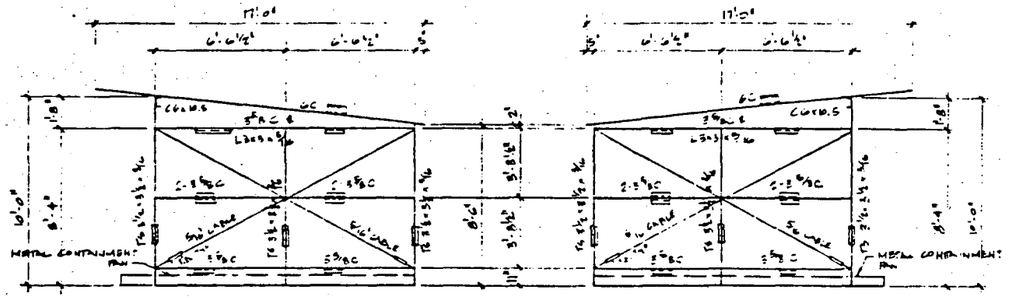


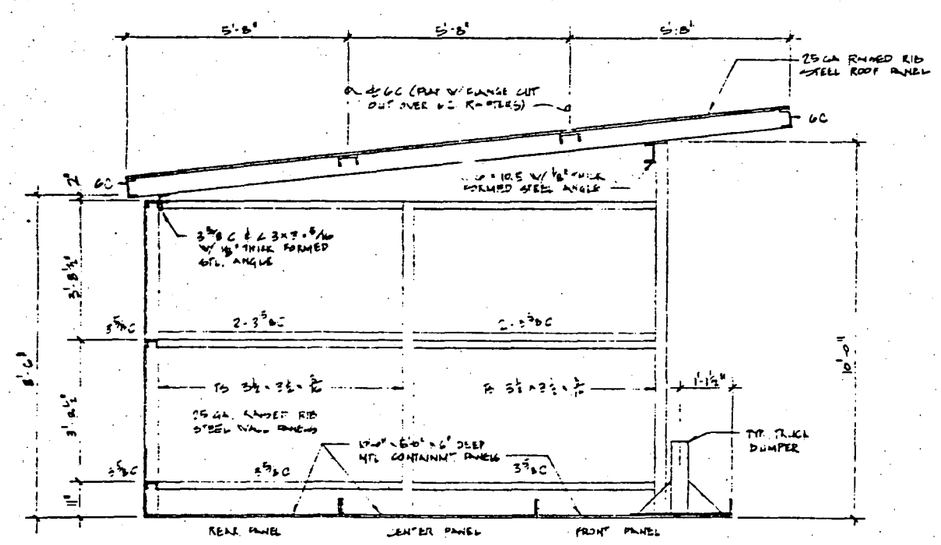

RIGHT SIDE 1/4"=1'-0"

LEFT SIDE 1/4"=1'-0"




RIGHT SIDE FRAMING 1/4"=1'-0"

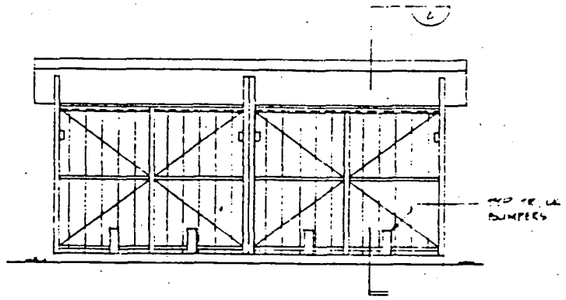
LEFT SIDE FRAMING 1/4"=1'-0"



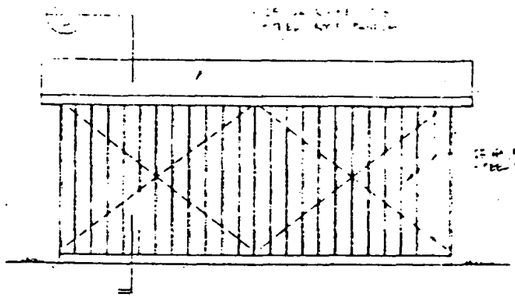

SECTION 1/2"=1'-0"

SEC A

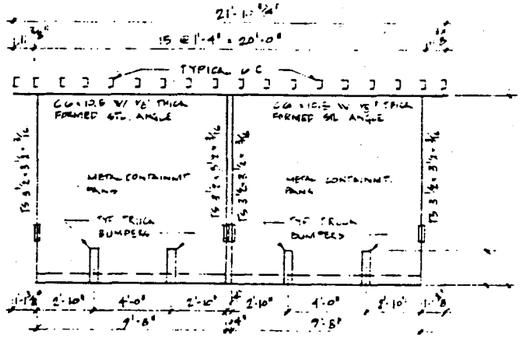
DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW EVERY DETAIL, OFFSET OR CONNECTION WHICH MAY BE REQUIRED. THE GENERAL AND ALL SUBCONTRACTORS ARE RESPONSIBLE FOR REVIEWING DRAWINGS AND SCOPE OF WORK REQUIRED TO INSURE COMPLIANCE WITH ALL LOCAL, STATE AND NATIONAL CODES. ALL DISCREPANCIES, ALTERATIONS AND ADDITIONS MUST BE RELAYED TO WISHMEIER & ASSOCIATES FOR REVIEW PRIOR TO AND DURING CONSTRUCTION. NON-COMPLIANCE WITH THE ABOVE WILL RELIEVE WISHMEIER & ASSOCIATES OF ANY AND ALL RESPONSIBILITIES.



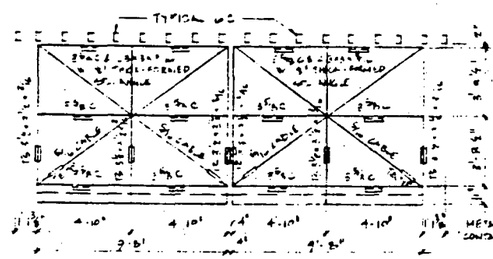

FRONT ELEVATION 1/4"=1'-0"



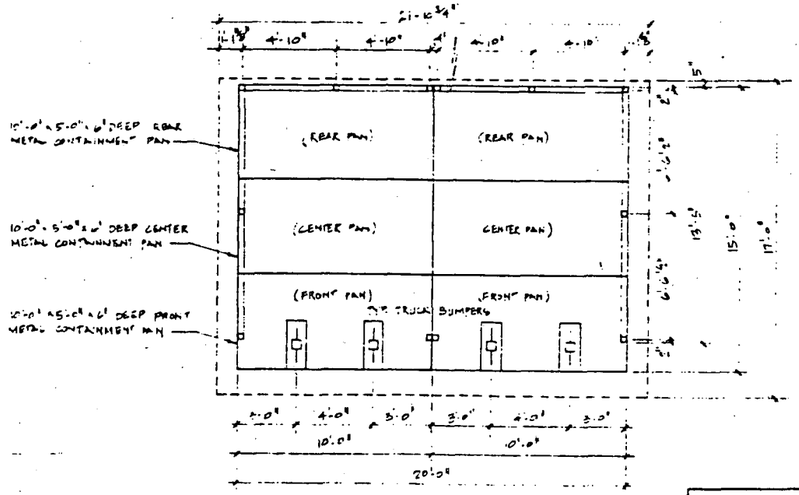
REAR ELEVATION 1/4"=1'-0"



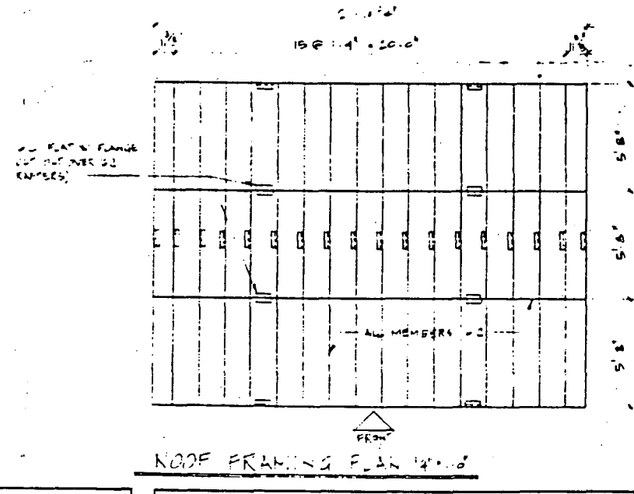

FRONT FRAMING 1/4"=1'-0"




REAR FRAMING 1/4"=1'-0"




FLOOR PLAN 1/4"=1'-0"




ROOF FRAMING PLAN 1/4"=1'-0"

DESIGN LOAD CRITERIA

ROOF

LIVE LOAD 40 PSF

WIND LOAD 90 MPH

MEMBERS LIST

| | |
|---|---|
| 5"ϕC | = 3.5 lbs/ft x 1/2" x 20 GA. (COLD ROLLED) |
| UC | = 1.5" x 1/2" x 16 GA. (COLD ROLLED) |
| W 10.5 | = W 10 x 10.5 (HOT ROLLED STRUCTURAL) |
| TS 3 1/2" x 3 1/2" x 3/16" | = TUBE 3 1/2" x 3 1/2" x 3/16" (HOT ROLLED STRUCTURAL) |
| 5/16" CABLE | = 5/16" ϕ STRANDED STEEL CABLE |
| L 3 x 3 x 5/16" | = STEEL ANGLE 3" x 3" x 5/16" THICK |

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TWO BAY CLASSIFIED STORAGE SHED

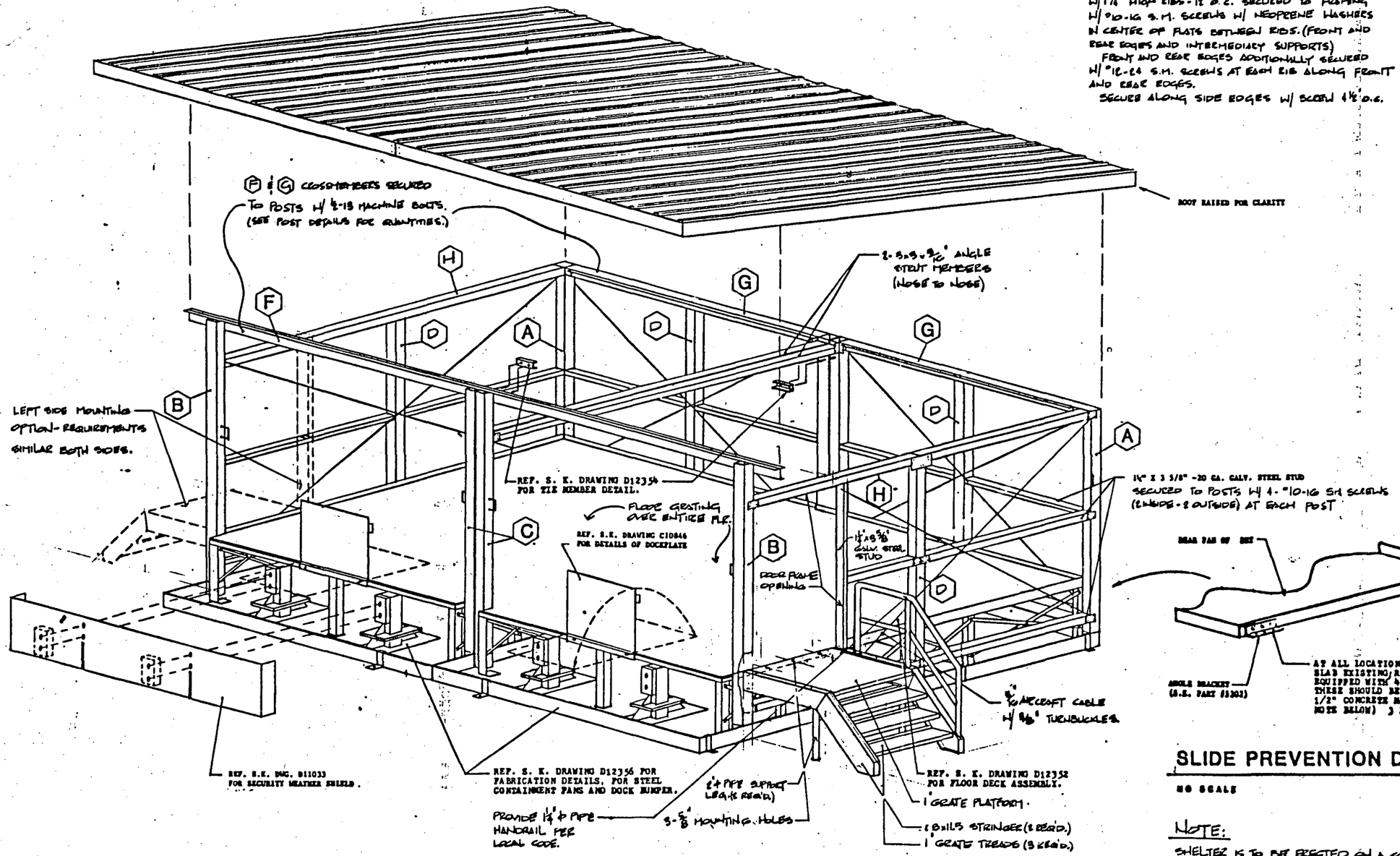
NOTED

DES BY

DRN BY

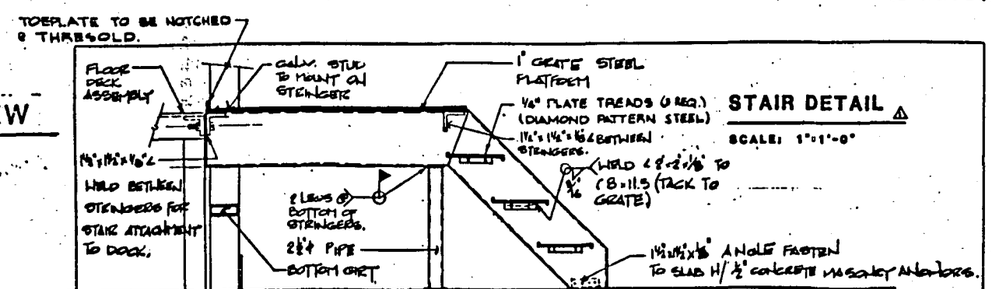
CHK'D

Exhibit I.E.3-9




## PICTORIAL VIEW

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




## STAIR DETAIL ⚠

SCALE: 1"=1'-0"




## SLIDE PREVENTION DETAIL (REAR)

NO SCALE

NOTE:

SHELTER IS TO BE ERECTED ON A CONCRETE SLAB, USING THE ANCHORING BRACKETS ALONG W/ HILTI FASTENING SYSTEMS INC. MOD NO. HHS SELF DRILLING MASONRY ANCHORS FOR 1/2-13 MACHINE BOLTS OR EQUIVALENT TO ANCHOR SHELTER TO CONC. SLAB. (TYP. 8 PLACES.)

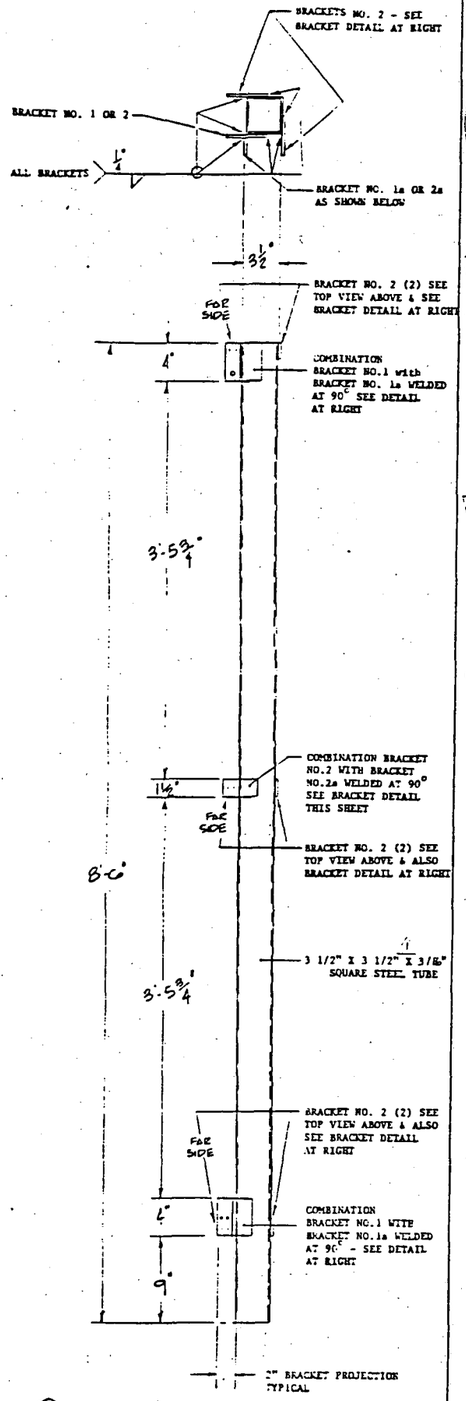
Exhibit I.E.3-9

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STORAGE SHELTER - CLASS 1B

| | | | |
|---|---|---|---|
| 1/2"=1'-0" | | | |
| 8/13/86 | ⚠ STAIR/DOOR ADDITION | BHF | |
| BHF | ⚠ REVISED NOTES | DLS | |

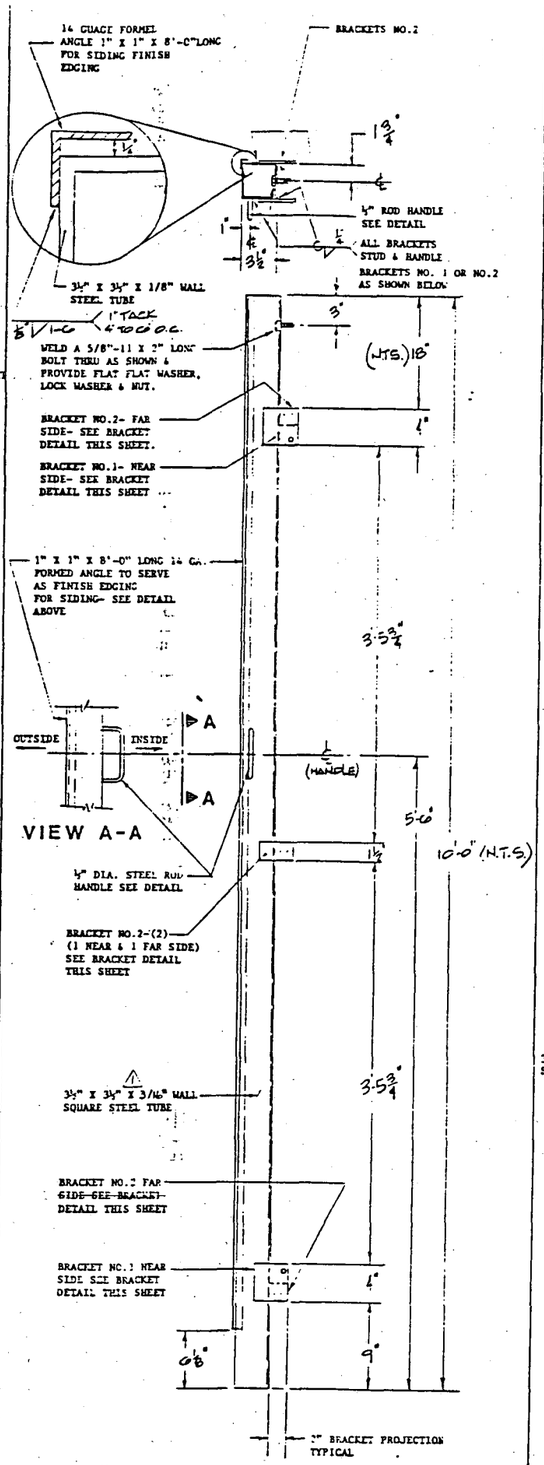
FOR SERVICE CENTER BRANCH: DWG A2




## (A) REAR CORNER POST

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

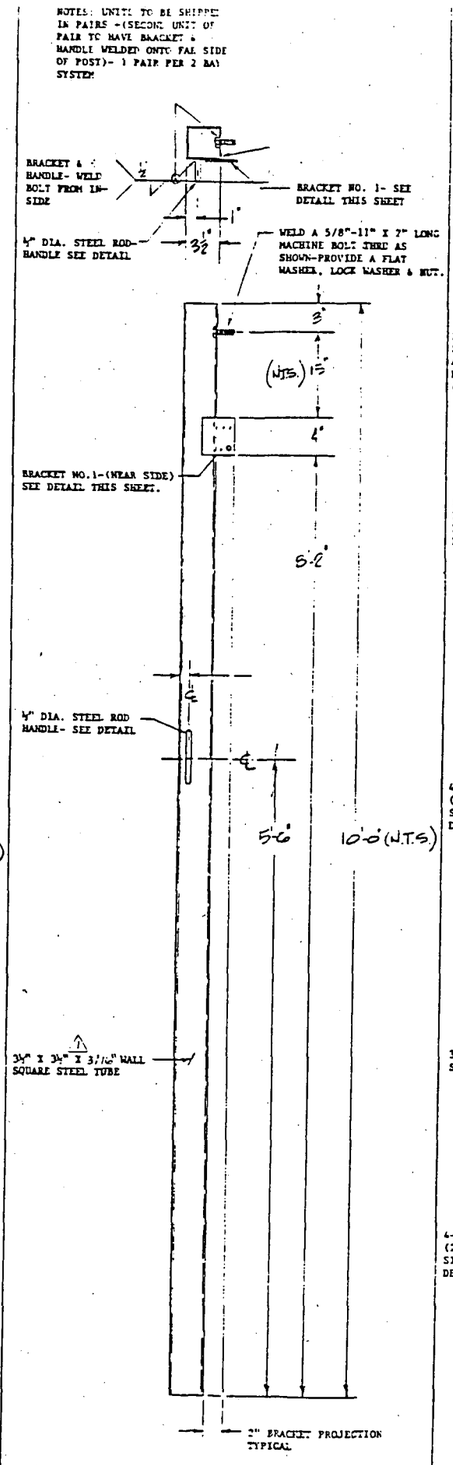
NOTES: 2 UNITS REQ'D - (MIRROR IMAGES)




## (B) FRONT POST

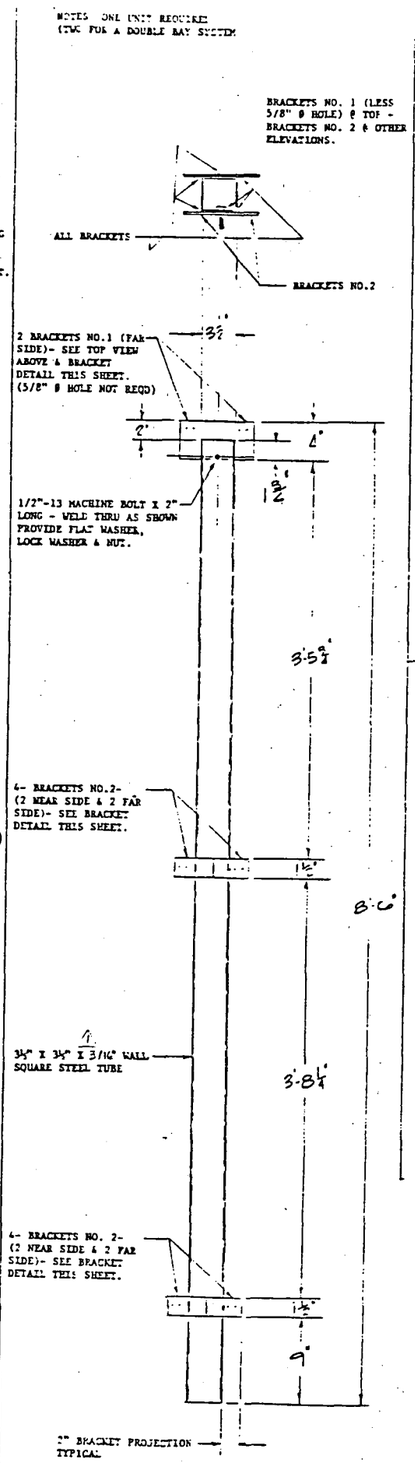
SCALE: 1-1/2"=1'-0"

NOTES: 2 UNITS REQ'D-(MIRROR IMAGES)



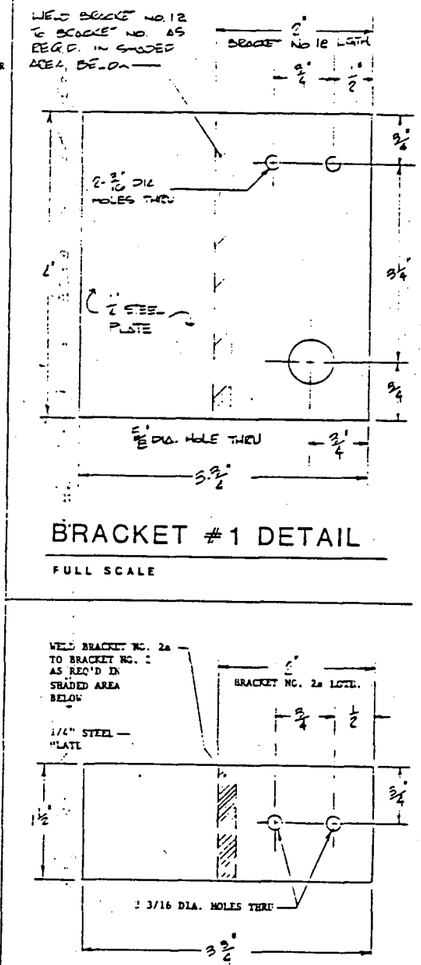

## (C) FRONT CENTER POST

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




## (D) CENTER POST

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




## BRACKET #1 DETAIL

FULL SCALE




## BRACKET #2 DETAIL

FULL SCALE

**Exhibit I.E.3-9**

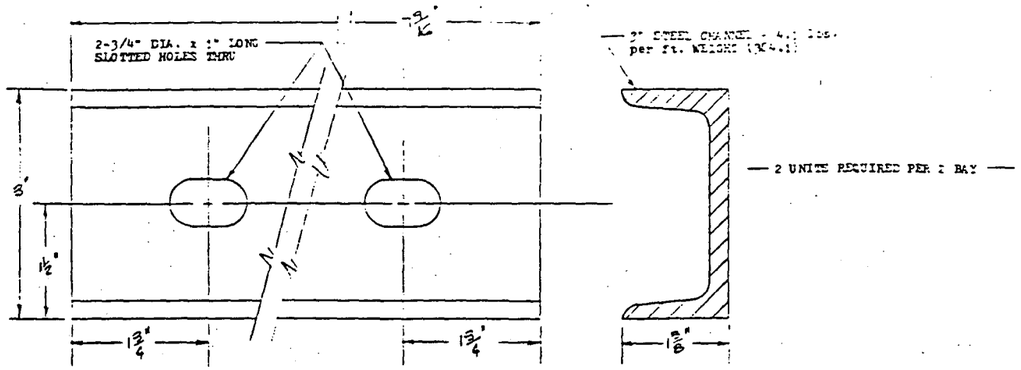
safety-kleen corp.

FABRICATION DETAILS FOR CLASS IB STORAGE SHELTER

AS NOTED

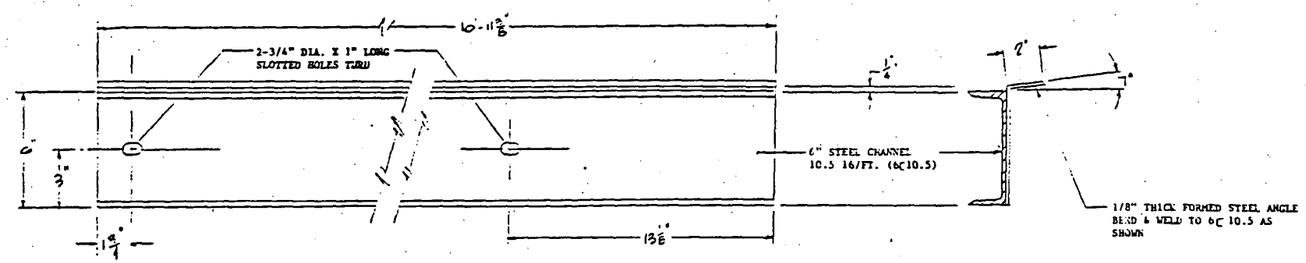
B-3/86

BME




TIE MEMBER DETAIL

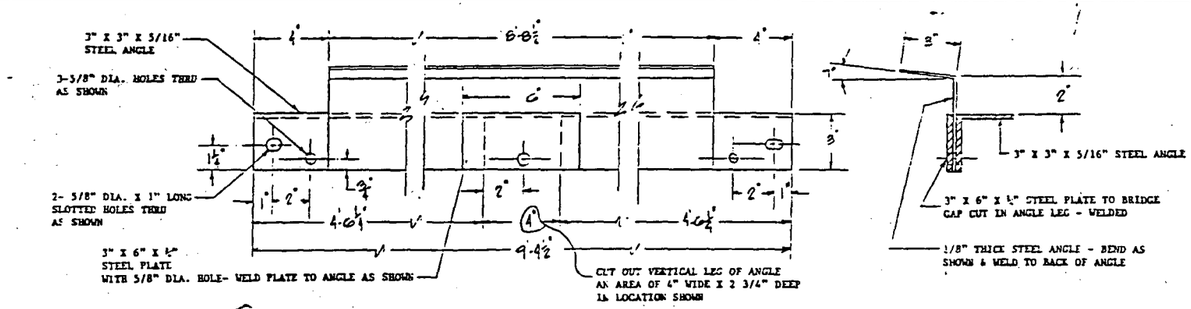
FULL SCALE




(F) 2-BAY END CHANNEL DETAIL

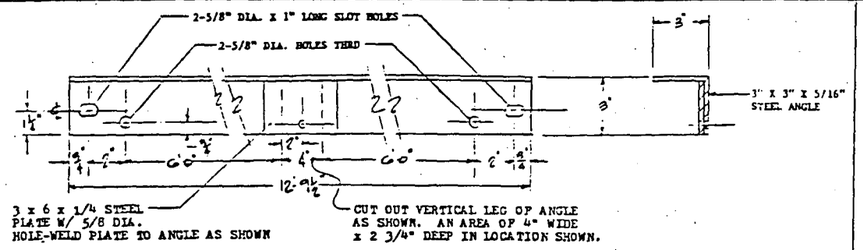
NOTE: (2 UNITS REQUIRED PER EACH 2 BAY SYSTEM- MIRROR IMAGES)

SCALE: 1/4"=1'-0"




(G) REAR ANGLE DETAIL

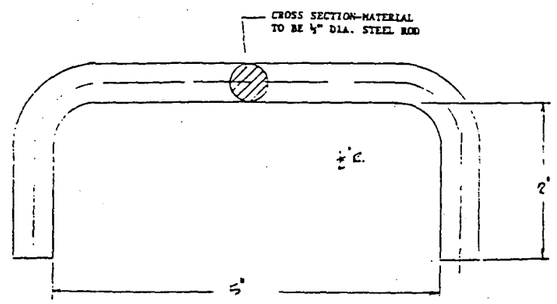
N.T.S.




(H) SIDE ANGLE DETAIL

N.T.S.

NOTE: FOUR UNITS REQ'D - (IDENTICAL)
DOUBLE BAY.




HANDLE DETAIL

FULL SCALE

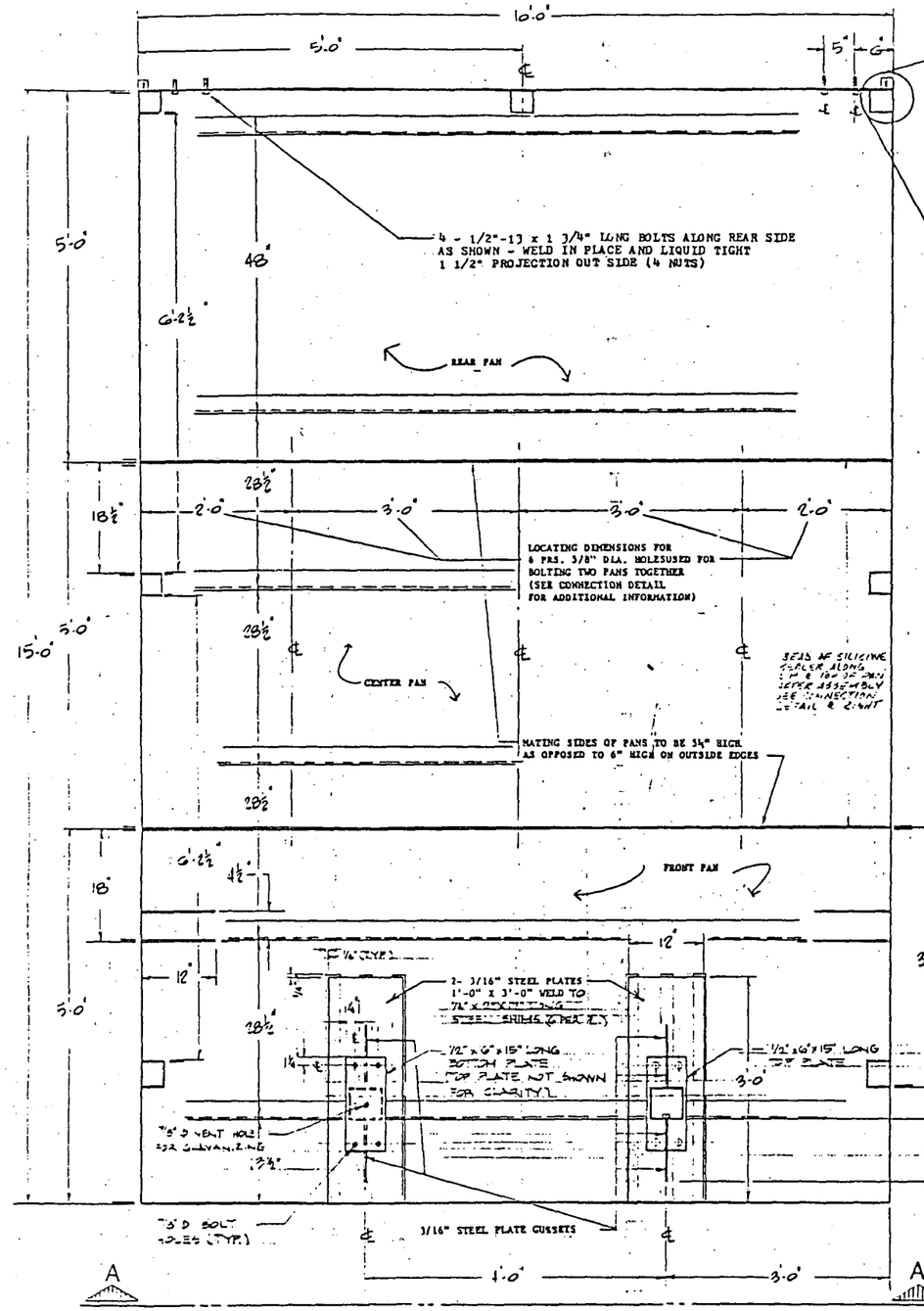
Exhibit I.E.3-9

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777 BIG TIMBER ROAD • ELGIN, ILLINOIS 60120

FABRICATION DETAILS FOR
CLASS IB STORAGE SHELTER

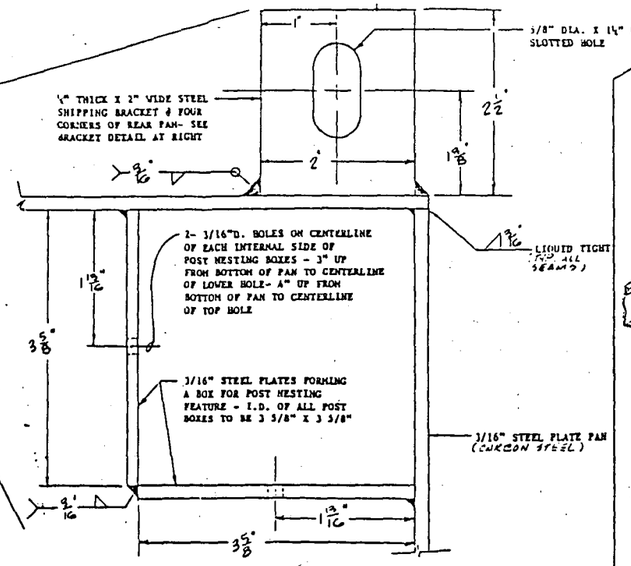
AS NOTED | 8-1-96

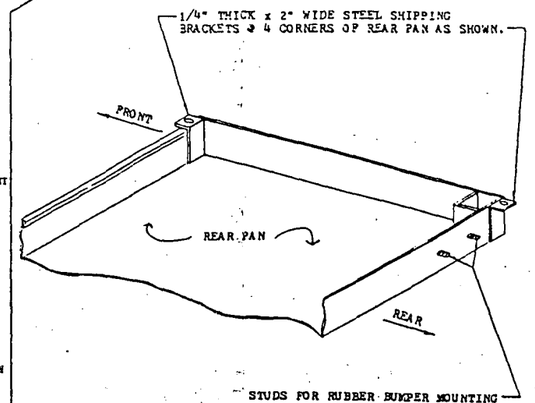
MTRG 90108




PLAN VIEW

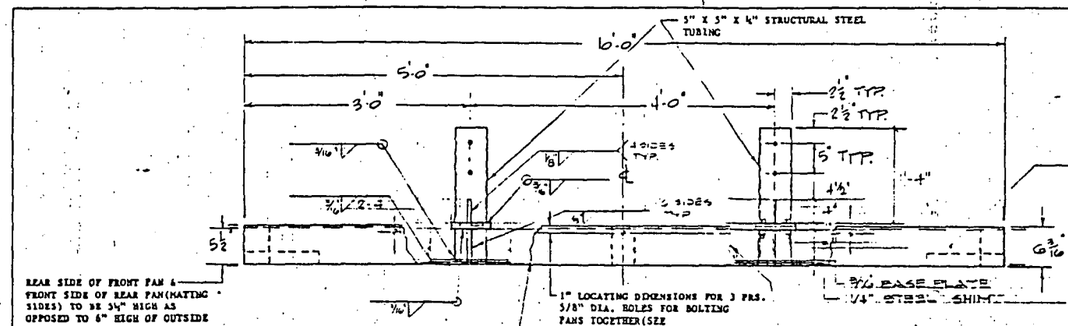
SCALE: 1"=1'-0"




BRACKET DETAIL

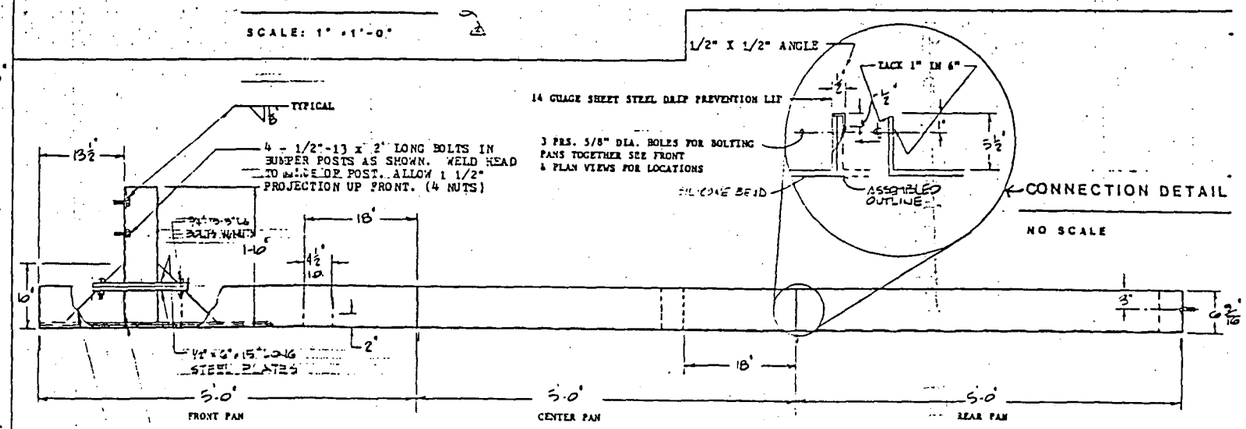
NO SCALE




VIEW A-A

SCALE: 1"=1'-0"

NOTE:
ALL PANS TO BE PRIMED & PAINTED BLACK WITH A RUST PREVENTATIVE.

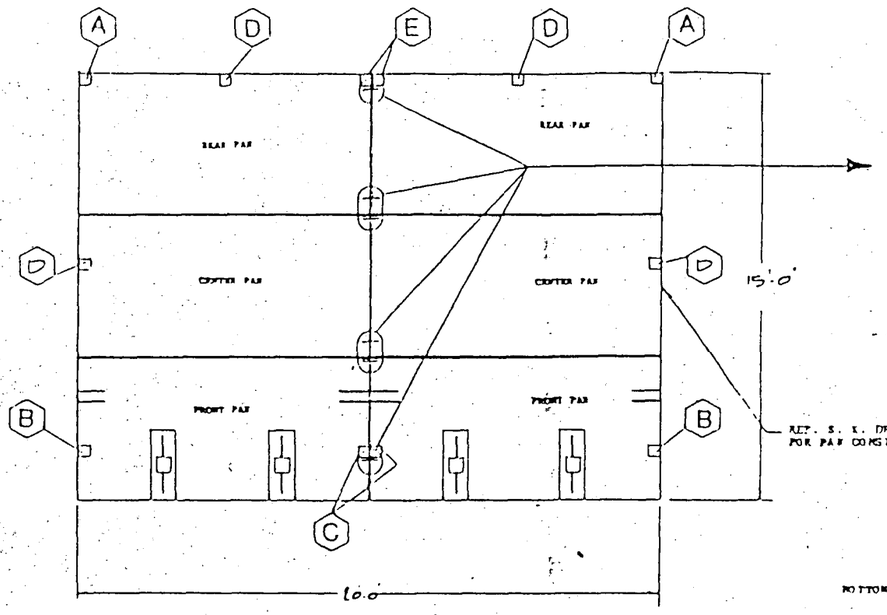



SIDE VIEW

SCALE: 1"=1'-0"

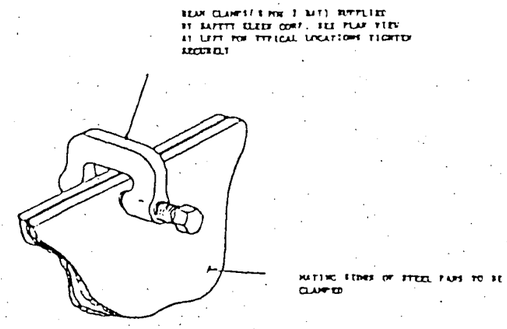
Exhibit I.E.3-9

safety-kleen corp.



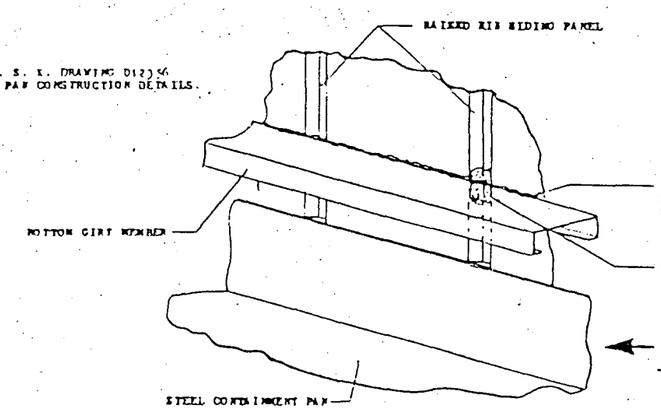

## PLAN VIEW / PAN ARRANGEMENT

SCALE: 3/8"=1'0"




## CLAMP DETAIL

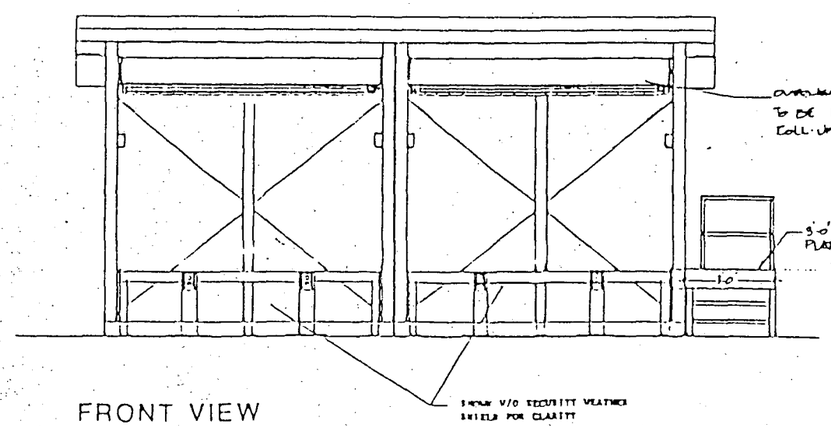
NO SCALE




## SEALING DETAIL

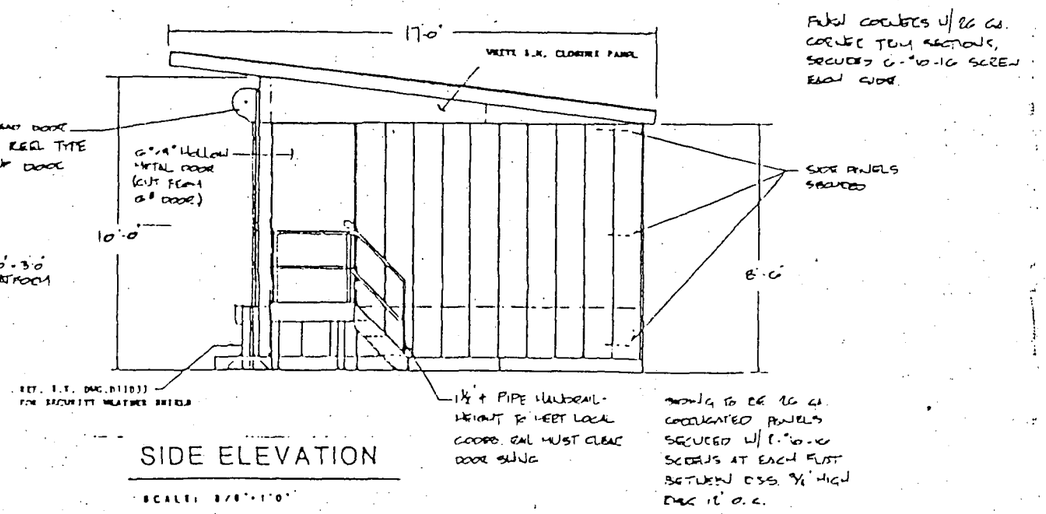
NO SCALE

- (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"




## SIDE ELEVATION

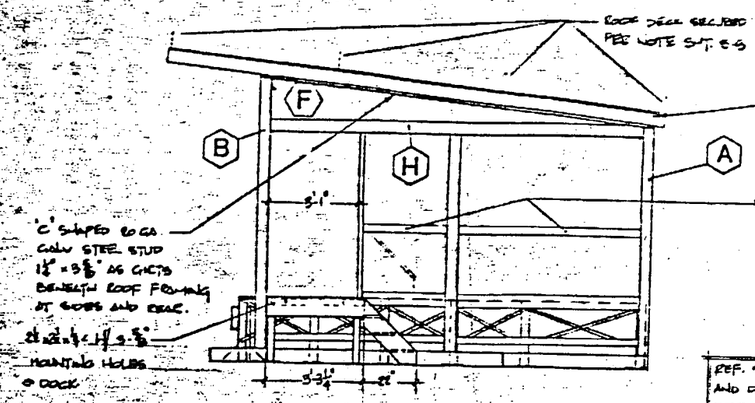
SCALE: 3/8"=1'0"

FOAM CLOSURES W/ 26 GA. CORRUGATED TRIM SECTIONS, SECURED 1"-10-16 SCREWS EACH SIDE.

**Exhibit I.E.3-9**

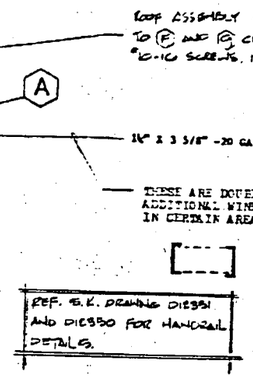
STORAGE SHELTER - CLASS

ERECTION DRAWING



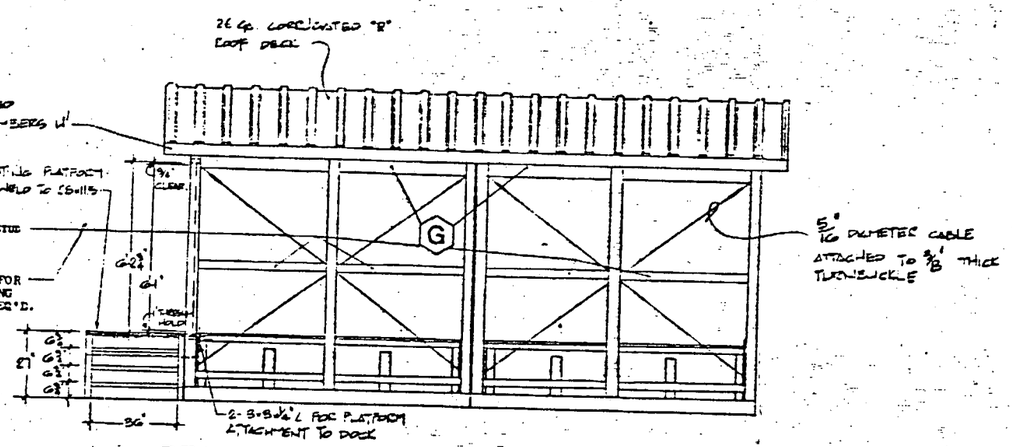

## R. SIDE STRUCTURAL

SCALE: 3/8"=1'-0"



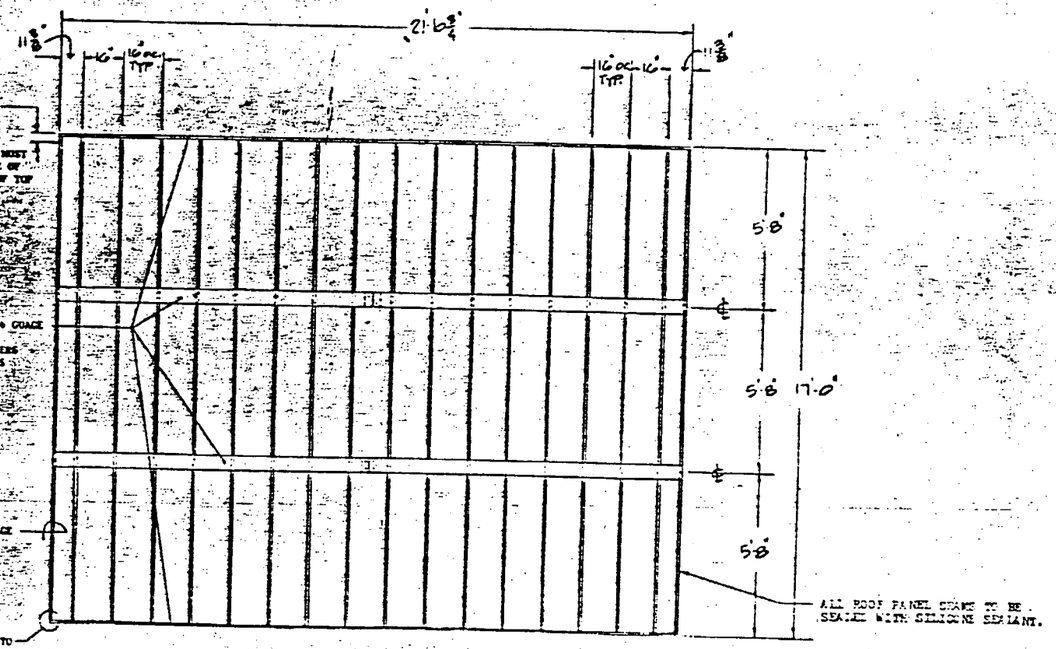







## REAR VIEW STRUCTURAL

SCALE: 3/8"=1'-0"




## ROOF / FRAMING PLAN

SCALE: 3/8"=1'-0"

STRUCTURAL DESIGN LOADS FOR PRIMARY AND SECONDARY FRAMING MEMBERS:

Floor Framing: Allowable live load = 200 PSF
Roof Framing: Allowable live load = 50 PSF *
Wind Loading: Allowable load = 20 PSF

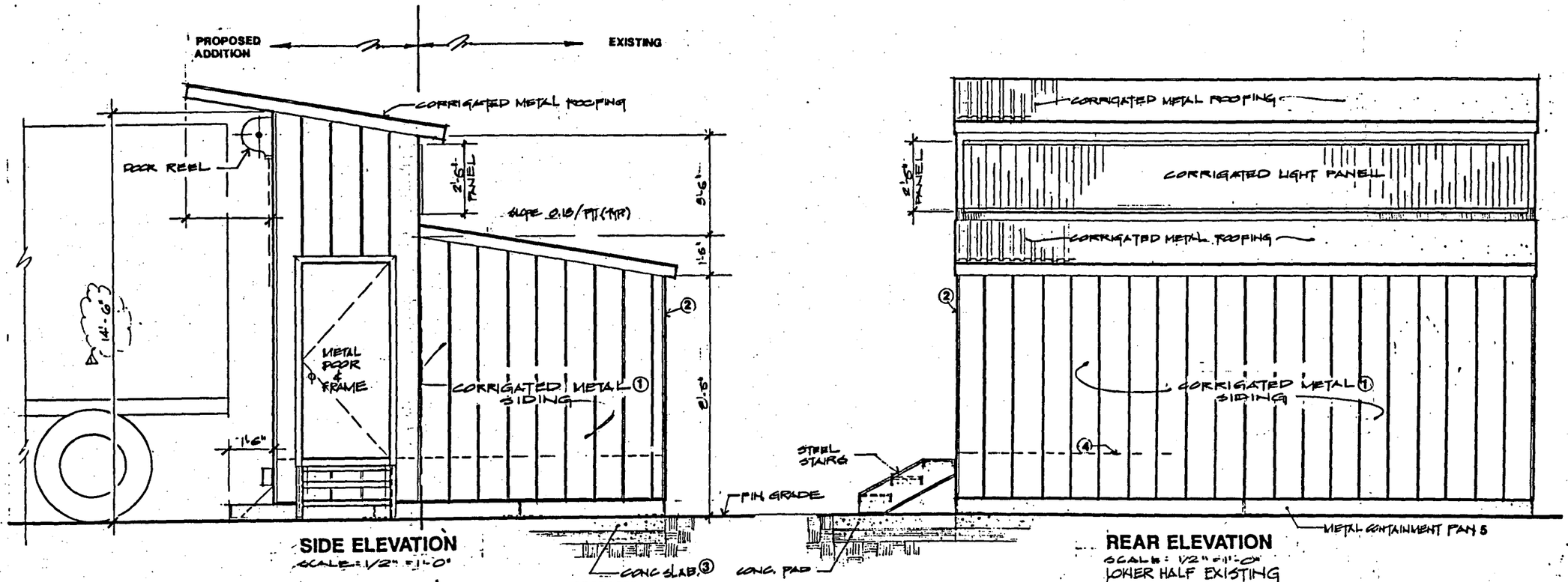
Assumptions above were based on the use of A36 (Fy = 36KSI) for hot rolled members and A50 (Fy = 50KSI) for cold rollec members.

* BASED ON INFORMATION FURNISHED BY METAL ART STUD INC. & "ASC-OMEGA" OF TEXAS

Exhibit I.E.3-9

Barton-Aschman Corp.

STORAGE SHELTER - CLASS I

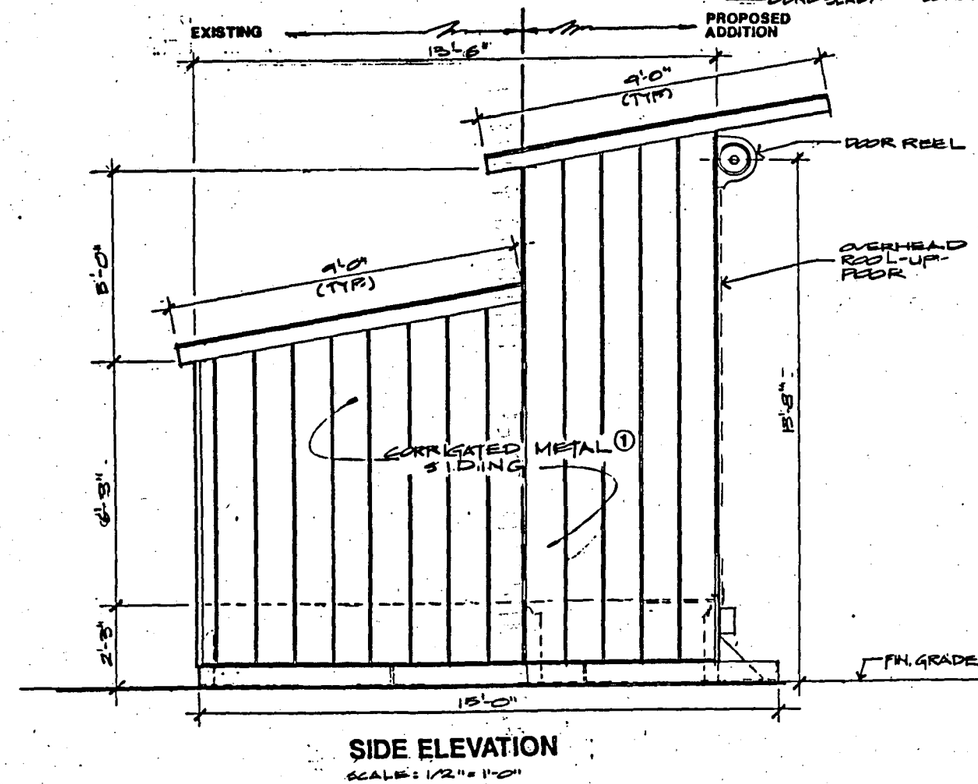



**SIDE ELEVATION**
SCALE: 1/2" = 1'-0"

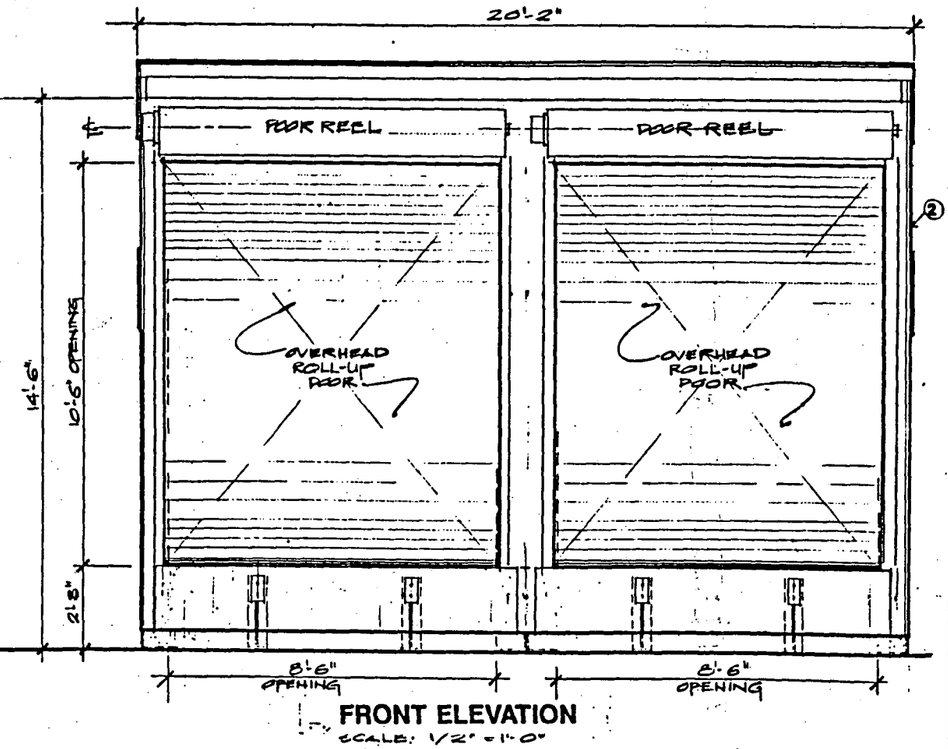
**REAR ELEVATION**
SCALE: 1/2" = 1'-0"
LOWER HALF EXISTING

## GENERAL NOTES

1. 26 GA. STEEL RAISED RIB PANELS (37¾" WIDE) W/ 1¼" HIGH RIBS @ 12" O.C. SECURED TO FRAMING W/ #10-6 S.M. SCREWS W/ NEOPRENE WASHERS IN CENTER OF FLATS BETWEEN RIBS (FRONT AND REAR EDGES AND INTERMEDIARY SUPPORTS.)
2. FRONT AND REAR EDGES ADDITIONALLY SECURED W/ #12-24 S.M. SCREWS AT EACH RIB ALONG FRONT AND REAR EDGES. SECURE ALONG SIDE EDGES W/ SCREW @ 1½" O.C.
3. SHELTER IS TO BE ERECTED ON A CONCRETE SLAB. USING THE ANCHORING BRACKETS ALONG W/ HILTI FASTENING SYSTEMS INC. MOD NO. HHS SELF DRILLING MASONRY ANCHORS FOR ½-13 U.N.C. BOLTS OR EQUIVALENT TO ANCHOR. SHELTER TO CONCRETE SLAB (TYP. 8 PLC'S)
4. FLOOR GRATING OVER ENTIRE FLOOR, SEE REF. S-K DWG D 12352 FOR DECK ASSEMBLY.
5. FOR STEEL CONTAINMENT PAN AND DOCK BUMPER. SEE REF. S-K DWG D12356 FOR FABRICATION DETAILS.




**SIDE ELEVATION**
SCALE: 1/2" = 1'-0"



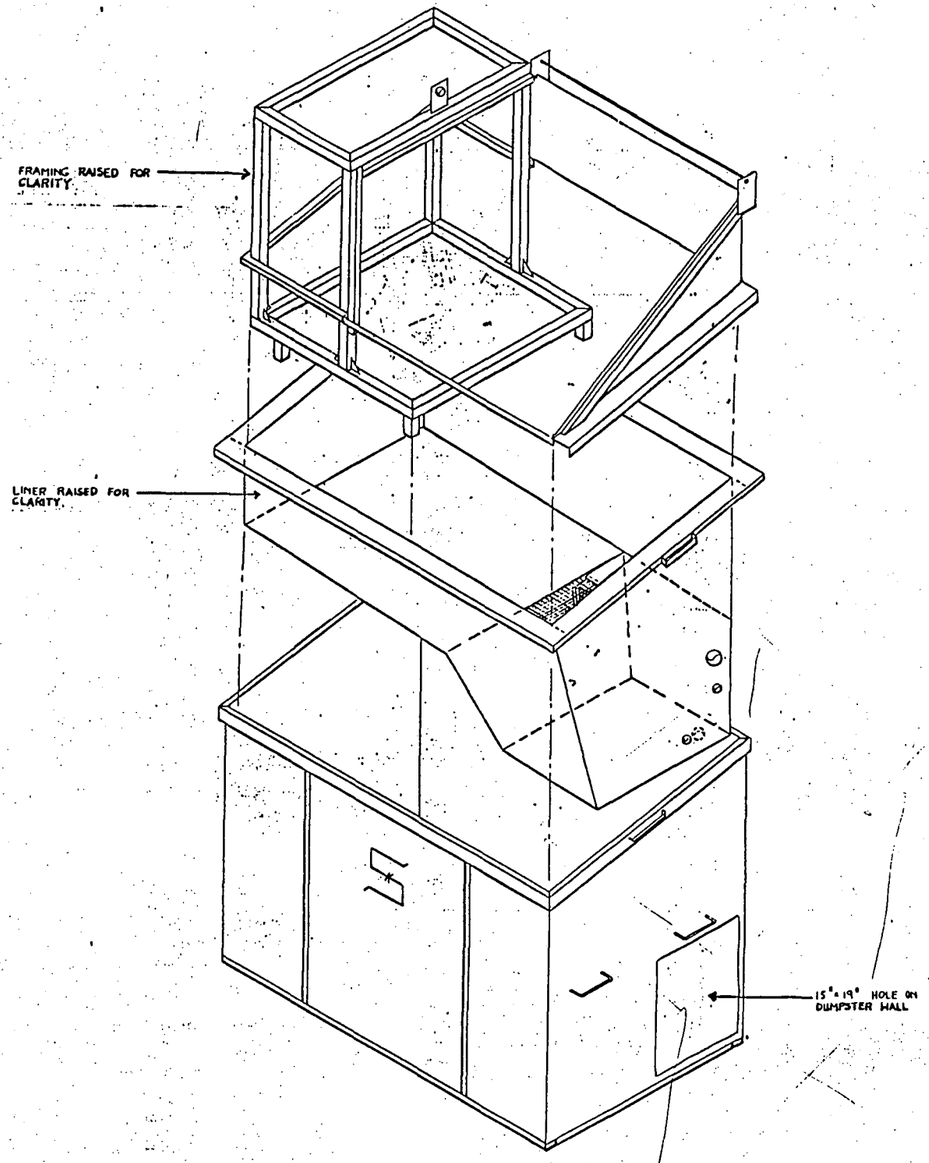

**FRONT ELEVATION**
SCALE: 1/2" = 1'-0"
PROPOSED ADDITION

Exhibit I.E.3-9

Safety-Kleen Corp.
777 BIG TIMBER ROAD ELGIN, ILLINOIS 60123 PHONE 312/697-8460

**FLAMMABLE STORAGE SHELTER**
**FORWARD ADDITION**

| | | | |
|---|---|---|---|
| SCALE 1/2" = 1'-0" | | BY | DATE |
| DATE 5/6/88 | ⚠ CORRECTED DIMENSION | DS | 9-27 |
| DWG NO. | | | |




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**Exhibit I.E.3-11**

| NO | DESCRIPTION | BY | CHK | APPR | DATE |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

REVISIONS

TITLE: DRUM WASHER - ASSEMBLY

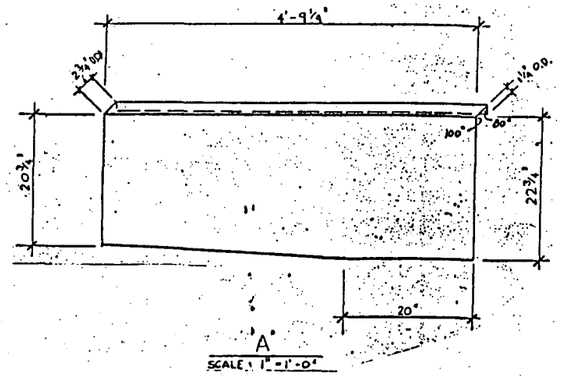
SAFETY-KLEEN CORP.
777 BIG TIMBER ROAD • ELGIN, ILLINOIS 60123 PHONE 708/697-8460

| SCALE | DRAWN | CHECKED | ENGINEERING APPR | OPERATION APPR | DATE |
|---|---|---|---|---|---|
| N.T.S. | A.L.I | | | | 1-19-90 |

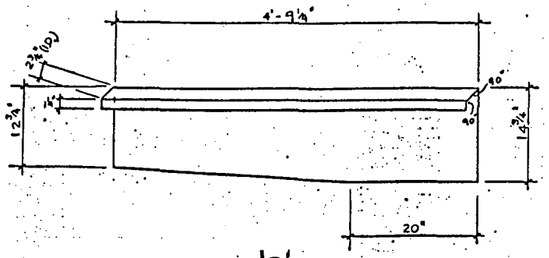
STANDARDS

DRAWING NO: STD. 1000-00

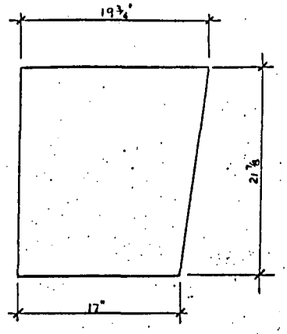
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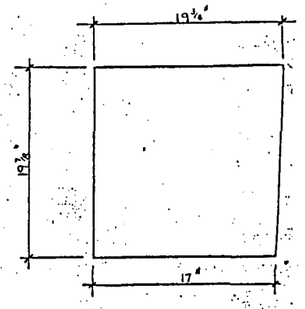

"A"
SCALE: 1" = 1'-0"



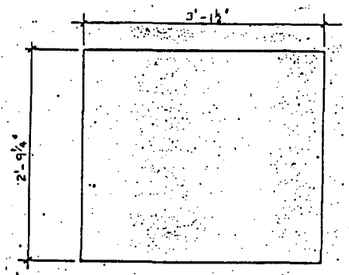

"B"
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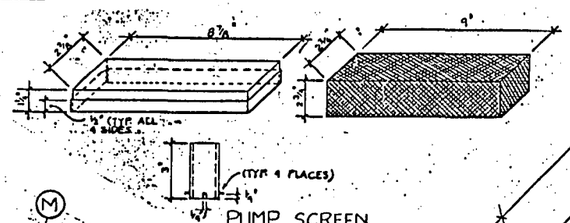

"C"
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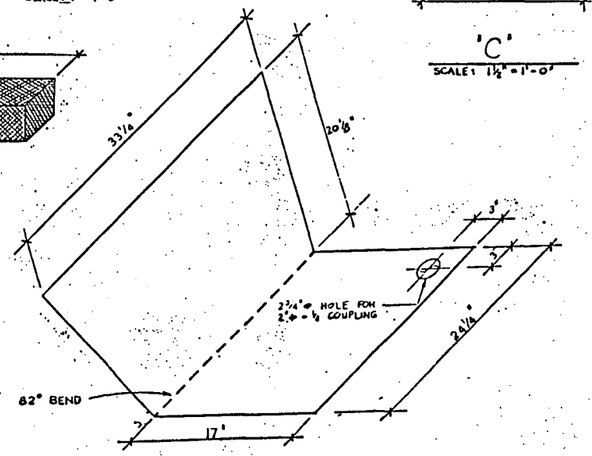

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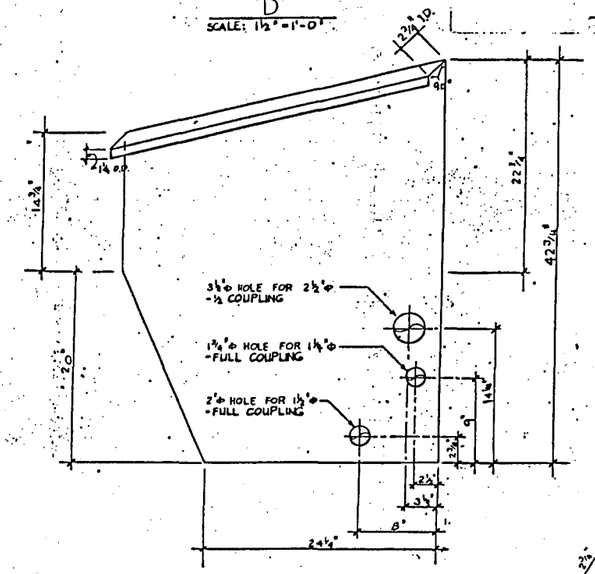

"G"
SCALE: 1" = 1'-0"



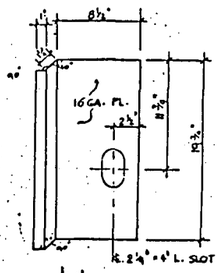

PUMP SCREEN
SCALE: 3" = 1'-0"



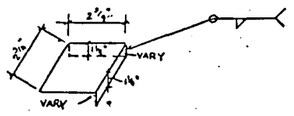

"E"
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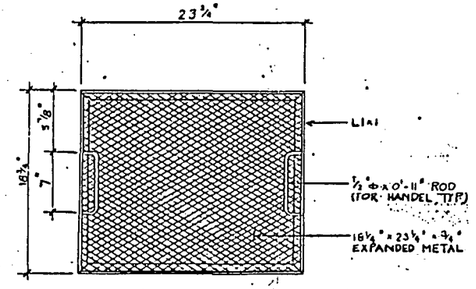

"F"
SCALE: 1½" = 1'-0"



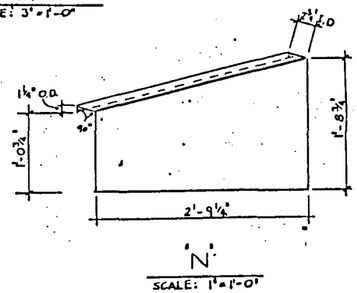

"H"
SCALE: 1½" = 1'-0"



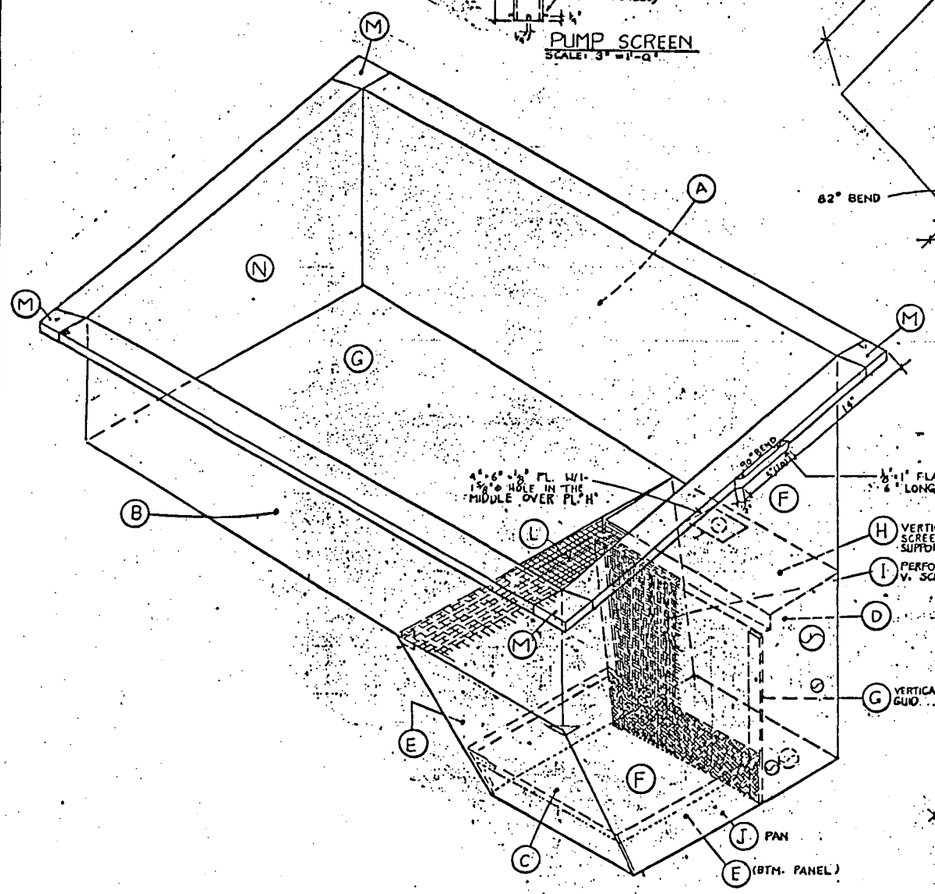

"M"
SCALE: 3" = 1'-0"




"L"
SCALE: 1½" = 1'-0"

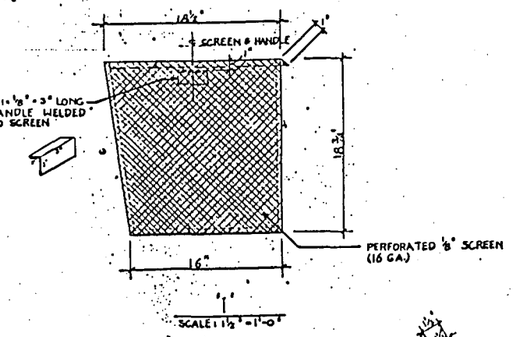



"N"
SCALE: 1" = 1'-0"

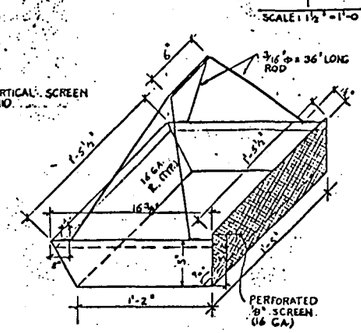



PICTORIAL - DUMPSTER LINER
SCALE: 1½" = 1'-0"

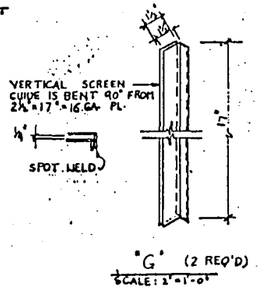
NOTE: ALL MATERIALS ARE ⅛" THK. H/R. STEEL PL.




"I"
SCALE: 1½" = 1'-0"




"J"
SCALE: 1½" = 1'-0"




"G" (2 REQ'D)
SCALE: 2" = 1'-0"

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| NO | DESCRIPTION | BY | CHK | APPR | DATE |
|---|---|---|---|---|---|

REVISIONS

TITLE: DRUM WASHER - SCREENS & FILTERS

SAFETY-KLEEN CORP.
777 BIG TIMBER ROAD • ELGIN, ILLINOIS 60123 PHONE 708/697-8460

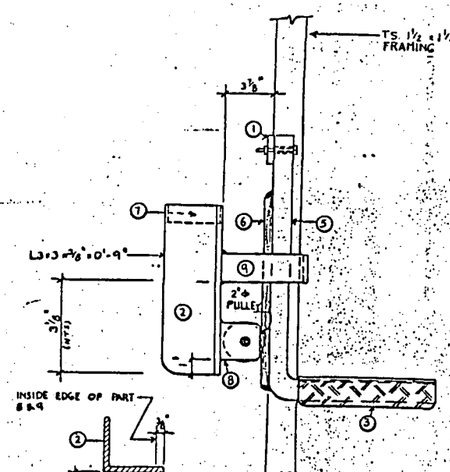
| SCALE | DRAWN | CHECKED | ENGINEERING APPR | OPERATION APPR | DATE |
|---|---|---|---|---|---|
| AS NOTED | A.L.I. | | | | 1-19-90 |

STANDARDS

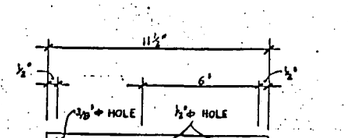
DRAWING NO: STD. 1001-00

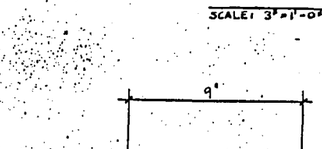
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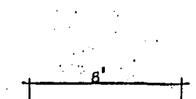



'1'
SCALE: 3"=1'-0"



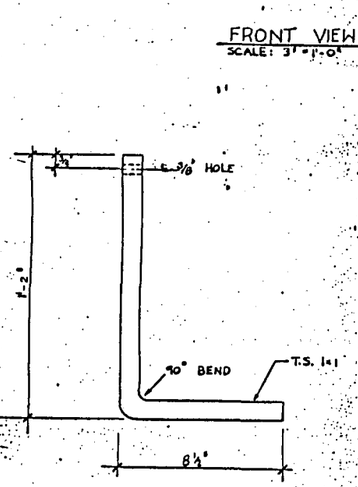




'2'
SCALE: 3"=1'-0"




'3'
SCALE: 3"=1'-0"

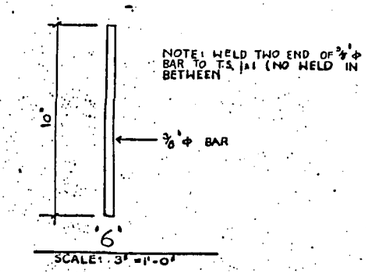
FRONT VIEW
SCALE: 3"=1'-0"



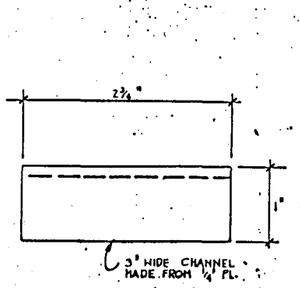

'5'
SCALE: 3"=1'-0"



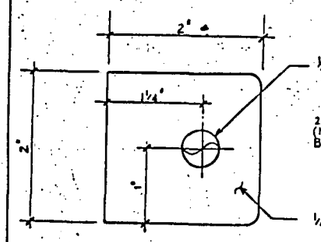

'4'
SCALE: 1½"=1'-0"



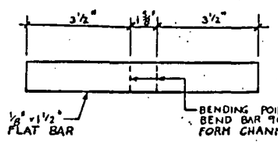

'6'
SCALE: 3"=1'-0"




'7'
SCALE: .12"=1'-0"




'8'
SCALE: 12"=1'-0"

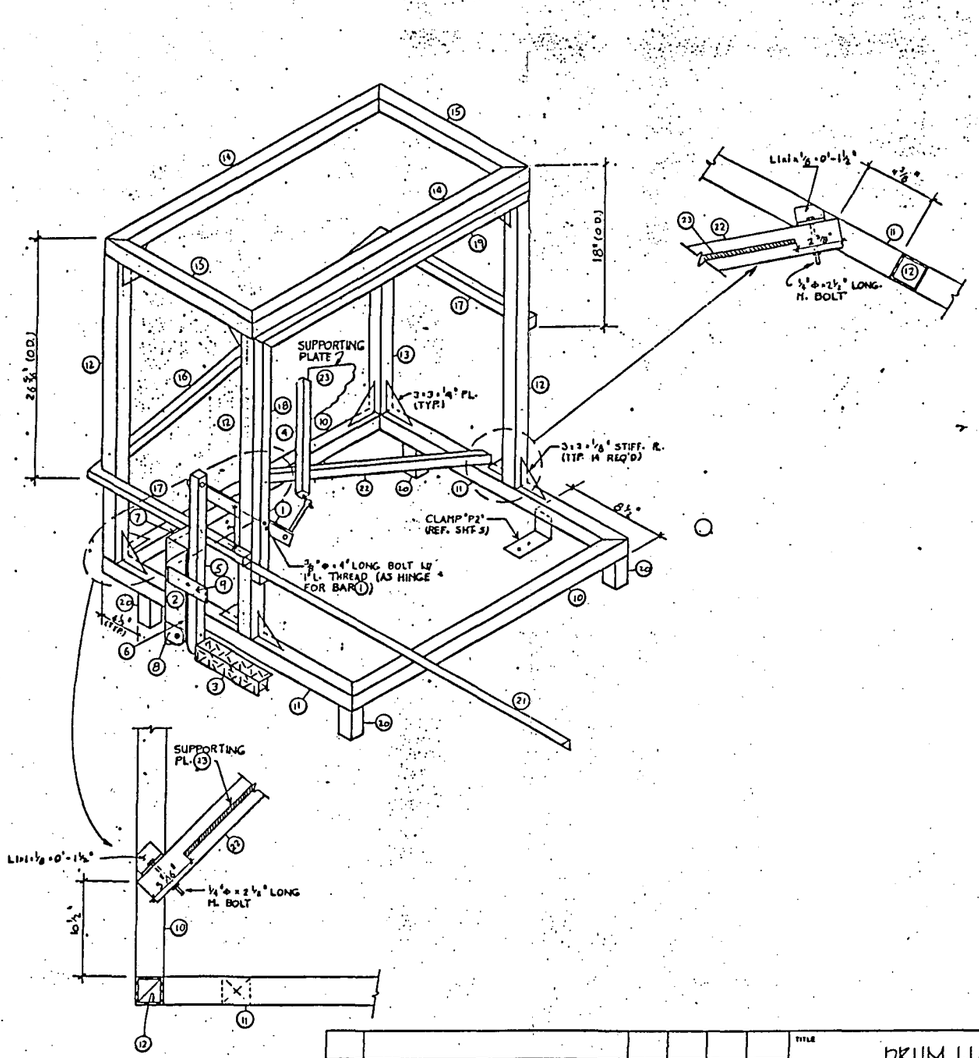



NOTE: TO FABRICATE THIS PART FIRST BEND ⅛"x1½"x12" LONG FLAT BAR, THEN THEN TRIM LEGS TO 3½"

'9'
SCALE: 3"=1'-0"

# FOOT PEDAL ASSEMBLY & DETAILS

| MEMBER | NO. REQ'D | TYPE | LENGTH | CUT 1 | CUT 2 |
|---|---|---|---|---|---|
| ⑩ | 2 | T.S. 1½ x 1½ | 32⅜" | 45° | 45° |
| ⑪ | 2 | | 29⅜" | 45° | 45° |
| ⑨ | 3 | | 32½" | 90° | 90° |
| ⑤ | 1 | | 16¾" | 90° | 90° |
| ④ | 2 | | 33" | 45° | 45° |
| ⑥ | 2 | | 18" | 45° | 45° |
| ④ | 1 | T.S. 1x1 | 35⅜" | 45° | 45° |
| ⑰ | 2 | | 19" | 45° | 90° |
| ⑯ | 1 | | 26¼" | 45° | 90° |
| ⑮ | 1 | | 31¼" | 45° | 90° |
| ㉒ | 4 | T.S. 1¼ x 1¼ | 3" | 90° | 90° |
| ㉓ | 1 | L 1x1 | 39½" | 90° | 90° |
| ㉑ | 1 | T.S. 1x1 | 24" | 90° | 90° |




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|---|---|---|---|---|---|
| | REVISIONS | | | | |

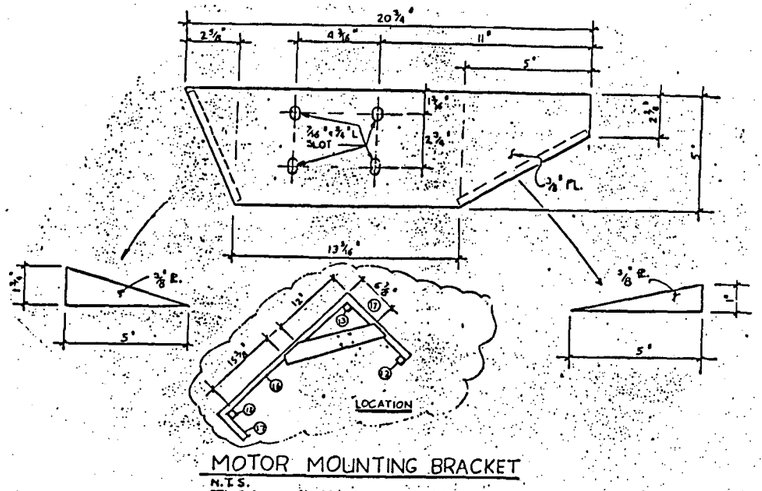
TITLE: DRUM WASHER - FOOT PEDAL ASSEMBLY

SAFETY-KLEEN CORP.
777 BIG TIMBER ROAD • ELGIN, ILLINOIS 60123 PHONE 708/697-8460

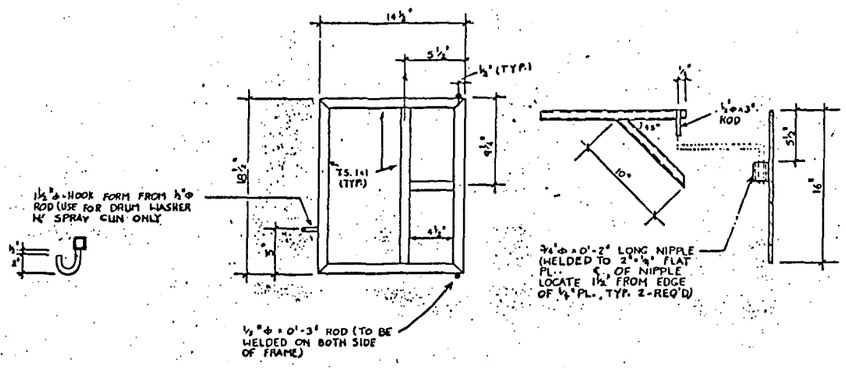
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| AS NOTED | A.L.I. | | | | 1-19-90 |

STANDARDS

DRAWING NO: STD. 1002-00

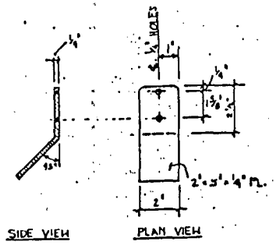



MOTOR MOUNTING BRACKET
N.T.S.



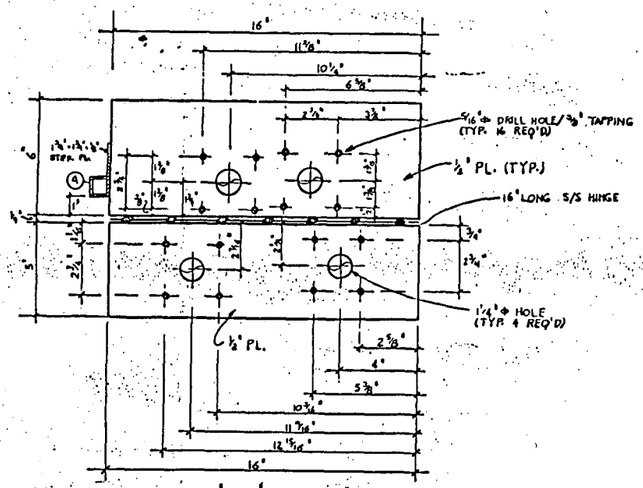

PLAN VIEW

ELEVATION

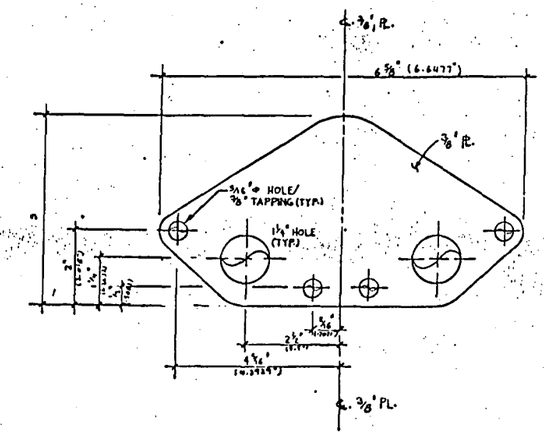



'29' BRACKET
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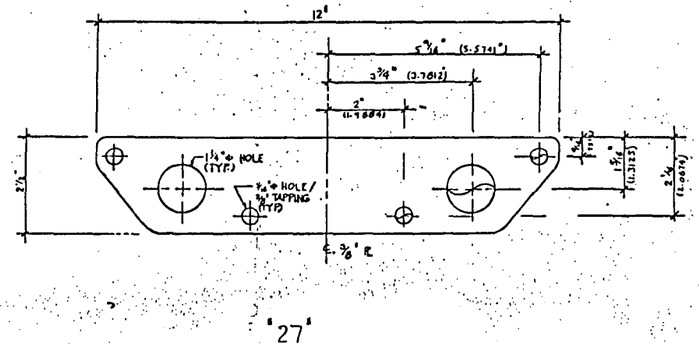
BARREL WASHER RACK
SCALE: 1 1/2" = 1'-0"



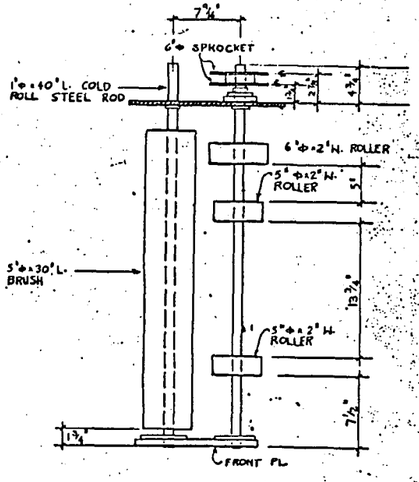

'23'
SCALE: 3" = 1'-0"



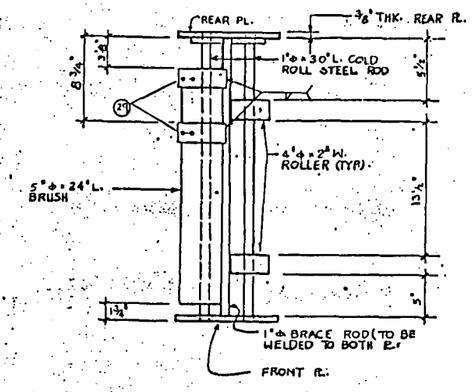

'26'
SCALE: 6" = 1'-0"




'27'
SCALE: 6" = 1'-0"

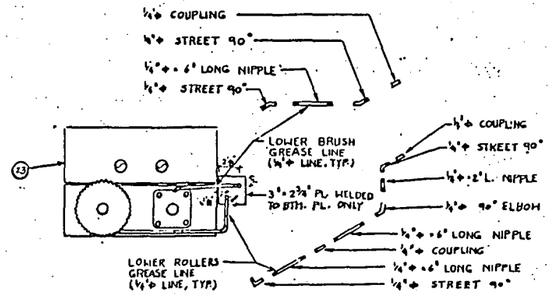



BTM. ASSEMBLY

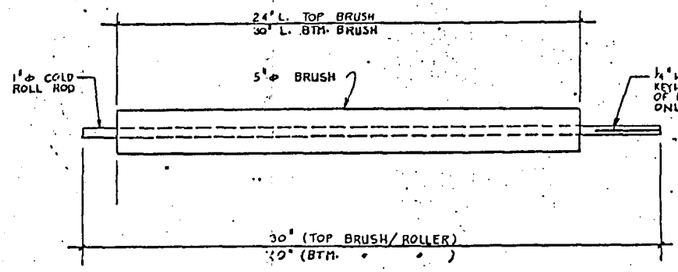



TOP ASSEMBLY

ROLLER/BRUSH ASSEMBLY
SCALE: 1 1/2" = 1'-0"




ROLLER/BRUSH GREASE LINE




'28'
SCALE: 3" = 1'-0"

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|---|---|---|---|---|---|
| | REVISIONS | | | | |

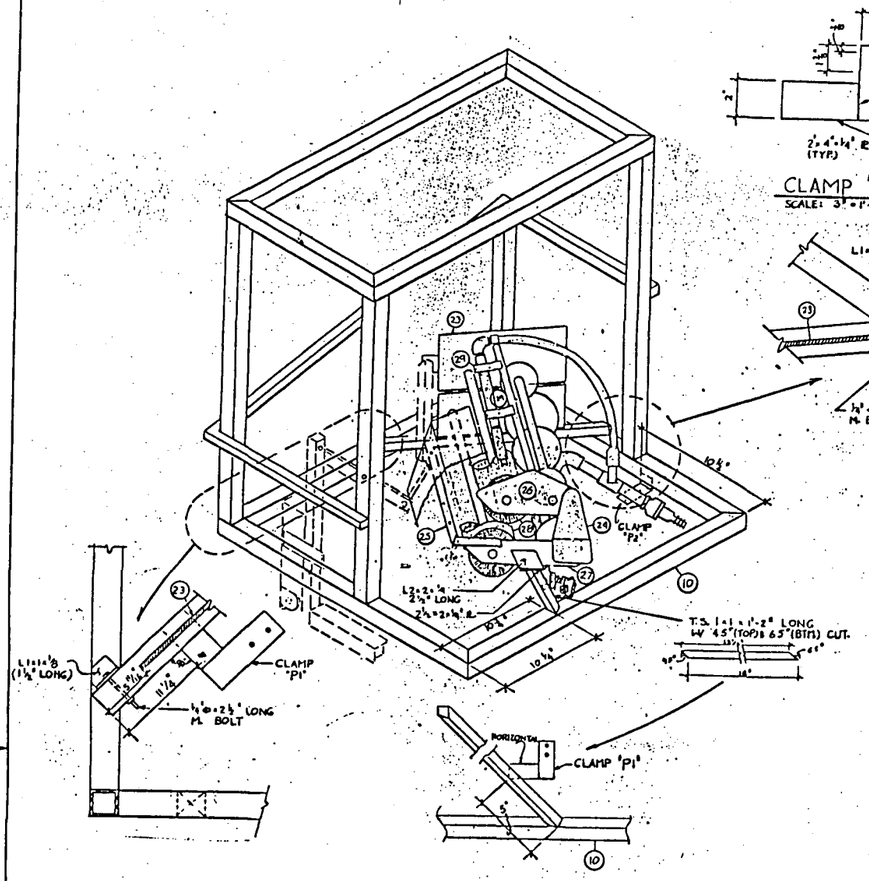
TITLE: DRUM WASHER - ROLLER/BRUSH & MISC. DETAILS

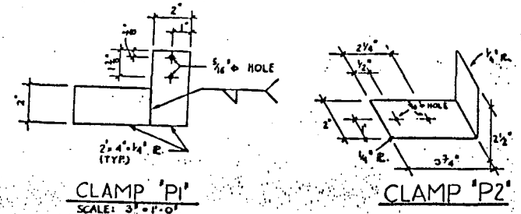
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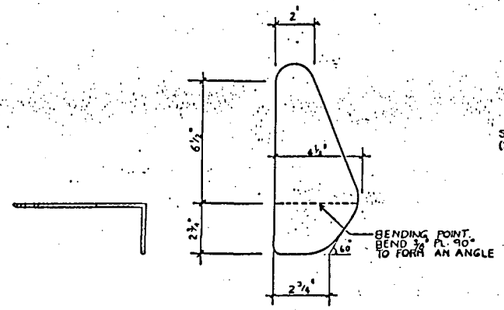
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| AS NOTED | A.L.I. | | | | 1-19- |

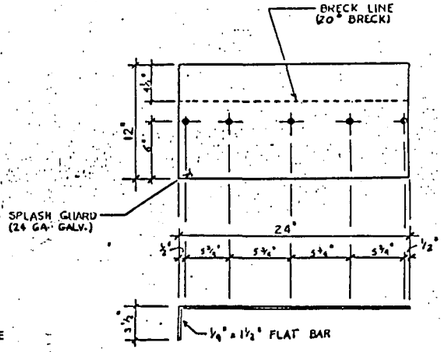
STANDARDS

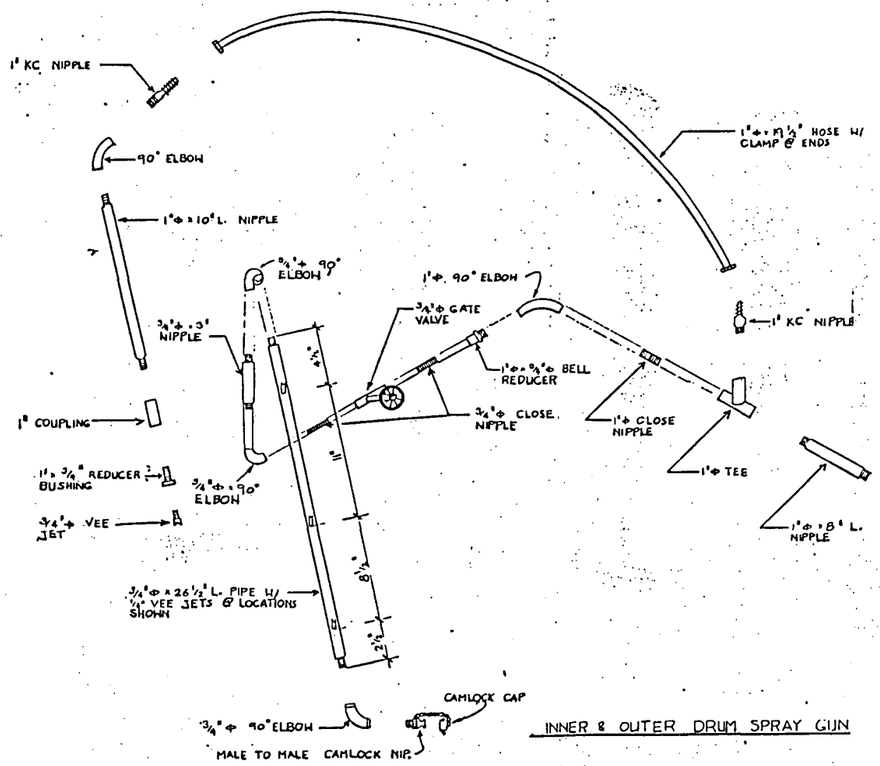
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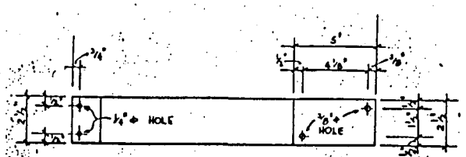


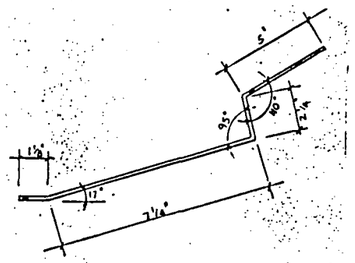



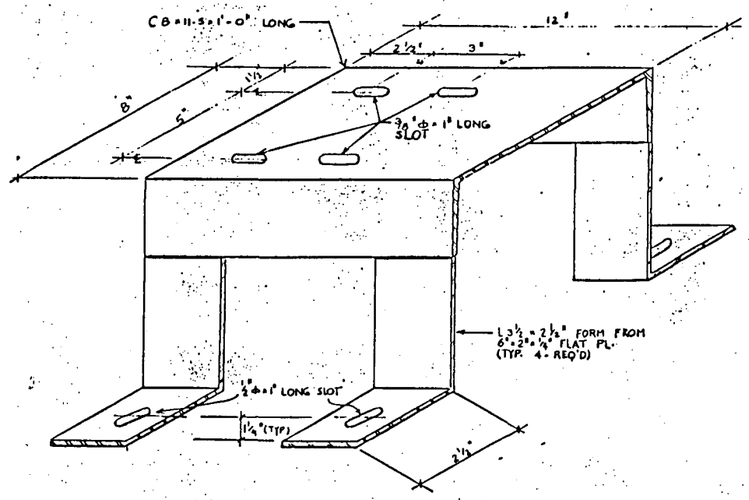




LIMIT SWITCH BRACKET
SCALE: 3"=1'-0"




MARLOW PUMP STAND

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| NO | DESCRIPTION | BY | CHK | APPR | DATE |
|---|---|---|---|---|---|
| | REVISIONS | | | | |

TITLE: DRUM WASHER - DRUM SPRAY GUN & MISC. DETAILS

SAFETY-KLEEN CORP.
777 BIG TIMBER ROAD • ELGIN, ILLINOIS 60123 PHONE 708/697-8460

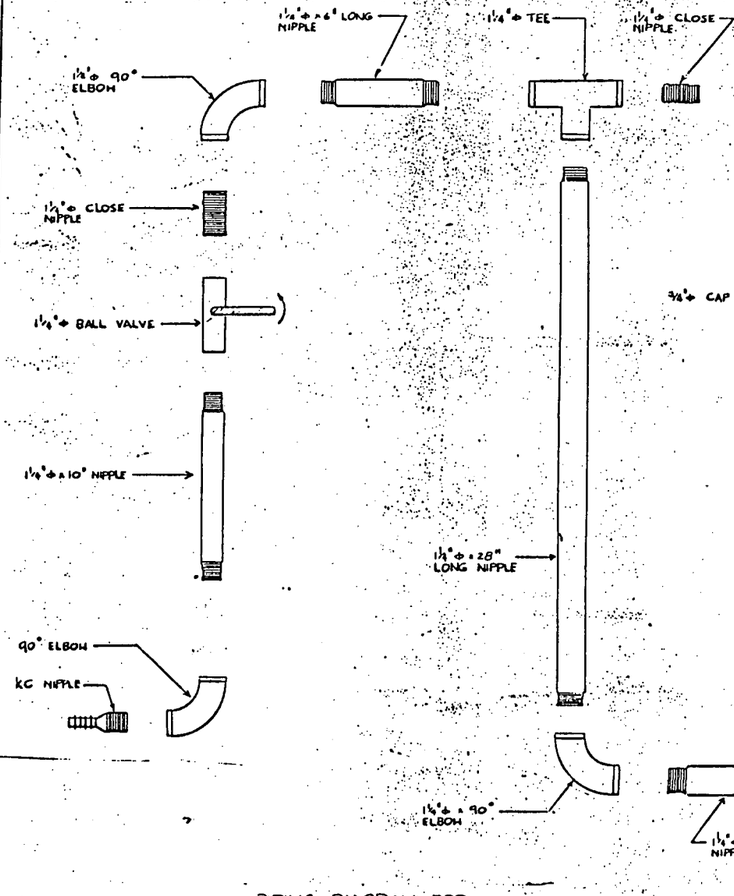
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|---|---|---|---|---|---|
| AS NOTED | A.L.I. | | | | 1-19-94 |

STANDARDS

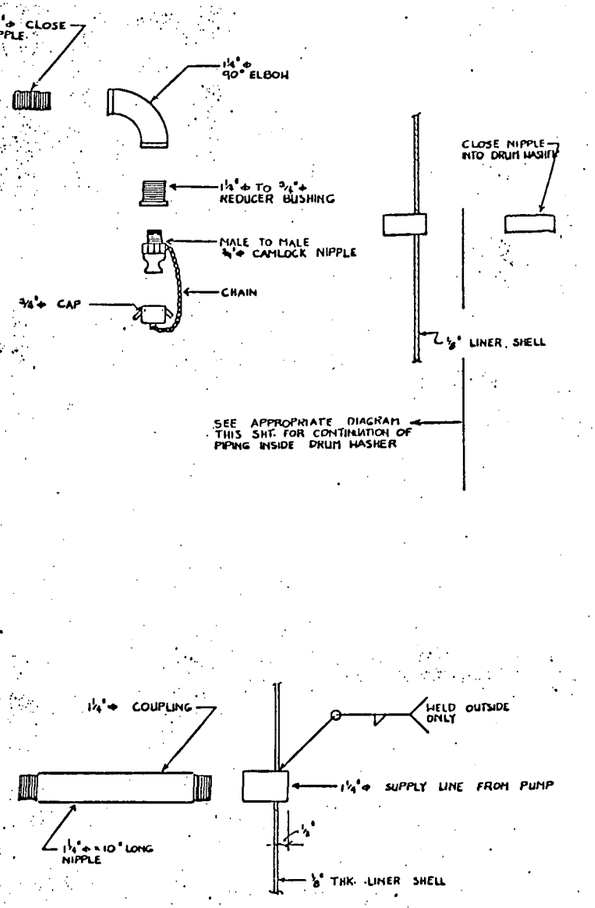
DRAWING NO: STD. 1004-00

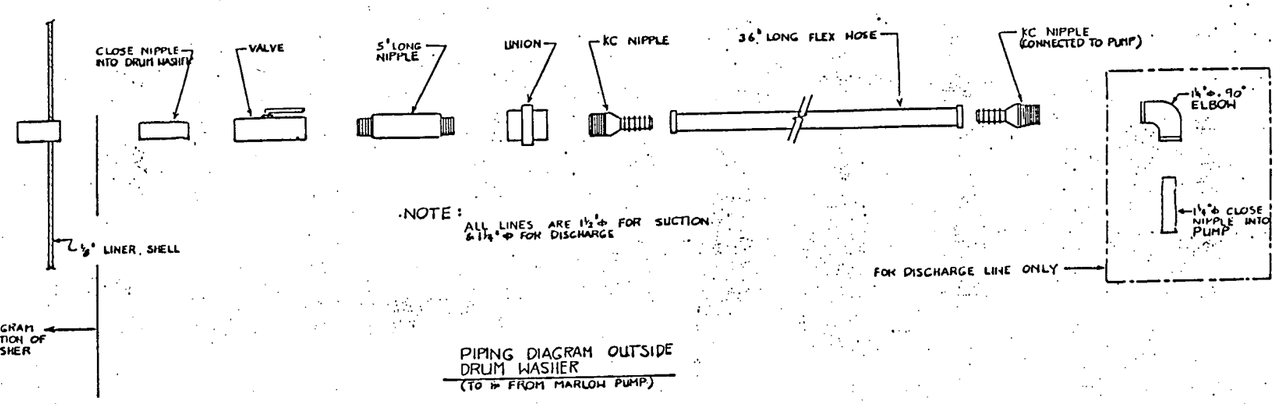
SOUTHWEST INDUSTRIAL CONSTRUCTORS, INC.

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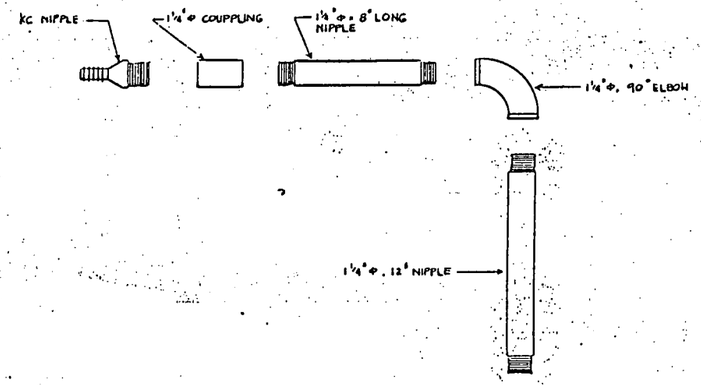

PIPING DIAGRAM FOR:
DRUM - WASHER WITH
SELF SERVICE PART WASHER

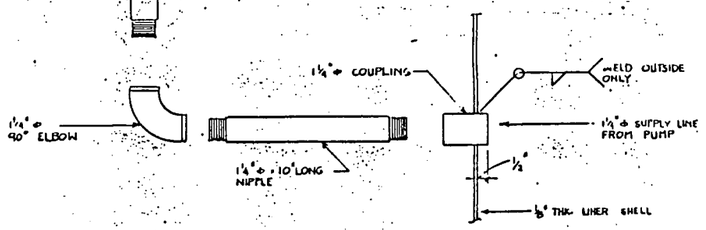


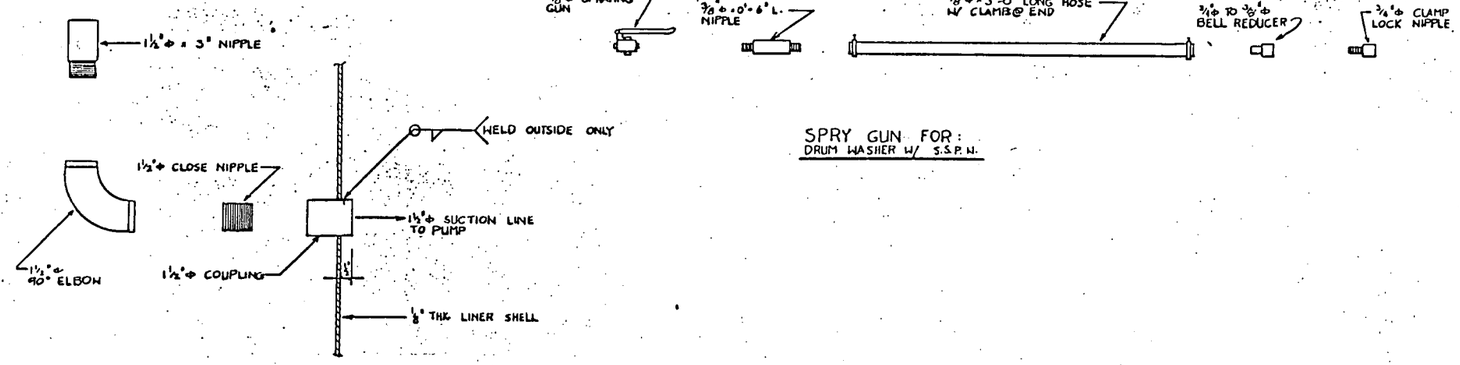

NOTE:
ALL LINES ARE 1½"ϕ FOR SUCTION
& 1¼"ϕ FOR DISCHARGE

PIPING DIAGRAM OUTSIDE
DRUM WASHER
(TO & FROM MARLOW PUMP)




PIPING DIAGRAM FOR:
DRUM WASHER WITHOUT
SELF SERVICE PART WASHER




1½"ϕ SUCTION LINE




SPRY GUN FOR:
DRUM WASHER W/ S.S.P.W.

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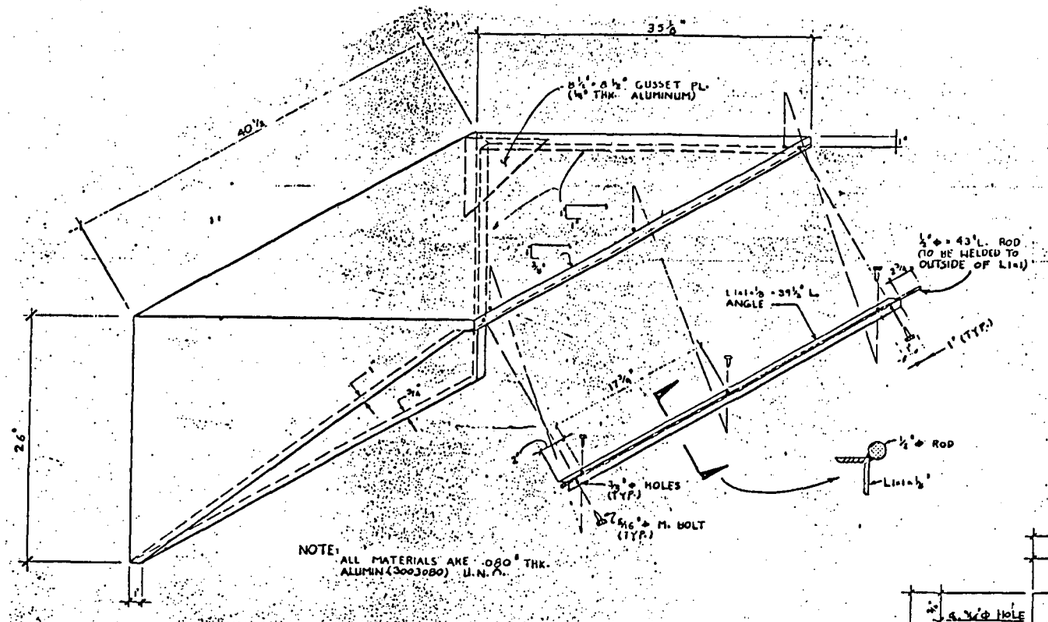
TITLE: DRUM WASHER - PIPING

SAFETY-KLEEN CORP.
777 BIG TIMBER ROAD • ELGIN, ILLINOIS 60123 PHONE 708/697-8460

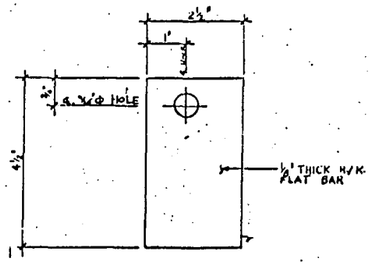
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|---|---|---|---|---|---|
| AS NOTED | A.L.I. | | | | 1-19-9 |

STANDARDS

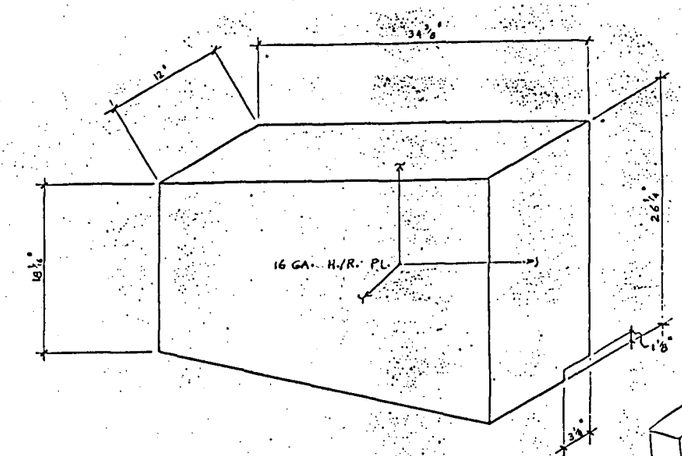
DRAWING NO: STD. 1005-00



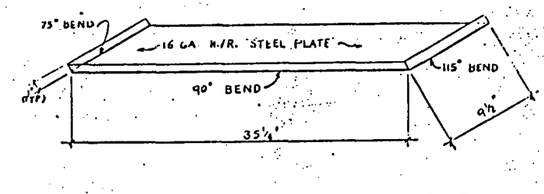

DRUM WASHER LID
SCALE: 1 1/2" = 1'-0"



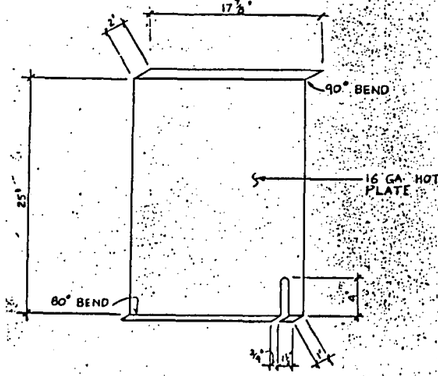

HINGE BRACKET
SCALE: 6" = 1'-0"



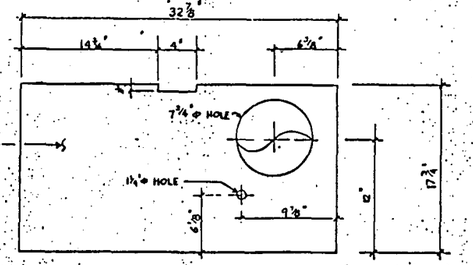

MOTOR COVER
SCALE: 1 1/2" = 1'-0"



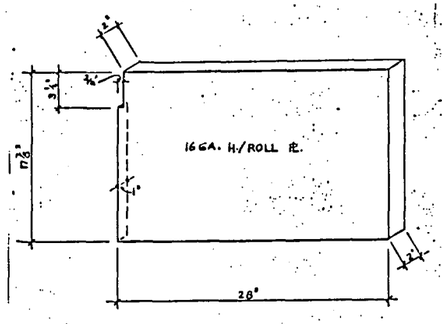

BOTTOM PAN FOR MOTOR COVER
SCALE: 1 1/2" = 1'-0"



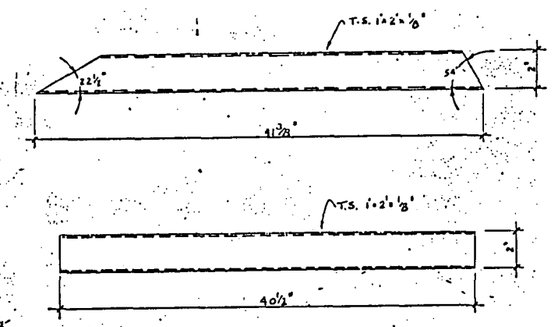

CABINET FRONT
SCALE: 1 1/2" = 1'-0"




CABINET TOP
SCALE: 1 1/2" = 1'-0"




CABINET BACK
SCALE: 1 1/2" = 1'-0"




HOOD STIFFENER
N.T.S.

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| NO | DESCRIPTION | BY | CHK | APPR | DATE |
|---|---|---|---|---|---|
| | REVISIONS | | | | |

TITLE: DRUM WASHER - CABINET & MISC. DETAILS

SAFETY-KLEEN CORP.
777 BIG TIMBER ROAD • ELGIN, ILLINOIS 60123 PHONE 708/697-8460

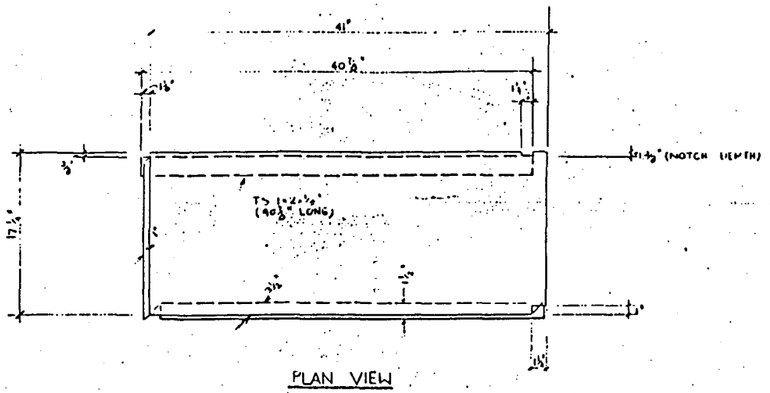
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|---|---|---|---|---|---|
| AS NOTED | A.L.I. | | | | 1-1 |

STANDARDS

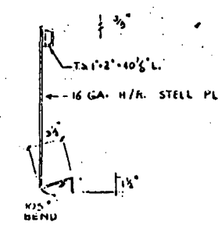
DRAWING NO: STD. 1006-00

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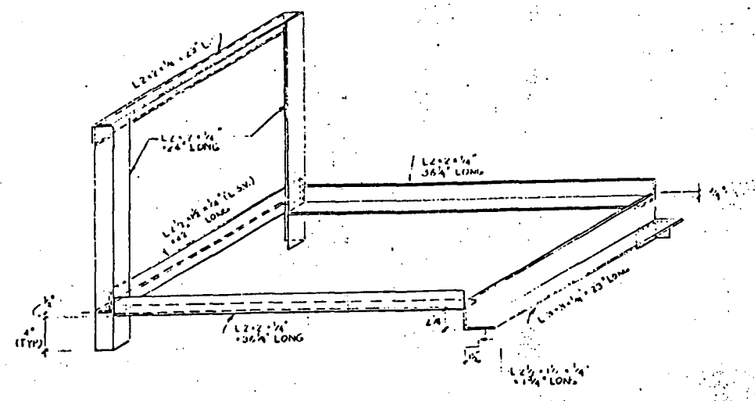
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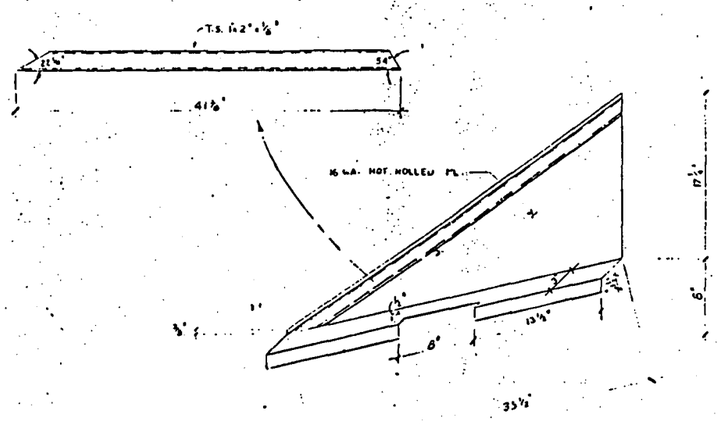

PLAN VIEW



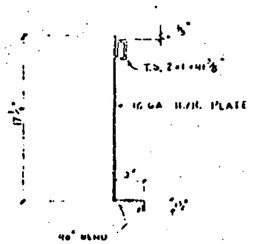

SIDE VIEW



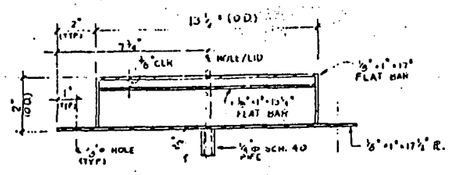

## FRONT HOOD SUPPORT
SCALE: 1½" = 1'-0"



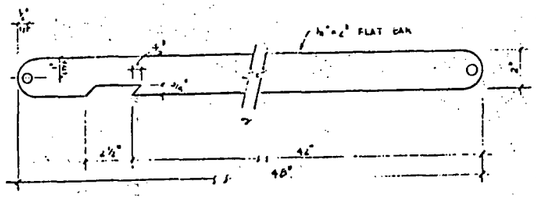

PLAN VIEW




ELEVATION

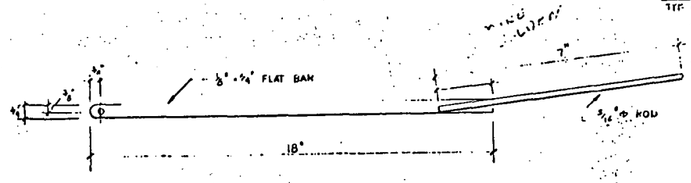



SAFETY LATCH
SCALE: 3" = 1'-0"



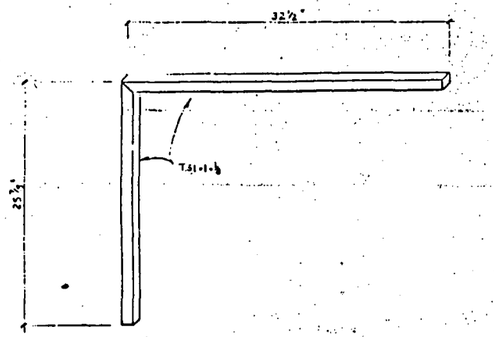

COVER BRACE STEEL
TYP. 2 REQ'D PER DRUM WASHER

## TEMP. SUPPORTING FRAME FOR LINER
SCALE: 1½" = 1'-0"

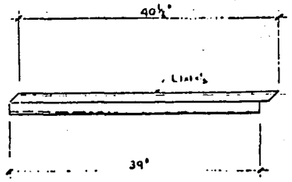



SCALE: 3" = 1'-0"

## SIDE HOOD SUPPORT
SCALE: 1½" = 1'-0"




INSIDE HOOD SUPPORT
SCALE: 1" = 1'-0"




FRONT HOOD BRACE
N.T.S.

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|---|---|---|---|---|---|
| | REVISIONS | | | | |

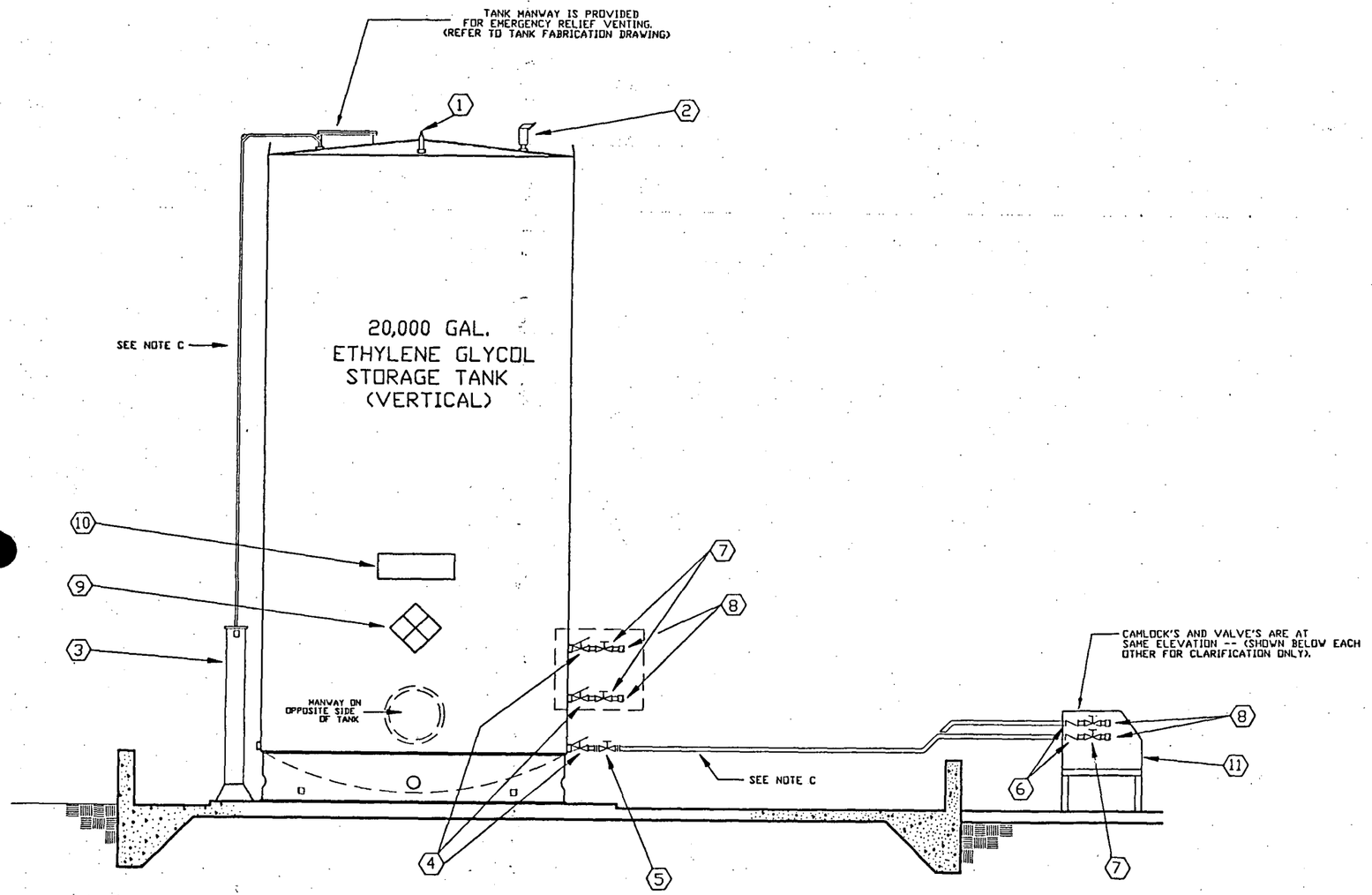
TITLE: DRUM WASHER-HOOD SUPPORT

SAFETY-KLEEN CORP.
777 BIG TIMBER ROAD • ELGIN, ILLINOIS 60123 PHONE 708/697-6480

| SCALE | DRAWN | CHECKED | ENGINEERING APPR | OPERATION APPR | DATE |
|---|---|---|---|---|---|
| AS NOTED | A.L.I. | | | | 1-19- |

STANDARDS

DRAWING NO: STD. 1007-00




# TANK PLUMBING ELEVATION

SCALE:3\8"=1'-0"

| ITEM | SIZE | DESCRIPTION | S-K PART # | REMARKS |
|---|---|---|---|---|
| 1 | 3\8" | 3\8" AUTOMATIC VACUUM BREAKER MORRISON BROS. FIG. 1340-A | 5274 | ——— |
| 2 | 3" | 3" SCREWED PRESSURE\VACUUM VENT MORRISION BROS. FIG. 548 (2 oz. PRESSURE - 1 oz. VACUUM) | 5339 | ——— |
| 3 | ——— | TANK GAUGE - MOORMANN BROS. MODEL NO. 7S | 5277 | SEE INSTALLATION DETAILS ON SAFETY-KLEEN DRAWING A10243 |
| 4 | 3" | 3" INTERNAL EMERGENCY VALVE MORRISON BROS. FIG. 272-HO WITH 212°F FUSIBLE LINK | 5267 | SEE INSTALLATION DETAILS ON SAFETY-KLEEN DRAWING C11302 |
| 5 | 3" | 3" DUCTILE IRON GATE VALVE WITH ROUND FLANGED ENDS - MORRISON BROS. FIG. 234-DI | 5276 | SEE INSTALLATION DETAILS ON SAFETY-KLEEN DRAWING C11302 |
| 6 | 3" | 3" BRONZE CHECK VALVE - MORRISON BROS. FIG. 246-A | 5266 | ——— |
| 7 | 3" | 3" BRONZE GATE VALVE - MORRISON BROS. FIG. 235-B (LOCKING TYPE) | 5265 | ——— |
| 8 | 3" | 3" ALUMINUM CAMLOCK QUICK-COUPLING MORRISON BROS. MALE ADAPTER PART F WITH DUST CAP & CHAIN | 5264 | ——— |
| 9 | ——— | N.F.P.A. MATERIAL IDENTIFICATION CARD | ——— | DISPLAY IN PLAIN SIGHT ABOVE DIKE WALL AS SHOWN |
| 10 | ——— | 'COMBUSTIBLE - KEEP FIRE AWAY' SIGN | ——— | DISPLAY IN PLAIN SIGHT ABOVE DIKE WALL AS SHOWN |
| 11 | ——— | SECONDARY CONTAINMENT - TANK ACCESS CONTAINER | ——— | SEE INSTALLATION DETAILS ON SAFETY-KLEEN DRAWING D13479 |
| ⬡ | | | | |

(A) FOR ANY TANK VOLUMETRIC CONTAINMENT\DISPLACEMENT CALCULATIONS REFER TO ACTUAL SERVICE CENTER TANKFARM DRAWING'S.

(B) SEE INDIVIDUAL SERVICE CENTER SITE PLANS FOR LOCATION OF DIKE AND RELATED INFORMATION. SEE TANKFARM PLAN(S) FOR TANK ARRANGEMENT AND PIPING DETAILS

(C) ALL PIPING TO BE SCHEDULE 40 GALVANIZED AND BE SUPPORTED EVERY EIGHT (8) RUNNING FEET. CONTRACTOR TO SUPPLY ALL BRACKET'S, CLAMPS, ETC. AS REQUIRED FOR SUPPORTING PIPE.ALL EXPOSED PIPE THREADS AT JOINTS TO BE PAINTED WITH A RUST RESISTANT EXTERIOR GARDE GALVANIZING PAINT.PIPING SUPPORT HARDWARE TO BE UNISTRUT BRAND OR APPROVED EQUIVALENT

(D) ALL DIRECTION CHANGES IN WASTE OIL LINES TO BE MADE USING A COMBINATION OF 45° ELBOWS OR LONG RADIUS 90° ELBOWS.

(E) IF THIS INSTALLATION IS TO BE MADE IN A FREEZE PRONE LOCATION REFER TO SAFETY-KLEEN DRAWING C11302 FOR DETAILS.

(F) ALL ITEMS SHOWN WITH SAFETY-KLEEN PART # REFERENCES WILL BE SUPPLIED TO AND INSTALLED BY CONTRACTOR.

**Exhibit I.E.3-12**

| NO. | DESCRIPTION | BY | CHKD | APPR |
|---|---|---|---|---|
| | REVISIONS | | | |

TITLE

ETHYLENE GLYCOL STORAGE TANK PLUMBING INSTALLTION DETAILS

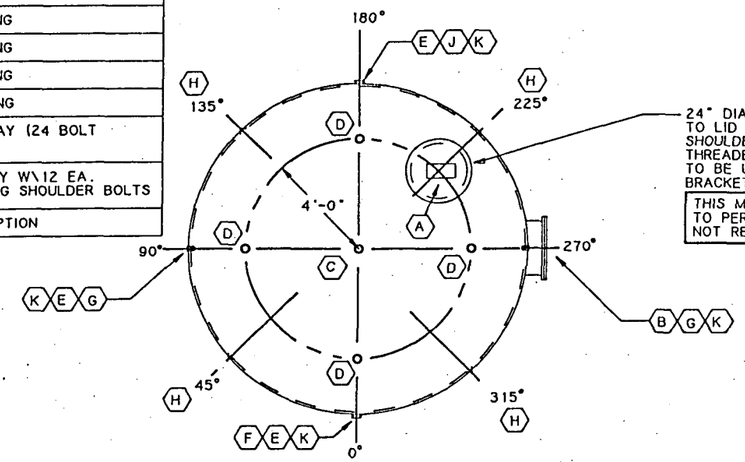
SAFETY-KLEEN CORP.
777 BIG TIMBER ROAD ELGIN, ILLINOIS 60123 PHONE 708/697-8460

| PROJ. ENG. APPR. | OPERATIONS APPR. | SCALE | DRAWN | DATE |
|---|---|---|---|---|
| | | 3\8"=1'-0" | R.D. | 10/ |

BRANCH
For: BRANCH CONSTRUCTION &\OR IMPROVEMENT

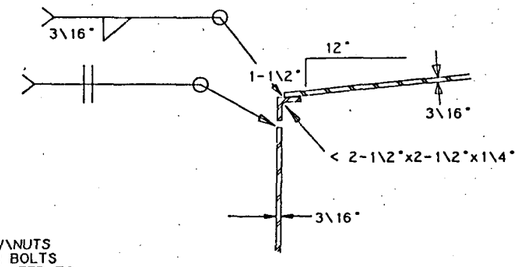
DRAWING NO.
STD-2009-00

| MARK | QTY. | SIZE | DESCRIPTION |
|---|---|---|---|
| K | 4 | 6" | PORT HOLE |
| J | 2 | | SIDE LIFT LUG |
| | 4 | | < 3"x3"x3\8"x3"LONG |
| | 2 | | LIFT LUG |
| F | 2 | 4" | FULL COUPLING |
| E | 3 | 4" | FULL COUPLING |
| D | 4 | 4" | FULL COUPLING |
| C | 1 | 4" | HALF COUPLING |
| B | 1 | 24" | SHELL MANWAY (24 BOLT PATTERN) |
| A | 1 | 24" | ROOF MANWAY W\12 EA. 1\2"x4" LONG SHOULDER BOLTS |



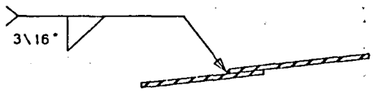

24" DIA. MANHOLE W\GASKET CEMENTED TO LID ONLY. INSTALL USING (12)- 4" LONG *SHOULDER BOLTS (EVERY OTHER BOLT HOLE)* W\NUTS THREADED TO DEPTH OF NUTS ONLY. NO OTHER BOLTS TO BE USED. THE FOLLOWING LABEL TO BE MOUNTED TO BRACKET ON LID:

*THIS MANWAY IS PROVIDED WITH LONG BOLTS TO PERMIT EMERGENCY RELIEF VENTING. DO NOT REPLACE WITH SHORTER BOLTS.*



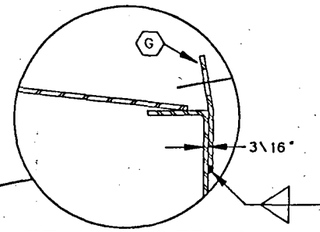

## SHELL TO ROOF CONNECTION

SCALE: 1-1\2"=1'-0"




## ROOF SEAM DETAIL

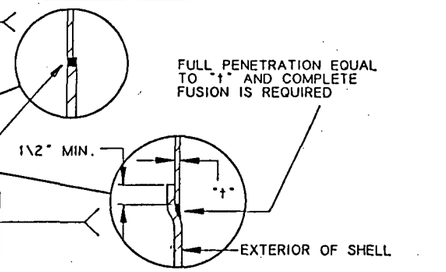
SCALE: 1-1\2"=1'-0"



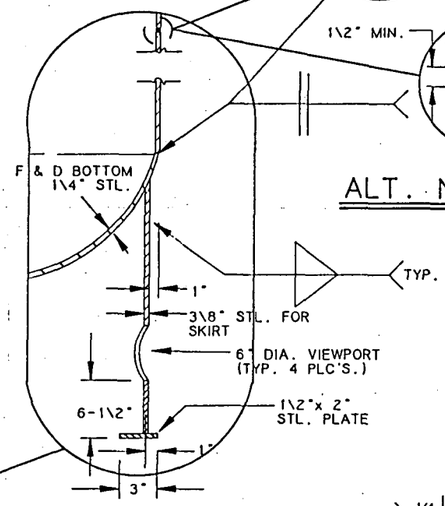

## LIFT LUG DETAIL

SCALE: 1-1\2"=1'-0"

## ALT. NO. 2 JOINT WELD

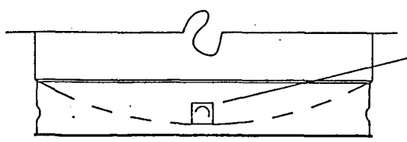



## ALT. NO. 1 JOINT WELD

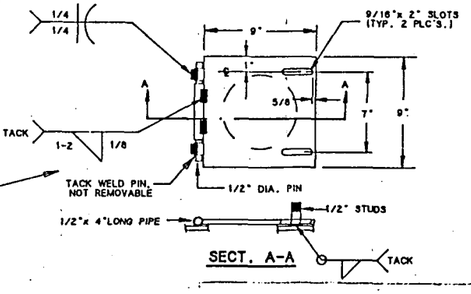



## TANK SKIRT DETAILS

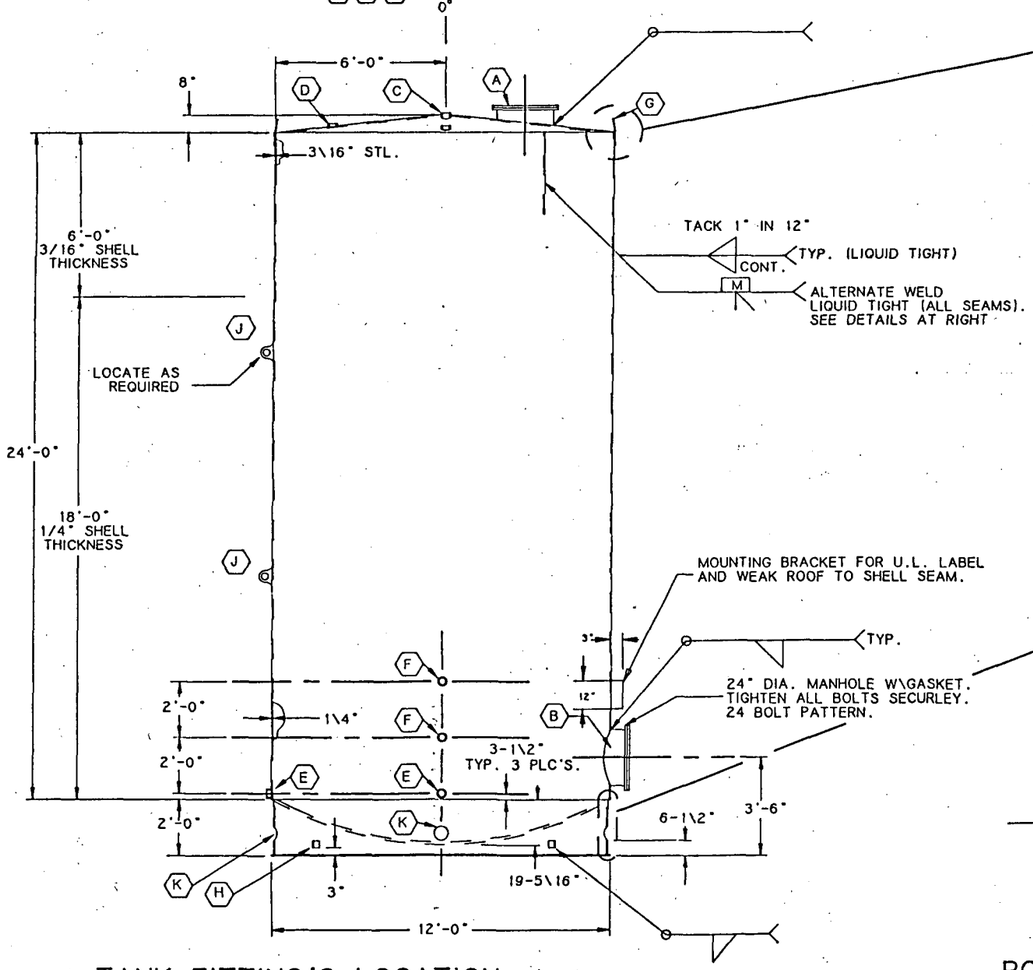
SCALE: 1-1\2"=1'-0"



## PORT HOLE COVER DETAILS




SECT. A-A




## TANK FITTING'S LOCATION

## GENERAL NOTES

1) TEST PRESSURE TO BE 1-1\2 PSI AIR MIN. & 5 PSI MAX.

2) *CONSTRUCTION TO MEET "UNDERWRITERS LABORATORIES"* REQUIREMENTS AND BE SO LABELED

3) ALL PERTINENT SAFETY REGULATIONS, BOTH THE OWNER'S & 'OSHA,S', SHALL BE ADHERED TO RIGIDLY. IN ADDITION, ALL SAFETY PRECAUTIONS NOTED ON THE MANFACTURER'S PRODUCT DATA SHEETS AND LABELS SHALL BE OBSERVED FOR BOTH MATERIAL AND EQUIPMENT.

4) INITALLY ALL SURFACES TO BE COATED SHALL BE PREPARED IN A WORKMANLIKE MANNER WITH THE OBJECTIVE OF *OBTAINING A CLEAN, DRY AND PROPERLY PREPARED* SUBSTRATE.

5) BEFORE ANY SURFACE IS COATED, IT SHALL BE CLEANED CAREFULLY OF ALL DUST, DIRT, GREASE, LOOSE RUST, MILL SCALE, OLD PAINT, ETC.

6) ALL COATINGS SHALL BE APPLIED IN A WORKMANLIKE MANNER TO ACHIEVE THE SPECIFIED DRY MIL FILM BUILD, LEAVING A SMOOTH UNIFORM APPEARING FILM. SPRAY APPLICATION SHALL BE USED WHEREVER POSSIBLE.

7) THE APPLICATION SHALL LEAVE NO SAGS, BRUSH MARKS OR OTHER DEFECTS.

8) CLEAN-UP AND REMOVE ALL SAND AND DEBRIS FROM THE JOB WHEN COMPLETE.

9) SUPPORTING SKIRT SHALL BE PROTECTED BY MATERIALS HAVING A FIRE RESISTANCE RATING OF NOT LESS THAN 2 HRS. *FIREPROOFING* MATERIAL SHALL BE 'ALBI CLAD 800', MANUFACTURED BY ALBI MFG., A DIVISION OF STAN CHEM, INC. OF EAST BERLIN, CT. OR APPROVED EQUAL BY THE OWNER. MATERIAL SHALL BE APPLIED IN STRICT ACCORD-ANCE WITH MFR'S. SPECIFICATIONS. FIREPROOFING SHALL BE INSTALLED IN FIELD BY OWNER

10) THE BOTTOM SHALL FLANGED & DISHED. THE DISH RADIUS SHALL EQUAL THE DIAMETER OF THE TANK & THE KNUCKLE RADIUS NOT BE LESS THAN 6% OF THE DIAMETER OF THE TANK.

## PAINT SPECIFICATIONS

1) SURFACE PREPARATION:

COMMERCIAL BLAST CLEANING (MINIMUM) IN ACCORDANCE WITH "Steel Structures Painting Council *Surface Preparation*" SPECIFICATION SSPC-SP6, WITH A PROFILE OF 1.5 - 2.0 MILS.

NOTE: MANUFACTURER'S INSTRUCTIONS MUST BE FOLLOWED WITHOUT EXCEPTION.

2) PRIMER COAT -- APPLIED SAME DAY:

APPLY ONE COAT "SHERWIN WILLIAMS ZINC CLAD III, 3-4 MILS DRY. 6-8 MILS WET. ALLOW TO DRY 24 HOURS. (ZINC CLAD III IS AN EPOXY ZINC CONSISTING OF 3 PARTS: BINDER PART A #B69A3, CATALYST PART B #69V13 AND ZINC DUST PART F #B69D11).

3) INTERMEDIATE COAT:

APPLY ONE COAT "SHERWIN WILLIAMS DTM" ACRYLIC GLOSS, B66 SERIES, COLOR NO. MC-64 SILVERY (LIGHT GREY) 3-4 MILS DRY. 8-10 MILS WET. (THIS IS CONTRASTING COLOR TO FINISH COAT). ALLOW TO DRY OVERNIGHT.

4) FINISH COAT:

APPLY ONE COAT "SHERWIN WILLIAMS DTM" ACRYLIC GLOSS, B66W101 (WHITE) SERIES, 3-4 MILS DRY, 8-10 MILS WET IN SELECTED COLOR.

NOTE:

COATING SYSTEM I REQUIRES MINIMUM SURFACE AND MATERIAL TEMPERATURES OF 50° - 55°F FOR PROPER CURING/DRYING. DO NOT APPLY OVER MOISTURE OF CONDENSATION.

| NO. | DESCRIPTION | BY | CHKD | APPR | DATE |
|---|---|---|---|---|---|
| 12 | ENG. # WAS 013073 ADDED NOTES RE: MANWAY MOUNTING | RD | | | 2/12/90 |
| 11 | ADDED NOTES 3 THRU 8; ADDED PAINT SPEC. ADDITIONAL REQ.; RMV'D. MARK 1 | RD | | | 8/2/89 |
| 10 | REVISED & REDRAWN ON COMPUTER | RD | | | 5\22\89 |
| 9 | MISC. REVISIONS | CB | | | 3\89 |
| 8 | ADDED NOTES | CS | | | 2\17\89 |
| 7 | ADDED NOTES | CS | | | 2\17\89 |
| 6 | ADDED NOTE 6 | CS | | | 1\30\89 |
| 5 | ADDED & CHANGED DETAILS, NOTES | RLB | | | 12\13\88 |
| 4 | ADDED & CHANGED DETAILS; REMOVED NOTE 6 | RLB | | | 11\23\88 |
| 3 | ADDED DETAIL 'A' & NOTES 5 & 6 | RD | | | 9\12\88 |
| 2 | REVISED & REDRAWN | RD | | | 8\22\88 |
| 1 | RMV'D. 12K - 15K GAL. REF. | RD | | | 5\18\88 |

REVISIONS

TITLE

# 20,000 GAL. 12'-0" F. & D. TANK FABRICATION DETAILS

SAFETY-KLEEN CORP.
777 BIG TIMBER ROAD; ELGIN, ILLINOIS 60120 PHONE 312/697-8460

| PROJ. ENG. APPR. | OPERATIONS APPR. | SCALE | DRAWN | DATE |
|---|---|---|---|---|
| | | AS NOTED | RD | 4\15\88 |

BRANCH — DRAWING NO. — REV.