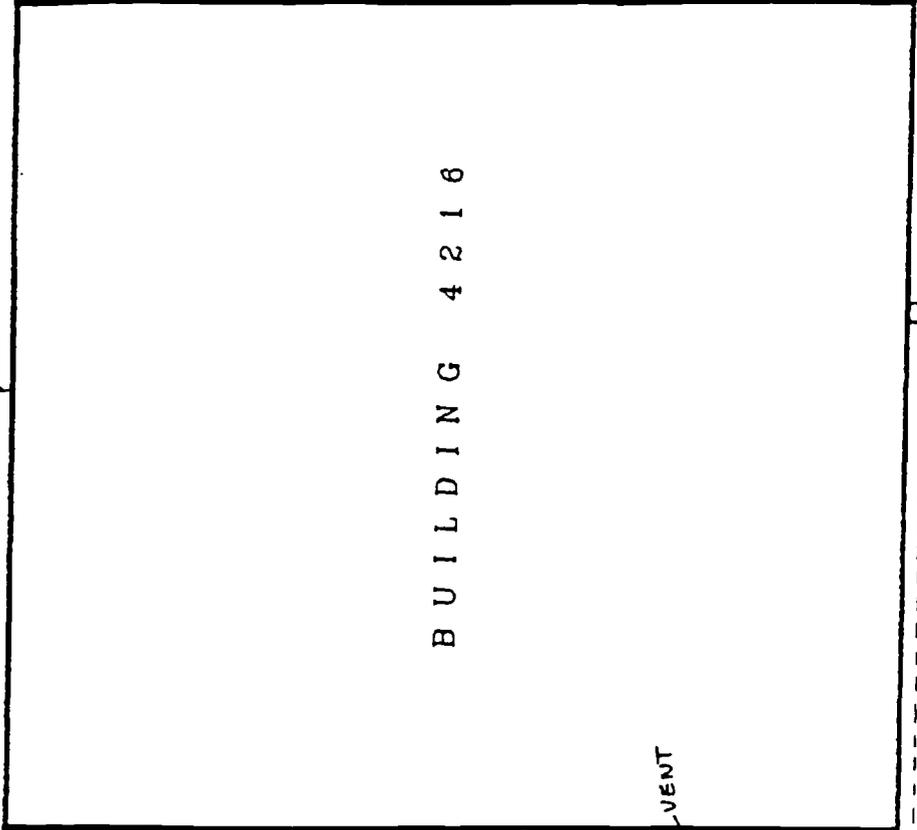
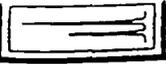
FORT WORTH, TEXAS

SAMPLING LOCATIONS

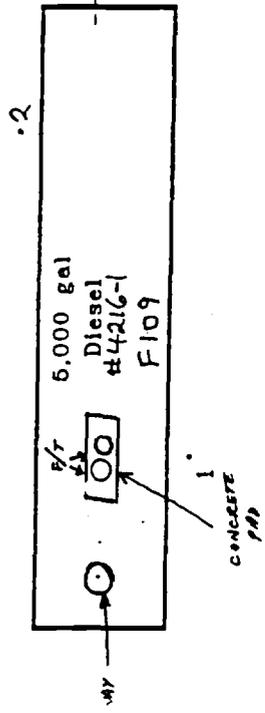
1 R

94-8826-33

Tracer Research Corp 1100



GRASS



4  
11.5

GRASS

33-283-TS

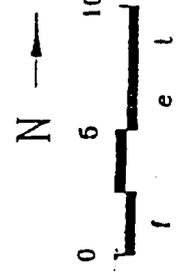
326172

SAC \ U. S. A. F.

CARSWELL AFB  
FACILITY 4216

FORT WORTH, TEXAS

SAMPLING LOCATIONS



EXPLANATION

• Sampling Probe Location

----- Approximate Pipeline Location

326173

**APPENDIX C**  
**TNRCC CONSTRUCTION NOTIFICATION**

Texas Natural Resource Conservation Commission  
UNDERGROUND & ABOVEGROUND STORAGE TANK  
CONSTRUCTION NOTIFICATION FORM **326174**

- 1.  Underground Storage Tank (UST)  Aboveground Storage Tank (AST)
- 2.  Stage I  Stage II (Vapor Recovery) CARB order # \_\_\_\_\_

- 3. TYPE OF CONSTRUCTION: (Indicate all that apply)
- Installation  Replacement  Improvement
- Removal  Abandonment  Other (Specify) \_\_\_\_\_

4. FACILITY LOCATION INFORMATION:

Facility Name NAS Fort Worth JRB

Address/Location: (No P.O. Box) Multiple locations  
on Subject Facility

County: Tarrant City: Fort Worth

Facility No.: 0009696

Telephone: (817) 731-8973 Ext. 18

5. OWNER INFORMATION:

Owner: Carswell AFB/AFBCA

Representative: Alan Flolo, Engineering

Address: 6550 White Settlement Road

City/State/Zip: Fort Worth, TX 76114-3520

Telephone: (817) 731-8973-Ext. 18

6. CONSULTANT INFORMATION:

Company: Unified Services of Texas, Inc.

Representative: Clarence D. Hill

Address: 2110 Greenbriar Drive

City/State/Zip: Southlake, Texas 76092

7. CONTRACTOR INFORMATION:

Company: Unified Services of Texas, Inc.

Representative: Clarence D. Hill

Address: 2110 Greenbriar Drive

City/State/Zip: Southlake, Texas 76092

CRP#: 000970 ILP#: 001549

8. GENERAL DESCRIPTION OF PROPOSED UST/AST ACTIVITY:

**\*\*Revision to Notification filed 3/11/96\*\*** Changes made to Facility Location  
and Owner Information only. Furnish all equipment and materials required  
to upgrade (13) underground storage tank and piping systems with spill  
and overflow protection.

9. SCHEDULE/DATES FOR PROPOSED CONSTRUCTION:

Construction activities are scheduled  
to begin March 11, 1996. Waiver granted  
by Mr. Ron Scharber, Dist. 4  
on March 11, 1996.

10. SUBMITTED BY (SIGNATURE): *Clarence D. Hill* 3/14/96

Clarence D. Hill, President (date)

Title & Company: Unified Services of Texas, Inc.

11. MAIL COMPLETED FORM TO:

Texas Natural Resource Conservation Commission  
Petroleum Storage Tank Division  
P.O. Box 13087  
Austin, Texas 78711-3087

**TNRCC STAFF USE ONLY**

Date Rec'd: \_\_\_\_\_

Region: \_\_\_\_\_

Remarks: \_\_\_\_\_

Tracking No.: \_\_\_\_\_

Logged By: \_\_\_\_\_

**Texas Natural Resource Conservation Commission**  
**UNDERGROUND & ABOVEGROUND STORAGE TANK 326175**  
**CONSTRUCTION NOTIFICATION FORM**

1.  Underground Storage Tank (UST)                       Aboveground Storage Tank (AST)
2.  Stage I                       Stage II (Vapor Recovery)                      CARB order # \_\_\_\_\_
3. TYPE OF CONSTRUCTION: (Indicate all that apply)
- Installation                       Replacement                       Improvement
- Removal                       Abandonment                       Other (Specify) \_\_\_\_\_

4. FACILITY LOCATION INFORMATION:
- Facility Name Carswell AFB (NAS, FT. WORTH JRB)                      5. OWNER INFORMATION:
- Address/Location: (No P.O. Box) \_\_\_\_\_                      Owner: Carswe-1 AFB (Owner ID: 04532)
- Bldg. 1255 Carswell AFB                      Representative: Alan Flolo, Engineering
- County: Tarrant                      City: Fort Worth                      Address: 607 CES/CEV
- Facility No.: 0009696                      City/State/Zip: Fort Worth, TX 76127
- Telephone: (817) 731-8973 Ext. 18                      Telephone: (817) 731-8973-Ext. 18

6. CONSULTANT INFORMATION:
- Company: Unified Services of Texas, Inc.                      7. CONTRACTOR INFORMATION:
- Representative: Clarence D. Hill                      Company: Unified Services of Texas, Inc.
- Address: 2110 Greenbriar Drive                      Representative: Clarence D. Hill
- City/State/Zip: Southlake, Texas 76092                      Address: 2110 Greenbriar Drive
- CRP#: 000970                      ILP#: 001549

8. GENERAL DESCRIPTION OF PROPOSED UST/AST ACTIVITY:
- Furnish all equipment and materials required to upgrade (13) Underground
- Storage Tanks and Piping Systems with Spill and overfill protection.

9. SCHEDULE/DATES FOR PROPOSED CONSTRUCTION:
- Construction activities are scheduled
- to begin March 11, 1996. Waiver
- granted by Mr. Ron Scharber, Dist 4
- on March 11, 1996.
10. SUBMITTED BY (SIGNATURE)                      Clarence D. Hill                      3/11/96
- Clarence D. Hill, President                      (date)
- Title & Company: \_\_\_\_\_
- Unified Services of Texas, Inc.

11. MAIL COMPLETED FORM TO:

Texas Natural Resource Conservation Commission  
 Petroleum Storage Tank Division  
 P.O. Box 13087  
 Austin, Texas 78711-3087

**TNRCC STAFF USE ONLY**

Date Rec'd: \_\_\_\_\_

Region: \_\_\_\_\_

Remarks: \_\_\_\_\_

Tracking No.: \_\_\_\_\_

Logged By: \_\_\_\_\_

326176

**APPENDIX D**  
**PERMITS & INSPECTIONS**

APPLICATION FOR PERMIT

326177

TYPE PERMIT SEE BELOW PERMIT NO. M11-0100-96  
AMOUNT 425.00 DOLLARS RECEIPT NO. 01414 DATE 3/22/56

To: Chief of the Fire Department, Fort Worth, Texas:

Application is hereby made by the undersigned for a Permit to

Use  
Install  
Operate  
Conduct

in or on the premises known as Naval Base Street or Avenue.

BUSINESS NAME: Naval Base / U.S.T.

Describe briefly what type of business or operation will be conducted and if hazardous materials are to be used list each one.

1411-1 4102-1  
1518-5 4210-1  
1750-2 3001-2 } TANK REMOVAL  
@ 25.00 each

1015-1 4141-1  
3000-1 4143-1  
4111-1 4145-1  
4127-1 4155-1  
4136-1 4171-1  
4216-1 } System Upgrade  
@ 25.00 each

Conditions, surroundings and arrangements to be in accordance with the Fire Prevention Ordinance.

UNIFIED SERVICES OF TEXAS, INC  
Name of Applicant

2110 BRIDGE BLVD, SOUTH WICK  
Address of Applicant

Complete plans and construction details must be filed on all major projects and requested by the Chief of the Fire Department.

(OVER)

DIGGING PERMIT

600

1017

[ ] ROICC INITIATED [ ] PW INITIATED CONTRACT [ ] PW INITIATED IN-HOUSE

THIS FORM MUST BE APPROVED AT LEAST TEN (10) DAYS PRIOR TO DIGGING

326178

TRACTOR'S NAME: United Services of Texas Beeper 425-9883

CONTRACT NO (IF APPLICABLE): Removal of Oil Tank 1015 ROARING SPRINGS

Request permission to dig in location(s) shown on the attached sketch. This area shall be field marked by the requester before the digging permit is submitted.

NAS JRB Carswell  
FORT WORTH TX  
14, 16, 70!

Alan L. Flock

AFICAT

7/6/12

Contractor's Representative

Title

Date

(817) 731-8973 x18

ENCLOSURES/DRAWINGS PROVIDED (X)

- (1) SEWER LINE
- (2) GAS LINE
- (3) WATER LINE
- (4) STORM LINE
- (5) UNDERGROUND ELECTRICAL
- (6) CATHODIC PROTECTION BEDS
- (7) LAWN SPRINKLER SYSTEM
- (8) TELEPHONE LINES - COMM. OR MIL.
- (9) WEATHERVISION CABLE
- (10) OTHER (FUEL ETC.)

- Enclosures, as indicated, are provided for the above listed location only. For other locations new permits are required.
- As shown on the drawing(s), underground utilities are in the area and extreme care shall be used while digging or excavating. The drawings do not show exact locations and are to be used as guides only. When in doubt hand digging will be used. For more information have your Government Contractor Representative call Public Works Maintenance (MCD) at 6380.
- Digging hours are between 8:00 AM and 4:00 PM Monday thru Friday. No digging will be permitted outside these hours or on Federal Holidays, except as approved in advance.
- If any utilities are damaged call MCD at 6380 immediately. In case of natural gas or fuel line damage also call the Fire Dept. at 6330. After 4:00 PM call the OOD (Officer on Duty) Beeper No. (817) 493-7836, Base. Ext. 7151, Carswell Inn, Rooms 131 and 132 and have them contact QUEBEC 8.
- Any utilities found that are not on drawings shall be marked on the drawing and returned to the Public Works Engineering Branch.

(817) 737-7237

7826377

ROUTING LIST

- John McManus Jacob's 22 Mar 96  
ROICC Construction Rep. or PW Contract Surv. Rep. or PW Maint. Craftsman/Seabee Date Engineer Tech.
- Robert Williams 25 Mar 96  
301st Communication Date
- SABRINA: 76085/573 25 MAR 96  
DIG SW Bell Test Date
- Gordon Miller 22 Mar 96  
Supervisory Engineer Date

Shay W. Davis 3-26-96

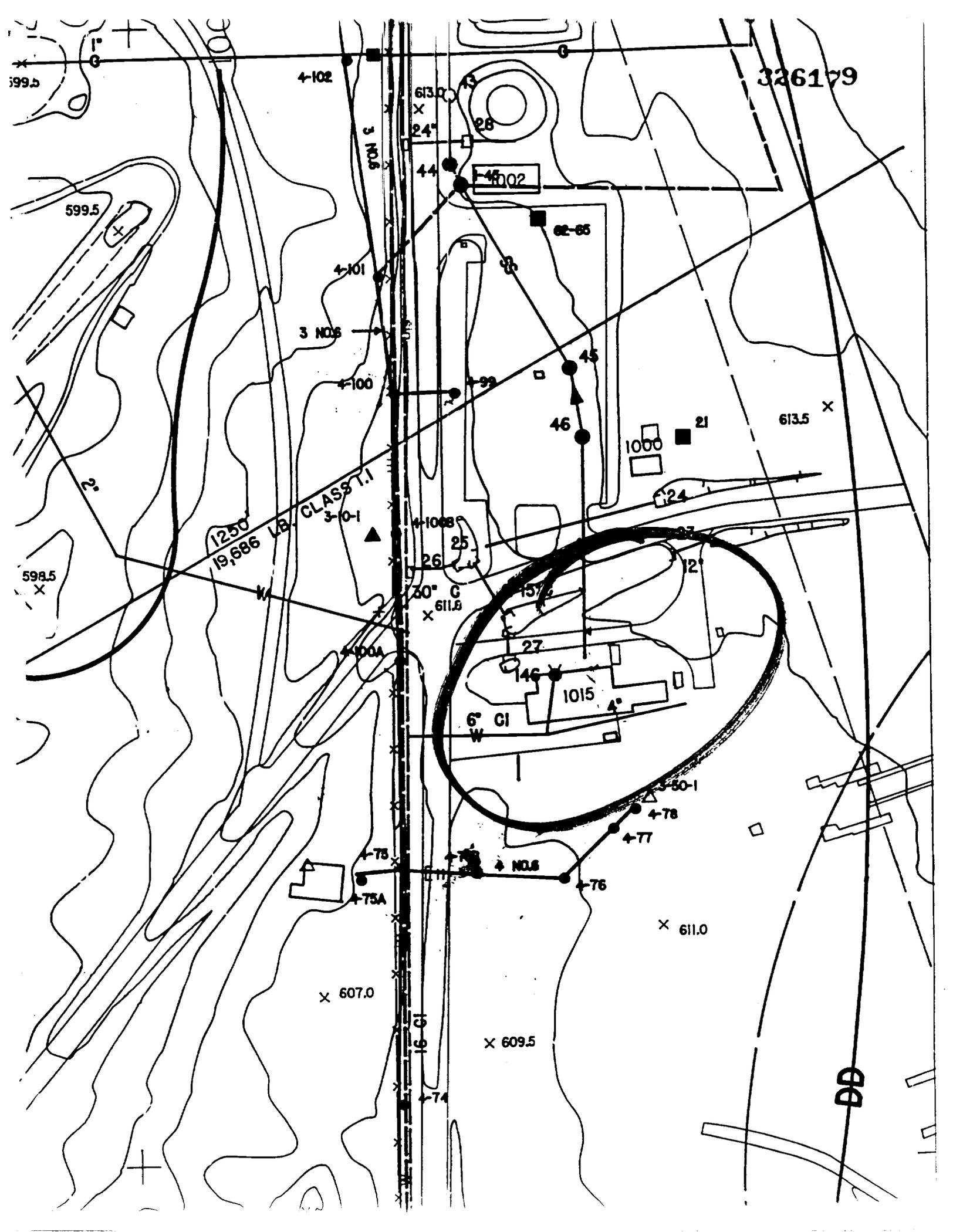
APPROVED  DISAPPROVED

M&P CABLE LOCATOR DATE

H. [Signature] 3/25/06

MetNAV / ATCALS DATE [Signature] 14 Mar 96  
Work Control Asst. (For Distribution) Date

Copy to:  
ROICC or CSS or Shop Foreman/Self Help, APWO, PWD FILE



Bldg 1015

326180

WHITE SETTLEMENT

SHEET II

1010

1413

1028

1026

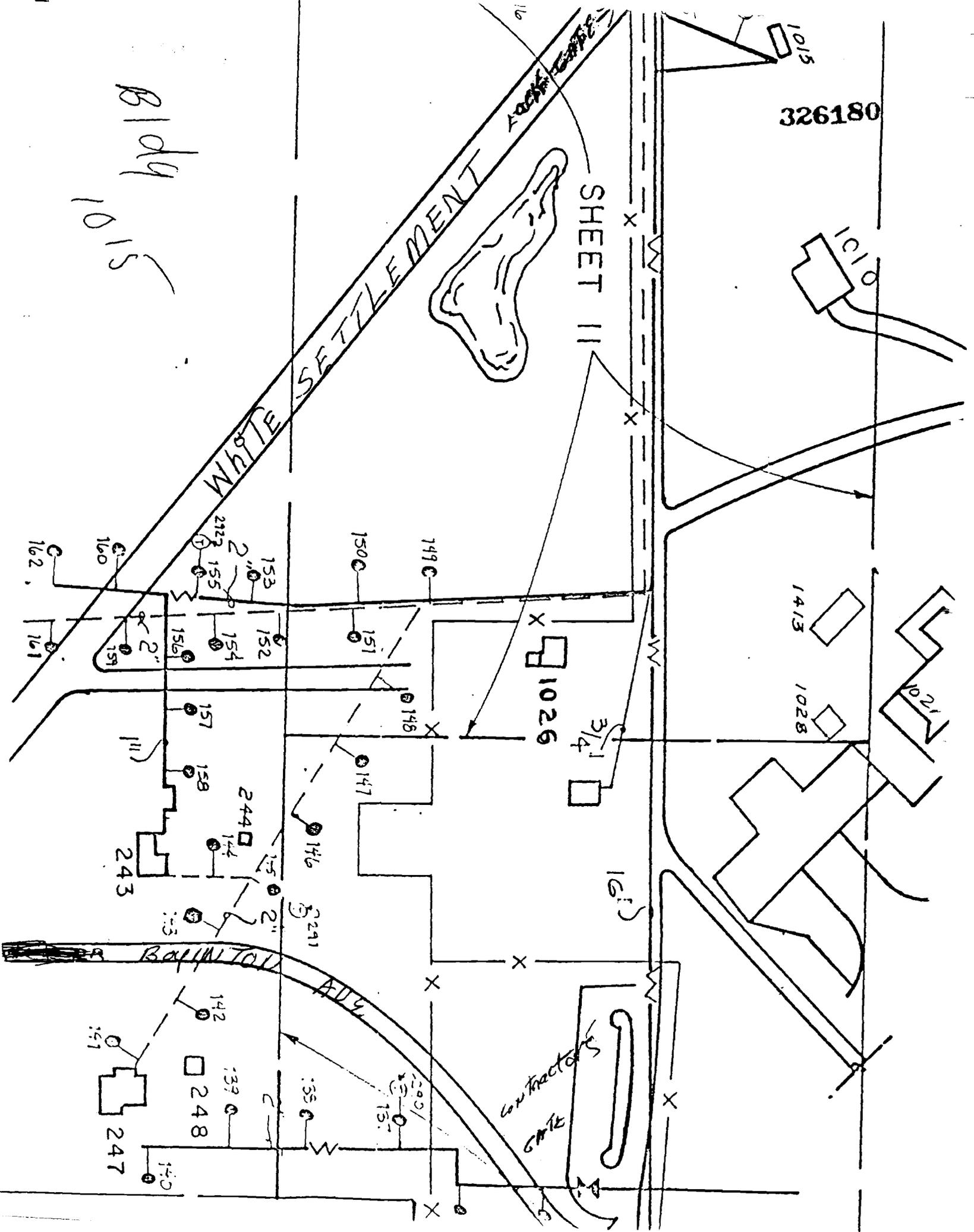
3/4"

1613

BALINTON

ADU

Contractor's  
GARAGE



DIGGING PERMIT

5001

[ ] ROICC INITIATED [ ] PW INITIATED CONTRACT [ ] PW INITIATED IN-HOUSE

THIS FORM MUST BE APPROVED AT LEAST TEN (10) DAYS PRIOR TO DIGGING

826181

CONTRACTOR'S NAME: Continental Service of Texas Beeper 425-9883

CONTRACT NO (IF APPLICABLE): LIMIT OF ALL/105 TANK 3001 MEADOWS ROAD

request permission to dig in location(s) shown on the attached sketch. This area shall be field marked by the requester before the digging permit is submitted.

ROAD - FED  
Medical Center  
NAS JRB TR  
4.11.96

Alan W. Flock

AFBENT

Contractor's Representative

Title

Date

(817) 731-8973 x18

ENCLOSURES/DRAWINGS PROVIDED (X)

- |                            |     |                                     |     |
|----------------------------|-----|-------------------------------------|-----|
| (1) SEWER LINE             | (X) | (6) CATHODIC PROTECTION BEDS        | (X) |
| (2) GAS LINE               | (X) | (7) LAWN SPRINKLER SYSTEM           | ( ) |
| (3) WATER LINE             | (X) | (8) TELEPHONE LINES - COMM. OR MIL. | (X) |
| (4) STORM LINE             | ( ) | (9) WEATHERVISION CABLE             | ( ) |
| (5) UNDERGROUND ELECTRICAL | (X) | (10) OTHER (FUEL ETC.)              | (X) |

Enclosures, as indicated, are provided for the above listed location only. For other locations new permits are required.

As shown on the drawing(s), underground utilities are in the area and extreme care shall be used while digging or excavating. The drawings do not show exact locations and are to be used as guides only. When in doubt hand digging will be used. For more information have your Government Contractor Representative call Public Works Maintenance (MCD) at 6380.

- Digging hours are between 8:00 AM and 4:00 PM Monday thru Friday. No digging will be permitted outside these hours or on Federal Holidays, except as approved in advance.
- If any utilities are damaged call MCD at 6380 immediately. In case of natural gas or fuel line damage also call the Fire Dept. at 6330. After 4:00 PM call the OOD (Officer on Duty) Beeper No. (817) 493-7836, Base. Ext. 7151, Maxwell Inn, Rooms 131 and 132 and have them contact QUEBEC 8.
- Any utilities found that are not on drawings shall be marked on the drawing and returned to the Public Works Engineering Branch.

(817) 737-7237

ROUTING LIST

John McManus Jacobs  
 ROICC Construction Rep. or Date  
 PW Contract Surv. Rep. or  
 PW Maint. Craftsman/Seabee

3. Daniel Bermudez 22 MAR 96  
 Engineer Tech. Date

4. Robert Williams 25 MAR 96  
 301st Communication Date

5. SABRINA 1183 25 MAR 96  
 SW Bell Date

6. Gordon Mills 21 MAR 96  
 Supervisory Engineer Date

APPROVED/DISAPPROVED

Wayne Davis 3-26-96  
 DATE

U. [Signature] 3/26/96  
 DATE!  
 METRAVID/ATCALS  
 MILITARY OWNED CABLES

7. [Signature] 14 MAR 96  
 Work Control Asst. (For Distribution) Date



DIGGING PERMIT

4111

COPY

[ ] ROICC INITIATED [ ] PW INITIATED CONTRACT [ ] PW INITIATED IN-HOUSE

THIS FORM MUST BE APPROVED AT LEAST TEN (10) DAYS PRIOR TO DIGGING

CONTRACTOR'S NAME: United Services of Texas Beeper 326183

CONTRACT NO (IF APPLICABLE): REPAIR OF FILLING TANK

Request permission to dig in location(s) shown on the attached sketch. This area shall be field marked by the requester before the digging permit is submitted. HILL RUNWAY 35

Alan Wolf  
Contractor's Representative  
(817) 731-8973 x18

AFICAT  
Title CARSWELL FLD Date 4.16.96

- |                            |     |                                     |     |
|----------------------------|-----|-------------------------------------|-----|
| (1) SEWER LINE             | (X) | (6) CATHODIC PROTECTION BEDS        | (X) |
| (2) GAS LINE               | (X) | (7) LAWN SPRINKLER SYSTEM           | ( ) |
| (3) WATER LINE             | (X) | (8) TELEPHONE LINES - COMM. OR MIL. | (X) |
| (4) STORM LINE             | ( ) | (9) WEATHERVISION CABLE             | ( ) |
| (5) UNDERGROUND ELECTRICAL | (X) | (10) OTHER (FUEL ETC.)              | (X) |

- Enclosures, as indicated, are provided for the above listed location only. For other locations new permits are required.
- As shown on the drawing(s), underground utilities are in the area and extreme care shall be used while digging or excavating. The drawings do not show exact locations and are to be used as guides only. When in doubt hand digging will be used. For more information have your Government Contractor Representative call Public Works Maintenance (MCD) at 6380.
- Digging hours are between 8:00 AM and 4:00 PM Monday thru Friday. No digging will be permitted outside these hours or on Federal Holidays, except as approved in advance.
- If any utilities are damaged call MCD at 6380 immediately. In case of natural gas or fuel line damage also call the Fire Dept. at 6330. After 4:00 PM call the OOD (Officer on Duty) Beeper No. (817) 493-7836, Base. Ext. 7151, Carswell Inn, Rooms 131 and 132 and have them contact QUEBEC 8.
- Any utilities found that are not on drawings shall be marked on the drawing and returned to the Public Works Engineering Branch.

(817) 737-7237  
1. John McManus Jacob's  
ROICC Construction Rep. or Date  
PW Contract Surv. Rep. or  
PW Maint. Craftsman/Seabee

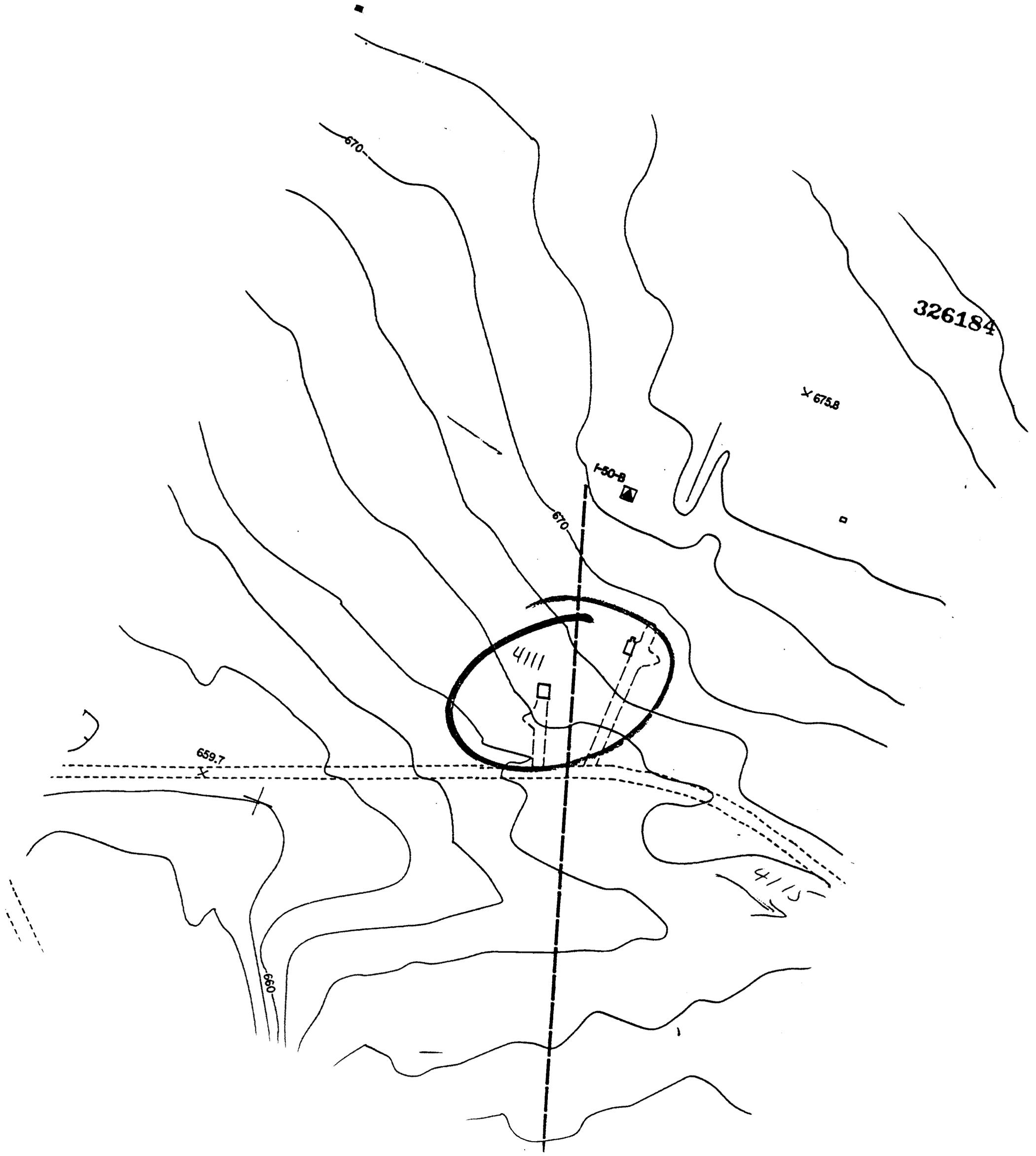
2. \_\_\_\_\_ Date  
ROICC Project Manager or  
PW Contract Surv. Supv. or  
PW Maint. Foreman/Seabee Supv.

Mary W. Davis | 3-27-96  
3 M & P | DATE  
3/26/96  
ATCAL/S/METNAV | Date:  
(MILITARY OWNED CABLE)

ROUTING LIST

- |                                |                  |
|--------------------------------|------------------|
| 3. <u>Daniel Bermudez</u>      | <u>22 Mar 96</u> |
| Engineer Tech.                 | Date             |
| 4. <u>Robert Williams</u>      | <u>25 MAR 96</u> |
| 301st Communication            | Date             |
| 5. <u>SABER NA: 910085/560</u> | <u>25 MAR 96</u> |
| DIG SW Bell TEST               | Date             |
| 6. <u>Gordon Miller</u>        | <u>20 Mar 96</u> |
| Supervisory Engineer           | Date             |

APPROVED / DISAPPROVED  
[Signature]  
7. \_\_\_\_\_ | 14 MAR 96  
Work Control Asst. (For Distribution) | Date



COPY

DIGGING PERMIT

9127

[ ] ROICC INITIATED [ ] PW INITIATED CONTRACT [ ] PW INITIATED IN-HOUSE  
THIS FORM MUST BE APPROVED AT LEAST TEN (10) DAYS PRIOR TO DIGGING

TRACTOR'S NAME: Continental Services of Texas Beper 326185

CONTRACT NO (IF APPLICABLE): Removal of Oil Tank 4127 BOWLING

Request permission to dig in location(s) shown on the attached sketch. This area shall be field marked by the requester before the digging permit is submitted.

AT White Settlement  
NAS JRB Carswell  
FORT WORTH TX  
4/16/96

Alan C. F. Loh  
Contractor's Representative  
(817) 731-8973 x18

AFRC  
Title

14/16/96  
Date

ENCLOSURES/DRAWINGS PROVIDED (X)

- |                            |     |                                     |     |
|----------------------------|-----|-------------------------------------|-----|
| (1) SEWER LINE             | (X) | (6) CATHODIC PROTECTION BEDS        | (X) |
| (2) GAS LINE               | (X) | (7) LAWN SPRINKLER SYSTEM           | ( ) |
| (3) WATER LINE             | (X) | (8) TELEPHONE LINES - COMM. OR MIL. | (X) |
| (4) STORM LINE             | ( ) | (9) WEATHERVISION CABLE             | ( ) |
| (5) UNDERGROUND ELECTRICAL | (X) | (10) OTHER (FUEL ETC.)              | (X) |

- Enclosures, as indicated, are provided for the above listed location only. For other locations new permits are required.
- As shown on the drawing(s), underground utilities are in the area and extreme care shall be used while digging or excavating. The drawings do not show exact locations and are to be used as guides only. When in doubt hand digging will be used. For more information have your Government Contractor Representative call Public Works Maintenance (MCD) at 6380.
- Digging hours are between 8:00 AM and 4:00 PM Monday thru Friday. No digging will be permitted outside these hours or on Federal Holidays, except as approved in advance.
- If any utilities are damaged call MCD at 6380 immediately. In case of natural gas or fuel line damage also call the Fire Dept. at 6330. After 4:00 PM call the OOD (Officer on Duty) Beeper No. (817) 493-7836, Base. Ext. 7151, Carswell Inn, Rooms 131 and 132 and have them contact QUEBEC 8.
- Any utilities found that are not on drawings shall be marked on the drawing and returned to the Public Works Engineering Branch.

ROUTING LIST

- |   |   |
|---|---|
| 1. <u>John McManus</u> <u>Jacobs</u><br>ROICC Construction Rep. or<br>PW Contract Surv. Rep. or<br>PW Maint. Craftsman/Seabee<br>Date | 3. <u>Daniel Bernally</u><br>Engineer Tech.<br>Date       |
| 2. _____<br>ROICC Project Manager or<br>PW Contract Surv. Supv. or<br>PW Maint. Foreman/Seabee Supv.<br>Date                          | 4. <u>Robert Williams</u><br>301st Communication<br>Date  |
| 5. <u>SABRINA</u> <u>1177</u><br>SW Bell<br>Date  | 6. <u>Gordon C. Mills</u><br>Supervisory Engineer<br>Date |

782 6377

Mary W. Davis 3-27-96  
DATE

M&P CABLE LOCATOR  
ATCALS/METNA (MILITARY OWNED) CABLE  
DATE: 3/24/96

APPROVED DISAPPROVED

[Signature] 14/16/96  
Work Control Asst. (For Distribution) Date

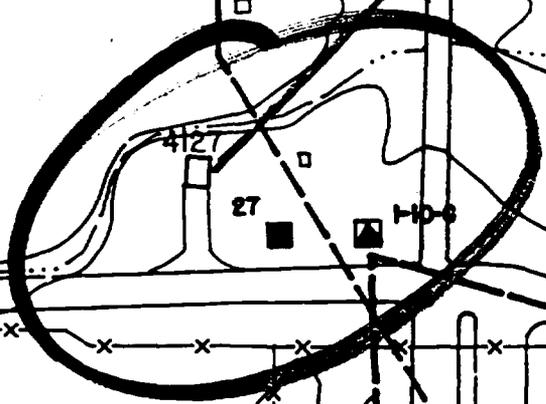
Copy to:  
ROICC or CSS or Shop Foreman/Self Help, APWO, PWD FILE

630

326186

NOTICE!!  
ACTIVE CABLE

4126



4127

27

HO-6

183

X 625.6

62

4101

4102

18

CONC.

620.6

60

NO

E

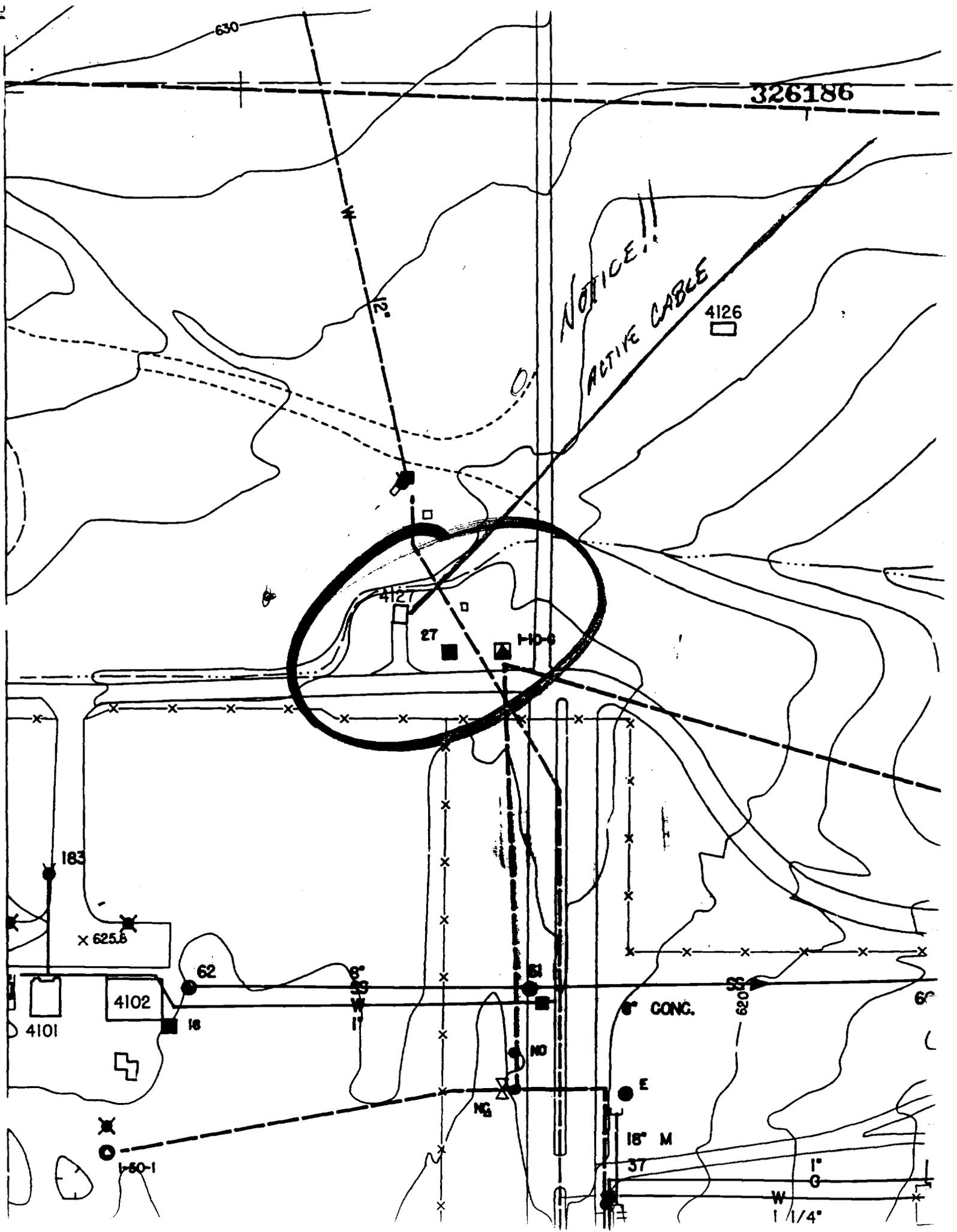
18" M

37

1" G

W 1/4

1-80-1



DIGGING PERMIT

4136

[ ] ROICC INITIATED [ ] PW INITIATED CONTRACT [ ] PW INITIATED IN-HOUSE

THIS FORM MUST BE APPROVED AT LEAST TEN (10) DAYS PRIOR TO DIGGING

TRACTOR'S NAME: United Services of Texas Beeper 425-9883  
326187

CONTRACT NO (IF APPLICABLE): Removal of Oil/Water Tank

Request permission to dig in location(s) shown on the attached sketch. This area shall be field marked by the requester before the digging permit is submitted.

4136 PARADISE TAXI

Alan W. Felt  
Contractor's Representative  
(817) 731-8973 x18

AFBCT 197 14.16.96  
Title NAS JRB, Carswell Date

ENCLOSURES/DRAWINGS PROVIDED (X) FT WT TX 2612

- |                            |     |                                     |     |
|----------------------------|-----|-------------------------------------|-----|
| (1) SEWER LINE             | (X) | (6) CATHODIC PROTECTION BEDS        | (X) |
| (2) GAS LINE               | (X) | (7) LAWN SPRINKLER SYSTEM           | ( ) |
| (3) WATER LINE             | (X) | (8) TELEPHONE LINES - COMM. OR MIL. | (X) |
| (4) STORM LINE             | ( ) | (9) WEATHERVISION CABLE             | ( ) |
| (5) UNDERGROUND ELECTRICAL | (X) | (10) OTHER (FUEL ETC.)              | (X) |

Enclosures, as indicated, are provided for the above listed location only. For other locations new permits are required.

As shown on the drawing(s), underground utilities are in the area and extreme care shall be used while digging or excavating. The drawings do not show exact locations and are to be used as guides only. When in doubt hand digging will be used. For more information have your Government Contractor Representative call Public Works Maintenance (MCD) at 6380.

Digging hours are between 8:00 AM and 4:00 PM Monday thru Friday. No digging will be permitted outside these hours or on Federal Holidays, except as approved in advance.

If any utilities are damaged call MCD at 6380 immediately. In case of natural gas or fuel line damage also call the Fire Dept. at 6330. After 4:00 PM call the OOD (Officer on Duty) Beeper No. (817) 493-7836, Base. Ext. 7151, Carswell Inn, Rooms 131 and 132 and have them contact QUEBEC 8.

Any utilities found that are not on drawings shall be marked on the drawing and returned to the Public Works Engineering Branch.

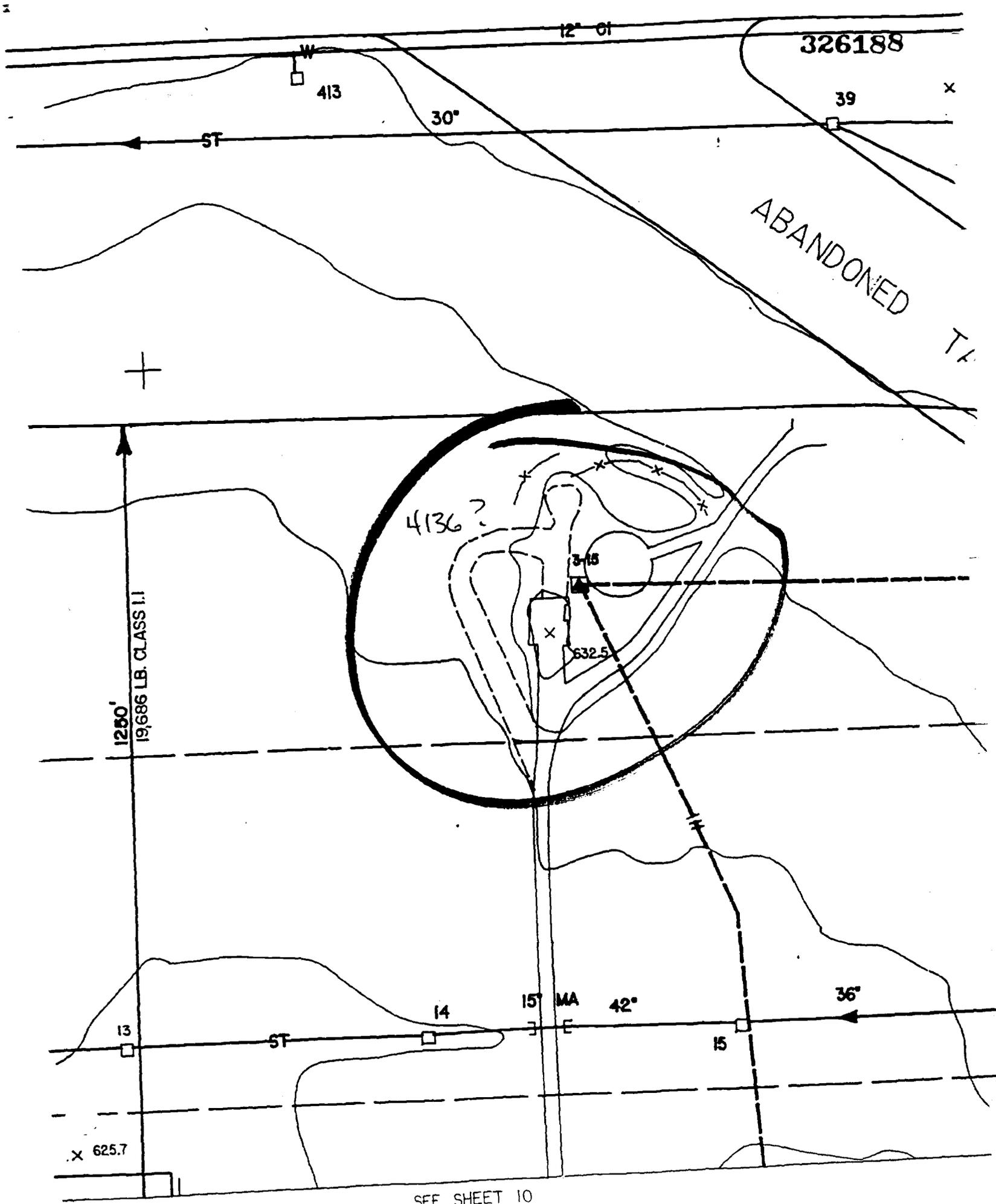
(817) 737-7237

782-6377

ROUTING LIST

- |   |   |
|---|---|
| 1. <u>John McManus</u> <u>Jacobs</u><br>ROICC Construction Rep. or<br>PW Contract Surv. Rep. or<br>PW Maint. Craftsman/Seabee<br>Date | 3. <u>Daniel Bermudez</u> <u>22 MAR 96</u><br>Engineer Tech. Date             |
| 2. _____<br>ROICC Project Manager or<br>PW Contract Surv. Supv. or<br>PW Maint. Foreman/Seabee Supv.<br>Date                          | 4. <u>Rob Williams</u> <u>25 MAR 96</u><br>301st Communication Date           |
| <u>Mary W. Davis</u> <u>3-27-96</u><br>SM&P   | 5. <u>SABRINA: 960851576</u> <u>25 MAR 96</u><br><u>DIG SW Bell Test</u> Date |
| <u>7/1/96</u> <u>3/26/96</u><br><u>METNAV / NAVABCS</u>   | 6. <u>Gordon Miller</u> <u>22 Mar 96</u><br>Supervisory Engineer Date         |
|   | 7. _____ <u>14 MAR 96</u><br>Work Control Asst. (For Distribution) Date       |

APPROVED  DISAPPROVED



SEE SHEET 10

000

DIGGING PERMIT

4141

[ ] ROICC INITIATED [ ] PW INITIATED CONTRACT [ ] PW INITIATED IN HOUSE

THIS FORM MUST BE APPROVED AT LEAST TEN (10) DAYS PRIOR TO DIGGING

TRACTOR'S NAME: Continental Services of Texas Beeper 405-9823 **326189**

CONTRACT NO (IF APPLICABLE): REPAIR OF ALLIANCE TANK

Request permission to dig in location(s) shown on the attached sketch. This area shall be field marked by the requester before the digging permit is submitted. 4141 HOT CARGO AREA

Alan W. Fluke  
Contractor's Representative  
(817) 731-8973 x18

AFICAT NAS JRB 4/16/96  
Title CARSWELL FLT Date

- |                            |     |                                     |     |
|----------------------------|-----|-------------------------------------|-----|
| (1) SEWER LINE             | (X) | (6) CATHODIC PROTECTION BEDS        | (X) |
| (2) GAS LINE               | (X) | (7) LAWN SPRINKLER SYSTEM           | ( ) |
| (3) WATER LINE             | (X) | (8) TELEPHONE LINES - COMM. OR MIL. | (X) |
| (4) STORM LINE             | ( ) | (9) WEATHERVISION CABLE             | ( ) |
| (5) UNDERGROUND ELECTRICAL | (X) | (10) OTHER (FUEL ETC.)              | (X) |

ENCLOSURES/DRAWINGS PROVIDED (X) FORT WORTH TX

Enclosures, as indicated, are provided for the above listed location only. For other locations new permits are required.

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Any utilities found that are not on drawings shall be marked on the drawing and returned to the Public Works Engineering Branch.

(817) 737-7237

ROUTING LIST

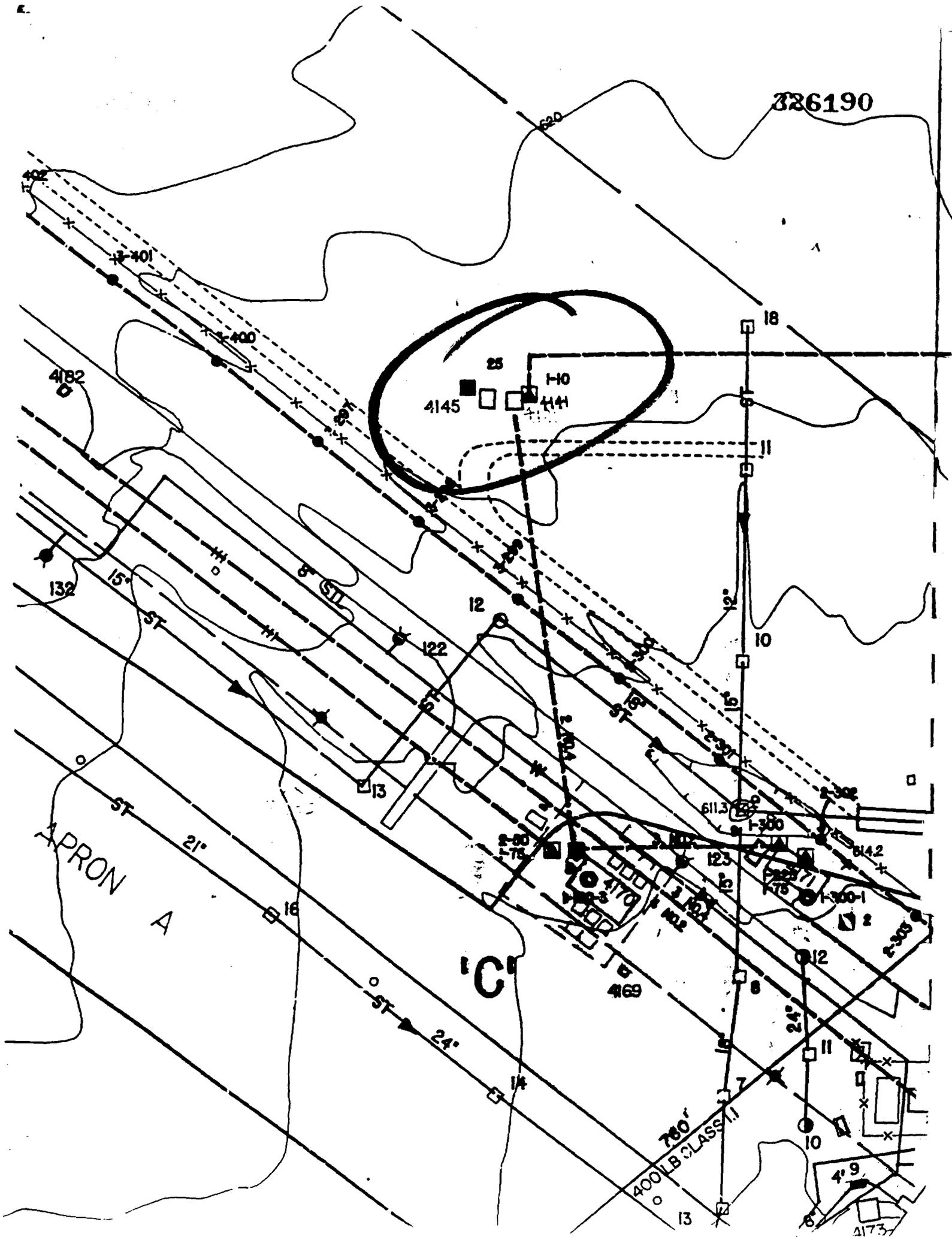
- |   |                      |   |                          |
|---|----------------------|---|--------------------------|
| 1. <u>John McManus</u><br>ROICC Construction Rep. or<br>PW Contract Surv. Rep. or<br>PW Maint. Craftsman/Seabee | <u>Jacob</u><br>Date | 3. <u>Daniel Bernady</u><br>Engineer Tech.      | <u>22 Mar 96</u><br>Date |
| 2. _____<br>ROICC Project Manager or<br>PW Contract Surv. Supv. or<br>PW Maint. Foreman/Seabee Supv.            | _____ Date           | 4. <u>R. Williams</u><br>301st Communication    | <u>25 Mar 96</u><br>Date |
| _____   | _____ Date           | 5. <u>SABRINA 160851583</u><br>SW Bell Test     | <u>25 Mar 96</u><br>Date |
| _____   | _____ Date           | 6. <u>Gordon Miller</u><br>Supervisory Engineer | <u>28 Mar 96</u><br>Date |

Mary W. Davis 4-1-96  
SM&P

APPROVED DISAPPROVED

U. Smith 3/26/96  
ATCALS / MOTNAV  
1. [Signature] 14 Mar 96  
Work Control Asst. (For Distribution) Date

326190



600

DIGGING PERMIT

4143

[ ] ROICC INITIATED [ ] PW INITIATED CONTRACT [ ] PW INITIATED IN-HOUSE

THIS FORM MUST BE APPROVED AT LEAST TEN (10) DAYS PRIOR TO DIGGING

TRACTOR'S NAME: Continental Services of Texas Beeper 425-9883

CONTRACT NO (IF APPLICABLE): REPAIR OF FILLING TANK **326191**

Request permission to dig in location(s) shown on the attached sketch. This area shall be field marked by the requester before the digging permit is submitted.

Alan Wolf  
Contractor's Representative  
(817) 731-8973 x18

AFBC  
Title PORT Date 7/6/96  
4143 PARALLEL TAIWAY 19M  
NAS JRB Carswell Field  
PORT NORTH 110:96  
TK 95:27

ENCLOSURES/DRAWINGS PROVIDED (X)

- |                            |     |                                     |     |
|----------------------------|-----|-------------------------------------|-----|
| (1) SEWER LINE             | (X) | (6) CATHODIC PROTECTION BEDS        | (X) |
| (2) GAS LINE               | (X) | (7) LAWN SPRINKLER SYSTEM           | ( ) |
| (3) WATER LINE             | (X) | (8) TELEPHONE LINES - COMM. OR MIL. | (X) |
| (4) STORM LINE             | ( ) | (9) WEATHERVISION CABLE             | ( ) |
| (5) UNDERGROUND ELECTRICAL | (X) | (10) OTHER (FUEL ETC.)              | (X) |

Enclosures, as indicated, are provided for the above listed location only. For other locations new permits are required.

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3. Digging hours are between 8:00 AM and 4:00 PM Monday thru Friday. No digging will be permitted outside these hours or on Federal Holidays, except as approved in advance.

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5. Any utilities found that are not on drawings shall be marked on the drawing and returned to the Public Works Engineering Branch.

(817) 737-7237

ROUTING LIST

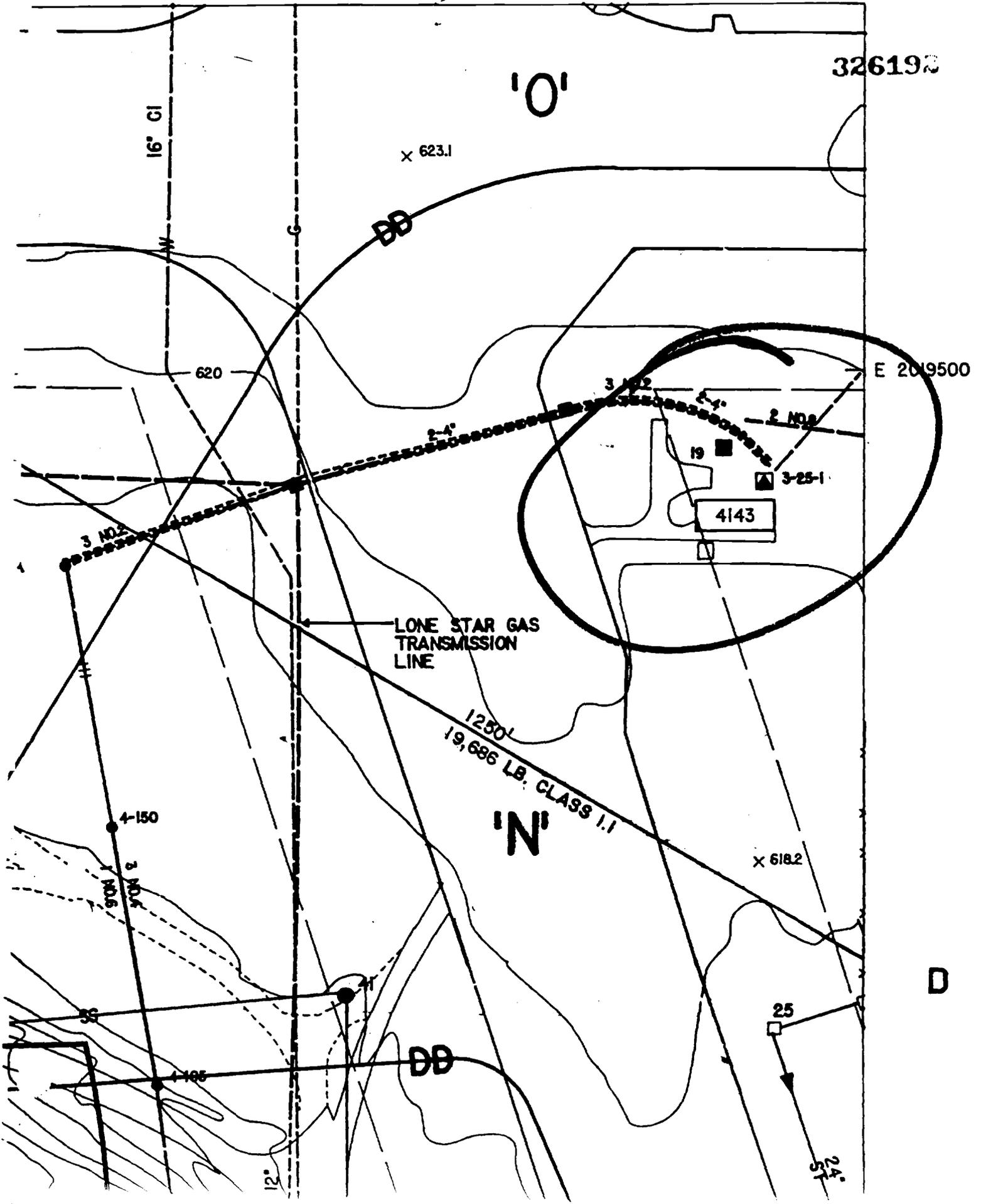
- |   |                       |   |                          |
|---|-----------------------|---|--------------------------|
| 1. <u>John McManus</u><br>ROICC Construction Rep. or<br>PW Contract Surv. Rep. or<br>PW Maint. Craftsman/Seabee | <u>Jacobs</u><br>Date | 3. <u>Daniel Bermudez</u><br>Engineer Tech.     | <u>22 Mar 96</u><br>Date |
| 2. _____<br>ROICC Project Manager or<br>PW Contract Surv. Supv. or<br>PW Maint. Foreman/Seabee Supv.            | _____ Date            | 4. <u>R. Williams</u><br>301st Communication    | <u>25 Mar 96</u><br>Date |
|   |                       | 5. <u>SABRINA BOB #578</u><br>SW Bell           | <u>25 Mar 96</u><br>Date |
|   |                       | 6. <u>Gordon Miller</u><br>Supervisory Engineer | <u>22 Mar 96</u><br>Date |

SNAP: Mary W. Davis  
7/6/96  
326191

APR 4-1-96

APPROVED DISAPPROVED

[Signature]  
Work Control Asst. (For Distribution) 14 Mar 96  
Date



**DIGGING PERMIT**

**4143**

ROICC INITIATED     PW INITIATED CONTRACT     PW INITIATED IN-HOUSE

THIS FORM MUST BE APPROVED AT LEAST TEN (10) DAYS PRIOR TO DIGGING

TRACTOR'S NAME: United Service of Texas Beeper 425-9823

**326193**

CONTRACT NO (IF APPLICABLE): REMOVAL OF OIL/OAS TANK

Request permission to dig in location(s) shown on the attached sketch. This area shall be field marked by the requester before the digging permit is submitted.

Alan W. Folan

AFFIXED

4145 HOT CARGO

AREA 14/16/96

Contractor's Representative  
(817) 731-8973 x18

Title NAS JRB CASWELL Date 14/16/96

ENCLOSURES/DRAWINGS PROVIDED (X) FORT WORTH

- |                            |                                     |                                     |                                     |
|----------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| (1) SEWER LINE             | <input checked="" type="checkbox"/> | (6) CATHODIC PROTECTION BEDS        | <input type="checkbox"/>            |
| (2) GAS LINE               | <input checked="" type="checkbox"/> | (7) LAWN SPRINKLER SYSTEM           | <input type="checkbox"/>            |
| (3) WATER LINE             | <input checked="" type="checkbox"/> | (8) TELEPHONE LINES - COMM. OR MIL. | <input checked="" type="checkbox"/> |
| (4) STORM LINE             | <input type="checkbox"/>            | (9) WEATHERVISION CABLE             | <input type="checkbox"/>            |
| (5) UNDERGROUND ELECTRICAL | <input checked="" type="checkbox"/> | (10) OTHER (FUEL ETC.)              | <input checked="" type="checkbox"/> |

- Enclosures, as indicated, are provided for the above listed location only. For other locations new permits are required.
- As shown on the drawing(s), underground utilities are in the area and extreme care shall be used while digging or excavating. The drawings do not show exact locations and are to be used as guides only. When in doubt hand digging will be used. For more information have your Government Contractor Representative call Public Works Maintenance (MCD) at 6380.
- Digging hours are between 8:00 AM and 4:00 PM Monday thru Friday. No digging will be permitted outside these hours or on Federal Holidays, except as approved in advance.
- If any utilities are damaged call MCD at 6380 immediately. In case of natural gas or fuel line damage also call the Fire Dept. at 6330. After 4:00 PM call the OOD (Officer on Duty) Beeper No. (817) 493-7836, Base. Ext. 7151, Carswell Inn, Rooms 131 and 132 and have them contact QUEBEC 8.
- Any utilities found that are not on drawings shall be marked on the drawing and returned to the Public Works Engineering Branch.

(817) 737-7237

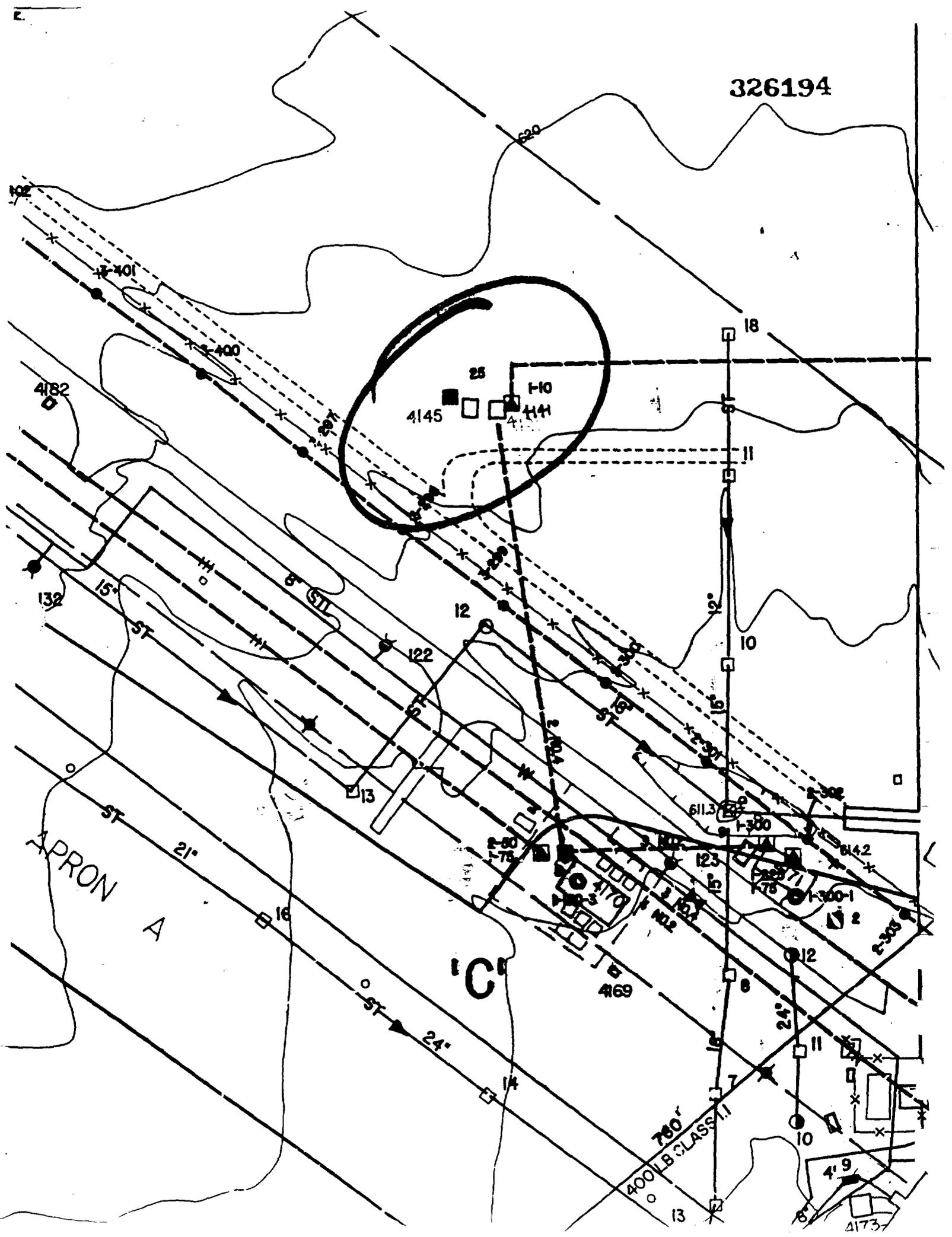
**ROUTING LIST**

- |  |                         |
|--|-------------------------|
| 1. <u>John McManus</u> <u>Jacobs</u>   | 3. _____                |
| ROICC Construction Rep. or<br>PW Contract Surv. Rep. or<br>PW Maint. Craftsman/Seabee    | Engineer Tech. _____    |
| Date _____   | Date _____              |
| 2. _____   | 4. <u>R. Williams</u>   |
| ROICC Project Manager or<br>PW Contract Surv. Supv. or<br>PW Maint. Foreman/Seabee Supv. | 301st Communication     |
| Date _____   | Date <u>25 MAR 96</u>   |
| 5. <u>ARRING: 960 251554</u>   | 5. <u>SW Bell</u>       |
| Date _____   | Date _____              |
| 6. <u>Jordan Miller</u>  | 6. <u>Jordan Miller</u> |
| Supervisory Engineer   | Supervisory Engineer    |
| Date <u>4-1-96</u>   | Date <u>22 MAR 96</u>   |

**APPROVED** DISAPPROVED

U. ... 14 MAR 96  
Work Control Asst. (For Distribution) Date

326194



# 600 DIGGING PERMIT

4155

[ ] ROICC INITIATED [ ] PW INITIATED CONTRACT [ ] PW INITIATED IN-HOUSE

THIS FORM MUST BE APPROVED AT LEAST TEN (10) DAYS PRIOR TO DIGGING

TRACTOR'S NAME: Continental Service of Texas Beeper 4326195

ONTRACT NO (IF APPLICABLE): REPAIR OF OIL/GAS TANK

Request permission to dig in location(s) shown on the attached sketch. This area shall be field marked by the requester before the digging permit is submitted.

Alan W. Floh  
Contractor's Representative  
(817) 731-8973 x18

4155 TANWAY B 182  
NAS JRB CAMPUS  
AFBIA FOR WORK 14.11.96  
Title \_\_\_\_\_ Date \_\_\_\_\_

**ENCLOSURES\DRAWINGS PROVIDED (X)**

- |  |   |
|--|---|
| (1) SEWER LINE <input checked="" type="checkbox"/>             | (6) CATHODIC PROTECTION BEDS <input checked="" type="checkbox"/>        |
| (2) GAS LINE <input checked="" type="checkbox"/>               | (7) LAWN SPRINKLER SYSTEM <input type="checkbox"/>                      |
| (3) WATER LINE <input checked="" type="checkbox"/>             | (8) TELEPHONE LINES - COMM. OR MIL. <input checked="" type="checkbox"/> |
| (4) STORM LINE <input type="checkbox"/>                        | (9) WEATHERVISION CABLE <input type="checkbox"/>                        |
| (5) UNDERGROUND ELECTRICAL <input checked="" type="checkbox"/> | (10) OTHER (FUEL ETC.) <input checked="" type="checkbox"/>              |

1. Enclosures, as indicated, are provided for the above listed location only. For other locations new permits are required.

2. As shown on the drawing(s), underground utilities are in the area and extreme care shall be used while digging or excavating. The drawings do not show exact locations and are to be used as guides only. When in doubt hand digging will be used. For more information have your Government Contractor Representative call Public Works Maintenance (MCD) at 6380.

3. Digging hours are between 8:00 AM and 4:00 PM Monday thru Friday. No digging will be permitted outside these hours or on Federal Holidays, except as approved in advance.

4. If any utilities are damaged call MCD at 6380 immediately. In case of natural gas or fuel line damage also call the Fire Dept. at 6330. After 4:00 PM call the OOD (Officer on Duty) Beeper No. (817) 493-7836, Base. Ext. 7151, Carswell Inn, Rooms 131 and 132 and have them contact QUEBEC 8.

5. Any utilities found that are not on drawings shall be marked on the drawing and returned to the Public Works Engineering Branch.

(817) 737-7237  
1. John McManus Jacobs  
ROICC Construction Rep. or Date  
PW Contract Surv. Rep. or  
PW Maint. Craftsman/Seabee

ROUTING LIST

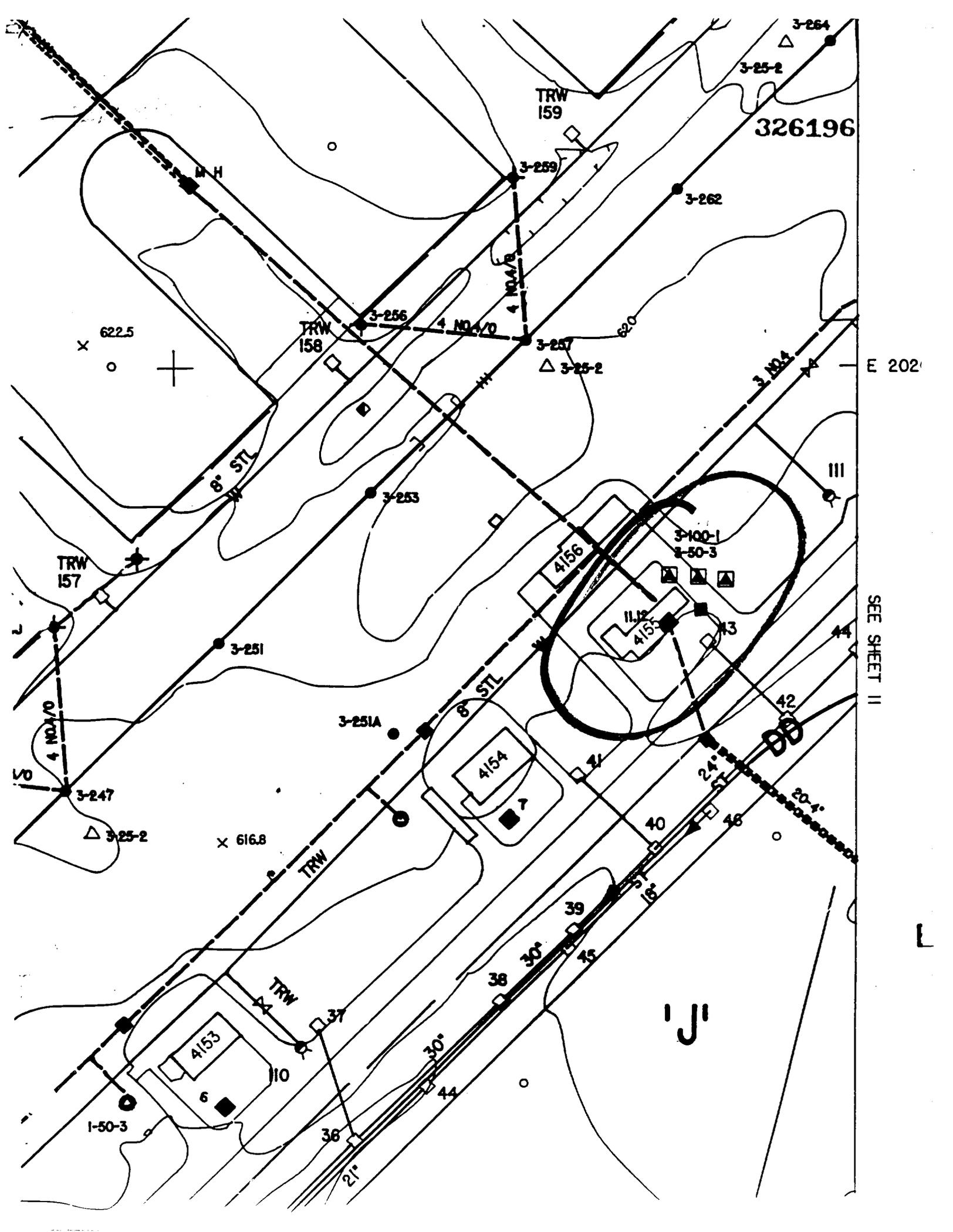
- 7826377
- |   |  |
|---|--|
| 3. <u>Daniel Bermudez</u> <u>22 Mar 96</u><br>Engineer Tech. Date     |  |
| 4. <u>R.W. Williams</u> <u>25 Mar 96</u><br>301st Communication Date  |  |
| 5. <u>SARINA: 960851590</u> <u>25 Mar 96</u><br>SW Bell Date          |  |
| 6. <u>Gordon Miller</u> <u>22 Mar 96</u><br>Supervisory Engineer Date |  |

2. \_\_\_\_\_ Date \_\_\_\_\_  
ROICC Project Manager or  
PW Contract Surv. Supv. or  
PW Maint. Foreman/Seabee Supv.

Mary W. Davis 4-1-96  
SM&P FILE CONTROL  
U. Williams 3/20/96  
OWED CABLE

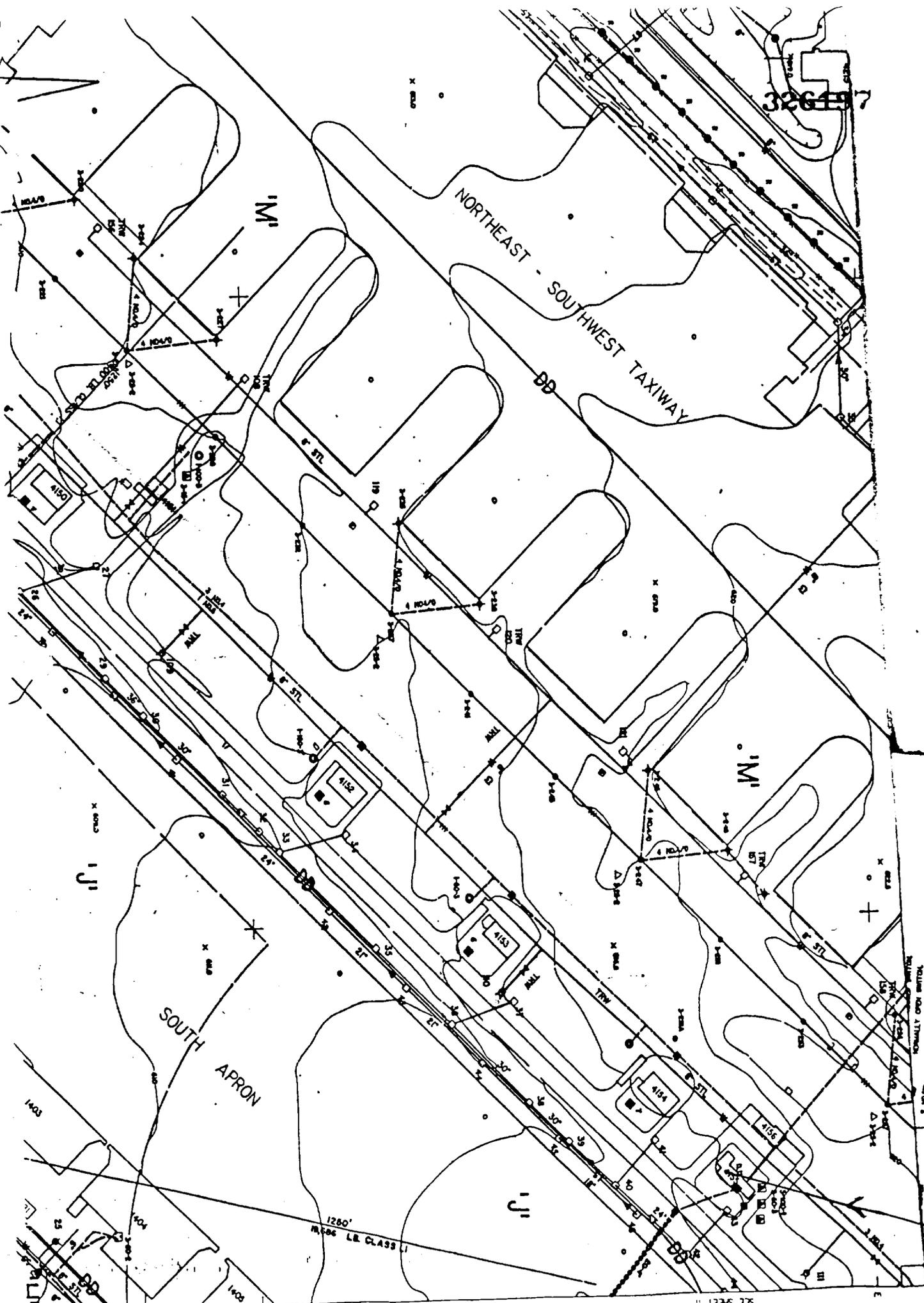
APPROVED  DISAPPROVED

7. [Signature] 14 Mar 96  
Work Control Asst. (For Distribution) Date



SEE SHEET II

326417



Bldg  
4150  
←

**D I G G I N G P E R M I T**

**4171**

[ ] ROICC INITIATED    [ ] PW INITIATED CONTRACT    [ ] PW INITIATED IN-HOUSE

THIS FORM MUST BE APPROVED AT LEAST TEN (10) DAYS PRIOR TO DIGGING

TRACTOR'S NAME: Continental Service of Texas Beeper 425-9883

CONTRACT NO (IF APPLICABLE): REPAIR OF ELLIOTT TANK **326198**

Request permission to dig in location(s) shown on the attached sketch. This area shall be field marked by the requester before the digging permit is submitted.

4171 ALERT APP

Alan W. Floh

AFFICAT

4/10/96

Contractor's Representative  
(817) 731-8973 x18

Title  
Date  
NAS JRB  
FORT WORTH

**ENCLOSURES/DRAWINGS PROVIDED (X)**

- |                            |     |                                     |         |
|----------------------------|-----|-------------------------------------|---------|
| (1) SEWER LINE             | (X) | (6) CATHODIC PROTECTION BEDS        | (X)     |
| (2) GAS LINE               | (X) | (7) LAWN SPRINKLER SYSTEM           | ( )     |
| (3) WATER LINE             | (X) | (8) TELEPHONE LINES - COMM. OR MIL. | (X) 761 |
| (4) STORM LINE             | ( ) | (9) WEATHERVISION CABLE             | ( )     |
| (5) UNDERGROUND ELECTRICAL | (X) | (10) OTHER (FUEL ETC.)              | (X)     |

1. Enclosures, as indicated, are provided for the above listed location only. For other locations new permits are required.

2. As shown on the drawing(s), underground utilities are in the area and extreme care shall be used while digging or excavating. The drawings do not show exact locations and are to be used as guides only. When in doubt hand digging will be used. For more information have your Government Contractor Representative call Public Works Maintenance (MCD) at 6380.

3. Digging hours are between 8:00 AM and 4:00 PM Monday thru Friday. No digging will be permitted outside these hours or on Federal Holidays, except as approved in advance.

4. If any utilities are damaged call MCD at 6380 immediately. In case of natural gas or fuel line damage also call the Fire Dept. at 6330. After 4:00 PM call the OOD (Officer on Duty) Beeper No. (817) 493-7836, Base. Ext. 7151, Carswell Inn, Rooms 131 and 132 and have them contact QUEBEC 8.

5. Any utilities found that are not on drawings shall be marked on the drawing and returned to the Public Works Engineering Branch.

(817) 737-7237

**ROUTING LIST**

- |   |                       |  |                          |
|---|-----------------------|--|--------------------------|
| 1. <u>John McManus</u><br>ROICC Construction Rep. or<br>PW Contract Surv. Rep. or<br>PW Maint. Craftsman/Seabee | <u>Jacobs</u><br>Date | 3. <u>Daniel Bernady</u><br>Engineer Tech.           | <u>22 Mar 96</u><br>Date |
| 2. _____<br>ROICC Project Manager or<br>PW Contract Surv. Supv. or<br>PW Maint. Foreman/Seabee Supv.            | _____ Date            | 4. <u>301st Communication</u><br>301st Communication | _____ Date               |
| _____   | _____                 | 5. <u>96085 567</u><br>SW Bell test                  | <u>25 MAR 96</u><br>Date |
| _____   | _____                 | 6. <u>Gordon Miller</u><br>Supervisory Engineer      | <u>22 Mar 96</u><br>Date |

~~782 6377~~  
782 6377

Mary W. Davis 4-1-96

APPROVED / DISAPPROVED

C.M. P. Cable Locator

MEYNAVANDS / AT

[Signature] 14 Mar 96  
Work Control Asst. (For Distribution) Date



DIGGING PERMIT

7014

[ ] ROICC INITIATED [ ] PW INITIATED CONTRACT [ ] PW INITIATED IN-HOUSE

THIS FORM MUST BE APPROVED AT LEAST TEN (10) DAYS PRIOR TO DIGGING

CONTRACTOR'S NAME: Continental Service of Texas Beeper 425-9883

CONTRACT NO (IF APPLICABLE): REPAIR OF OIL TANK 326200

Request permission to dig in location(s) shown on the attached sketch. This area shall be field marked by the requester before the digging permit is submitted.

4216 HOT CARSO AREA

AFCENT NAS JRB 14.11.96

Alan W. Fisher

Contractor's Representative  
(817) 731-8973 x18

Title CARSWELL FLD Date

ENCLOSURES/DRAWINGS PROVIDED (X) FORT WORTH TX

- |                            |     |                                     |     |
|----------------------------|-----|-------------------------------------|-----|
| (1) SEWER LINE             | (X) | (6) CATHODIC PROTECTION BEDS        | (X) |
| (2) GAS LINE               | (X) | (7) LAWN SPRINKLER SYSTEM           | ( ) |
| (3) WATER LINE             | (X) | (8) TELEPHONE LINES - COMM. OR MIL. | (X) |
| (4) STORM LINE             | ( ) | (9) WEATHERVISION CABLE             | ( ) |
| (5) UNDERGROUND ELECTRICAL | (X) | (10) OTHER (FUEL ETC.)              | (X) |

- Enclosures, as indicated, are provided for the above listed location only. For other locations new permits are required.
- As shown on the drawing(s), underground utilities are in the area and extreme care shall be used while digging or excavating. The drawings do not show exact locations and are to be used as guides only. When in doubt hand digging will be used. For more information have your Government Contractor Representative call Public Works Maintenance (MCD) at 6380.
- Digging hours are between 8:00 AM and 4:00 PM Monday thru Friday. No digging will be permitted outside these hours or on Federal Holidays, except as approved in advance.
- If any utilities are damaged call MCD at 6380 immediately. In case of natural gas or fuel line damage also call the Fire Dept. at 6330. After 4:00 PM call the OOD (Officer on Duty) Beeper No. (817) 493-7836, Base. Ext. 7151, Carswell Inn, Rooms 131 and 132 and have them contact QUEBEC 8.
- Any utilities found that are not on drawings shall be marked on the drawing and returned to the Public Works Engineering Branch.

782-6377

ROUTING LIST

- |   |  |
|---|--|
| 1. <u>John McManus</u> <u>Jacobs</u><br>ROICC Construction Rep. or<br>PW Contract Surv. Rep. or<br>PW Maint. Craftsman/Seabee<br>Date | 3. <u>Daniel Bernade</u> <u>22 Mar 96</u><br>Engineer Tech. Date               |
| 2. _____<br>ROICC Project Manager or<br>PW Contract Surv. Supv. or<br>PW Maint. Foreman/Seabee Supv.<br>Date                          | 4. <u>Robert Williams</u> <u>25 Mar 96</u><br>301st Communication Date         |
| _____ <u>3-26-96</u>  | 5. <u>SABRINA: 96085 1552</u> <u>25 Mar 96</u><br>DIG SW Bell <u>7207</u> Date |
| _____ <u>3/26/96</u>  | 6. <u>Gordon Miller</u> <u>22 Mar 96</u><br>Supervisory Engineer Date          |

APPROVED/DISAPPROVED

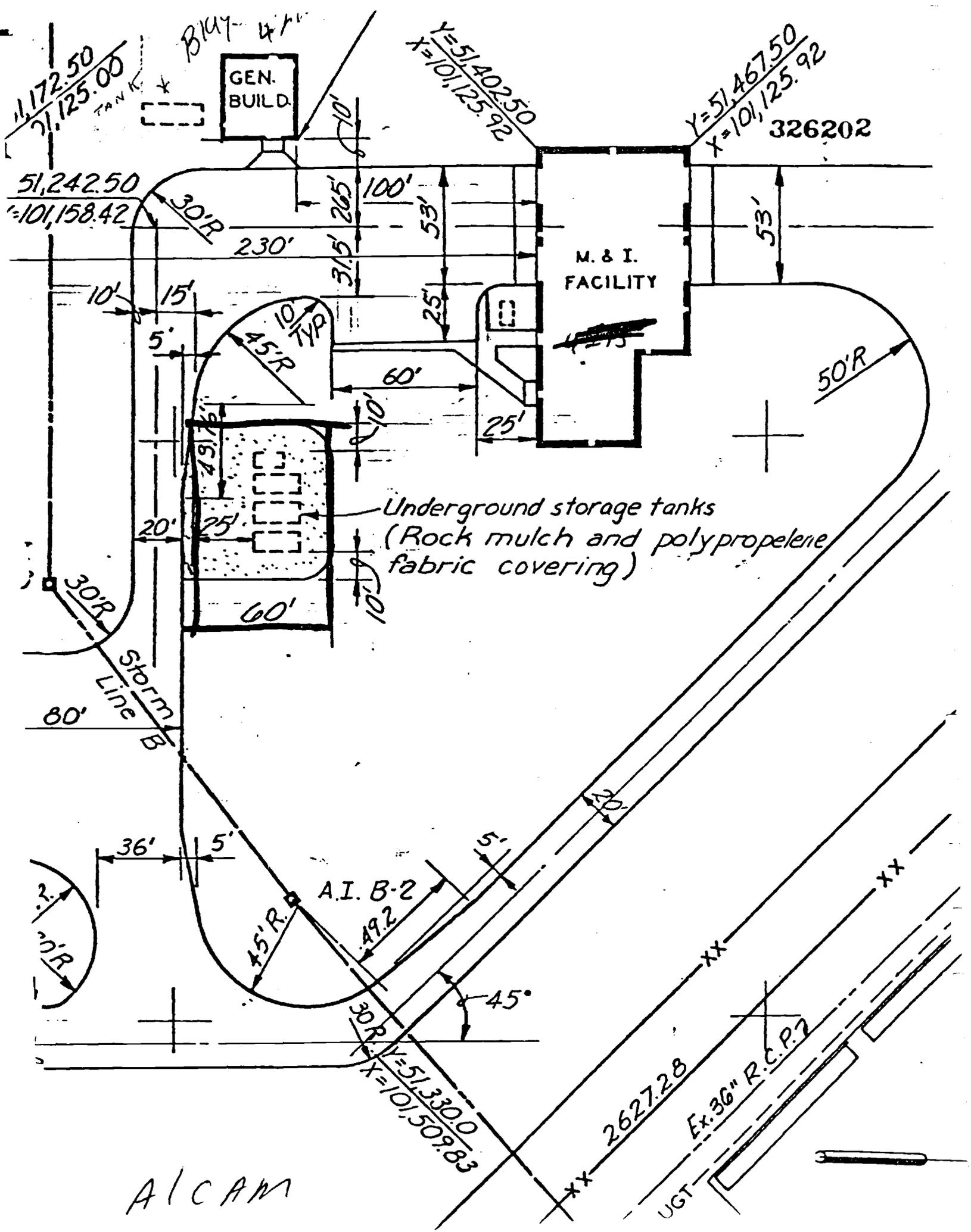
Nancy W. Davis 3-26-96

SMBP

MILITARY CAPABLE (METHAV)

Work Control Asst. (For Distribution) 14 Mar 96 Date





Underground storage tanks  
(Rock mulch and polypropelene fabric covering)

AICAM

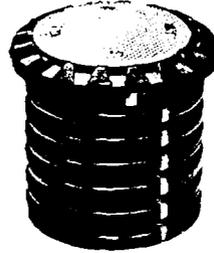
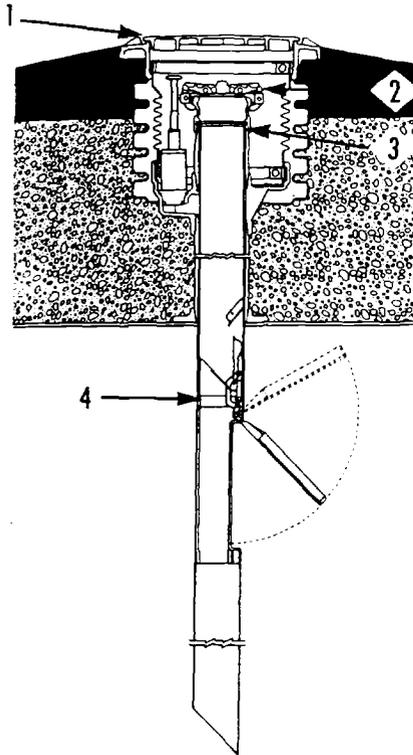
**APPENDIX E**  
**UPGRADE EQUIPMENT INFORMATION**

# OPW SERVICE STATION LAYOUTS

326204

## SYSTEM 2 COMPONENTS

### A. Overfill Prevention with the OPW 61SO



1. OPW 1 Series



2. OPW 634TT Cap



3. OPW 633T Adaptor



6. OPW 1711T

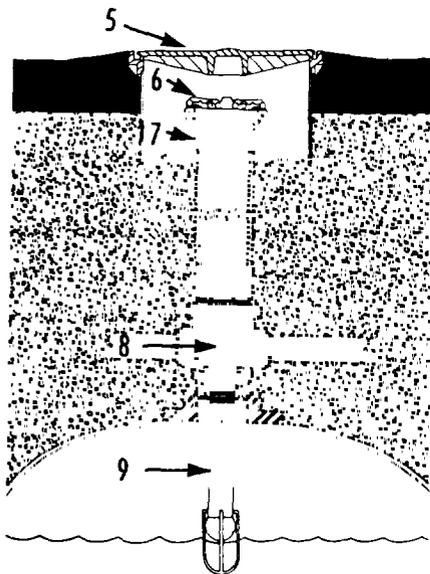


7. OPW 1611AV Adaptor

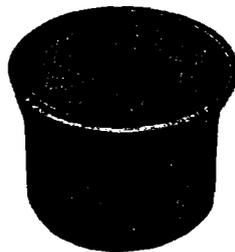


8. OPW 233V or 233VM Extractor Fitting

### B. Overfill Prevention with the OPW 53VML



4. OPW 61SO



5. OPW 104A Manhole



9. OPW 53 Series

Clay and Bailey Mfg. Co.

326205



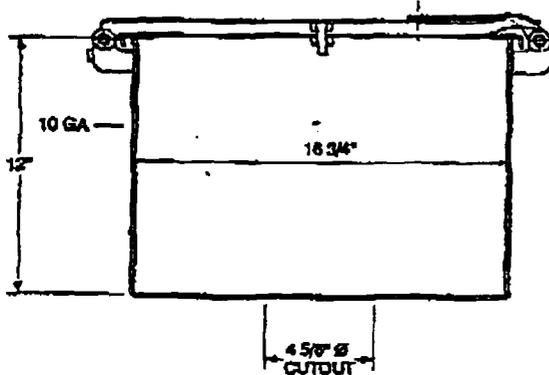
816-924-3900  
800-821-6583  
FAX 816-924-3903

Manufacturers Since 1913

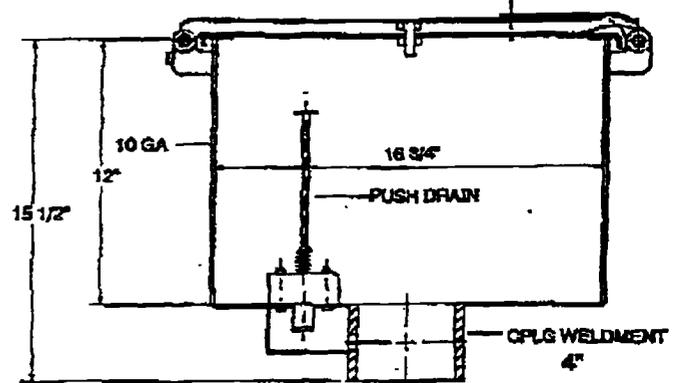
P.O. BOX 8026  
KANSAS CITY, MISSOURI 64129

## AST Spill Containment Box

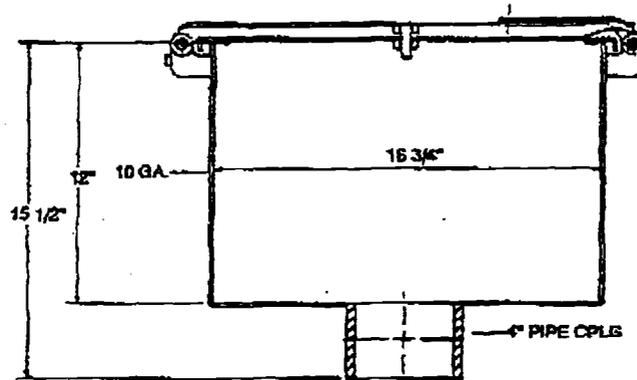
Standard Spill Containment  
Box #6100



Retrofit Spill Containment  
Box #6130 with Drain



Retrofit Spill Containment  
Box #6110



**Clay & Bailey Mfg Co. now offers to the petroleum industry an economical solution to the problem of fabricating an Overspill Containment Box**

The design features of the Clay & Bailey AST Spill Containment Box are:

- Lockable lid
- Weather resistant design
- Custom manufactured to your specifications
- Gaskets available in various materials
- Optional prime epoxy coating
- Range of capacities

With our fabrication shop we can offer the following benefits:

- Allows standardization of tank design
- Minimizes cost of production
- Quick delivery for lower inventory costs

Call 1-800-821-6583 for pricing & delivery

# TANK ALARM

326206

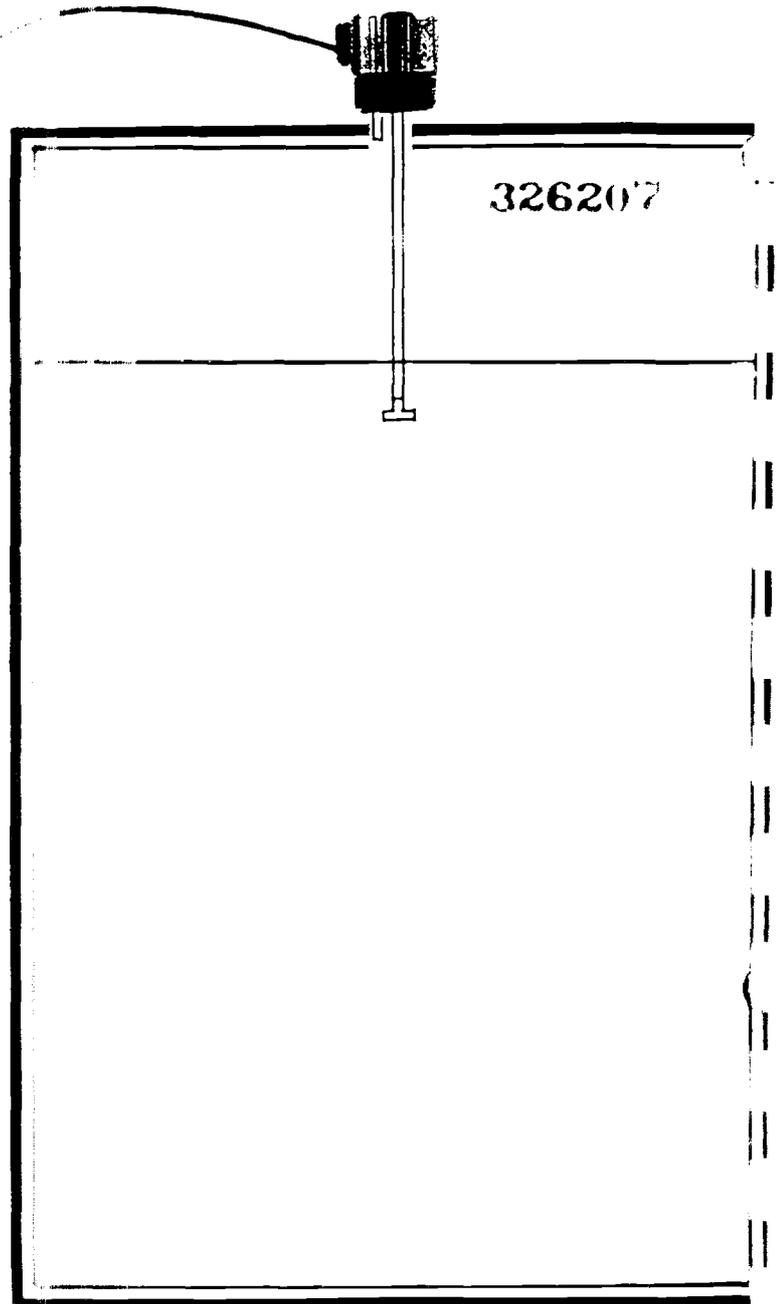
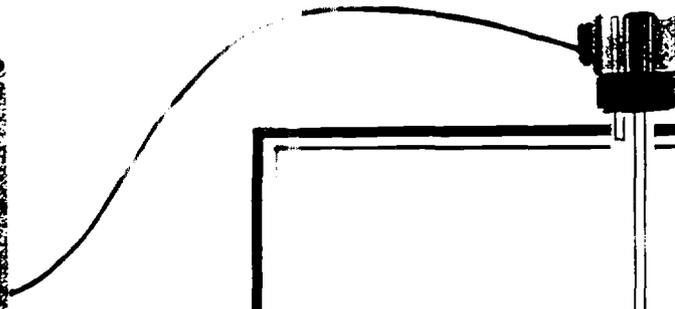
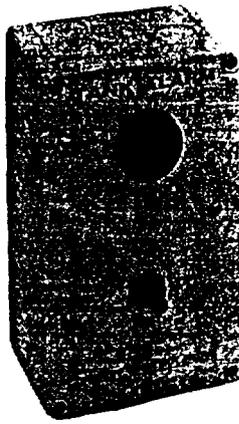
## OVERFILL ALARM SYSTEM for ABOVE GROUND STORAGE TANKS



- LOW COST
- SOLID STATE SENSING DEVICE, NO MOVING PARTS
- INTRINSICALLY SAFE, BATTERY POWERED
- EASY TO INSTALL
- 95 DECIBEL AUDIO ALARM

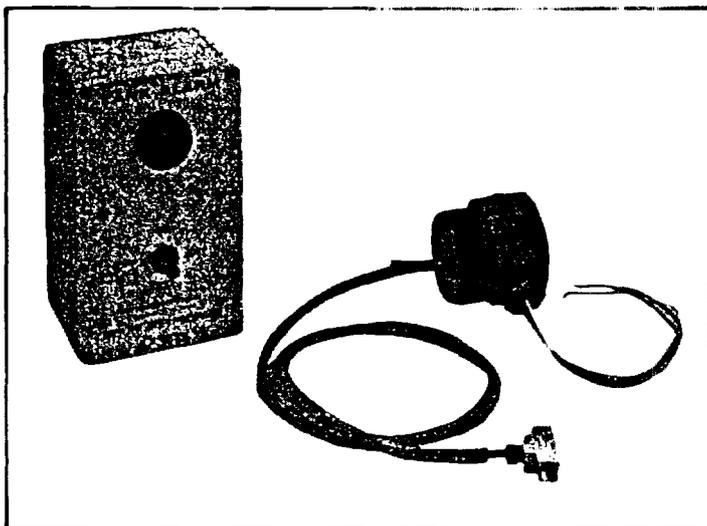


WESTERI  
ELECTRONIC



The TANK ALARM is a pressure sensing device used to sound an alarm at 90% fluid level.

- Field adjustable for all size tanks
- Sensing head fits standard 2" threaded opening
- Easy to operate, single switch for ON/OFF test
- Accurate repeatability point
- Built in self test
- Uses internal low voltage batteries, no external electrical requirements
- 2 year limited warranty

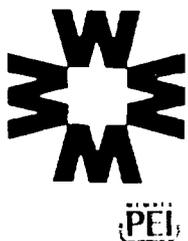


### Specifications:

TEMPERATURE RANGE: -40°C to 70°C

DIMENSIONS: 7" x 4 1/4" x 3 1/2"

POWER REQUIREMENTS: No external power requirements. Internal battery power 18 VDC



**WESTERN  
ELECTRONICS**

2626 SKYWAY  
GRAND PRAIRIE, TEXAS 75051  
214-261-5411

326208

**APPENDIX F**  
**PHOTOGRAPHIC EVIDENCE**

Tank No. 1015-1



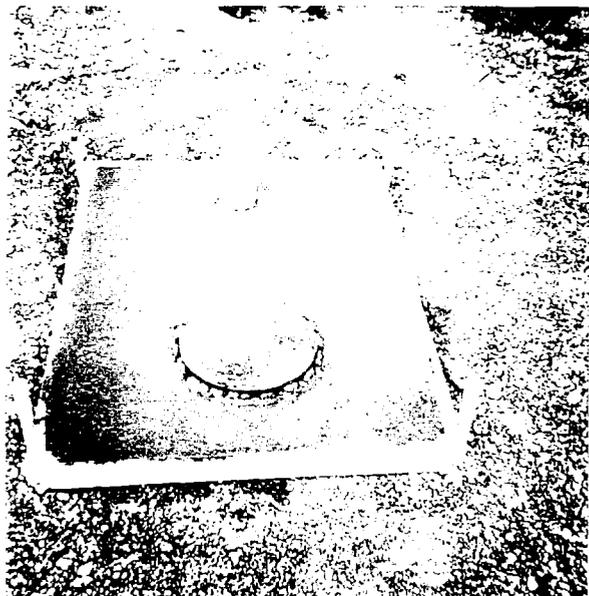
1. Spill containment and overfill protection devices installed at 1015.



2. Vent line relocated due to being bolt welded & could not be reinstalled at original location.



3. All metal objects wrapped with cathodic protection tape prior to backfilling



4. Concrete pad installed.

NAS FORT WORTH JRB  
UST UPGRADES

326210

Tank No. 3000-1



5. Backfill mounded up around tank 3001-1 to a depth of 18".



6. Overfill protection device and new vent line installed.



7. Concrete finish grade installed over tank 3001-1.

NAS FORT WORTH JRB  
UST UPGRADES

326211

Tank No. 4111-1



8. Site 4111 prior to start of upgrades.



9. Spill containment device installed.



10. Overfill protection alarm installed.



11. Bollards reinstalled around aboveground spill containment device.

Tank No. 4127-1



12. Site 4127 prior to start of upgrades.



13. Product line with evidence of advanced corrosion. Note holes in pipe.



14. New product line and trench installed & cathodically protected.

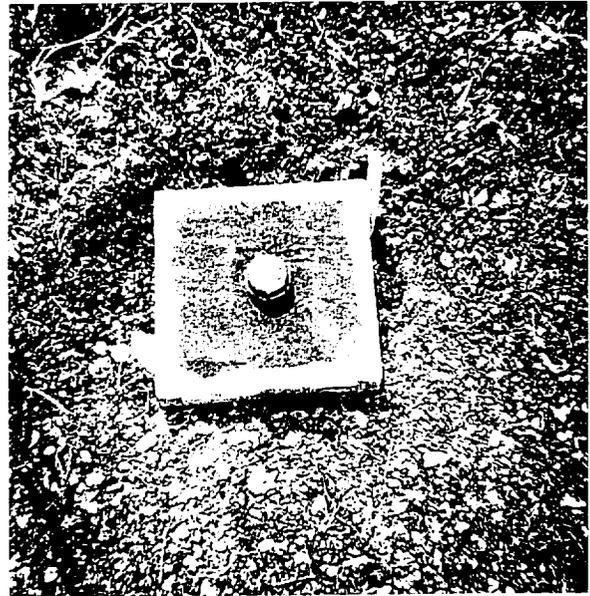


15. New product line, vent line, spill protection and overfill protection alarm installed.

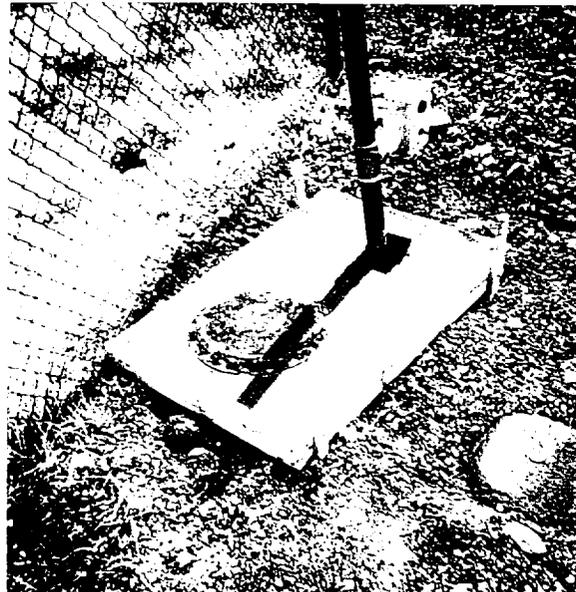
Tank No. 4127-1



16. Excavation backfilled to grade & compacted.



17. Gauge port riser with concrete pad installed.



18. Spill and overflow protection concrete pad installed.

NAS FORT WORTH JRB  
UST UPGRADES

Tank No. 4136-1

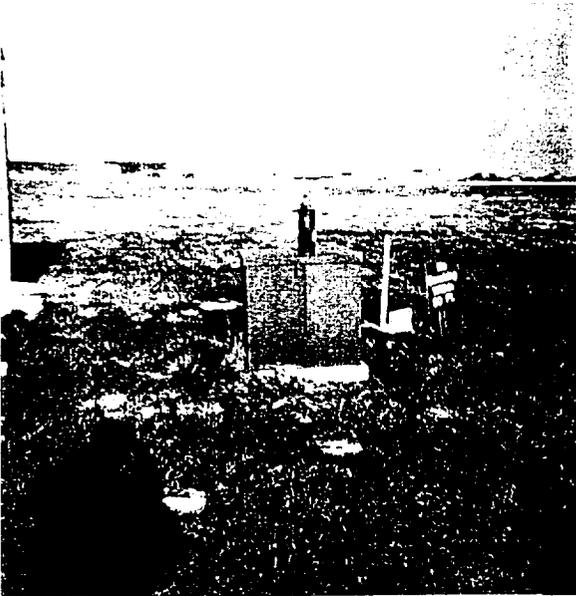


19. Site 4136 prior to upgrade.



20. Overfill protection device being installed.

Tank No. 4141-1



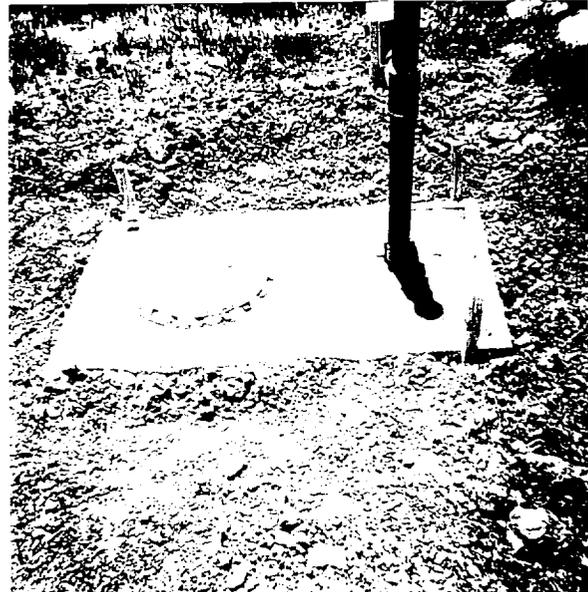
21. Site 4141 prior to upgrades.



22. Spill protection and overfill alarm installed.



23. Excavation backfilled to grade & compacted.



24. Concrete pad installed.

NAS FORT WORTH JRB  
UST UPGRADES

326216

Tank No. 1143-1



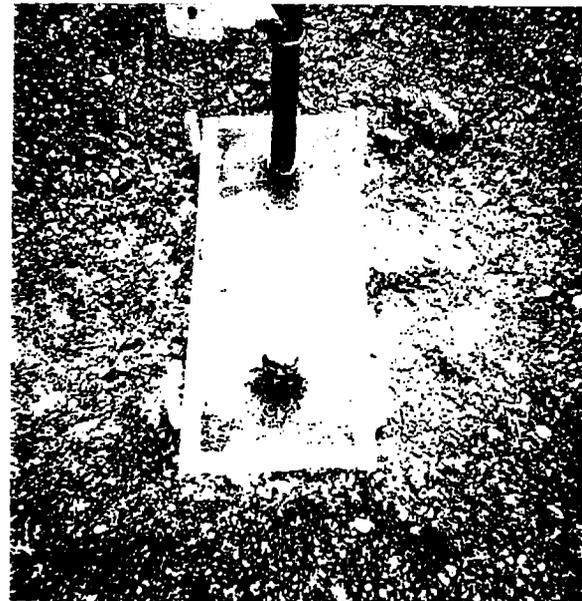
25. Spill containment installed.



26. Riser for overfill alarm installed & cathodically protected.



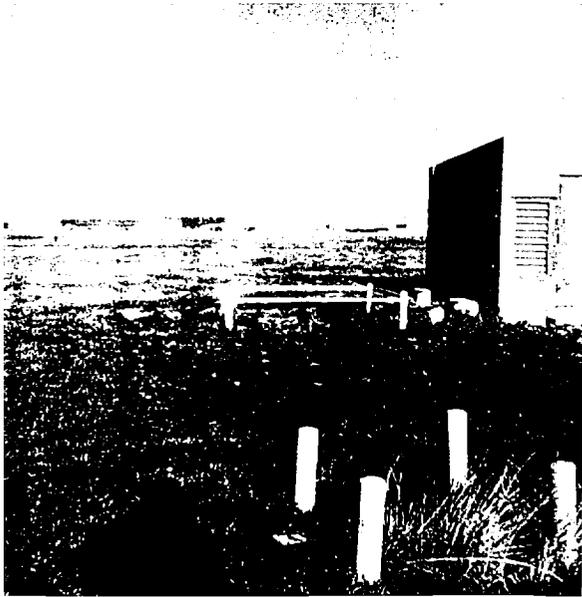
27. Excavation backfilled to grade & compacted.



28. Concrete pad installed around overfill protection device.



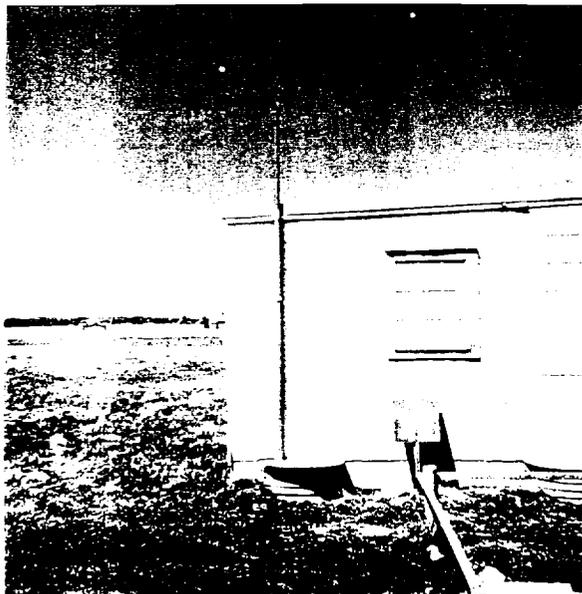
29. Upgrades completed



30. Site 4145 prior to upgrades.



31. Spill & overfill protection, as well as new FRP vent piping installed.



32. Vent extended to proper height above roof.



33. Concrete pad installed. Access to overfill protection device through OPW-104 MH.



34. Concrete slab settled & was raised & re-compacted on July 2, 1996.



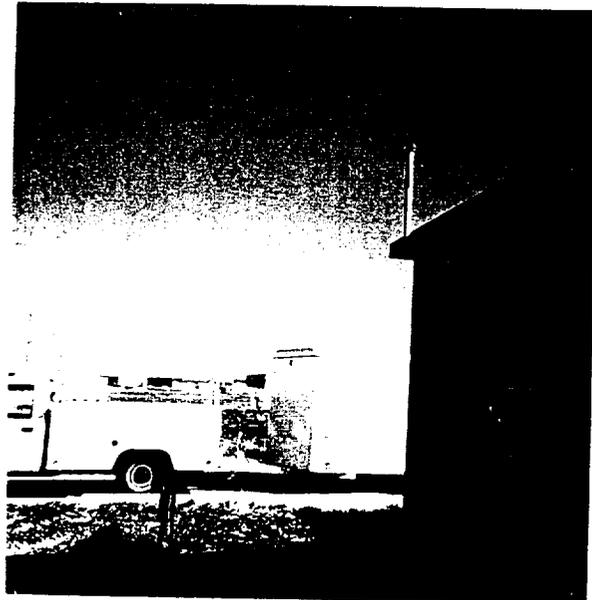
35. Site 4155 prior to upgrades



36. Spill & overfill protection devices being installed.



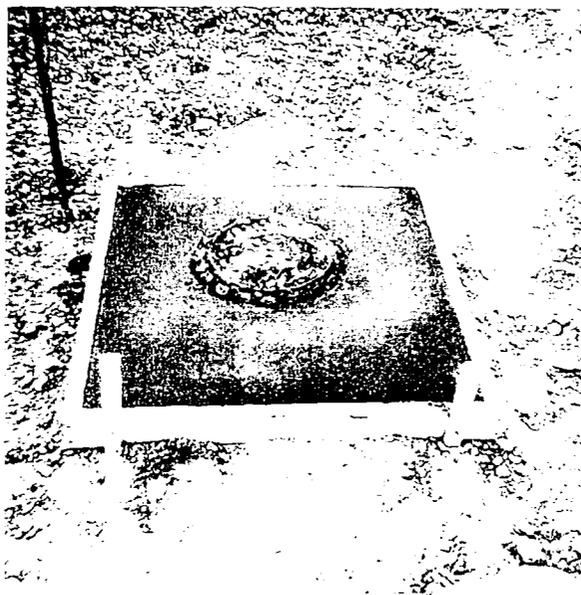
37. Excavation backfilled to grade & compacted.



38. Vent extended to proper height above roof line.

NAS Fort Worth JRB  
UST UPGRADES  
Tank No. 4155-1

326221



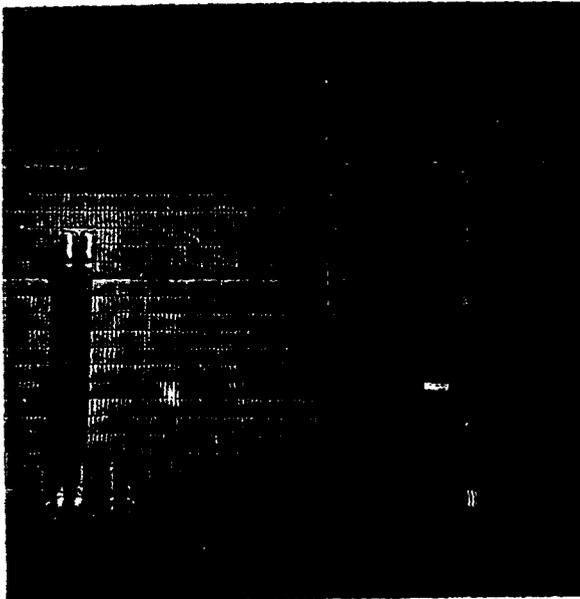
39. Concrete pad installed



40. Site 4171 prior to upgrades



41. Spill & overfill protection installed. Note cathodic protection tape on all exposed piping.



42. Vent extended to proper height above roof line.



43. Concrete pad installed



44. Site 4216 prior to upgrades.



45. Overfill protection being installed



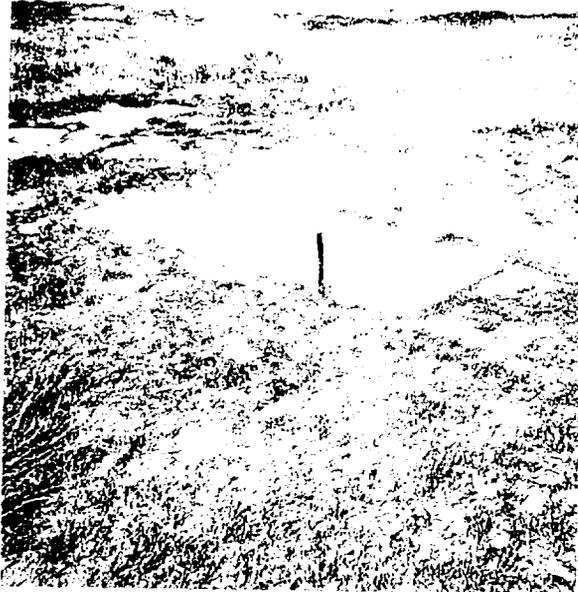
46. Excavation backfilled & compacted.



47. Vent extended to proper height above roof line

NAS Fort Worth JRB  
UST UPGRADES  
Tank No. 4216-1

326224



48. Concrete pad installed over all risers & manholes on tank.

32622

**APPENDIX G**  
**CHRONOLOGY OF EVENTS**

**TANK SYSTEM UPGRADES  
CHRONOLOGY OF EVENTS**December 27, 1995

UST submitted proposal 5496-038 in response to Jacobs Engineering Group, Inc. (JEG) Request for Proposal No. 10-K702-00-R96-0006 to perform upgrades and improvements for Underground Storage Tank Systems at NAS Fort Worth JRB, Carswell Field, Fort Worth, Texas.

March 4, 1996

UST received the subcontract award notification from JEG, executed by Mr. Robert C. Miller, Subcontract Manager.

March 11, 1996

UST submitted the required Thirty Day Construction Notification to TNRCC's Central Office, Austin, Texas and to the TNRCC Region 4 Field Office, Duncanville, Texas for the upgrade of eleven (11) underground storage tanks. A waiver of thirty day notification was granted by Mr. Ron Scharber, Region 4, Duncanville.

March 14, 1996

Digging permit applications were submitted for the eleven sites where underground storage tanks were to be upgraded.

March 20, 1996

Received approved digging permits from Public Works Engineering Department.

March 22, 1996

Permit No. M11-0100-96 was obtained from the City of Fort Worth Bureau of Fire Prevention for upgrade and repair to eleven (11) underground storage tanks at eleven (11) separate locations at NAS Fort Worth JRB.

April 11, 1996

Excavated to top of tank 1015-1. Installed OPW 1C-2100 spill containment manhole and OPW 233/53 extractor valve and ball float assembly overflow device. Relocation of vent required due to vent being butt welded and could not be reinstalled in its original location.

April 15, 1996

Excavated to top of tank 4127-1. Installed OPW 1C-2100 spill containment manhole and Sonalert overflow alarm. New galvanized suction product and vent lines were installed from tank to building following observation of numerous holes due to advanced corrosion. Cause of corrosion was likely that the tank was grounded by a grounding rod welded to fill riser. Tank area was backfilled and system tested.

April 16, 1996

Replaced backfill at 1015 using native soil excavated previously and compacted to grade. Clean brick sand was used to bed and backfill all piping. Disposed of remainder of previously excavated native soil. Excavated to top of tank 4111-1. Installed Universal 76CD-1608 aboveground spill containment manhole on remote fill riser. A Sonalert overfill alarm was installed on tank. Excavation was backfilled. Installed OPW 61SO drop tube overfill device in tank 4136-1. Installed Universal 76CD-1608 aboveground spill containment manhole and Sonalert overfill alarm on tank 4143-1.

April 17, 1996

Installed OPW 1C-2100 spill containment and Sonalert overfill alarm on tank 4141-1. Began excavation to top of tank 4145-1.

April 18, 1996

Completed upgrades at 4145-1 with OPW 1C-2100 spill containment manhole and OPW 233/53 extractor valve and ball float assembly overfill device. Replaced existing vent line with a new fiberglass reinforced plastic (FRP) 2" vent line from the tank to the building. Existing vent was too small and did not meet minimum standards. Backfilled excavation and cleaned area of construction. Installed new tank testing probes at tank 4141-1, 4111-1, and 4127-1.

April 22, 1996

Mobilized to site. Conducted site safety meeting and cancelled work due to inclement weather.

April 23, 1996

Excavated to top of tanks 4155-1, 4171-1, and 4216-1. Installed OPW 1C-2100 spill containment manholes on each tank. Installed OPW 61SO 3" drop tube overfill protection devices on tanks 4171-1 and 4215-1. Installed OPW 61SO 4" drop tube overfill protection device on 4216-1. Extended vent piping to required height on 4155-1 and 4171-1. Made fiberglass repairs to FRP piping on 4216-1. Area of construction was cleared of debris.

April 24, 1996

Inoculated nine sites for *Tracer Tight*® testing of tanks.

May 2, 1996

Installed OPW 233/53 extractor valve and ball float assembly overfill protection devices at 3001-1. Installed 2" x 12" flex connector and vent piping to required height. Installed OPW 1C-2105 slip-on spill containment manhole.

May 5, 1996

Installed 36" and 8" manhole covers

May 7, 1996

Fabricated and set concrete forms for installations of 3,000psi concrete pads.

May 8, 1996

Poured and finished concrete at sites 4216 and 3001. Poured concrete at 4143, 4171, 4145, 4141, 4127, 4155, and 1015.

May 9, 1996

Removed concrete forms at upgrade sites. Installed bollards at 4143. Removed sand and policed area at 1015. Installed new vent plug at 4127. Cut rebar at 3000-1. Extended vent piping at 4216.

May 28, 1996

Welded bollard rail and repaired defective module in Sonalert device at 4111. Secured vent piping at 4216 and 4171. Installed ball float assembly in 3000-1. Checked remaining sites with no unsatisfactory conditions noted.

June 4, 1996

Spread grass seed at 4210 and 1750.

June 17, 1996

Checked all sites, took photographs and measured concrete pads. Job complete.

326229

**APPENDIX H**  
**REVISED REGISTRATION**

# TNRCC UNDERGROUND STORAGE TANK REGISTRATION FORM

For Use in TEXAS		Please mail completed form to Registration Section, PST Division Texas Natural Resource Conservation Commission P.O. Box 13087, MC 138 Austin, TX 78711-3087 (512) 239-2160	Facility ID Number (If known) 0009696
		TEXAS NATURAL RESOURCE CONSERVATION COMMISSION	Owner ID Number (If known) 04532
			Tax ID Number <b>020230</b>

## I. OWNER INFORMATION

## II. FACILITY INFORMATION

Owner Name <b>United States Air Force</b>			Facility Name <b>United States Air Force</b>		
Mailing Address <b>NAS Fort Worth JRB, Carswell Field</b>			Physical Address <b>NAS Fort Worth JRB, Carswell Field</b>		
City <b>Fort Worth</b>	State <b>TX</b>	Zip Code <b>76127</b>	City <b>Fort Worth</b>	State <b>TX</b>	Zip Code <b>76127</b>
County <b>Tarrant</b>			County <b>Tarrant</b>		
Contact Person <b>Al Flolo</b>		Telephone <b>(817) 731-8973</b>	Contact Person <b>Al Flolo</b>		Telephone <b>(817) 731-8973</b>
TYPE OF OWNER <input type="checkbox"/> Private or Corporate <input type="checkbox"/> State Government <input type="checkbox"/> Local Government <input checked="" type="checkbox"/> Federal Government			TYPE OF FACILITY (Mark all that apply) <input type="checkbox"/> Retail <input type="checkbox"/> Farm or Residential <input type="checkbox"/> Wholesale <input type="checkbox"/> Fleet Refueling <input checked="" type="checkbox"/> Aircraft Refueling <input type="checkbox"/> Indian Land <input type="checkbox"/> Indus./Chem./Mfr. Pnt. <input type="checkbox"/> Other (please specify) _____		
Location of Records (if off-site)					
Address, City, State			Number of aboveground storage tanks at this facility _____		Number of underground storage tanks at this facility _____
Contact Person		Telephone			

## III. REGISTRATION STATUS

**REASON FOR SUBMITTING FORM (Mark all that apply)**

Original Form       Ownership Change (effective date \_\_\_\_/\_\_\_\_/\_\_\_\_)       Owner Information Update  
 Facility Information Update       Tank Information Update (please complete back side of form)  
 Other (please specify) \_\_\_\_\_

## IV. FINANCIAL RESPONSIBILITY

Does this facility meet financial responsibility requirements for corrective action?     Yes     No

Does this facility meet 3rd party liability requirements?     Yes     No

If yes, please specify mechanism (Mark all that apply)

<input type="checkbox"/> Letter of Credit	<input type="checkbox"/> Trust Fund	<input type="checkbox"/> Insurance or Risk Retention Group	<input type="checkbox"/> PST Remediation Fund*	<input type="checkbox"/> Standby Trust Fund
<input type="checkbox"/> Guarantee	<input type="checkbox"/> Financial Test	<input type="checkbox"/> Surety Bond	<input type="checkbox"/> Bond Rating Test**	<input type="checkbox"/> Local Gov. Fund**

\* Only an acceptable mechanism for Financial Assurance until September 1, 2001.    \*\* For local government only.

## V. INSTALLER CERTIFICATION

**NOTE:** This section must be completed and signed by the Installer. Leave blank if no tank installation activity is involved.

I certify that the information provided concerning recent installations is true to the best of my belief and knowledge.

Was tank testing completed during and after installation?     Yes     No

Installation Company Name (print) \_\_\_\_\_ Contractor's Registration Number **CRP**

Installer's Name (print) \_\_\_\_\_ Installer's License Number **ILP**

Installer Signature \_\_\_\_\_ Date Signed \_\_\_\_\_

## VI. OWNER CERTIFICATION

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 based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Owner or Owner's Authorized Representative (print) **NANCY R. AUDELO** Title (print) **CONTRACTING OFFICER**

Signature **Nancy R Audelo** Date Signed **7/18/96**

## VII. DESCRIPTION OF UNDERGROUND STORAGE TANKS (UST'S)

Tank ID (e.g. 1, 2, 3 or A, B, C)	4136-1	4141-1	4143-1	4145-1
<b>TANK STATUS</b>				
Tank Installation Date (month/day/year)	____/____/____	____/____/____	____/____/____	____/____/____
Tank Capacity (gallons)	_____	_____	_____	_____
1. Currently In Use	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>
2. Temporarily Out of Service (date) Emptied (Yes/No)	2. ____/____/____ <input type="checkbox"/> Y <input type="checkbox"/> N			
3. Permanently Abandoned In-place (date) (must be filled with sand or concrete, etc.)	3. ____/____/____	3. ____/____/____	3. ____/____/____	3. ____/____/____
4. Permanently Removed from the Ground (date)	4. ____/____/____	4. ____/____/____	4. ____/____/____	4. ____/____/____
<b>SUBSTANCE STORED</b>				
1. Gasoline	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>
2. Diesel	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>
3. Kerosene	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>
4. Used Oil	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>
5. New Oil	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>
6. Other Petroleum Substance (please specify)	6. _____	6. _____	6. _____	6. _____
7. Hazardous Substance	7. _____	7. _____	7. _____	7. _____
a. Name of Principal CERCLA Substance	a. _____	a. _____	a. _____	a. _____
b. Chemical Abstract Service (CAS) No.	b. _____	b. _____	b. _____	b. _____
c. Mixture of Hazardous Substances (please specify)	c. _____	c. _____	c. _____	c. _____
8. Mixture of Petroleum & Hazardous Substance	8. <input type="checkbox"/>	8. <input type="checkbox"/>	8. <input type="checkbox"/>	8. <input type="checkbox"/>
9. Other (please specify)	9. _____	9. _____	9. _____	9. _____
<b>UST CONSTRUCTION AND CONTAINMENT</b>				
1. Single Wall (Mark all that apply) <input checked="" type="checkbox"/>	1. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
2. Double Wall	2. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
3. External Jacket System	3. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
4. Excavation/Trench Liner System	4. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
5. Piping System:	5. _____	5. _____	5. _____	5. _____
a. Pressurized	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>
b. Suction	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>
c. Gravity	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>	c. <input type="checkbox"/>
6. Other (please specify)	6. _____	6. _____	6. _____	6. _____
<b>MATERIAL OF CONSTRUCTION</b>				
1. Steel	1. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
2. Fiberglass-Reinforced Plastic (FRP)	2. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
3. Composite (steel w/FRP laminate)	3. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
4. Concrete	4. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
5. Other (please specify)	5. _____	5. _____	5. _____	5. _____
<b>RELEASE DETECTION (Mark all that apply) <input checked="" type="checkbox"/></b>				
1. Vapor Monitoring	1. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
2. Groundwater Monitoring	2. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
3. Monitoring Above Excavation Liner	3. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
4. Automatic In-Tank Monitoring & Inventory Control	4. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
5. Interstitial Monitoring for Double Wall UST's	5. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
6. Tightness Testing	6. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
7. Inventory Control	7. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
8. Statistical Inventory Reconciliation (SIR)	8. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
9. None	9. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
10. Line Leak Detectors	10. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
11. Other (please specify)	11. _____	11. _____	11. _____	11. _____
<b>CORROSION PROTECTION (Mark all that apply) <input checked="" type="checkbox"/></b>				
1. External Dielectric Coating/Laminate/Tape/Wrap	1. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
2. Cathodic Protection - Installation: <input type="checkbox"/> Factory <input type="checkbox"/> Field	2. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
3. Composite Tank (steel w/FRP cladding)	3. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
4. Noncorrodible Material (e.g., FRP)	4. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
5. Electrical Isolation	5. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
6. None	6. <input type="checkbox"/> Tank <input type="checkbox"/> Piping			
7. Other (please specify)	7. _____	7. _____	7. _____	7. _____
<b>SPILL AND OVERFILL PREVENTION (Mark all that apply) <input checked="" type="checkbox"/></b>				
1. Tight-Fill Fitting	1. <input checked="" type="checkbox"/>			
2. Spill Container/Liquid-Tight Sump	2. <input checked="" type="checkbox"/>			
3. Automatic Overfill Device:	3. _____	3. _____	3. _____	3. _____
a. Shut-Off Valve	a. <input checked="" type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>	a. <input type="checkbox"/>
b. Flow Restrictor Valve	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input type="checkbox"/>	b. <input checked="" type="checkbox"/>
c. Alarm with a. or b.	c. <input type="checkbox"/>	c. <input checked="" type="checkbox"/>	c. <input checked="" type="checkbox"/>	c. <input type="checkbox"/>
4. None	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>

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Indicate VAPOR RECOVERY EQUIPMENT STATUS if gasoline is stored and dispensed at this facility, and if facility is located in an ozone nonattainment area:  Stage II equipment installation date: \_\_\_\_/\_\_\_\_/\_\_\_\_  No Stage II equipment  Exempt  Qualified for ISBMG extension

## VII. DESCRIPTION OF UNDERGROUND STORAGE TANKS (UST'S)

Tank ID (e.g. 1, 2, 3 or A, B, C)	4155-1	4171-1	4216-1	
<b>TANK STATUS</b>				
Tank Installation Date (month/day/year)	____/____/____	____/____/____	____/____/____	____/____/____
Tank Capacity (gallons)	____	____	____	____
1. Currently in Use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <b>326233</b>
2. Temporarily Out of Service (date) Emptied (Yes/No)	____/____/____ <input type="checkbox"/> Y <input type="checkbox"/> N			
3. Permanently Abandoned In-place (date) (must be filled with sand or concrete, etc.)	____/____/____	____/____/____	____/____/____	____/____/____
4. Permanently Removed from the Ground (date)	____/____/____	____/____/____	____/____/____	____/____/____
<b>SUBSTANCE STORED</b>				
1. Gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Diesel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Kerosene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Used Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. New Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Other Petroleum Substance (please specify)	____	____	____	____
7. Hazardous Substance	____	____	____	____
a. Name of Principal CERCLA Substance	____	____	____	____
b. Chemical Abstract Service (CAS) No.	____	____	____	____
c. Mixture of Hazardous Substances (please specify)	____	____	____	____
8. Mixture of Petroleum & Hazardous Substance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Other (please specify)	____	____	____	____
<b>UST CONSTRUCTION AND CONTAINMENT</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. Single Wall (Mark all that apply) <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Double Wall	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. External Jacket System	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Excavation/Trench Liner System	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Piping System:				
a. Pressurized	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Suction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Gravity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Other (please specify)	____	____	____	____
<b>MATERIAL OF CONSTRUCTION</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Fiberglass-Reinforced Plastic (FRP)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Composite (steel w/FRP laminate)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Concrete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Other (please specify)	____	____	____	____
<b>RELEASE DETECTION (Mark all that apply) <input checked="" type="checkbox"/></b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. Vapor Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Groundwater Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Monitoring Above Excavation Liner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Automatic In-Tank Monitoring & Inventory Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Interstitial Monitoring for Double Wall UST's	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Tightness Testing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Inventory Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Statistical Inventory Reconciliation (SIR)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. None	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Line Leak Detectors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Other (please specify)	____	____	____	____
<b>CORROSION PROTECTION</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. External Dielectric Coating/Laminate/Tape/Wrap (Mark all that apply) <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Cathodic Protection - Installation: <input type="checkbox"/> Factory <input type="checkbox"/> Field	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Composite Tank (steel w/FRP cladding)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Noncorrodible Material (e.g., FRP)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Electrical Isolation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. None	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Other (please specify)	____	____	____	____
<b>SPILL AND OVERFILL PREVENTION</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>	<b>Tank Piping</b>
1. Tight-Fill Fitting (Mark all that apply) <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Spill Container/Liquid-Tight Sump	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Automatic Overfill Device:				
a. Shut-Off Valve	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Flow Restrictor Valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Alarm with a. or b.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. None	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Indicate VAPOR RECOVERY EQUIPMENT STATUS if gasoline is stored and dispensed at this facility, and if facility is located in an ozone nonattainment area:  Stage II equipment installation date: \_\_\_\_/\_\_\_\_/\_\_\_\_  No Stage II equipment  Exempt  Qualified for ISBMG extension

**APPENDIX I**  
**GENERAL CORRESPONDENCE**

# EMERGENCY INFORMATION

- In case of Fire, Police, or Ambulance Emergency, REMAIN CALM, contact 911 FIRST, then contact the UST office, Dan Hill, or Jim Adams.

- For all other Emergencies, REMAIN CALM, contact the appropriate Emergency service FIRST, then contact the UST office, Dan Hill, or Jim Adams.

<u>FIRE - POLICE - AMBULANCE</u>	911	
<u>METHODIST FORT WORTH HOSPITAL</u>	(817) 882-2000	(Emergency Room)
<u>AFCEE CONTRACTING OFFICER'S REP.</u> CPT Joseph Feaster	(210) 536-5275	
<u>AFBCA ENGINEERING OFFICE REP.</u> Al Flolo, Engineering Technician Nancy R. (Randi) Audelo, Contracting Officer	(817) 782-8973, ext 19  ext 12	FAX: (817) 731-8137
<u>TNRCC REGION 4 OFFICE</u> Lonnie Gilley, PST Inspector	(214) 298-6171	FAX: (214) 709-1181
<u>FEDERAL BUREAU OF PRISONS REP.</u> Kevin Gaddis, Spvr. Const. Rep. PM	(817) 782-4050	FAX: (817) 782-(TBD)
<u>JACOBS ENGINEERING GROUP, INC.</u> Lynn Schuetter, Project Manager Robert C. Miller, Subcontract Manager John McManus, Site Manager	(303) 595-8855   (817) 737-7237 PAGER: (800) 759-7243	FAX: (303) 595-8857   FAX: (817) 737-7217 PIN # 1300605
<u>UST, INC. OFFICE:</u> Dan Hill Jim Adams	(817) 481-9510 Mobile: (817) 999-9909 Mobile: (817) 999-0433	FAX: (817) 488-1729 Pager: (817) 452-6510 Pager: (817) 452-0249

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3496 - 003

Date: 4/11/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form

**ATTENDEES**  
Clarence D. Hill  
Ray [Signature]  
Paul D. Wilson  
Jon D. [Signature]

**BRIEFER:** Mark [Signature]  
Randy [Signature]  
Walter [Signature]  
Mark E. [Signature]

**GENERAL TOPICS**

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
4. No Smoking signs deployed at each entry/exit point. Smoking is not permitted at any time within the work area or any UST vehicle.
5. All electrical equipment must have adequate grounds. All power equipment used must have bonding straps available.
6. All tools and Personal Protective Equipment (PPE) shall be properly stowed when not in use.
7. All trash and other debris shall be removed from the job site daily prior to departure.
8. The location of eye wash, shower and toilet facilities.
9. Use of proper PPE when in the work area, e.g. hard hats, steel toe shoes, hand, ear and eye protection, etc.
10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:
 

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

326237

Project No: 3496-003

Date: 4/15/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Clarence D. Hill  
William Kemp  
[Signature]  
[Signature]  
[Signature]  
[Signature]  
[Signature]  
[Signature]  
[Signature]

BRIEFER:

Mark Estess  
Mark Estess  
Randy Pitts  
Colt [Signature]  
De [Signature]  
[Signature]  
[Signature]  
[Signature]  
[Signature]

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
4. No Smoking signs deployed at each entry/exit point. Smoking is not permitted at any time within the work area or any UST vehicle.
5. All electrical equipment must have adequate grounds. All power equipment used must have bonding straps available.
6. All tools and Personal Protective Equipment (PPE) shall be properly stowed when not in use.
7. All trash and other debris shall be removed from the job site daily prior to departure.
8. The location of eye wash, shower and toilet facilities.
9. Use of proper PPE when in the work area, e.g. hard hats, steel toe shoes, hand, ear and eye protection, etc.
10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

326238

Project No: 3496-003

Date: 4/16/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Clarence D. Hill  
William R. Hill  
Randy Bitts  
Mark C. Hill  
[Signature]  
[Signature]  
[Signature]

BRIEFER:

Don Rawls  
Mark E. Hill  
Jon D. [Signature]  
Carl J. Wilson  
[Signature]  
[Signature]  
[Signature]

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
4. No Smoking signs deployed at each entry/exit point. Smoking is not permitted at any time within the work area or any UST vehicle.
5. All electrical equipment must have adequate grounds. All power equipment used must have bonding straps available.
6. All tools and Personal Protective Equipment (PPE) shall be properly stowed when not in use.
7. All trash and other debris shall be removed from the job site daily prior to departure.
8. The location of eye wash, shower and toilet facilities.
9. Use of proper PPE when in the work area, e.g. hard hats, steel toe shoes, hand, ear and eye protection, etc.
10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.

**UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE**

Project No: 3496-003

Date: 4/17/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

**ATTENDEES**

Clarence D. Hill  
Warren L. Kemp  
Randy Rittner  
Mark E. Suer

**BRIEFER:**

Mark Suer  
John Wilson  
John D. Suer

**GENERAL TOPICS**

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
4. No Smoking signs deployed at each entry/exit point. Smoking is not permitted at any time within the work area or any UST vehicle.
5. All electrical equipment must have adequate grounds. All power equipment used must have bonding straps available.
6. All tools and Personal Protective Equipment (PPE) shall be properly stowed when not in use.
7. All trash and other debris shall be removed from the job site daily prior to departure.
8. The location of eye wash, shower and toilet facilities.
9. Use of proper PPE when in the work area, e.g. hard hats, steel toe shoes, hand, ear and eye protection, etc.
10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:
 

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.

326240

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3496-003

Date: 4/18/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

**ATTENDEES**

Clarence D. Hill  
Mark Owen Jr  
Carl Wilson  
Mark Owen  
Walter J. Jones  
Randy B. Jones  
[Signature]

**BRIEFER:**

[Signature]

**GENERAL TOPICS**

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
4. No Smoking signs deployed at each entry/exit point. Smoking is not permitted at any time within the work area or any UST vehicle.
5. All electrical equipment must have adequate grounds. All power equipment used must have bonding straps available.
6. All tools and Personal Protective Equipment (PPE) shall be properly stowed when not in use.
7. All trash and other debris shall be removed from the job site daily prior to departure.
8. The location of eye wash, shower and toilet facilities.
9. Use of proper PPE when in the work area, e.g. hard hats, steel toe shoes, hand, ear and eye protection, etc.
10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:
 

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.

15. EMERGENCY MEDICAL PROCEDURES + ROUTE.

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3496-003

Date: 4/22/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Clement D. Hill  
Mark Owen Jr  
Randy Pitt  
Mark Estuar  
Joel J.  
D. Lee

BRIEFER:



GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
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10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:
 

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.
15. EMERGENCY MEDICAL PROCEDURES + ROUTE.

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

326242

Project No: 3496-003

Date: 4/23/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Clarence D. Hill  
Mark Ayers  
Mark E. Stearns  
[Signature]  
   
   
 

BRIEFER:

Randy Ritter  
Ray Kowich  
John P. [Signature]  
Paul Wilson  
   
   
 

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
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10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.
15. EMERGENCY MEDICAL PROCEDURES + ROUTE

326243

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3496-003

Date: 5/1/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Randy Ritter  
Mark Owen  
William Kemp  
Paul E. ...  
Paul Wilson  
Dan Schulz

BRIEFER:

Clarence D. Hill  
John A. Zi

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
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10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.
15. Emergency Medical Procedures & Route to Emergency Room (Hospital).

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

326244

Project No: 3496-003

Date: 5/2/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES  
Clarence D. Hill  
Randy Ritter  
Mark Estess  
Wally Kemp  
[Signature]  
[Signature]

BRIEFER: Mark Owen Jr

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
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10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.
15. Emergency Medical Procedures & Route to Emergency Room (Hospital).

326245

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3496-003

Date: 5/3/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Clarence D. Hill  
Mark Estep  
Randy Petty  
Walter R. Kemp  
Cal Johnson  
Robert [unclear]  
Jimmy [unclear]  
Billy [unclear]  
Steven [unclear]

BRIEFER:

Mark Estep  
John [unclear]

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
3. Overhead obstructions and underground utilities (Review and brief permit restrictions & hazards).
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10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:
 

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.
15. Emergency Medical Procedures & Route to Emergency Room (Hospital).

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

326246

Project No: 3496-003

Date: 5/7/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

[Handwritten signatures]  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

BRIEFER:

Randy R. Hen  
Clarence Q. Hill  
Joe D. Zi  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
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10. Class ABC fire extinguishers shall be positioned and readied for immediate use.
11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.
15. Emergency Medical Procedures and Route to Emergency Room.

326247

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

Project No: 3496-003

Date: 5/8/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES

Randy Ritten  
Mark Green  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

BRIEFER:

Clarence D. Hill  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
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11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:
 

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.
15. Emergency Medical Procedures and Route to Emergency Room.

UNIFIED SERVICES OF TEXAS, INC.  
SITE SAFETY BRIEFING GUIDE

326248

Project No: 3496-003

Date: 5/9/96

In accordance with Unified Services of Texas, Inc. (UST) Standard Site Safety Plan, a safety briefing will be conducted for all employees, subcontractors, consultants, and/or additional assigns and hires, prior to beginning work for the day. The following items are provided as a general listing and should not be considered to be a complete list of topics to be covered. Site specific safety items should be added as required. Each attendee's name shall be recorded on this form.

ATTENDEES  
Mark Owen Jr  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

BRIEFER: Randy Ritter  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GENERAL TOPICS

1. Keep vehicle and foot traffic within immediate vicinity of the job site to a minimum.
2. Contaminants expected to be encountered. Review MSDS(s). Avoid contact if possible.
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11. No eating or drinking shall be permitted at the job site.
12. Site safety equipment:

124 item first aid kit	Gloves (leather, rubber and latex)
Appropriate disposal outer clothing	Emergency hand lights
Eye protection devices	Hearing protection devices
3A; 40BC fire extinguishers	Head protection devices
Traffic cones, barricades, etc.	Caution tape
13. Safety Observer
14. Specific Task(s) Scheduled for the day.
15. Emergency Medical Procedures and Route to Emergency Room.



Unified Services of Texas, Inc.

Complete Petroleum Storage Tank Services

2110 Greenbriar Drive, Southlake, TX 76092 (817) 481-9510, FAX: (817) 488-1729

326249

TRANSMITTAL MEMO

TO: 301st SPTC/CEV
1215 Depot Avenue
NAS Fort Worth JRB
Fort Worth, TX 76127

ATTN: Al Flolo

DATE: May 30, 1996
UST JOB NO. 3294-014
RE: May Tracer Tight Monthly
Monitoring Test Results

WE TRANSMIT:

( ) herewith ( ) under separate cover (x) via mail

FOR YOUR:

- ( ) approval ( ) information
(x) records ( ) review and comment
( ) per your request ( ) signature
( ) return to our office ( ) forward to:

Table with 3 columns: COPIES, DATE, DESCRIPTION. Description includes Facilities: 1015, 1050, 1064, 1145, 1156, 1157, 1170, 1420, 1423, 1425, 3000, 3001, 3190, 3359, 3360, 4111, 4127, 4136, 4141, 4143, 4145, 4155, 4171, 4205, 4210, 4215, 4216

REMARKS

COPIES TO:

BY: Chris Baker
Chris Baker

**TRACER TIGHT®  
MONTHLY MONITORING TEST RESULTS**

**326250**

Prepared for:  
Unified Services of Texas, Inc.  
2110 Greenbriar Drive  
Southlake, TX 76092

05/14/96

Date Sampled : May 1996

Job No : 96-8823.may33  
Site : Carswell Air Force Base/Fac. 1015  
Address : Building 1215  
Fort Worth, TX 76127

<b>SYSTEM#</b>	<b>PRODUCT</b>	<b>TRACER</b>	<b>SIZE</b>	<b>STATUS</b>	<b>RECOMMENDED ACTION</b>
Tank 1015-1	JP-4	A	7,000	Pass	Continue Monitoring

Respectfully,

TRACER RESEARCH CORPORATION

Rob Griffin  
Project Manager

AFFILIATE DIVISION

05/14/96

## CONDENSED DATA

Page 21

Location

Compound

Concentration(mg/L)

001,002  
001,002A  
TVIIC0.0000  
0.0000

TVHC (Total Volatile Hydrocarbons) values reported in milligrams/liter (mg/L).  
Tracer values reported in milligrams/liter (mg/L).

0.0000 = Not Detected

-999999.9999 = No Sample

**TRANSMITTAL MEMO**

**TO:** 301st SPTC/CEV  
1215 Depot Avenue  
NAS Fort Worth JRB  
Fort Worth, TX 76127

**ATTN:** Al Flolo

<b>DATE:</b>	<u>May 30, 1996</u>
<b>UST JOB NO.</b>	<u>3294-014</u>
<b>RE:</b>	<u>May Tracer Tight Monthly</u> <u>Monitoring Test Results</u>

**WE TRANSMIT:**

herewith     under separate cover     via mail

**FOR YOUR:**

- |   |   |
|---|---|
| <input type="checkbox"/> approval             | <input type="checkbox"/> information        |
| <input checked="" type="checkbox"/> records   | <input type="checkbox"/> review and comment |
| <input type="checkbox"/> per your request     | <input type="checkbox"/> signature          |
| <input type="checkbox"/> return to our office | <input type="checkbox"/> forward to:        |

COPIES	DATE	DESCRIPTION
		Facilities:
		1015, 1050, 1064, 1145, 1156, 1157, 1170, 1420, 1423,
		1425, 3000, 3001, 3190, 3359, 3360, 4111, 4127, 4136,
		4141, 4143, 4145, 4155, 4171, 4205, 4210, 4215, 4216

**REMARKS** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**COPIES TO:** \_\_\_\_\_

**BY:** Chris Baker  
Chris Baker

**TRACER TIGHT®  
MONTHLY MONITORING TEST RESULTS**

**326253**

Prepared for:  
Unified Services of Texas, Inc.  
2110 Greenbriar Drive  
Southlake, TX 76092

05/14/96

Date Sampled : May 1996

Job No : 96-8791.may33  
Site : Carswell Air Force Base/Facility 3001  
Address : Building 1215  
Fort Worth, TX 76127

SYSTEM#	PRODUCT	TRACER	SIZE	STATUS	RECOMMENDED ACTION
Tank 3001-1	Diesel	A	10,000	Pass	Continue Monitoring
Tank 3001-2	Fuel Oil	A	20,000	Pass	Continue Monitoring
Tank 3001-3	Fuel Oil	C	20,000	Pass	Tank Removed May 1996

Respectfully,

TRACER RESEARCH CORPORATION

Rob Griffin  
Project Manager

AFFILIATE DIVISION

05/14/96

## CONDENSED DATA

Page 2

Location	Compound	Concentration(mg/L)
007,008	A	0.0000
007,008	C	0.0000
007,008	TVHC	0.0000
009,010,011,012	A	0.0000
009,010,011,012	C	0.0000
009,010,011,012	TVHC	0.0000
015	A	0.0000
015	C	0.0000
015	TVHC	0.0000
016,017,018	A	0.0000
016,017,018	C	0.0000
016,017,018	TVHC	0.0000

TVHC (Total Volatile Hydrocarbons) values reported in milligrams/liter (mg/L).  
Tracer values reported in milligrams/liter (mg/L).

0.0000 = Not Detected

-999999.9999 = No Sample



Unified Services of Texas, Inc.

Complete Petroleum Storage Tank Services

2110 Greenbriar Drive, Southlake, TX 76092 (817) 481-9510, FAX: (817) 488-1729

32625

TRANSMITTAL MEMO

TO: 301st SPTC/CEV
1215 Depot Avenue
NAS Fort Worth JRB
Fort Worth, TX 76127

ATTN: Al Flolo

DATE: May 30, 1996
UST JOB NO. 3294-014
RE: May Tracer Tight Monthly
Monitoring Test Results

WE TRANSMIT:

( ) herewith ( ) under separate cover (x) via mail

FOR YOUR:

- ( ) approval ( ) information
(x) records ( ) review and comment
( ) per your request ( ) signature
( ) return to our office ( ) forward to:

Table with 3 columns: COPIES, DATE, DESCRIPTION. Description includes Facilities: 1015, 1050, 1064, 1145, 1156, 1157, 1170, 1420, 1423, 1425, 3000, 3001, 3190, 3359, 3360, 4111, 4127, 4136, 4141, 4143, 4145, 4155, 4171, 4205, 4210, 4215, 4216

REMARKS

COPIES TO:

BY: Chris Baker
Chris Baker

**TRACER TIGHT®  
MONTHLY MONITORING TEST RESULTS**

**326256**

Prepared for:  
Unified Services of Texas, Inc.  
2110 Greenbriar Drive  
Southlake, TX 76092

05/21/96

Date Sampled : May 1996

Job No : 96-8793.may33  
Site : Carswell Air force Base/Fac. 4111  
Address : Building 1215  
Fort Worth, TX 76127

<b>SYSTEM#</b>	<b>PRODUCT</b>	<b>TRACER</b>	<b>SIZE</b>	<b>STATUS</b>	<b>RECOMMENDED ACTION</b>
Tank 4111-1	Diesel	A	500	Pass	Continue Monitoring

Respectfully,

TRACER RESEARCH CORPORATION

Rob Griffin  
Project Manager

AFFILIATE DIVISION

05/21/96

CONDENSED DATA

Page 41 **326257**

Location	Compound	Concentration(mg/L)
001,002	A	0.0000
001,002	TVIIC	0.0000
003	A	0.0000
003	TVHC	0.0000

TVHC (Total Volatile Hydrocarbons) values reported in milligrams/liter (mg/L).  
Tracer values reported in milligrams/liter (mg/L).

0.0000 = Not Detected

-999999.9999 = No Sample

**UST** Unified Services of Texas, Inc.

Complete Petroleum Storage Tank Services  
 2110 Greenbriar Drive, Southlake, TX 76092 (817) 481-9510, FAX: (817) 488-1729

**326258**

**TRANSMITTAL MEMO**

TO: 301st SPTC/CEV  
1215 Depot Avenue  
NAS Fort Worth JRB  
Fort Worth, TX 76127

ATTN: Al Flolo

DATE:	<u>May 30, 1996</u>
UST JOB NO.	<u>3294-014</u>
RE:	<u>May Tracer Tight Monthly</u> <u>Monitoring Test Results</u>

**WE TRANSMIT:**

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**FOR YOUR:**

- |   |   |
|---|---|
| <input type="checkbox"/> approval             | <input type="checkbox"/> information        |
| <input checked="" type="checkbox"/> records   | <input type="checkbox"/> review and comment |
| <input type="checkbox"/> per your request     | <input type="checkbox"/> signature          |
| <input type="checkbox"/> return to our office | <input type="checkbox"/> forward to:        |

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		4141, 4143, 4145, 4155, 4171, 4205, 4210, 4215, 4216

REMARKS \_\_\_\_\_  
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COPIES TO: \_\_\_\_\_

BY: Chris Baker  
 Chris Baker

**TRACER TIGHT®  
MONTHLY MONITORING TEST RESULTS**

**326259**

Prepared for:  
Unified Services of Texas, Inc.  
2110 Greenbriar Drive  
Southlake, TX 76092

05/21/96

Date Sampled : May 1996

Job No : 96-8794.may33  
Site : Carswell Air Force Base/Fac. 4127  
Address : Building 1215  
Fort Worth, TX 76127

<b>SYSTEM#</b>	<b>PRODUCT</b>	<b>TRACER</b>	<b>SIZE</b>	<b>STATUS</b>	<b>RECOMMENDED ACTION</b>
Tank 4127-1	Diesel	D	500	Pass	Continue Monitoring

Respectfully,

TRACER RESEARCH CORPORATION

Rob Griffin  
Project Manager

AFFILIATE DIVISION

C.

05/21/96

CONDENSED DATA

Page 3

326260

Location	Compound	Concentration(mg/L)
001,002	D	0.0000
001,002	TVHC	0.0000

TVHC (Total Volatile Hydrocarbons) values reported in milligrams/liter (mg/L).  
Tracer values reported in milligrams/liter (mg/L).

0.0000 = Not Detected

-999999.9999 = No Sample

**TRANSMITTAL MEMO**

**TO:** 301st SPTC/CEV  
1215 Depot Avenue  
NAS Fort Worth JRB  
Fort Worth, TX 76127

**ATTN:** Al Flolo

<b>DATE:</b>	<u>May 30, 1996</u>
<b>UST JOB NO.</b>	<u>3294-014</u>
<b>RE:</b>	<u>May Tracer Tight Monthly</u> <u>Monitoring Test Results</u>

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| <input checked="" type="checkbox"/> records   | <input type="checkbox"/> review and comment |
| <input type="checkbox"/> per your request     | <input type="checkbox"/> signature          |
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		4141, 4143, 4145, 4155, 4171, 4205, 4210, 4215, 4216

**REMARKS** \_\_\_\_\_  
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**BY:** Chris Baker  
 Chris Baker

**TRACER TIGHT®  
MONTHLY MONITORING TEST RESULTS**

**32626**

Prepared for:  
Unified Services of Texas, Inc.  
2110 Greenbriar Drive  
Southlake, TX 76092

05/22/96

Date Sampled : May 1996

Job No : 96-8798.may33  
Site : Carswell Air Force Base/Fac. 4136  
Address : Building 1215  
Fort Worth, TX 76127

SYSTEM#	PRODUCT	TRACER	SIZE	STATUS	RECOMMENDED ACTION
Tank 4136-1	Diesel	A	300	Pass	Continue Monitoring

Respectfully,

TRACER RESEARCH CORPORATION

Rob Griffin  
Project Manager

AFFILIATE DIVISION

05/22/96

CONDENSED DATA

Page 3

32626

Location	Compound	Concentration(mg/L)
001,002	A	0.0000
001,002	TVHC	0.0000
003	A	0.0000
003	TVHC	0.0000

TVHC (Total Volatile Hydrocarbons) values reported in milligrams/liter (mg/L).  
Tracer values reported in milligrams/liter (mg/L).

0.0000 = Not Detected

-999999.9999 = No Sample



Unified Services of Texas, Inc.

Complete Petroleum Storage Tank Services

2110 Greenbriar Drive, Southlake, TX 76092 (817) 481-9510, FAX: (817) 488-1729

326264

TRANSMITTAL MEMO

TO: 301st SPTC/CEV
1215 Depot Avenue
NAS Fort Worth JRB
Fort Worth, TX 76127

ATTN: Al Flolo

DATE: May 30, 1996
UST JOB NO. 3294-014
RE: May Tracer Tight Monthly
Monitoring Test Results

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( ) per your request ( ) signature
( ) return to our office ( ) forward to:

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BY: Chris Baker
Chris Baker

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**326265**

Prepared for:  
Unified Services of Texas, Inc.  
2110 Greenbriar Drive  
Southlake, TX 76092

05/14/96

Date Sampled : May 1996

Job No : 96-8809.may33  
Site : Carswell Air Force Base/Fac. 4141  
Address : Building 1215  
Fort Worth, TX 76127

<b>SYSTEM#</b>	<b>PRODUCT</b>	<b>TRACER</b>	<b>SIZE</b>	<b>STATUS</b>	<b>RECOMMENDED ACTION</b>
Tank 4141-1	Diesel	D	250	Pass	Continue Monitoring

Respectfully,

TRACER RESEARCH CORPORATION

Rob Griffin  
Project Manager

AFFILIATE DIVISION

05/14/96

## CONDENSED DATA

Page 17

Location

Compound

Concentration(mg/L)

---

**326260**

001,002

D

0.0000

001,002

TVHC

0.0000

003

D

0.0000

003

TVHC

0.0000

TVHC (Total Volatile Hydrocarbons) values reported in milligrams/liter (mg/L).  
Tracer values reported in milligrams/liter (mg/L).

0.0000 = Not Detected

-999999.9999 = No Sample

**UST** Unified Services of Texas, Inc.

Complete Petroleum Storage Tank Services  
 2110 Greenbriar Drive, Southlake, TX 76092 (817) 481-9510, FAX: (817) 488-1729

**TRANSMITTAL MEMO**

**32626**

**TO:** 301st SPTC/CEV  
1215 Depot Avenue  
NAS Fort Worth JRB  
Fort Worth, TX 76127

**ATTN:** Al Flolo

<b>DATE:</b>	<u>May 30, 1996</u>
<b>UST JOB NO.</b>	<u>3294-014</u>
<b>RE:</b>	<u>May Tracer Tight Monthly</u> <u>Monitoring Test Results</u>

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Prepared for:  
Unified Services of Texas, Inc.  
2110 Greenbriar Drive  
Southlake, TX 76092

05/14/96

Date Sampled : May 1996

Job No : 96-8810.may33  
Site : Carswell Air Force Base/Fac. 4143  
Address : Building 1215  
Fort Worth, TX 76127

SYSTEM#	PRODUCT	TRACER	SIZE	STATUS	RECOMMENDED ACTION
Tank 4143-1	Diesel	A	500	Pass	Continue Monitoring

Respectfully,

TRACER RESEARCH CORPORATION

Rob Griffin  
Project Manager

AFFILIATE DIVISION

05/14/96

CONDENSED DATA

Page 27

326269

Location	Compound	Concentration(mg/L)
001,002	A	0.0000
001,002	TVHC	0.0000
003	A	0.0000
003	TVHC	0.0000

TVHC (Total Volatile Hydrocarbons) values reported in milligrams/liter (mg/L).  
Tracer values reported in milligrams/liter (mg/L).

0.0000 = Not Detected

-.999999.9999 = No Sample



Unified Services of Texas, Inc.

Complete Petroleum Storage Tank Services  
2110 Greenbriar Drive, Southlake, TX 76092 (817) 481-9510, FAX: (817) 488-1729

326270

**TRANSMITTAL MEMO**

TO: 301st SPTC/CEV  
1215 Depot Avenue  
NAS Fort Worth JRB  
Fort Worth, TX 76127

ATTN: Al Flolo

DATE:	<u>May 30, 1996</u>
UST JOB NO.	<u>3294-014</u>
RE:	<u>May Tracer Tight Monthly</u> <u>Monitoring Test Results</u>

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Prepared for:  
Unified Services of Texas, Inc.  
2110 Greenbriar Drive  
Southlake, TX 76092

05/14/96

Date Sampled : May 1996

Job No : 96-8807.may33  
Site : Carswell Air Force Base/Fac. 4145  
Address : Building 1215  
Fort Worth, TX 76127

<b>SYSTEM#</b>	<b>PRODUCT</b>	<b>TRACER</b>	<b>SIZE</b>	<b>STATUS</b>	<b>RECOMMENDED ACTION</b>
Tank 4145-1	Diesel	A	500	Pass	Continue Monitoring

Respectfully,

TRACER RESEARCH CORPORATION

Rob Griffin  
Project Manager

AFFILIATE DIVISION

CONDENSED DATA

05/14/96		
Location	Compound	Concentration(mg/L)
001,002	A	0.0000
001,002	TVHC	0.0000
003	A	0.0000
003	TVHC	0.0000

TVHC (Total Volatile Hydrocarbons) values reported in milligrams/liter (mg/L).  
Tracer values reported in milligrams/liter (mg/L).

0.0000 = Not Detected

-999999.9999 = No Sample

**UST** Unified Services of Texas, Inc.

Complete Petroleum Storage Tank Services  
 2110 Greenbriar Drive, Southlake, TX 76092 (817) 481-9510, FAX: (817) 488-1729

326273

**TRANSMITTAL MEMO**

TO: 301st SPTC/CEV  
1215 Depot Avenue  
NAS Fort Worth JRB  
Fort Worth, TX 76127

ATTN: Al Flolo

DATE:	<u>May 30, 1996</u>
UST JOB NO.	<u>3294-014</u>
RE:	<u>May Tracer Tight Monthly</u> <u>Monitoring Test Results</u>

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| <input type="checkbox"/> per your request     | <input type="checkbox"/> signature          |
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Prepared for:  
Unified Services of Texas, Inc.  
2110 Greenbriar Drive  
Southlake, TX 76092

05/14/96

Date Sampled : May 1996

Job No : 96-8835.may33  
Site : Carswell Air Force Base/Fac. 4155  
Address : Building 1215  
Fort Worth, TX 76127

<b>SYSTEM#</b>	<b>PRODUCT</b>	<b>TRACER</b>	<b>SIZE</b>	<b>STATUS</b>	<b>RECOMMENDED ACTION</b>
Tank 4155-1	Diesel	D	4,000	Pass	Continue Monitoring

Respectfully,

TRACER RESEARCH CORPORATION

Rob Griffin  
Project Manager

AFFILIATE DIVISION

05/14/96

CONDENSED DATA

Page 23

326275

Location	Compound	Concentration(mg/L)
001,002	D	0.0000
001,002	TVIIC	0.0000

TVHC (Total Volatile Hydrocarbons) values reported in milligrams/liter (mg/L).  
Tracer values reported in milligrams/liter (mg/L).

0.0000 = Not Detected

-999999.9999 = No Sample

Complete Petroleum Storage Tank Services  
 2110 Greenbriar Drive, Southlake, TX 76092 (817) 481-9510, FAX: (817) 488-1729

**TRANSMITTAL MEMO**

**TO:** 301st SPTC/CEV  
1215 Depot Avenue  
NAS Fort Worth JRB  
Fort Worth, TX 76127

**ATTN:** Al Flolo

<b>DATE:</b>	<u>May 30, 1996</u>
<b>UST JOB NO.</b>	<u>3294-014</u>
<b>RE:</b>	<u>May Tracer Tight Monthly</u> <u>Monitoring Test Results</u>

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		4141, 4143, 4145, 4155, 4171, 4205, 4210, 4215, 4216

**REMARKS**

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**BY:** Chris Baker  
 Chris Baker

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Prepared for:  
Unified Services of Texas, Inc.  
2110 Greenbriar Drive  
Southlake, TX 76092

05/21/96

Date Sampled : May 1996

Job No : 96-8808.may33  
Site : Carswell Air Force Base/Fac. 4171  
Address : Building 1215  
Fort Worth, TX 76127

SYSTEM#	PRODUCT	TRACER	SIZE	STATUS	RECOMMENDED ACTION
Tank 4171-1	Diesel	C	5,000	Pass	Continue Monitoring

Respectfully,

TRACER RESEARCH CORPORATION

Rob Griffin  
Project Manager

AFFILIATE DIVISION

C.

CONDENSED DATA

Location	Compound	Concentration(mg/L)
001,002	C	0.0000
001,002	TVHC	0.0000
003,004,005	C	0.0000
003,004,005	TVHC	0.0000

TVHC (Total Volatile Hydrocarbons) values reported in milligrams/liter (mg/L).  
Tracer values reported in milligrams/liter (mg/L).

0.0000 = Not Detected                      -999999.9999 = No Sample

326279

# UST Unified Services of Texas, Inc.

Complete Petroleum Storage Tank Services  
2110 Greenbriar Drive, Southlake, TX 76092 (817) 481-9510, FAX: (817) 488-1729

## TRANSMITTAL MEMO

TO: 301st SPTC/CEV  
1215 Depot Avenue  
NAS Fort Worth JRB  
Fort Worth, TX 76127

ATTN: Al Flolo

DATE:	<u>May 30, 1996</u>
UST JOB NO.	<u>3294-014</u>
RE:	<u>May Tracer Tight Monthly</u> <u>Monitoring Test Results</u>

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		4141, 4143, 4145, 4155, 4171, 4205, 4210, 4215, 4216

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COPIES TO: \_\_\_\_\_

BY: Chris Baker  
Chris Baker

**TRACER TIGHT®  
MONTHLY MONITORING TEST RESULTS**

**326280**

Prepared for:  
Unified Services of Texas, Inc.  
2110 Greenbriar Drive  
Southlake, TX 76092

05/14/96

Date Sampled : May 1996

Job No : 96-8826.may33  
Site : Carswell Air force Base/Fac. 4216  
Address : Building 1215  
Fort Worth, TX 76127

<b>SYSTEM#</b>	<b>PRODUCT</b>	<b>TRACER</b>	<b>SIZE</b>	<b>STATUS</b>	<b>RECOMMENDED ACTION</b>
Tank 4216-1	Diesel	A	5,000	Pass	Continue Monitoring

Respectfully,

TRACER RESEARCH CORPORATION

Rob Griffin  
Project Manager

AFFILIATE DIVISION

05/14/96

CONDENSED DATA

Page 25

Location	Compound	Concentration(mg/L)
001,002	A	0.0000
001,002	TVHC	0.0000
003,004,005	A	0.0000
003,004,005	TVHC	0.0000

TVHC (Total Volatile Hydrocarbons) values reported in milligrams/liter (mg/L).  
Tracer values reported in milligrams/liter (mg/L).

0.0000 = Not Detected

-999999.9999 = No Sample

32628.

32628J

**FINAL PAGE**

**ADMINISTRATIVE RECORD**

**FINAL PAGE**

326284

**FINAL PAGE**

**ADMINISTRATIVE RECORD**

**FINAL PAGE**