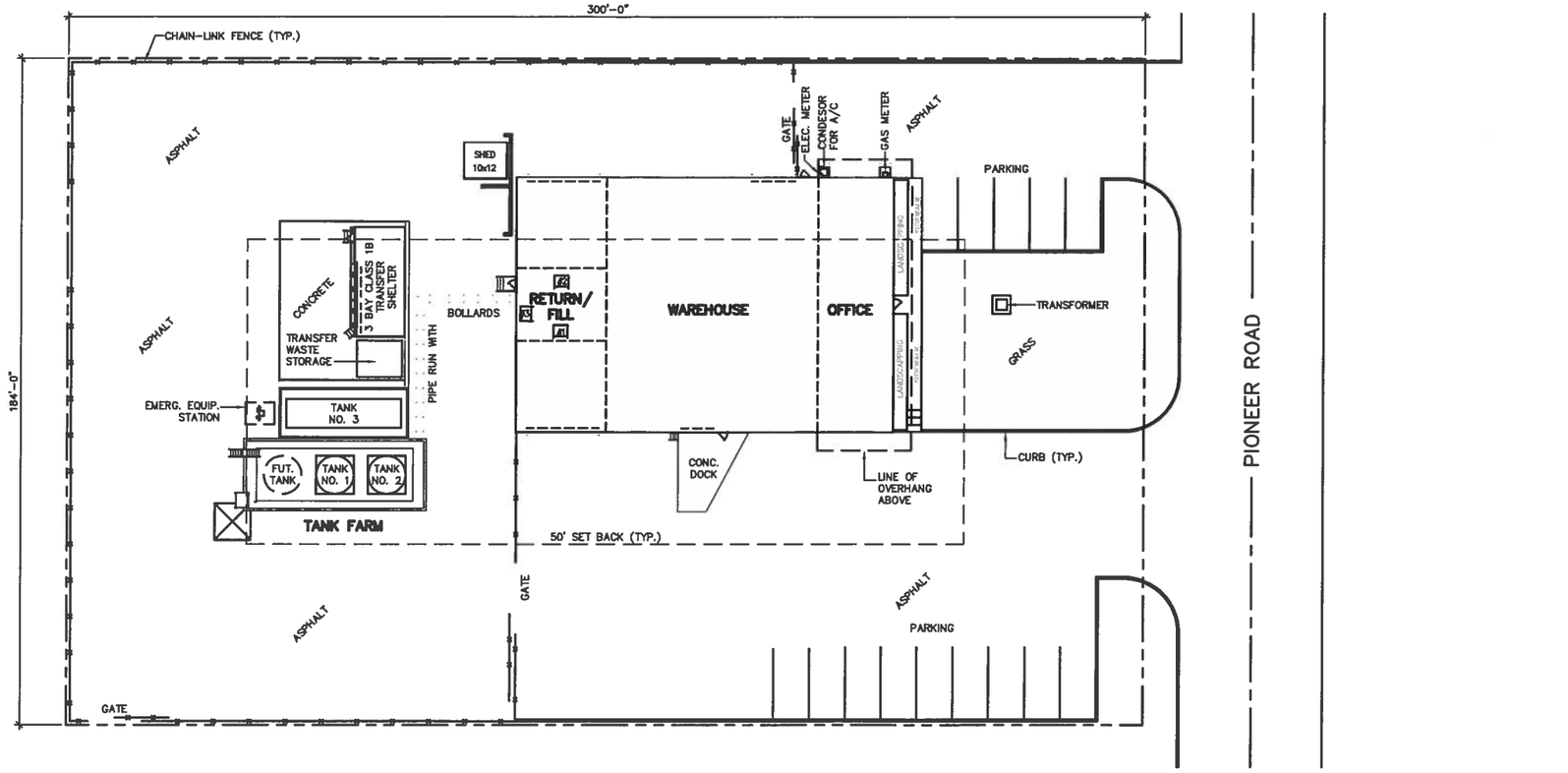

GENERAL NOTES

1.) NON-PERMITTED TANKS & EQUIPMENT MAY CHANGE

2.) ACTUAL PIPING CONFIGURATION MAY VARY DUE TO MAINTENANCE/ UPKEEP OF FACILITY.

TANK LEGEND

TANK NO.	TANK VOLUME	TANK CONTENTS	REMARKS
1	15,000 USG	USED MINERAL SPIRITS	10'-6"ø FLAT BOTTOM VERTICAL STORAGE TANK
2	15,000 USG	CLEAN 105° MINERAL SPIRITS	10'-6"ø FLAT BOTTOM VERTICAL STORAGE TANK
3	12,000 USG	CLEAN 150° MINERAL SPIRITS	8'-0"ø HORIZONTAL STORAGE TANK

REVISIONS

NO.	DESCRIPTION	BY	CHK	APPR	DATE
A	NEW RELEASE	MBH	KJM	WEY/CL	052384
B	ADDED TANK 3 & TRANSFER STOR. RELEASED TO CL FOR PERMIT MOD.	MBH	KJM	WEY/CL	072696
C	ADD STRL EQUIPMENT	JEK	RS	RS	032907
D	ADD DETAILS	JEK	RS	RS	033007
E	ADD WASTE STORAGE	JEK	RS	RS	051707
F	REMOVE RECYCLE SYSTEM	JEK	RS	RS	121510

PROPRIETARY STATEMENT

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Project Solutions Companies
1390 Bronze Industrial Drive • Suite 200 • Columbia • MO 65202
• Phone: (573) 443-7100 • Fax: (573) 443-7181 •

TITLE

SITE PLAN EXISTING

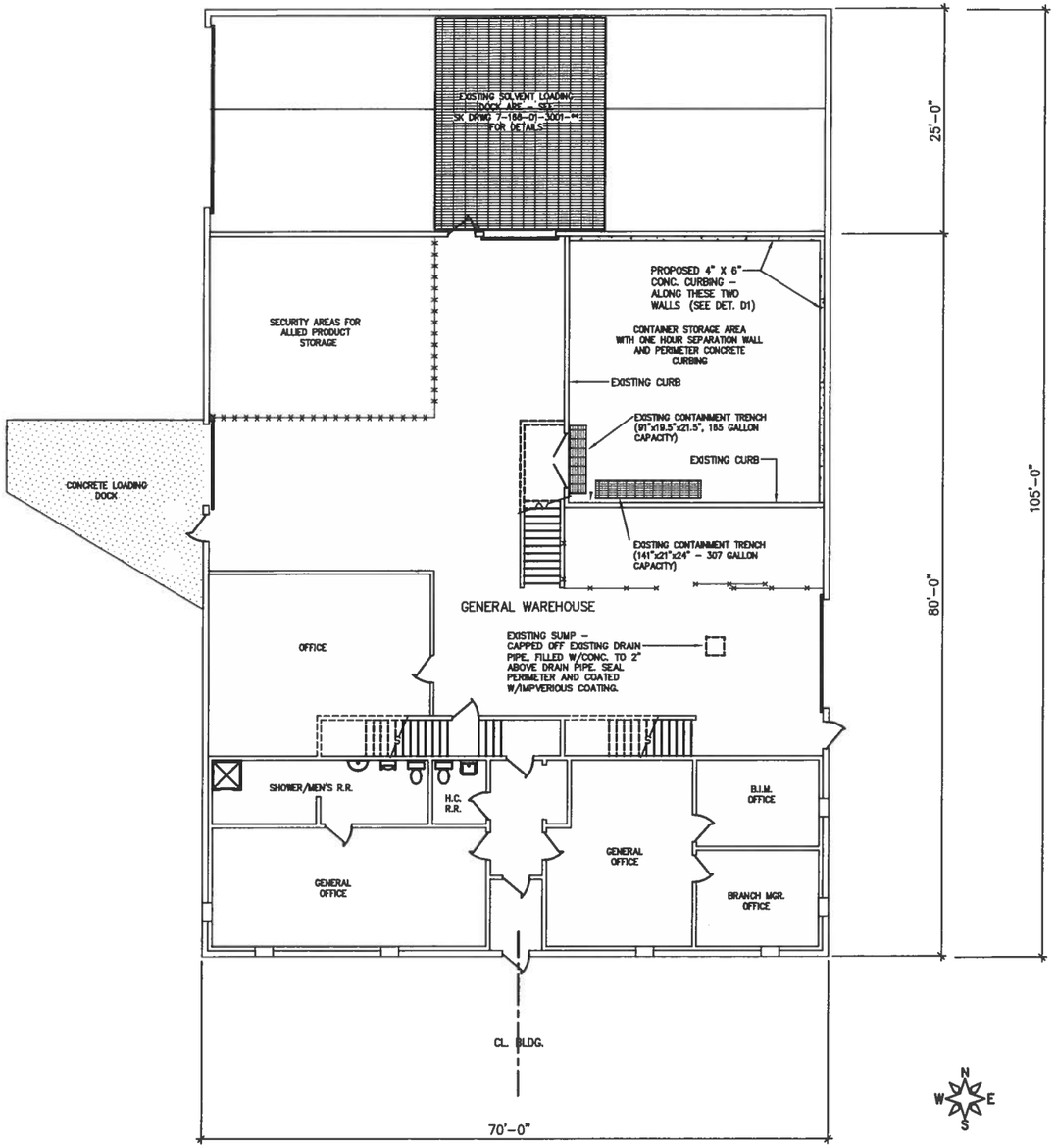
SAFETY-KLEEN SYSTEMS, INC.
8400 LEMONT DR. CLUSTER II BLDG. 3 PLANO, TX.75024
PHONE 800-669-8740

SCALE	BY	CHKD	APPROVED	OPERATIONS	DATE
1"=20'-0"	MBH				05-23-94

SERVICE CENTER LOCATION	SC-DWG NUMBER	REV
SALT LAKE CITY, UT	7113-SP00-001	F

ATTACHMENT 7

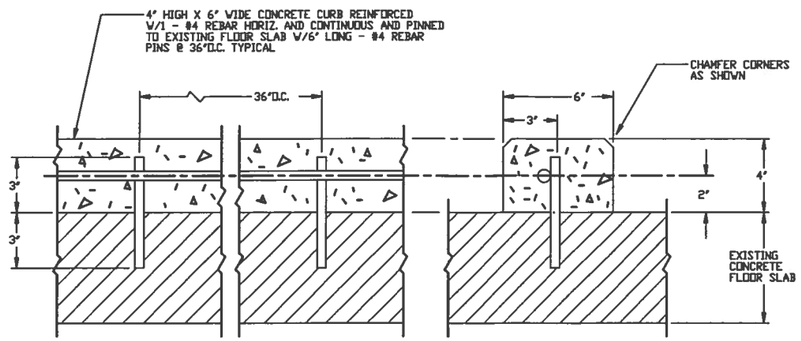
072696



EXISTING FLOOR PLAN

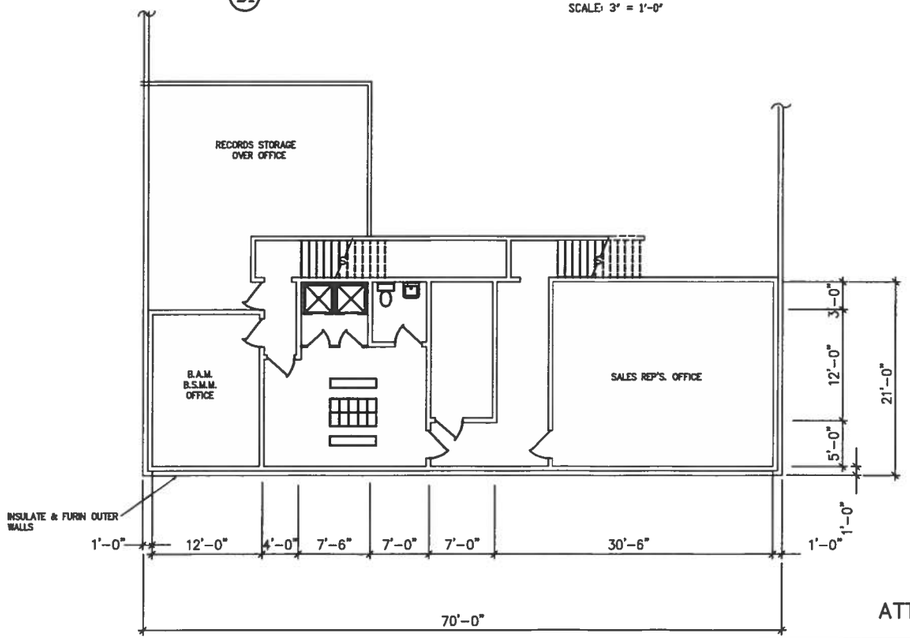
SCALE: 1/8"=1'-0"

NOTE: FOR AREAS WHERE CURBING IS TO BE INSTALLED, FLOOR SURFACE TO BE CLEANED AND SCRUB W/50-50 ACID SOLUTION IN PREPARATION FOR EPOXY BONDING AGENT. BONDING AGENT TO BE W.R. MEADOWS INTRALOK ACRYLIC LATEX OR APPROVED EQUAL AND TO BE APPLIED PRIOR TO POURING CURB.



D1 DETAIL D-1: CURB CONSTRUCTION

SCALE: 3" = 1'-0"



EXISTING MEZZANINE PLAN

SCALE: 1/8"=1'-0"

ATTACHMENT 7

PROPRIETARY STATEMENT

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NO.	DESCRIPTION	BY	CHK	APPR	DATE
	REVISIONS				
04	REMOVE RECYCLE AREA NOTE	JEK	RS	RS	121510
03	ADD OFFICE AND STORAGE AREA	JEK	RS	RS	051707
02	REVISED MEZZ. OFFICE PLAN; DWG. # WAS 7001.	RD			012693
01	ADDDED CURB DETAIL	MJP	-	-	121991

TITLE

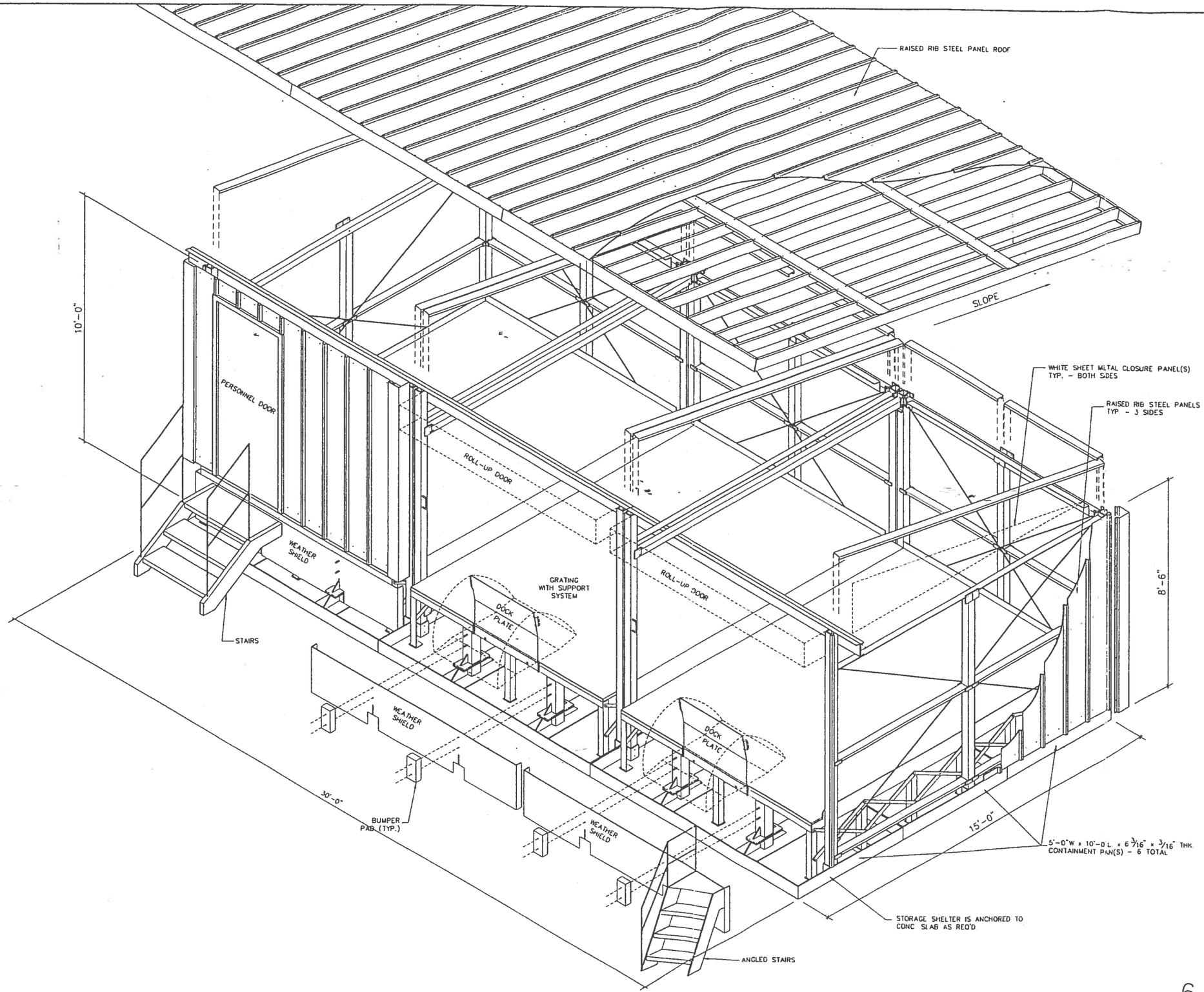
FLOOR PLAN
1066 S. PIONEER RD.

SAFETY-KLEEN SYSTEMS, INC.
5400 LEGACY DR. CLUSTER II BLDG. 3 PLANO, TX. 75024 800-669-5740

SCALE	BY	CHKD	APPROVED	OPERATIONS	DATE
1/8" = 1'-0"	WEY				07-28-87

SERVICE CENTER LOCATION	SC-DWG NUMBER	REV. NO.
SALT LAKE CITY, UT	716601-QJ01700	04

01-26-93



GENERAL NOTES

1.) ACTUAL TRANSFER SHELTER CONFIGURATION MAY VARY DO TO CONSTRUCTION, MAINTENANCE AND OR UPKEEP AT THE FACILITY.

REVISIONS

NO	DESCRIPTION	BY	CHK	APPR	DATE
A	RELEASED TO CL FOR PERMIT MOD	MBH	KJM	WEY/CL	072696

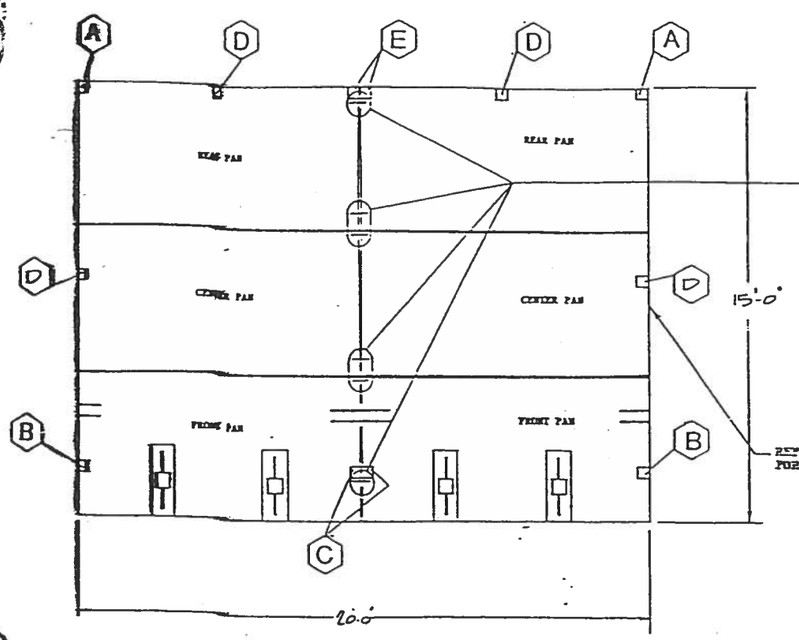
TITLE

3 BAY CLASS 1B TRANSFER SHELTER

Safety-Kleen Corp.
1000 NORTH RANDALL ROAD ELGIN, ILLINOIS 60123
PHONE (847)697-8460

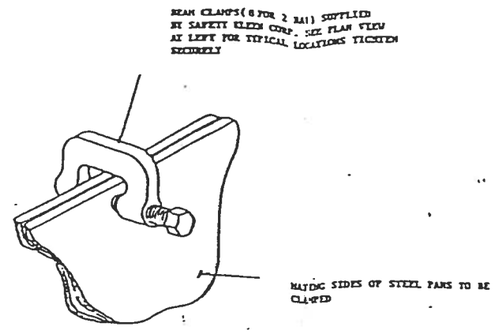
SCALE	BY	CHKD	APPROVED	EHS	DATE
1/2"=1'-0"	MBH	KJM	WEY	CL	07-25-96

SERVICE CENTER LOCATION	SC-DWG NUMBER	REV. NO
SALT LAKE CITY, UT	716601-QJPB300	A



PLAN VIEW / PAN ARRANGEMENT

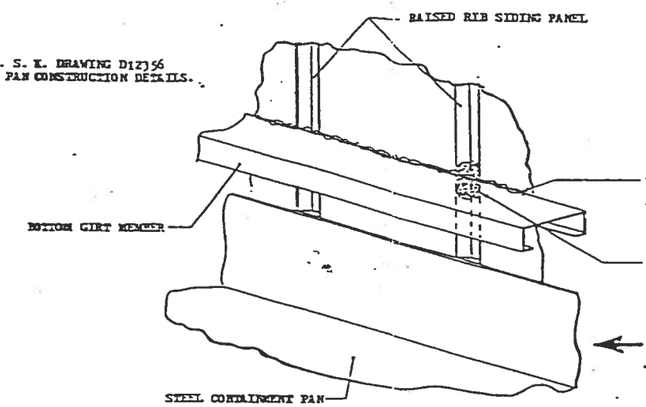
SCALE: 3/8"=1'0"



REAR CLAMPS (6 FOR 2 BAY) SUPPLIED BY SAFETY SLEEK CORP. SEE PLAN VIEW AT LEFT FOR TYPICAL LOCATIONS TIGHTEN SECURELY

CLAMP DETAIL

NO SCALE



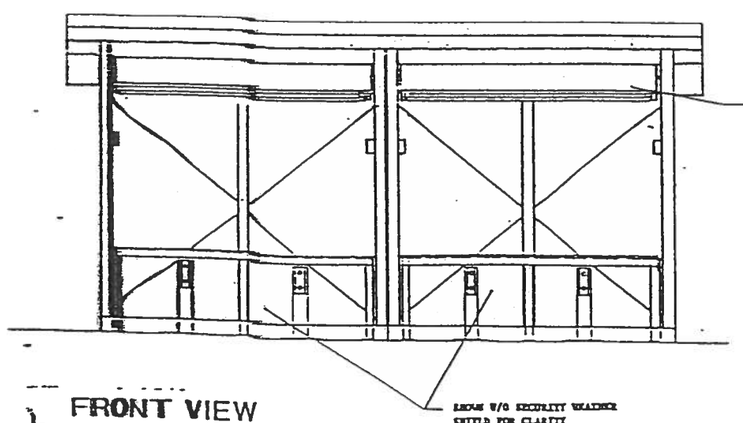
USE A SILICONE TYPE SEALANT AT JOINT OF BOTTOM GIRT MEMBER AND SIDING. SEE NOTE BELOW REGARDING WADDING MATERIAL FOR SEALING AT RAISED RIB AREAS.

PLACE AN ALUMINUM FOIL WAD INSIDE RIB BETWEEN SIDING AND BOTTOM GIRT MEMBER TO PREVENT SEALANT FROM FLOWING THRU.

SEALING DETAIL

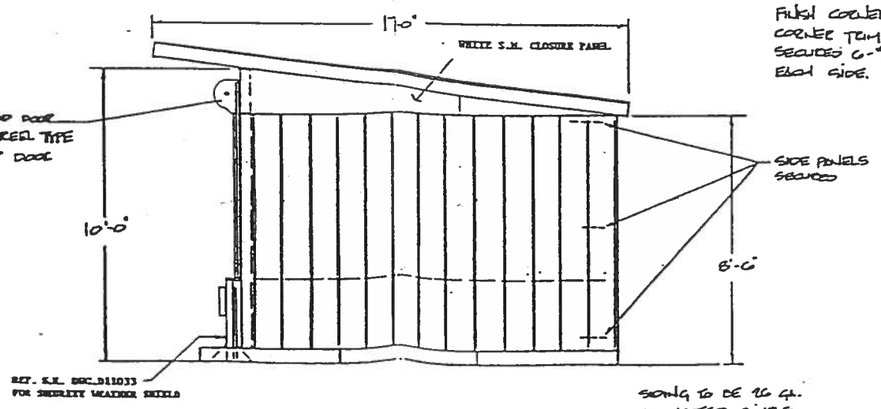
NO SCALE

- (A) REAR CORNER POST
- (B) FRONT POST
- (C) FRONT CENTER POST
- (D) CENTER POST
- (E) REAR INTERMEDIATE POST
- (F) END CHANNEL DETAIL
- (G) REAR ANGLE DETAIL
- (H) SIDE ANGLE DETAIL



FRONT VIEW

SCALE: 3/8"=1'0"



FINISH COVERS 4/26 GA. CORNER TRIM SECTIONS, SECURED 6-#10-16 SCREWS EACH SIDE.

SIDING TO BE 26 GA. CORRUGATED PANELS SECURED W/ 8-#10-16 SCREWS AT EACH FLAT BETWEEN RIBS 3/4" HIGH SPACED 12" O.C.

SIDE ELEVATION

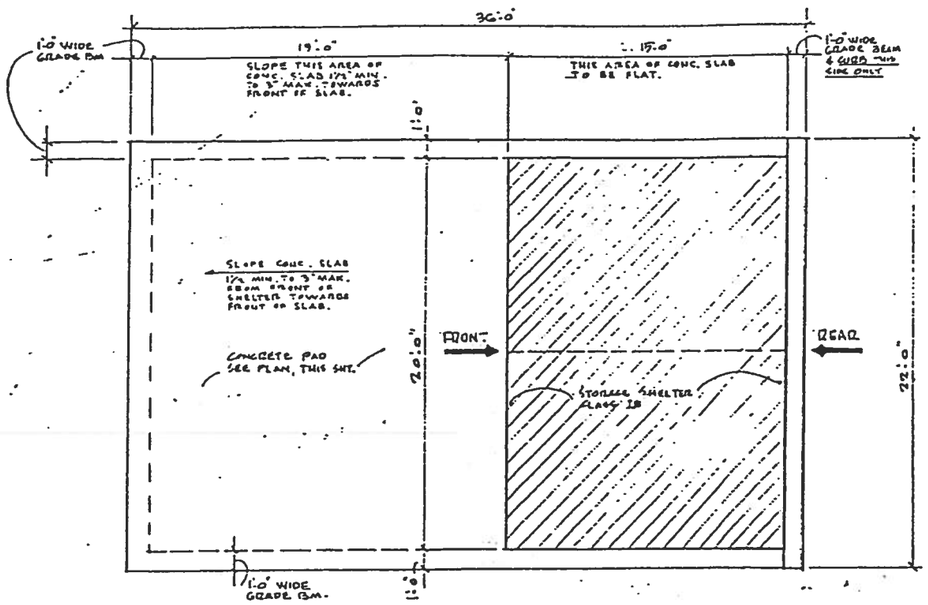
SCALE: 3/8"=1'0"

Sentry-Sleek Corp.

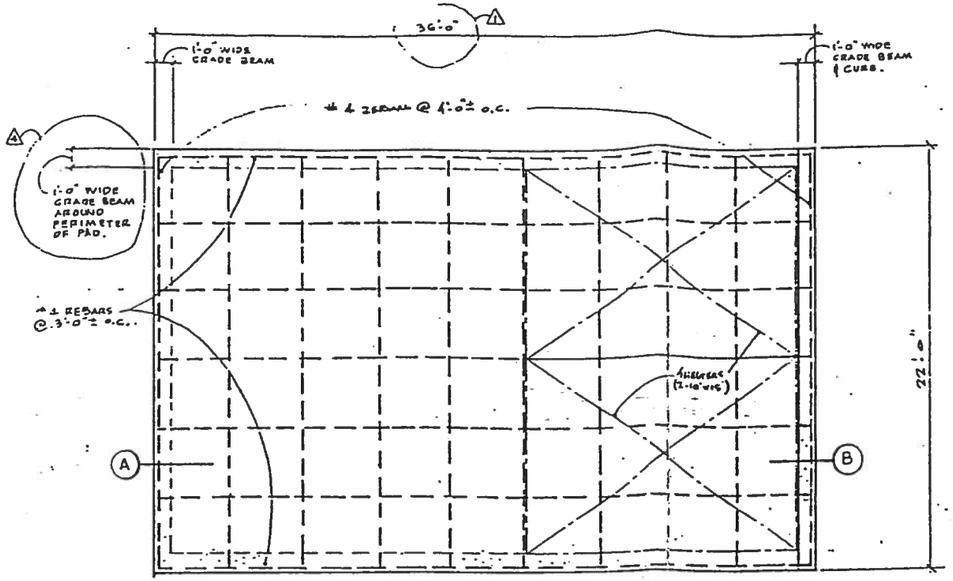
STORAGE SHELTER - CLASS IB

AS NOTED	
8/13/86	
BMF	

FOR SERVICE CENTER BRANCH: ID1735

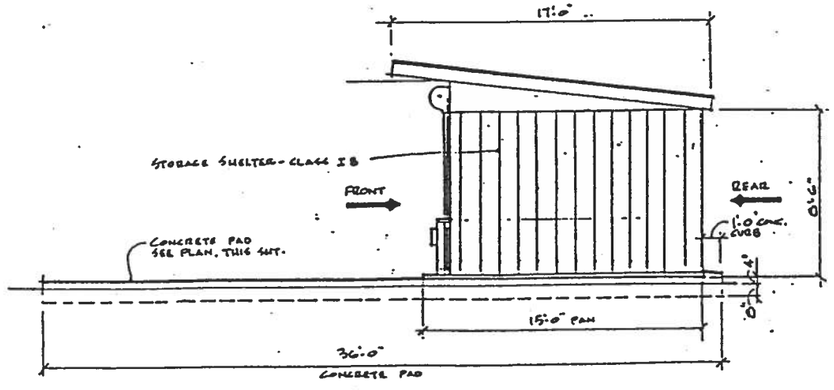


PLAN - SHOWING STORAGE SHELTER ON CONCRETE PAD
SCALE: 1/4" = 1'-0"

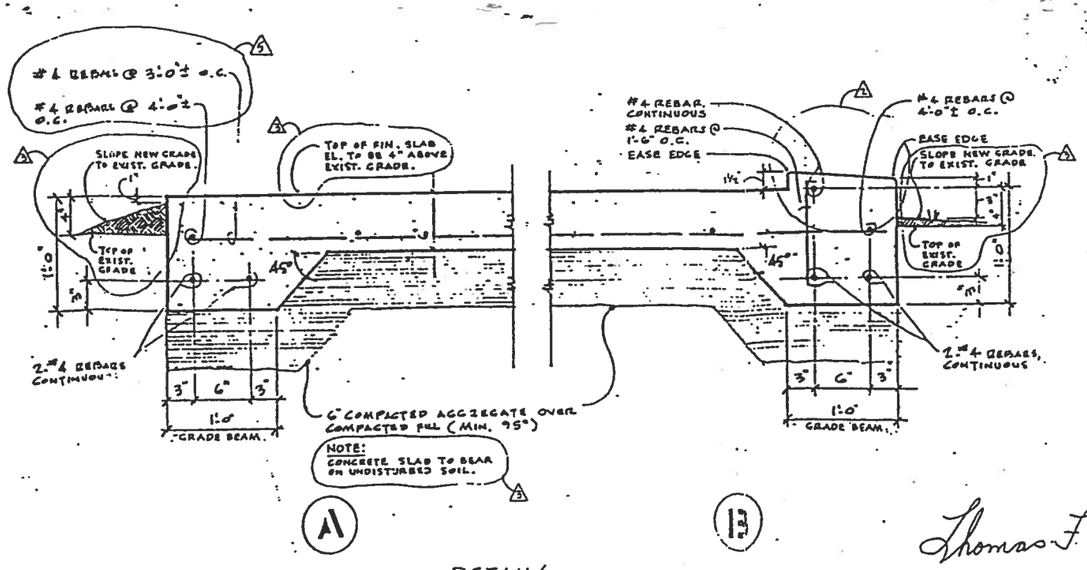


PLAN - CONCRETE PAD FOR STORAGE SHELTER - CLASS IB
SCALE: 1/4" = 1'-0"
NOTE:
CONCRETE TO OBTAIN 4,000 PSI STRENGTH IN 28 DAYS

Six Containment Pans 10'x5'x6 9/16"
Drain pipes through adjacent pans
front to back - See drawing D12356



ELEVATION - SHOWING STORAGE SHELTER ON CONCRETE PAD
SCALE: 1/4" = 1'-0"



DETAILS
SCALE: 1 1/2" = 1'-0"

Thomas F. Troller 9/19/91

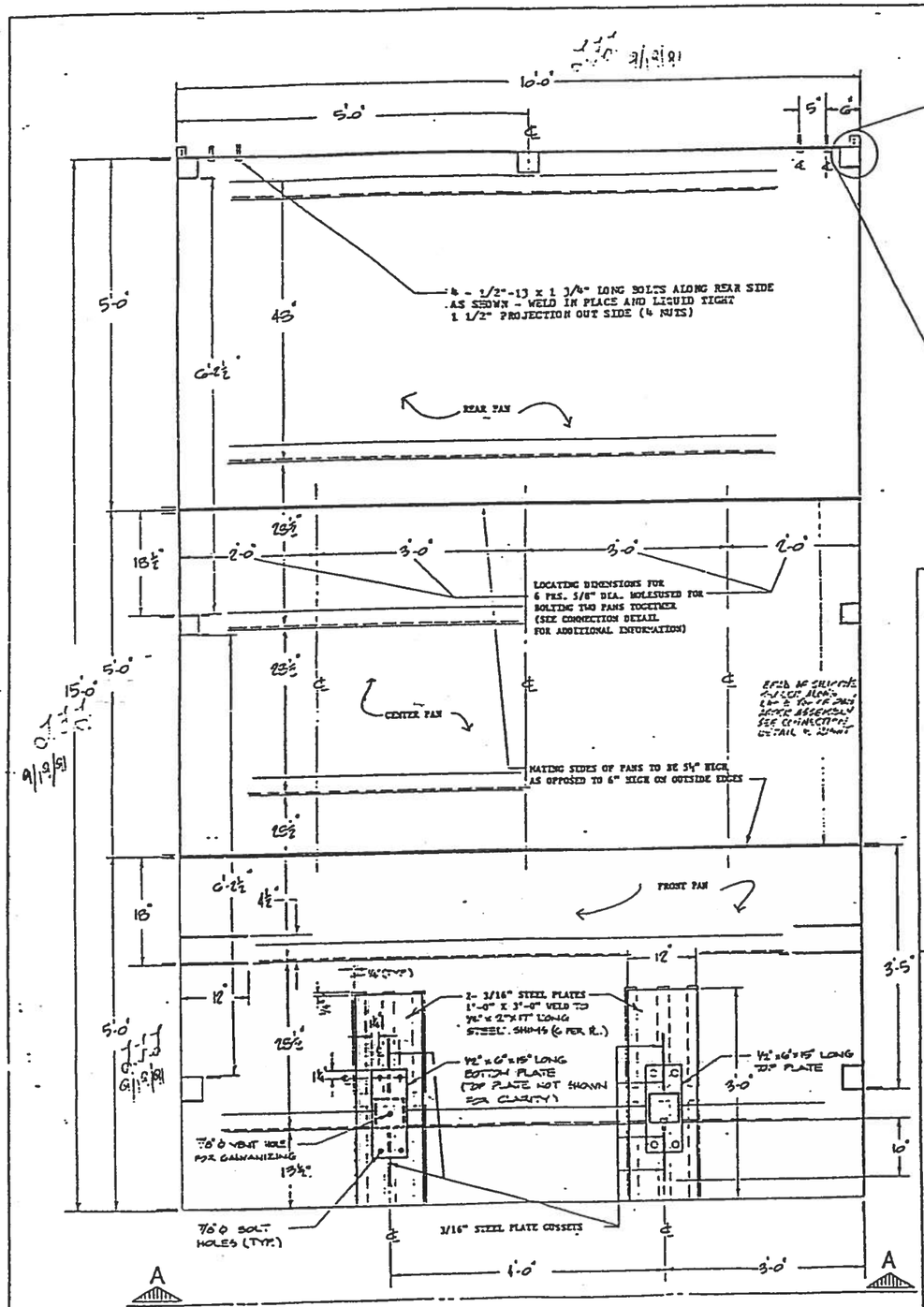
5	100 PLAN & ELEVATION - CONC. PAD & STORAGE SHELTER	[illegible]
4	EXTENDED GRADE BEAM AROUND PERIMETER OF PAD	C.S. [illegible]

safety-kleen corp.
777 BIG TIMBER ROAD • ELGIN, ILLINOIS 60120 PHONE 312 [illegible]

PAD, CONCRETE - FOR CLASS IB STORAGE SHELTER

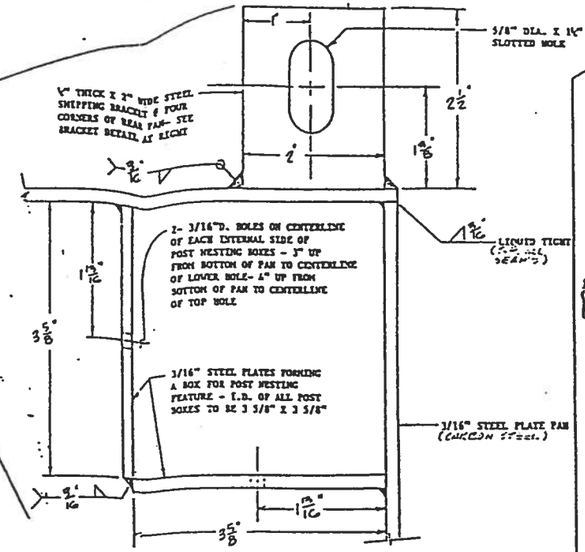
AS NOTED			
6/26/86	1	CHG'D. DIMENSION	C.S. [illegible]
	2	REVISED CURB & OMITTED BUMPER	C.S. [illegible]
	3	ADDED NOTE, CONC. SLAB EL. REVISIONS	C.S. [illegible]

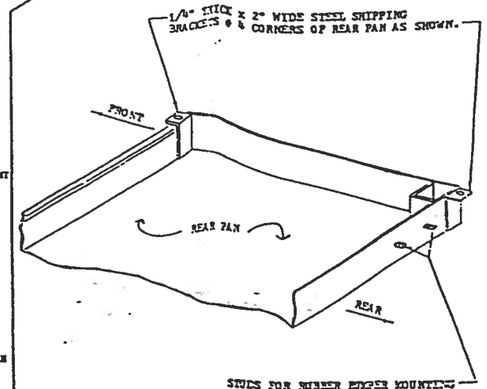
FOR SERVICE CENTER BRANCH: D12326



PLAN VIEW

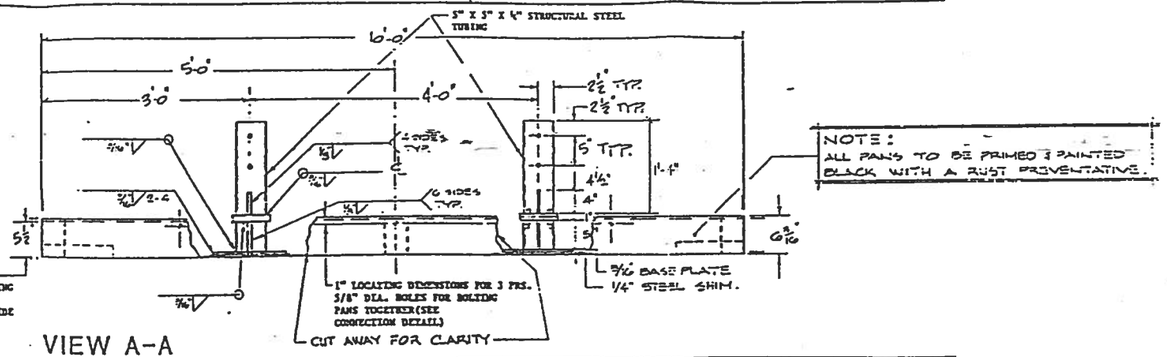
SCALE: 1"=1'-0"





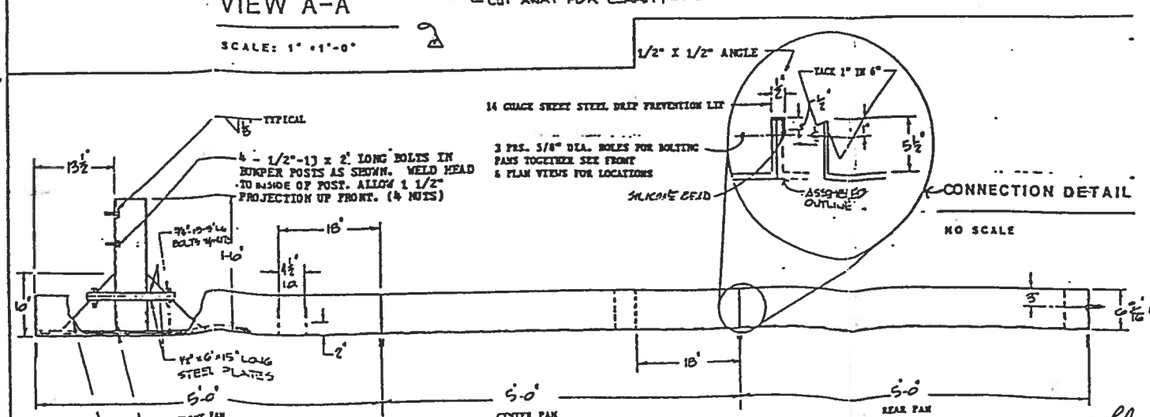
BRACKET DETAIL

NO SCALE



VIEW A-A

SCALE: 1"=1'-0"



SIDE VIEW

SCALE: 1"=1'-0"

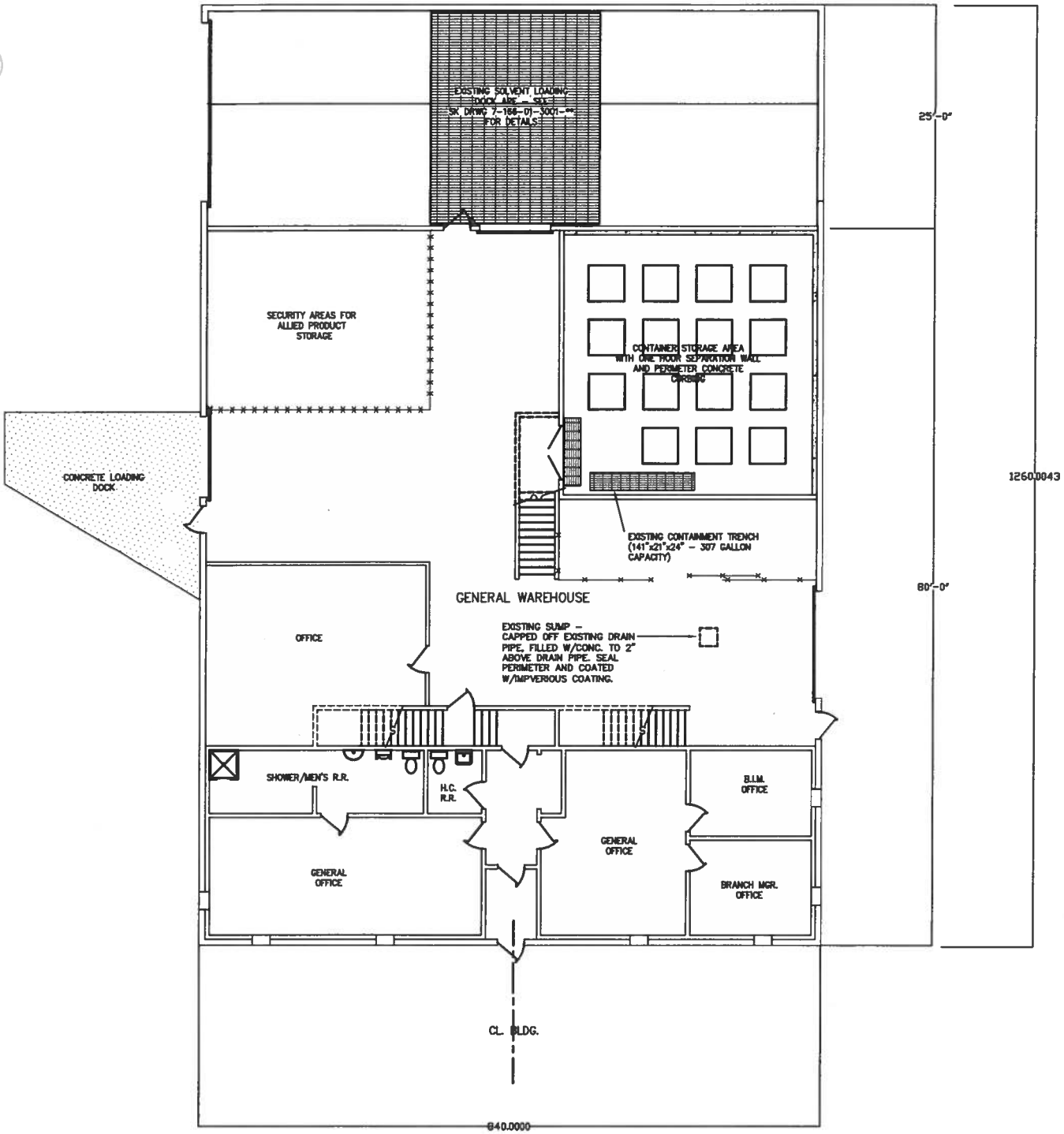
Pan dimensions confirmed
T.F.J. 9/19/91

Thomas F. Troller 9/19/91

safety-kleen corp.

FABRICATION DETAILS FOR CLASS IB STORAGE SHELTER

AS NOTED			
9/19/91	¼" BRACKET, FROST MARK		
	A ADDED SLOTTED HOLES IN BRACKET		



EXISTING FLOOR PLAN

SCALE: 1/8"=1'-0"

15 SPACES WITH A POTENTIAL CAPACITY OF 10 - 30 GALLON DRUMS

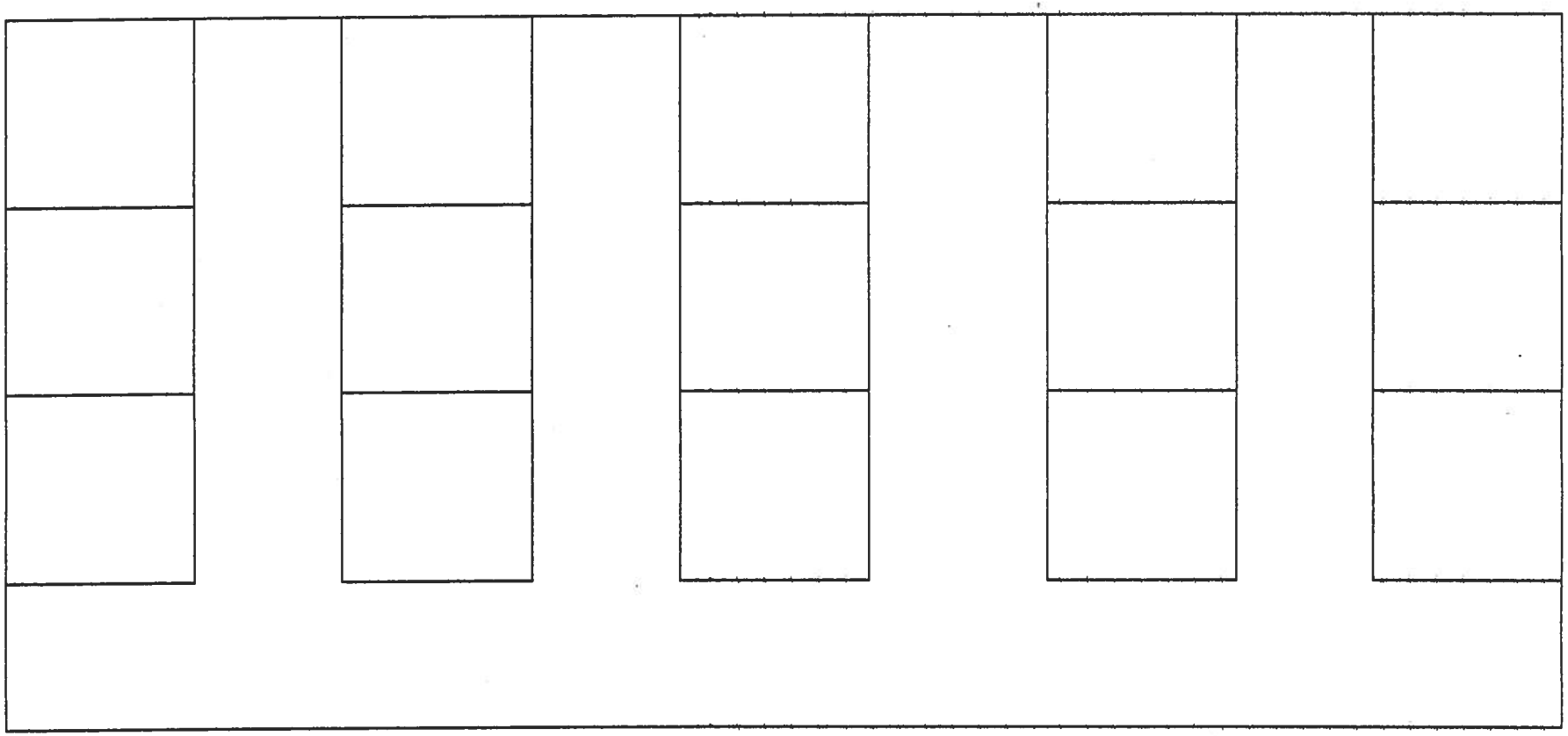
15 X 10 X 30 = 4500 GALLONS

ATTACHMENT 7

7113-WB00-005

REV 2

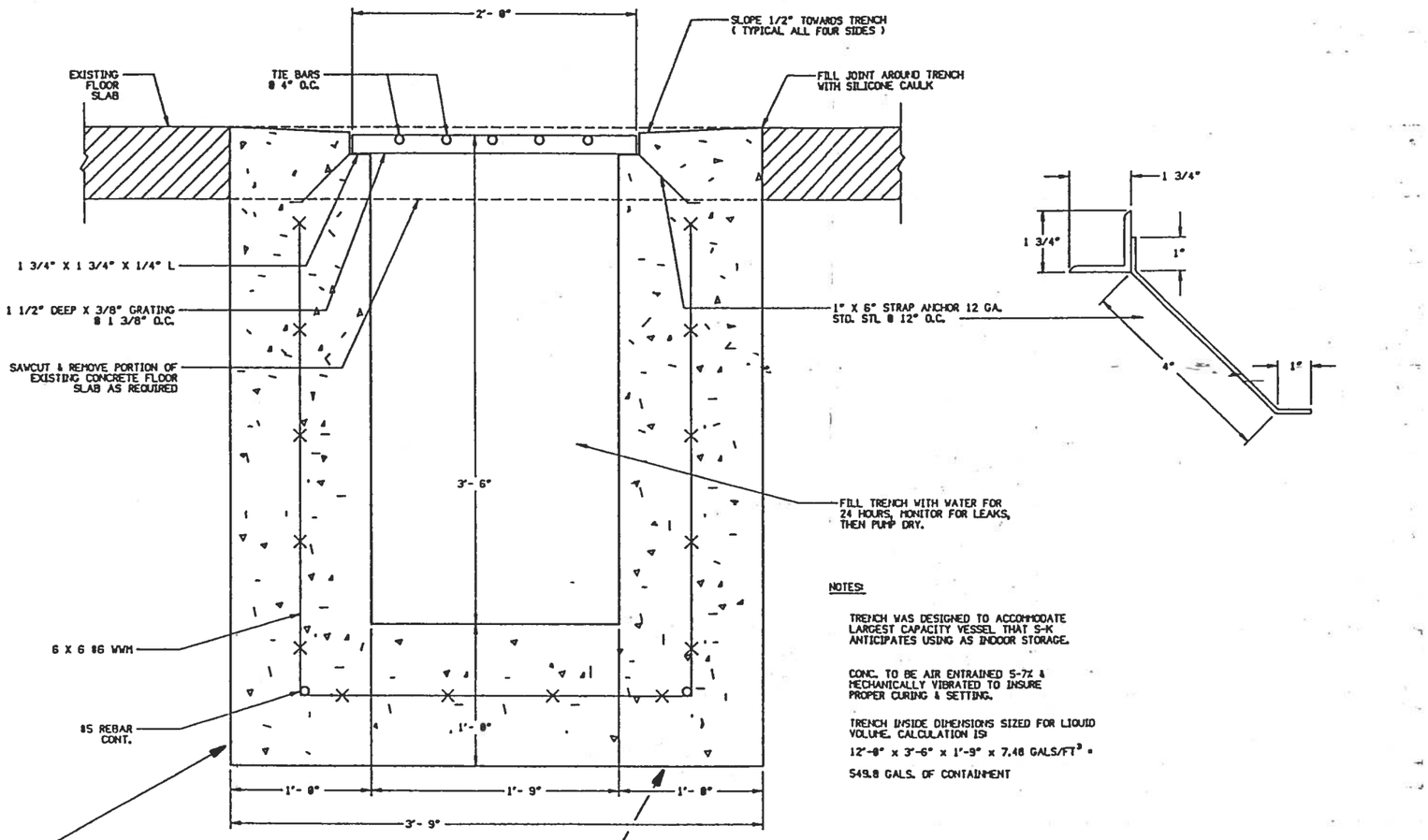
Metal Container Storage Shelter
Example Storage Configuration



15 pallet positions x 220 gallons/pallet (4 x 55 gallons/container) equals a maximum of 3,300 gallons of storage capacity.

NOTE: BOTH PROJECT ENGINEER [E. YOUNG] AND INSTALLING CONTRACTOR ADVISE THIS STANDARD USED FOR NORTH-SOUTH TRENCH WITH THE FOLLOWING INSIDE DIMENSIONS: 11'-6" LONG X 21" WIDE X 24" DEEP.

JULY 1, 1995 J. R. Baker



NOTES:

TRENCH WAS DESIGNED TO ACCOMMODATE LARGEST CAPACITY VESSEL THAT S-K ANTICIPATES USING AS INDOOR STORAGE.

CONC. TO BE AIR ENTRAINED 5-7% & MECHANICALLY VIBRATED TO INSURE PROPER CURING & SETTING.

TRENCH INSIDE DIMENSIONS SIZED FOR LIQUID VOLUME. CALCULATION IS:

12'-0" x 3'-6" x 1'-9" x 7.48 GALS/FT^3 =

549.8 GALS. OF CONTAINMENT

NOTE: TRENCH SITTING ON AND IN COMPACTED ENGINEERED FILL.

JULY 1, 1995 J. R. Baker

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
	REVISIONS				

TITLE: 12'-0" X 2'-0" X 3'-6" TRENCH DETAIL - RETROFIT

FOR USE WHEN RETROFITTING EXISTING BLDGS. W/O CONTAINMENT

SAFETY-KLEEN CORP.

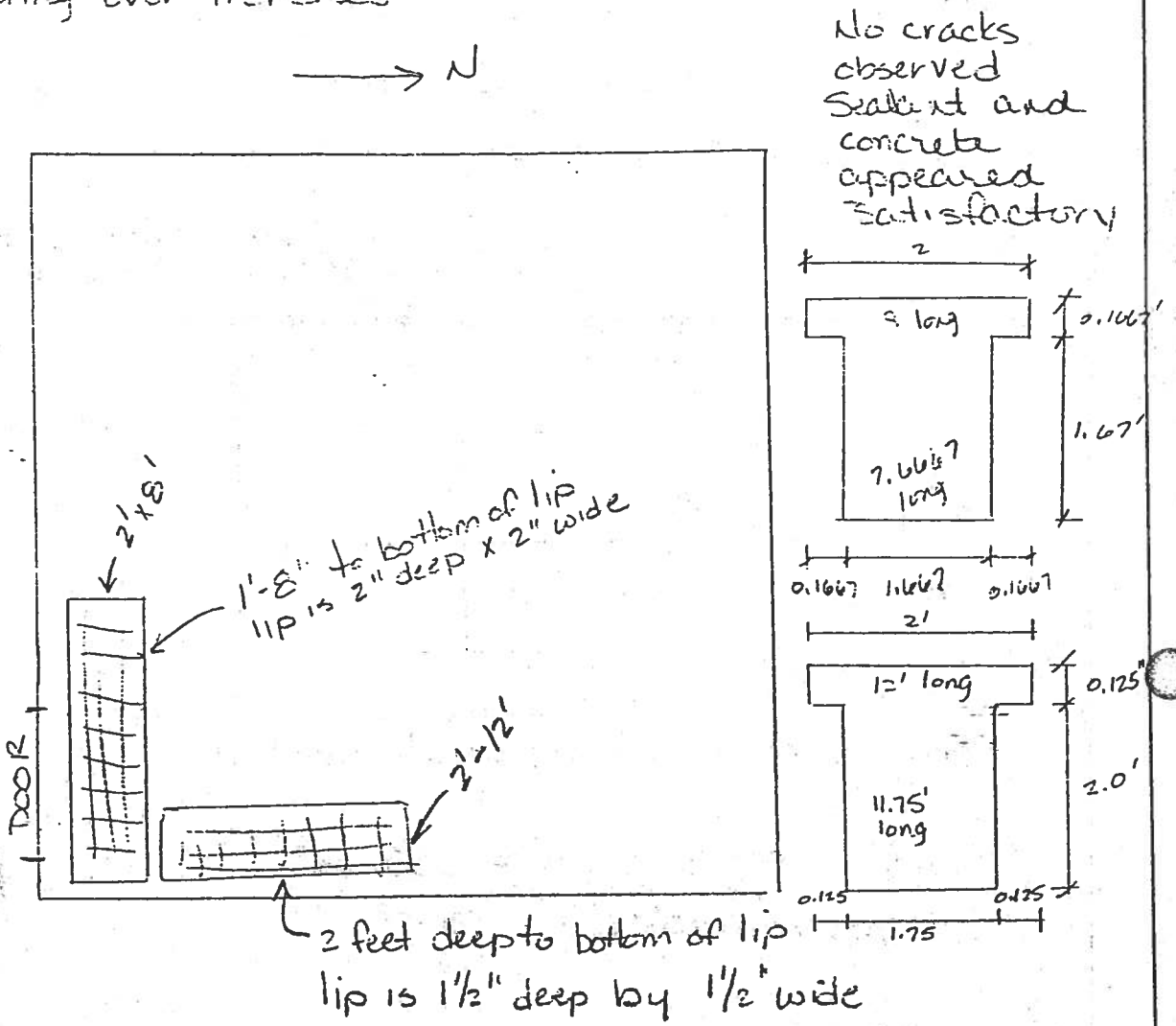
777 BIG TIMBER ROAD, ELGIN, ILLINOIS 60120 PHONE 312/697-8460

FIELD ENGR. APPR.	OPERATIONS APPR.	SCALE	DRAWN	DATE
		2" = 1'-0"	PBG	2/14
BRANCH: FOR SERVICE CENTER BRANCH		DRAWING NO. A13022		

BH2
2/14/89 PBG

Container Storage - Part of warehouse

= Coated concrete trenches by door
grating over trenches



$$\text{Volume} = 1.6667' \times 7.6667' \times 1.6667' + (8 \times 0.1667 \times 0.1667)2 + (1.6667 \times 0.1667 \times 0.1667)2$$
$$+ 1.75' \times 11.75' \times 2' + (12 \times 0.125 \times 0.125)2 + (1.75 \times 0.125' \times 0.125')2$$
$$= 21.3\,FT^3 + 0.4\,FT^3 + 0 + 41.1\,FT^3 + 0.3\,FT^3 + 0$$
$$= 63.1\,FT^3$$
$$63.1\,FT^3 \times \frac{7.48\ gal}{FT^3} \cong 472\ gal$$

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS
AMPAD

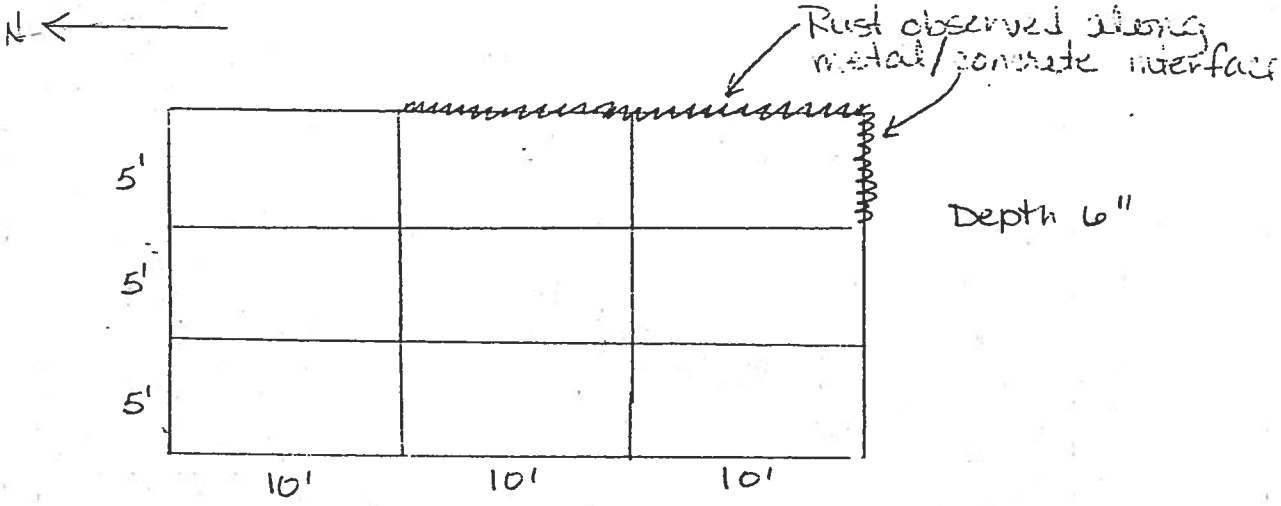
22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS
AMPAD

Flammable Materials Shelter - Separate metal enclosure

Drums sit on grating over metal containment pans.
Pans are coated w/ black paint.
Shelter is bolted to concrete pad

Minor rust observed where paint has chipped.

Recommend new coating be applied.



North 3 pans looked recently coated

Volume = 15' x 30' x 0.5' = 225 FT^3

Each pan = 5' x 10' x 0.5' = 25 FT^3

$25\ FT^3 \times \frac{7.48\ gal}{FT^3} = 187\ gal$

$225\ FT^3 \times \frac{7.48\ gal}{FT^3} = 1{,}683\ gal$

NOTE: Pans were sandblasted and painted black after the June 1997 inspection

Chemical Resistant Urethane

A Superior Chemical & Abrasion Resistant Coating

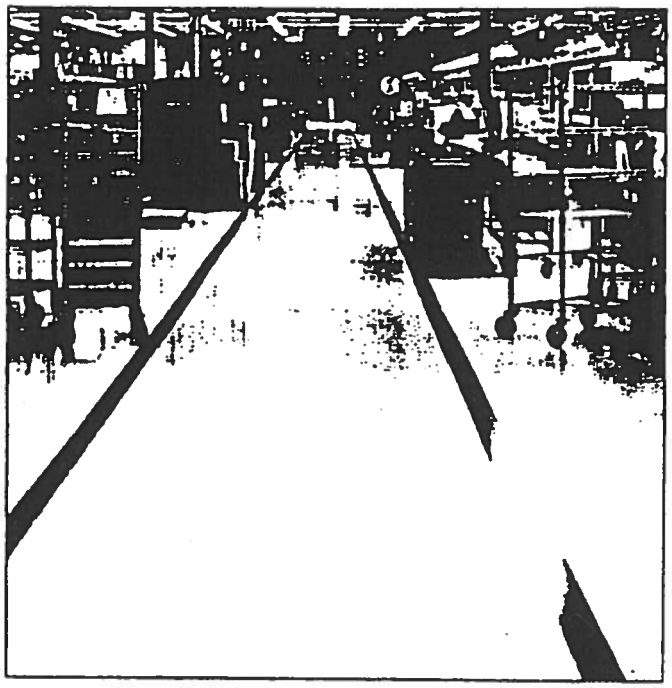
Description

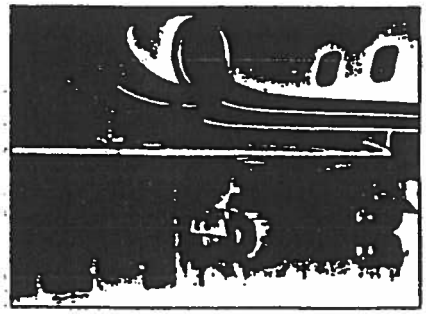
A 2-component, aliphatic urethane coating. Available in clear, white, gray, beige and other attractive colors.

An advanced aliphatic urethane, this 2-component nonyellowing coating offers the latest in chemical, abrasion and soiling resistance. Specifically formulated for use on concrete surfaces where a variety of chemical spills are common. It is ultraviolet light resistant and produces optimum light reflectance.

Advantages

- Provides excellent chemical resistance
- Contains exceptional anti-soiling abrasion resistant properties
- Produces optimum light reflectance
- Resists effects of ultraviolet light





Moisture Cure Urethane—Clear & Pigmented

Guaranteed to Outperform Conventional Coatings & Sealers

Description

An oil-free moisture cure urethane (MCU) coating formulated at several solids levels for specific job requirements.

Wears up to five times longer than conventional coatings. MCU produces a tough, protective shield that guards concrete surfaces against heavy traffic wear and penetration of oil, grease and chemicals.

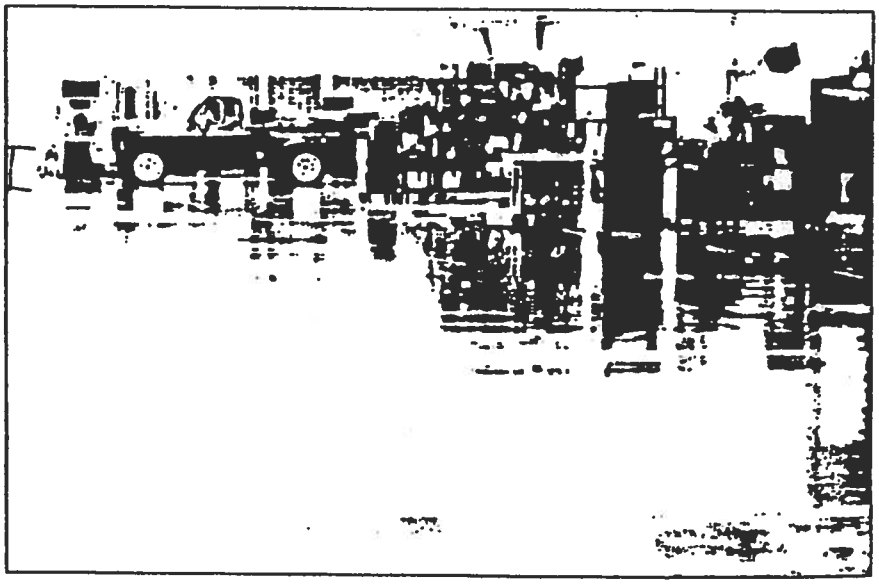
Ensures a high film build and high-gloss appearance despite heavy traffic. Increases light reflectance and decreases energy costs.

Advantages

- Wears up to 5 times longer than ordinary coatings
- Provides exceptional durability
- High film build protects against heavy traffic abuse
- Resists oil, grease & most chemicals
- Exhibits outstanding reflectivity
- MCU color additives are available in a variety of colors

Where to Use

Restrooms
Supermarket Storage Areas
Aircraft Hangars
Laundries
Chemical Production Areas
Auto Dealerships
Industrial Plants
Interior Loading Docks
Warehouses
Food Processing Plants
Power Plants
Parking Garages
Textile Mills
Paper Mills
Printing Plants
Bottling Plants
Marine Dealerships
School Garages



Urethane Support Products

Preparation Chemicals
Highly concentrated degreasers, solvent and water-based cleaners, and acid conditioners are available to insure proper surface preparation. Nonflammable stripper is also available to remove permanent coatings that may be disposed of as dry waste.

Color Additives
Concentrated color additives designed for pigmenting clear MCU systems. Available in a variety of attractive high-gloss colors. Reduce cost and inventory requirements.

Thinners
Specially formulated for proper thinning of MCU and CRU systems and cleanup of application equipment.

Primer
A 2-component, water-based epoxy primer/bond coat. This primer is ideal on both damp and dry concrete surfaces prior to the application of urethane systems. Reduces installation downtime and insures superior adhesion of topcoats. No objectionable odor or fire hazard.

Catalysts
CRU and MCU catalysts to accelerate the drying and cure times of the coatings.

A complete line of preparation products for concrete floors.

FEDERAL INTERNATIONAL CHEMICALS
1191 S. Wheeling Road, Wheeling, IL 60090
(312) 541-9000
Manufacturing facilities in Illinois, New Jersey, Florida and California.
Warehouse in Colorado.
division of The Flatspar Corporation

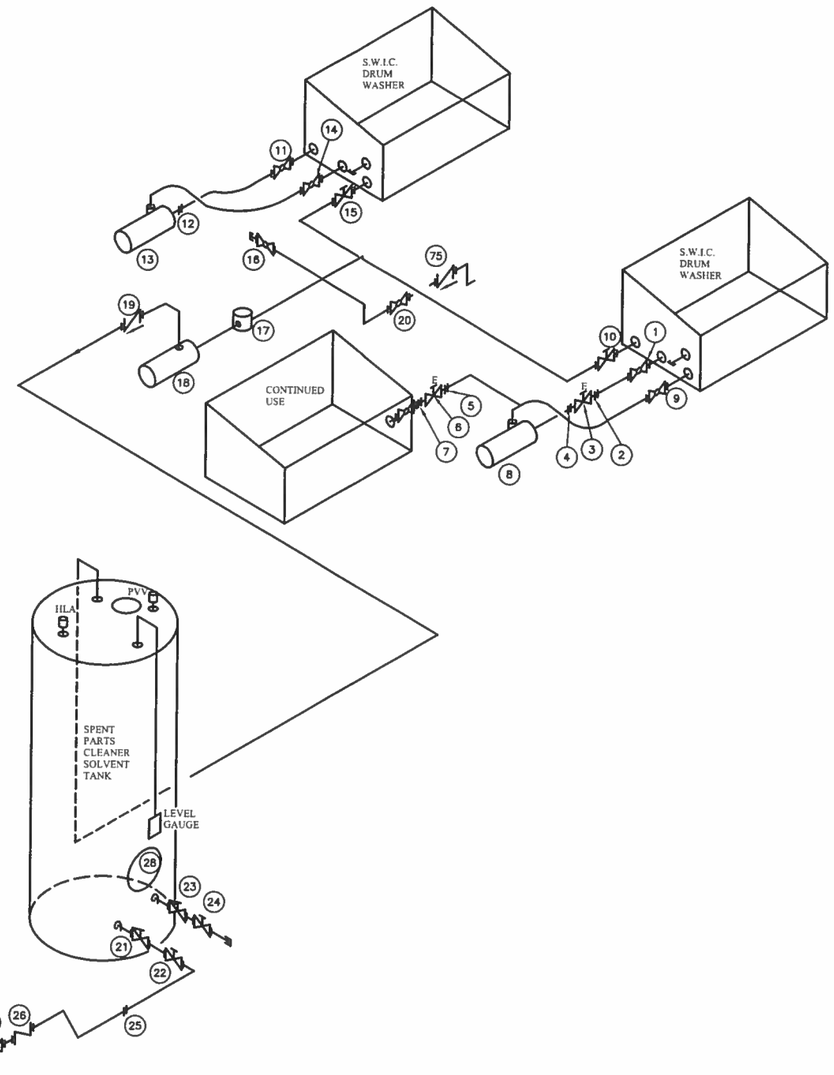
RECEIVED
APR 14 1987

JT 18054

Environmental Protection
Agency-Region V

FITTING SCHEDULE

1	1.5" THREADED BALL VALVE
2	1.5" FLANGE TO ELECTRONIC VALVE #3
3	ELECTRONIC VALVE
4	1.5" FLANGE FROM ELECTRONIC VALVE #3
5	1.5" FLANGE TO ELECTRONIC VALVE #6
6	ELECTRONIC VALVE TO CUP VAT LINE
7	1.5" FLANGE FROM ELECTRONIC VALVE #6
8	RE-CIRCULATION PUMP SOUTH WASHER
9	1.5" BALL VALVE SOUTH DRUM WASHER
10	2" GATE VALVE SOUTH DRUM WASHER
11	1.5" BALL VALVE NORTH DRUM WASHER
12	1.5" FLANGE TO RE-CIRCULATING PUMP #13
13	RE-CIRCULATION PUMP NORTH WASHER
14	1.5" BALL VALVE NORTH DRUM WASHER
15	2" GATE VALVE NORTH DRUM WASHER
16	2" BALL VALVE AUXILIARY LINE
17	BASKET STRAINER
18	TRASH PUMP
19	2" CHECK VALVE
20	2" BALL VALVE SUMP LINE
21	3" INTERNAL EMERGENCY VALVE - WASTE TANK
22	3" GATE VALVE - WASTE TANK
23	3" EMERGENCY VALVE AUXILIARY LINE
24	3" GATE VALVE AUXILIARY LINE - WASTE TANK
25	3" FLANGE
26	3" CHECK VALVE
27	3" GATE VALVE - TANKER CONNECTION
28	20" FLANGE - WASTE TANK MANWAY
75	2" CHECK VALVE - SUMP LINE



HAZARDOUS WASTE PARTS CLEANER SOLVENT TANK SYSTEM PIPING SCHEMATIC

NO SCALE

GENERAL NOTES

1. PIPING CONFIGURATION AS INDICATED WAS FIELD VERIFIED ON 5-9-07.
2. NUMBERS IN CIRCLES INDICATE TAGS ATTACHED TO EQUIPMENT OR FITTING AS SHOWN.
3. NON-PERMITTED TANKS & EQUIPMENT MAY CHANGE.
4. ACTUAL PIPING CONFIGURATION MAY VARY DUE TO MAINTENANCE AND/OR UPKEEP OF FACILITY.

PROPRIETARY STATEMENT

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SYMBOL LIST

	CAMLOC COUPLING
	90° CAMLOC COUPLING
	GATE VALVE
	INTERNAL EMERGENCY VALVE
	BALL VALVE
	SCREWED COUPLING
	CHECK VALVE
	STRAINER
	PUMP
	REDUCER/INCREASER
	SCREWED UNION
	CAP
	HOSE CLAMP
	FLEXIBLE HOSE
	PIPE PENETRATION/ATTACHMENT TO EQUIPMENT
	DIRECTION OF FLOW

CONNECTION TYPES

	FLANGED
	SCREWED
	WELDED

NO.	DESCRIPTION	BY	CHK	APPR	DATE
F	REVISED TAGGING/PIPING FOR STILL REMOVAL	JEK	JB	JB	071411
E	REMOVE VALVE & TAG # 32	JEK	RS	RS	121207
D	SHOW ASBUILT CONDITIONS	GAS	GAS	RS	071007
C	REVISED TAGGING	GAS	GAS	RS	062807
B	REVISED TAGGING	GAS	GAS	RS	051707
A	R3EVISED TAGGING	GAS	GAS	RS	051407
0	NEW ISSUE FOR PERMIT	GAS	GAS	GAS	031407

REVISIONS

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TITLE

ENVIRONMENTAL
PIPING SCHEMATIC
(SPENT PARTS CLEANER SOLVENT)

SAFETY-KLEEN SYSTEMS, INC.
5400 LEGACY DR. CLUSTER II BLDG. 3 PLANO, TX. 75024 800-669-5740

SCALE	BY	CHKD	APPROVED	OPERATIONS	DATE
NONE	PSC	GAS	GAS	GAS	3/14/07

SERVICE CENTER LOCATION	SC-DWG. NO.	REV. NO.
SALT LAKE CITY, UT	7113-5600-350	F

06-08-4... 0 PM K:\PROJECTS\DWG 9536.1