

**PLAINTIFF'S
EXHIBIT**

UC-P-170

ENVIRONMENTAL ADVISORY GROUP, INC.

INDUSTRIAL HYGIENE EVALUATION

OF

TISCO, INC.

FOR

ASBESTOS ABATEMENT PROJECT

AT

UNION CARBIDE CORPORATION

TEXAS CITY, TEXAS

JANUARY 11, 1996

ENVIRONMENTAL ADVISORY GROUP, INC.

712 SPENCER HWY., SUITE 200

SOUTH HOUSTON, TEXAS 77587

UCTC 04500

C1- 0000057

TABLE OF CONTENTS

- I. SUMMARY**
- II. FIELD NOTES**
- III. LAB RESULTS**
- IV. MISCELLANEOUS**

UCTC 04501

PURPOSE

- 1) To document the events as they happen throughout the abatement project.
- 2) To monitor the client per OSHA regulations outlined in Appendix A to 1926.1101 by monitoring the clients employees.
- 3) To determine the concentrations of airborne fibrous particulate using Phase Contrast Microscopy (PCM) and the NIOSH 7400 method.
- 4) To report (and post on site) the concentration of airborne fibrous particulate to the client and/or his representative(s). In the event of any OSHA or EPA violation, recommendations will be made to help resolve the problem.

SUMMARY

- 1) Scope of work:

The removal of approximately 1 square foot of ACM from two (2) tanks at building #116.

- 2) Conclusions:

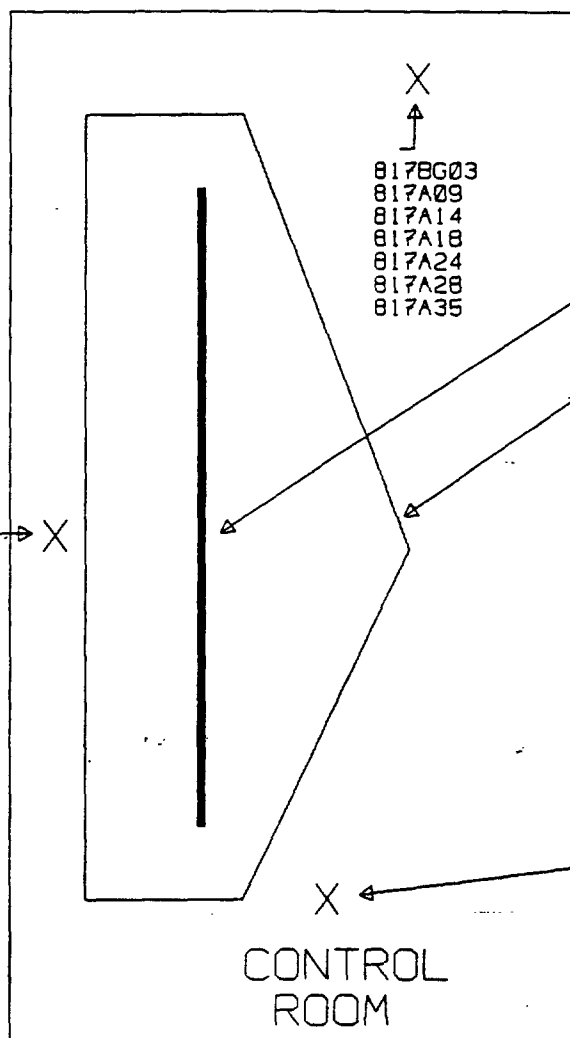
- a) The respiratory protection utilized by the workers in the enclosure provided a protection factor of 10 times the permissible exposure limit of 0.2 fibers per cubic centimeter of air (f/cc).
- b) The contractor put forth his best effort to comply with all the rules and regulations for asbestos removal.

UCTC 04502

C1- 0000059

UNION
CARBIDE
BLDG #115
TX-2817

817BG02
817A08
817A13
817A17
817A23
817A27
817A34



X
817BG03
817A09
817A14
817A18
817A24
817A28
817A35

N
ELECTRICAL
PANEL

BARRICADE
TAPE &
SIGN

817BG01
817A07
817A12
817A16
817A22
817A26
817A33

X
CONTROL
ROOM

UCTC 04543

C1 - 0000054

AIR SAMPLE FIBER COUNT
LABORATORY ANALYSIS REPORT

REPORT DATE:
01/15/96

PAGE NO. 01

EAG JOB NUMBER:
TX-2825

RESULTS:

EAG SAMPLE NUMBER: 825A001

CLIENT SAMPLE ID: DATE: 01/11/96
 NAME: N/A
 SS#: N/A
 LOCATION: SEE DRAWING

DATE ANALYZED: 01/12/96

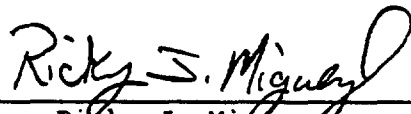
VOLUME OF AIR: 350

EFFECTIVE FILTER AREA: 385mm²

FIELD AREA: 0.00785 mm²

FIBERS / FIELDS COUNTED: 4/100

FIBERS / CC: <.01



Ricky J. Miguez
Environmental Analyst

UCTC 04544

C1- 0000063

AIR SAMPLE FIBER COUNT
LABORATORY ANALYSIS REPORT

REPORT DATE:
01/15/96

PAGE NO. 02

EAG JOB NUMBER:
TX-2825

RESULTS:

EAG SAMPLE NUMBER: 825A002

CLIENT SAMPLE ID: DATE: 01/11/96
 NAME: N/A
 SS#: N/A
 LOCATION: SEE DRAWING

DATE ANALYZED: 01/12/96

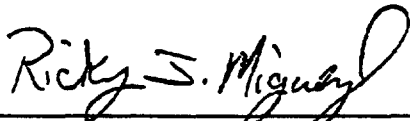
VOLUME OF AIR: 350

EFFECTIVE FILTER AREA: 385mm²

FIELD AREA: 0.00785 mm²

FIBERS / FIELDS COUNTED: 4/100

FIBERS / CC: <.01

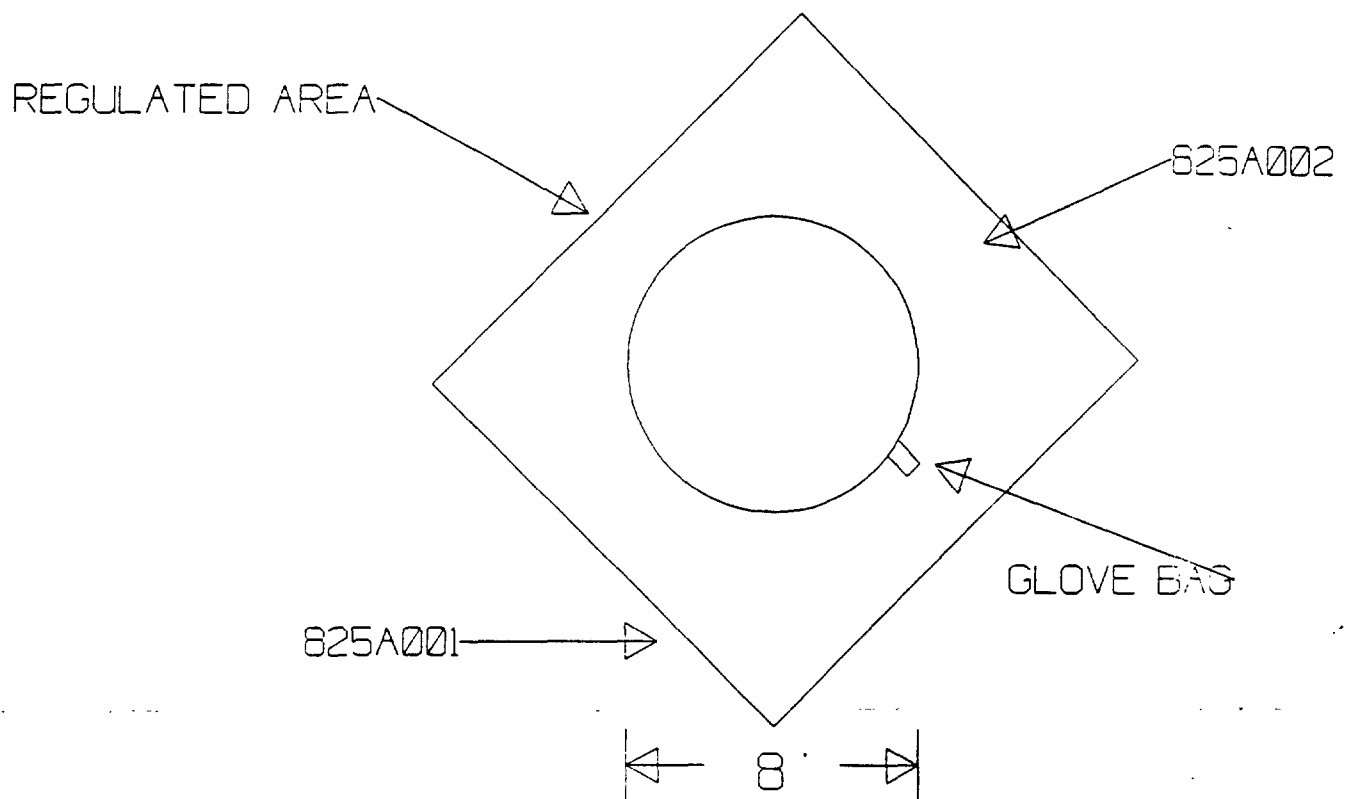


Ricky J. Miguez
Environmental Analyst

UCTC 04545

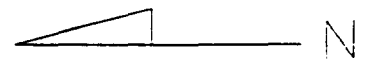
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TISCO, INC.
UNION CARBIDE
TEXAS CITY PLANT
BUILDING #116



MIXED VINYL ACETATE TANK
12653

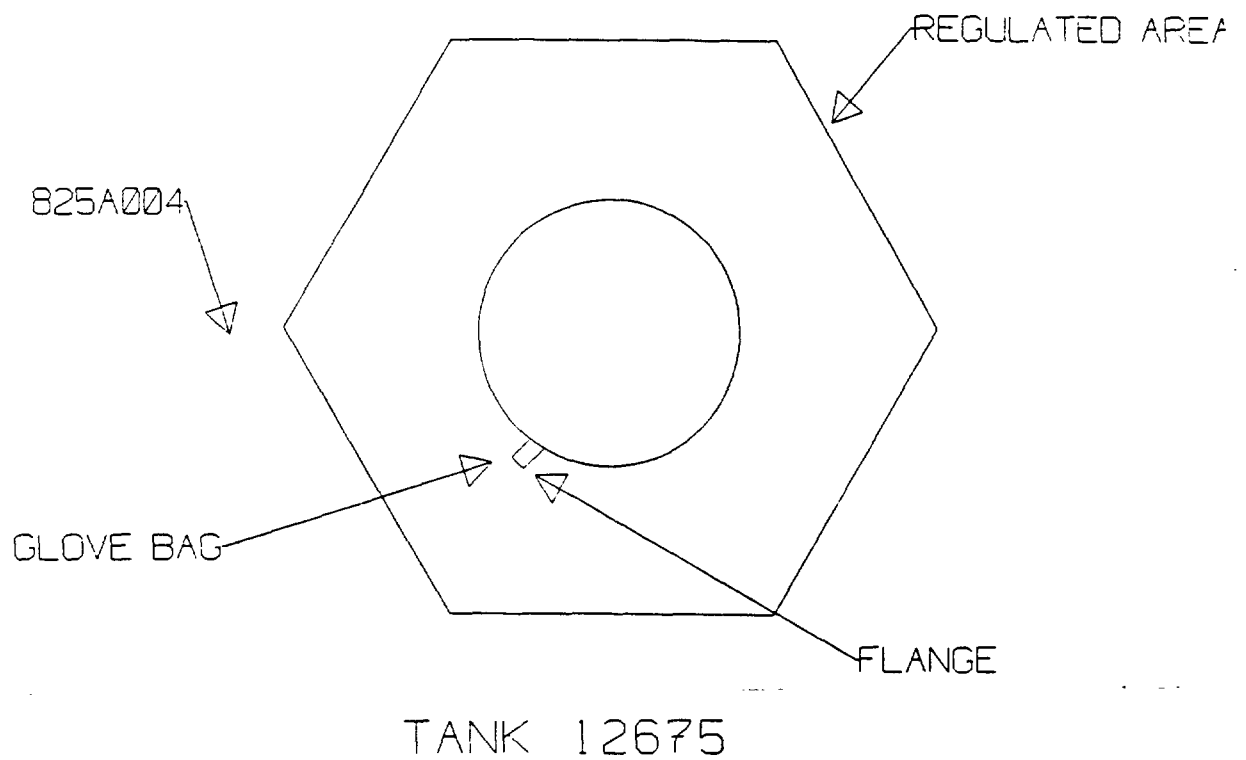
TX-2825



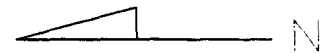
UCTC 04550

C1 - 0000070

TISCO, INC.
UNION CARBIDE
TEXAS CITY PLANT
BUILDING #116



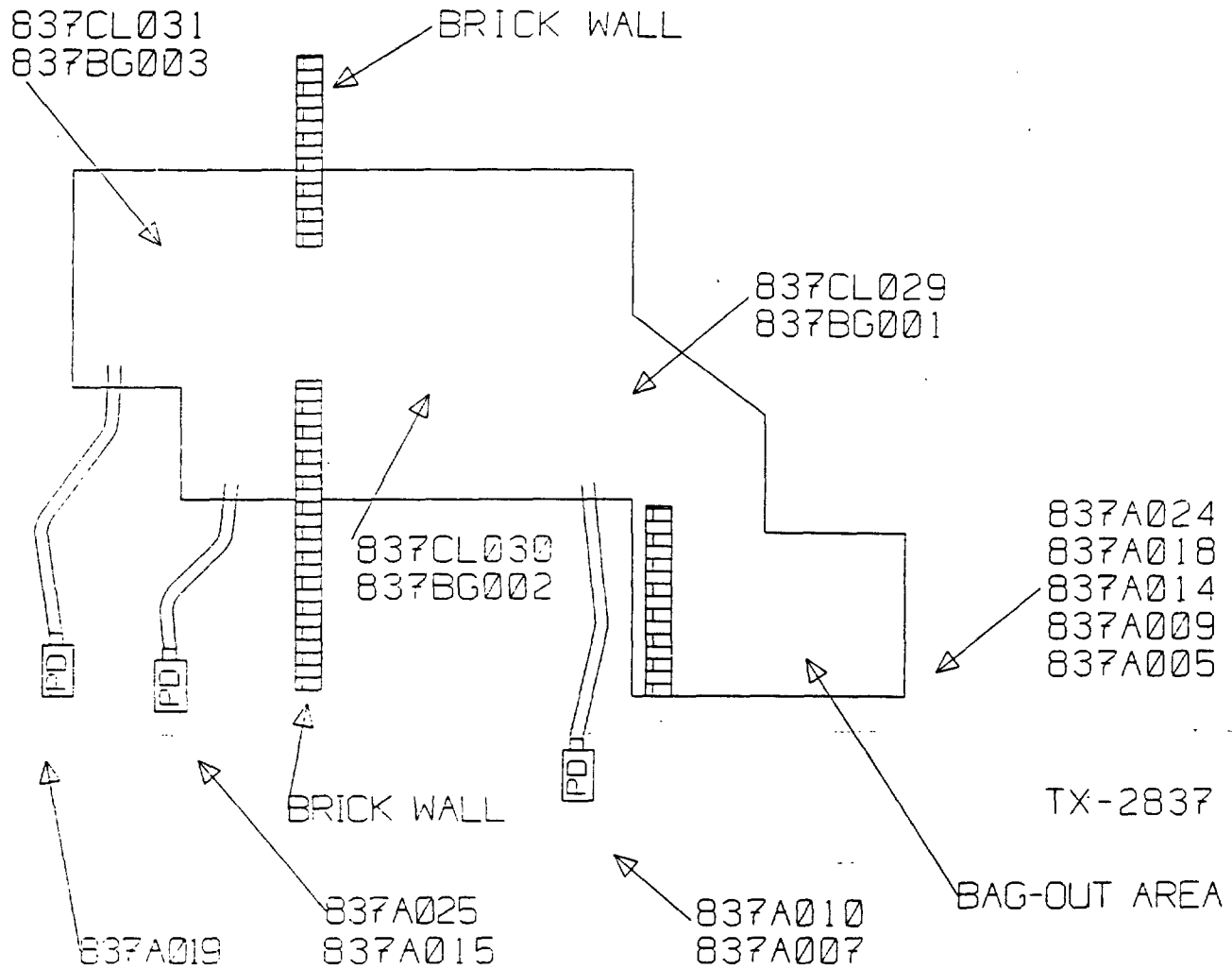
TX-2825



UCTC 04551

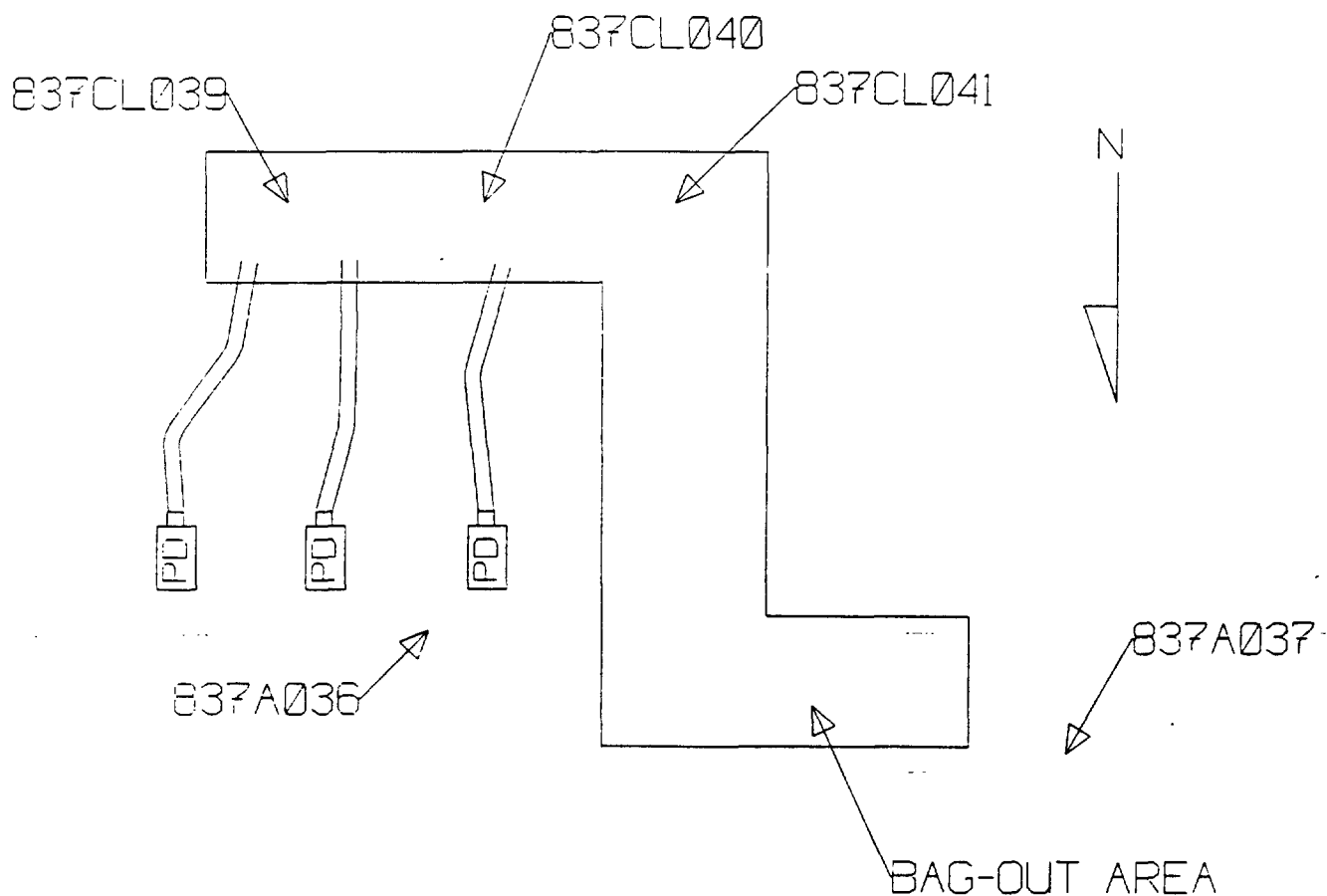
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TISCO AT UNION CARBIDE, TEXAS CITY
BUILDING #121 2/20/96 THROUGH 2/22/96



UCTC 04647

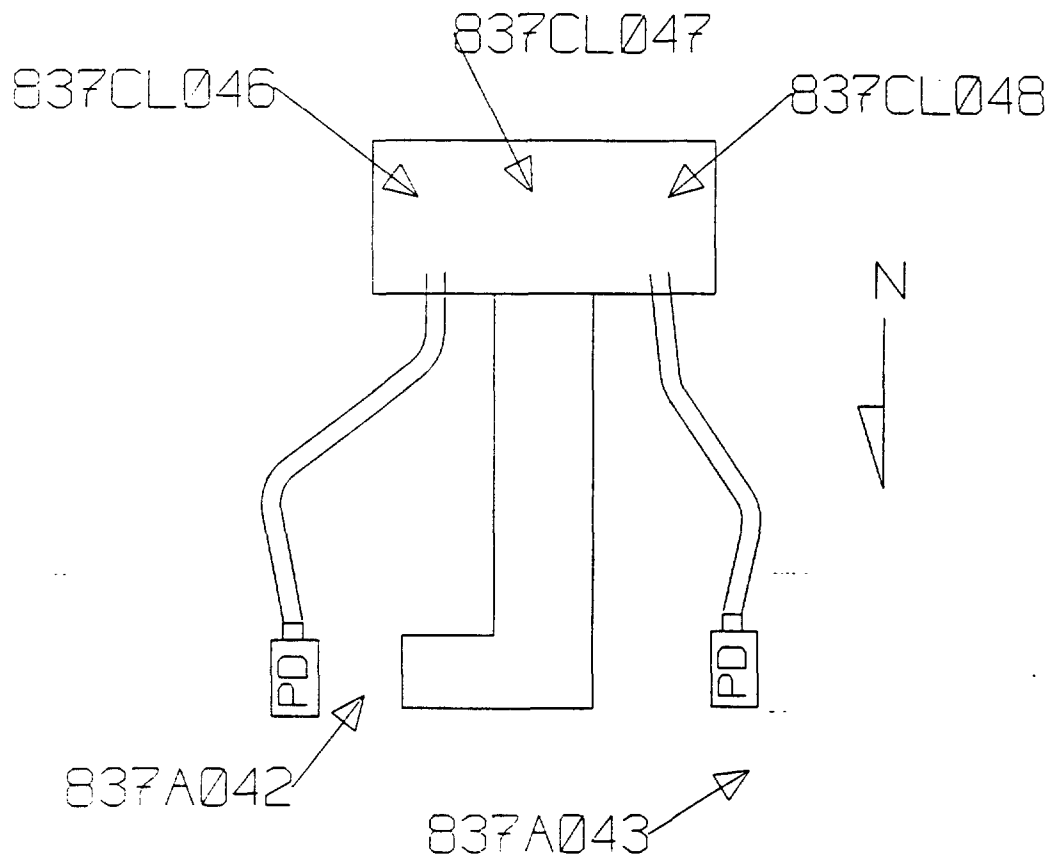
TISCO AT UNION CREEK, TEXAS CITY
BUILDING #79 PIPE RACK, SOUTH SIDE
2/23/96 CONTAINMENT #1 TX-2837



UCTC 04648

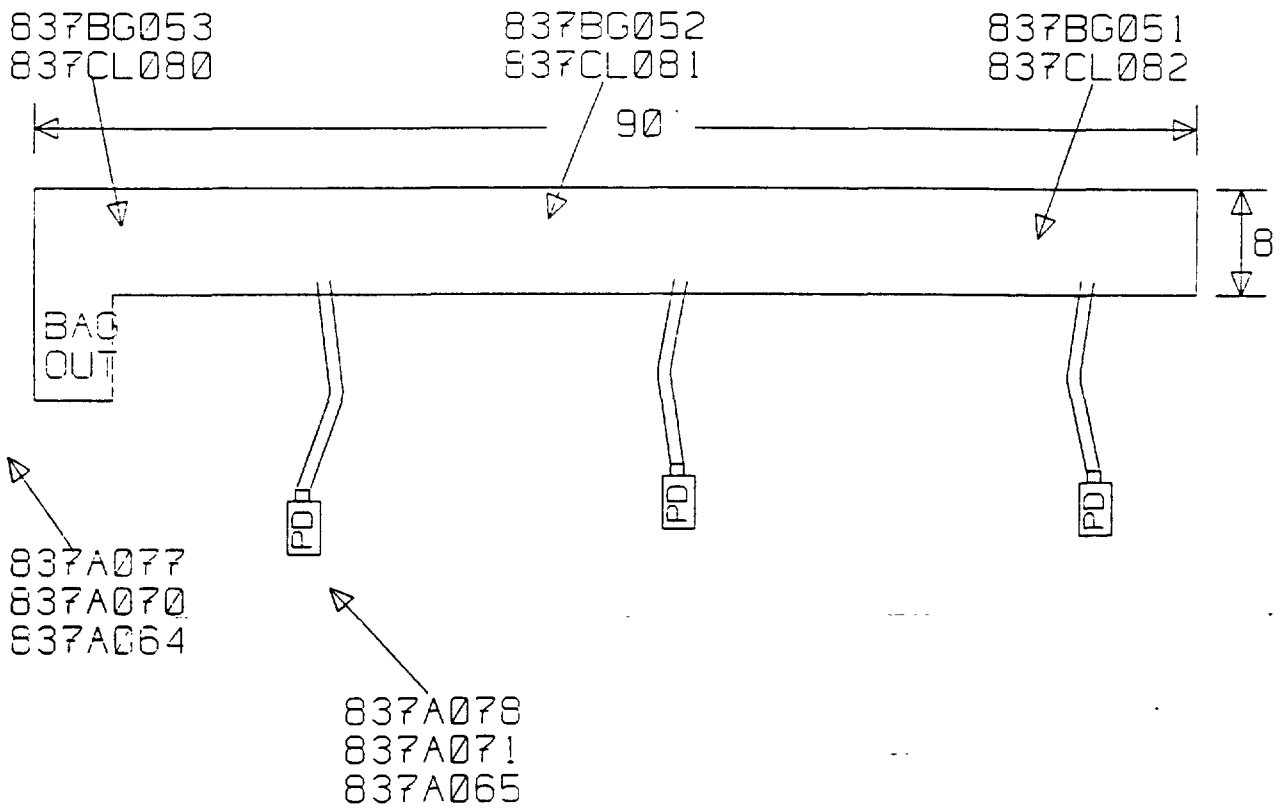
C1 - 0000195

TISCO AT UNION CARBIDE, TEXAS CITY
BUILDING #79 PIPE RACK, SOUTH SIDE
2/23/96 CONTAINMENT #2 TX-2837



UCTC 04649

TISCO AT UNION CARBIDE, TEXAS CITY
BUILDING #121 THIRD FLOOR
2/23/96 THROUGH 2/28/96 TX-2837



UCTC 04650