LOW - OK
AV 8/31

US EPA RECORDS CENTER REGION 5
488126

EPA 03166801

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
ILT	180014839

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
ACME REF. SCRAP IRON & METAL CO	829 W. 22ND PLACE

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
CHICAGO	IL	60607	COOK	031	5

09 COORDINATES LATITUDE	LONGITUDE	
41 51 40.__	087 38 46.__	ENGLEWOOD

10 DIRECTIONS TO SITE (Starting from nearest public road)
SEE ATTACHMENTS ON THE BACK.

III. RESPONSIBLE PARTIES

01 OWNER (If known)	02 STREET (Business, mailing, residential)
CHEMISPHERE INCOR. (ZYX CORP.)	631 BUSSE RD.

03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER
BENSENVILLE	IL	60106	(312) 595-1950

07 OPERATOR (If known and different from owner)	08 STREET (Business, mailing, residential)

09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER
			( )

13 TYPE OF OWNERSHIP (Check one)
☒ A. PRIVATE ☐ B. FEDERAL: _____ (Agency name) ☒ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER: _____ (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
☐ A. RCRA 3001 DATE RECEIVED: __/__/__ (MONTH DAY YEAR) ☒ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: 10 20 80 (MONTH DAY YEAR) ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION
☒ YES ☐ NO DATE 01 16 81 (MONTH DAY YEAR) 03-24-83

BY (Check all that apply)
☐ A. EPA ☐ B. EPA CONTRACTOR ☐ C. STATE ☐ D. OTHER CONTRACTOR
☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER: _____ (Specify)
CONTRACTOR NAME(S): _____

02 SITE STATUS (Check one)
☒ A. ACTIVE ☐ B. INACTIVE ☐ C. UNKNOWN

03 YEARS OF OPERATION
1979 (BEGINNING YEAR) | _____ (ENDING YEAR) ☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
1- OIL (SOLUBLE/FLAMMABLE)
2- SOLVENTS (TOXIC/PRESISTANT)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
1- GROUND WATER (POPN/ENVIR)
2. FIRE/EXPLOSION (POPN/ENVIR)
3- SURFACE WATER: (POPN/ENVIR

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☒ C. LOW (Inspect on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NUMBER
CHARLES W. McKIEL, JR.	ZYX - CORP.	(312) 595-1950

04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
Larry Winner	IEPA	HSPS	(217) 782-9848	08 16 84 (MONTH DAY YEAR)

EPA FORM 2070-12 (7-81)

EPA 03166801

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IKT	1800014839

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

A. SOLID
B. POWDER, FINES
C. SLUDGE
D. OTHER _____ (Specify)
E. SLURRY
F. LIQUID
G. GAS

02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent.)

TONS
CUBIC YARDS
NO. OF DRUMS 600

03 WASTE CHARACTERISTICS (Check all that apply)

A. TOXIC
B. CORROSIVE
C. RADIOACTIVE
D. PERSISTENT
E. SOLUBLE
F. INFECTIOUS
G. FLAMMABLE
H. IGNITABLE
I. HIGHLY VOLATILE
J. EXPLOSIVE
K. REACTIVE
L. INCOMPATIBLE
M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE	300	DR	
OLW	OILY WASTE			
SOL	SOLVENTS	300	DR.	
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

IEPA - LAND FILES

EPA 03166801

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE: IL | 02 SITE NUMBER: 180014839

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

A possible spill in the storage site

01 ☐ B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

A spill could run in to the CHICAGO RIVER, with a rain

01 ☐ C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☒ D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Oil - solvent is a good potential fire hazard.

01 ☐ E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: _____ (Acres)
02 ☐ OBSERVED (DATE: _____) POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

EPA 03166801

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
ILL	1800014839

II. HAZARDOUS CONDITIONS AND INCIDENTS *(Continued)*

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION *(Include name(s) of species)*

01 ☐ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES *(Spills/runoff standing liquids/leaking drums)* — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

V. SOURCES OF INFORMATION *(Cite specific references, e. g., state files, sample analysis, reports)*

IEPA LAND FILES

Date: JUNE 24, 1980

Time: 10 (A.M.) P.M.

Photograph By:

CHARLES GEBIEN

Location: LPC- GENERAL

COOK Co.

CHICAGO / ACME REFINING

Comments: Photograph taken toward the WEST FROM THE SOUTHEASTERN PORTION OF SITE.

Date: JUNE 24, 1980

Time: 10 (A.M.) P.M.

Photograph By:

CHARLES GEBIEN

Location: LPC- GENERAL

COOK Co.

CHICAGO / ACME REFINING

Comments: Photograph taken toward the WEST FROM SOUTH-EASTERN PORTION OF SITE.

Date: JUNE 24, 1980

Time: 10 A.M. P.M.

Photograph By:

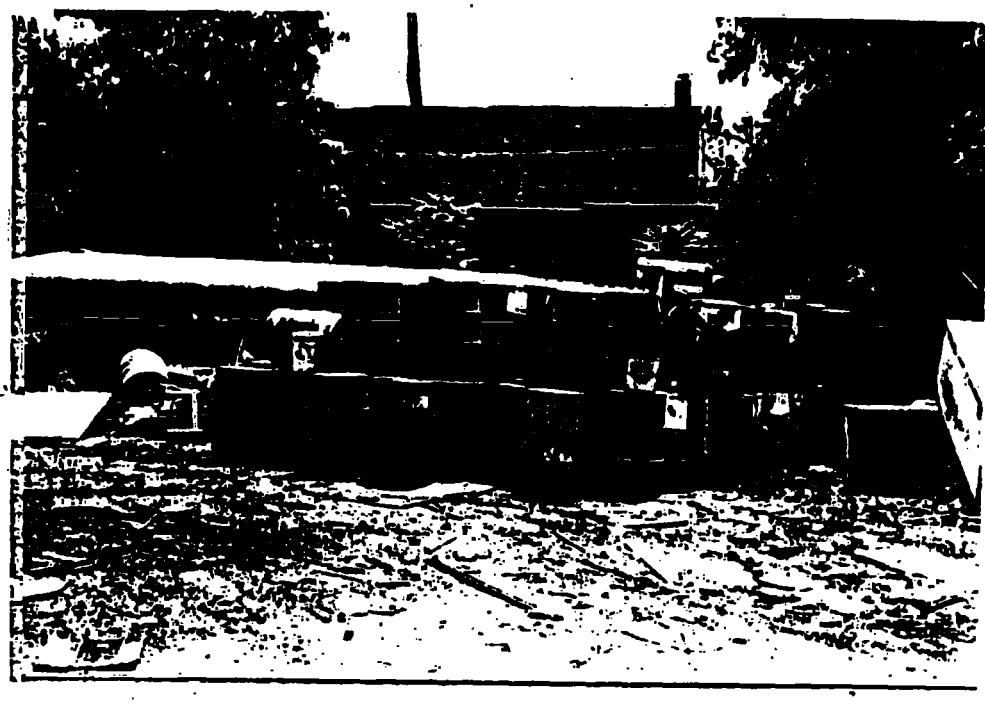
CHARLES GERIEN

Location: LPC- GENERAL

COOK Co.

CHICAGO / ACME REFINING

Comments: Photograph taken toward the SOUTH FROM NORTHEAST PORTION OF SITE



ACME REFINING IEPA PERMIT APPLICATION

ENGLEWOOD QUADRANGLE
ILLINOIS–COOK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

3467 I NW (CHICAGO LOOP)

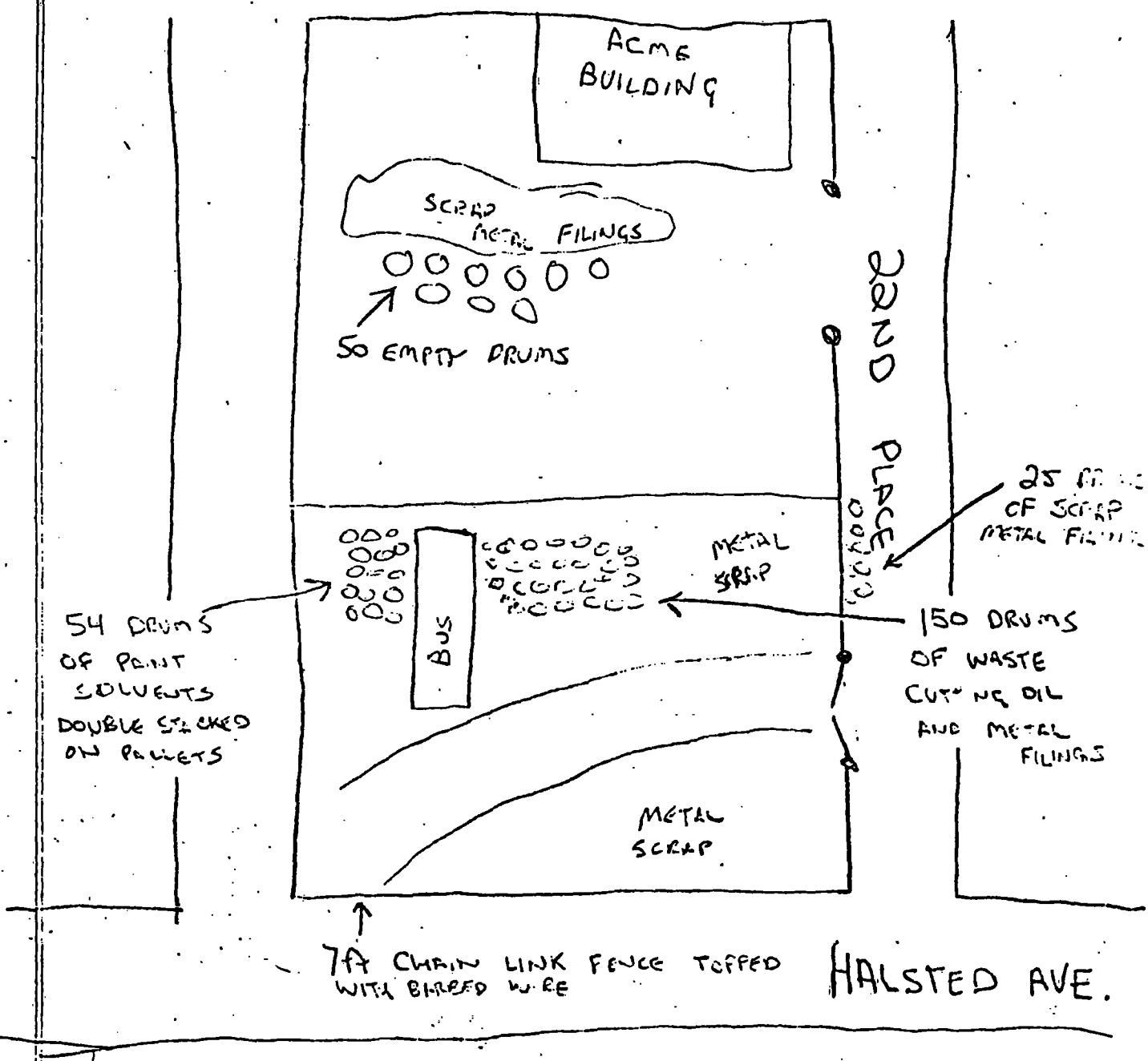
ATTACHMENT B-
TOPOGRAPHIC MAP

ACME REFINING SCRAP IRON & METAL CO, INC. FACILITY

87°38'45" Long.
41°51'04" Lat

USEPA ID # IL D072344542

SCALE
1:24000



JUNE 24, 1980

COOK CO - CHICAGO / ACME REFINING

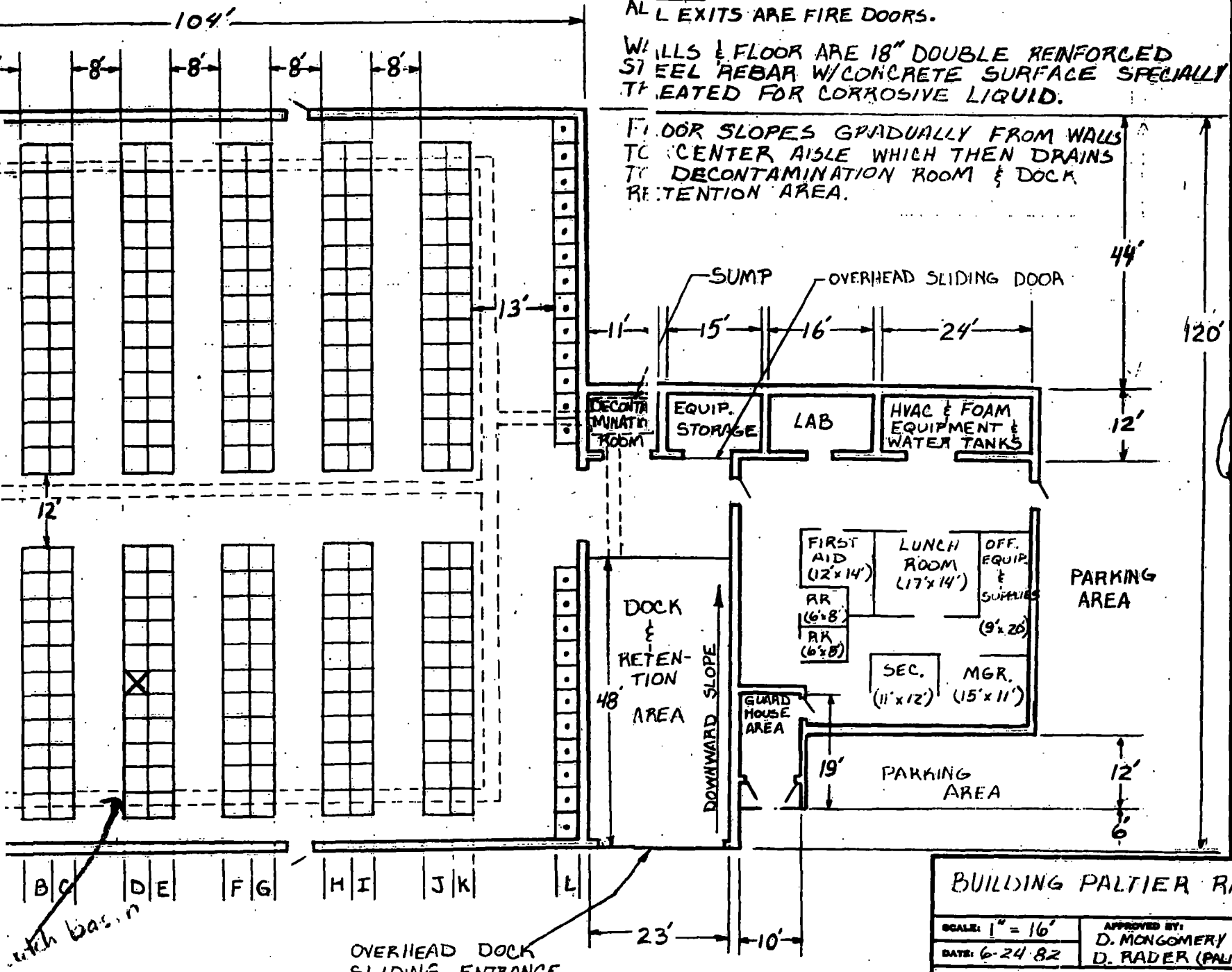
→Z

NOTES:

ALL EXITS ARE FIRE DOORS.

WALLS & FLOOR ARE 18" DOUBLE REINFORCED STEEL REBAR W/CONCRETE SURFACE SPECIALLY TREATED FOR CORROSIVE LIQUID.

FLOOR SLOPES GRADUALLY FROM WALLS TO CENTER AISLE WHICH THEN DRAINS TO DECONTAMINATION ROOM & DOCK RETENTION AREA.



...tch basin

...EA UNCHANGED
...' x 120') = 12,480 FT²

KEY

PALITER RA... UNIT TIER STORAGE

EMPTY DRUM PALITER RACK, & RACK BASE STORAGE

.4
.3
.2
.1
(FLOOR LEVE...

A-L
1-24

LETTERS READ LEFT (EAST) TO RIGHT (WES...
NUMBERS READ DOWN (NORTH) TO UP (SOUTH...

4 DRUMS TO A PALITER RACK STORAGE UNIT

DRUM LOCATION DESCRIPTION EXAMPLE: "X" D6.4b MEANS 4TH ROW FROM EAST O... LEFT (D), 6TH RACK FROM THE SOUTH WALL (6), 4TH RACK UN... IN LEVEL HIGH OFF OF CONCRETE FLOOR (.4) AND UPPER RIGHT DRUM (b).

BUILDING PALTIER RACK PLAN

SCALE: 1" = 16'	APPROVED BY: D. MONGOMERY P.E.	DRAWN BY: ... VALOS
DATE: 6-24-82	D. RADER (PALITER RACK SPEC.)	REVISED: 7-7-...

ACME REFINING SCRAPE IRON & METAL CO. INC.