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37 NOV 27 15

DEPARTMENT OF THE ARMY
LOUISVILLE DISTRICT, CORPS OF ENGINEERS
P. O. BOX 59
LOUISVILLE, KENTUCKY 40201-0059

CEORL-CD-Q (385)

23 November 1987

MEMORANDUM FOR: U.S. Nuclear Regulatory Commission, Region II, Material Radiation Protection Section, 101 Marietta Street, Suite 2900, Atlanta, Georgia 30323

SUBJECT: Reference Modification to NRC License #16-23374-01, Louisville District, U.S. Army Corps of Engineers.

1. Request that License #16-23374-01 dated 31 October 1984, be modified to include the use of four additional Troxler Model #3411 Series Moisture Density Gauges.
2. Item 10, paragraph A, should be modified to include the following additional Louisville District Field Offices as storage ~~sites~~ ^{sites} for licensed material:
 - a. Quad Cities Area Office, Rock Island, IL.
 - b. Scott Air Force Base Resident Office, IL.
 - c. Fort Benjamin Harrison Area Office, Indianapolis, IN.
 - d. Wright-Patterson Area Office, Dayton, OH.
3. Item 10, paragraph B, should be modified to read, "Licensed material may be used at Fort Knox, Fort Campbell, Fort Benjamin Harrison, Quad Cities, Wright-Patterson Area Offices and Scott Air Force Base Resident Office within the Louisville District. Licensed material may also be used at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material."
4. Modify Item 12 to include the following as local Radiation Protection Officers for the Louisville District:
 - a. Fort Knox Area Office - Mr. Carlton F. Beasley.
 - b. Fort Campbell Area Office - Mr. Roy Tyler, III.
 - c. Louisville District Office - Mr. Ralph L. Hill.
 - d. Fort Benjamin Harrison Area office - Mr. Jerry M. West.
 - e. Wright-Patterson Area Office - Mr. Roy A. Childers.
 - f. Quad Cities Area Office - Ms. Christie L. Stein.
 - g. Scott Resident Office - Mr. Victor C. Boarman.

FEE EXEMPT

Official Copy

8803300436 880304
REG2 LIC30
16-23374-01 PDR

CEORL-CD-Q

SUBJECT: Reference Modification to NRC License #16-23374-01, Louisville District, U.S. Army Corps of Engineers.

5. Enclued are sketches of the four additional offices within the Louisville District that will store Troxler Moisture Density Gauges. Sketches are for:

- a. Fort Benjamin Harrison Area Office
- b. Quad Cities Area Office
- c. Wright-Patterson Area Office
- d. Scott Resident Office.

FOR THE COMMANDER:



4 Encls
as

R.L. SCHLEICHER, P.E.
Chief, Construction Division

BLDG. 438, AREA "B"
WRIGHT-PATTERSON AFB

5TH STREET

300'±

DOUBLE LOCK
UNLOCK FROM
INSIDE ONLY

STORAGE RM.

METAL CABINET
W/ LOCK-TROXLER
METER

8" MASONARY

DESK

8" BLOCK
W/ BRICK
VENEER

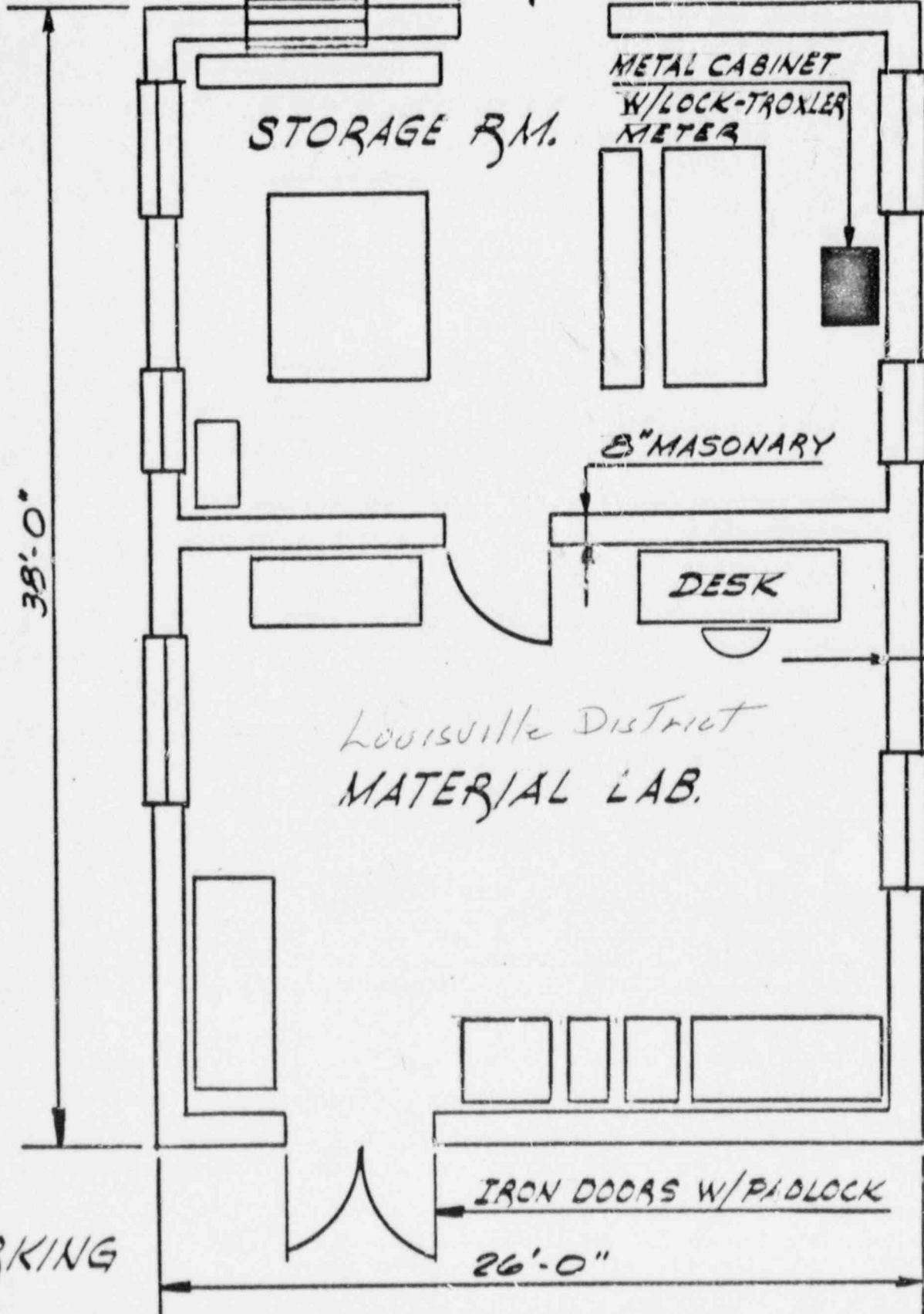
LOUISVILLE DISTRICT
MATERIAL LAB.

IRON DOORS W/ PADLOCK

26'-0"

PARKING

"G" STREET



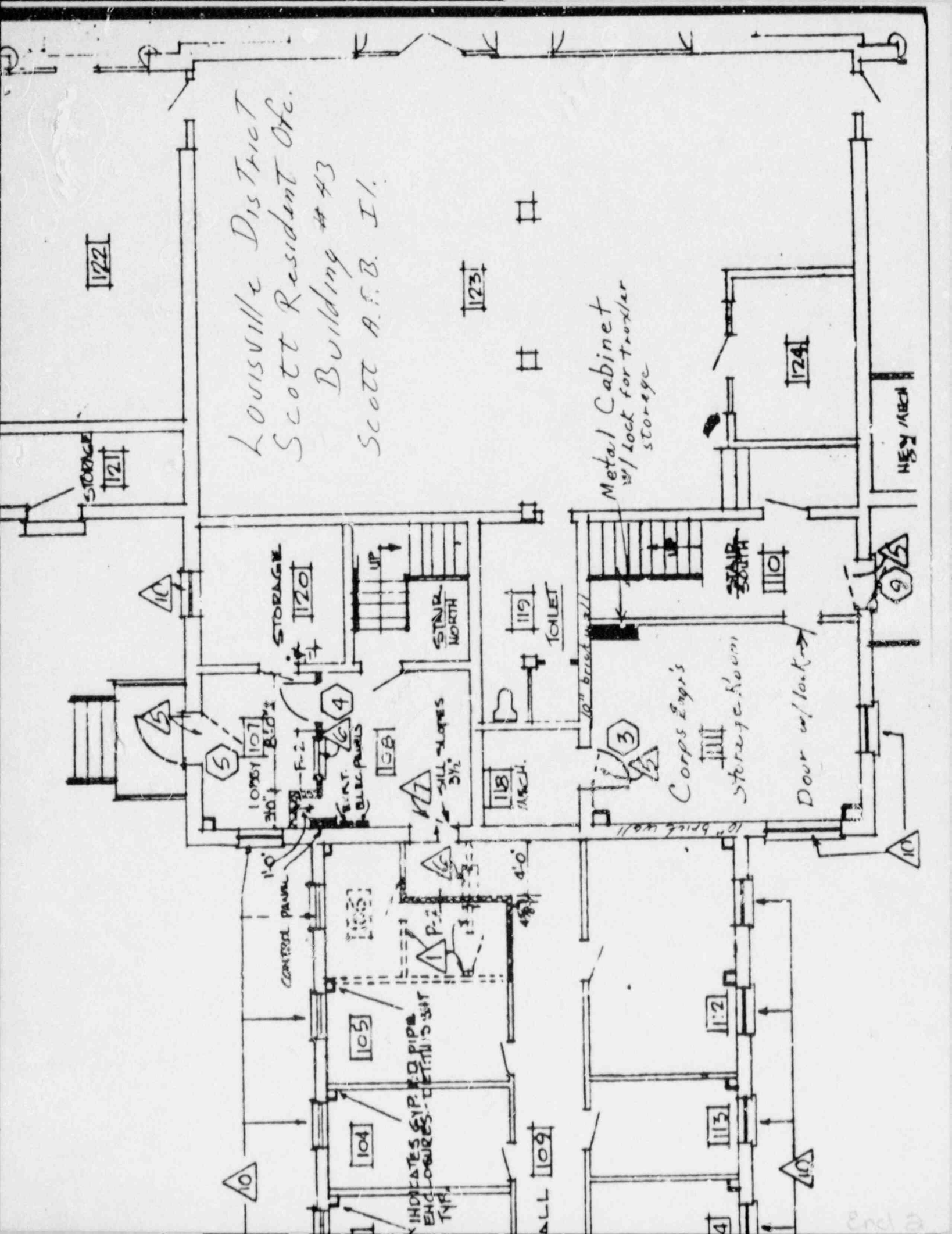
Louisville District
Scott Resident Ofc.
Building #43
Scott A.F.B. I.I.

Metal Cabinet
w/ lock for trooler
storage

Corps Engr's
Storage Room

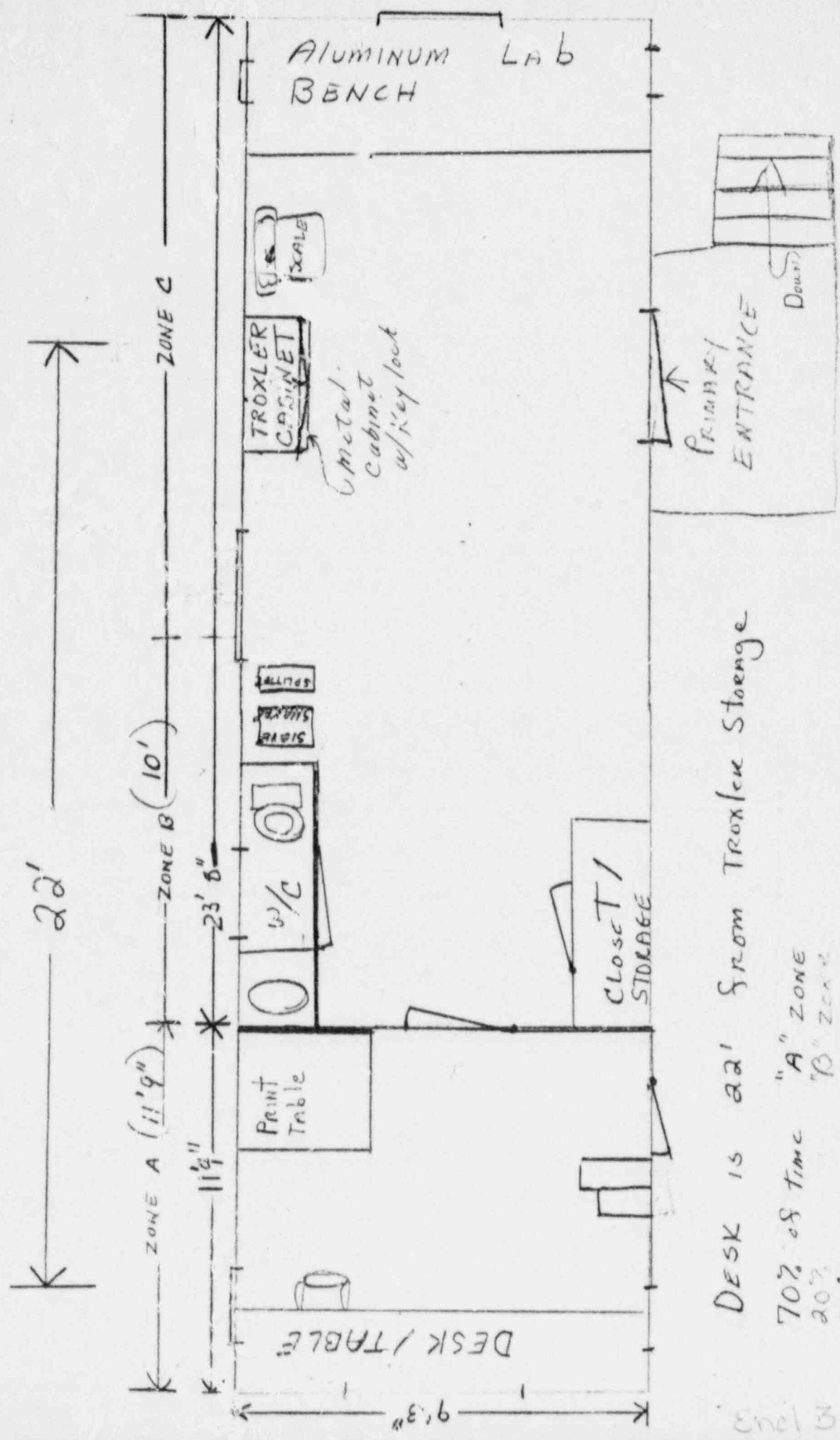
Door w/ lock

NEW ARCH



Louisville District
 Lab / Office Trailer
 P.T. Ben. Harrison

Drawing Not To Scale
 Dimensions are
 Interior only.

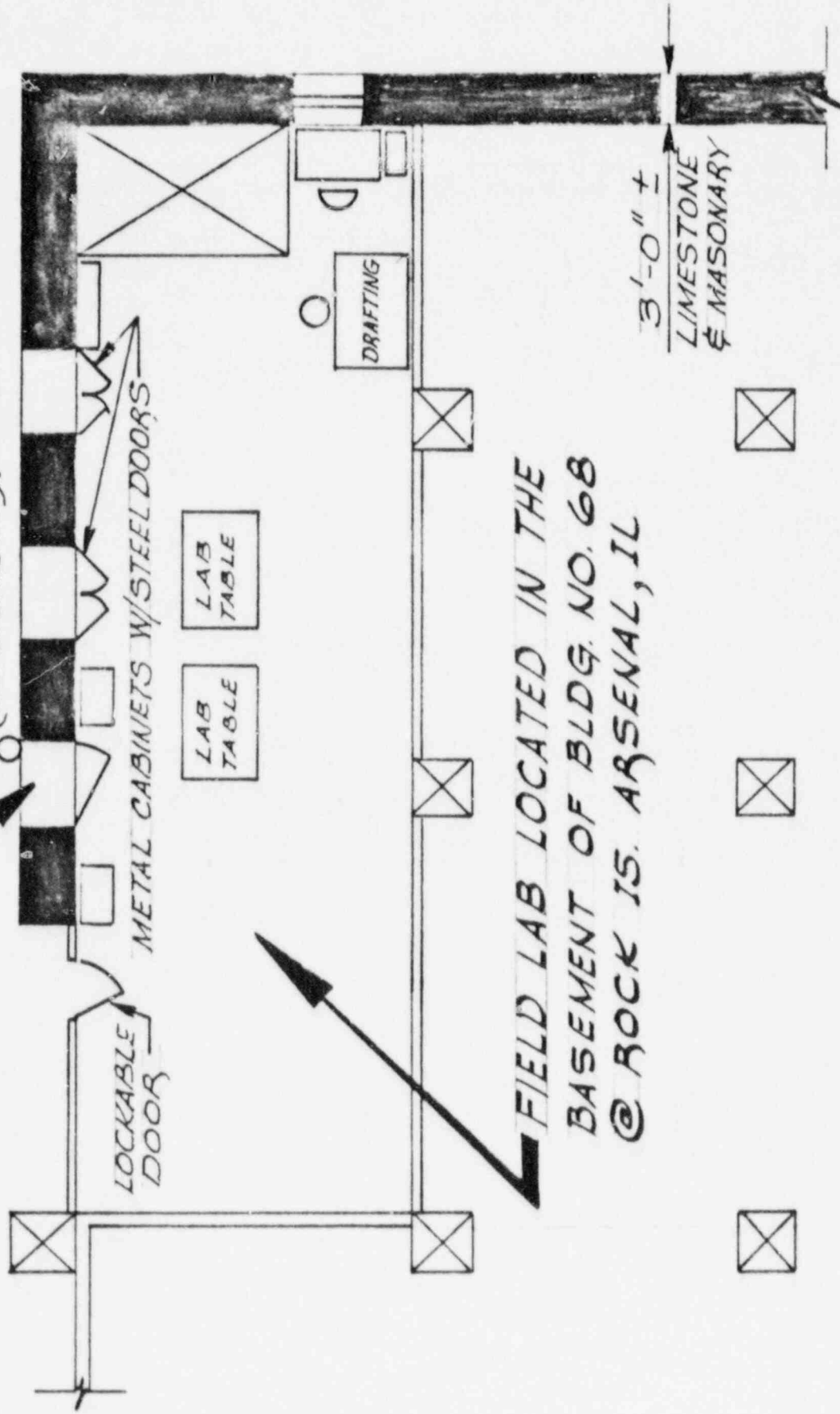


DESK is 22' from Troxler Storage

70% of time "A" ZONE
 20% "B" ZONE
 10% "C" ZONE



LOCATION FOR TROXLER EQUIPMENT
INSIDE METAL CABINET W/STEEL DOOR
(LOCKABLE).



FIELD LAB LOCATED IN THE
BASEMENT OF BLDG. NO. 68
@ ROCK IS. ARSENAL, IL

LOUISVILLE ENGINEER DISTRICT

REEVES ENGINEERING SERVICE

P.O. Box 63
Frankfort, Kentucky 40602

December 10, 1982

Mr. Charles Coleman
Division of Radiological Health
Department of Human Resources
275 E. Main Street
Frankfort, KY 40601

RE: Radiation Training

Dear Mr. Coleman:

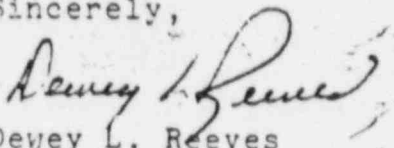
This is to certify that the persons listed below have attended a one day seminar in radiation training, emergency procedures and operating instructions. This training was conducted on December 9, 1982 by the writer.

Those in attendance and their test scores were as follows:

Mary R. Stephenson, US Corp of Engineers	95%
Carlton F. Beasley, US Corp of Engineers	97%
John L. Giles, Mago Construction Co.	95%
C. L. Riley, Mago Construction Co.	88%
Glen E. Alderdice, Mago Construction Co.	94%

If additional data is needed, please advise.

Sincerely,


Dewey L. Reeves
Radiation Instructor

cc: Carlton F. Beasley
US Army Corps of Engineers
Taylorsville R.O.
Rt. 2, Box 270
Taylorsville, KY 40071
Glen E. Alderdice
Mago Construction Co.
P.O. Box 578
Bardstown, KY 40004

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

LONNIE C. MULLINS

of

U.S. ARMY CORPS OF ENGINEERS

HAS SUCCESSFULLY COMPLETED THE TROXLER ELECTRONIC LABORATORIES, INC.
TRAINING COURSE FOR THE USE OF NUCLEAR TESTING EQUIPMENT.

SUBJECTS INCLUDED IN THIS COURSE WERE AS FOLLOWS:

Radiological Safety

- | | |
|--|---|
| 1. Principles and practices of radiation protection. | 5. Radioactivity measurement standardization and monitoring techniques and instruments. |
| 2. Leak testing procedures. | 6. Accident and incident procedures. |
| 3. Mathematics and calculations basic to the use and measurement of radioactivity. | 7. Procedures for nuclear gauge storage and transportation. |
| 4. Biological effects of radiation. | 8. General safety precautions. |

Gauge Operation

- | | |
|-------------------------|----------------------|
| 1. Instrument theory | 4. Field application |
| 2. Operating procedures | 5. Gauge calibration |
| 3. Maintenance | |

James L. Wendell
INSTRUCTOR

3/14/85
DATE

W.F. TROXLER
PRESIDENT

Nº 9487

No 8802

Certificate Of Completion

This is to certify that JERRY L. CRAYCROFT has completed the
basic training course on *Radiation Safety and Use of Nuclear Soil Gauges,*
held this 15TH day of APRIL 19 87, held at HOWARD PENCE CONSTRUCTION
City of ELIZABETHTOWN State of KENTUCKY by CPN Corporation.

Don Conrad
INSTRUCTOR



2830 Howe Road
Martinez, California USA 94553

Don Conrad
RADIATION SAFETY OFFICER

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

JERRY M. WEST

of

U.S. ARMY
CORPS OF ENGINEERS

HAS SUCCESSFULLY COMPLETED THE TROXLER ELECTRONIC LABORATORIES, INC.
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6. Accident and incident procedures.
7. Procedures for nuclear gauge storage and transportation.
8. General safety precautions.

Gauge Operation

1. Instrument theory
2. Operating procedures
3. Maintenance
4. Field application
5. Gauge calibration


INSTRUCTOR

09-11-67

DATE

W. F. Troxler

PRESIDENT

Nº 19587

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

GREG SCOTT

of

U.S. ARMY
CORPS OF ENGINEERS

HAS SUCCESSFULLY COMPLETED THE TROXLER ELECTRONIC LABORATORIES, INC.
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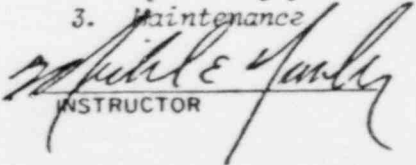
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| 3. Maintenance | |


INSTRUCTOR

09-11-87

DATE

W. F. Troxler

PRESIDENT

Nº 19586

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

ROY A. CHILDERS

of
U.S. ARMY
CORPS OF ENGINEERS

HAS SUCCESSFULLY COMPLETED THE TROXLER ELECTRONIC LABORATORIES, INC.
TRAINING COURSE FOR THE USE OF NUCLEAR TESTING EQUIPMENT.

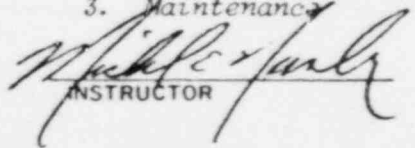
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Gauge Operation

1. Instrument theory
2. Operating procedures
3. Maintenance
4. Field application
5. Gauge calibration


INSTRUCTOR

09-11-87
DATE

W. F. Troxler
PRESIDENT

Nº 19589

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

CHRISTIE LEE STEIN

of

U.S. ARMY CORPS OF ENGINEERS

HAS SUCCESSFULLY COMPLETED THE TROXLER ELECTRONIC LABORATORIES, INC.
TRAINING COURSE FOR THE USE OF NUCLEAR TESTING EQUIPMENT.

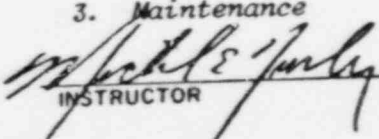
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Gauge Operation

1. Instrument theory
2. Operating procedures
3. Maintenance
4. Field application
5. Gauge calibration


INSTRUCTOR

10/27/87

D. TE

W. P. Troxler

PRESIDENT

Nº 19899

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

DUANE A. DYER

of

U.S. ARMY CORPS OF ENGINEERS

HAS SUCCESSFULLY COMPLETED THE TROXLER ELECTRONIC LABORATORIES, INC.
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Gauge Operation

1. Instrument theory
2. Operating procedures
3. Maintenance
4. Field application
5. Gauge calibration

James L. Wendell
INSTRUCTOR

3/14/85
DATE

W.F. TROXLER
PRESIDENT

No 9488

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

RALPH L. HILL

of

U.S. ARMY CORPS OF ENGINEERS

HAS SUCCESSFULLY COMPLETED THE TROXLER ELECTRONIC LABORATORIES, INC.
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Gauge Operation

1. Instrument theory
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3. Maintenance
4. Field application
5. Gauge calibration

Michael E. Hanley
INSTRUCTOR

8/29/84

DATE

W.F. TROXLER

PRESIDENT

No 8104