

**NAVSEA S5090-B1-MMO-01C**

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**STOWAGE AID BOOKLET  
FOR  
DAMAGE CONTROL EQUIPMENT**

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**29 NOVEMBER 1991  
CHANGE C 8 NOVEMBER 2004  
NAVSEA S5090-B1-MMO-01C**

**CHANGE C  
SUMMARY OF CHANGES  
SECTION 5**

<b><u>PAGES</u></b>	<b><u>NAME</u></b>	<b><u>DESCRIPTION OF CHANGE</u></b>
5-1 – 5-116	Damage Control Signage Sketches	New sketches



# NAVSEA S5090-MMO-010

## LIST OF EFFECTIVE PAGES

Dates of Original and Changes Pages are:

Original	29 November 1991
Change A	16 November 1992
Change B	5 September 2003
Change C	8 November 2004

Insert latest change pages; dispose of superseded pages.

NOTE: On a changed page, the portion of the text affected by the latest change is indicated by a vertical line in the outer margin of the page. Changes to sketches are indicated by miniature pointing hands.

Total number of pages in this publication is 335 consisting of the following:

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Change C Summary of Changes .....	C	4-11 .....	A
#List of Effective Pages .....	C	4-12 through 4-13.....	0
#Record of Changes .....	0	4-14 .....	A
#Table of Contents.....	C	4-15 through 4-44.....	0
#Executive Summary .....	B	4-45 .....	A
#1-0 .....	0	4-46 .....	0
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#Pages are printed single-sided.

\*Zero in this column indicates an original page.

## STOWAGE AID BOOKLET FOR DAMAGE CONTROL EQUIPMENT

### RECORD OF CHANGES

Change No.	Date of Change	Title or Brief Description	Entered By

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## EXECUTIVE SUMMARY

Naval Sea Systems Command (NAVSEA) prepared this Stowage Aid Booklet for Damage Control (DC) equipment in response to an action item from the Chief of Naval Operations Damage Control/Fire Fighting/CBR Working Group. This document aids shipboard personnel in identifying possible layouts and stowage devices and provides a reference for information on DC equipment and Chemical, Biological and Radiological-Defense (CBR-D) Individual Protection Equipment (IPE) stowage. This stowage aid booklet also provides a valuable reference document for:

1. Ship Design Managers and Ship Builders - To illustrate alternatives for stowage of DC and CBR-D IPE equipment.
2. Ship Builders - To assist in the design and layout of new ships with examples of DC and CBR-D IPE stowage for equipment.
3. Various NAVSEA Technical Codes - To provide a reference tool as guidance on DC and CBR-D IPE equipment stowage alternatives.
4. Training Commands - To train personnel to effectively stow DC and CBR-D IPE equipment.
5. SIMA and Tender Activities - To provide a reference tool for work packages involving DC and CBR-D IPE equipment stowage.

The information in this booklet is presented in four sections:

1. Section 1 provides background information of DC and CBR-D IPE equipment stowage philosophy and the interrelationship within the supply system, i.e., Allowance Equipage List (AEL) and National Stock Number (NSN).
2. Section 2 describes deck plan layouts of DC Repair Stations, including the Unit Locker and Passages, Decontamination Stations and compartment stowage options for CBR-D IPE.
3. Section 3 illustrates acceptable passageway stowage of DC equipment, organized by functions such as fire fighting, dewatering and desmoking, and stowage options for CBR-D IPE.
4. Section 4 provides examples of stowage devices, brackets, racks, hooks and lockers that are currently used fleetwide for DC and CBR-D IPE equipment.

This booklet will be updated via change pages as new stowage devices are developed and to reflect new equipment and equipment improvements. Recommendations are welcome and encouraged and will be presented annually to the Damage Control/Fire Fighting/CBR Working Group.

# **Section 1**

**BACKGROUND INFORMATION  
ON THE NEW DAMAGE CONTROL  
STOWAGE PHILOSOPHY**

## **BACKGROUND**

This Stowage Aid Booklet provides recommended Damage Control (DC) equipment and Chemical, Biological and Radiological-Defense (CBR-D) Individual Protection Equipment (IPE) stowage information and includes options that should be considered for particular ship configurations.

Shipboard fires, smoke, flooding and CBR agents can threaten crew safety and the ultimate survival of the ship. Damage control tactics, training, equipment and stowage are the tools used to combat these threats to a ship's ability to fight.

Distribution of equipment is an important element of damage control to improve reaction time, reduce injury to personnel and increase survivability of the ship.

Lessons learned from past casualties and DC scenarios have led to improvements and additions to repair party equipment. However, proper distribution and stowage of DC equipment has not received the attention it deserves.

Today, there is a renewed emphasis on how and where to stow DC equipment to improve the response time of repair teams and thus reduce loss of life and ship damage. Shipboard casualties on USS STARK (FFG 31), USS SAMUEL B. ROBERTS (FFG 58), USS PRINCETON (CG 59), USS TRIPOLI (LPH 10) and USS COLE (DDG 67) have proven that when the command disperses equipment and personnel within a repair station's area of responsibility, improved reaction time and survivability are achieved.

### **Elements of the DC equipment stowage philosophy are as follows:**

1. The DC deck is designed to be the primary staging area for DC repair parties. The damage control organization disperses equipment within the repair station's area or zone of responsibility according to the equipment's function, i.e., fire fighting, desmoking and dewatering. Functionally grouped and stowed equipment provides immediate access so that repair teams can respond quickly and positively to a casualty.
2. Equipment currently crammed inside the repair locker, such as fire extinguishers, casualty power cables, general quarters gear, oxygen breathing apparatus, portable fans and canisters, should be relocated to the passageways in a functionally organized and logical manner.
3. Large DC equipment should be located in the passageway with its functional group near power and exhaust sources.
4. Teams and equipment are dispersed port and starboard, fore and aft and above and below deck (Refer to section 2, sketch 001). This allows flexibility, survivability and improved response by repair party personnel to combat the casualties as soon as they are reported.
5. Adjustable shelving in repair station stowage bins will increase space for new equipment.

6. Use "dead areas" of the ship for stowage shelving and brackets. Examples include areas behind doors and hatches, storerooms, voids and bulkheads in berthing areas.
7. Use stowage devices that are flexible enough to accommodate equipment improvements and changes.

**Implementation of the concepts within this booklet will:**

1. Decrease the possibility of a single weapon hit destroying an entire repair party organization.
2. Minimize the amount of initial confusion since equipment is already strategically dispersed.
3. Eliminate the bottleneck of personnel at the repair locker compartment entrance when General Quarters is sounded.
4. Improve the equipment setup and response times of repair party teams combating casualties.
5. Limit the extent of damage to a ship.

Damage control in the Navy is exceptional. With personnel and material at risk, we must continuously seek improvement and eliminate all potential hazards. Our training is outstanding and our equipment is first rate. The stowage features presented herein will distribute DC and CBR-D IPE equipment most effectively throughout the ship, thus allowing repair party personnel to respond more quickly to casualties.

**Additional resources for information on DC/fire fighting/CBR-D IPE equipment include the following:**

1. NWP 3-20.31, Surface Ship Survivability
2. NSTM Chapter 074, Volume 3, Gas Free Engineering
3. NSTM Chapter 079, Volume 2, Practical Damage Control
4. NSTM Chapter 555, Volume 1, Surface Ship Fire Fighting
5. NSTM Chapter 555, Volume 2, Submarine Fire Fighting
6. NSTM 077, Personnel Protection Equipment
7. Training Aid Booklet for Damage Control Equipment
8. Safety and Survivability Video, "The Value of Proper Damage Control Equipment Stowage"
9. Damage Control Allowance Equipage Lists (AEL), 2-880044200 through 2-880044299 series.

**NAVSEA's approach to achieving the goal of effectively stowing DC equipment and CBR-D IPE encompasses the following steps:**

1. DC AELs have been reorganized by the number of repair stations (the "Parent AELs") and then subdivided into kits ("Kit AELs"), which are organized by equipment function.
2. NWP 3-20.31, Surface Ship Survivability, invoked the requirement for distributive stowage of DC kits throughout repair stations, resulting in the stowage of equipment by function in passageways or other suitable locations within a repair station's zone of responsibility.
3. The Navy has published the "Training Aid Booklet for Damage Control Equipment." This publication describes equipment in the DC inventory with illustrations, stock numbers and uses.
4. Photoluminescent marking has been successfully used to identify equipment and egress routes during DC and fire fighting operations.

The Navy is continually striving to improve DC capabilities through conferences, such as the Surface Warfare Commanders Maintenance Conferences, and the Chief of Naval Operations Damage Control/Fire Fighting/CBR Working Group.

Improvements are not limited to better equipment. One example is the development of a software package, Damage Control Action Management Software (DCAMS). This was developed primarily to provide shipboard DC personnel with an automated means of tracking the location and status of portable and consumable DC equipment. A secondary purpose is to allow shipboard and shore-based personnel to evaluate proposed changes in stowage locations for DC equipment and to ensure rapid and effective reaction to emergency conditions.

The Surface Warfare Officers School Damage Control Training Department completed a mockup of a DC repair station and passageways. The mockup illustrates distributive stowage to new damage control assistants, chief engineers and prospective commanding officers.

The display ship ex-USS BARRY (DD 933) at the Washington Navy Yard has a DC repair station mockup that design teams of new ship construction can study. The Navy tests and fine-tunes tactics for effective use of new DC equipment onboard ex-USS SHADWELL (LSD 15) in Mobile, Alabama.



## **CONCEPT OF DISTRIBUTIVE STOWAGE**

1. Improve Repair Party Response Time
  - a. Disburse priority equipment from within the repair locker into surrounding area to prevent bottlenecks and confusion.
  - b. Disburse the following functional areas:
    - (1) Fire Fighting Dressout
    - (2) Dewatering
    - (3) Desmoking
    - (4) Fire Fighting Extinguishers
    - (5) Shoring
    - (6) Casualty Power
    - (7) General Quarters Gear
2. Increase Survivability

Disbursal of equipment diminishes consequences from loss of repair locker to damage.

## **FUNCTIONAL AREAS COMPOSITION**

1. Fire Fighting Dressout
  - a. Fire Fighting Ensemble (six per station)
    - (1) Fire Fighter's Coveralls
    - (2) Fire Fighter's Boots
    - (3) Fire Fighter's Gloves
    - (4) Flash Gear
    - (5) MK II Helmets
    - (6) Fire Fighter's helmet lights
  - b. OBAs (6 Min)
  - c. OBA Canisters (36 Min)
2. Dewatering
  - a. P-250 Pump
  - b. Two or more Submersible Pumps
  - c. Peri-Jet and S-Type Eductors
  - d. Associated Fire, Suction, and Exhaust Hoses
3. Desmoking
  - a. Two Red Devil Blowers and/or Water-driven Blowers
  - b. Two 8-in Expandable Vent Ducts and/or 10-in Expandable Vent Ducts
  - c. One Tube Axial Fan
  - d. Three Smoke Curtains
  - e. Two OBAs (Min)
  - f. Twelve OBA Canisters (Min)

4. Fire Fighting Extinguishers
  - a. Two CO<sub>2</sub> Extinguishers
  - b. One PKP Extinguisher
5. Shoring
  - a. Steel Shoring
  - b. Wooden Shoring
  - c. Wedges
  - d. Patches, Box
6. Casualty Power  
Cables and Racks
7. General Quarters Gear (Repair Party Personnel)
  - a. Gas Mask
  - b. Life Jacket with Antiflash Hood and Gloves

## **STOWAGE AID BOOKLET FOR DAMAGE CONTROL EQUIPMENT**

### **GENERAL NOTES**

1. All dimensions are in inches unless otherwise noted.
2. All stowage installations shall be as level as possible and parallel to the baseline of the ship unless noted otherwise.
3. All sharp or ragged edges shall be ground or sanded smooth to prevent damage to equipment and injury to personnel.
4. Each installation is unique. Detailed drawings shall be drawn and equipment templates developed and checked for fit on paper prior to fabrication of stowage equipment or modification of spaces.
5. For painting and deck covering, see ships painting schedule.
6. Material lists are provided as necessary.
7. Stowage arrangement dimensions may vary according to the geometry of spaces available.

# Section 2

## PLAN LAYOUT SAMPLE SKETCHES

- **Damage Control Deck**
- **Repair Locker/DCRS**
- **Unit Locker**
- **Passage Stowage**
- **CBR-D IPE Stowage**
- **MCU-2P Stowage**

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCHES

SECTION 2 SKETCH NO.	TITLE OF SKETCH
001	Typical Damage Control Repair Station (DC Deck Layout)
002	Typical Damage Control Repair Station (Plan View) Version 1
002	Typical Damage Control Repair Station (Plan View) Version 2
002	Typical Damage Control Repair Station (Plan View) Version 3
002	Typical Damage Control Repair Station (Plan View) Version 4
002	Typical Damage Control Repair Station (Plan View) Version 5
003	Typical Damage Control Unit Locker
004	Typical DCRS Passage Stowage
005	CBR-D IPE Compartment Stowage View #1 – Overhead View
006	CBR-D IPE Compartment Stowage View #2 – 3D View
007	CBR-D IPE Stowage in Berthing Compartment View #1 – Overhead View
008	CBR-D IPE Stowage in Berthing Compartment View #2 – 3D View
009	MCU-2P Mass Stowage View #1 – Overhead View
010	MCU-2P Mass Stowage View #2 – 3D View
011	MCU-2P Stowage in Berthing
012	MCU-2P Stowage in Decontamination Station View #1 – Overhead View
013	MCU-2P Stowage in Decontamination Station View #2 – 3D View

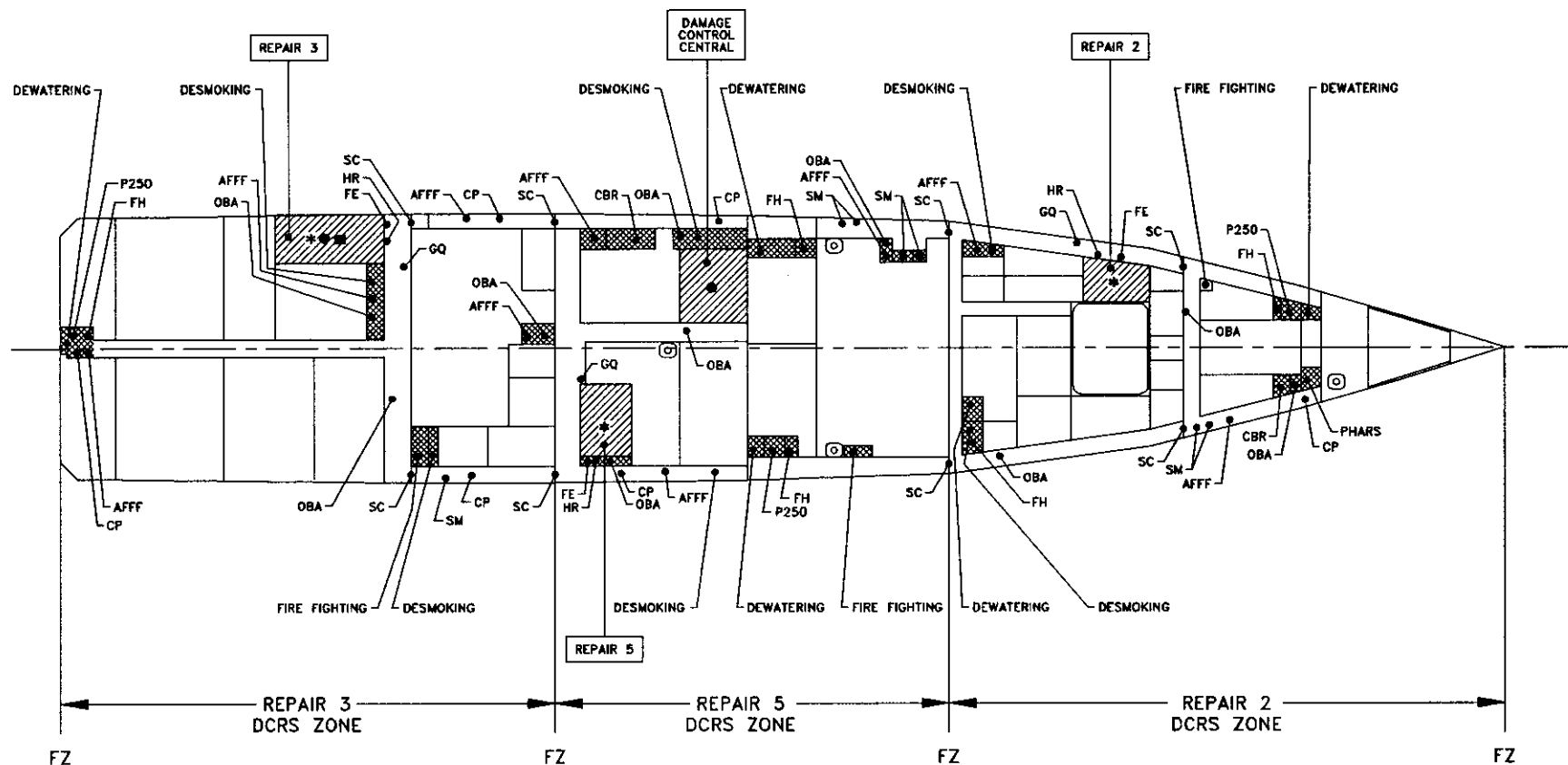
 REPAIR LOCKER COMPARTMENT

- DC CONSOLE:
  - DC CENTRAL
  - SECONDARY DC CENTRAL
- \* COMMUNICATIONS KIT
- ELECTRICAL REPAIR KIT
- EMERGENCY LIGHTING KIT
- GAS FREE KIT
- INVESTIGATORS KIT
- NFTI
- PECU
- POW-CON
- PIPE PATCH KIT
- SHORING PLUG TOOL KIT
- WELDER
- WIF-CON

**LEGEND:**

 DC EQUIPMENT STOWAGE

- AFF = 4 CANS AFF & INLINE EDUCTOR  
CBR = CBR EQUIPMENT LKR  
CP = CASUALTY POWER CABLE  
FE = FIRE EXTINGUISHER  
FH = FIRE HOSE  
GQ = GENERAL QUARTERS GEAR  
HR = HELMET RACK  
P230 = P230 ACCESS KIT  
PHARS = PORTABLE HYDRAULIC RESCUE SYSTEM  
SM = SHORING MATERIAL KIT  
SC = SMOKE CURTAIN



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 001**  
**TYPICAL DAMAGE CONTROL REPAIR STATION**  
**(DC DECK LAYOUT)**

**TYPICAL THREE (3) DAMAGE CONTROL REPAIR STATION (DCRS)  
SHIP CONFIGURATION**

LIST OF MATERIAL / EQUIPMENT				
Location No.	Typical No. Req'd Per Space	Description	Dwg or Spec No.	Remarks
1	4	Type "A" Bin	804-4563098	Size: (36"W x 54"H x 24"D) Repair 2, 3 & 5 and DCEL
2	3	Type "B" Bin	804-4563098	Size: (24"W x 60"H x 24"D) Repair 2, 3 & 5 and DCEL
3	1	Bins		Repair 2, 3 & 5 and DCEL
4	4	Cabinet, Housing with Bins Over		Repair 2, 3 & 5 and DCEL
5	1	Gas Free Equipment Locker	DC Stowage Sketch Sec. 4 Version 1, #047 Version 2, #048	Repair 2, 3 & 5 only Passage
6	1	General Quarters Gear	DC Stowage Sketch Sec. 4 - #049, #050, #051	DC Sketch No. 050 Holds 20 Sets each, Life Jackets, Gas Mask, Anti Flash Gear in Passage (DC Sketch No. 049, 051 Holds 8 Sets)
7	4	OBA Rack	DC Stowage Sketch Sec. 4 - #070, #071	1 OBA, Anti Flash Gear, FF Helmet Passageway, 2 only inside DCEL
8	3	OBA Canister Stowage Rack	DC Stowage Sketch Sec. 4 - #067, #068	3 Permanent, 36 Canisters, Passage
9	1	Portable Hydraulic Rescue System (PHARS)	DC Stowage Sketch. Sec. 4 - #079 (Stowage Brackets)	DC Sketch No (3-26, 3-27-3-28-3 29) 1 Per ship
10	2	OBA Canister Stowage Rack	DC Stowage Sketch Sec. 4 - #067, #068	2 Portable, 6 Canisters, Passage
11	1	Locker, OBA, FFBA, PPE Stowage	DC Stowage Sketch Sec. 4 - #077 Version 2	(Personnel Protection) 6 OBAs Repair 2, 3 & 5 only
12	1	Locker, OBA, FFBA, PPE Stowage	DC Stowage Sketch Sec. 4 - #078 Version 2	(Personnel Protection) 4 OBAs, 2 cases of canisters (Reserve) Repair 2, 3 & 5 only

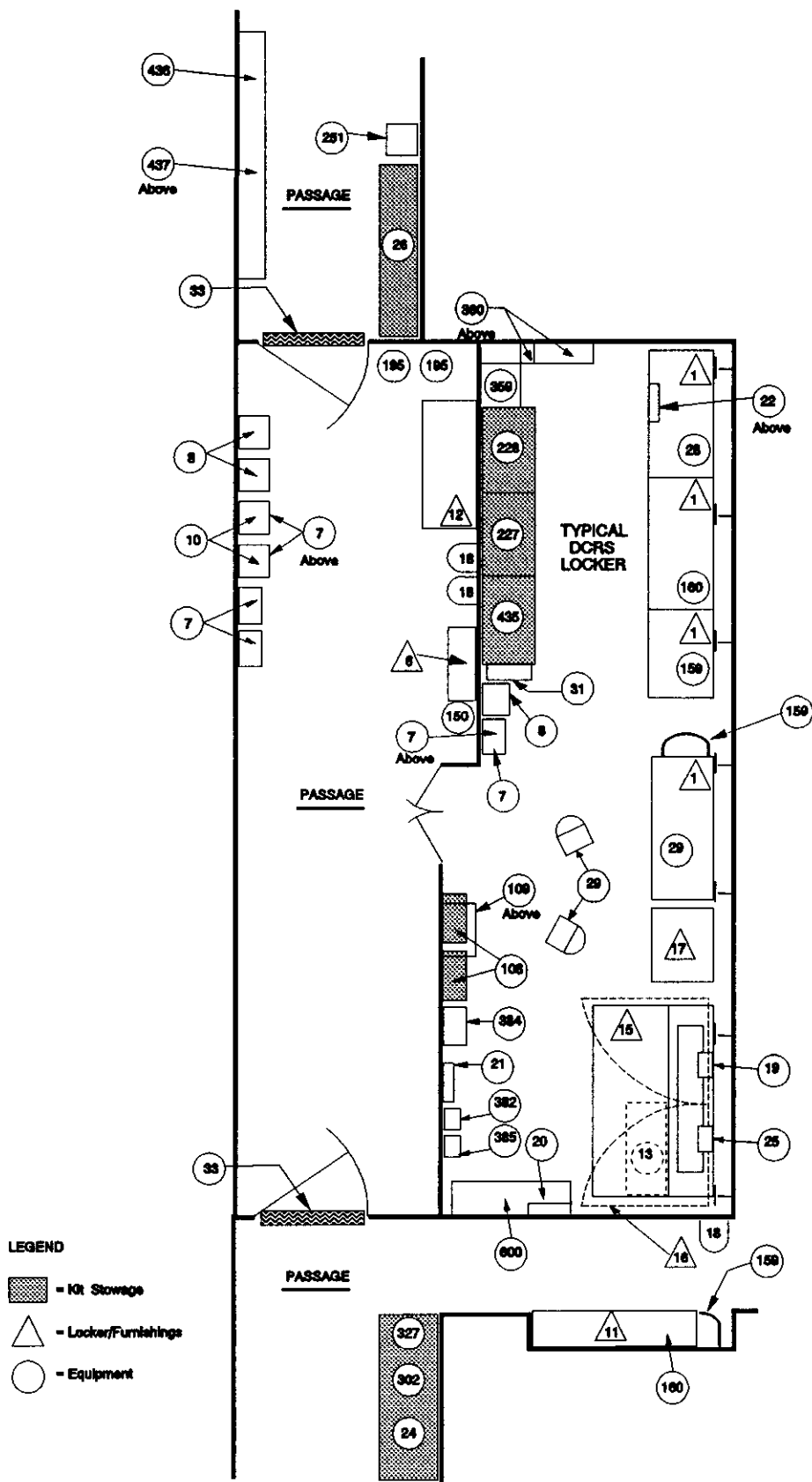
LIST OF MATERIAL / EQUIPMENT				
Location No.	Typical No. Req'd Per Space	Description	Dwg or Spec No.	Remarks
13	1	DC WIF-COM		Repair 2, 3 & 5 only (under table #15)
14	6	OBA Stowage Locker, Single Unit	DC Stowage Sketch Sec. 4 - #069	Repair 2, DCC 3 & 5 only Passage
15	1	Table, Damage Control	805-0921930	Repair 2, 3 & 5 only
16	1			Repair 2, 3 & 5 only
17	1	Locker, Tall	MIL-F-243	18"W x 12"D x 7'-2"H and DCEL Repair 2, 3 & 5 only
18	2	Rack, Fire Fighters' Helmet Stowage	DC Stowage Sketch Sec. 4 - #042, #043, #044	Repair 2, 3 & 5 only, 1 inside DCEL
19	1	Clock, 24 Hour	MIL-C-1 194	Repair 2, 3 & 5 only
20	1	Clinometer, Heel	MIL-C-20061	Repair 2 only or Secondary DCC
21	1	Clinometer, Trim	MIL-C-2261	Repair 2 only or Secondary DCC
22	1	Ladder, Scaling	DC Stowage Sketch Sec. 4 - #062, #063	Repair 2, 3 & 5 and DCEL
23	2	Lantern, Hand, w/Relay		Repair 2, 3 & 5 only Damage Control Eqpt Locker (one lantern only)
24	1	Dewatering Kit	DC Stowage Sketch Sec. 4 - #021 through #026	Repair 2, 3 & 5 only, Divided in Passage Port/STBD DC Sketch Nos. 3-17 through 3-24
25	1	Firemain Pressure Gage		Repair 2, 3 & 5 only
26	1	Desmoking Kit	DC Stowage Sketch Sec. 4 - #027 through #034	Repair 2, 3 & 5 only, Divided in Passage Port/STBD DC Sketch Nos. 3-11 through 3-16
27	3	Fire Hose Stowage	DC Stowage Sketch Sec. 4 - #046, #053 through #061	Repair 2, 3 & 5 and DCEL
28	1	CBR Equipment Locker	DC Stowage Sketch Sec. 4 - #007	Repair 2, 3 & 5 only Passage
29	1	Radiac Equipment		Repair 2, 3 & 5 only
30	1	Hydraulic Jack		Repair 2, 3 & 5 only



LIST OF MATERIAL / EQUIPMENT				
Location No.	Typical No. Req'd Per Space	Description	Dwg or Spec No.	Remarks
31	2	Emergency Comms Reels		Repair 2, 3 & 5 and DCEL
33	3	Smoke Curtains	DC Stowage Sketch Sec. 4 - #090, #091, #092	Repair 2, 3 & 5 and DCEL Passage. Pre-hung above W.T. door or on each side
108	2	Investigator/Tender Kit		Repair 2, 3 & 5 only
109	1	Navy Fire Fighters Terminal Hanger (NFTI)	DC Stowage Sketch Sec. 4 - #065	Repair 2, 3 & 5 and DCEL
150	1	Extinguisher, Fire, Chemical	MIL-E-24091	Passageway except DCEL
158	6	Fire Fighters' Ensemble	DC Stowage Sketch Sec. 4 - #039, #040, #041	6 sets stowed in passage except 4 in DCEL, DC Sketch Nos. 3-39 through 3-41
159	24	Fire Retardant Coveralls		24 sets stowed inside DCRS, 12 in DCEL
160	18	Fire Fighters' Boots	DC Stowage Sketch Sec. 4 - #034, #035, #036 Rack	Repair 2, 3 & 5, 16 in DCEL)
195	2	Extinguisher, Fire, Carbon Dioxide	MIL-E-24269	Repair 2, 3 & 5 Passage, inside DC Equipment Locker
227	1	Pipe Patching Kit		Repair 2, 3 & 5 and DCEL
228	1	Plugging Kit		Repair 2, 3 & 5 and DCEL
251	1	Cable, Assy, Casualty Power	DC Stowage Sketch Sec. 4 - #008	Repair 2, 3 & 5 only in Passage
302	2	Strainer, Suction, Firehose		Repair 2, 3 & 5 Passage, inside DCEL
327	2	Pump, Centrifugal, Submersible Portable	MIL-D-17454 DC Stowage Sketch Sec. 4 - #081	Repair 2, 3 & 5 Passage, inside DCEL
332	3	Rope, Nylon DBL BRD/	MIL-R-17343	Repair 2, 3 & 5 only (2" x 50' Length)
359	1	Welding Machine, Stowage Rack	DC Stowage Sketch Sec. 4 - #097	Repair 2 & 3 only
360	1	Port Exothermic Cutting Unit (PECU)	DC Stowage Sketch Sec. 4 - #074, #075	Repair 2, 3 & 5 only Rod Stowage/Rack Foundation
384	1	Chain Hoist		Repair 2, 3 & 5 only

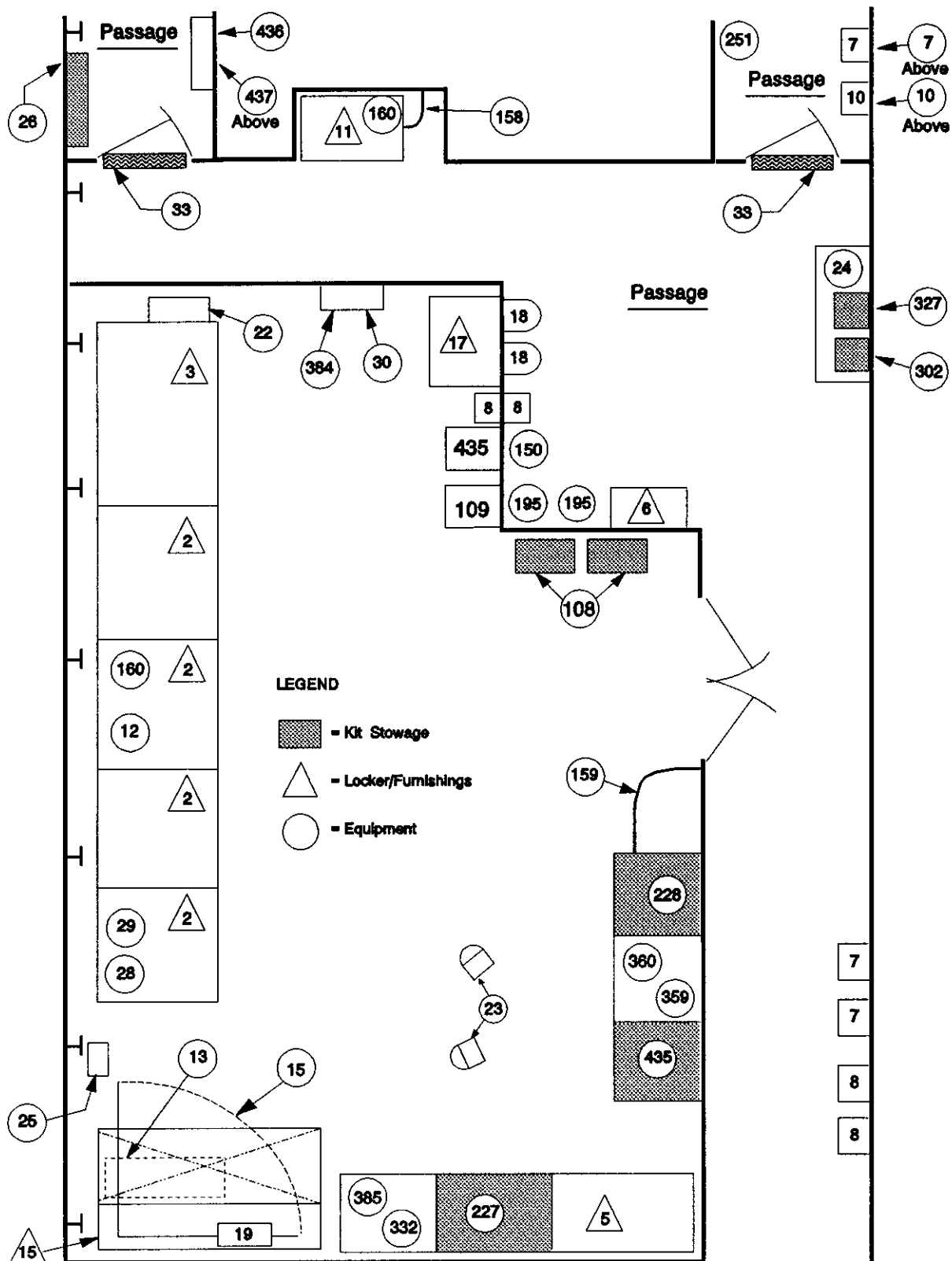
LIST OF MATERIAL / EQUIPMENT				
Location No.	Typical No. Req'd Per Space	Description	Dwg or Spec No.	Remarks
385	1	Block and Fall Assy		Repair 2, 3 & 5 only
435	1	Shoring & Plugging Tool Kit		Repair 2, 3 & 5 and DCEL
436	1	Shoring Rack, Wood	DC Stowage Sketch Sec. 4 - #088, #089 Horizontal	Repair 2, 3 & 5 only, Passageway
437	1	Shoring Rack, Metal	DC Stowage Sketch Sec. 4 - #083 through #087	Repair 2, 3 & 5 only Vertical/Horizontal Stowage Racks
600	1	Control Console		Repair 2 only or Secondary DCC
DC STOWAGE SKETCH SEC. # - #000: DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #000 DCRS: DAMAGE CONTROL REPAIR STATION DCEL: DAMAGE CONTROL EQUIPMENT LOCKER				

- NOTES:**
1. The sketches in Section 2, illustrate options for distributive stowage within DCRS and the DCRS (Locker) and zone of responsibility (passages).
  2. The Damage Control Equipment Locker (DCEL) topside reentry is also illustrated.
  3. Shock requirements must be complied with.
  4. The sketches (plan layouts) are intended as general guidance to provide options for defining distributive stowage.



# **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #002** **TYPICAL DAMAGE CONTROL REPAIR STATION (PLAN VIEW)**

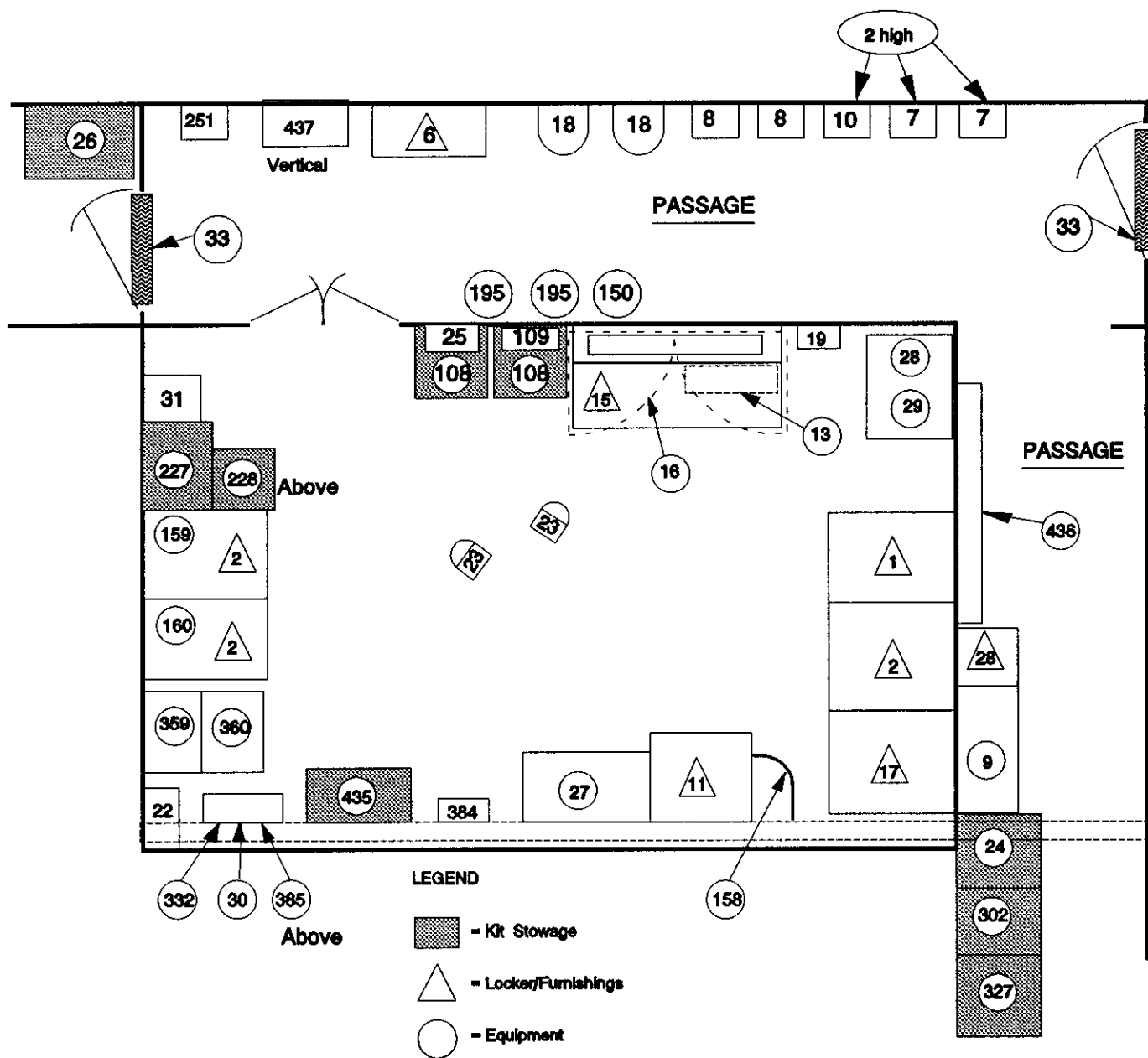
Version 1



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #002**  
**TYPICAL DAMAGE CONTROL REPAIR STATION (PLAN VIEW)**

Version 2

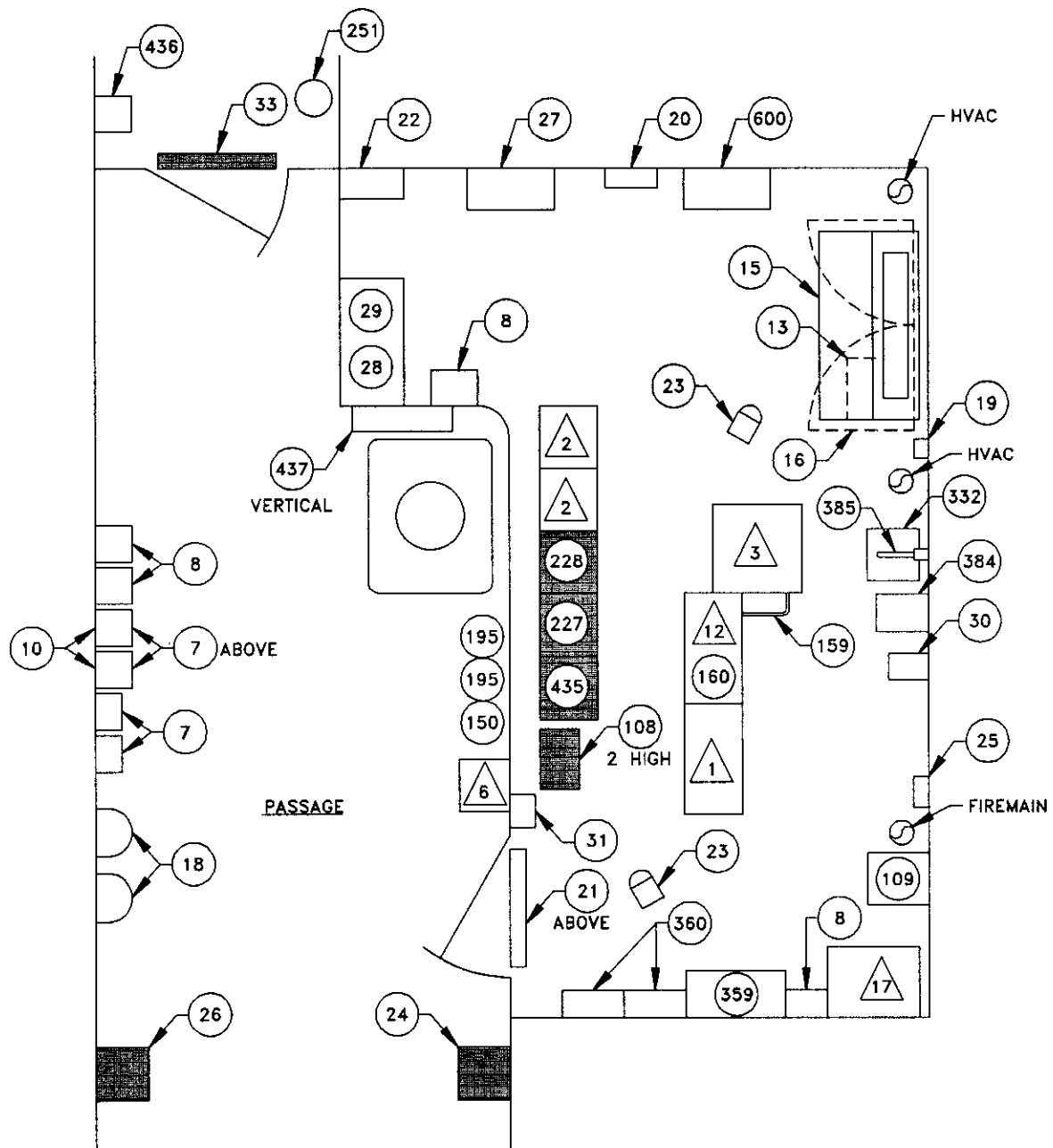




## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #002

### TYPICAL DAMAGE CONTROL REPAIR STATION (PLAN VIEW)

Version 4






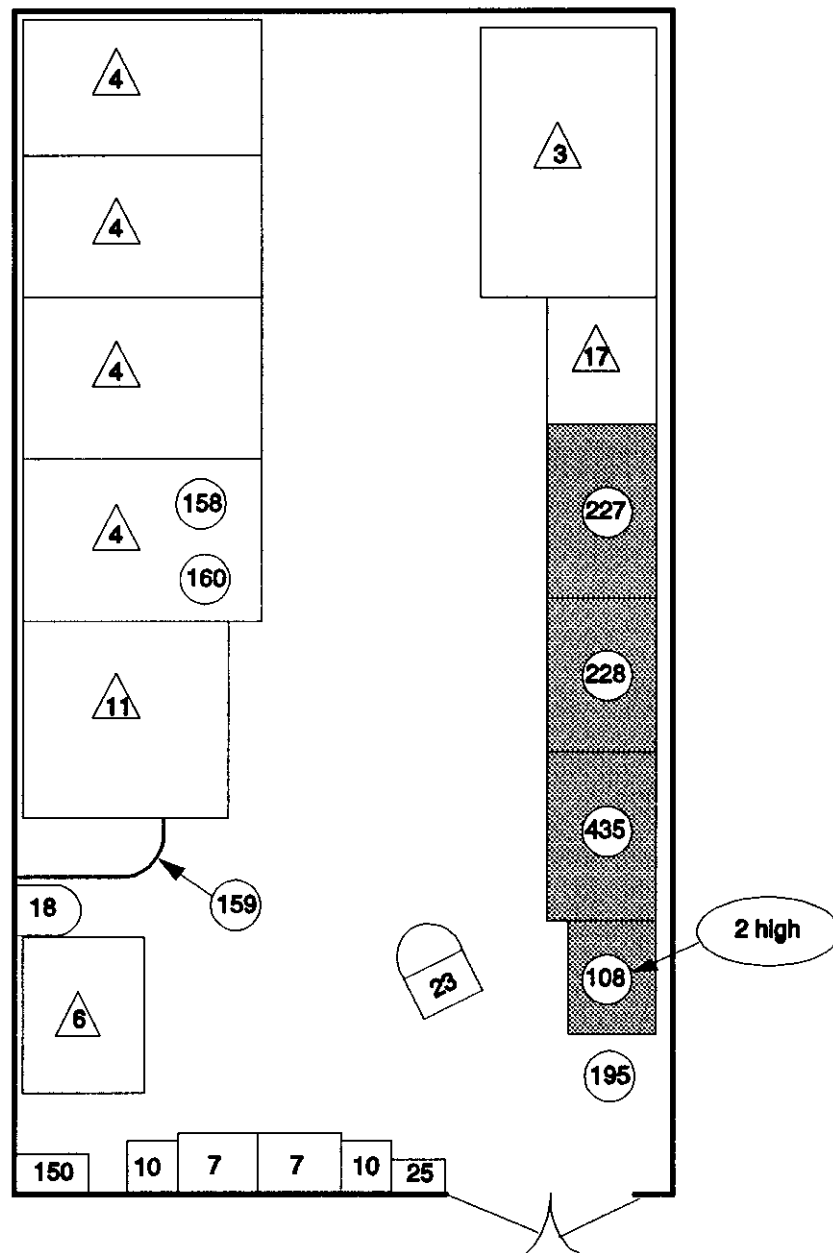
**LEGEND:**

-  KIT STOWAGE
-  LOCKER/FURNISHINGS
-  EQUIPMENT

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 002**  
**TYPICAL DAMAGE CONTROL REPAIR STATION (DCRS)**  
**SECONDARY DCC, VERSION 5**

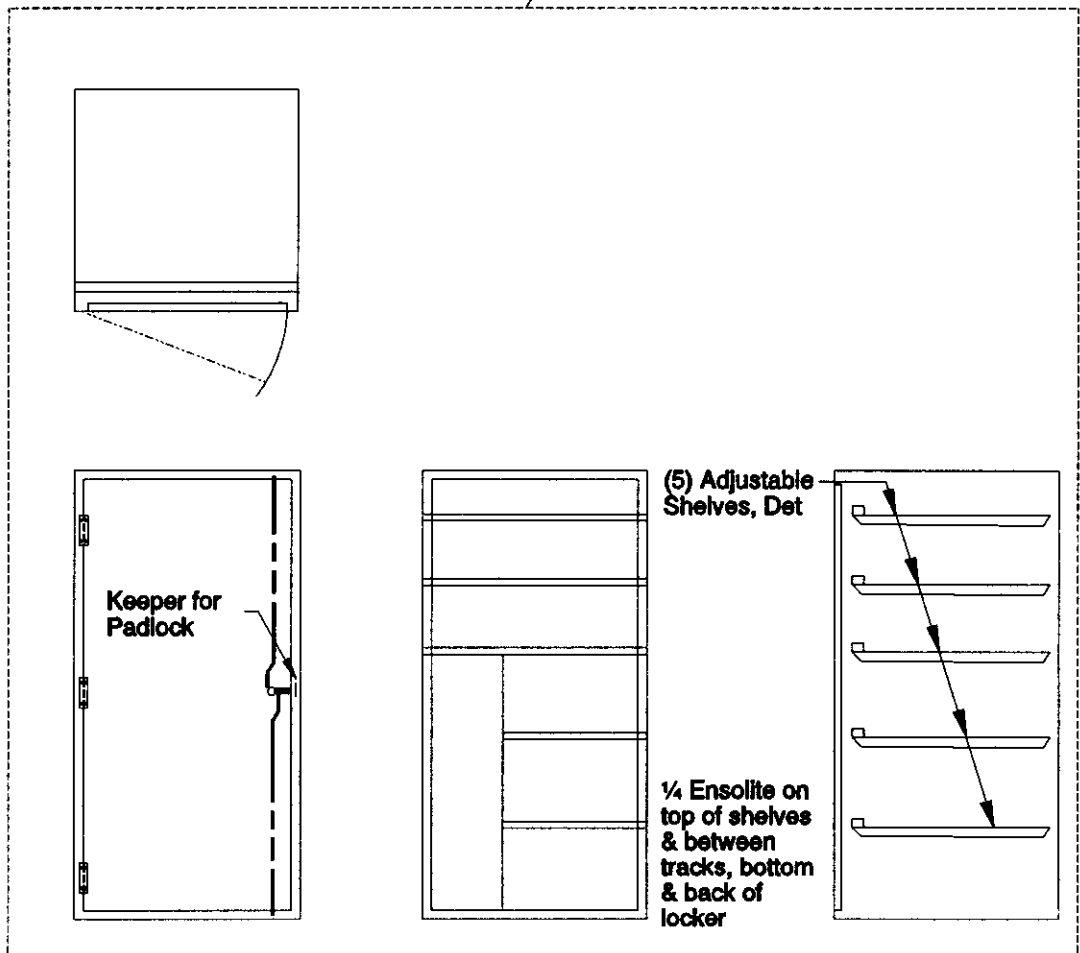
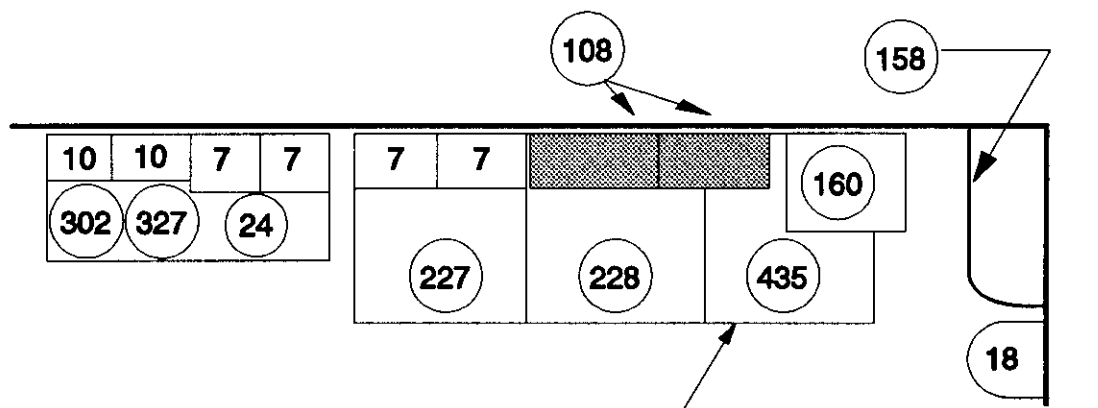
**LEGEND**

-  - Kit Stowage
-  - Locker/Furnishings
-  - Equipment



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #003**  
**TYPICAL DAMAGE CONTROL REPAIR STATION (PLAN VIEW)**



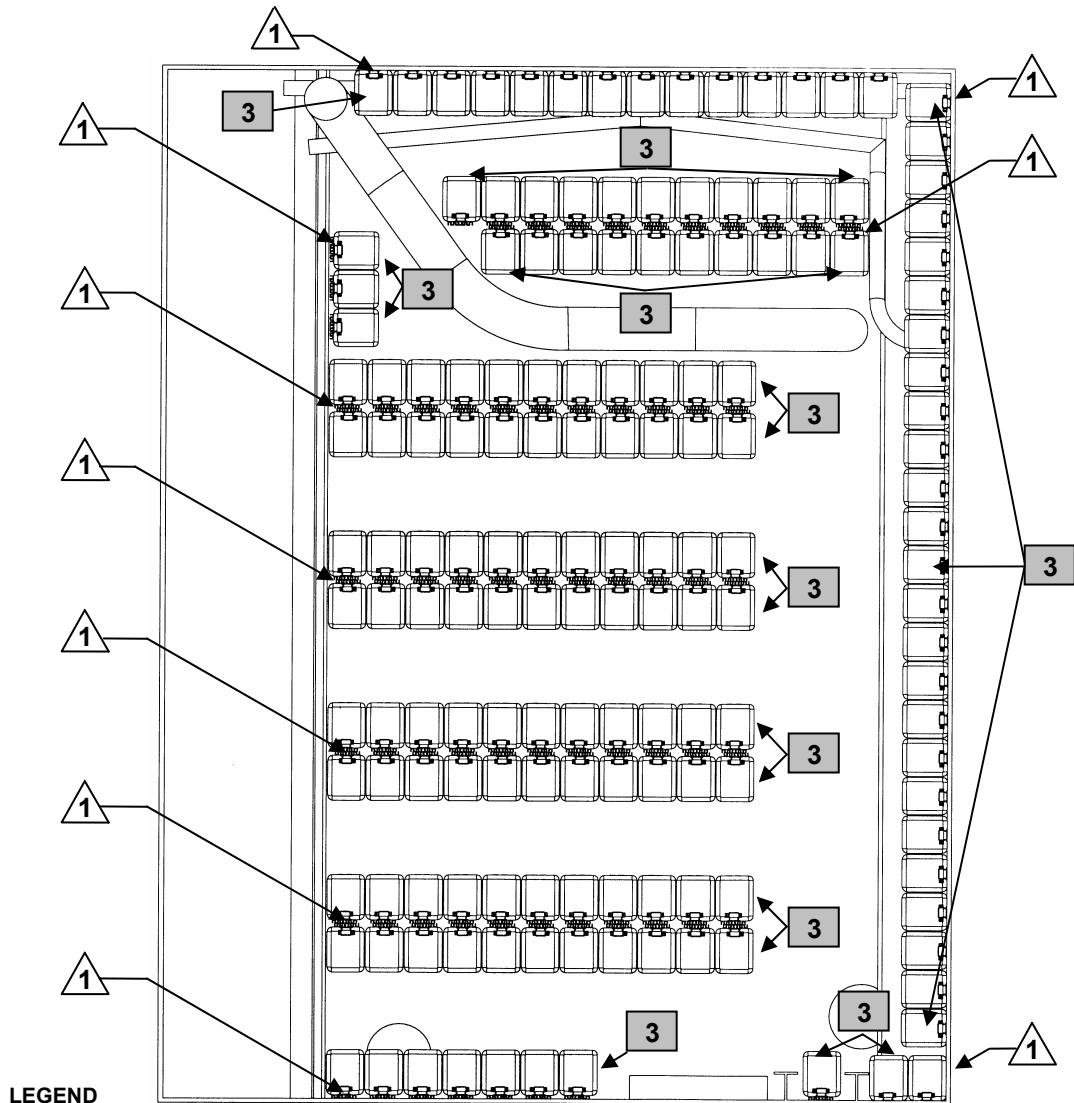


## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #004

### TYPICAL DAMAGE CONTROL REPAIR STATION (PLAN VIEW)

Passage Stowage

LIST OF MATERIAL/EQUIPMENT			
Location No.	Description	Dwg or Spec No.	Remarks
1	CBR-D IPE Rack System	DC Equipment Stowage Sketch Sec. 4 #098, #099	The number of racks in a space is dependent on the size of the space.
2	MCU-2P Rack System	DC Equipment Stowage Sketch Sec. 4 #101	The number of racks in a space is dependent on the size of the space.
3	CBR-D IPE Kit	DC Equipment Stowage Sketch Sec. 4 #098	The number of racks in a space is dependent on the size of the space.
4	MCU-2P Kit	DC Equipment Stowage Sketch Sec. 4 #101	The number of racks in a space is dependent on the size of the space.
5	Berth		
6	Locker (Personal)		



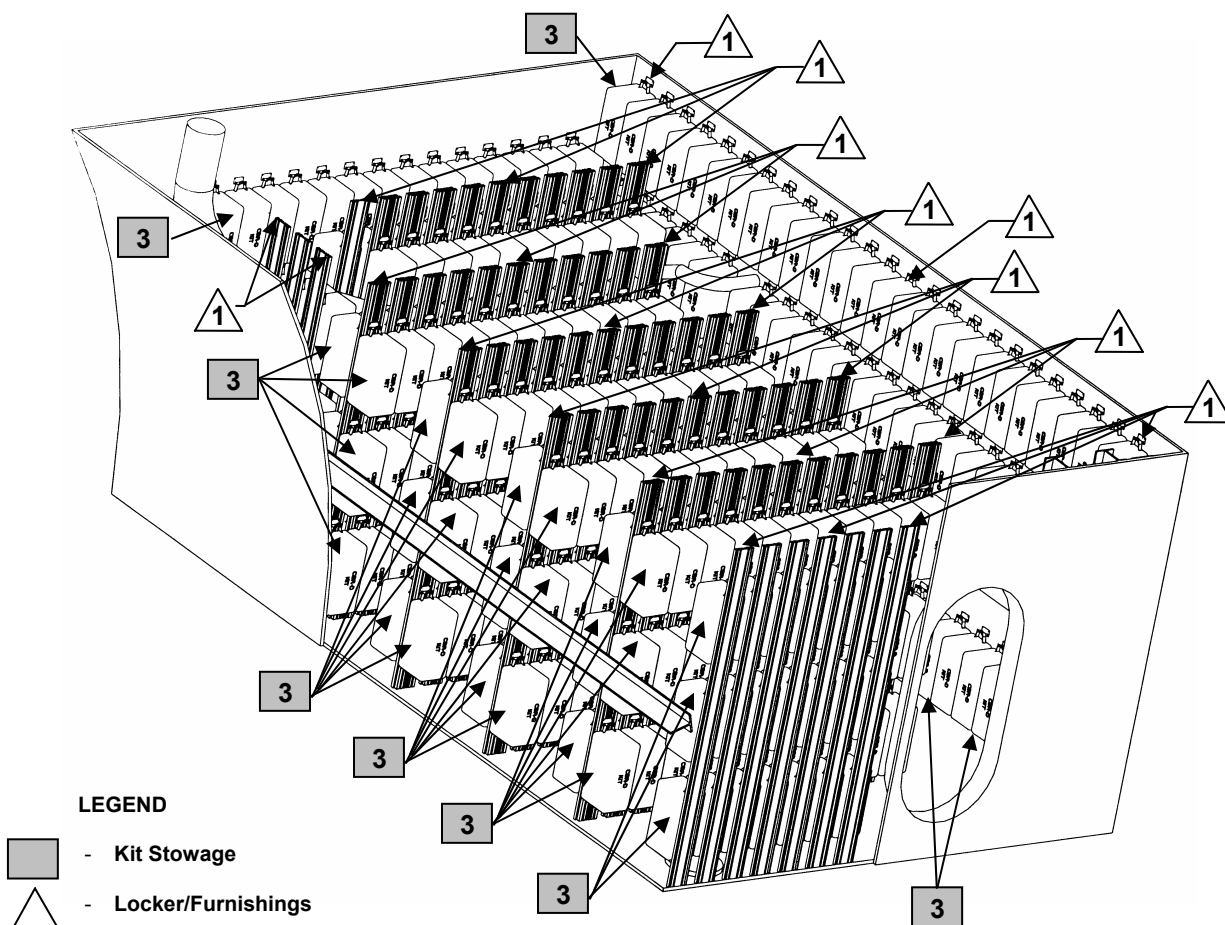
NOTE: 1. CBR RACK SYSTEMS ONLY CONTAIN INDIVIDUAL CBR-D IPE KITS.

2. CBR-D IPE KITS ARE STORED ON RACK SYSTEMS. EACH RACK CONTAINS 3 CBR-D IPE KITS ON INDIVIDUAL HOOKS.

## **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #005**

### **CBR-D IPE COMPARTMENT STOWAGE**

**VIEW #1 – OVERHEAD VIEW**



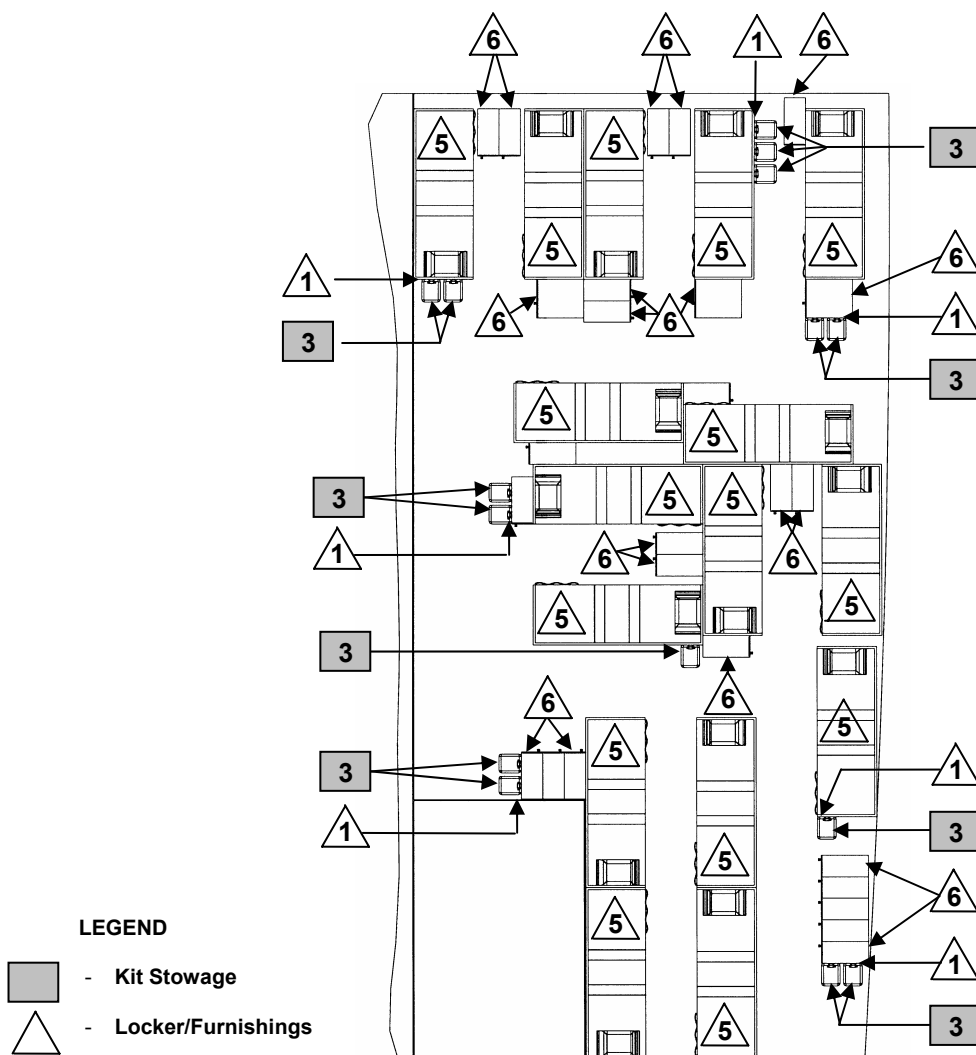
NOTE: 1. CBR RACK SYSTEMS ONLY CONTAIN INDIVIDUAL CBR-D IPE KITS.

2. CBR-D IPE KITS ARE STORED ON RACK SYSTEMS. EACH RACK CONTAINS 3 CBR-D IPE KITS ON INDIVIDUAL HOOKS.

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #006

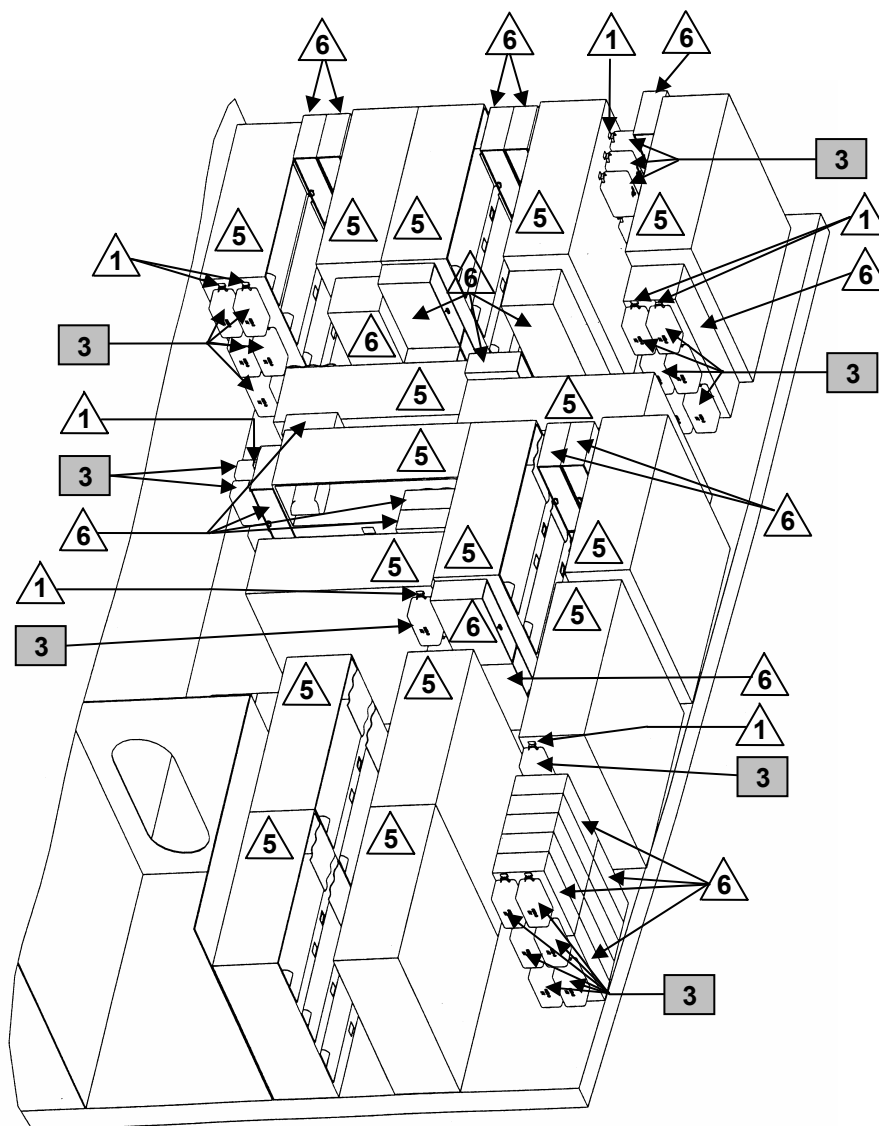
### CBR-D IPE COMPARTMENT STOWAGE

VIEW #2 – 3D VIEW



- NOTE: 1. CBR RACK SYSTEMS ONLY CONTAIN INDIVIDUAL CBR-D IPE KITS.
2. CBR-D IPE KITS ARE STORED ON RACK SYSTEMS. EACH RACK CONTAINS 3 CBR-D IPE KITS ON INDIVIDUAL HOOKS.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #007**  
**CBR-D IPE STOWAGE IN BERTHING COMPARTMENT**  
**VIEW #1 – OVERHEAD VIEW**



#### LEGEND

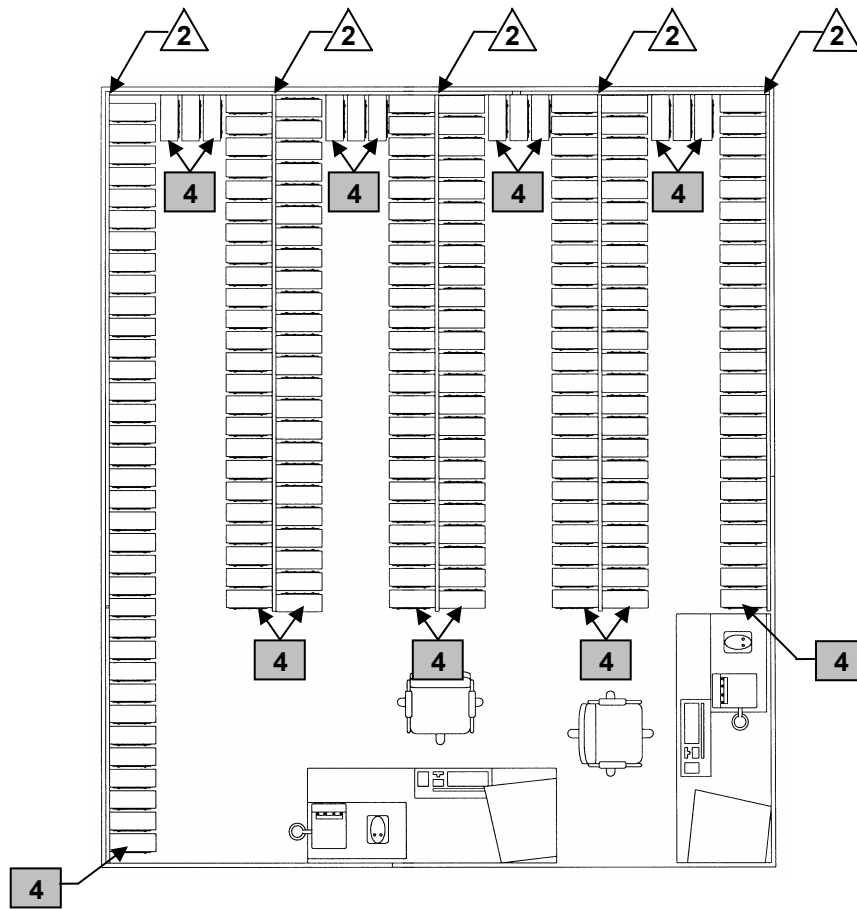
- Kit Storage
- Locker/Furnishings

- NOTE: 1. CBR RACK SYSTEMS ONLY CONTAIN INDIVIDUAL CBR-D IPE KITS.
2. CBR-D IPE KITS ARE STORED ON RACK SYSTEMS. EACH RACK CONTAINS 3 CBR-D IPE KITS ON INDIVIDUAL HOOKS.

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #008

### CBR-D IPE STOWAGE IN BERTHING COMPARTMENT

#### VIEW #2 – 3D VIEW



**LEGEND**

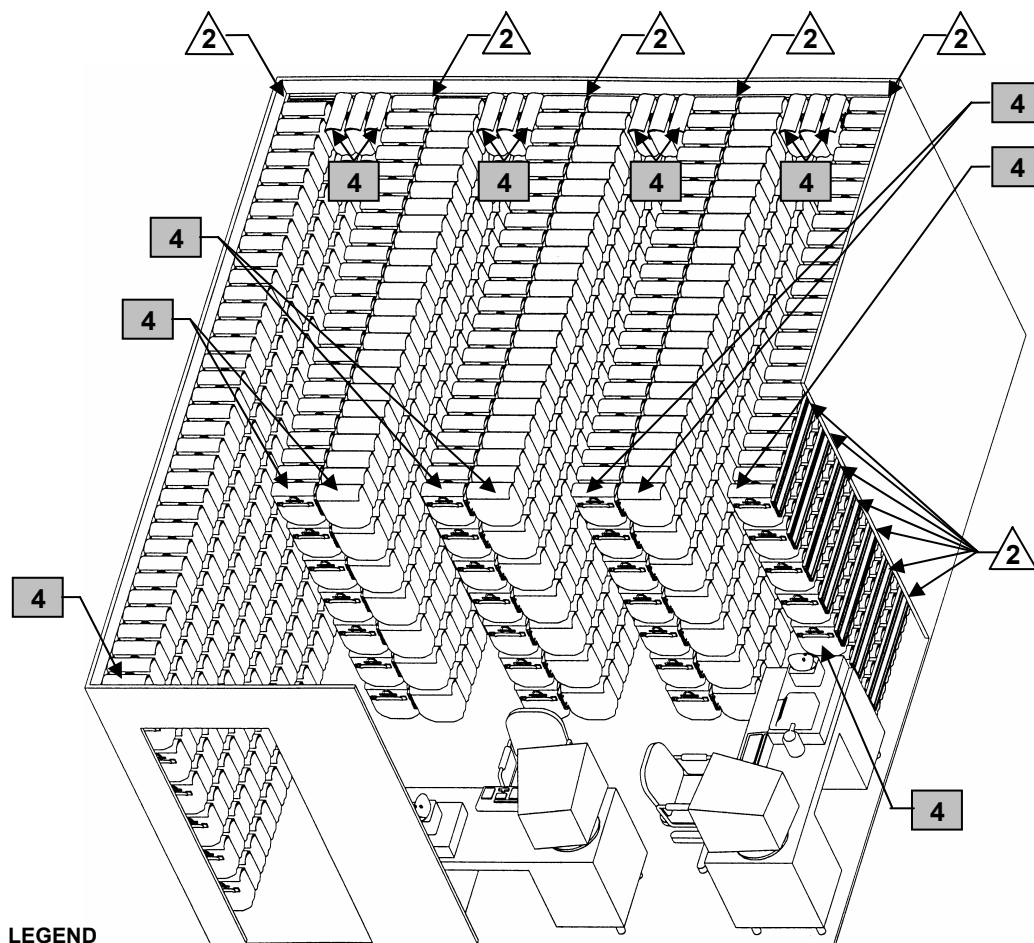
- Kit Stowage
- Locker/Furnishings

- NOTE: 1. MCU-2P RACK SYSTEMS ONLY CONTAIN INDIVIDUAL MCU-2P KITS.
2. MCU-2P KITS ARE STORED ON RACK SYSTEMS. EACH RACK CONTAINS 7 MCU-2P KITS ON INDIVIDUAL HOOKS.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #009**

**MCU-2P MASS STOWAGE**

**VIEW #1 – OVERHEAD VIEW**



#### LEGEND

- Kit Stowage
- Locker/Furnishings

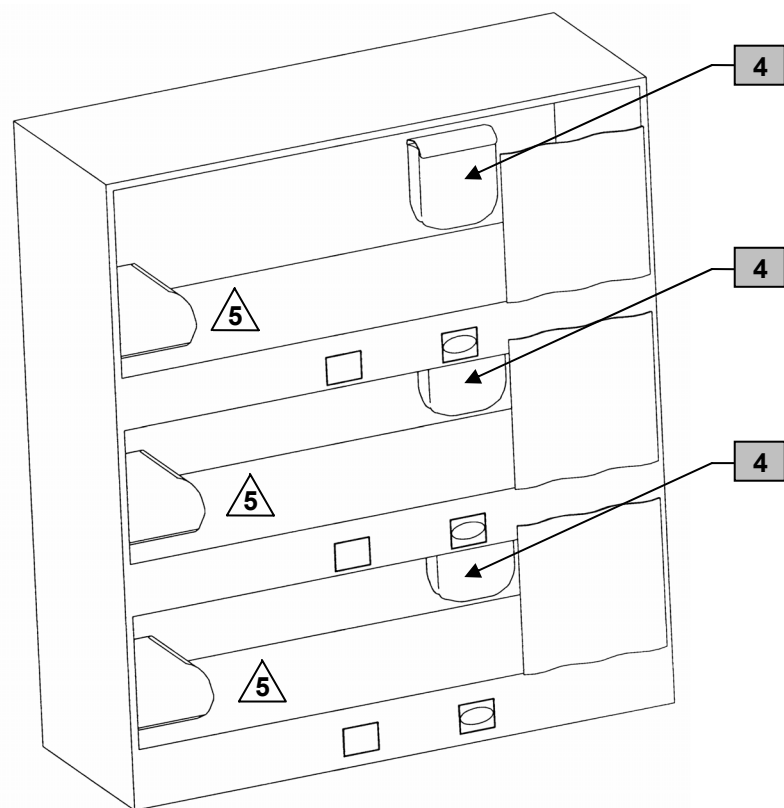
- NOTE: 1. MCU-2P RACK SYSTEMS ONLY CONTAIN INDIVIDUAL MCU-2P KITS.
2. MCU-2P KITS ARE STORED ON RACK SYSTEMS. EACH RACK CONTAINS 7 MCU-2P KITS ON INDIVIDUAL HOOKS.

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #010

### MCU-2P MASS STOWAGE

#### VIEW #2 – 3D VIEW





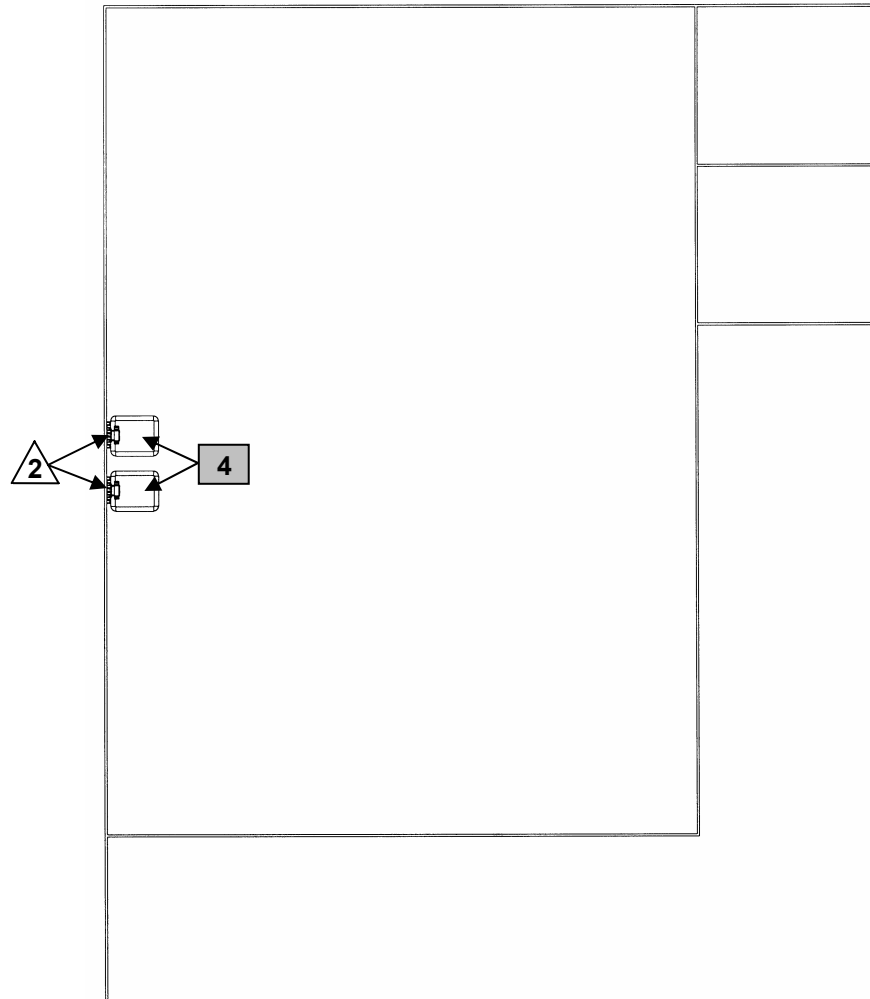
**LEGEND**

- Kit Stowage
- Locker/Furnishings



NOTE: 1. MCU-2P RACK SYSTEMS ONLY CONTAIN INDIVIDUAL MCU-2P KITS.

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #011

### MCU-2P STOWAGE IN BERTHING



**LEGEND**

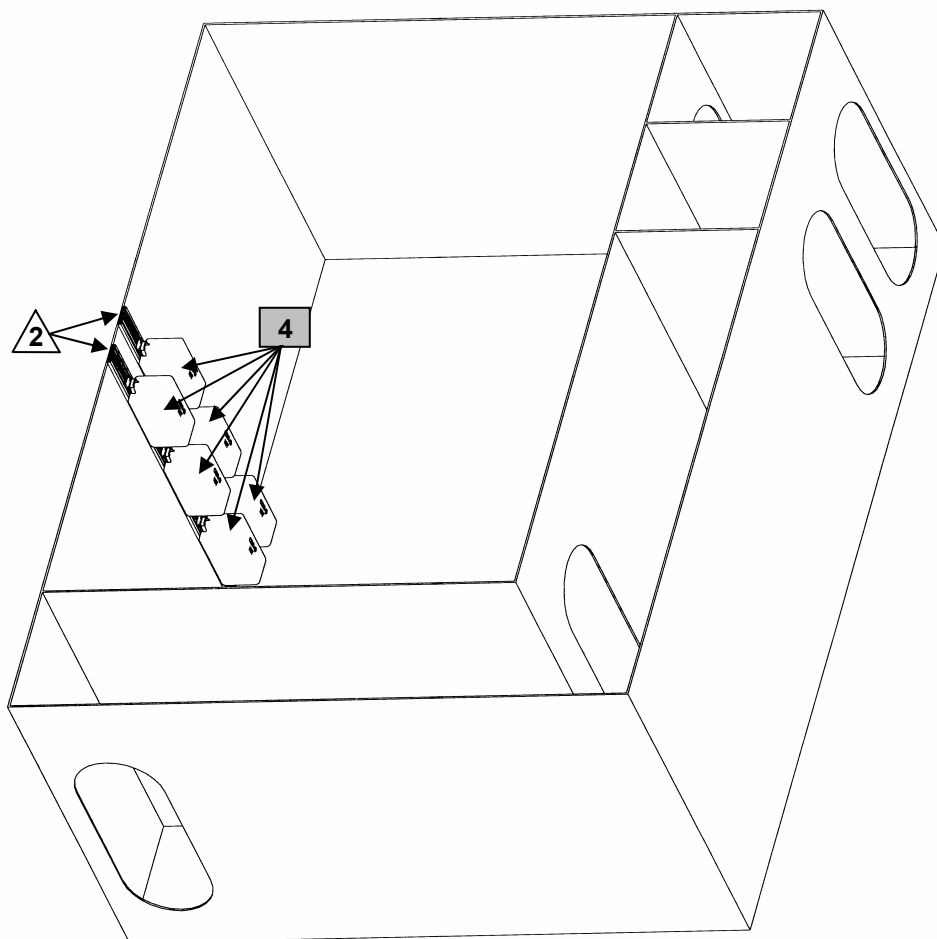
-  - Kit Stowage
-  - Locker/Furnishings

- NOTE: 1. MCU-2P RACK SYSTEMS ONLY CONTAIN INDIVIDUAL MCU-2P KITS.
2. MCU-2P KITS ARE STORED ON RACK SYSTEMS. EACH RACK CONTAINS 3 MCU-2P KITS ON INDIVIDUAL HOOKS.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #012**

**MCU-2P STOWAGE IN DECONTAMINATION STATION**

**VIEW #1 – OVERHEAD VIEW**



#### LEGEND

- Kit Stowage
- Locker/Furnishings

NOTE: 1. MCU-2P RACK SYSTEMS ONLY CONTAIN INDIVIDUAL MCU-2P KITS.  
 2. MCU-2P KITS ARE STORED ON RACK SYSTEMS. EACH RACK CONTAINS 3 MCU-2P KITS ON INDIVIDUAL HOOKS.

## **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #013**

### **MCU-2P STOWAGE IN DECONTAMINATION STATION**

**VIEW #2 – 3D VIEW**

# **Section 3**

## **PLAN LAYOUT SAMPLE SKETCHES OF DAMAGE CONTROL KITS BY FUNCTION**

- **Fire Fighting Dressout**
- **Desmoking**
- **Dewatering**
- **Personnel Protection Equipment Stowage Bag**
- **Portable Hydraulic Access and Rescue System (PHARS)**
- **CBR-D IPE**
- **MCU-2P**

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCHES

<b>SECTION 3 SKETCH NO.</b>	<b>TITLE OF SKETCH</b>
001	Fire Fighter Dress Out Area Plan #1A
002	Fire Fighter Dress Out Area Plan #1B
003	Fire Fighter Dress Out Area Plan #1C
004	Fire Fighter Dress Out Area Plan #1D
005	Fire Fighter Dress Out Area Plan #1E
006	Fire Fighter Dress Out Area Plan #1F
007	Fire Fighter Dress Out Area Plan #1G
008	Fire Fighter Dress Out Area Plan #1H
009	Fire Fighter Dress Out Area Plan #1I
010	Desmoking Equipment Plan #2A
011	Desmoking Equipment Plan #2B
012	Desmoking Equipment Plan #2C
013	Desmoking Equipment Plan #2D
014	Desmoking Equipment Plan #2E
015	Desmoking Equipment Plan #2F
016	Desmoking Equipment Plan #2G
017	Dewatering Equipment Plan P-250 Pump and Accessories Plan #3A
018	Dewatering Equipment Plan P-250 Pump and Accessories Plan #3B
019	Dewatering Equipment Plan P-250 Pump and Accessories Plan #3C
020	Dewatering Equipment Plan #3D
021	Dewatering Equipment Plan #3E
022	Dewatering Equipment Plan #3F
023	Dewatering Equipment Plan #3G
024	Dewatering Equipment Plan #3H
25	Personnel Protection Equipment Stowage Bag
025	Portable Hydraulic Access and Rescue System (PHARS) Plan #1
026	Portable Hydraulic Access and Rescue System (PHARS) Plan #2
027	Portable Hydraulic Access and Rescue System (PHARS) Plan #3
028	Portable Hydraulic Access and Rescue System (PHARS) Plan #3A

SECTION 3 SKETCH NO.	TITLE OF SKETCH
029	CBR-D IPE Stowage Rack System
030	MCU-2P Stowage Plan – Berthing Area
031	MCU-2P Stowage Plan – Workstation
032	MCU-2P Stowage Plan – Bridge Watch Station

(a) 1 PERSONNEL LOCKER, 27" x 21" x 74"

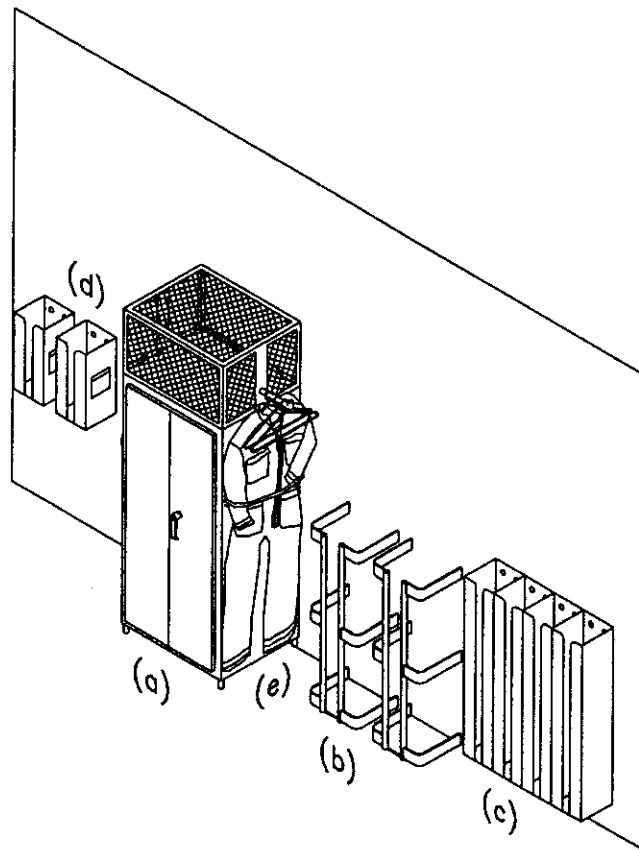
1 BAG, FIREMANS  
6 PAIRS BOOTS (SEL SIZE)  
6 PAIRS COVERALL (SEL SIZE)  
6 OBA CANISTERS (READY SERVICE)  
6 PAIRS GLOVES

(b) 2 HELMET RACK, 16" x 13" x 48" (10 PCS)

(c) 4 CANISTER RACK, 8" x 8-1/8" x 42" (36 EACH)

(d) 2 OBA CANISTER, PORTABLE PACK (DC 0004)

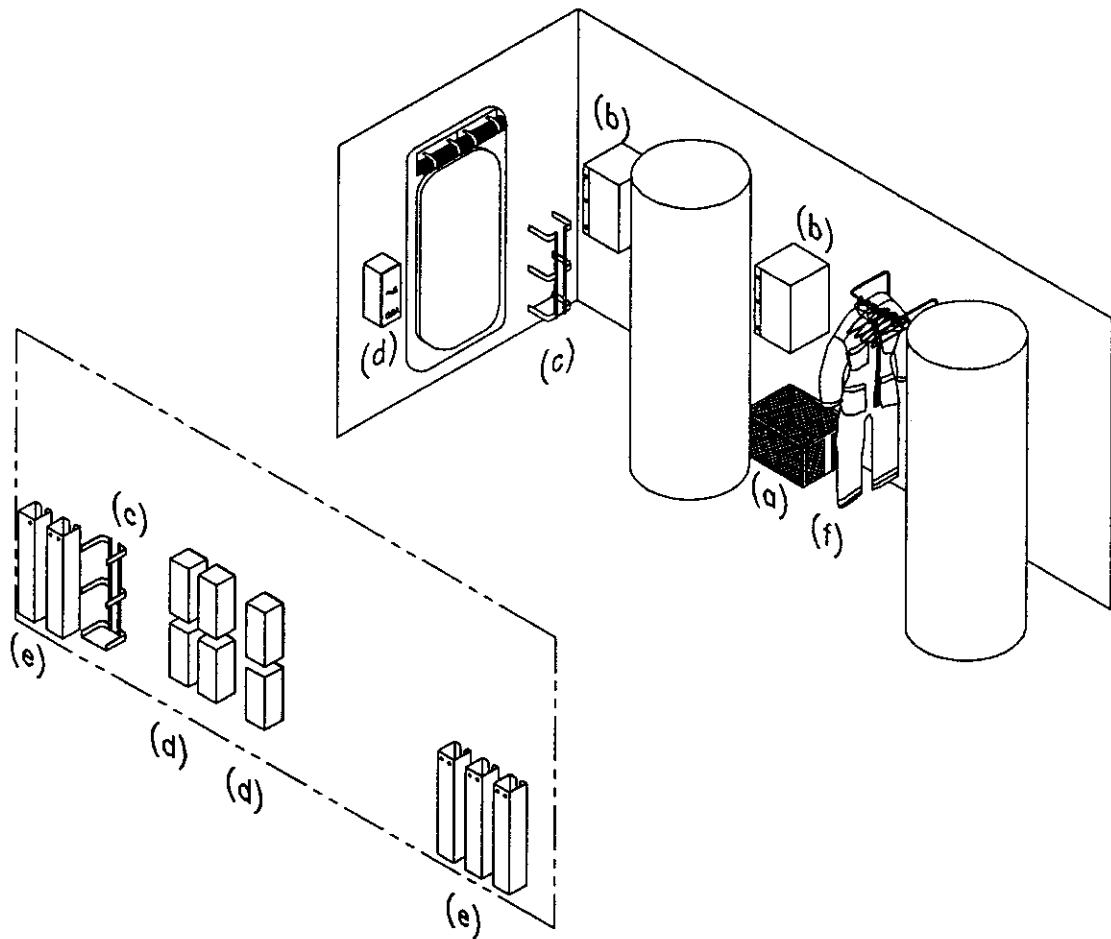
(e) 6 FF COVERALL (ENSEMBLE) (3 HUNG ON EACH SIDE OF LOCKER)



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 001**

**FIREFIGHTER DRESS OUT AREA PLAN # 1A**

- (a) BOOTS LOCKER
- (b) ABT
- (c) HELMET RACK, 16" x 13" x 48" (10 PCS)
- (d) OBA LOCKER
- (e) OBA CANISTER, PORTABLE PACK (6 CANISTER)
- (f) 6 ENSEMBLES

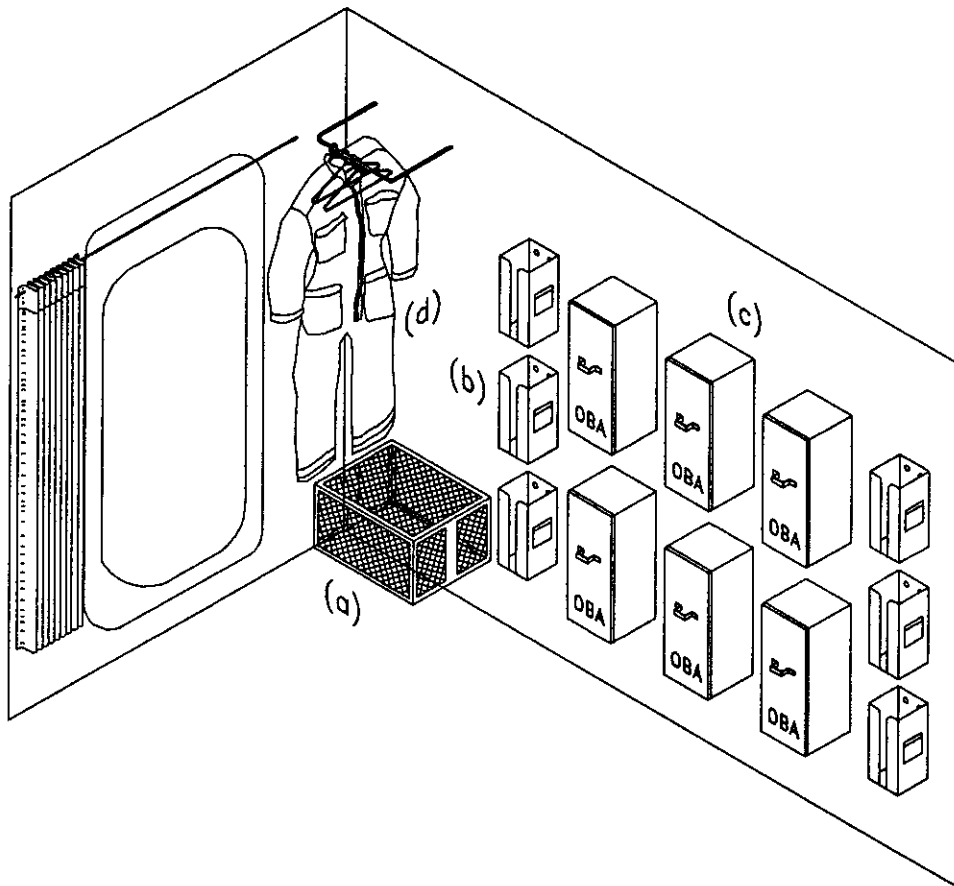


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 002**

**FIREFIGHTER DRESS OUT AREA PLAN #1B**



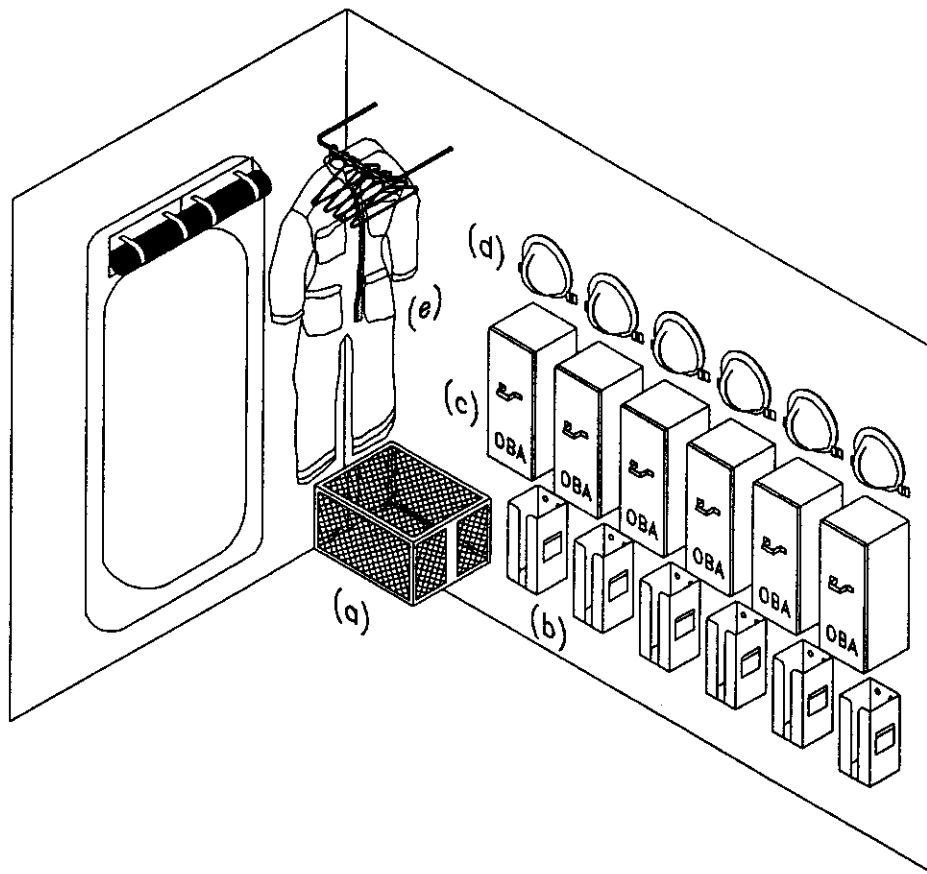
- (a) 1 BOOTS LOCKER
- (b) 6 CANISTER RACKS, (6 PACK)
- (c) 6 OBA LOCKER
- (d) 3 ENSEMBLES



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 003**

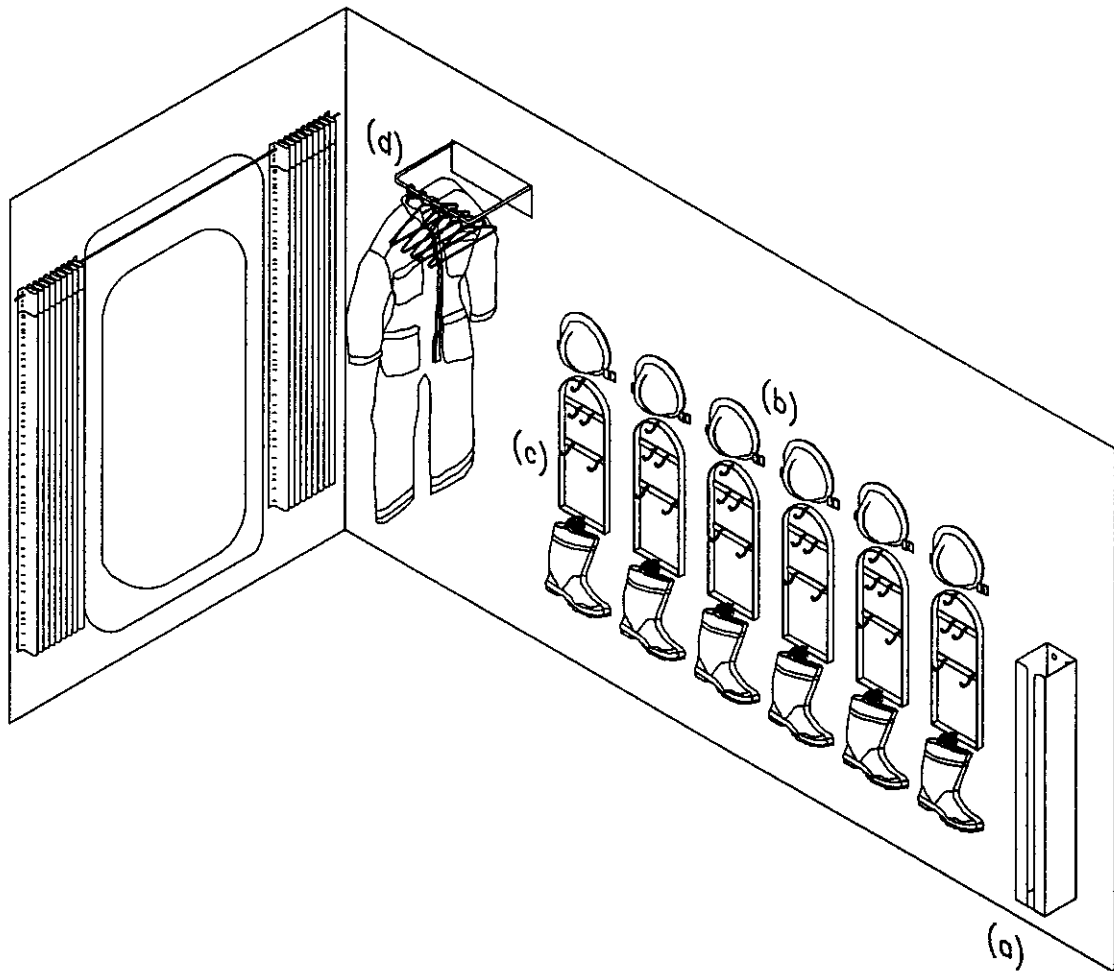
**FIREFIGHTER DRESS OUT AREA PLAN #1C**

- (a) 1 BOOTS LOCKER
- (b) 6 CANISTER RACKS, (6 PACK)
- (c) 6 OBA LOCKER
- (d) 6 HELMETS
- (e) 6 ENSEMBLES



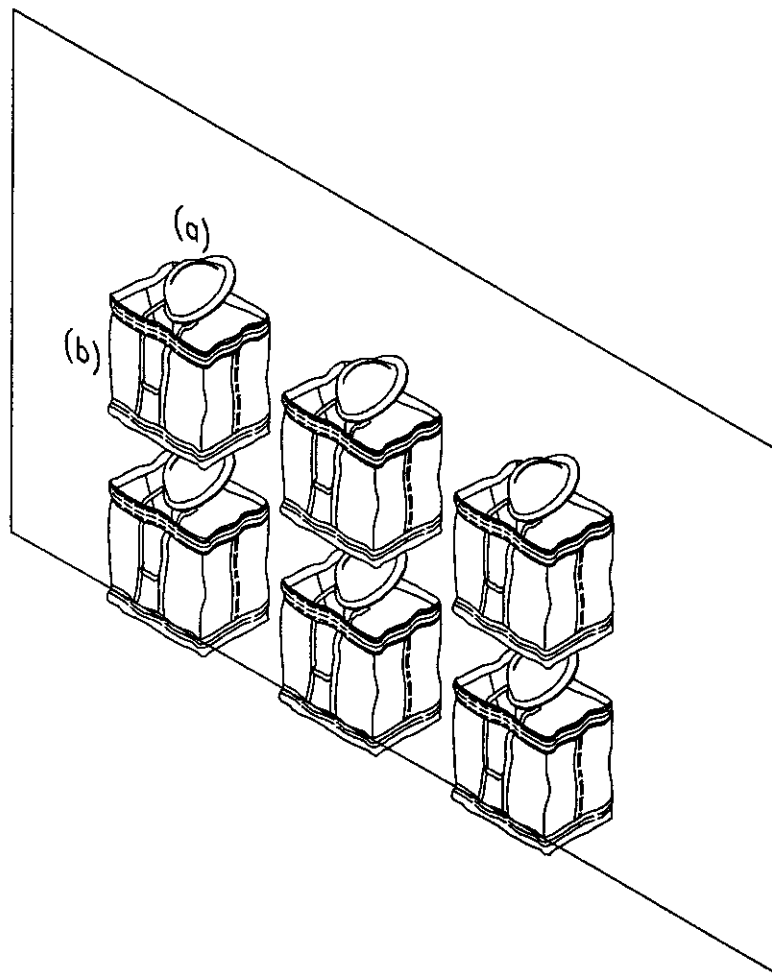
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 004**  
**FIREFIGHTER DRESS OUT AREA PLAN #1D**

- (a) 1 CANISTER RACK, 8" x 8-1/8" x 42" (36 EACH)
- (b) 6 HELMET
- (c) 6 OBA RACKS WITH BOOTS
- (d) 6 ENSEMBLES



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 005**  
**FIREFIGHTER DRESS OUT AREA PLAN #1E**

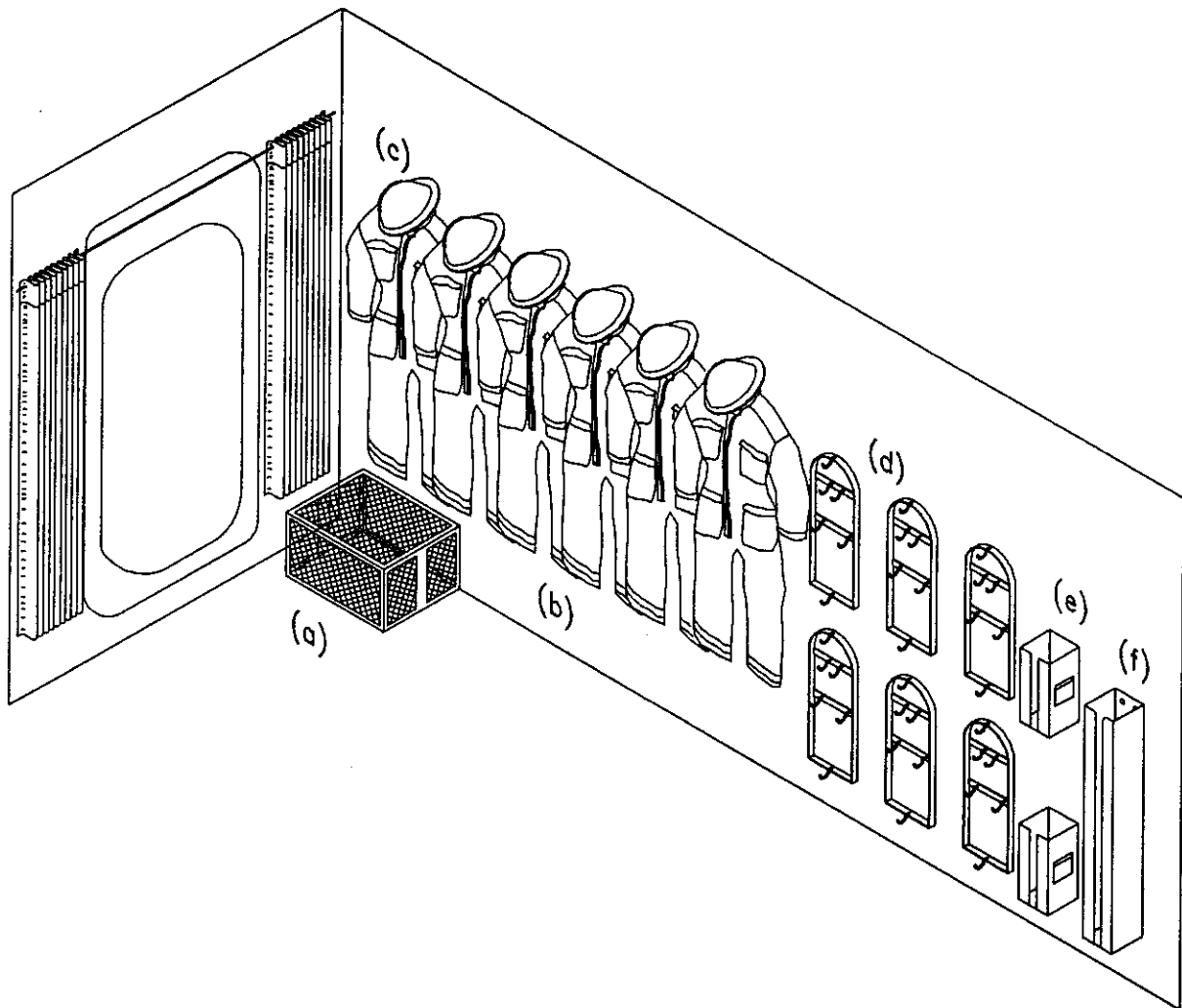
- (a) 6 HELMET
- (b) 6 FIREMAN'S BAG
- 6 PAIRS BOOTS
- 6 PAIRS GLOVES
- 6 OBA
- 6 FF COVERALL



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 006**

**FIREFIGHTER DRESS OUT AREA #1F**

- (a) 1 BOOTS LOCKER (6 PAIRS)
- (b) 6 ENSEMBLES (SEL SIZE)
- (c) 6 HELMETS
- (d) 6 OBA RACK
- (e) 2 CANISTER RACKS (6 PACK) (DC 0004)
- (f) 1 CANISTER RACK, 8" x 8-1/8" x 42" (36 CANS)



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 007**

**FIREFIGHTER DRESS OUT AREA PLAN #1G**

(a) 1 PERSONNEL LOCKER, 27" x 21" x 74"

1 BAG, FIREMANS  
6 PAIRS BOOTS (SEL SIZE)  
6 PAIRS COVERALL (SEL SIZE)  
6 OBA CANISTERS (READY SERVICE)  
6 PAIRS GLOVES

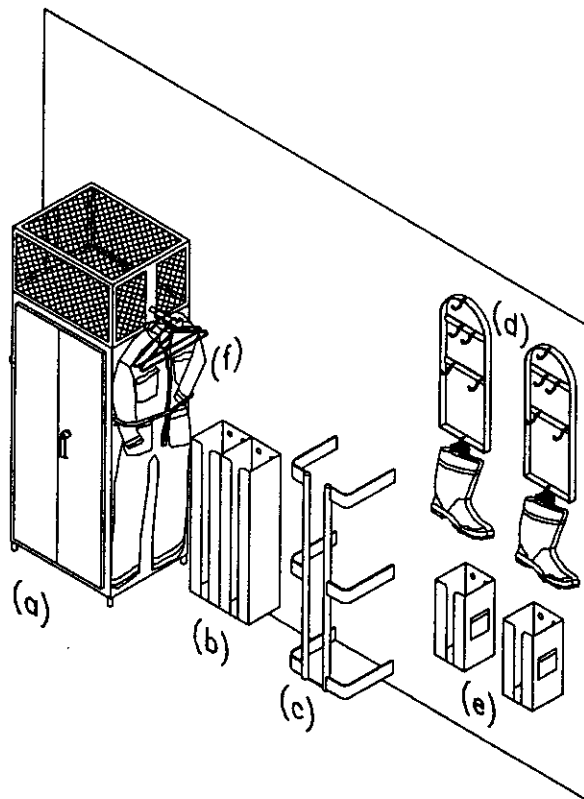
(b) 2 CANISTER RACK, 8" x 8-1/8" x 36" (36 EACH)

(c) 1 HELMET RACK, 16" x 13" x 48" (10 PCS)

(d) 2 OBA RACKS ("INVESTIGATOR")

(e) 2 OBA CANISTER, PORTABLE PACK (DC 0004)

(f) 6 ENSEMBLES (3 HUNG ON EACH SIDE OF LOCKER)



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 008**

**FIREFIGHTER DRESS OUT AREA PLAN #1H**

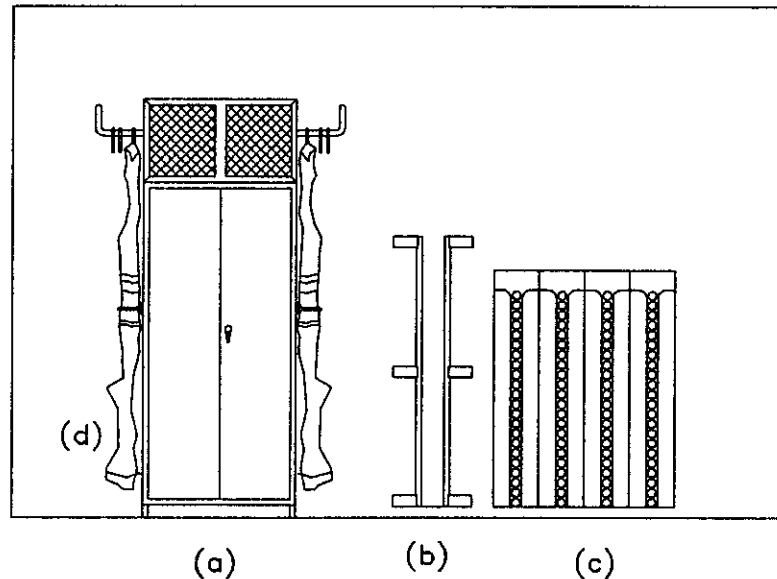
(a) 1 PERSONNEL LOCKER, 27" x 21" x 74"

1 BAG, FIREMANS  
6 PAIRS BOOTS (SEL SIZE)  
6 PAIRS COVERALL (SEL SIZE)  
6 OBA CANISTERS (READY SERVICE)  
6 PAIRS GLOVES

(b) 2 HELMET RACK, 16" x 13" x 48" (10 PCS)

(c) 4 CANISTER RACK, 8" x 8-1/8" x 42" (36 EACH)

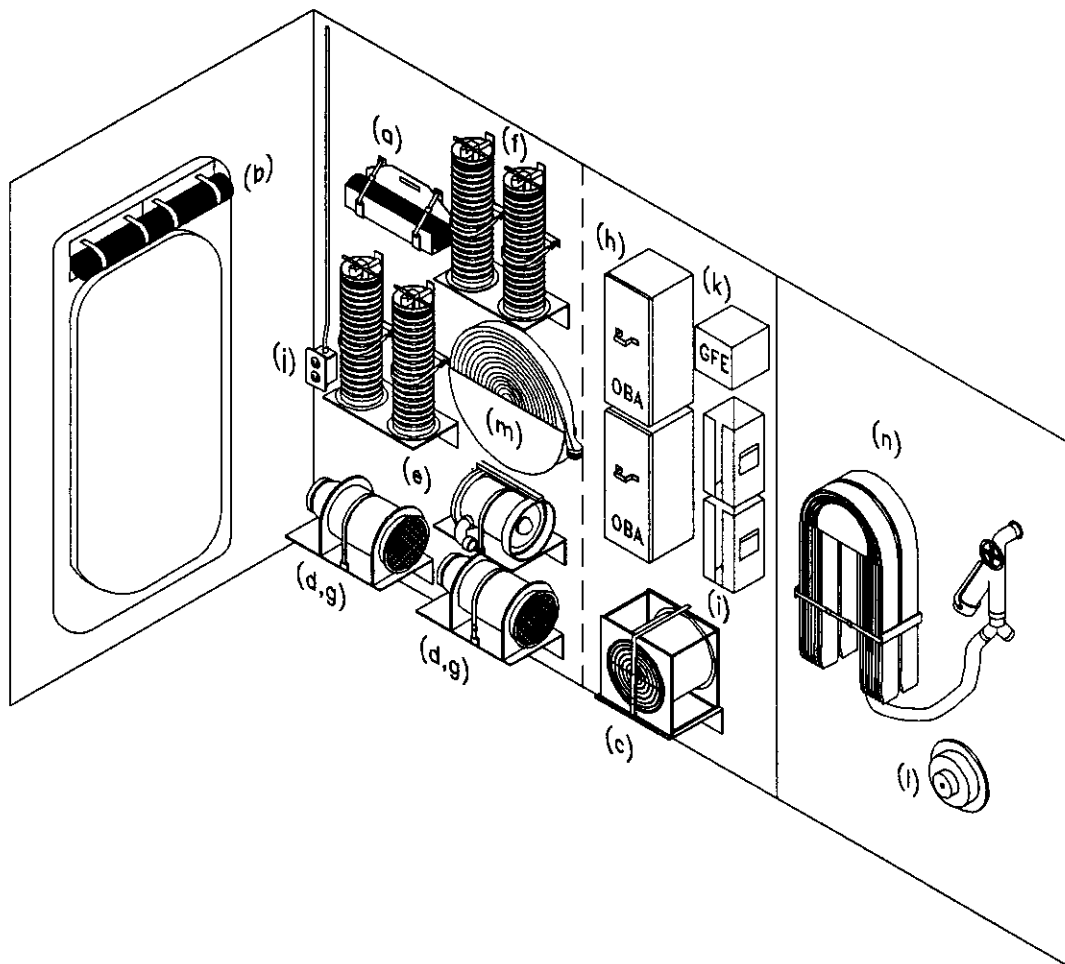
(d) 6 FF COVERALL (ENSEMBLE) (3 HUNG ON EACH SIDE OF LOCKER)



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 009**

**FIREFIGHTER DRESS OUT AREA PLAN #11**

- (a) 1 RACK - SMOKE CURTAIN
- (b) 2 SMOKE CURTAINS PRE-HANG
- (c) 1 FAN TUBEAXIAL 5200 CPFM
- (d) 2 FAN VANEAXIAL (RED DEVIL)
- (e) 1 RAM FAN, WATER DRIVEN
- (f) 4 HOSE AIRDUCT
- (g) 2 CABLE ASSEMBLY 25 Ft (STOWED, 1 EACH RED DEVIL)
- (h) 2 OBA LOCKERS
- (i) 2 CANISTER RACKS (6 PACK)
- (j) 1 ELECTRICAL CONNECTION OUTLET
- (k) 1 GAS FREE ENGINEERS EQUIPMENT STOWAGE
- (l) 1 OVERBOARD DISCHARGE
- (m) 1 HOSE ASSEMBLY, 1-1/2" x 50'
- (n) 2 HOSE ASSEMBLY, 2-1/2" x 1-1/2"



**NOTE:**

1. EQUIPMENT BRACKET FOUNDATIONS INSTALLED 6" ABOVE DECK.
2. HORIZONTAL DISTANCE BETWEEN EQUIPMENT APPROX. 4".
3. VERTICAL DISTANCE BETWEEN EQUIPMENT APPROX. 2".
4. TOTAL SPACE REQUIREMENTS - 72"W x 80"H x 20"D.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 010**

**DESMOKING EQUIPMENT PLAN #2A**

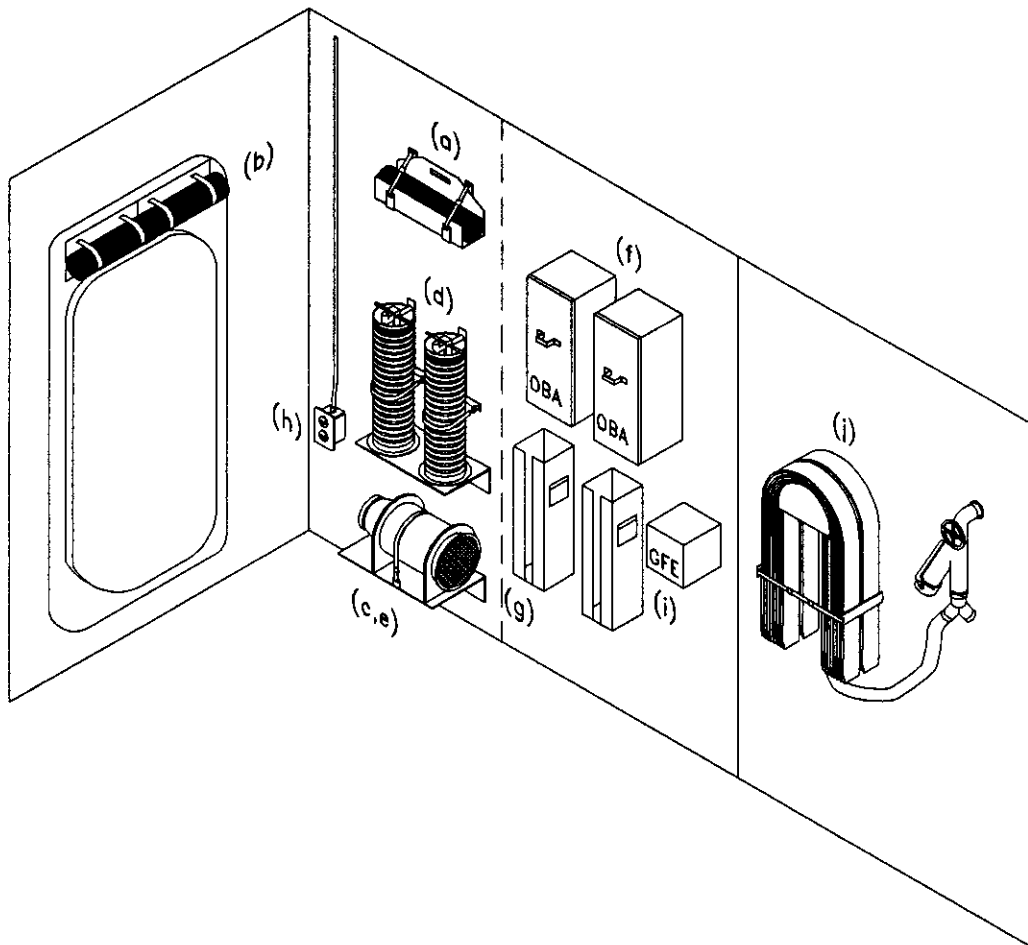


- 
- Diagram illustrating the installation of equipment bracket foundations (labeled (b) through (k)) mounted 6" above the deck. The components include:
- (b) Vertical support structure.
  - (n) U-shaped bracket with a hose connection.
  - (m) Circular component.
  - (l) Fan or blower assembly.
  - (a) Rectangular component.
  - (e) Motor or pump assembly.
  - (f) Four vertical cylindrical components.
  - (d,g) Two motor or pump assemblies.
  - (i) Small rectangular component.
  - (h) Two OBA (Overboard Air) units.
  - (k) GFE (Gas Flow Exhaust) unit.
  - (c) Fan or blower assembly.
  - (j) Vertical support structure.
- NOTE: 1. EQUIPMENT BRACKET FOUNDATIONS INSTALLED 6" ABOVE DECK

1. EQUIPMENT BRACKET FOUNDATIONS INSTALLED 6" ABOVE DECK.
2. HORIZONTAL DISTANCE BETWEEN EQUIPMENT APPROX. 4".
3. VERTICAL DISTANCE BETWEEN EQUIPMENT APPROX. 2".
4. TOTAL SPACE REQUIREMENTS - 72"W x 80"H x 20"D.

**DESMOKING EQUIPMENT PLAN #2B**

- (a) 1 RACK - SMOKE CURTAIN
- (b) 2 SMOKE CURTAINS PRE-HANG
- (c) 1 FAN VANEAXIAL (RED DEVIL)
- (d) 2 HOSE AIRDUCT
- (e) 1 CABLE ASSEMBLY 25 Ft (STOWED, 1 EACH RED DEVIL)
- (f) 2 OBA LOCKERS
- (g) 2 CANISTER RACKS (6 PACK)
- (h) 1 ELECTRICAL CONNECTION OUTLET
- (i) 1 GAS FREE ENGINEERS EQUIPMENT STOWAGE
- (j) 2 HOSE ASSEMBLY, 2-1/2" x 50'



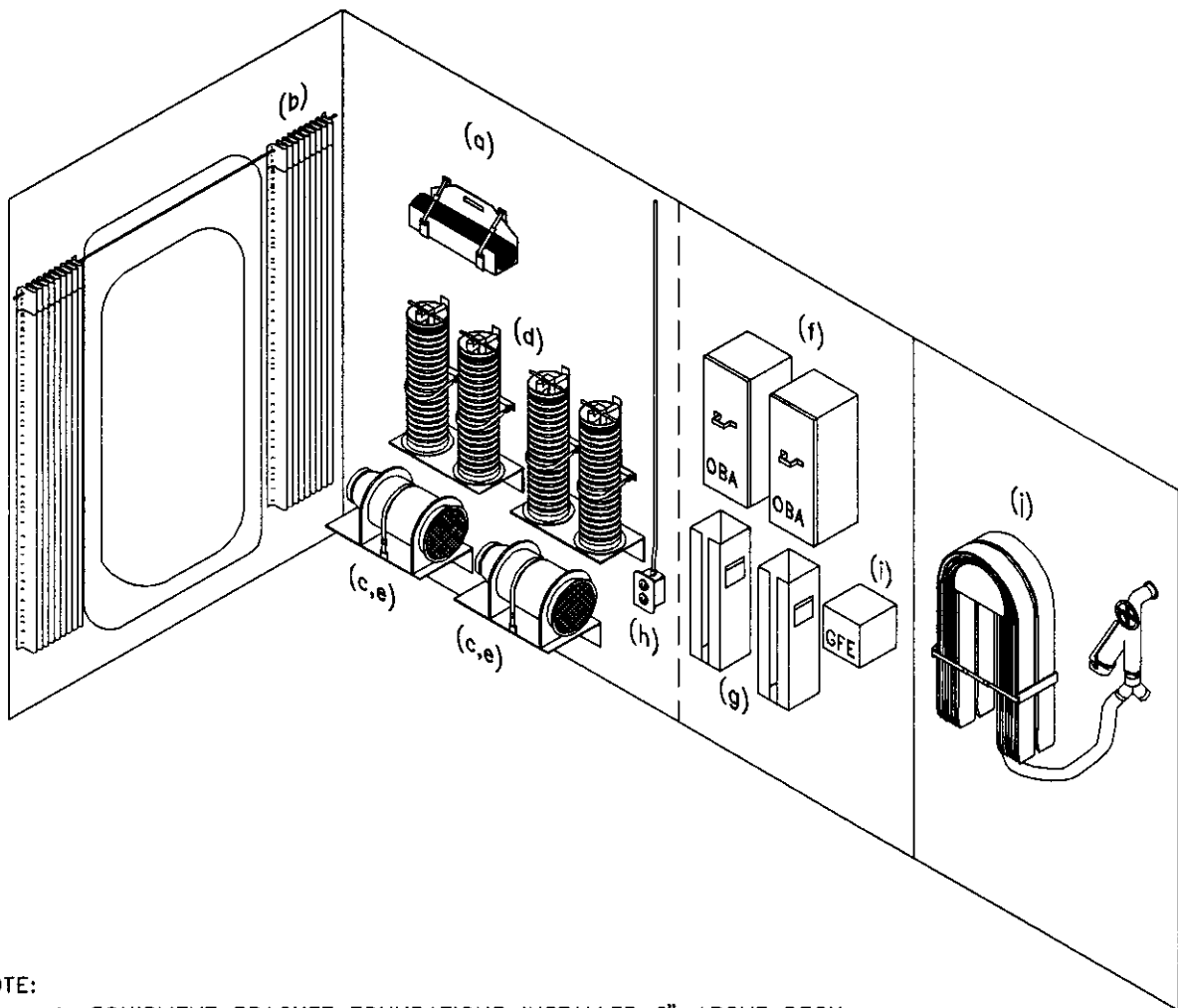
NOTE:

1. EQUIPMENT BRACKET FOUNDATIONS INSTALLED 6" ABOVE DECK.
2. HORIZONTAL DISTANCE BETWEEN EQUIPMENT APPROX. 4".
3. VERTICAL DISTANCE BETWEEN EQUIPMENT APPROX. 2".
4. TOTAL SPACE REQUIREMENTS - 60"W x 80"H x 20"D.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 012**

**DESMOKING EQUIPMENT PLAN #2C**

- (a) 1 RACK - SMOKE CURTAIN
- (b) 2 SMOKE CURTAINS PRE-HANG
- (c) 2 FAN VANEAXIAL (RED DEVIL)
- (d) 4 HOSE AIRDUCT
- (e) 1 CABLE ASSEMBLY 25 Ft (STOWED ON RED DEVIL)
- (f) 2 OBA LOCKERS
- (g) 2 CANISTER RACKS (6 PACK)
- (h) 1 ELECTRICAL CONNECTION OUTLET
- (i) 1 GAS FREE ENGINEERS EQUIPMENT STOWAGE
- (j) 2 HOSE ASSEMBLY, 2-1/2" x 50'



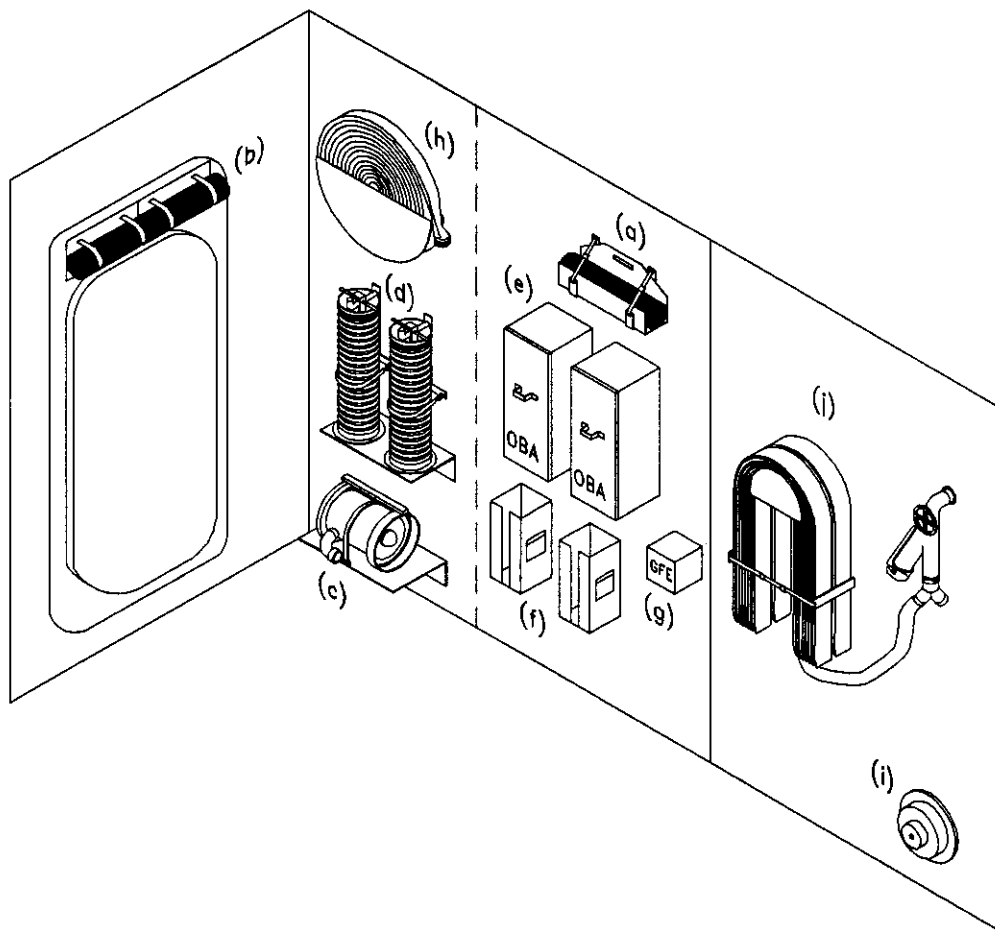
NOTE:

1. EQUIPMENT BRACKET FOUNDATIONS INSTALLED 6" ABOVE DECK.
2. HORIZONTAL DISTANCE BETWEEN EQUIPMENT APPROX. 4".
3. VERTICAL DISTANCE BETWEEN EQUIPMENT APPROX. 2".
4. TOTAL SPACE REQUIREMENTS - 60"W x 80"H x 20"D.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 013**

**DESMOKING EQUIPMENT PLAN #2D**

- (a) 1 RACK - SMOKE CURTAIN
- (b) 2 SMOKE CURTAINS PRE-HANG
- (c) 1 RAM FAN - WATER DRIVEN
- (d) 2 HOSE AIRDUCT
- (e) 2 OBA LOCKERS
- (f) 2 CANISTER RACKS (6 PACK)
- (g) 1 GAS FREE ENGINEERS STOWAGE
- (h) 2 HOSE ASSEMBLY, 1-1/2" x 50'
- (i) 1 OVERBOARD DISCHARGE
- (j) 2 HOSE ASSEMBLY, 2-1/2" x 50'



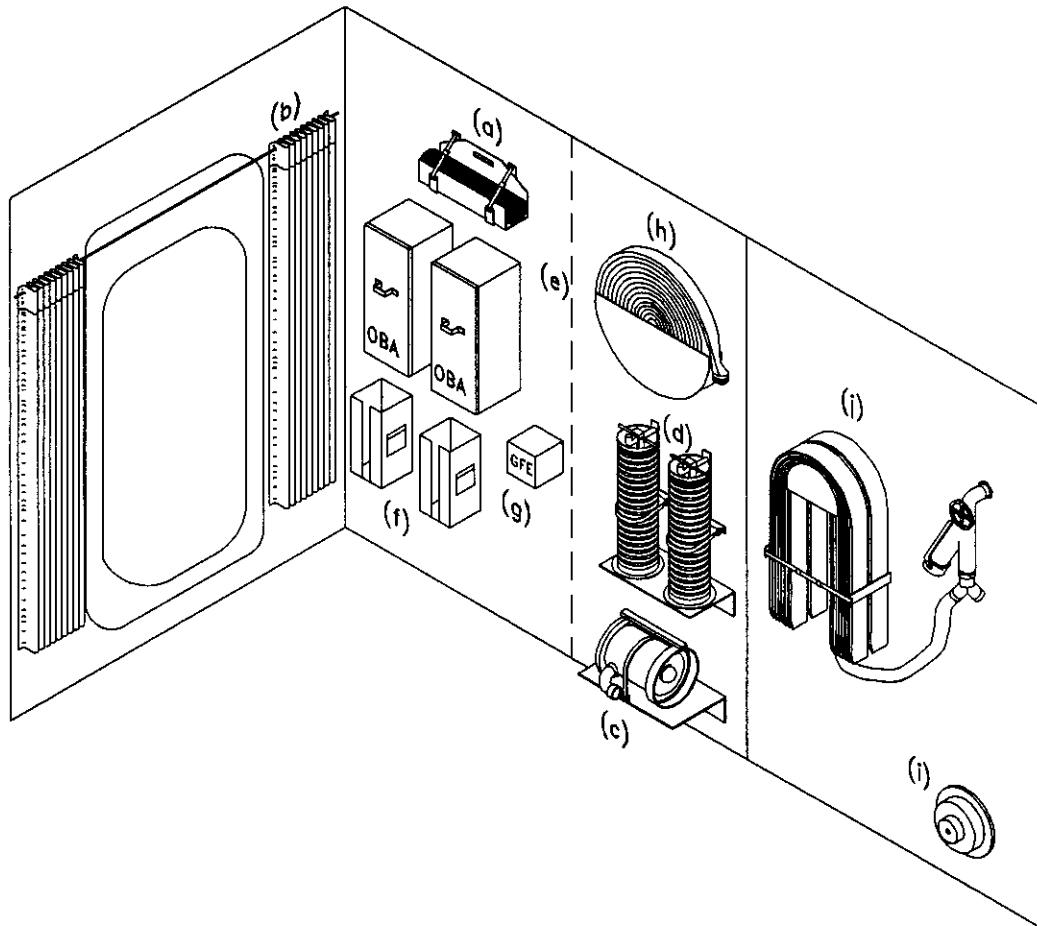
**NOTE:**

1. EQUIPMENT BRACKET FOUNDATIONS INSTALLED 6" ABOVE DECK.
2. HORIZONTAL DISTANCE BETWEEN EQUIPMENT APPROX. 4".
3. VERTICAL DISTANCE BETWEEN EQUIPMENT APPROX. 2".
4. TOTAL SPACE REQUIREMENTS - 60"W x 80"H x 20"D.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 014**

**DESMOKING EQUIPMENT PLAN #2E**

- (a) 1 RACK - SMOKE CURTAIN
- (b) 2 SMOKE CURTAINS PRE-HANG
- (c) 1 RAM FAN - WATER DRIVEN
- (d) 2 HOSE AIRDUCT
- (e) 2 OBA LOCKERS
- (f) 2 CANISTER RACKS (6 PACK)
- (g) 1 GAS FREE ENGINEERS STOWAGE
- (h) 2 HOSE ASSEMBLY, 1-1/2" x 50'
- (i) 1 OVERBOARD DISCHARGE
- (j) 2 HOSE ASSEMBLY, 2-1/2" x 50'



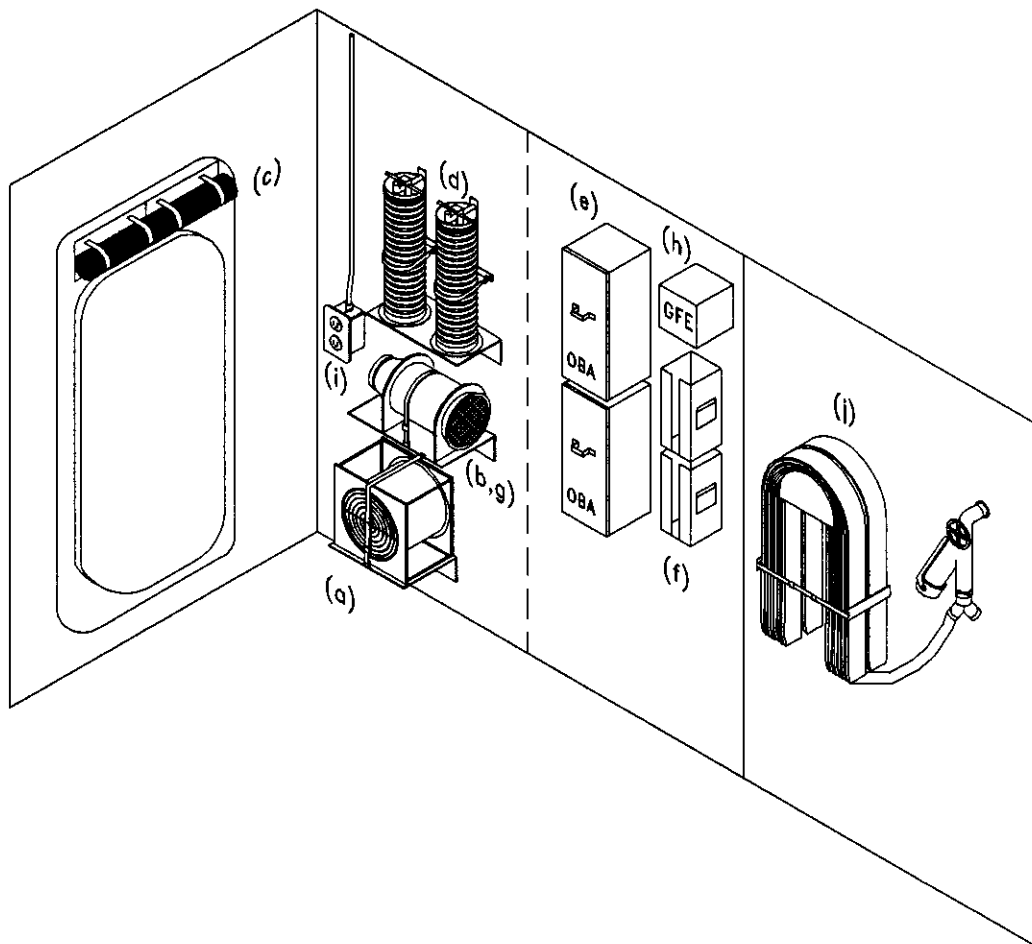
NOTE:

1. EQUIPMENT BRACKET FOUNDATIONS INSTALLED 6" ABOVE DECK.
2. HORIZONTAL DISTANCE BETWEEN EQUIPMENT APPROX. 4".
3. VERTICAL DISTANCE BETWEEN EQUIPMENT APPROX. 2".
4. TOTAL SPACE REQUIREMENTS - 60"W x 80"H x 20"D.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 015**

**DESMOKING EQUIPMENT PLAN #2F**

- (a) 1 FAN TUBEAXIAL 5200 CPFM
- (b) 1 FAN VANEAXIAL (RED DEVIL)
- (c) 2 SMOKE CURTAINS PRE-HANG
- (d) 2 HOSE AIRDUCT
- (e) 2 OBA LOCKERS
- (f) 2 CANISTER RACKS (6 PACK)
- (g) 1 CABLE ASSEMBLY 25 Ft
- (h) 1 GAS FREE ENGINEERS EQUIPMENT STOWAGE
- (i) 1 ELECTRICAL CONNECTION OUTLET
- (j) 2 HOSE ASSEMBLY, 2-1/2" x 50'



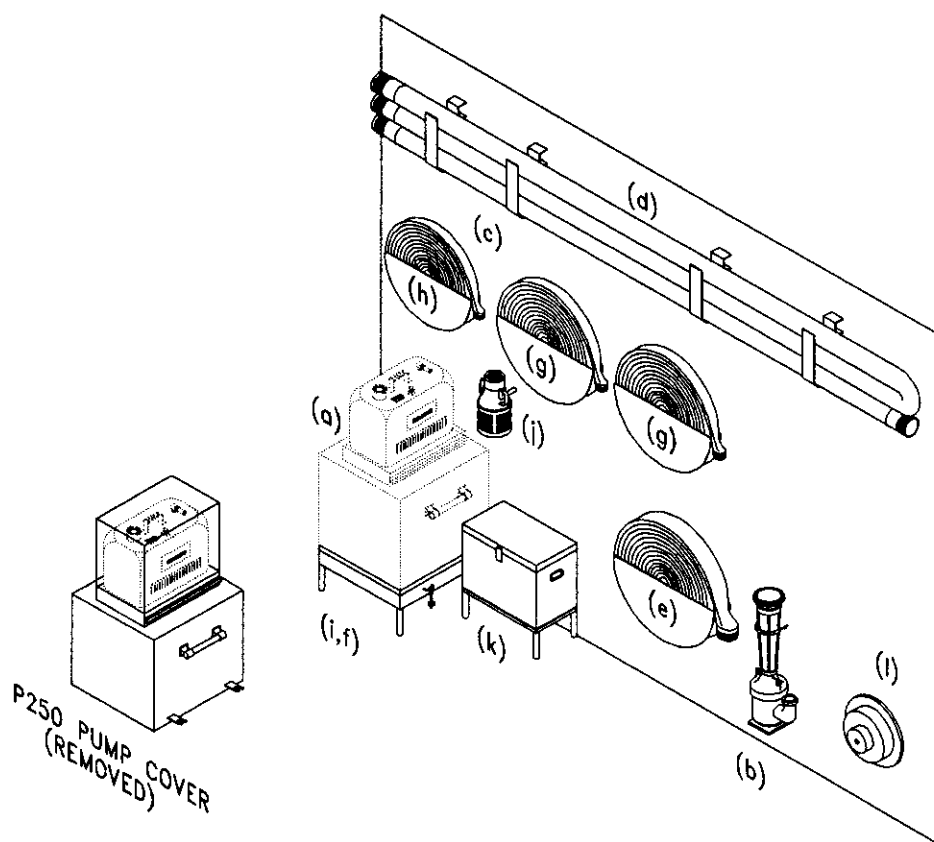
NOTE:

1. EQUIPMENT BRACKET FOUNDATIONS INSTALLED 6" ABOVE DECK.
2. HORIZONTAL DISTANCE BETWEEN EQUIPMENT APPROX. 4".
3. VERTICAL DISTANCE BETWEEN EQUIPMENT APPROX. 2".
4. TOTAL SPACE REQUIREMENTS - 60"W x 80"H x 20"D.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 016**

**DESMOKING EQUIPMENT PLAN #2G**

- (a) 1 CAN, FUEL
- (b) 1 EDUCTOR (PERI-JET)
- (c) 1 HOSE ASSEMBLY 3" x 10'
- (d) 1 HOSE ASSEMBLY 2" x 20'
- (e) 1 HOSE ASSEMBLY 4" x 50'
- (f) 1 HOSE ASSEMBLY 2-1/2" x 2-1/2' (STOWED WITH P250 PUMP)
- (g) 2 HOSE ASSEMBLY 2-1/2" x 50'
- (h) 1 HOSE ASSEMBLY 1-1/2" x 50'
- (i) 1 PUMP - P250
- (j) 1 VALVE - FOOT
- (k) 1 ACCESSORIES CHEST
- (l) 1 OVERBOARD DISCHARGE



NOTE:

1. EQUIPMENT BRACKET FOUNDATIONS INSTALLED 6" ABOVE DECK.
2. HORIZONTAL DISTANCE BETWEEN EQUIPMENT APPROX. 4".
3. VERTICAL DISTANCE BETWEEN EQUIPMENT APPROX. 2".
4. TOTAL SPACE REQUIREMENTS - 76"W x 80"H x 21"D.

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 017

### DEWATERING EQUIPMENT PLAN #3A

### P250 PUMP AND ACCESSORIES

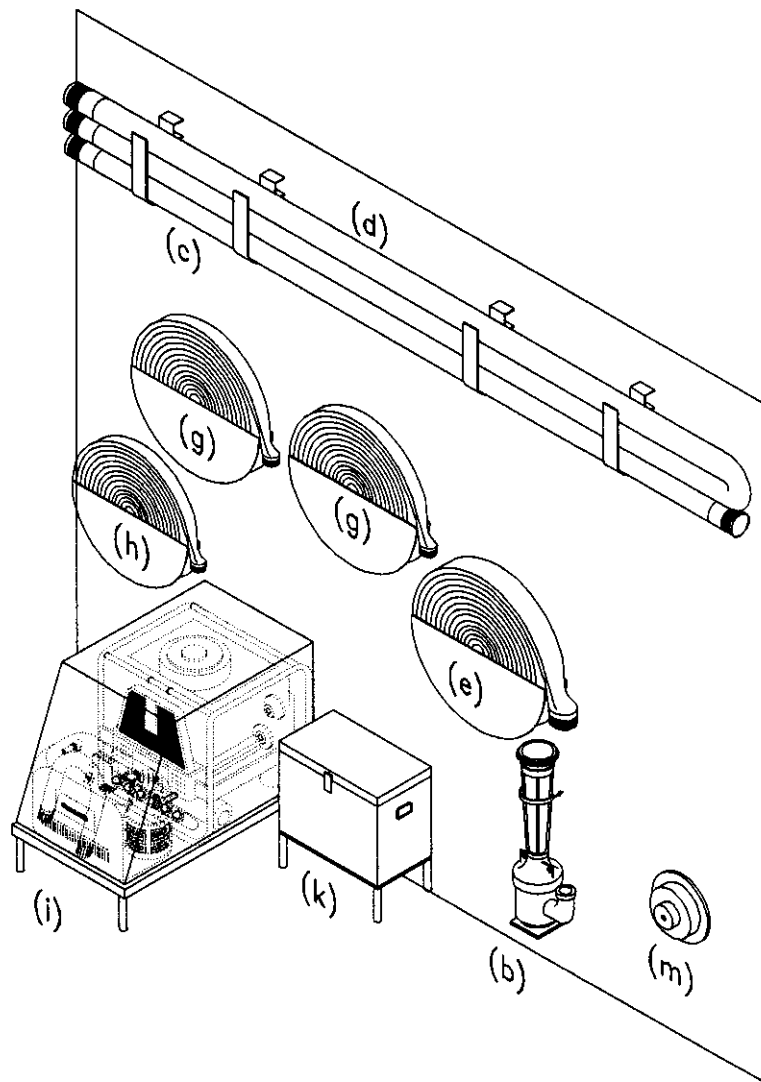
- 
- Exploded view diagram of the P250 pump assembly. The diagram shows the following components labeled with letters in parentheses:
- (a) Main pump housing
  - (b) Motor assembly
  - (c) Upper impeller
  - (d) Drive shaft
  - (e) Lower impeller
  - (f) Lower housing
  - (g) Impeller vanes (multiple sets)
  - (h) Upper housing cover
  - (i) Seal/O-ring
  - (j) Bolt
  - (k) Lower housing base
  - (l) Motor mounting bracket
- NOTE:

1. EQUIPMENT BRACKET FOUNDATIONS INSTALLED 6" ABOVE DECK.
2. HORIZONTAL DISTANCE BETWEEN EQUIPMENT APPROX. 4".
3. VERTICAL DISTANCE BETWEEN EQUIPMENT APPROX. 2".
4. TOTAL SPACE REQUIREMENTS - 76"W x 80"H x 21"D.

PROCESS018



- (a) 1 CAN, FUEL (STOWED WITH PUMP P250)
- (b) 1 EDUCTOR (PERI-JET)
- (c) 1 HOSE ASSEMBLY 3" x 10'
- (d) 1 HOSE ASSEMBLY 2" x 20'
- (e) 1 HOSE ASSEMBLY 4" x 50'
- (f) 1 HOSE ASSEMBLY 2-1/2" x 2-1/2' (STOWED WITH PUMP P250)
- (g) 2 HOSE ASSEMBLY 2-1/2" x 50'
- (h) 1 HOSE ASSEMBLY 1-1/2" x 50'
- (i) 1 PUMP - P250
- (j) 1 VALVE - FOOT (STOWED WITH PUMP P250)
- (k) 1 ACCESSORIES CHEST
- (l) 1 TRI-GATE CONNECTION (STOWED WITH PUMP P250)
- (m) 1 OVERBOARD DISCHARGE CONNECTION



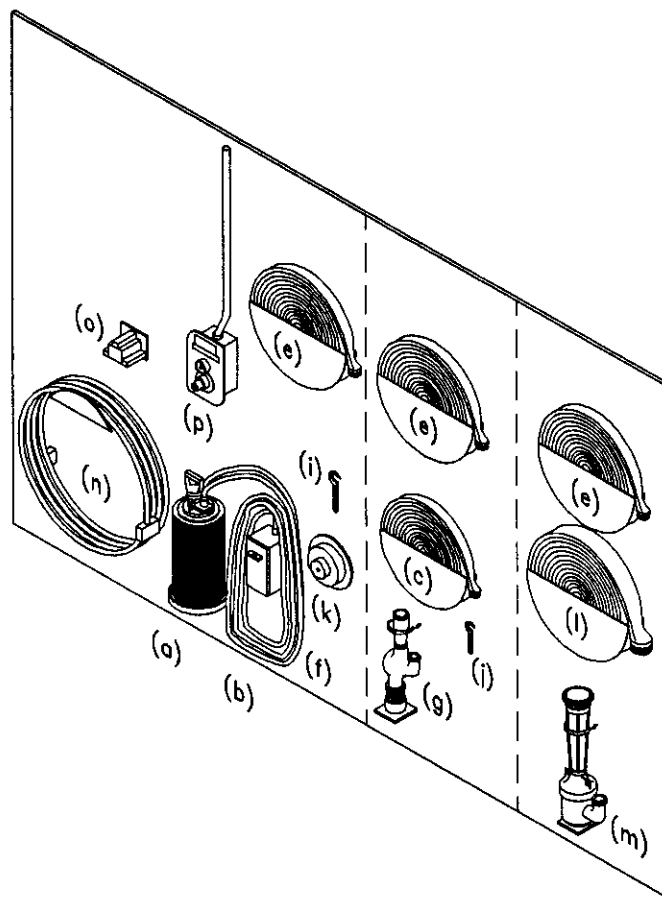
NOTE:

1. EQUIPMENT BRACKET FOUNDATIONS INSTALLED 6" ABOVE DECK.
2. HORIZONTAL DISTANCE BETWEEN EQUIPMENT IS 4".
3. VERTICAL DISTANCE BETWEEN EQUIPMENT IS 2".
4. TOTAL SPACE REQUIREMENTS - 76"W x 80"H x 21"D.

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 019

### DEWATERING EQUIPMENT PLAN #3C P250 PUMP AND ACCESSORIES

- (a) 1 PUMP, SUBMERSIBLE
- (b) 1 CABLE ASSEMBLY, 50' (ATTACHED TO SUB-PUMP)
- (c) 2 HOSE ASSEMBLY 1-1/2" x 50' (DOUBLE RACK)
- (d) 2 HOSE ASSEMBLY 2-1/2" x 10' (STOWED WITH P250 HOSE ASSY)
- (e) 2 HOSE ASSEMBLY 2-1/2" x 50'
- (f) 1 ROPE, NYLON 2" x 50' (ATTACHED TO SUB-PUMP)
- (g) 1 EDUCTOR 2-1/2" DISCHARGE
- (h) 1 STRAINER, SUCTION FIREHOSE (ATTACHED TO 2-1/2" HARD RUBBER HOSE)
- (i) 1 WRENCH SPANNER 2" TO 4-3/4"
- (j) 1 WRENCH SPANNER 3/4" TO 2"
- (k) 1 OVERBOARD DISCHARGE
- (l) 1 HOSE ASSEMBLY 4" x 50'
- (m) 1 EDUCTOR 4" DISCHARGE (PERI-JET)
- (n) 1 CASUALTY POWER CABLE
- (o) 1 CASUALTY POWER CONNECTION
- (p) 1 ADAPTER DBLM 4"



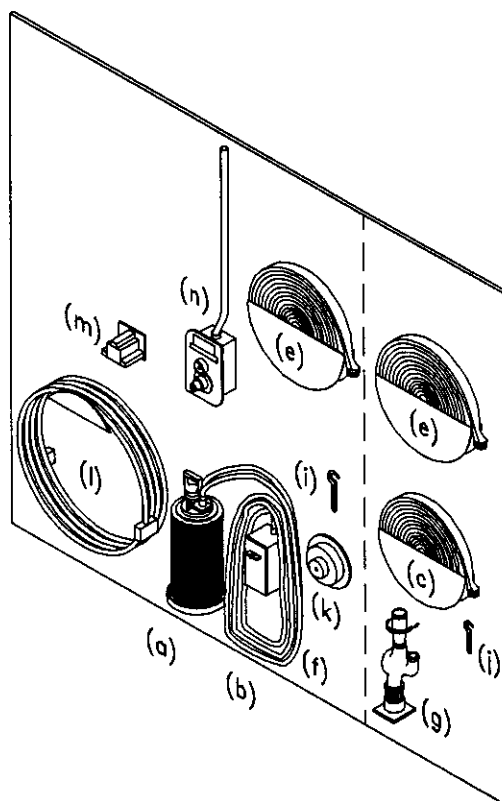
NOTE:

1. EQUIPMENT BRACKET FOUNDATIONS INSTALLED 6" ABOVE DECK.
2. HORIZONTAL DISTANCE BETWEEN EQUIPMENT APPROX. 4".
3. VERTICAL DISTANCE BETWEEN EQUIPMENT APPROX. 2".
4. TOTAL SPACE REQUIREMENTS - 76"W x 66"H x 21"D.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 020**

**DEWATERING EQUIPMENT PLAN #3D**

- (a) 1 PUMP, SUBMERSIBLE
- (b) 1 CABLE ASSEMBLY, 50' (ATTACHED TO SUB-PUMP)
- (c) 2 HOSE ASSEMBLY 1-1/2" x 50' (DOUBLE RACK)
- (d) 2 HOSE ASSEMBLY 2-1/2" x 10' (STOWED WITH P250 HOSE ASSY)
- (e) 2 HOSE ASSEMBLY 2-1/2" x 50'
- (f) 1 ROPE, NYLON 2" x 50' (ATTACHED TO SUB-PUMP)
- (g) 1 EDUCTOR 2-1/2" DISCHARGE
- (h) 1 STRAINER, SUCTION FIREHOSE (ATTACHED TO 2-1/2" HARD RUBBER HOSE)
- (i) 1 WRENCH SPANNER 2" TO 4-3/4"
- (j) 1 WRENCH SPANNER 3/4" TO 2"
- (k) 1 OVERBOARD DISCHARGE
- (l) 1 CASUALTY POWER CABLE
- (m) 1 CASUALTY POWER CONNECTION
- (n) 1 ADAPTER DBLM 4"



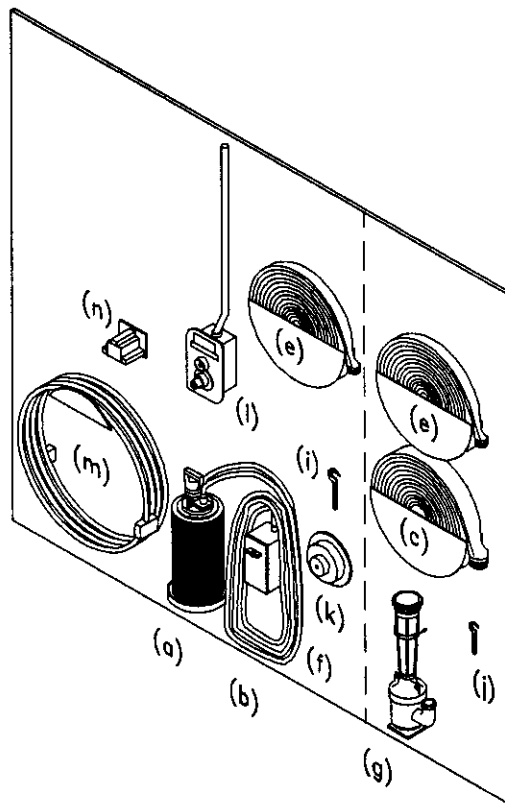
NOTE:

1. EQUIPMENT BRACKET FOUNDATIONS INSTALLED 6" ABOVE DECK.
2. HORIZONTAL DISTANCE BETWEEN EQUIPMENT APPROX. 4".
3. VERTICAL DISTANCE BETWEEN EQUIPMENT APPROX. 2".
4. TOTAL SPACE REQUIREMENTS - 76"W x 66"H x 21"D.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 021**

**DEWATERING EQUIPMENT PLAN #3E**

- (a) 1 PUMP, SUBMERSIBLE
- (b) 1 CABLE ASSEMBLY, 50' (ATTACHED TO SUB-PUMP)
- (c) 1 HOSE ASSEMBLY 4" x 50'
- (d) 2 HOSE ASSEMBLY 2-1/2" x 10' (STOWED WITH P250 HOSE ASSY)
- (e) 2 HOSE ASSEMBLY 2-1/2" x 50'
- (f) 1 ROPE, NYLON 2" x 50' (ATTACHED TO SUB-PUMP)
- (g) 1 EDUCTOR 4" DISCHARGE (PERI-JET)
- (h) 1 STRAINER, SUCTION FIREHOSE (ATTACHED TO 2-1/2" HARD RUBBER HOSE)
- (i) 1 WRENCH SPANNER 2" TO 4-3/4"
- (j) 1 WRENCH SPANNER 3/4" TO 2"
- (k) 1 OVERBOARD DISCHARGE
- (l) 1 ADAPTER DBLM 4"
- (m) 1 CASUALTY POWER CABLE
- (n) 1 CASUALTY POWER CONNECTION



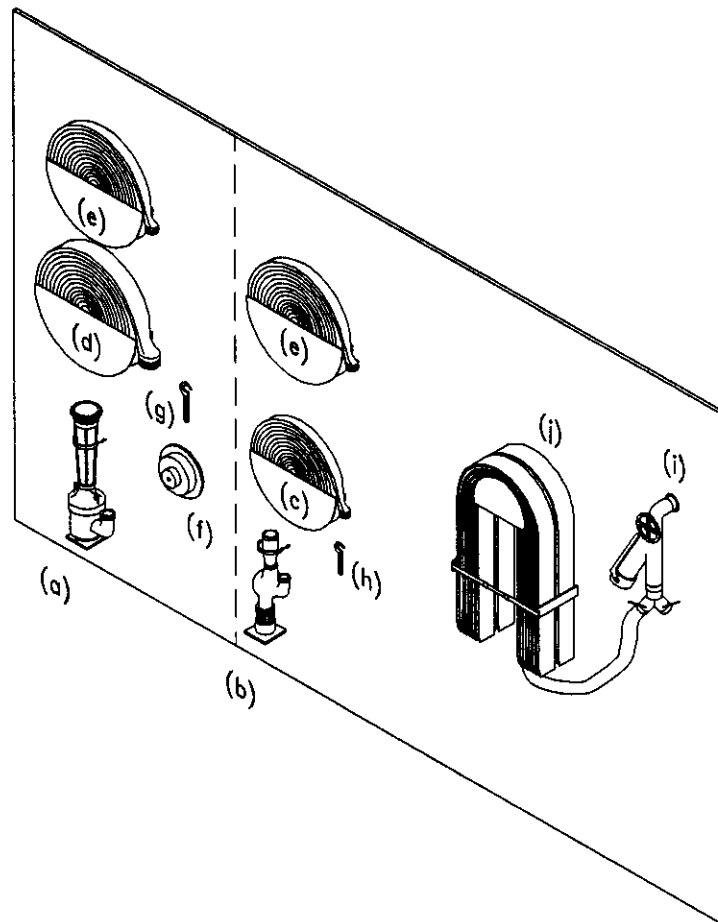
NOTE:

1. EQUIPMENT BRACKET FOUNDATIONS INSTALLED 6" ABOVE DECK.
2. HORIZONTAL DISTANCE BETWEEN EQUIPMENT APPROX. 4".
3. VERTICAL DISTANCE BETWEEN EQUIPMENT APPROX. 2".
4. TOTAL SPACE REQUIREMENTS - 76"W x 60"H x 21"D.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 022**

**DEWATERING EQUIPMENT PLAN #3F**

- (a) 1 EDUCTOR 4" DISCHARGE (PERI-JET)
- (b) 1 EDUCTOR 2-1/2" DISCHARGE
- (c) 1 HOSE ASSEMBLY 1-1/2" x 50'
- (d) 1 HOSE ASSEMBLY 4" x 50'
- (e) 2 HOSE ASSEMBLY 2-1/2" x 50'
- (f) 1 OVERBOARD DISCHARGE
- (g) 1 WRENCH SPANNER 2" x 4-3/4"
- (h) 1 WRENCH SPANNER 3/4" x 2"
- (i) 1 FIRE PLUG, 1-1/2"
- (j) 2 HOSE ASSEMBLY, 1-1/2" x 50'



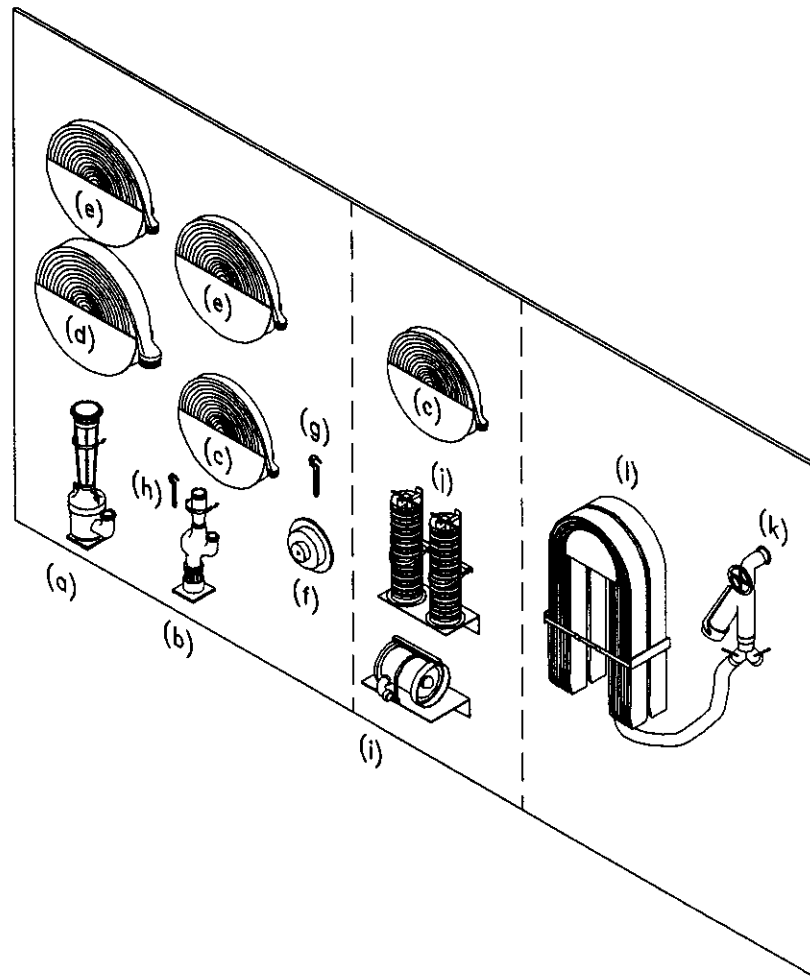
**NOTE:**

1. EQUIPMENT BRACKET FOUNDATIONS INSTALLED 6" ABOVE DECK.
2. HORIZONTAL DISTANCE BETWEEN EQUIPMENT APPROX. 4".
3. VERTICAL DISTANCE BETWEEN EQUIPMENT APPROX. 2".
4. TOTAL SPACE REQUIREMENTS - 76"W x 66"H x 21"D.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 023**

**DEWATERING EQUIPMENT PLAN #3G**

- (a) 1 EDUCTOR 4" DISCHARGE (PERI-JET)
- (b) 1 EDUCTOR 2-1/2" DISCHARGE
- (c) 2 HOSE ASSEMBLY 1-1/2" x 50'
- (d) 1 HOSE ASSEMBLY 4" x 50'
- (e) 2 HOSE ASSEMBLY 2-1/2" x 50'
- (f) 1 OVERBOARD DISCHARGE
- (g) 1 WRENCH SPANNER 2" x 4-3/4"
- (h) 1 WRENCH SPANNER 3/4" x 2"
- (i) 1 RAM FAN, WATER DRIVEN
- (j) 2 HOSE AIRDUCT
- (k) 1 FIRE PLUG, 1-1/2"
- (l) 2 HOSE ASSEMBLY, 1-1/2" x 50'



NOTE:

1. EQUIPMENT BRACKET FOUNDATIONS INSTALLED 6" ABOVE DECK.
2. HORIZONTAL DISTANCE BETWEEN EQUIPMENT APPROX. 4".
3. VERTICAL DISTANCE BETWEEN EQUIPMENT APPROX. 2".
4. TOTAL SPACE REQUIREMENTS - 76"W x 66"H x 21"D.

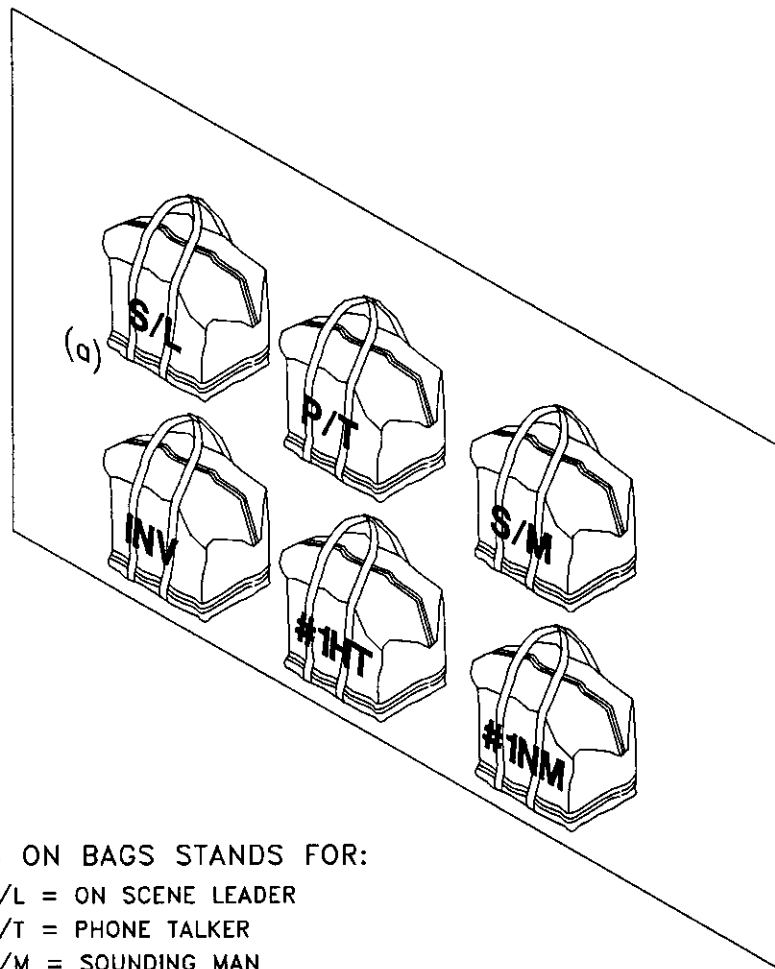
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 024**

**DEWATERING EQUIPMENT PLAN #3H**

(a) 6 FIREMAN'S BAG

EACH BAG CONTAINS:

- 1 PAIR BOOTS
- 1 PAIR GLOVES
- 1 OBA
- 2 OBA CANS
- 1 FF COVERALL
- 1 FF HELMET



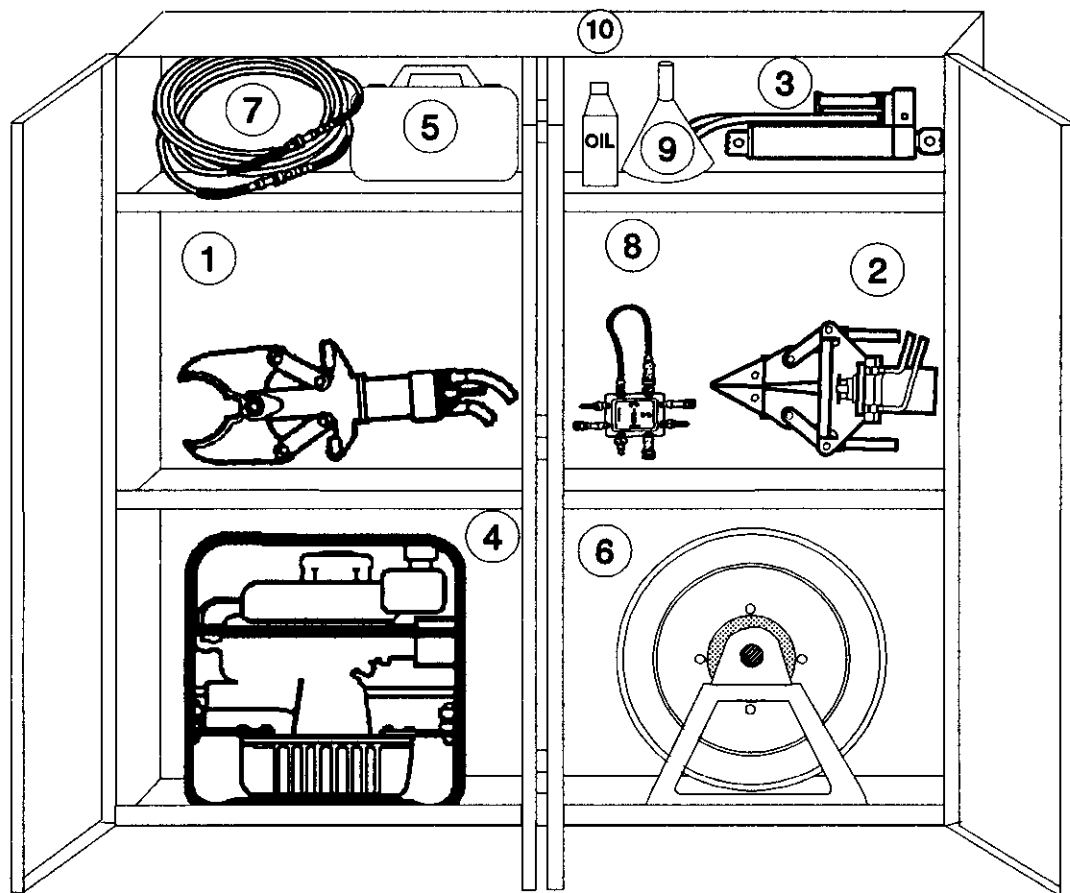
LETTERS ON BAGS STANDS FOR:

- S/L = ON SCENE LEADER
- P/T = PHONE TALKER
- S/M = SOUNDING MAN
- INV = INVESTIGATOR
- #1HT = NO.1 HOSE TEAM
- #1NM = NO.1 NOZZLE MAN

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 25**  
**PERSONNEL PROTECTION EQUIPMENT**  
**STOWAGE BAG**

EQUIPMENT DESCRIPTION	DIMENSIONS
1. Cutter	31 1/2"H x 11 1/2"W x 7"D
2. Spreader	24.3"H x 14"W x 8 1/2"D
3. Extension Ram	23"H x 7"W x 3"D
4. Engine	22"H x 20"W x 20"D
5. Attachment Case	11"H x 15 3/8"W x 3"D
6. Hose Reel - 100' with Manifold attached to hose	18"H x 16 1/2"W x 16 1/2"D
7. Extension Hose, 1 x 16'	24"H x 18"W x 3"D
8. Multiple Connection Manifold	15"H x 9 1/2"W x 5"D
9. Funnel	8"H x 4"W x 4"D
10. Oil, case - 7 quarts (1 quart illustrated)	

NOTES: 1. Spare hydraulic fluid (7 qts.) stored as designated by DCA.  
2. Illustration is for general storage guidance only.

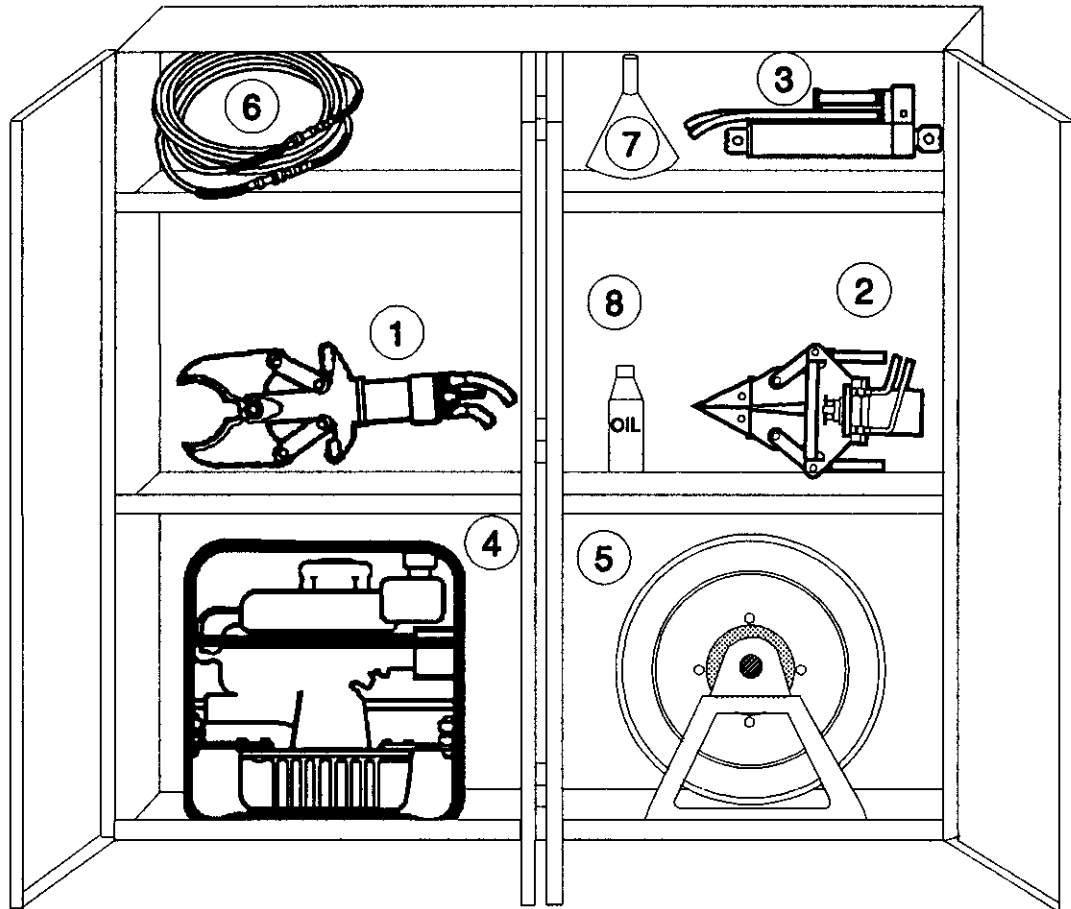


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #025**  
**PORTABLE HYDRAULIC ACCESS AND RESCUE SYSTEM (PHARS)**  
**GENERAL EQUIPMENT STORAGE ARRANGEMENT PLAN #1**  
**HURST TOOLS**



EQUIPMENT DESCRIPTION	DIMENSIONS
1. Cutter	21"L x 8"W x 5"H
2. Spreader	31"L x 13"W x 8"H
3. Extension Ram	25"L x 7"W x 3"H
4. Engine	22"L x 20"W x 20"H
5. Hose Reel - 100' with Manifold attached to hose (optional)	21"L x 18"W x 18"H
6. Extension Hose, 1 x 15'	24"L x 16"W x 3"H
7. Funnel	8"L x 4"W x 4"H
8. Oil, case - 7 quarts (1 quart illustrated)	

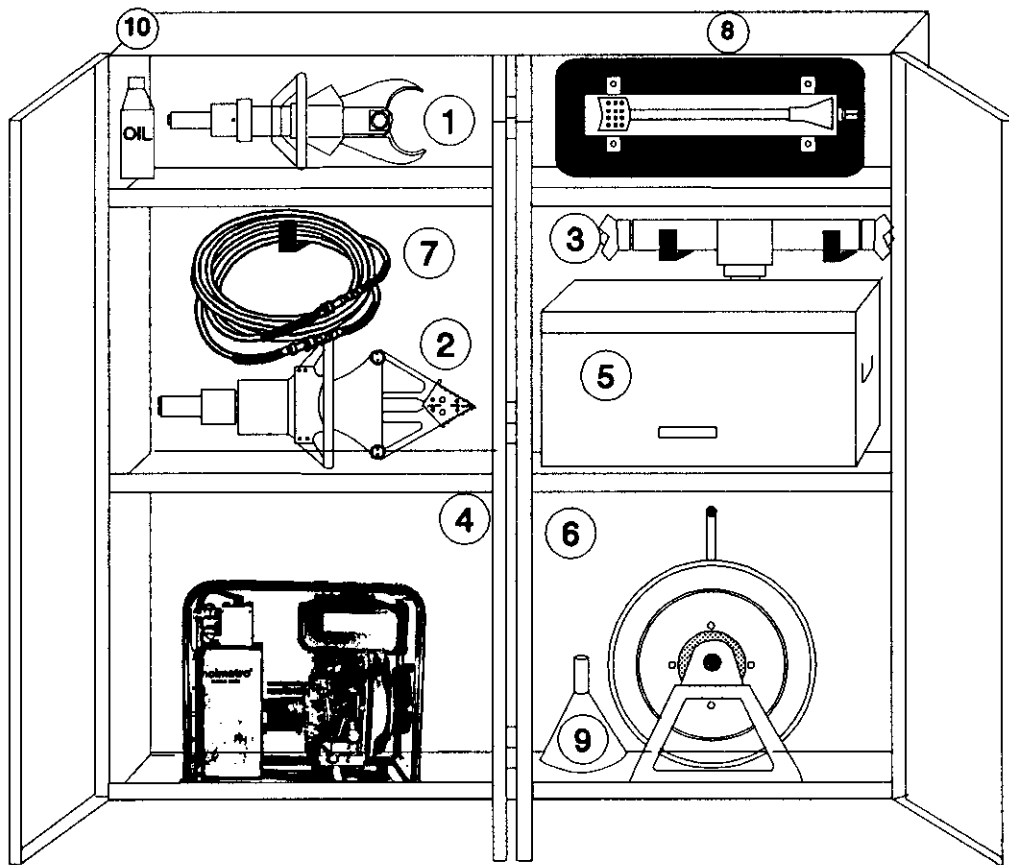
NOTES: 1. Spare hydraulic fluid (7 qts.) stored as designated by DCA.  
2. Illustration is for general storage guidance only.



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #026**  
**PORTABLE HYDRAULIC ACCESS AND RESCUE SYSTEM (PHARS)**  
**GENERAL EQUIPMENT STORAGE ARRANGEMENT PLAN #2**  
**PHOENIX TOOLS**

EQUIPMENT DESCRIPTION	DIMENSIONS
1. Cutter	30.75"L x 8.75"W x 5"H
2. Spreader	35"L x 12"W x 8.5"H
3. Extension Ram	30.25"L x 4.75"W x 17"H
4. Engine	21"L x 16"W x 22"H
5. Accessories Chest	36"L x 16"W x 18"H
6. Hose Reel - 100'	16.5"L x 14"W x 18"H
7. Extension Hose, 1 x 16'	24"L x 18"W x 3"H
8. Foot Valve	30"L x 10"W x 5"H
9. Funnel	8"L x 4"W x 4"H
10. Oil, case - 7 quarts (1 quart illustrated)	

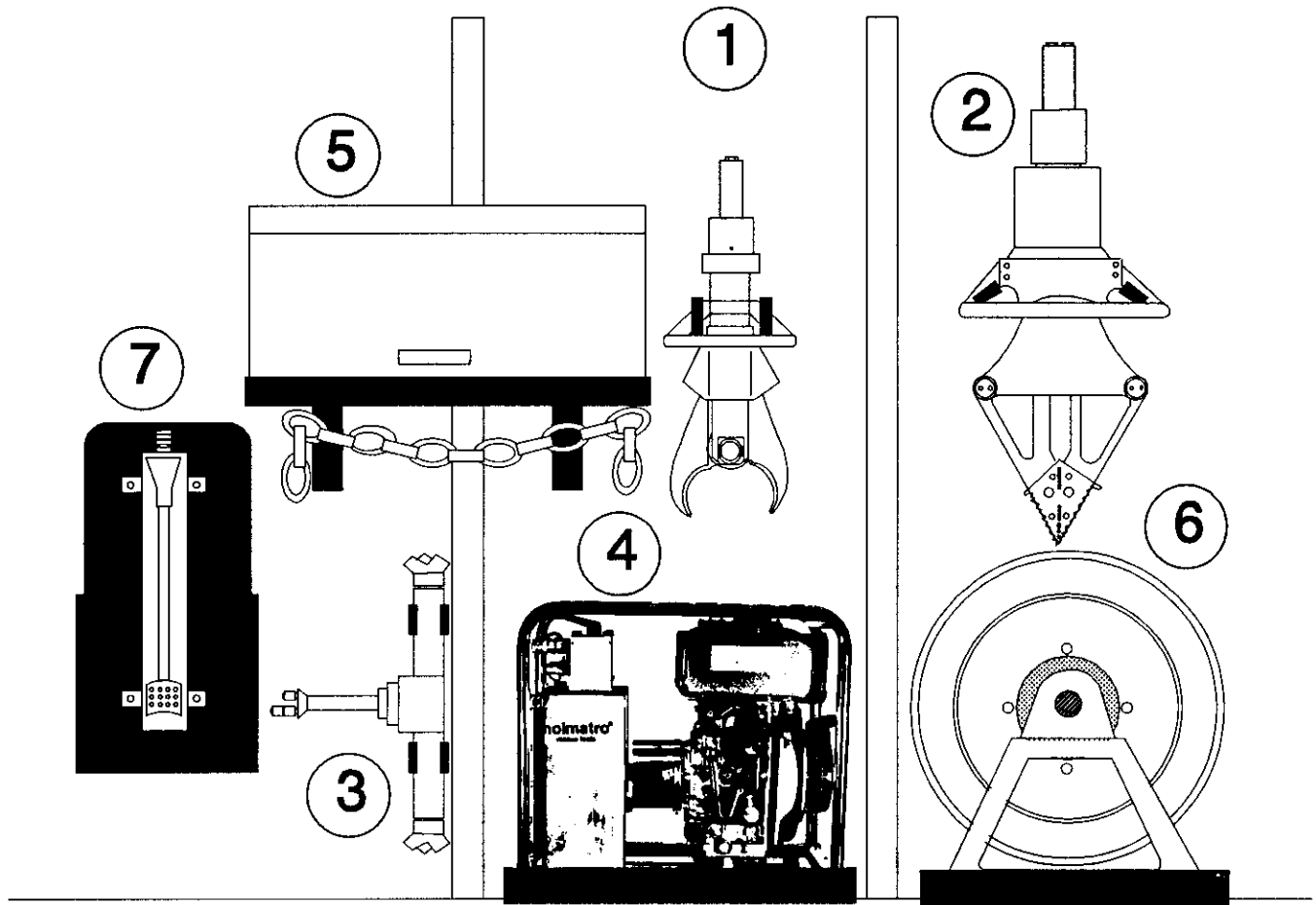
- NOTES: 1. Spare hydraulic fluid (7 qts.) stored as designated by DCA.  
2. Illustration is for general storage guidance only.



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #027**  
**PORTABLE HYDRAULIC ACCESS AND RESCUE SYSTEM (PHARS)**  
**GENERAL EQUIPMENT STORAGE ARRANGEMENT PLAN #3**  
**HOLMATRO TOOLS**

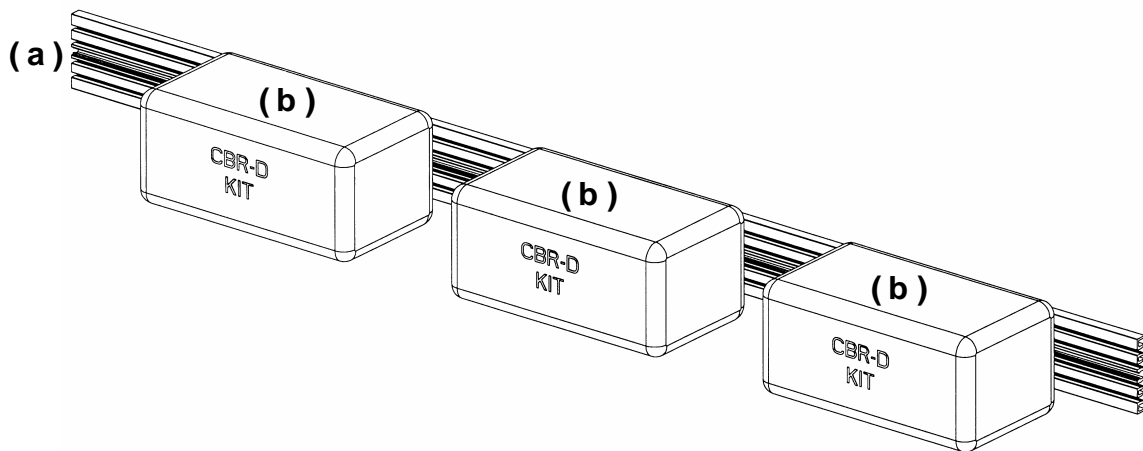
EQUIPMENT DESCRIPTION	DIMENSIONS
1. Cutter	30.75"L x 8.75"W x 5"H
2. Spreader	35"L x 12"W x 8.5"H
3. Extension Ram	30.25"L x 4.75"W x 17"H
4. Engine	21"L x 16"W x 22"H
5. Accessories Chest with Extension Hose, 1 x 16'	36"L x 16"W x 18"H
6. Hose Reel - 100'	16.5"L x 14"W x 18"H
7. Foot Valve	30"L x 10"W x 5"H

- NOTES: 1. Spare hydraulic fluid (7 qts.) stored as designated by DCA.  
2. Illustration is for general storage guidance only.



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #028**  
**PORTABLE HYDRAULIC ACCESS AND RESCUE SYSTEM (PHARS)**  
**GENERAL EQUIPMENT STORAGE ARRANGEMENT PLAN #3A**  
**HOLMATRO TOOLS**

- (a) CBR-D IPE STOWAGE RACK
- (b) CBR-D IPE KIT
  - 1 BAG, CBR-D IPE KIT
  - 1 JS-LIST COAT
  - 1 JS-LIST TROUSERS
  - 1 PAIR OVERBOOTS
  - 2 PAIR GLOVE INSERTS
  - 1 UTILITY BELT
  - 1 CANTEEN
  - 1 M-291 DECON KIT
  - 2 C1A2 CANISTERS
  - 2 2PAM CHLORIDE AUTO INJECTORS
  - 3 ATROPINE AUTO INJECTORS

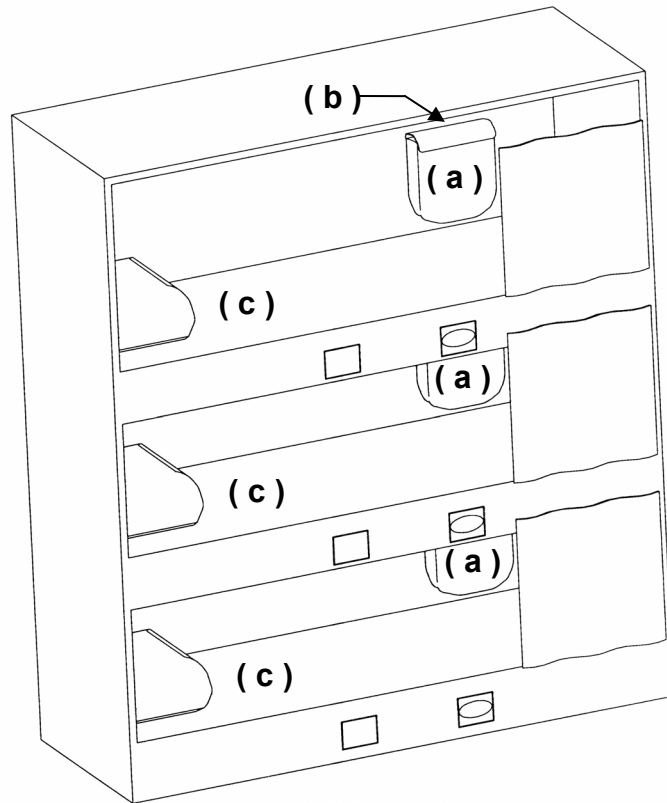


- NOTE: 1. CBR RACK SYSTEM SHOWN IN A HORIZONTAL CONFIGURATION.
2. CBR-D IPE KITS ARE STORED ON RACK SYSTEMS. THE LENGTH OF THE RACK DETERMINES THE NUMBER OF CBR-D IPE KITS THAT CAN BE STORED ON EACH ROW.

## **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #029**

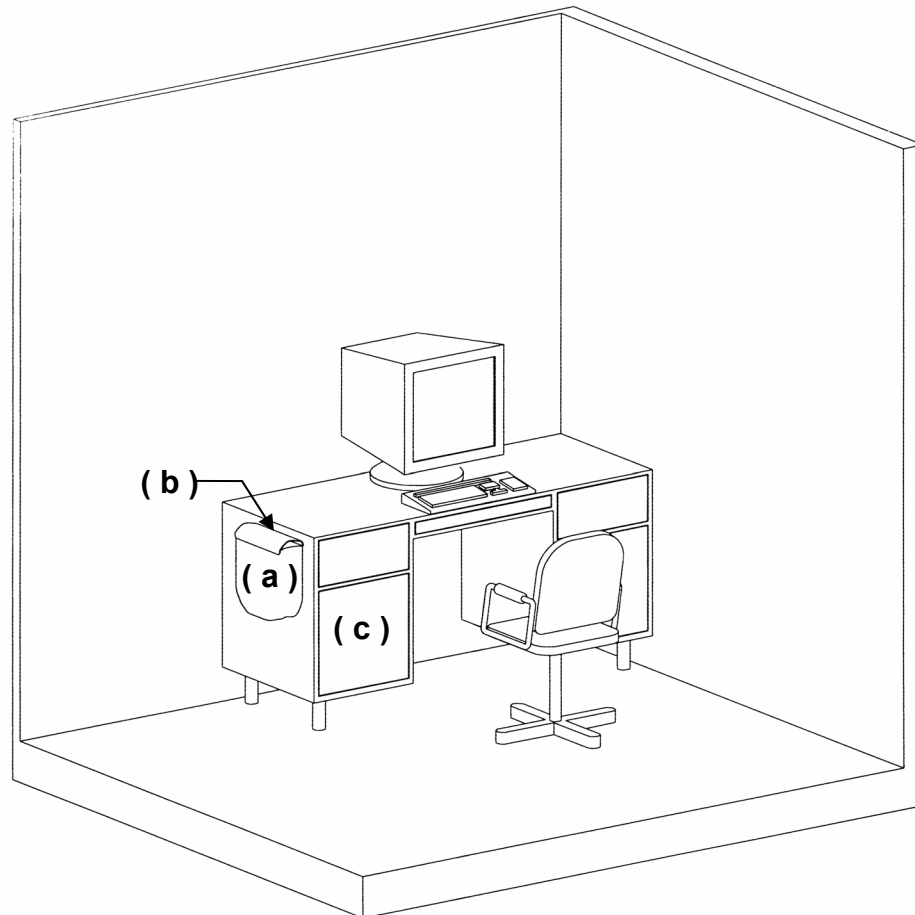
### **CBR-D IPE STOWAGE RACK SYSTEM**

- (a) 1 MCU-2P KIT INCLUDES:
  - 1 BAG, MCU-2P KIT
  - 1 MCU-2P MASK
- (b) 1 MCU-2P STOWAGE HOOK
- (c) BERTHING



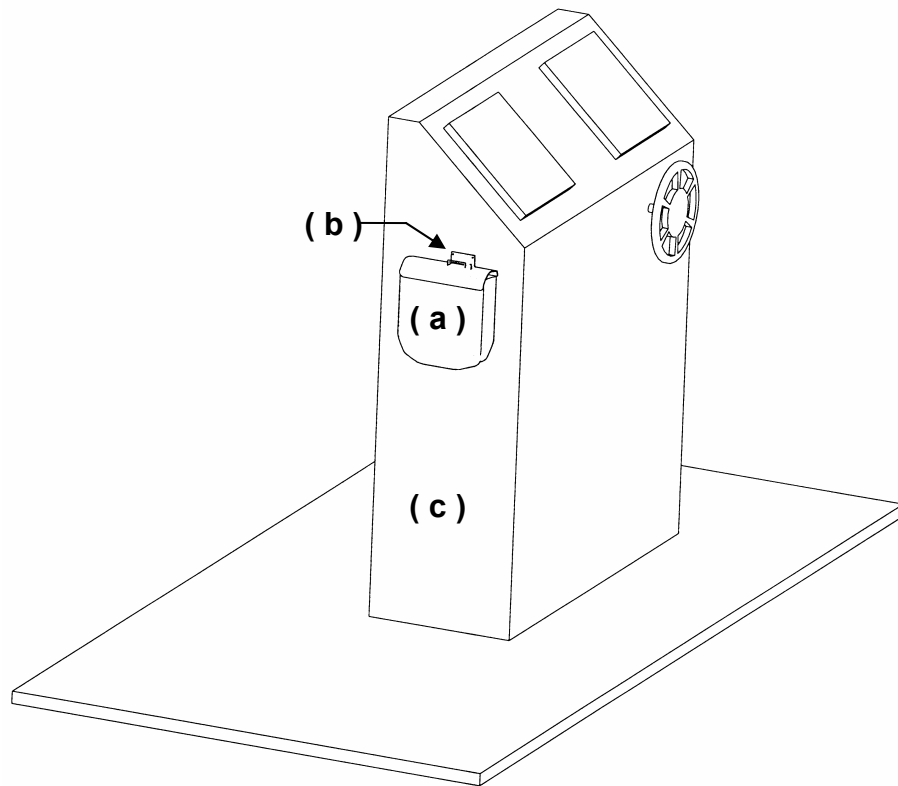
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #030**  
**MCU-2P STOWAGE PLAN**  
**BERTHING AREA**

- (a) 1 MCU-2P KIT INCLUDES:
  - 1 BAG, MCU-2P KIT
  - 1 MCU-2P MASK
- (b) 1 MCU-2P STOWAGE HOOK
- (c) DESK



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #031**  
**MCU-2P STOWAGE PLAN**  
**WORKSTATION**

- (a) 1 MCU-2P KIT INCLUDES:
  - 1 BAG, MCU-2P KIT
  - 1 MCU-2P MASK
- (b) 1 MCU-2P STOWAGE HOOK
- (c) WATCH STATION



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #032**  
**MCU-2P STOWAGE PLAN**  
**BRIDGE WATCH STATION**

# **Section 4**

## **SKETCHES OF STOWAGE DEVICES FOR DAMAGE CONTROL EQUIPMENT**

- **Adjustable Shelves**
- **Brackets**
- **Lockers**
- **CBR-D IPE Stowage Racks and Hooks**
- **MCU-2P Stowage Racks and Hooks**



## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCHES

SECTION 4 SKETCH NO.	TITLE OF SKETCH
001	Adjustable Shelves, Version 1
002	Adjustable Shelves, Version 2
003	AFFF Stowage Rack (5 Gal Can), Version 1
004	AFFF Stowage Rack (5 Gal Can), Version 2
005	AFFF Stowage Rack (5 Gal Can), Version 3
006	Box Patch Stowage Rack for Assemblies 1, 2 and 3
007	CBR Equipment Stowage Locker
008	Casualty Power Cable Stowage Rack
009	Damage Control Equipment Stowage (Large) Grating
010	Damage Control Equipment Stowage (Spring Clips)
011	Damage Control Equipment Stowage Support Brackets
012	Damage Control Locker, Various Equipment
013	Damage Control Locker, Various Equipment
014	Damage Control Locker, Various Equipment
015	Damage Control Locker, Various Equipment
016	Damage Control Locker, Various Equipment
017	Damage Control Locker, Various Equipment
018	Damage Control Locker, Various Equipment
019	Damage Control Locker, Various Equipment
020	Damage Control Locker, Various Equipment
021	Dewatering Kit Stowage Locker
022	Eductor, 1 ½" Vertical Stowage Bracket
023	Eductor, 1 ½" Vertical Stowage Rack
024	Eductor, 2 ½" Peri-Jet Horizontal Stowage
025	Eductor, 2 ½" Peri-Jet Vertical Stowage Rack
026	Eductor/Peri-Jet (1 ½"/2 ½") Vertical Stowage Rack
027	Fan Stowage Tube Axial, BHD Mounted Grating
028	Fan Stowage Red Devil, BHD Mounted Grating
029	Fan Stowage Red Devil, BHD/DK Mounted Plate
030	Fan Stowage Tube Axial, BHD/DK Mounted Plate

<b>SECTION 4 SKETCH NO.</b>	<b>TITLE OF SKETCH</b>
031	Fan Stowage Tube Axial, BHD/DK Mounted Plate
032	Fan Stowage Water Driven, BHD Mounted Grating
033	Fan Stowage Water Driven, Deck Mounted Plate
034	Fan Stowage Water Driven BHD/DK Mounted Plate
035	Fire Fighters' Boot Stowage Rack, Version 1 (Locker Mounted)
036	Fire Fighters' Boot Stowage Rack, Version 2 (Deck Mounted)
037	Fire Fighters' Boot Stowage Rack, Version 3 (Beam Mounted)
038	Fire Fighters' Boot Stowage (BHD Mounted) Version 4
039	Fire Fighters' Ensemble Coverall Stowage Hanger Bar, Version 1
040	Fire Fighters' Ensemble Coverall Stowage (Hook) Version 2
041	Fire Fighters' Ensemble Coverall Stowage Lockers, Version 3
042	Fire Fighters' Helmet Stowage (Butter Fly Clip)
043	Fire Fighters' Helmet Stowage Rack, Version 1
044	Fire Fighters' Helmet Stowage Rack, Version 2
045	Fire Fighting Equipment & Proximity Suit Stowage Locker
046	Fire Hose Hanger Stowage Rack
047	Gas Free Engineer Equipment Stowage Locker, Version 1
048	Gas Free Engineer Equipment Stowage Locker, Version 2
049	General Quarters Equipment Stowage, Version 1
050	General Quarters Equipment Stowage Locker, Version 2
051	General Quarters Equipment Stowage, Version 3
052	Hooks, Miscellaneous Damage Control Stowage
053	Hose Stowage (Cradle) (one 1 ½", one 2 ½", one 4" hose) Version 1
054	Hose Stowage (Cradle) Version 2
055	Hose Stowage Bracket
056	Hose Stowage Rack, One - 4" x 10' Disch. Hose
057	Hose Stowage Rack, One - 2" x 20' (Exhaust Hose, Rubber P250), Two - 2 ½" x 50' Fire Hose
058	Hose Stowage Rack, Three - 3" x 10' Suct. Hose (P250) or Four - 2 ½" x 10' Suct. Hose (Sub. Pmp)
059	Hose Stowage Rack, Two - 1 ½" x 50' Fire Hose
060	Hose Stowage Rack (Hard Hose Clips) 10' and 20' lengths

<b>SECTION 4 SKETCH NO.</b>	<b>TITLE OF SKETCH</b>
061	Hose Stowage Rack (Hard Suction ) 3½" x 36" and 3½" x 84" lengths
062	Ladder, (6 Ft. Scaling) Stowage Brackets, Horizontal
063	Ladder, (6 Ft. Scaling) Stowage Brackets, Vertical
064	Miscellaneous Access Tool Stowage
065	NFTI Stowage Rack
066	OBA and OBA Canister Stowage Locker
067	OBA Canister Stowage Rack, Version 1
068	OBA Canister Stowage Rack, Version 2
069	OBA Stowage Locker, Single Unit
070	OBA Stowage Rack, Version 1
071	OBA Stowage Rack, Version 2
072	P-250 Equipment Accessory Stowage
073	P-250, MOD2 Propane Cartridge Stowage
074	PECU Rod Stowage
075	PECU Stowage Rack Foundation
076	Personnel Protection Equipment Stowage, (Built in Cage)
077	Personnel Protection Equipment Stowage, Version 1 (3 FFE)
078	Personnel Protection Equipment Stowage, Version 2 (4 FFE)
079	PHARS Stowage Brackets
080	Plate Patch Stowage Rack
081	Portable Sub-Pump Stowage
081A	Portable Sub-Pump Stowage, Single Unit
081B	Portable Sub-Pump Stowage, Double Unit
082	Rescue and Assistance Chest
083	Shoring Metal Stowage Rack, Horizontal, Version 1
084	Shoring Metal Stowage Rack, Horizontal, Version 2
085	Shoring Metal Stowage Rack, Vertical, Version 3
086	Shoring Metal Stowage Rack, Vertical, Version 4
087	Shoring Metal Stowage Rack, Vertical, Version 5
088	Shoring Wooden, Stowage Rack (4 pcs) with Shoring Batten Stowage
089	Shoring Wooden, Stowage Rack (9 pcs) with Shoring Batten Stowage

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCHES

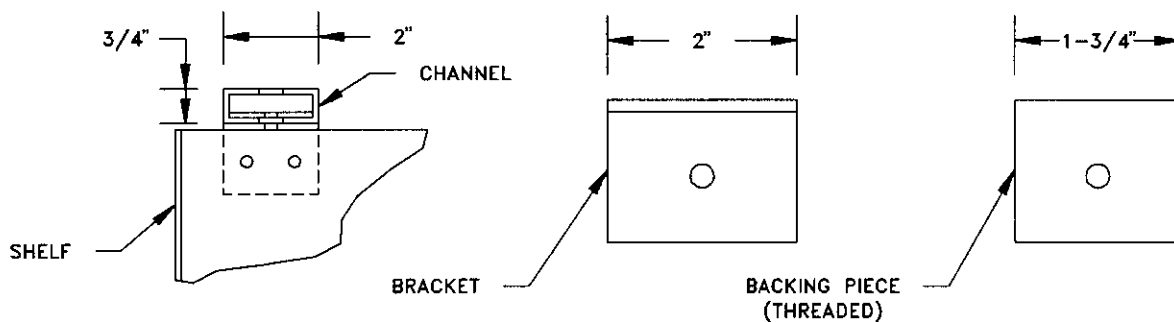
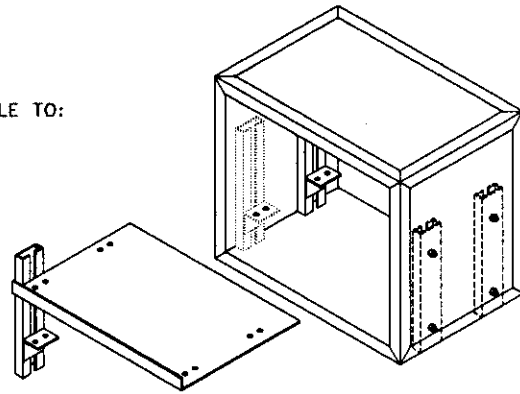
SECTION 4 SKETCH NO.	TITLE OF SKETCH
090	Smoke Curtain Hooks
091	Smoke Curtain Stowage Bracket
092	Smoke Curtain Stowage Locker
093	Smoke Generator Stowage Rack
094	Vari-Nozzle Holder, 1 ½" and 2 ½"
095	Vent Hose Stowage, BHD Mounted, Vertical, Version 1
096	Vent Hose Stowage, Vertical, Version 2
097	Welding Machine Stowage Rack
098	CBR-D IPE Stowage Rack, Track System – Vertical Mount (Deck to Overhead)
099	CBR-D IPE Stowage Rack, Track System – Horizontal Mount (Bulkhead)
100	CBR-D IPE Stowage Hook
101	MCU-2P Stowage Rack
102	MCU-2P Stowage Hook

#### ADJUSTABLE SHELF CHANNEL SYSTEM

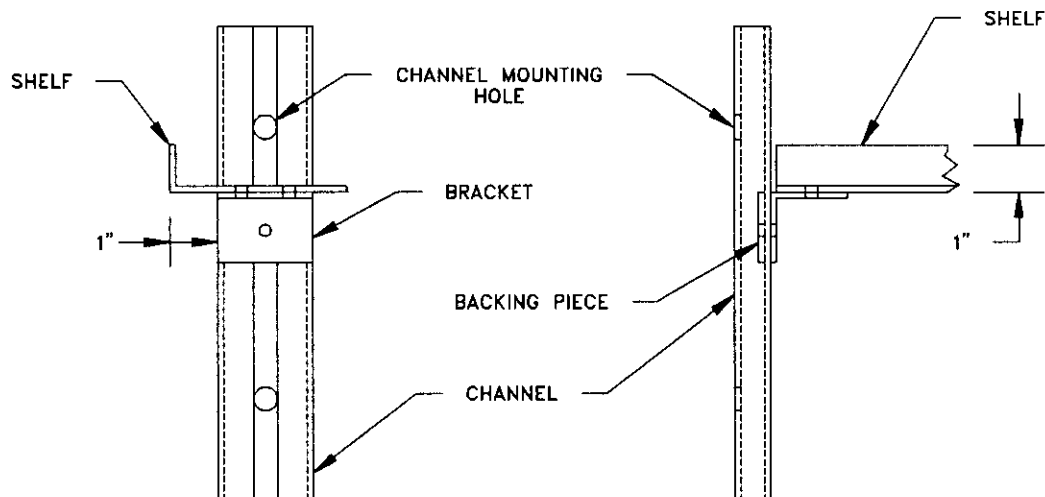
1. CHANNEL SYSTEM TO BE EQUAL TO THOSE AVAILABLE TO:

GRUMMAN EMERGENCY PRODUCTS, INC.  
1723 SEIBEL DR., NE  
ROANOKE VA 24012-5688  
(703) 982-6666 FAX: (703) 985-2280

2. INSTALL FOUR CHANNELS, TWO ON EACH SIDE LEAVING FOUR INCHES CLEARANCE AT TOP FOR INSERTING SHELF AND BRACKETS.
3. INSTALL BRACKETS AND BACKING PIECES (4).
4. REMOVE BRACKETS AND SHELF; DRILL HOLES IN SHELF; BOLT SHELF TO BRACKETS; INSTALL SHELF IN CABINET.



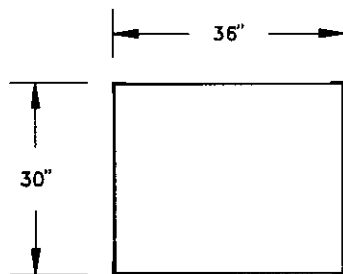
**PLAN**



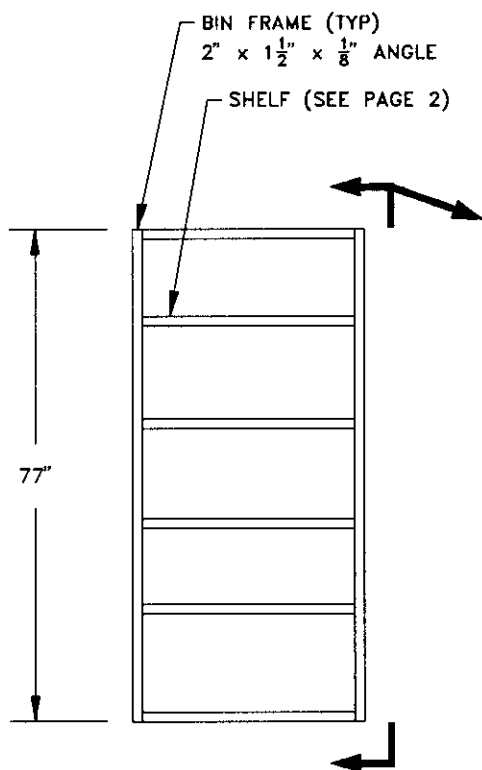
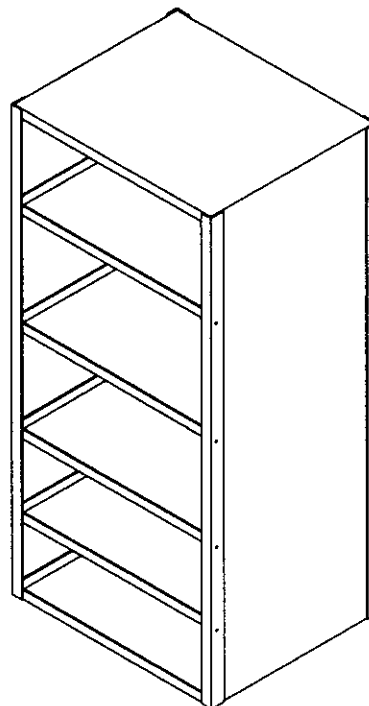
**ELEVATION**

**SIDE VIEW**

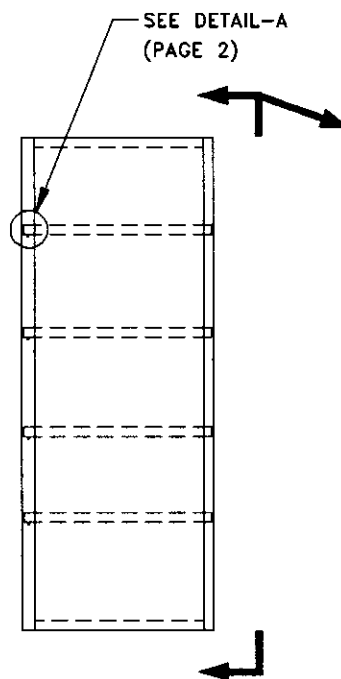
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 001**  
**ADJUSTABLE SHELVES**  
**VERSION 1**



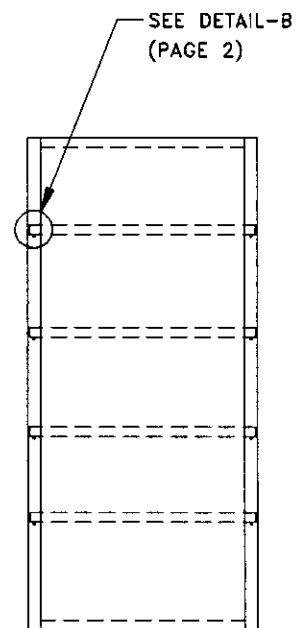
**PLAN**



**ELEVATION**

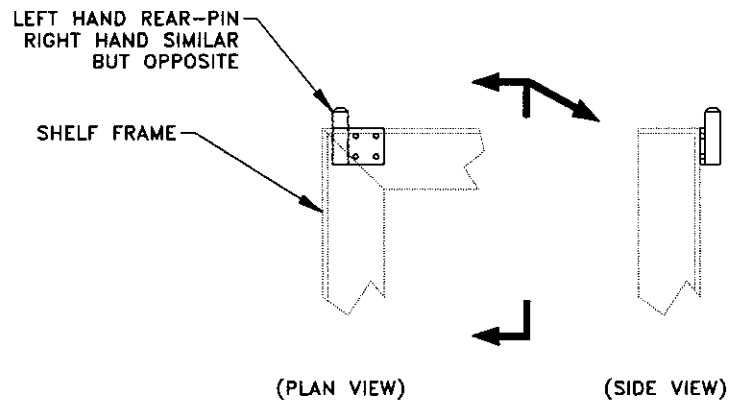
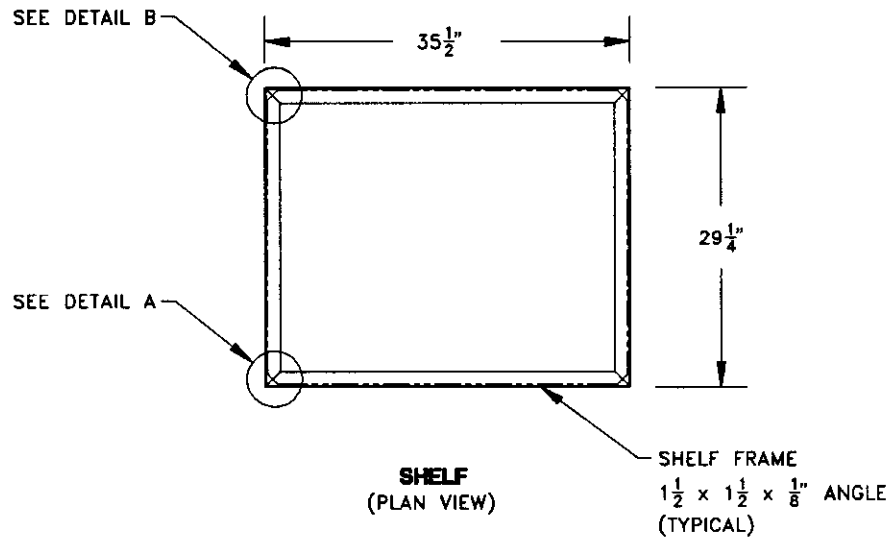


**SIDE VIEW**

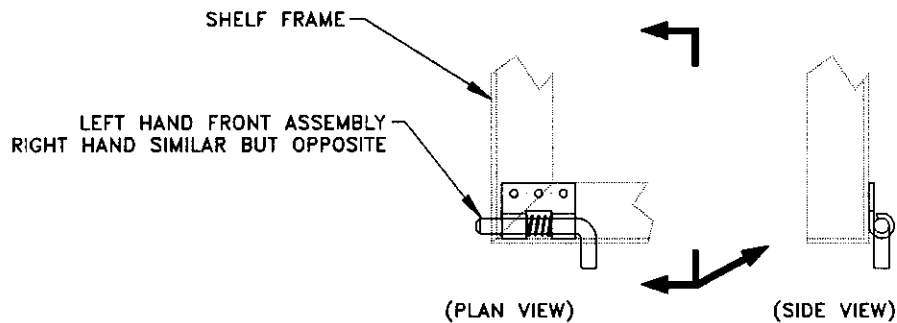


**BACK VIEW**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 002**  
**ADJUSTABLE SHELVES, VERSION 2**  
**(PAGE 1 OF 2)**

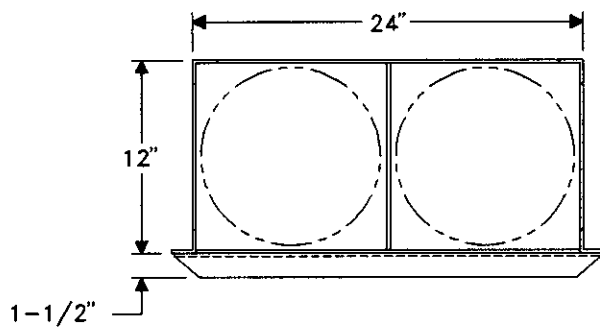


**DETAIL B**

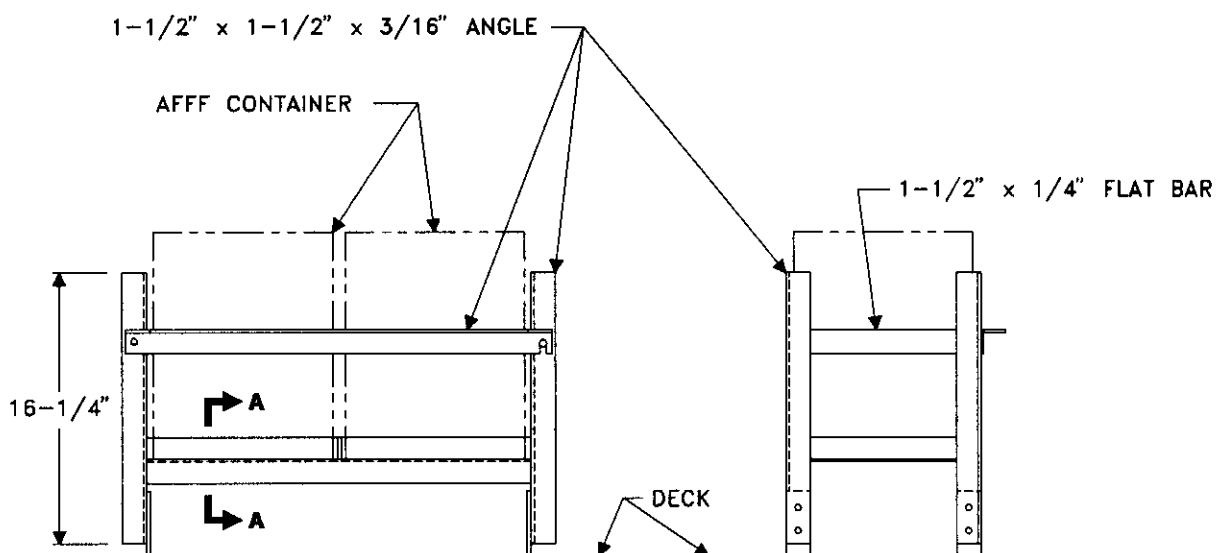


**DETAIL A**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 002**  
**ADJUSTABLE SHELVES, VERSION 2**  
**(PAGE 2 OF 2)**

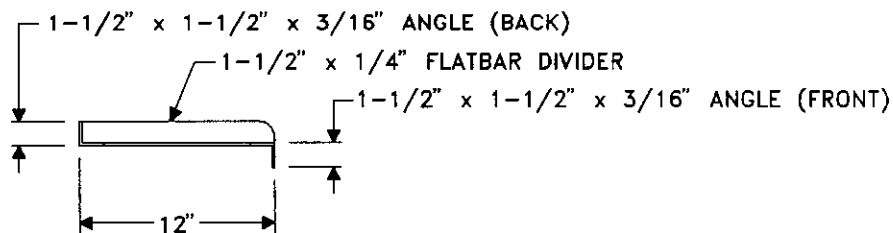


**PLAN**



**ELEVATION**

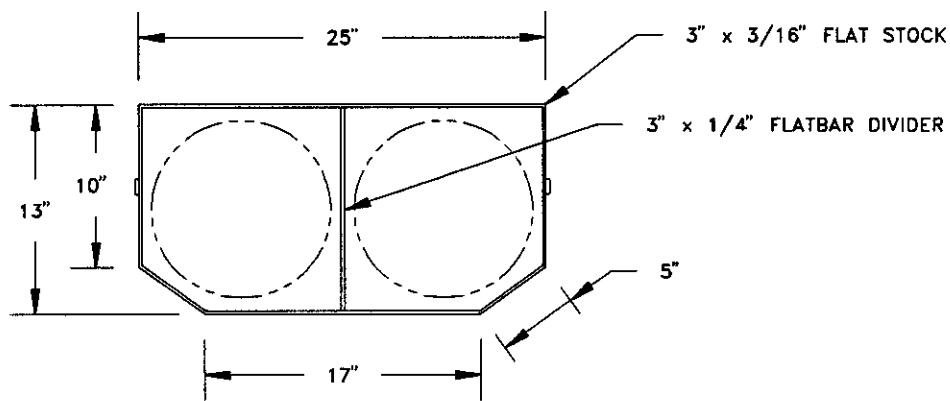
**SIDE VIEW**



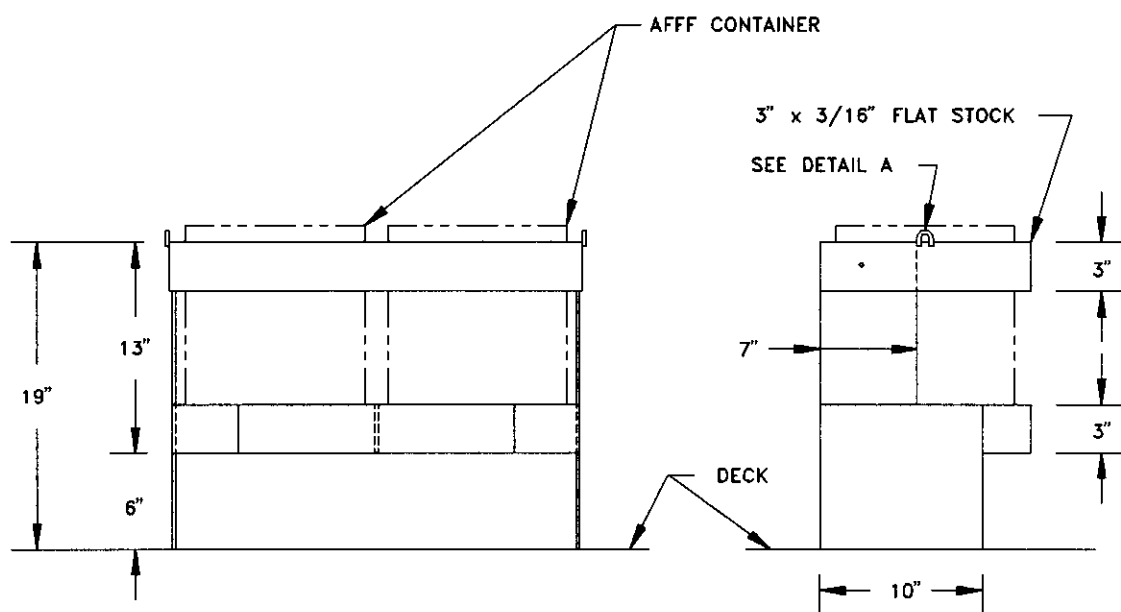
**SECTION A-A**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 003**  
**AFFF (5 GAL CAN) STOWAGE RACK**  
**VERSION 1**



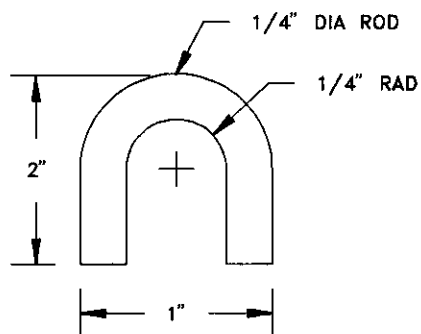


PLAN



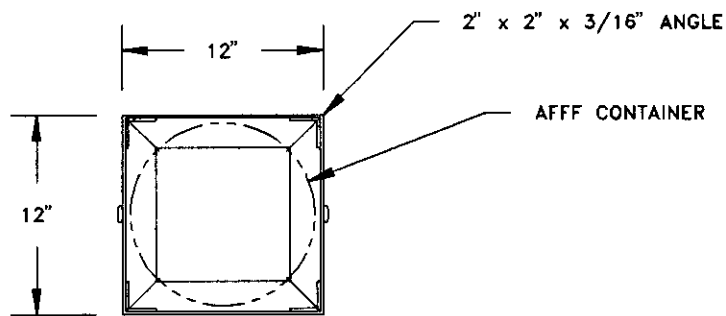
ELEVATION

SIDE VIEW

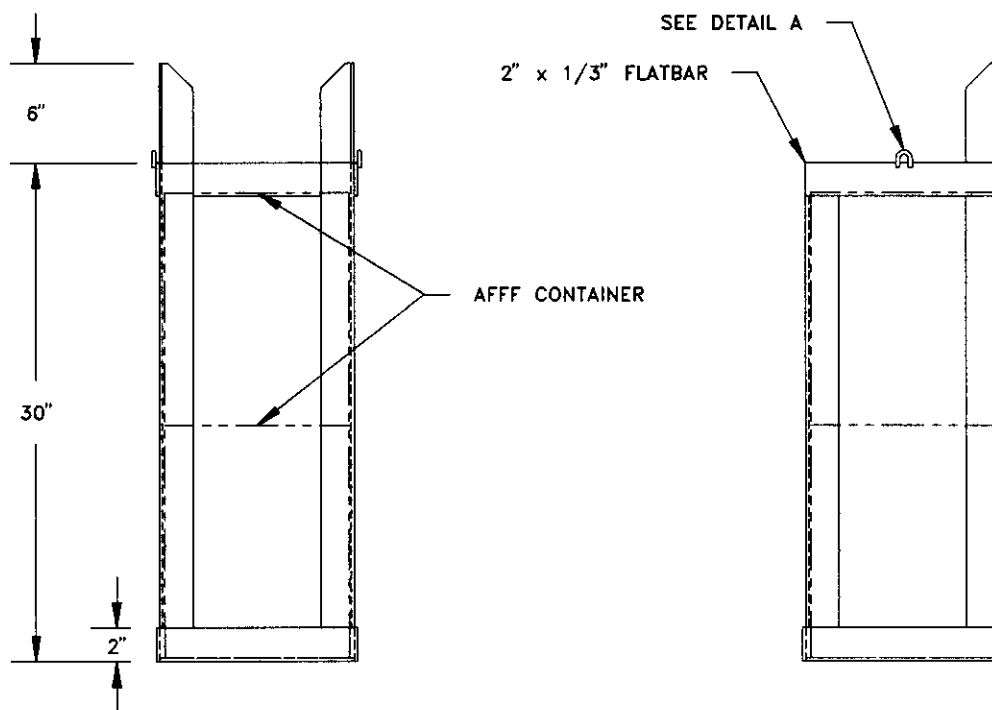


DETAIL A

# **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 004** **AFFF (5 GAL CAN) STOWAGE RACK** **VERSION 2**

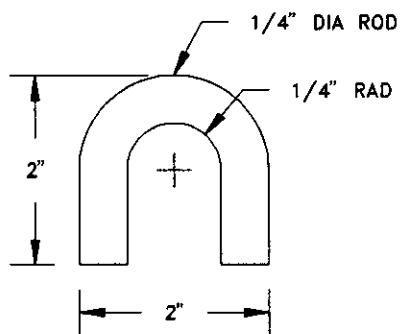


PLAN



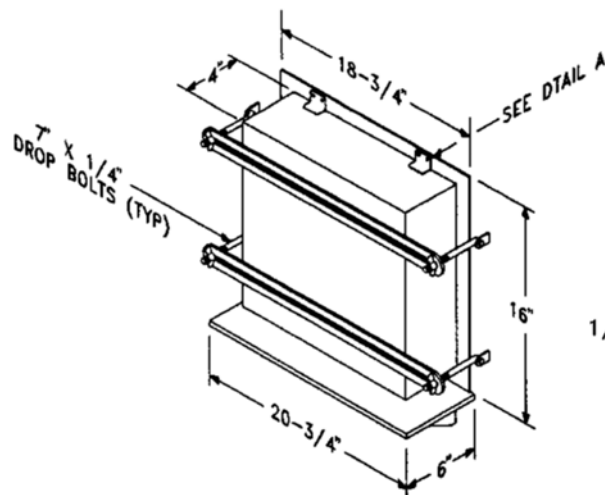
ELEVATION

SIDE VIEW



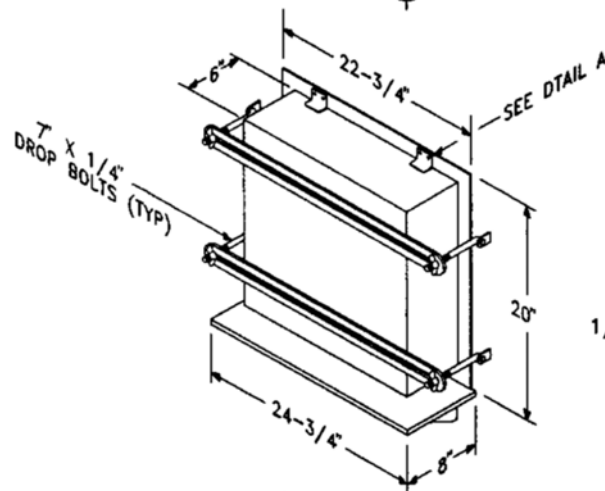
DETAIL A

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 005**  
**AFFF (5 GAL CAN) STOWAGE RACK**  
**VERSION 3**



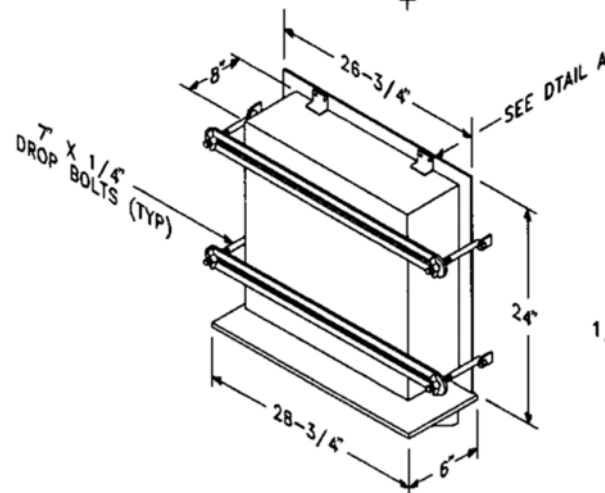
#### ASSEMBLY 1

STOWAGE RACK FOR  
4" X 16" X 18-3/4"  
1/8" STEEL PLATE BOX PATCH



#### ASSEMBLY 2

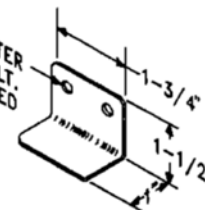
STOWAGE RACK FOR  
6" X 20" X 22-3/4"  
1/8" STEEL PLATE BOX PATCH



#### ASSEMBLY 3

STOWAGE RACK FOR  
8" X 24" X 26-3/4"  
1/8" STEEL PLATE BOX PATCH

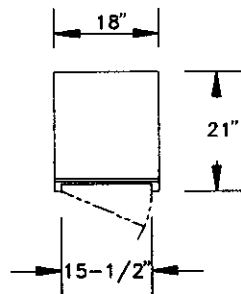
SIZE HOLE DIAMETER  
FOR RIVET OR BOLT.  
NO HOLES REQUIRED  
IF WELDED.



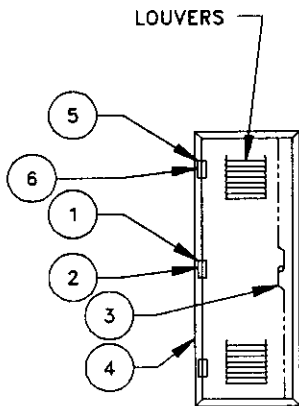
DETAIL A

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 006

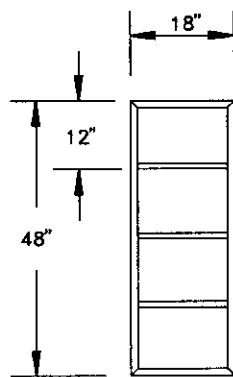
### BOX PATCH STOWAGE RACKS FOR ASSEMBLIES 1, 2 AND 3



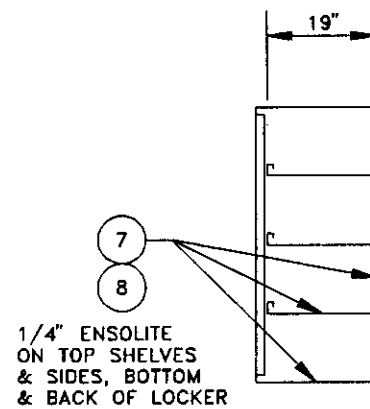
**PLAN**



**ELEVATION**



**ELEVATION  
(NO DOORS)**

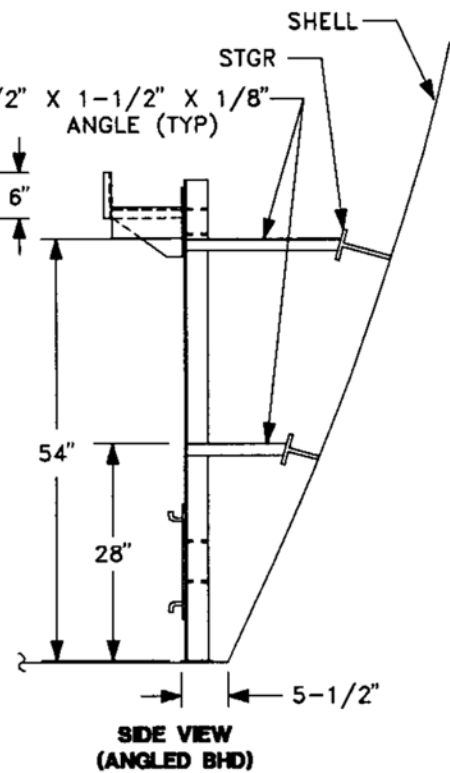
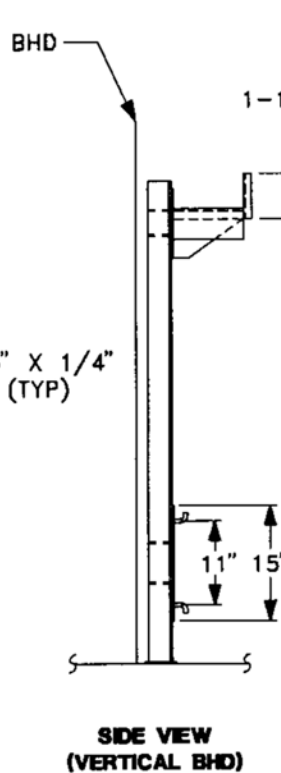
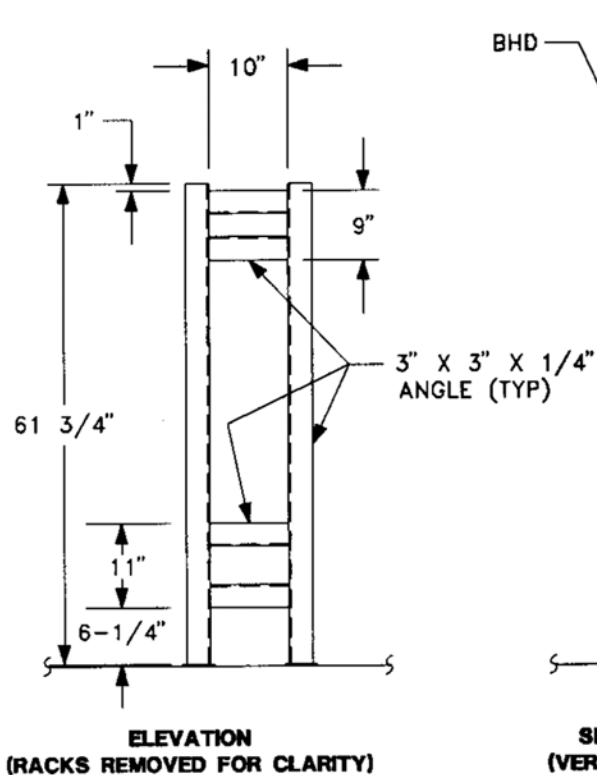
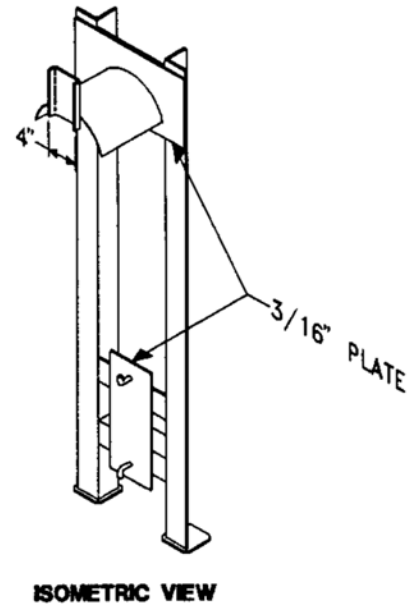
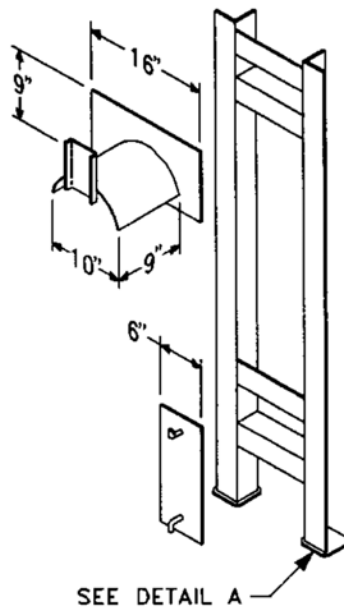
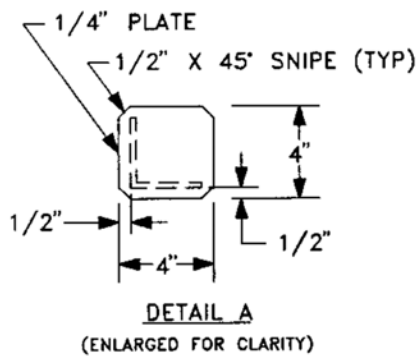


**SIDE VIEW**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 007**  
**CBR EQUIPMENT STOWAGE LOCKER**  
**PAGE 1 OF 2**

	ASSY	LIST OF MATERIAL			
QTY	PART NO.	NAME	MATERIAL	REFERENCES	REMARKS
3	1	HINGE, 2" x 1-5/8"	STL CAD PLTD	NN STOCK 17-15-302	
3	2	ANTI-RATTLER	RUBBER PURE GUM		
1	3	LOCKING DEVICE	SEE DET DWG	ASSY65, REF 6	
1	4	LOCKER	SEE DET DWG	REF 5	
6	5	HUCK RIVET SELF PLUGGING BLIND NO. P-6-D	ALUMINUM		
6	6	HUCK COMMERCIAL LOCK BOLT NO. CLPB F6-2	ALUMINUM		
AS REQ'D	7	1/4" ENSOLITE	TY III RUBBER		MIL-P-15280
AS REQ'D	8	BONDING AGENT	CEMENT		MIL-A-24179

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 007**  
**CBR EQUIPMENT STOWAGE LOCKER**  
**PAGE 2 OF 2**

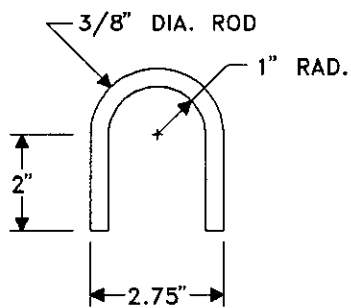
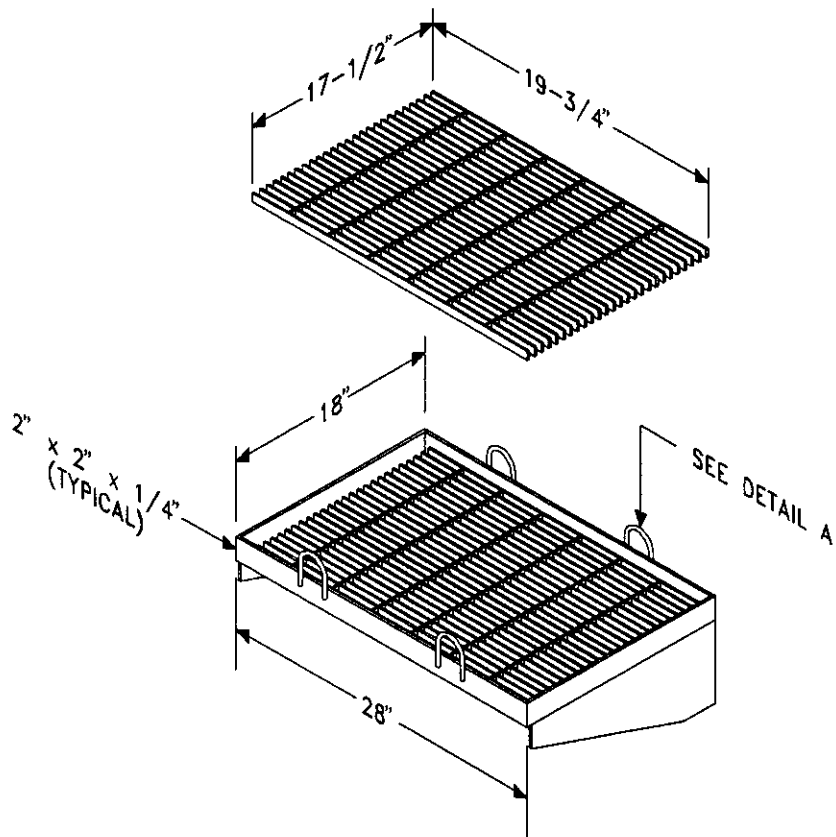


NOTE: CAN BE INSTALLED AGAINST SHELL STRINGER.

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 008

### CASUALTY POWER CABLE STOWAGE RACK WITH VERTICAL AND ANGLED BULKHEAD STOWAGE

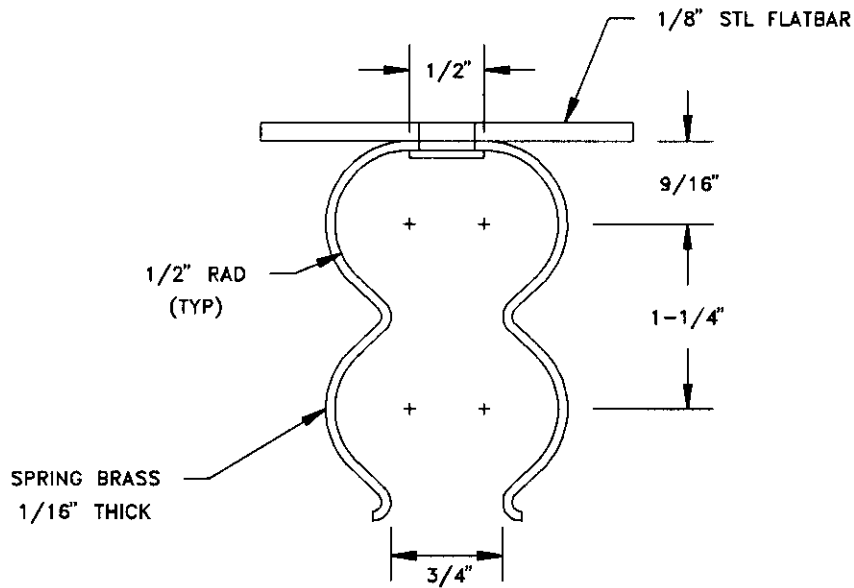
**LARGE DC EQUIPMENT**



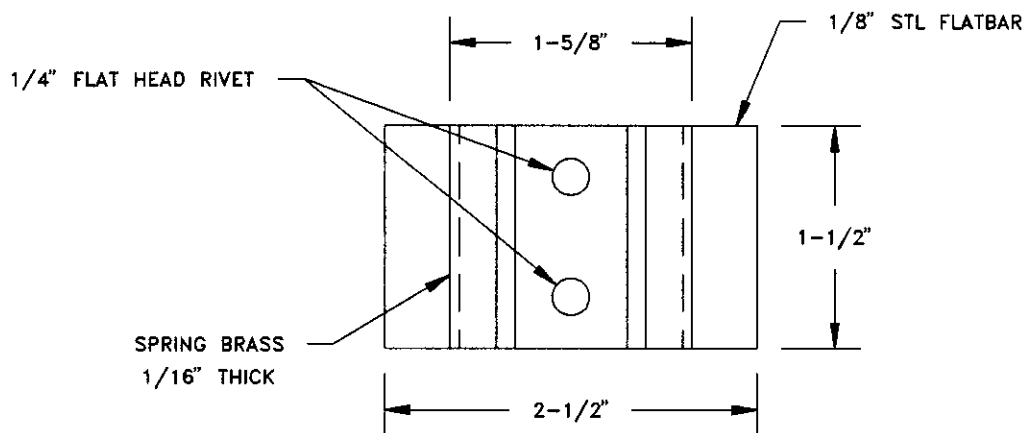
**DETAIL A**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 009**

**DAMAGE CONTROL EQUIPMENT STOWAGE (LARGE) GRATING**



**ELEVATION**

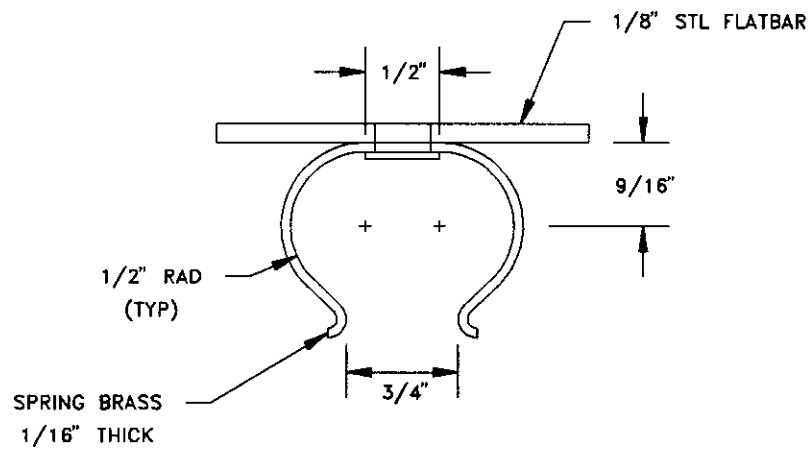


**ELEVATION**

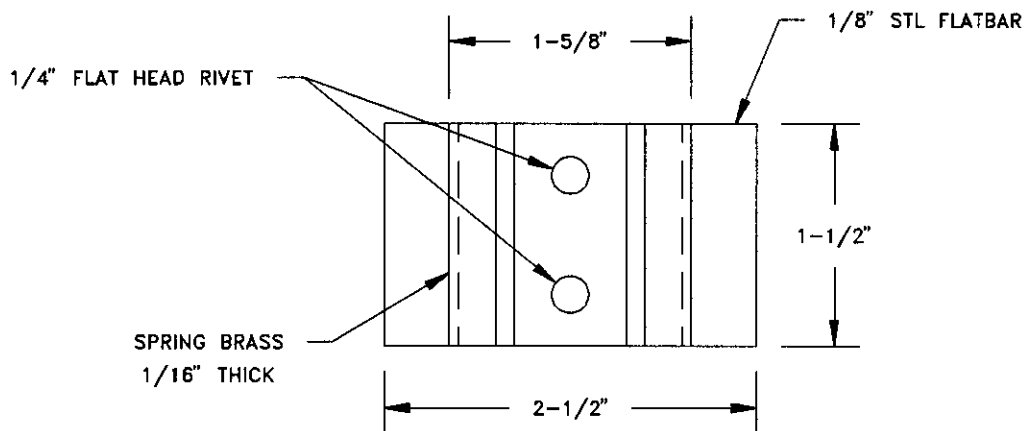
**SPRING CLIP FOR 2 AXES**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 010**  
**DAMAGE CONTROL EQUIPMENT STOWAGE (SPRING CLIPS)**  
**PAGE 1 OF 3**





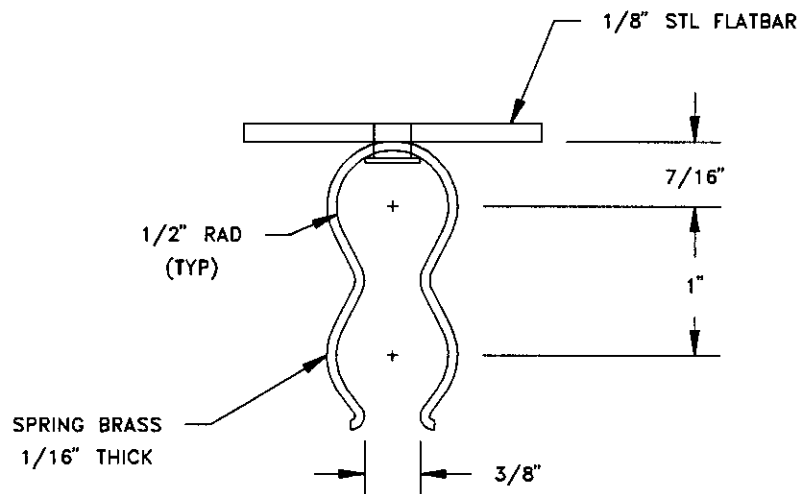
**ELEVATION**



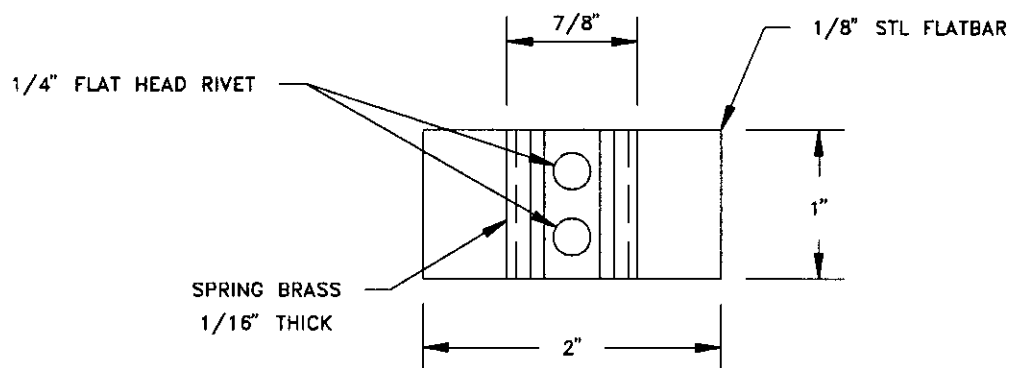
**ELEVATION**

**SPRING CLIP**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 010**  
**DAMAGE CONTROL EQUIPMENT STOWAGE (SPRING CLIPS)**  
**PAGE 2 OF 3**



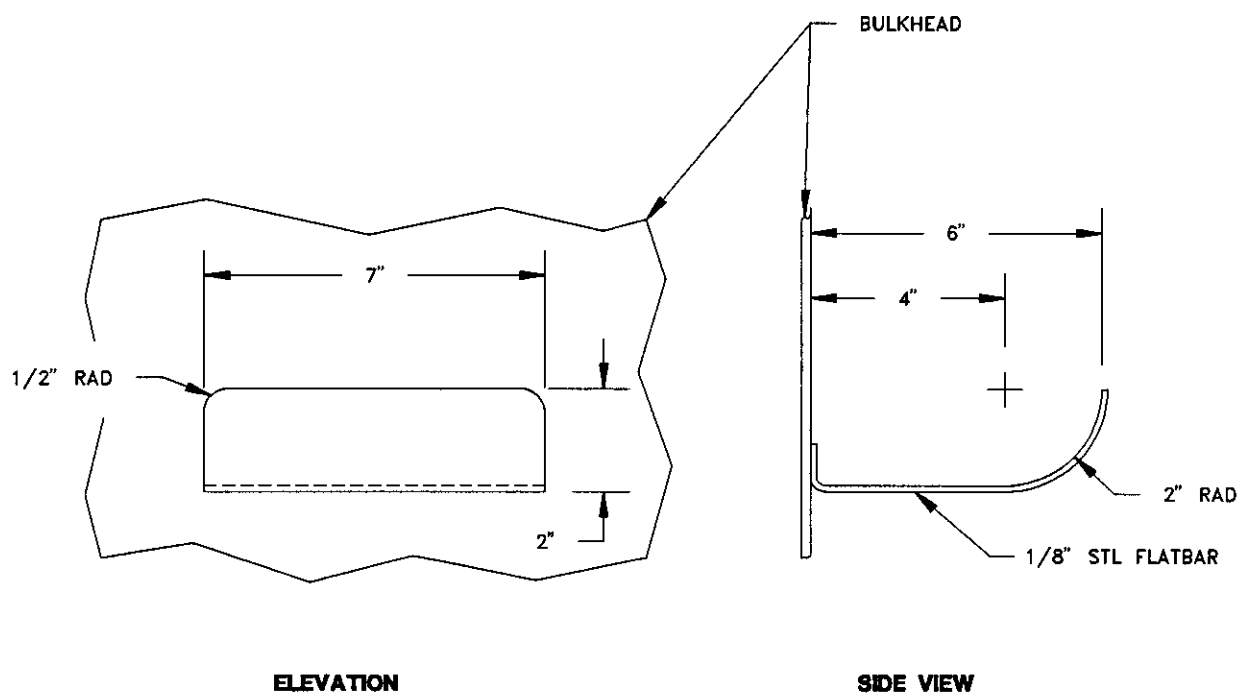
**ELEVATION**



**ELEVATION**

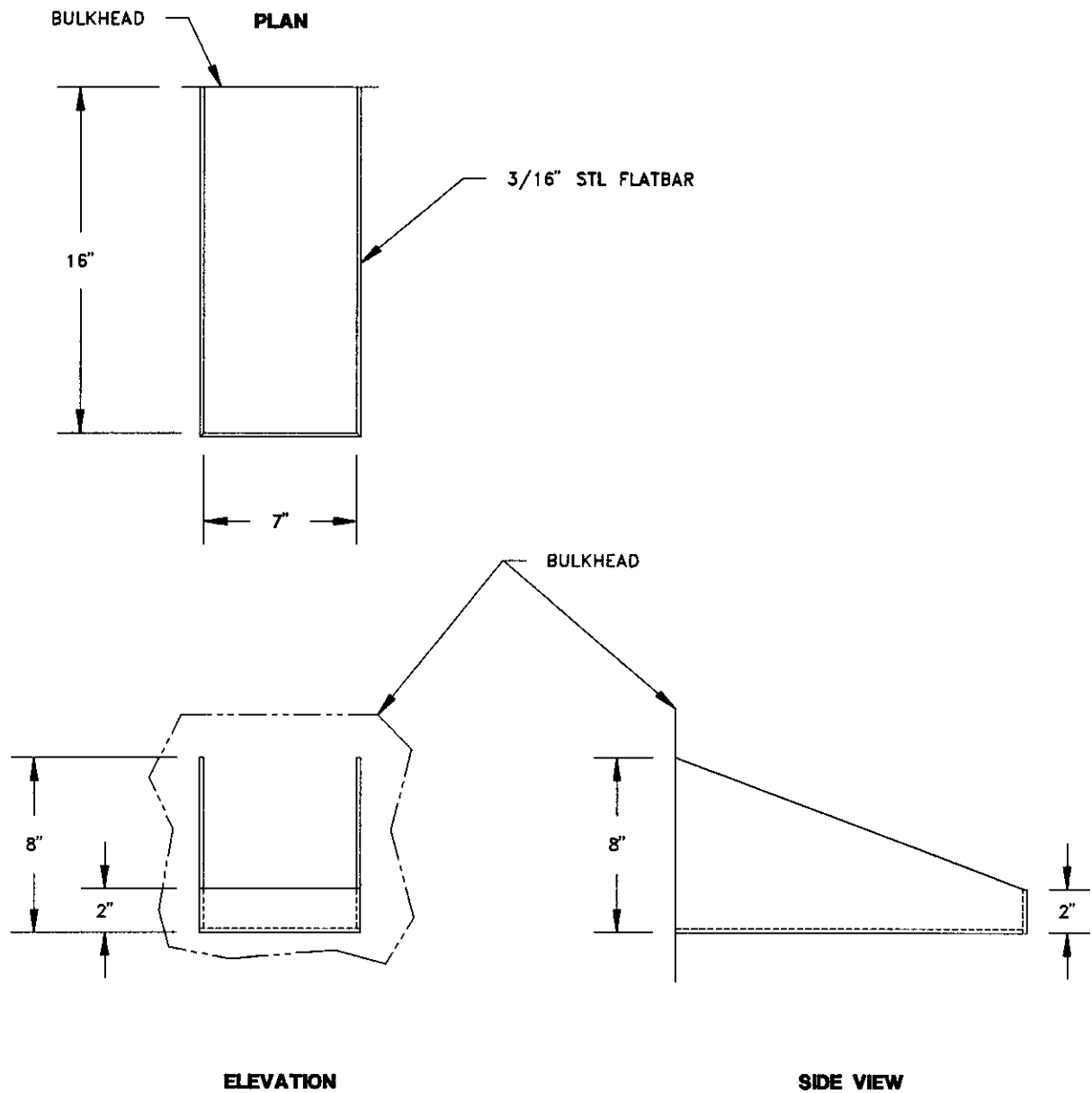
**SPRING CLIP FOR 2 WRECK BARS**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 010**  
**DAMAGE CONTROL EQUIPMENT STOWAGE (SPRING CLIPS)**  
**PAGE 3 OF 3**



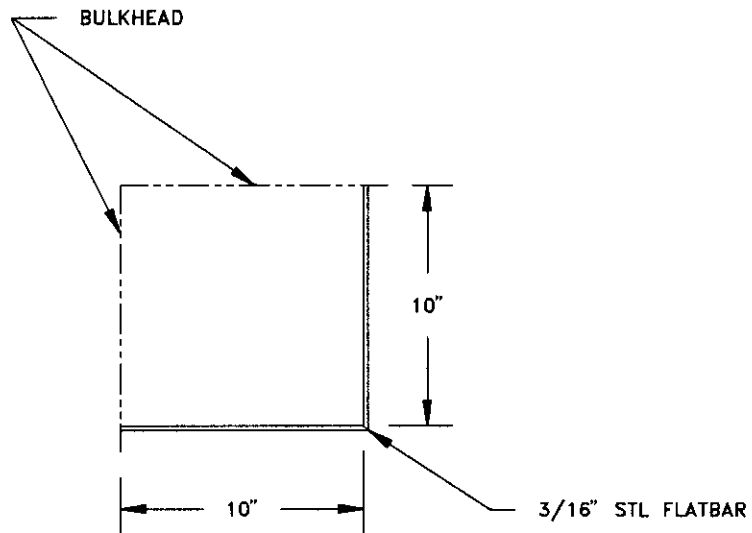
**"L" SUPPORT**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 011**  
**DAMAGE CONTROL EQUIPMENT STOWAGE SUPPORT BRACKETS**  
**PAGE 1 OF 4**

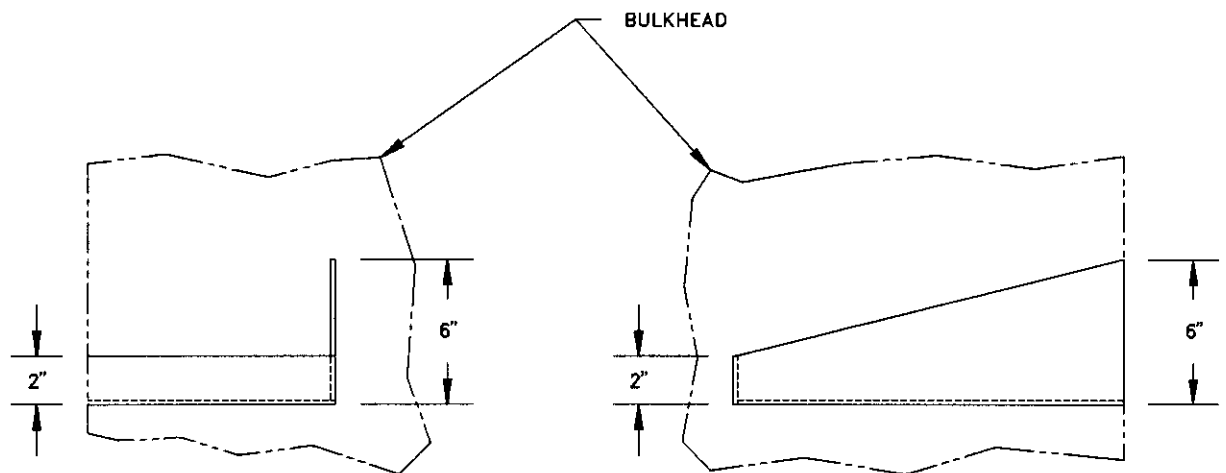


**"P" SUPPORT**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 011**  
**DAMAGE CONTROL EQUIPMENT STOWAGE SUPPORT BRACKETS**  
**PAGE 2 OF 4**



**PLAN**

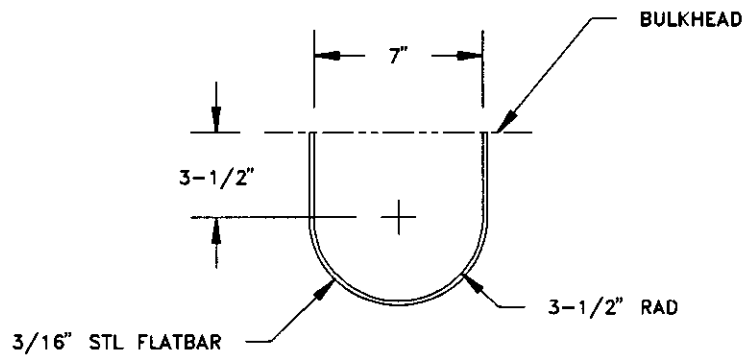


**ELEVATION**

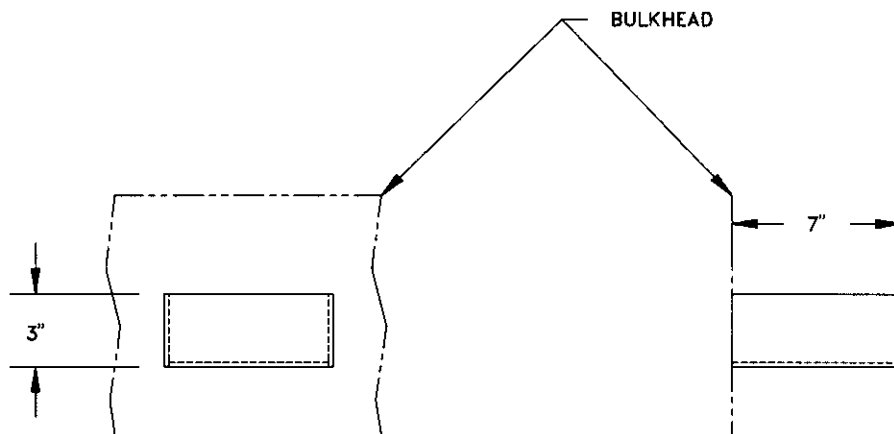
**SIDE VIEW**

**"Q" SUPPORT**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 011**  
**DAMAGE CONTROL EQUIPMENT STOWAGE SUPPORT BRACKETS**  
**PAGE 3 OF 4**



**PLAN**

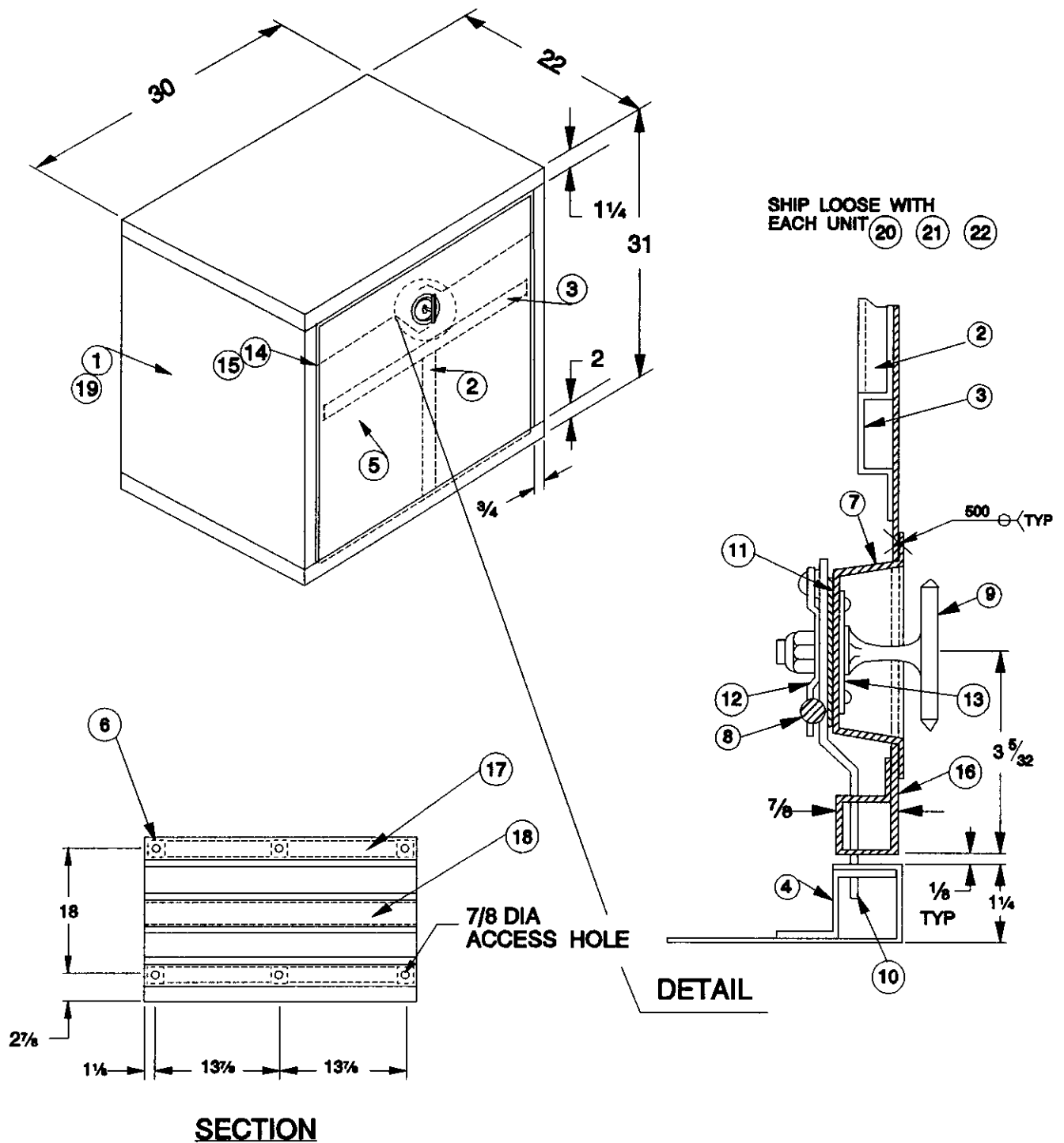


**ELEVATION**

**SIDE VIEW**

**"R" SUPPORT**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 011**  
**DAMAGE CONTROL EQUIPMENT STOWAGE SUPPORT BRACKETS**  
**PAGE 4 OF 4**



## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #012

### DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT

# LIST OF MATERIAL

NO.	DESCRIPTION	Qty.	MATERIAL
1	LOCKER	1	.063 AL. 5052-H32
2	STIFFENER, DOOR, VERT	1	.063 AL. 5052-H32
3	STIFFENER, DOOR, HORZ	1	.063 AL. 5052-H32
4	STIFFENER, LOCKER	4	.063 AL. 5052-H32
5	DOOR	1	.050 AL 5052-H32
6	REINF. PAD 2X2	6	¼ THK ALUM.
7	RECESS CUP	1	.050 ALUM
8	LOCK ROD	2	5/16 Ø SPADE BOLT, STEEL
9	TEE HANDLE	1	S3200-860055, PC# 13
10	LKG DVC PLATE	1	11 GA CRES
11	LKG DVC CAM	1	12 GA CREW
12	LKG DVC STRAP	1	16 GA CRES
13	ESCUTCHEON	1	20 GA CRES
14	DOOR FERRULE	2	HEYCO 58-500-5
15	DOOR/FRAME FERRULE	4	HEYCO 58-500-6
16	STIFFENER DOOR	4	.050 ALUM 5052-H32
17	STIFFENER	2	.063 ALUM 5052-H32
18	STIFFENER	1	.063 ALUM 5052-H32
19	BUMPER	4	RUBBER
20	BOLT, H.HD. ⅜-16 1¼L	6	STEEL
21	NUT, SELF-LKG, ⅜-16	6	STEEL
22	WASHER, FLAT, ⅜ STD.	6	STEEL

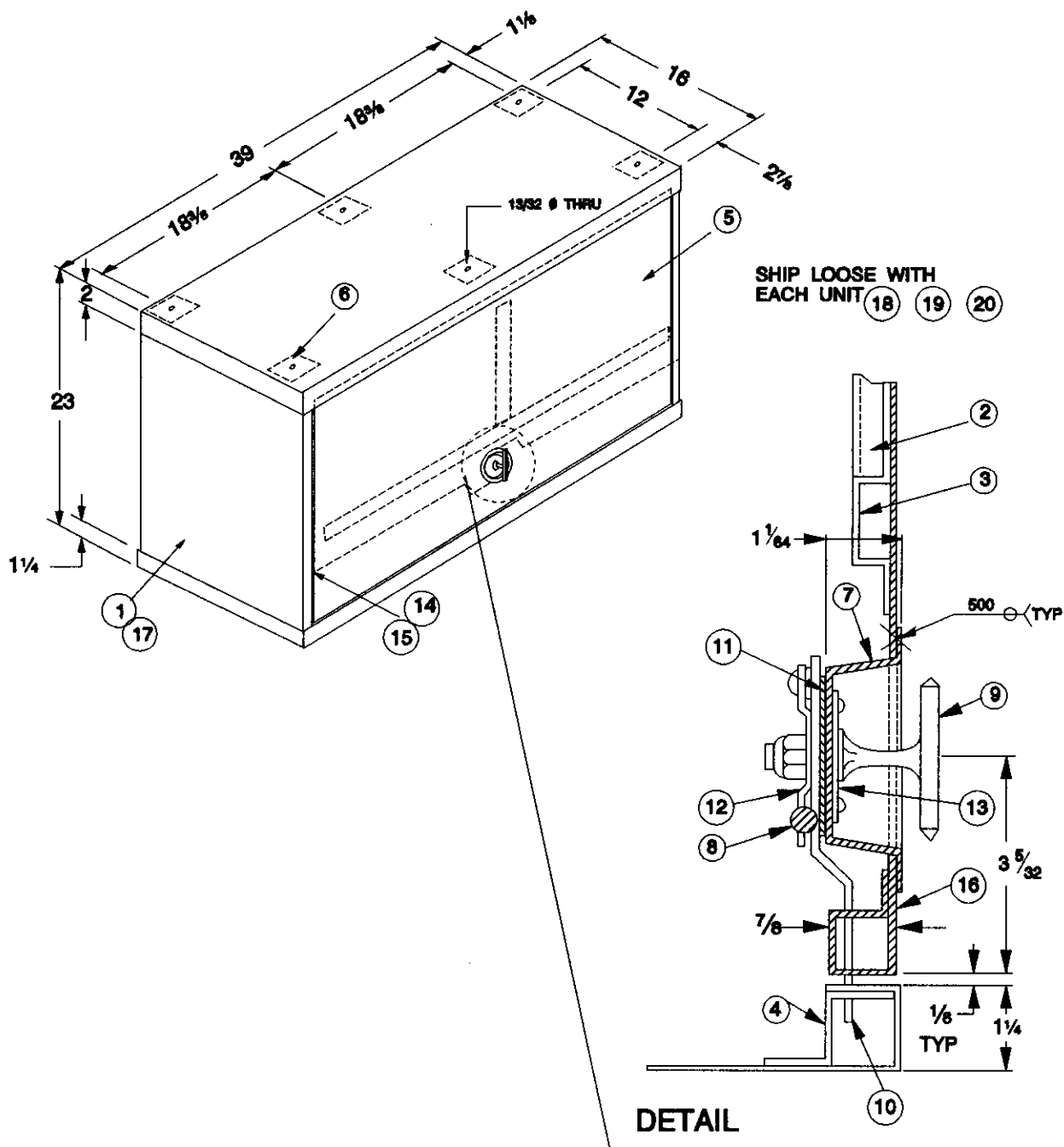
## GENERAL NOTES

- UNIT APPROVED FOR GRADE "B" SHOCK SUPSHIP BATH APPROVAL SER# 250P/2614 DATED 26 MAR 1991.
- FOR STOWAGE OF ANY ONE OF THE FOLLOWING DAMAGE CONTROL EQUIPMENT:
  - OBA CANISTER / 1 CARTON
  - LIFE JACKET
  - GAS MASK
  - GAS FREE EQUIPMENT
  - INVESTIGATOR'S EQUIPMENT

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #012

### DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT





## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #013

### DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT

# LIST OF MATERIAL

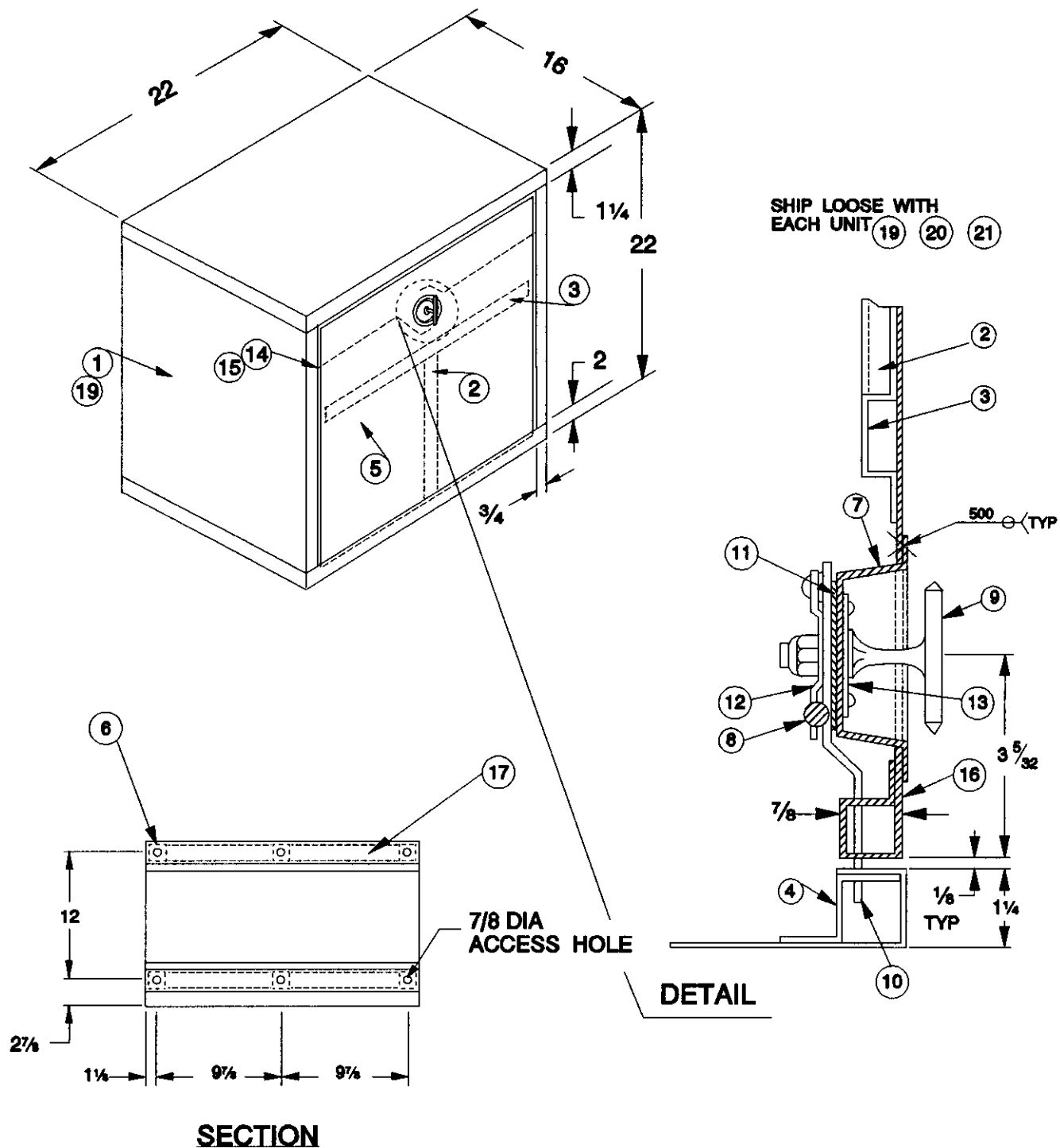
NO.	DESCRIPTION	Qty.	MATERIAL
1	LOCKER	1	.063 AL. 5052-H32
2	STIFFENER, DOOR, VERT	1	.063 AL. 5052-H32
3	STIFFENER, DOOR, HORZ	1	.063 AL. 5052-H32
4	STIFFENER, LOCKER	4	.063 AL. 5052-H32
5	DOOR	1	.050 AL 5052-H32
6	REINF. PAD 2X2	6	¼ THK ALUM.
7	RECESS CUP	1	.050 ALUM
8	LOCK ROD	2	5/16 Ø SPADE BOLT, STEEL
9	TEE HANDLE	1	S3200-860055, PC# 13
10	LKG DVC PLATE	1	11 GA CRES
11	LKG DVC CAM	1	12 GA CREW
12	LKG DVC STRAP	1	16 GA CRES
13	ESCUTCHEON	1	20 GA CRES
14	DOOR FERRULE	2	HEYCO 58-500-5
15	DOOR/FRAME FERRULE	4	HEYCO 58-500-6
16	DOOR/FRAME FERRULE	4	.050 ALUM 5052-H32
17	BUMPER	4	RUBBER
18	BOLT, H.HD. ⅝-16 1¼L	6	STEEL
19	NUT, SELF-LKG, ⅝-16	6	STEEL
20	WASHER, FLAT, ⅝ STD.	6	STEEL

## GENERAL NOTES

1. UNIT APPROVED FOR GRADE "B" SHOCK SUPSHIP BATH APPROVAL SER# 250P/2614 DATED 26 MAR 1991.
2. FOR STOWAGE OF ANY ONE OF THE FOLLOWING DAMAGE CONTROL EQUIPMENT:
  - OBA CANISTER / 1 CARTON
  - LIFE JACKET
  - GAS MASK
  - GAS FREE EQUIPMENT
  - INVESTIGATOR'S EQUIPMENT

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #013

### DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT



# **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #014**

## **DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT**

# LIST OF MATERIAL

NO.	DESCRIPTION	Qty.	MATERIAL
1	LOCKER	1	.063 AL. 5052-H32
2	STIFFENER, DOOR, VERT	1	.063 AL. 5052-H32
3	STIFFENER, DOOR, HORZ	1	.063 AL. 5052-H32
4	STIFFENER, LOCKER	4	.063 AL. 5052-H32
5	DOOR	1	.050 AL 5052-H32
6	REINF. PAD 2X2	6	¼ THK ALUM.
7	RECESS CUP	1	.050 ALUM
8	LOCK ROD	2	5/16 Ø SPADE BOLT, STEEL
9	TEE HANDLE	1	S3200-860055, PC# 13
10	LKG DVC PLATE	1	11 GA CRES
11	LKG DVC CAM	1	12 GA CREW
12	LKG DVC STRAP	1	16 GA CRES
13	ESCUTCHEON	1	20 GA CRES
14	DOOR FERRULE	2	HEYCO 58-500-5
15	DOOR/FRAME FERRULE	4	HEYCO 58-500-6
16	STIFFENER DOOR	4	.050 ALUM 5052-H32
17	STIFFENER	4	.063 ALUM 5052-H32
18	BUMPER	4	RUBBER
19	BOLT, H.HD. ⅝-16 1¼L	6	STEEL
20	NUT, SELF-LKG, ⅝-16	6	STEEL
21	WASHER, FLAT, ⅝ STD.	6	STEEL

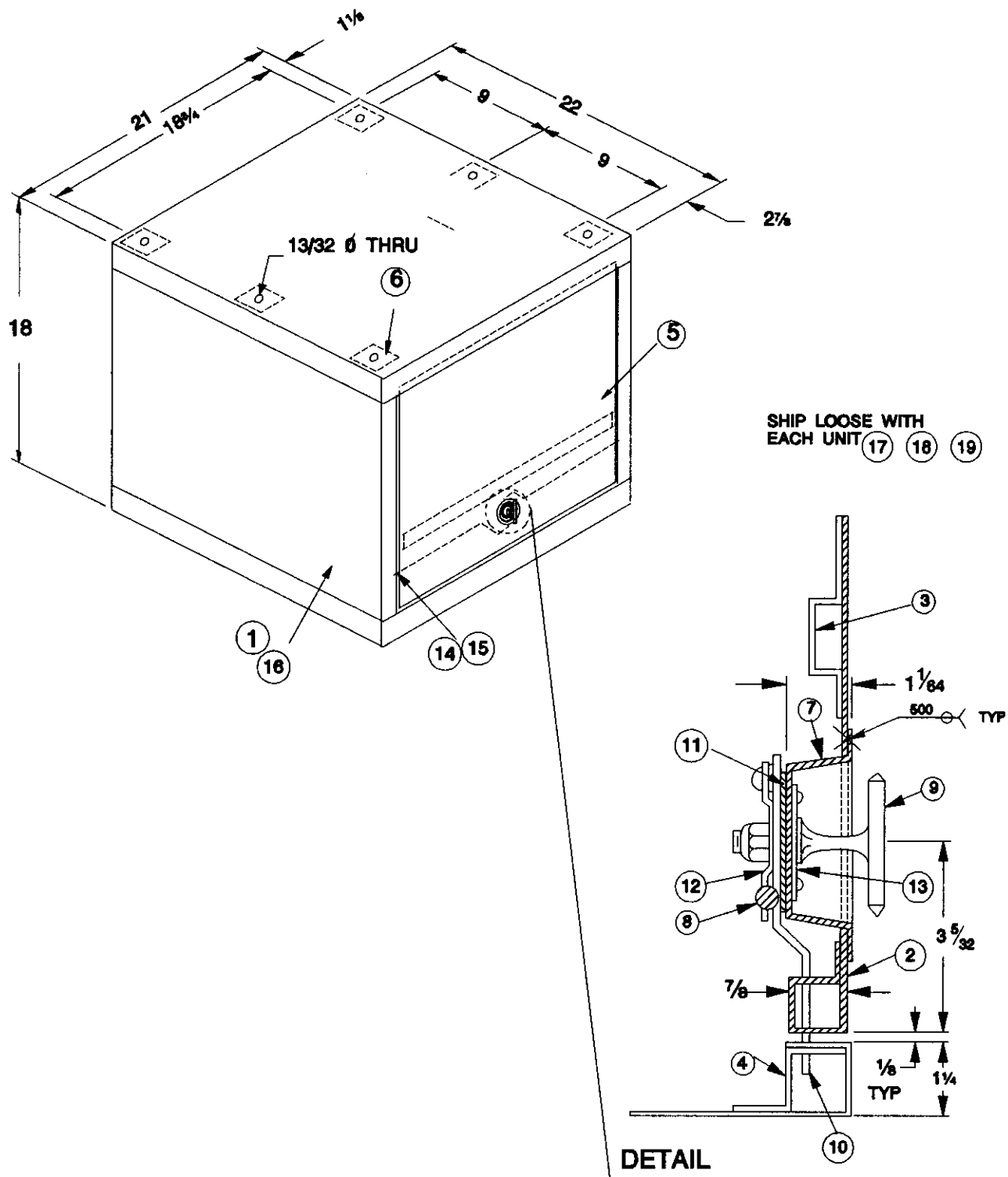
## GENERAL NOTES

1. UNIT APPROVED FOR GRADE "B" SHOCK SUPSHIP BATH APPROVAL SER# 250P/2614 DATED 26 MAR 1991.
2. FOR STOWAGE OF ANY ONE OF THE FOLLOWING DAMAGE CONTROL EQUIPMENT:
  - OBA CANISTER / 1 CARTON
  - LIFE JACKET
  - GAS MASK
  - GAS FREE EQUIPMENT
  - INVESTIGATOR'S EQUIPMENT

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #014

DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT

Page 2 of 2



## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #015

### DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT

# LIST OF MATERIAL

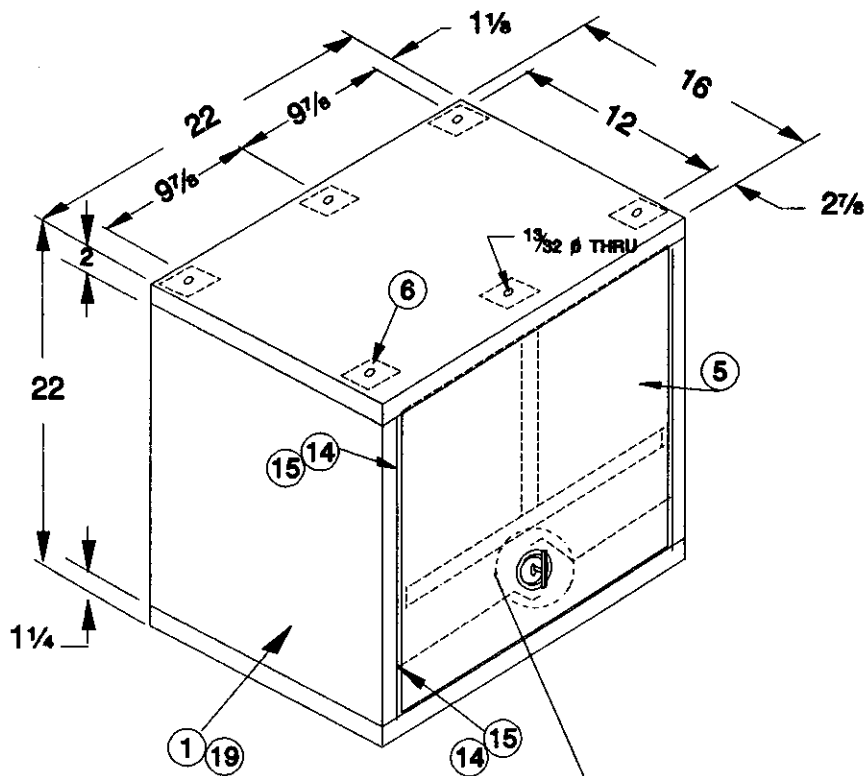
NO.	DESCRIPTION	Qty.	MATERIAL
1	LOCKER	1	.063 AL. 5052-H32
2	STIFFENER, DOOR	1	.063 AL. 5052-H32
3	STIFFENER, DOOR, HORZ	1	.063 AL. 5052-H32
4	STIFFENER, LOCKER	4	.063 AL. 5052-H32
5	DOOR	1	.050 AL 5052-H32
6	REINF. PAD 2X2	6	¼ THK ALUM.
7	RECESS CUP	1	.050 ALUM
8	LOCK ROD	2	5/16 Ø SPADE BOLT, STEEL
9	TEE HANDLE	1	S3200-860055, PC# 13
10	LKG DVC PLATE	1	11 GA CRES
11	LKG DVC CAM	1	12 GA CREW
12	LKG DVC STRAP	1	16 GA CRES
13	ESCUTCHEON	1	20 GA CRES
14	DOOR FERRULE	2	HEYCO 58-500-5
15	DOOR/FRAME FERRULE	4	HEYCO 58-500-6
16	BUMPER	4	RUBBER
17	BOLT, H.HD. ⅝-16 1¼L	6	STEEL
18	NUT, SELF-LKG, ⅝-16	6	STEEL
19	WASHER, FLAT, ⅝ STD.	6	STEEL

## GENERAL NOTES

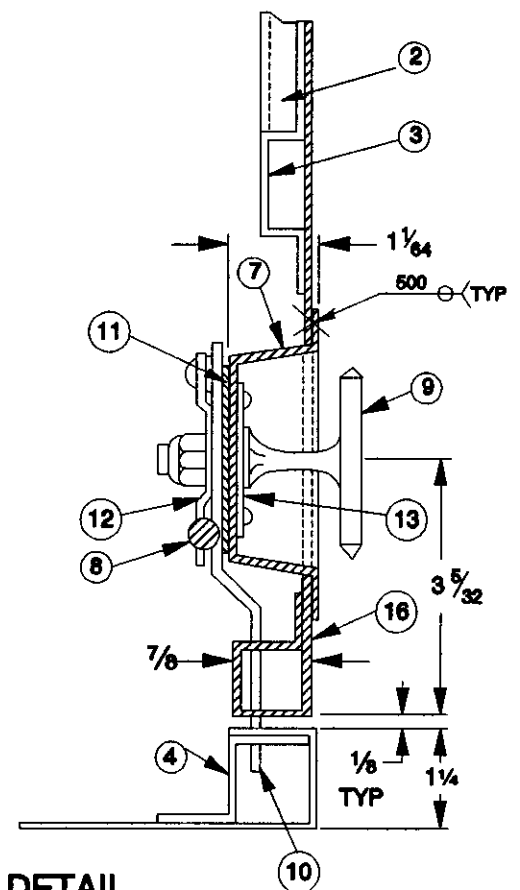
- UNIT APPROVED FOR GRADE "B" SHOCK SUPSHIP BATH APPROVAL SER# 250P/2614 DATED 26 MAR 1991.
- FOR STOWAGE OF ANY ONE OF THE FOLLOWING DAMAGE CONTROL EQUIPMENT:
  - OBA CANISTER / 1 CARTON
  - LIFE JACKET
  - GAS MASK
  - GAS FREE EQUIPMENT
  - INVESTIGATOR'S EQUIPMENT

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #015

### DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT



SHIP LOOSE WITH  
EACH UNIT 18 19 20



DETAIL

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #016

DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT

# LIST OF MATERIAL

NO.	DESCRIPTION	Qty.	MATERIAL
1	LOCKER	1	.063 AL. 5052-H32
2	STIFFENER, DOOR, VERT	1	.063 AL. 5052-H32
3	STIFFENER, DOOR, HORZ	1	.063 AL. 5052-H32
4	STIFFENER, LOCKER	4	.063 AL. 5052-H32
5	DOOR	1	.050 AL 5052-H32
6	REINF. PAD 2X2	6	¼ THK ALUM.
7	RECESS CUP	1	.050 ALUM
8	LOCK ROD	2	5/16 Ø SPADE BOLT, STEEL
9	TEE HANDLE	1	S3200-860055, PC# 13
10	LKG DVC PLATE	1	11 GA CRES
11	LKG DVC CAM	1	12 GA CREW
12	LKG DVC STRAP	1	16 GA CRES
13	ESCUTCHEON	1	20 GA CRES
14	DOOR FERRULE	2	HEYCO 58-500-5
15	DOOR/FRAME FERRULE	4	HEYCO 58-500-6
16	STIFFENER DOOR	4	.050 ALUM 5052-H32
17	BUMPER	4	RUBBER
18	BOLT, H.HD. ⅝-16 1¼L	6	STEEL
19	NUT, SELF-LKG, ⅝-16	6	STEEL
20	WASHER, FLAT, ⅝ STD.	6	STEEL

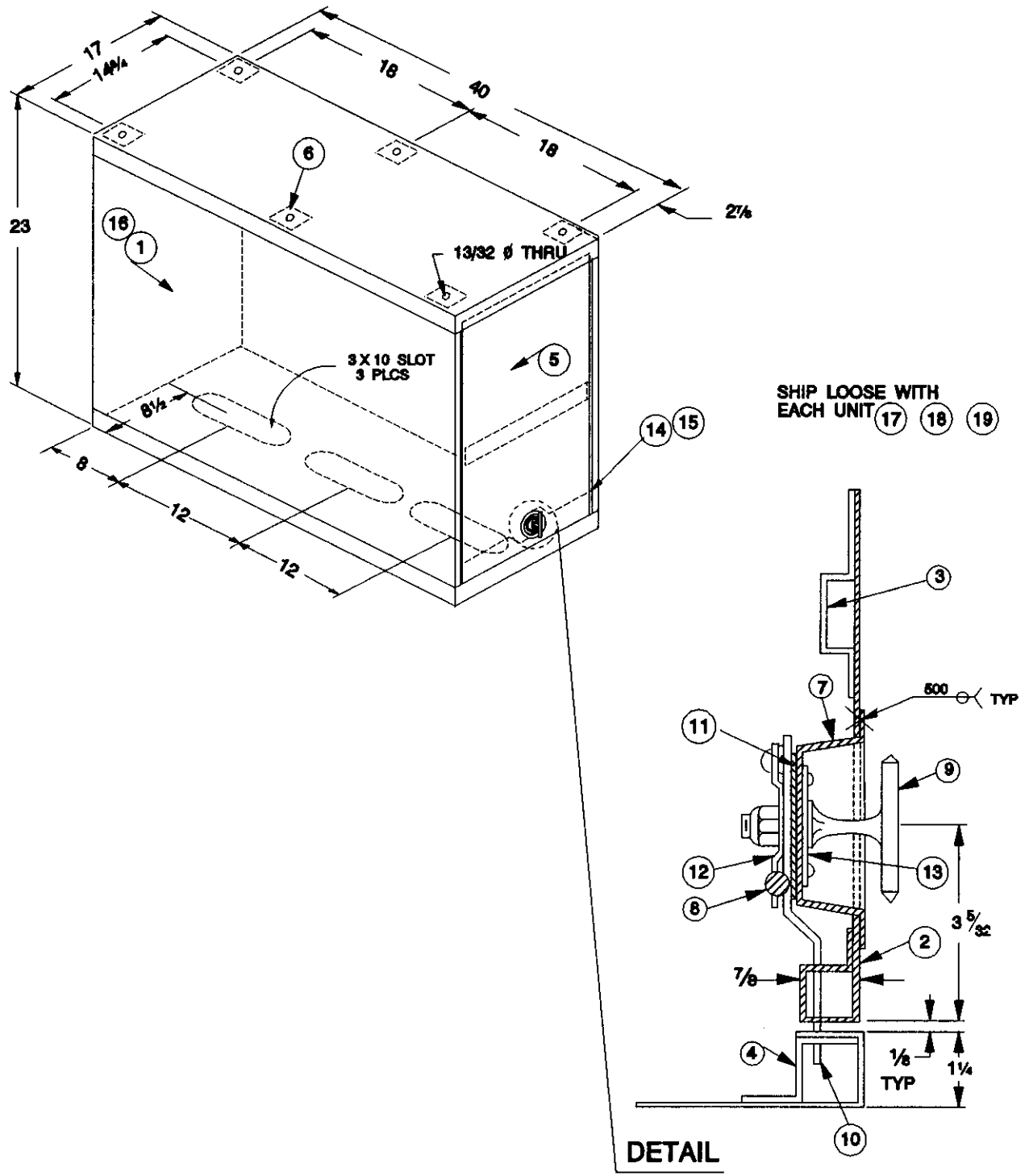
## GENERAL NOTES

- UNIT APPROVED FOR GRADE "B" SHOCK SUPSHIP BATH APPROVAL SER# 250P/2614 DATED 26 MAR 1991.
- FOR STOWAGE OF ANY ONE OF THE FOLLOWING DAMAGE CONTROL EQUIPMENT:
  - OBA CANISTER / 1 CARTON
  - LIFE JACKET
  - GAS MASK
  - GAS FREE EQUIPMENT
  - INVESTIGATOR'S EQUIPMENT

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #016

### DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT





# **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #017**

## **DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT**

# LIST OF MATERIAL

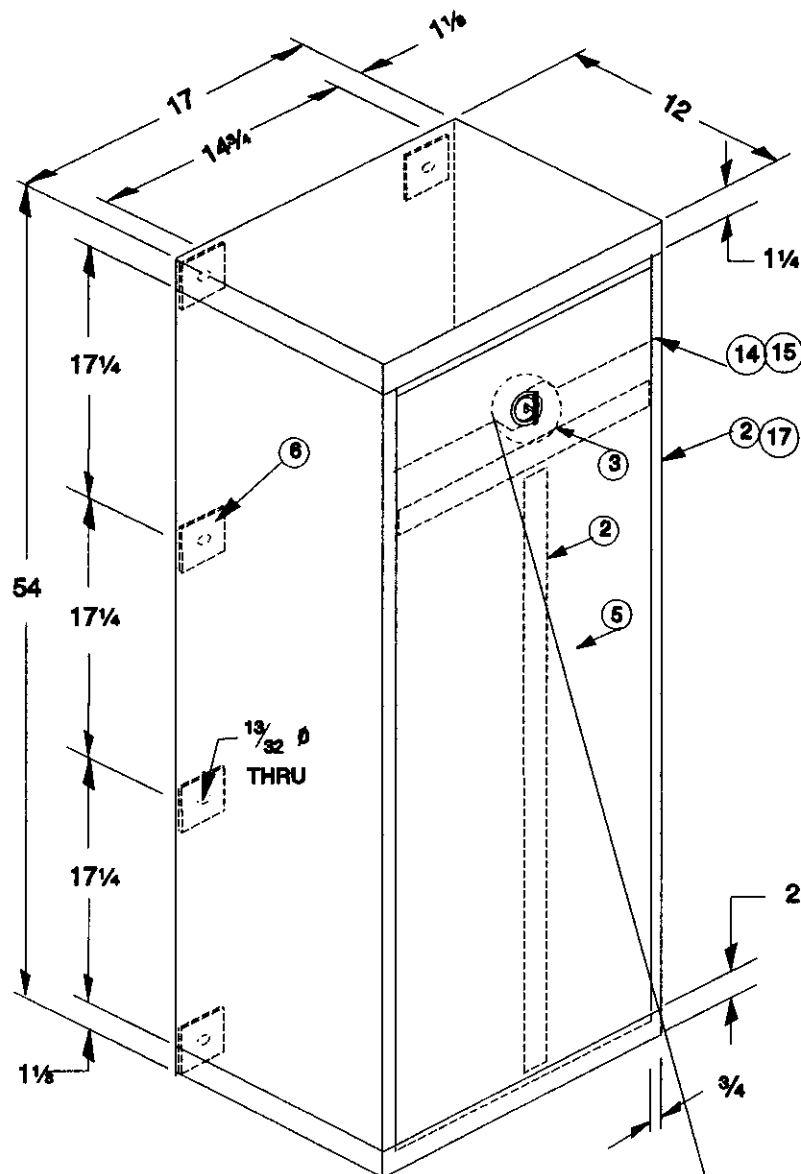
NO.	DESCRIPTION	Qty.	MATERIAL
1	LOCKER	1	.063 AL. 5052-H32
2	STIFFENER, DOOR	1	.063 AL. 5052-H32
3	STIFFENER, DOOR, HORZ	1	.063 AL. 5052-H32
4	STIFFENER, LOCKER	4	.063 AL. 5052-H32
5	DOOR	1	.050 AL 5052-H32
6	REINF. PAD 2X2	6	¼ THK ALUM.
7	RECESS CUP	1	.050 ALUM
8	LOCK ROD	2	5/16 Ø SPADE BOLT, STEEL
9	TEE HANDLE	1	S3200-860055, PC# 13
10	LKG DVC PLATE	1	11 GA CRES
11	LKG DVC CAM	1	12 GA CREW
12	LKG DVC STRAP	1	16 GA CRES
13	ESCUTCHEON	1	20 GA CRES
14	DOOR FERRULE	2	HEYCO 58-500-5
15	DOOR/FRAME FERRULE	4	HEYCO 58-500-6
16	BUMPER	4	RUBBER
17	BOLT, H.HD. ⅝-16 1¼L	6	STEEL
18	NUT, SELF-LKG, ⅝-16	6	STEEL
19	WASHER, FLAT, ⅝ STD.	6	STEEL

## GENERAL NOTES

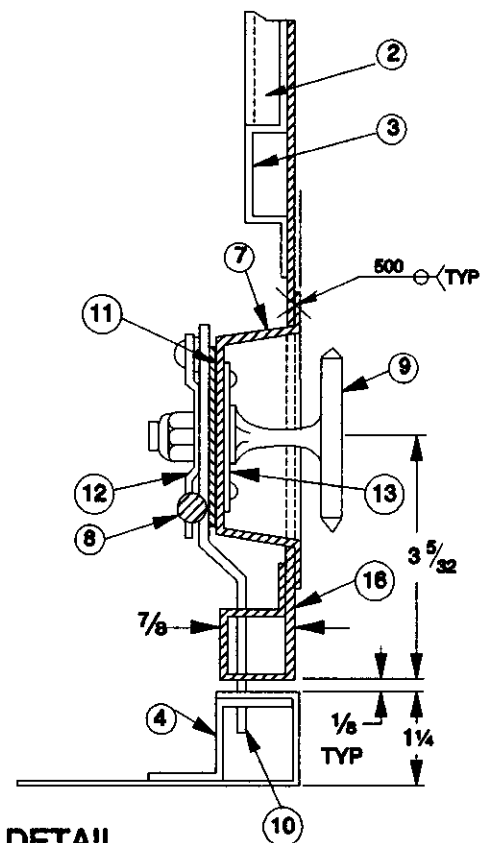
- UNIT APPROVED FOR GRADE "B" SHOCK SUPSHIP BATH APPROVAL SER# 250P/2614 DATED 26 MAR 1991.
- FOR STOWAGE OF ANY ONE OF THE FOLLOWING DAMAGE CONTROL EQUIPMENT:
  - OBA CANISTER / 1 CARTON
  - LIFE JACKET
  - GAS MASK
  - GAS FREE EQUIPMENT
  - INVESTIGATOR'S EQUIPMENT

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #017

### DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT



SHIP LOOSE WITH  
EACH UNIT 18 19 20



DETAIL

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #018

### DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT

# LIST OF MATERIAL

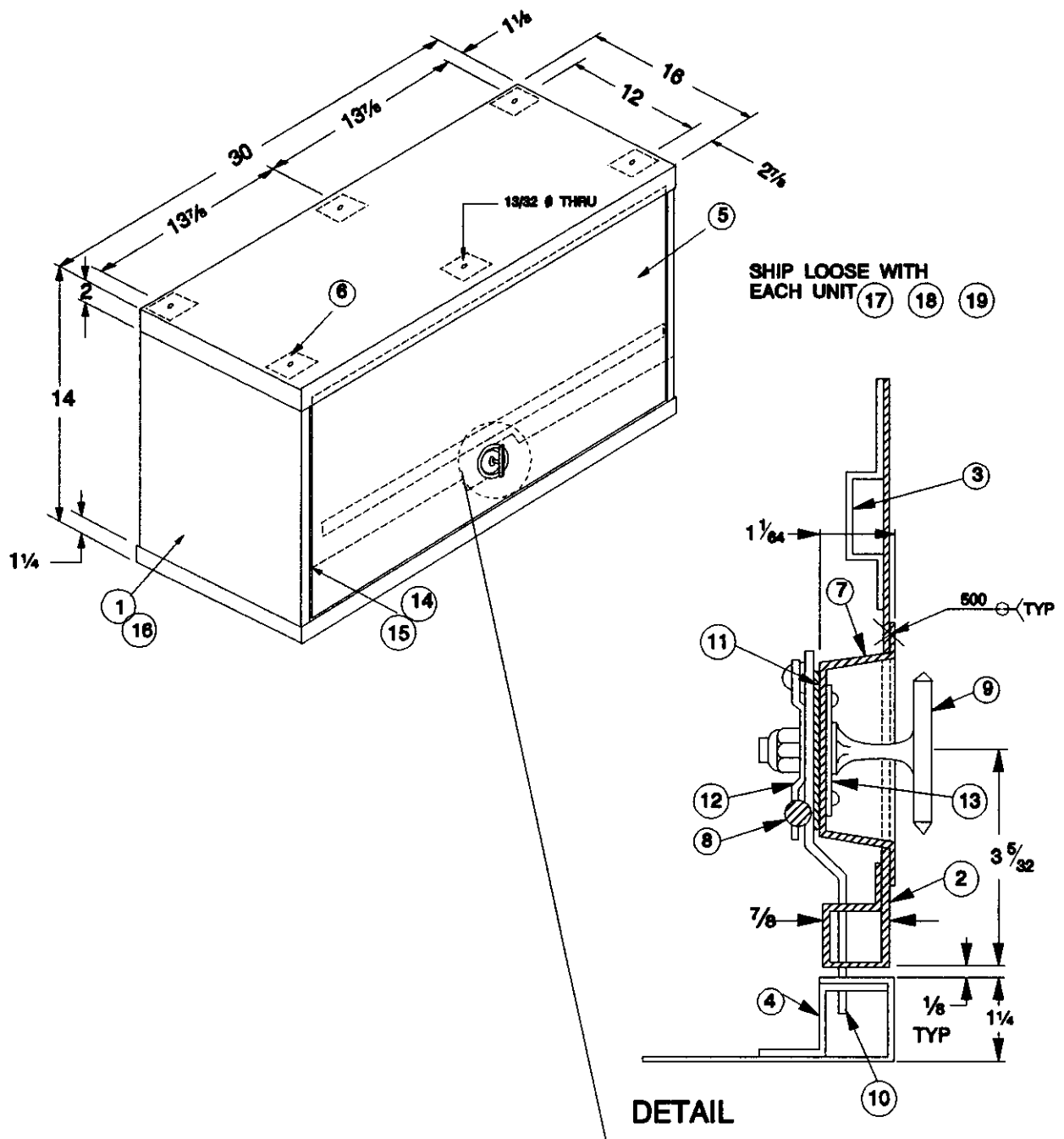
NO.	DESCRIPTION	Qty.	MATERIAL
1	LOCKER	1	.063 AL. 5052-H32
2	STIFFENER, DOOR, VERT	1	.063 AL. 5052-H32
3	STIFFENER, DOOR, HORZ	1	.063 AL. 5052-H32
4	STIFFENER, LOCKER	4	.063 AL. 5052-H32
5	DOOR	1	.050 AL 5052-H32
6	REINF. PAD 2X2	8	¼ THK ALUM.
7	RECESS CUP	1	.050 ALUM
8	LOCK ROD	2	5/16 Ø SPADE BOLT, STEEL
9	TEE HANDLE	1	S3200-860055, PC# 13
10	LKG DVC PLATE	1	11 GA CRES
11	LKG DVC CAM	1	12 GA CREW
12	LKG DVC STRAP	1	16 GA CRES
13	ESCUTCHEON	1	20 GA CRES
14	DOOR FERRULE	2	HEYCO 58-500-5
15	DOOR/FRAME FERRULE	4	HEYCO 58-500-6
16	STIFFENER DOOR	4	.050 ALUM 5052-H32
17	BUMPER	4	RUBBER
18	BOLT, H.HD. ⅜-16	8	STEEL 1 ¼ L
19	NUT, SELF-LKG, ⅜-16	8	STEEL
20	WASHER, FLAT, ⅜ STD.	8	STEEL

## GENERAL NOTES

1. UNIT APPROVED FOR GRADE "B" SHOCK SUPSHIP BATH APPROVAL SER# 250P/2614 DATED 26 MAR 1991.
2. FOR STOWAGE OF ANY ONE OF THE FOLLOWING DAMAGE CONTROL EQUIPMENT:
  - OBA CANISTER / 1 CARTON
  - LIFE JACKET
  - GAS MASK
  - GAS FREE EQUIPMENT
  - INVESTIGATOR'S EQUIPMENT

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #018

### DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT



## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #019

### DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT

# LIST OF MATERIAL

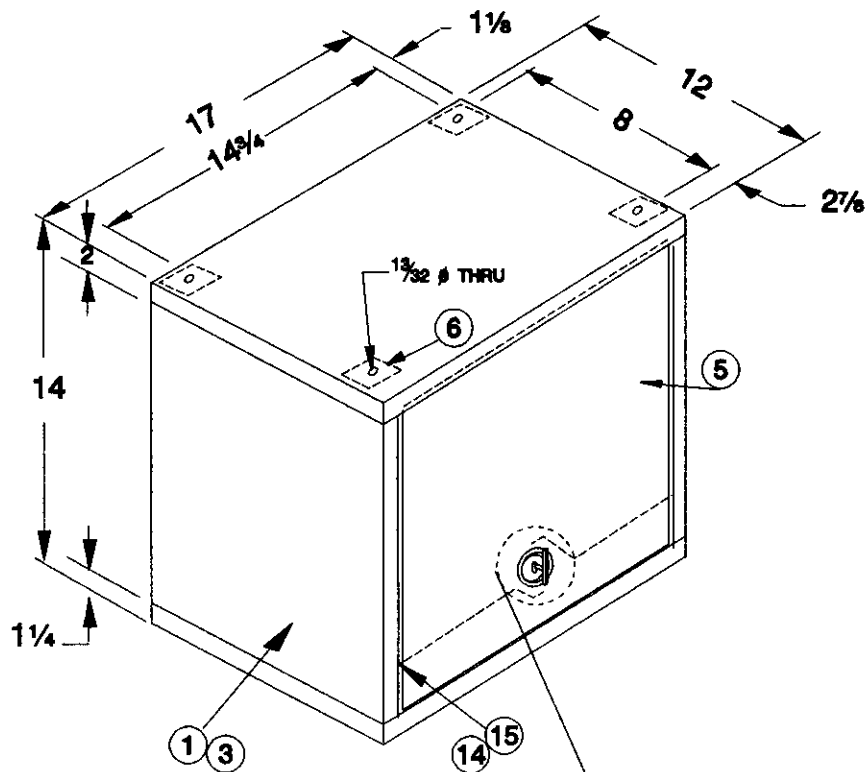
NO.	DESCRIPTION	Qty.	MATERIAL
1	LOCKER	1	.063 AL. 5052-H32
2	STIFFENER, DOOR	4	.050 ALUM
3	STIFFENER, DOOR, HORZ	1	.063 AL. 5052-H32
4	STIFFENER, LOCKER	4	.063 AL. 5052-H32
5	DOOR	1	.050 AL 5052-H32
6	REINF. PAD 2X2	6	¼ THK ALUM.
7	RECESS CUP	1	.050 ALUM
8	LOCK ROD	2	5/16 Ø SPADE BOLT, STEEL
9	TEE HANDLE	1	S3200-860055, PC# 13
10	LKG DVC PLATE	1	11 GA CRES
11	LKG DVC CAM	1	12 GA CREW
12	LKG DVC STRAP	1	16 GA CRES
13	ESCUTCHEON	1	20 GA CRES
14	DOOR FERRULE	2	HEYCO 58-500-5
15	DOOR/FRAME FERRULE	4	HEYCO 58-500-6
16	BUMPER	4	RUBBER
17	BOLT, H.HD. ⅝-16	6	STEEL 1¼L
18	NUT, SELF-LKG, ⅝-16	6	STEEL
19	WASHER, FLAT, ⅝ STD.	6	STEEL

## GENERAL NOTES

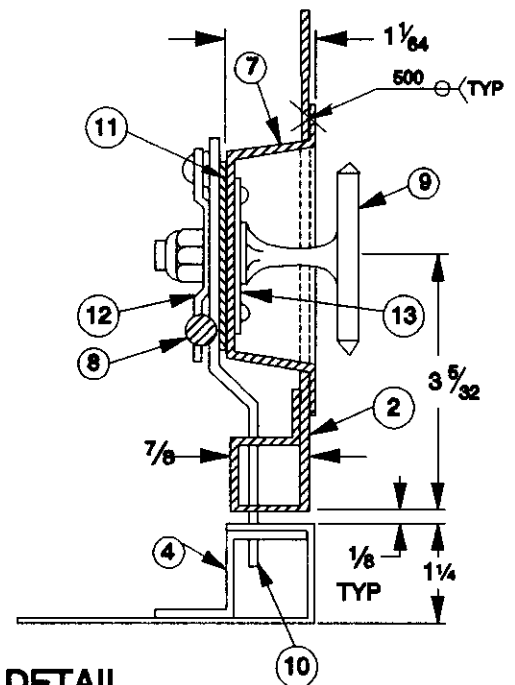
- UNIT APPROVED FOR GRADE "B" SHOCK SUPSHIP BATH APPROVAL SER# 250P/2614 DATED 26 MAR 1991.
- FOR STOWAGE OF ANY ONE OF THE FOLLOWING DAMAGE CONTROL EQUIPMENT:
  - OBA CANISTER / 1 CARTON
  - LIFE JACKET
  - GAS MASK
  - GAS FREE EQUIPMENT
  - INVESTIGATOR'S EQUIPMENT

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #019

### DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT



SHIP LOOSE WITH  
EACH UNIT (16) (17) (18)



DETAIL

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #020

### DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT

Page 1 of 2

# LIST OF MATERIAL

NO.	DESCRIPTION	Qty.	MATERIAL
1	LOCKER	1	.063 AL. 5052-H32
2	STIFFENER, DOOR	4	.050 AL 5052-H32
3	BUMPER	4	RUBBER
4	STIFFENER, LOCKER	4	.063 AL. 5052-H32
5	DOOR	1	.050 AL 5052-H32
6	REINF. PAD 2X2	4	¼ THK ALUM.
7	RECESS CUP	1	.050 ALUM
8	LOCK ROD	2	5/16 Ø SPADE BOLT, STEEL
9	TEE HANDLE	1	S3200-860055, PC# 13
10	LKG DVC PLATE	1	11 GA CRES
11	LKG DVC CAM	1	12 GA CREW
12	LKG DVC STRAP	1	16 GA CRES
13	ESCUTCHEON	1	20 GA CRES
14	DOOR FERRULE	2	HEYCO 58-500-5
15	DOOR/FRAME FERRULE	4	HEYCO 58-500-6
16	BOLT, H.HD. ¾-16	4	STEEL 1 ¼ L
17	NUT, SELF-LKG, ¾-16	4	STEEL
18	WASHER, FLAT, ¾ STD.	4	STEEL

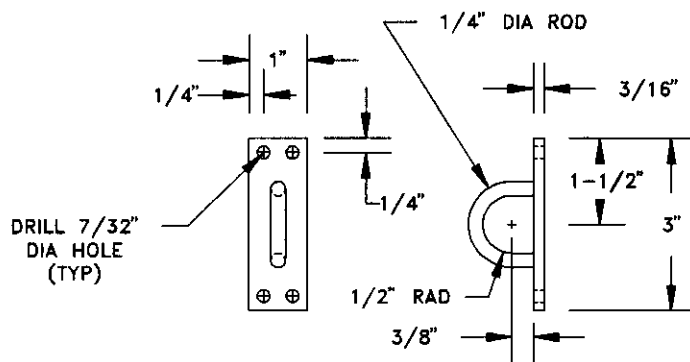
## GENERAL NOTES

1. UNIT APPROVED FOR GRADE "B" SHOCK SUPSHIP BATH APPROVAL SER# 250P/2614 DATED 26 MAR 1991.
2. FOR STOWAGE OF ANY ONE OF THE FOLLOWING DAMAGE CONTROL EQUIPMENT:
  - OBA CANISTER / 1 CARTON
  - LIFE JACKET
  - GAS MASK
  - GAS FREE EQUIPMENT
  - INVESTIGATOR'S EQUIPMENT

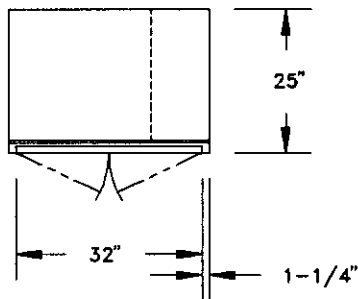
## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #020

### DAMAGE CONTROL LOCKER, VARIOUS EQUIPMENT

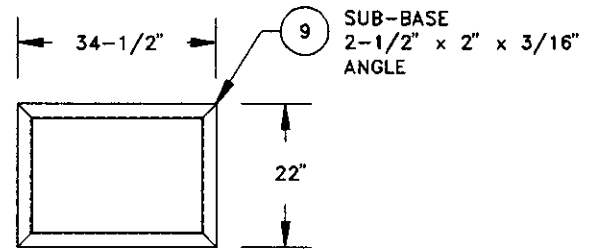




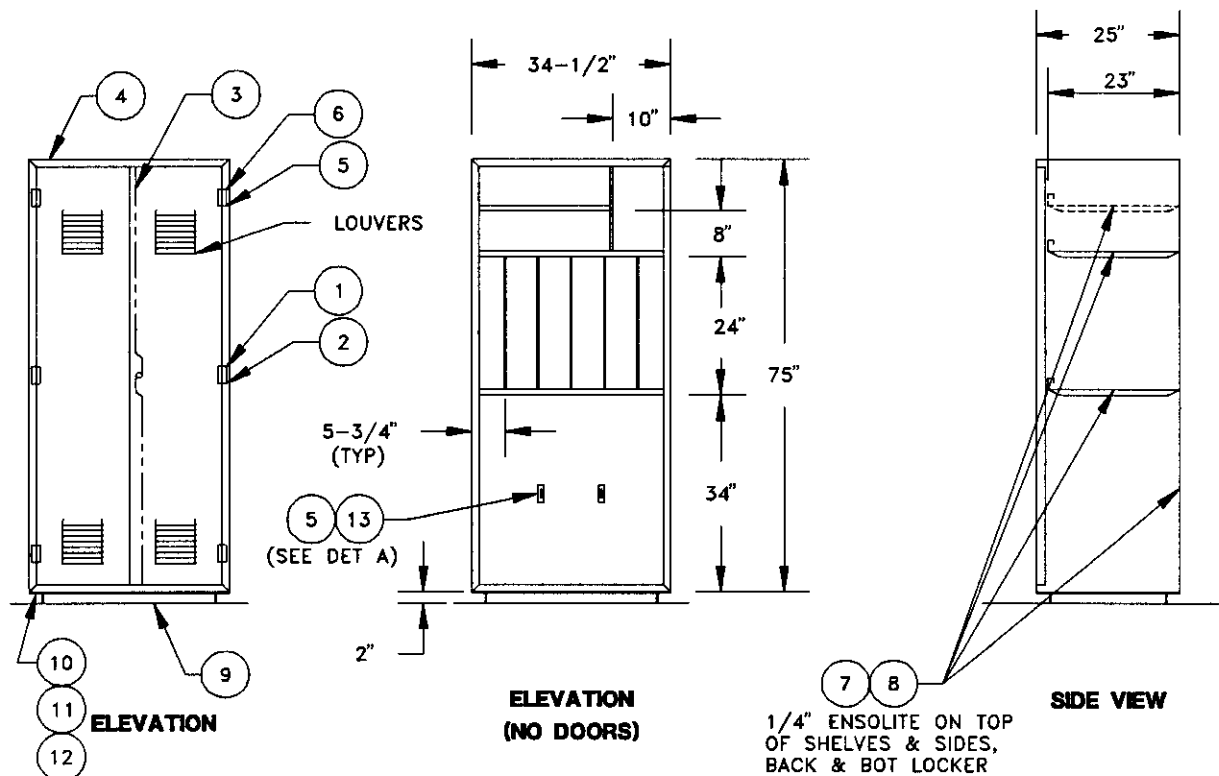
**DETAIL A**



**PLAN**



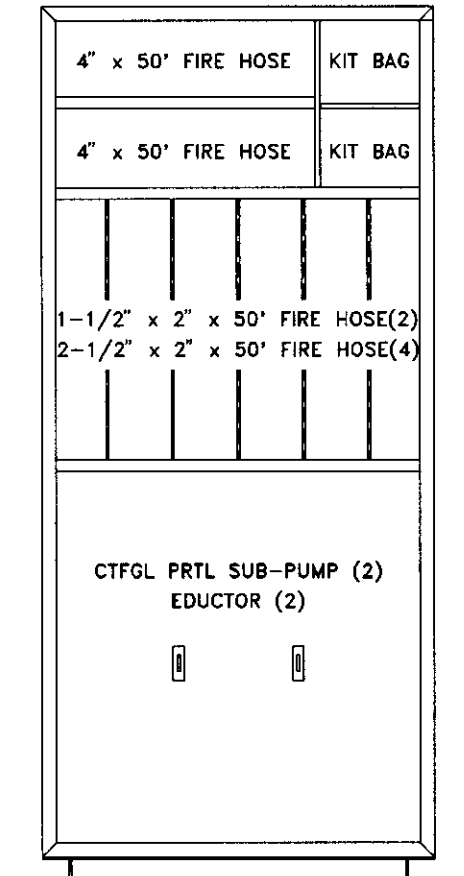
**PLAN (SUB-BASE)**



**ELEVATION  
(NO DOORS)**

**SIDE VIEW**

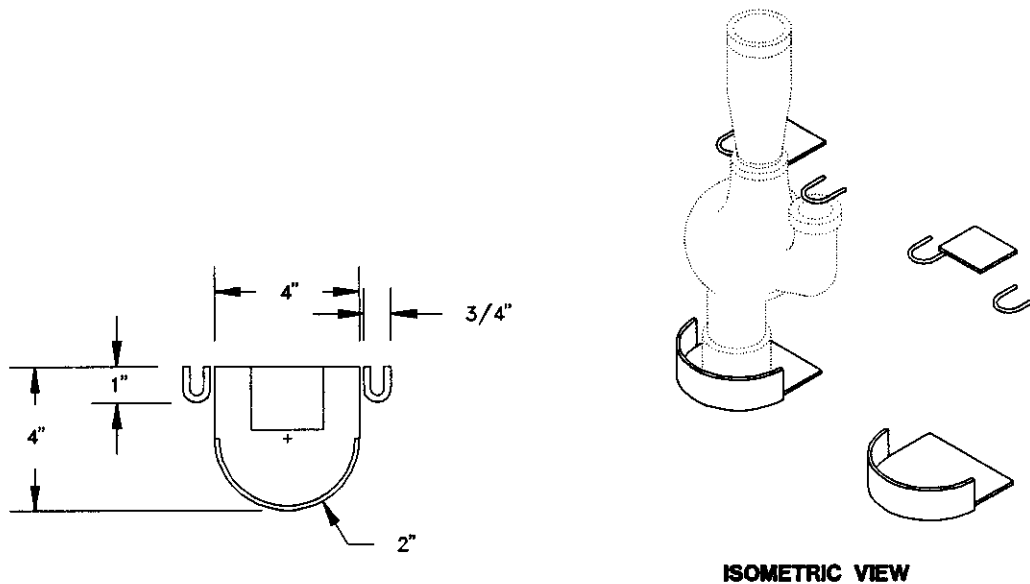
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 021**  
**DEWATERING KIT STOWAGE LOCKER**  
**PAGE 1 OF 3**



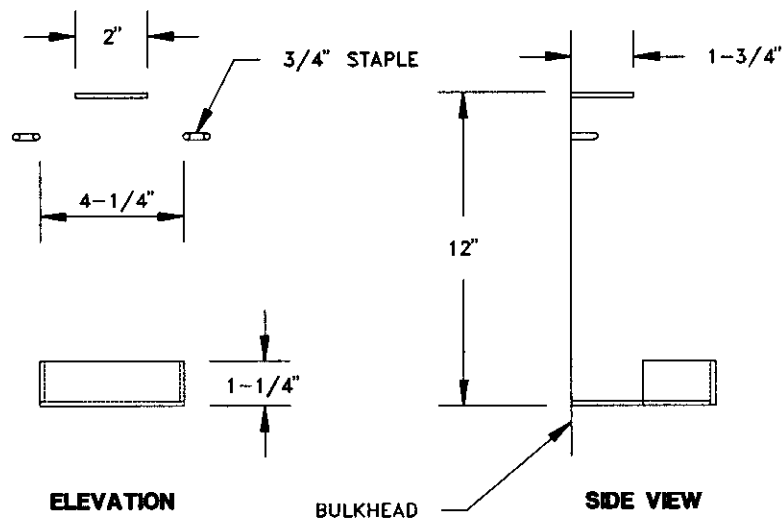
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 021**  
**DEWATERING KIT STOWAGE LOCKER**  
**PAGE 2 OF 3**

	ASSY	LIST OF MATERIAL			
QTY	PART NO.	NAME	MATERIAL	REFERENCES	REMARKS
6	1	HINGE, 2" x 1-5/8"	STL CAD PLTD	NN STOCK 17-15-302	
6	2	ANTI-RATTLER	RUBBER PURE GUM		
1	3	LOCKING DEVICE	SEE DET DWG	ASSY64, REF 6	
1	4	LOCKER	SEE DET DWG	REF 5	
36	5	HUCK RIVET SELF PLUGGING BLIND NO. P-6-D	ALUMINUM		
12	6	HUCK COMMERCIAL LOCK BOLT NO. CLPB F6-2	ALUMINUM		
AS REQ'D	7	1/4" ENSOLITE	TY III RUBBER		MIL-P-15280
AS REQ'D	8	BONDING AGENT	CEMENT		MIL-A-24179
12LF	9	ANGLE, BASE, 2-1/2" x 2" x 3/16"	MED STL		
24	10	BOLT, 1/4"-20UNC 2A	STL (ZINC COAT)		L-3/4"
24	11	NUT, HEX 1/4"-20UNC 2B	STL (ZINC COAT)		TACK WELD TO PT # 9 IN SHOP
24	12	WASHER, LOCK	STL (ZINC COAT)		
6	13	LASHING STAPLE	MED STL		SEE DETAIL D

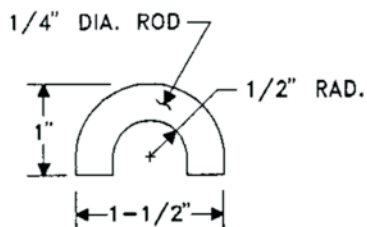
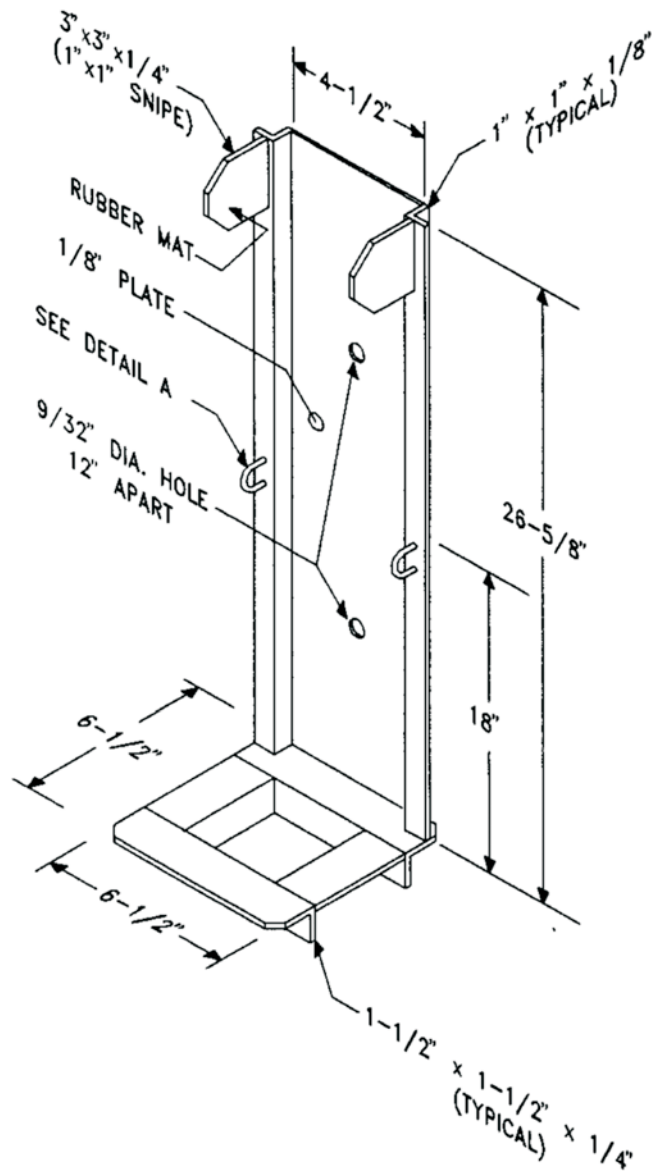
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 021**  
**DEWATERING KIT STOWAGE LOCKER**  
**PAGE 3 OF 3**



**PLAN**

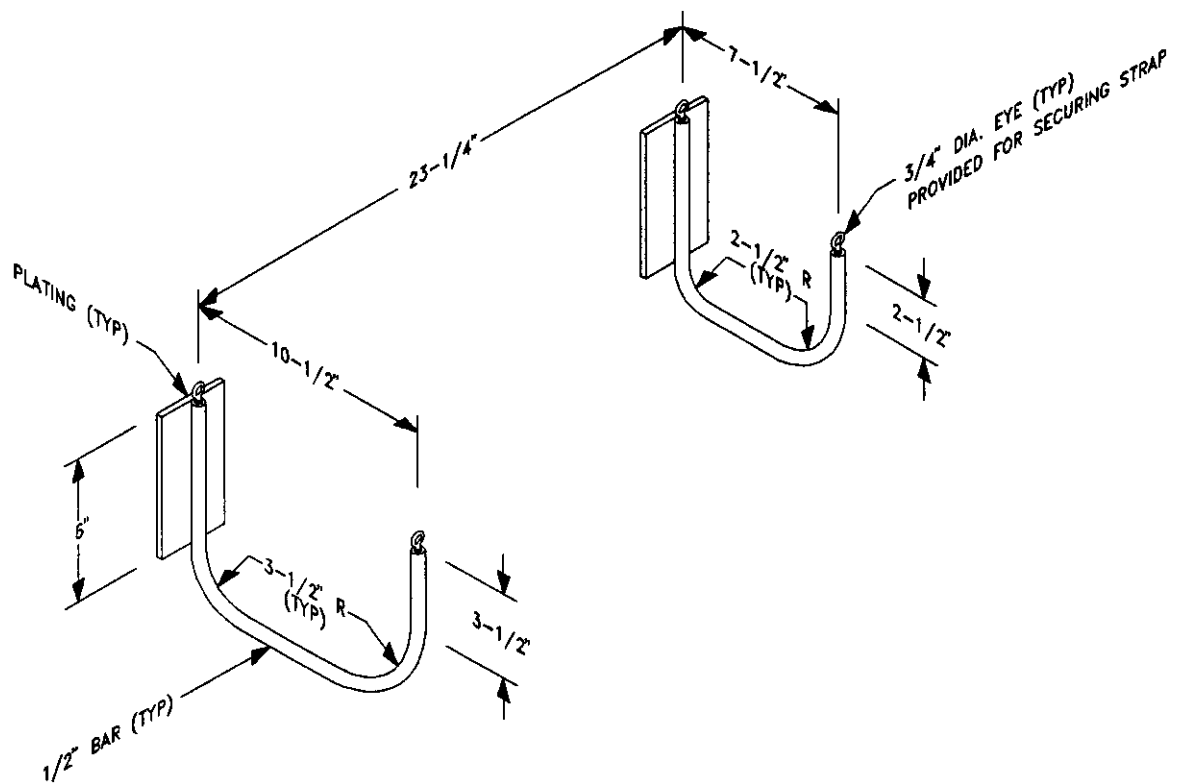
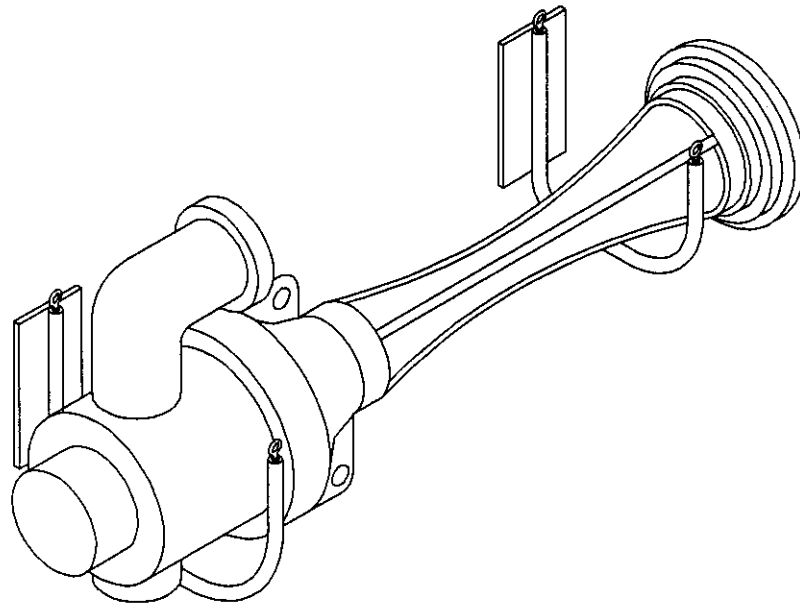


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 022**  
**EDUCTOR, (1-1/2")**  
**VERTICAL STOWAGE BRACKET**

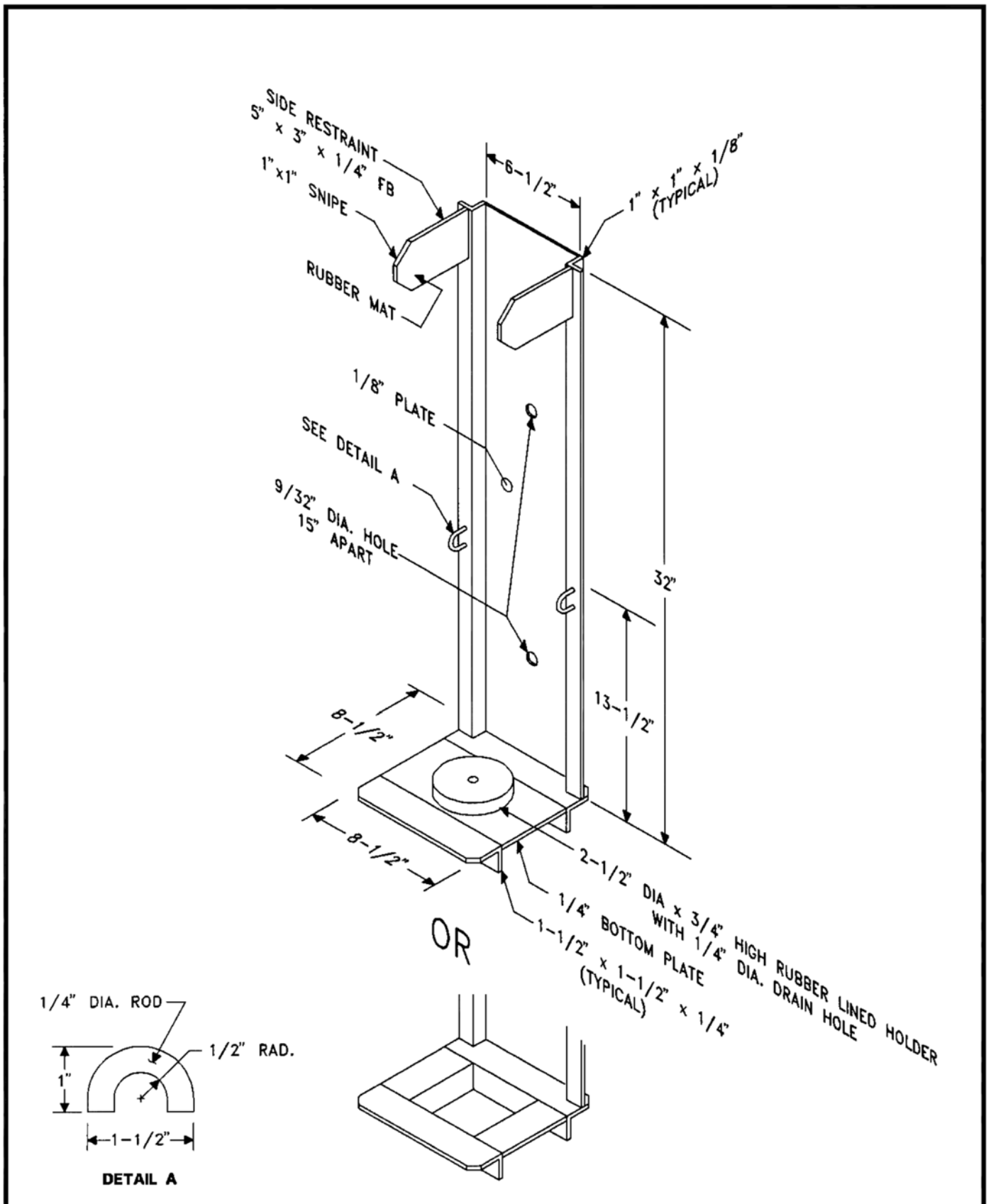


DETAIL A

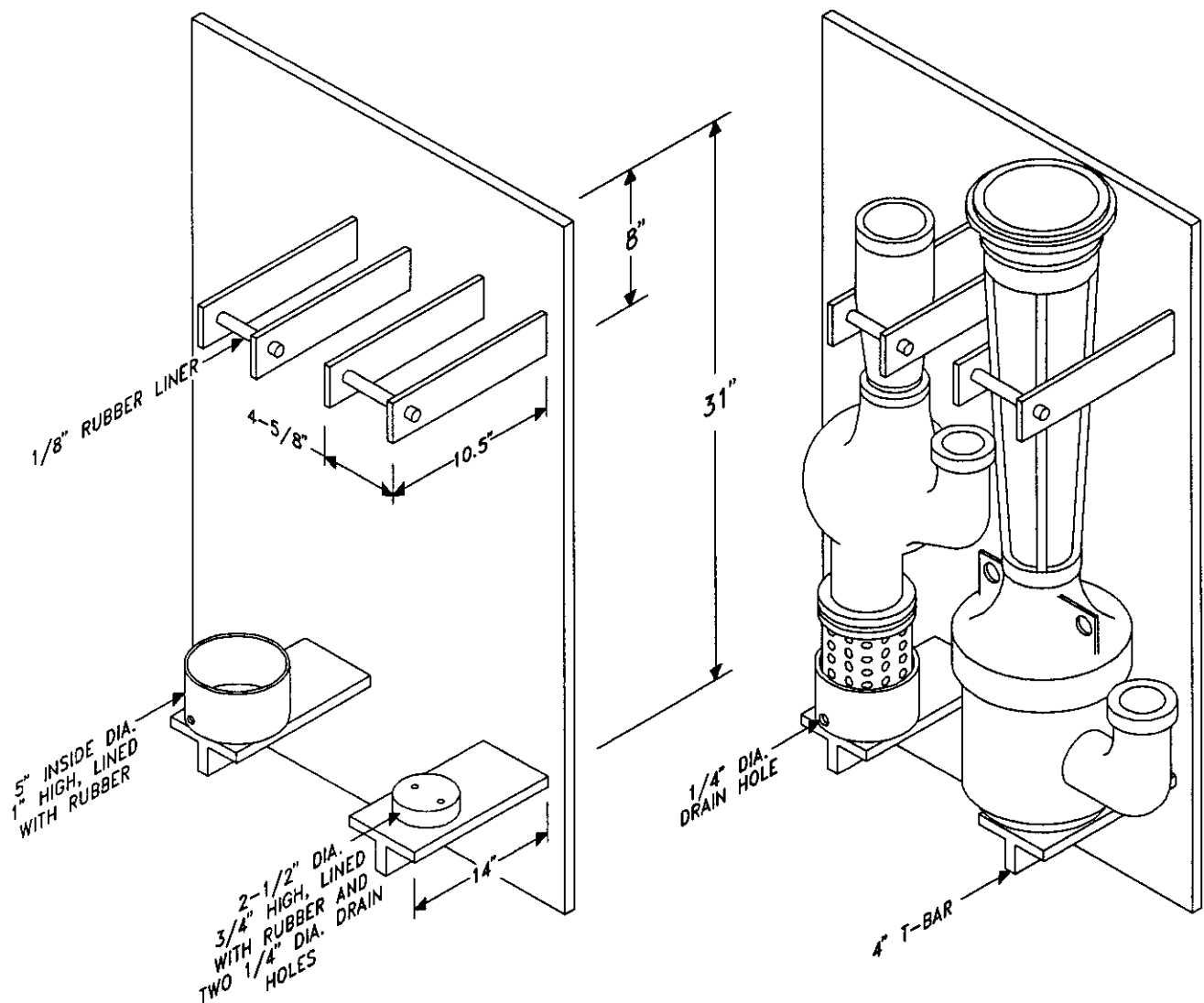
# **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 023** **EDUCTOR, (1-1/2") VERTICAL STOWAGE RACK**



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 024**  
**EDUCTOR, (2-1/2") PERI-JET**  
**HORIZONTAL STOWAGE**



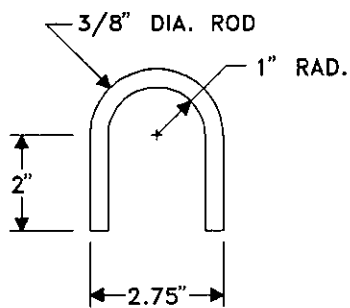
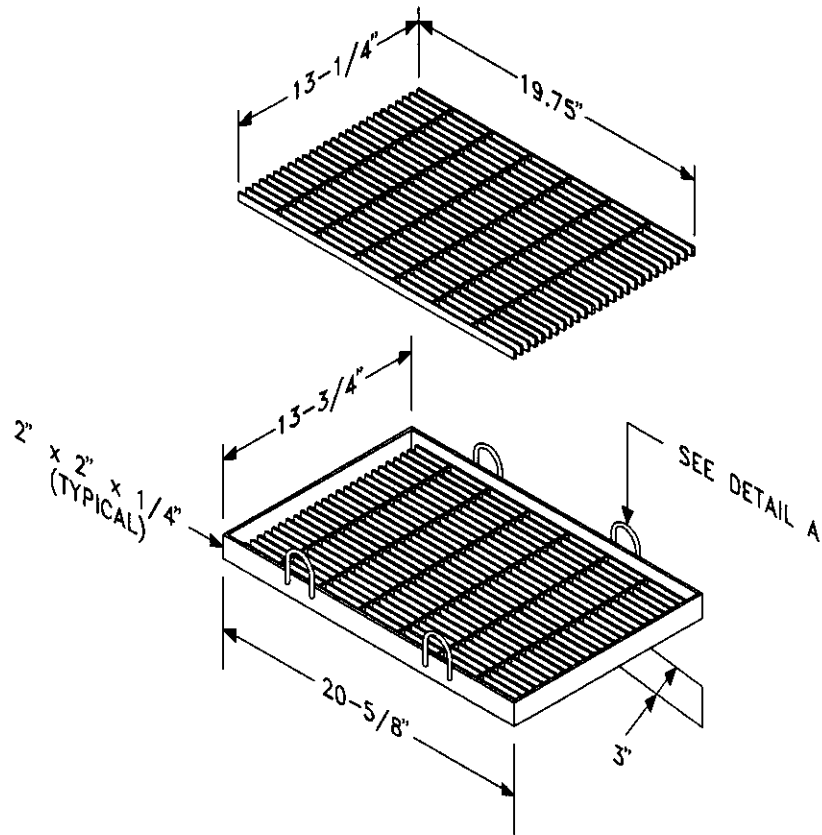
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 025**  
**EDUCTOR, (2-1/2") PERI-JET**  
**VERTICAL STOWAGE RACK**



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 026**  
**EDUCTOR/PERI-JET, (1-1/2" / 2-1/2")**  
**VERTICAL STOWAGE RACK**



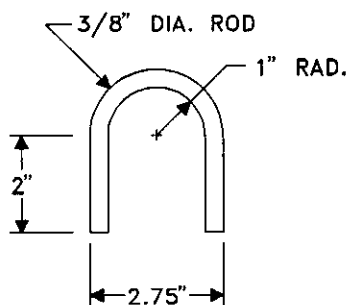
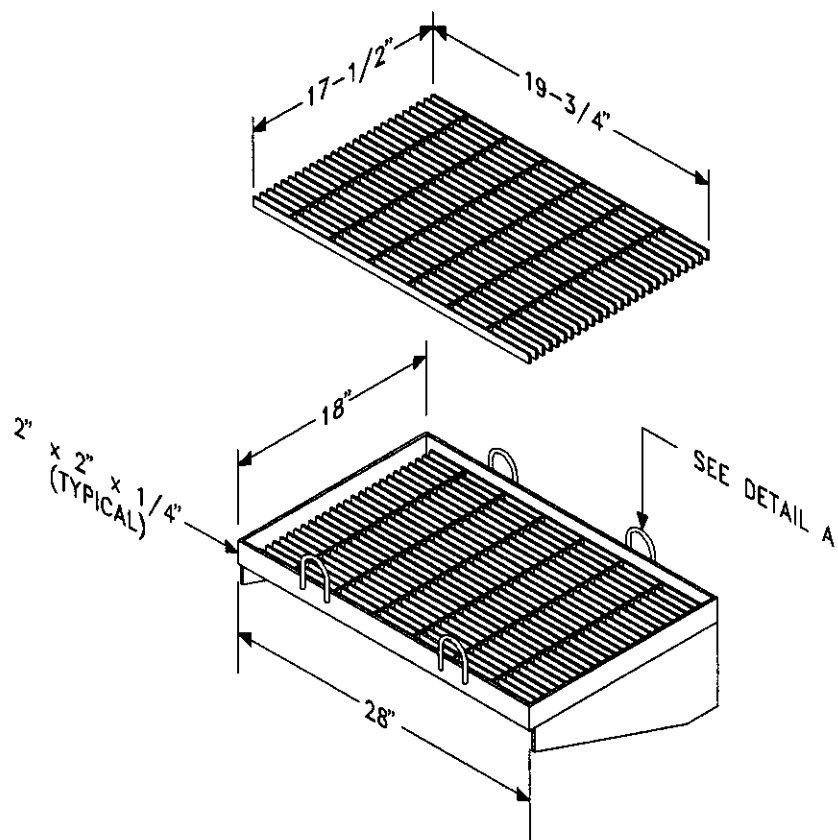
# TUBEAXIAL FAN STOWAGE



DETAIL A

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 027**  
**FAN STOWAGE, (DCRS), TUBEAXIAL**  
**BHD MOUNTED (GRATING)**

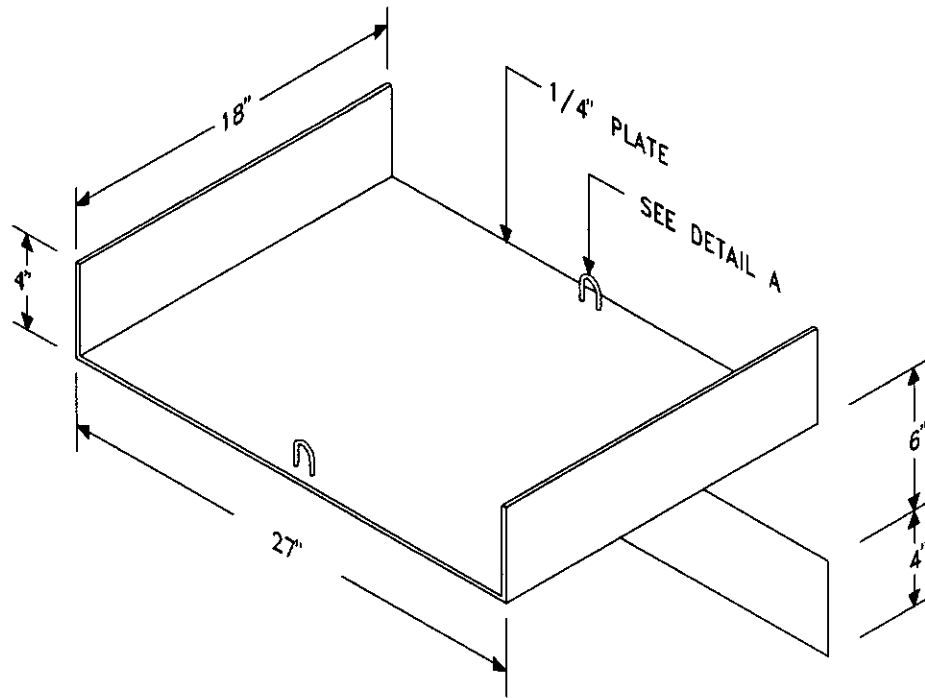
# RED DEVIL FAN STOWAGE



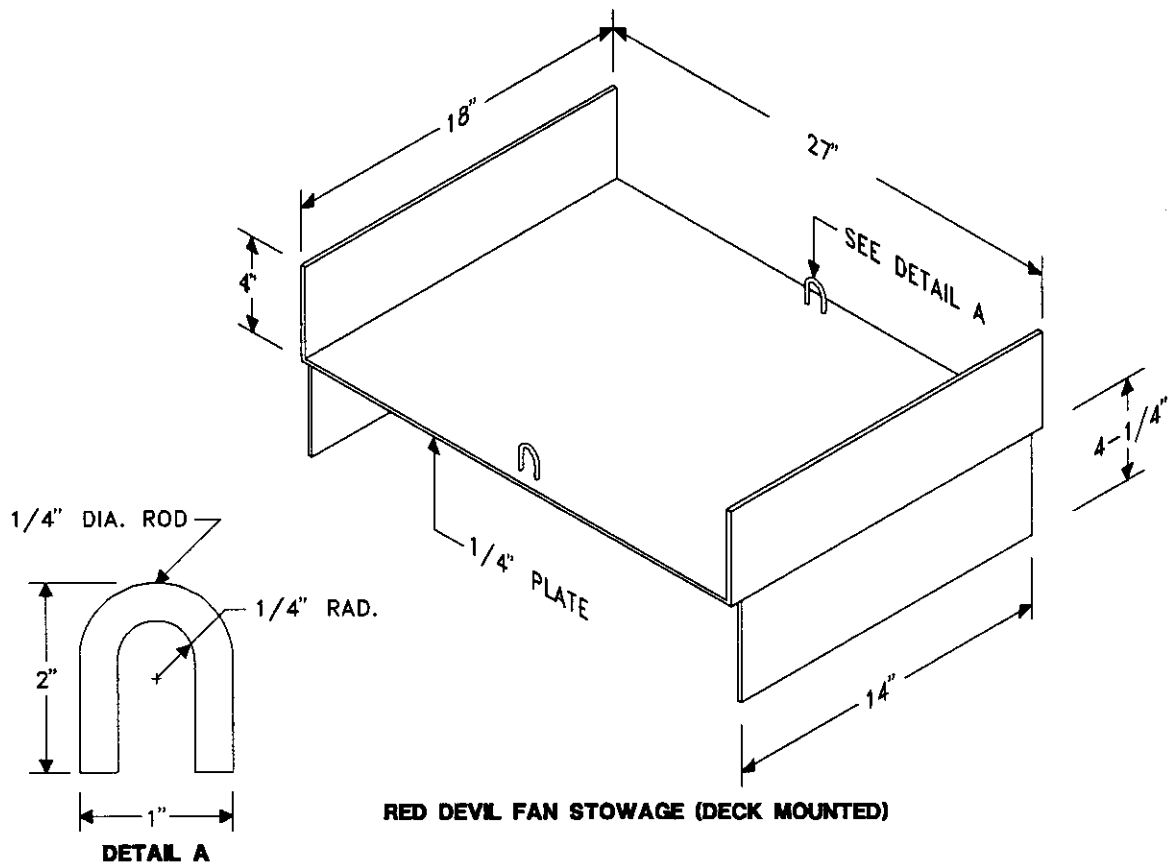
DETAIL A

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 028**

**FAN STOWAGE RED DEVIL  
BHD MOUNTED (GRATING)**



**RED DEVIL FAN STOWAGE (BHD MOUNTED)**

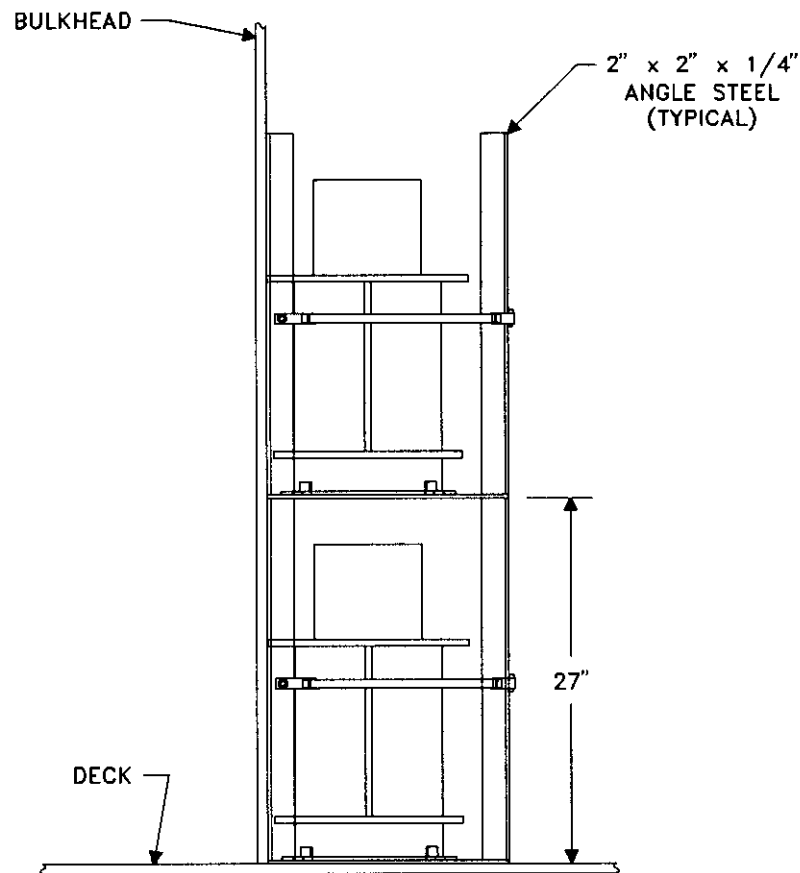
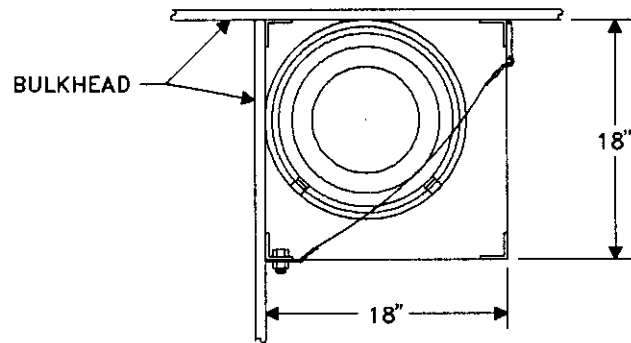


**RED DEVIL FAN STOWAGE (DECK MOUNTED)**

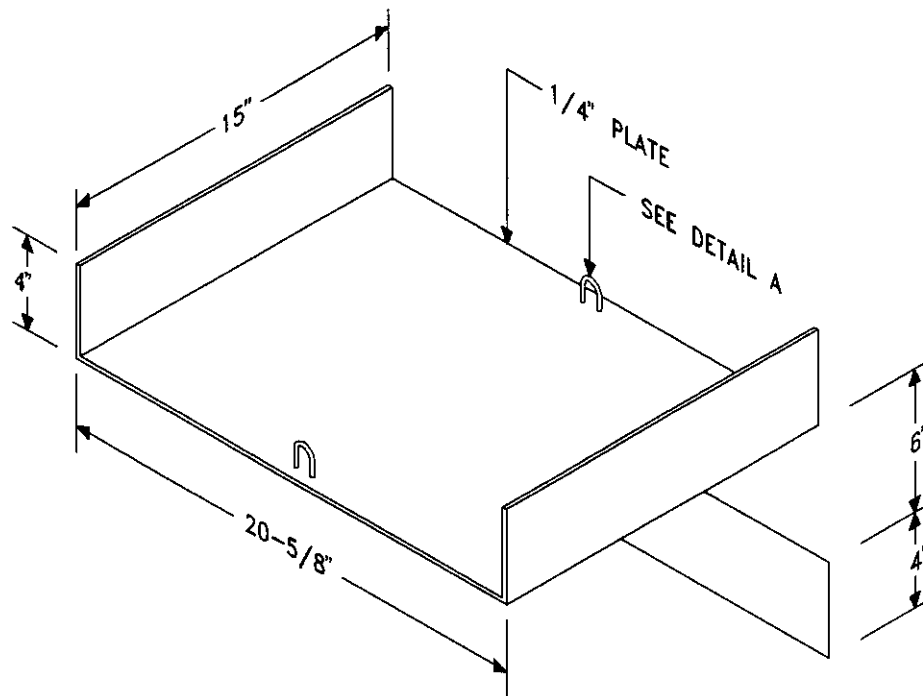
## **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 029**

**FAN STOWAGE RED DEVIL  
BHD/DK MOUNTED (PLATE)**

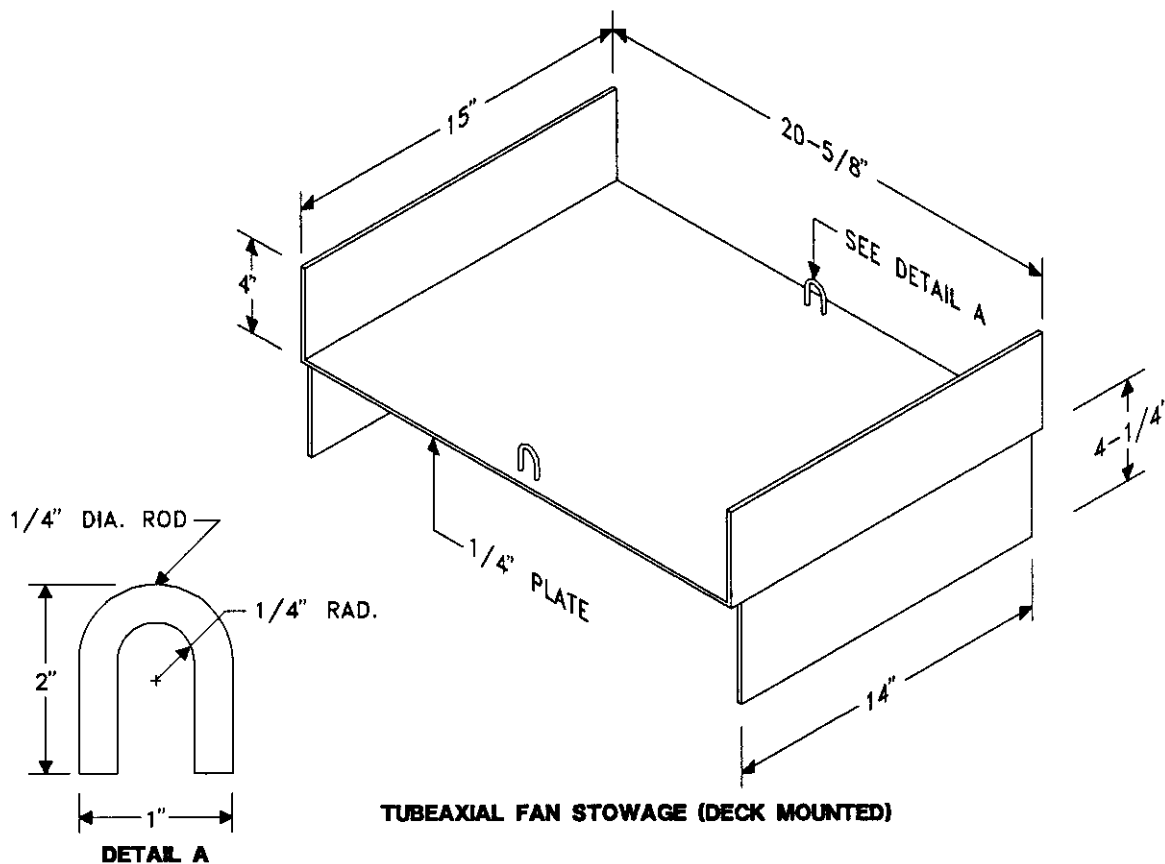
# RED DEVIL FAN STOWAGE



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 030**  
**FAN STOWAGE RED DEVIL**  
**VERTICAL POSITION**



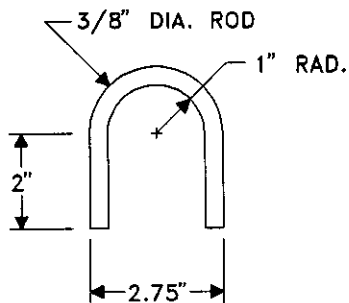
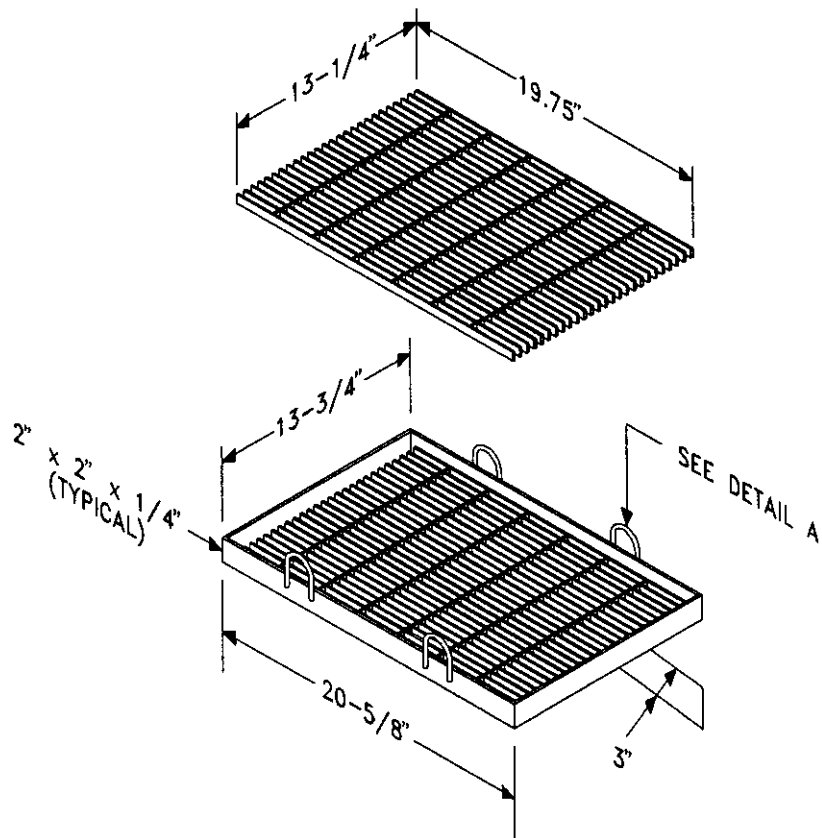
**TUBEAXIAL FAN STOWAGE (BHD MOUNTED)**



**TUBEAXIAL FAN STOWAGE (DECK MOUNTED)**

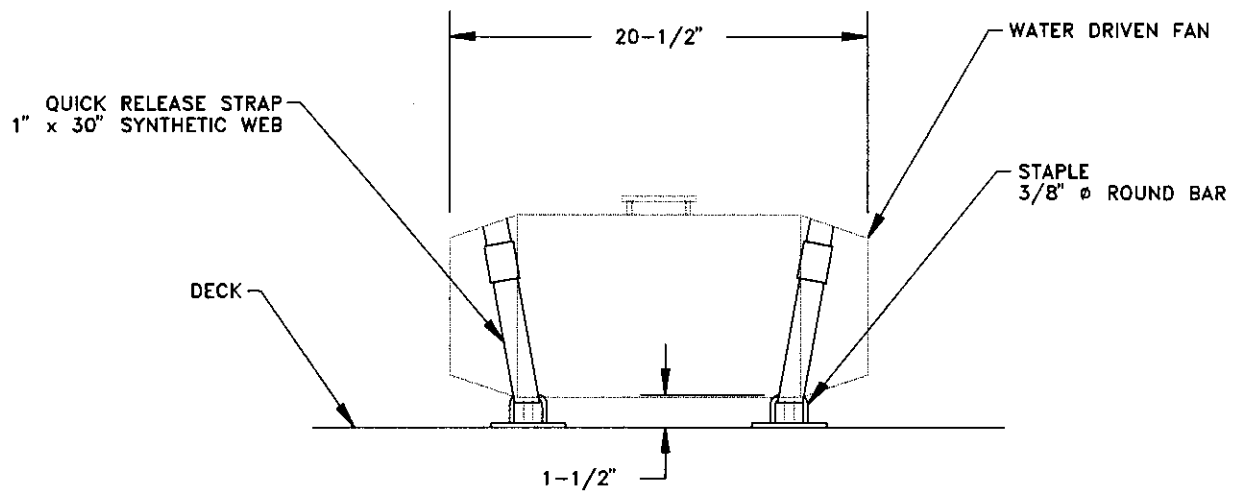
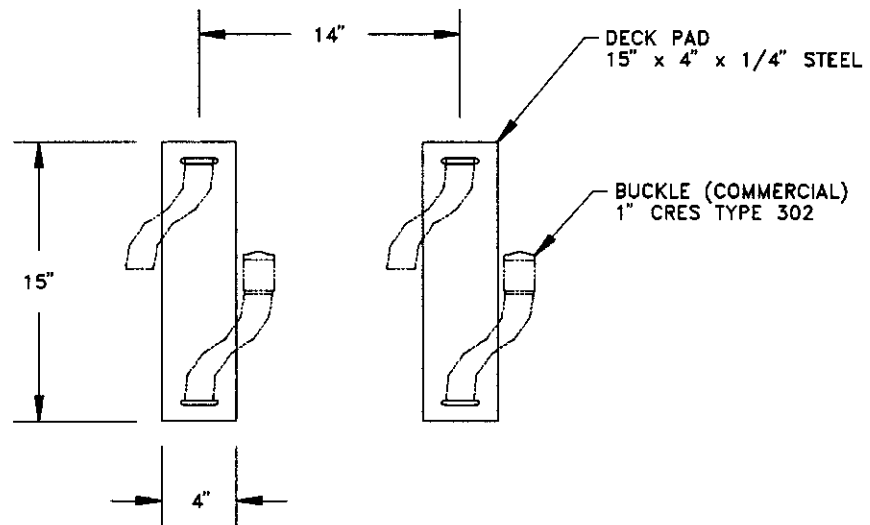
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 031**  
**FAN STOWAGE (PASSAGEWAY) TUBEAXIAL**  
**BHD/DK MOUNTED (PLATE)**

# WATER DRIVEN FAN STOWAGE

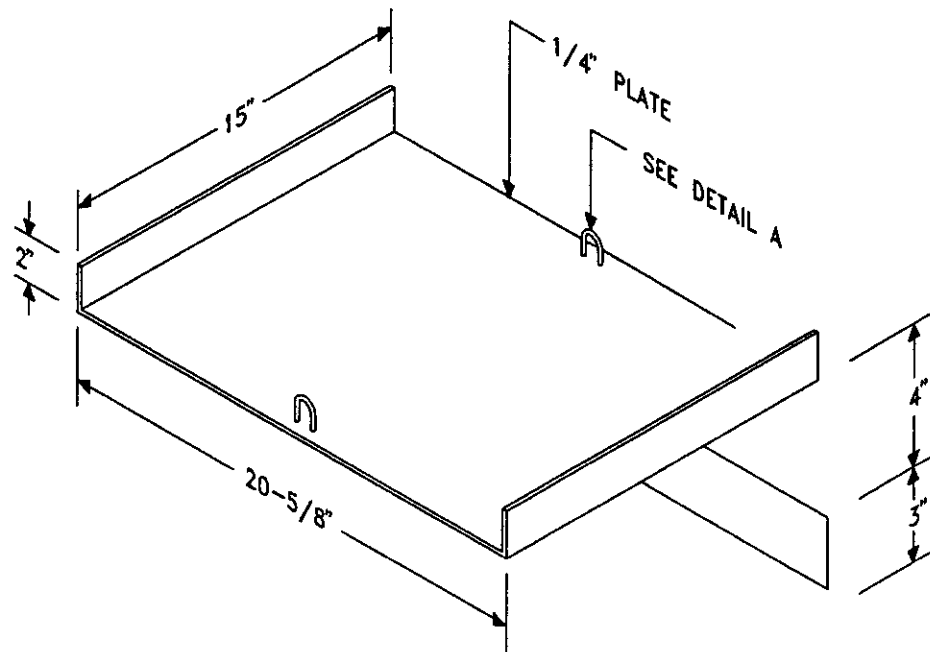


DETAIL A

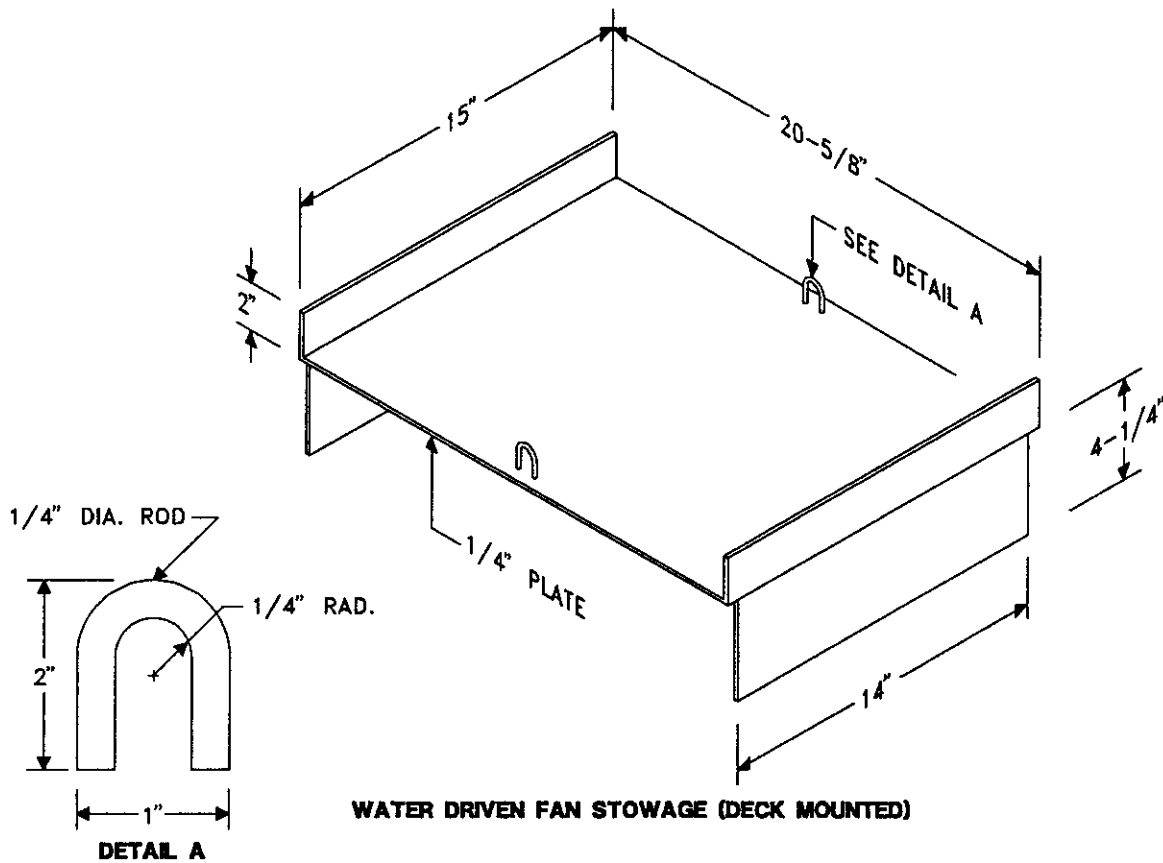
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 032**  
**FAN STOWAGE (DCRS) WATER DRIVEN**  
**BHD MOUNTED (GRATING)**



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 033**  
**FAN STOWAGE, WATER DRIVEN**  
**DECK MOUNTED**



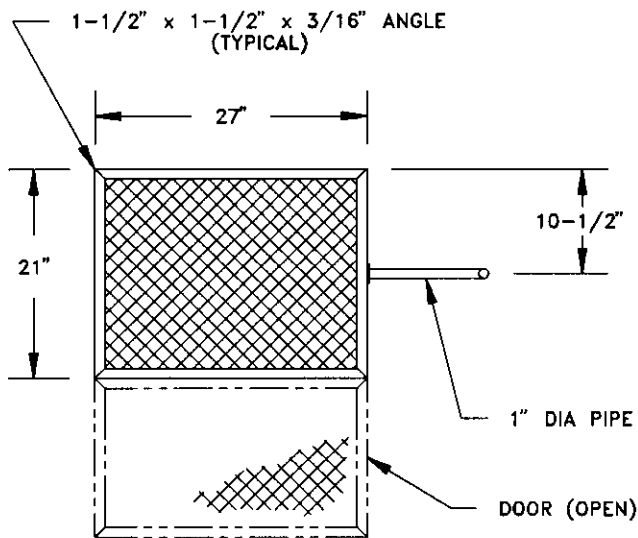
**WATER DRIVEN FAN STOWAGE (BHD MOUNTED)**



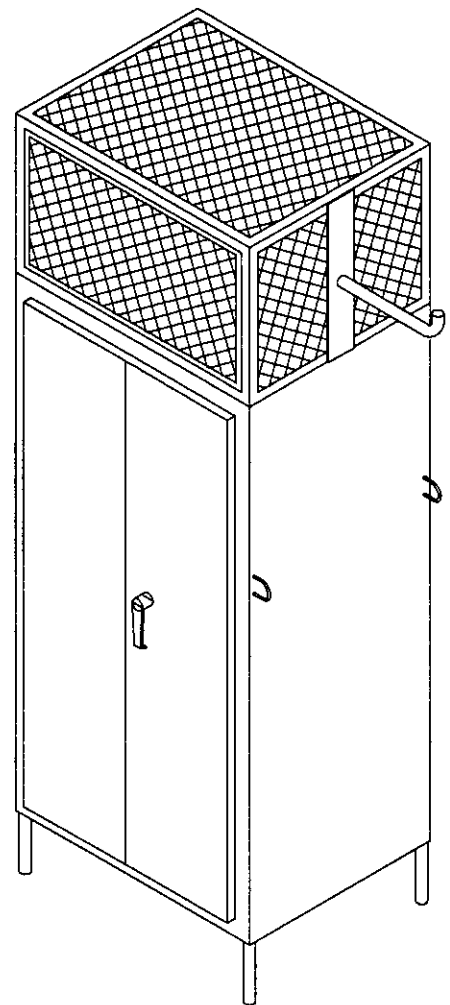
**WATER DRIVEN FAN STOWAGE (DECK MOUNTED)**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 034**  
**FAN STOWAGE WATER DRIVEN**  
**BHD/DK MOUNTED (PLATE)**

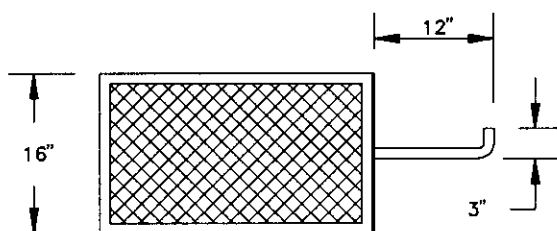




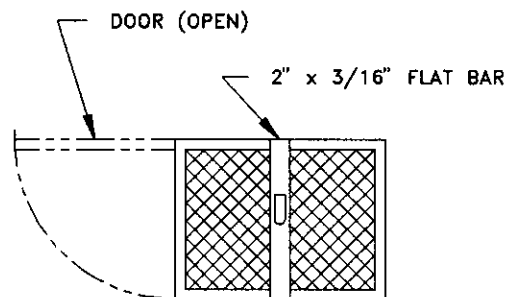
PLAN



ISOMETRIC VIEW

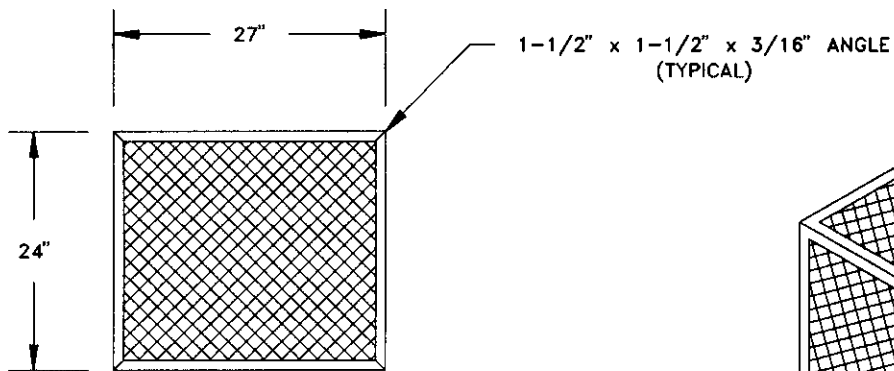


ELEVATION

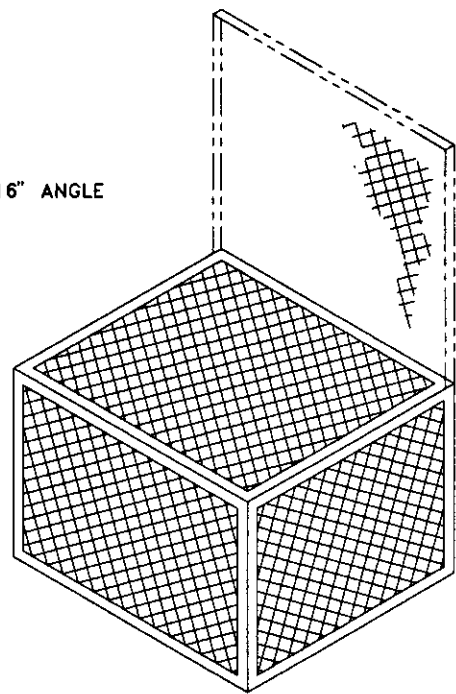


SIDE VIEW

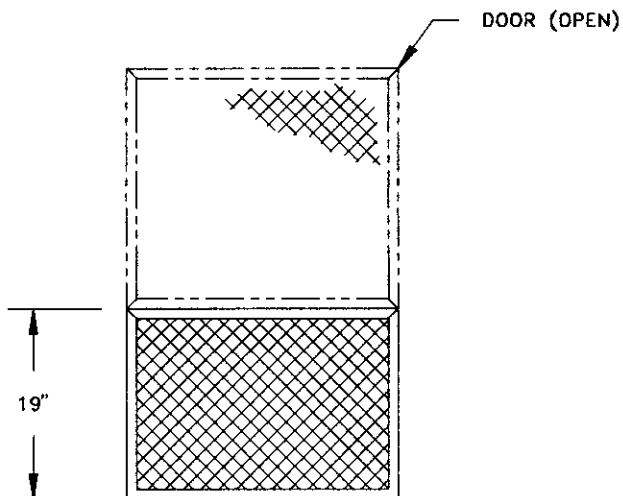
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 035**  
**FIREFIGHTERS' BOOT STORAGE RACK (LOCKER MOUNTED)**  
**VERSION 1**



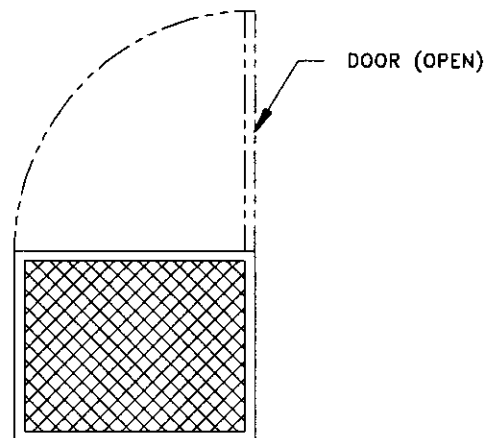
**PLAN**



**ISOMETRIC VIEW**

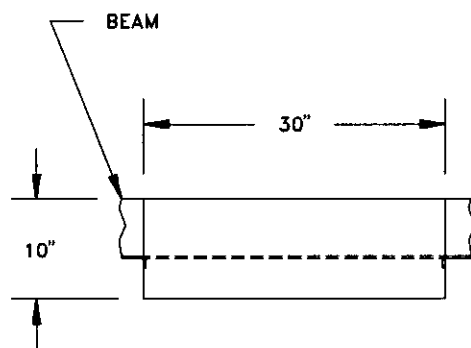


**ELEVATION**

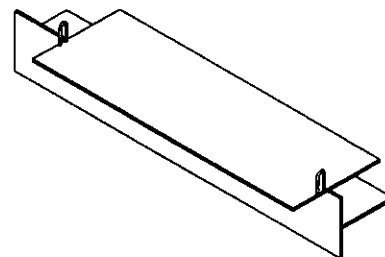


**SIDE VIEW**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 036**  
**FIREFIGHTERS' BOOT STORAGE RACK (DECK MOUNTED)**  
**VERSION 2**

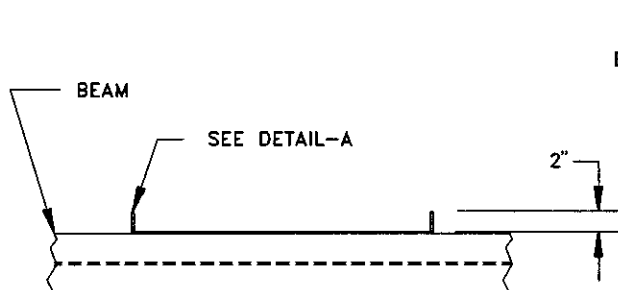


**PLAN**

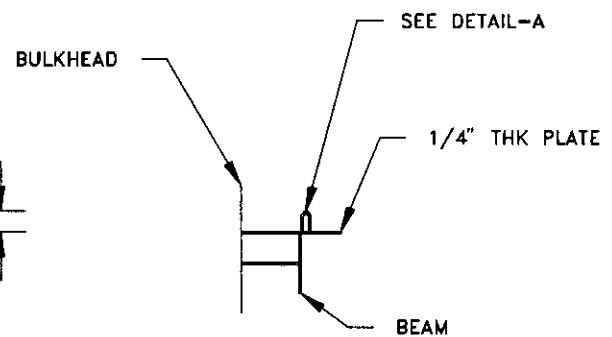


BUNGI CORD & BOOTS  
NOT SHOWN FOR CLARITY.

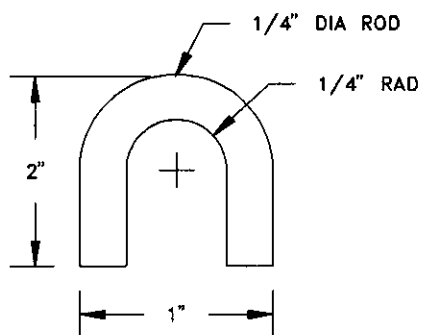
**ISOMETRIC VIEW**



**ELEVATION**



**SIDE VIEW**



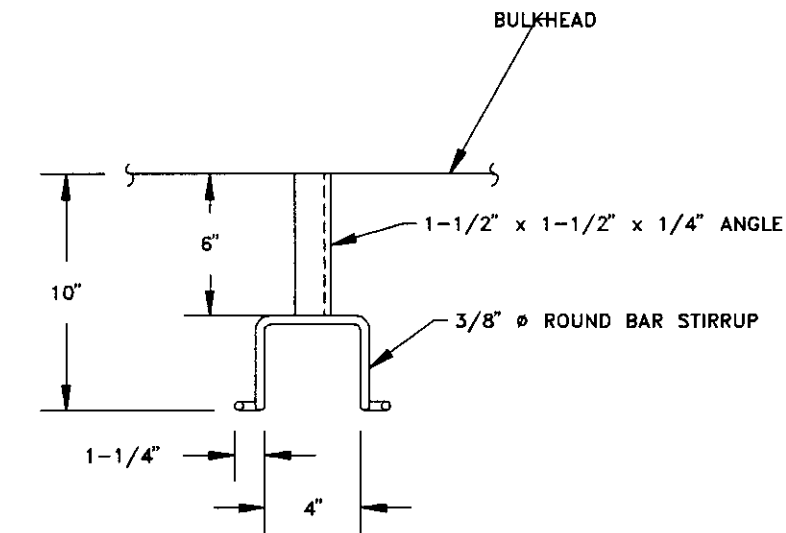
**DETAIL A**

**NOTES:**

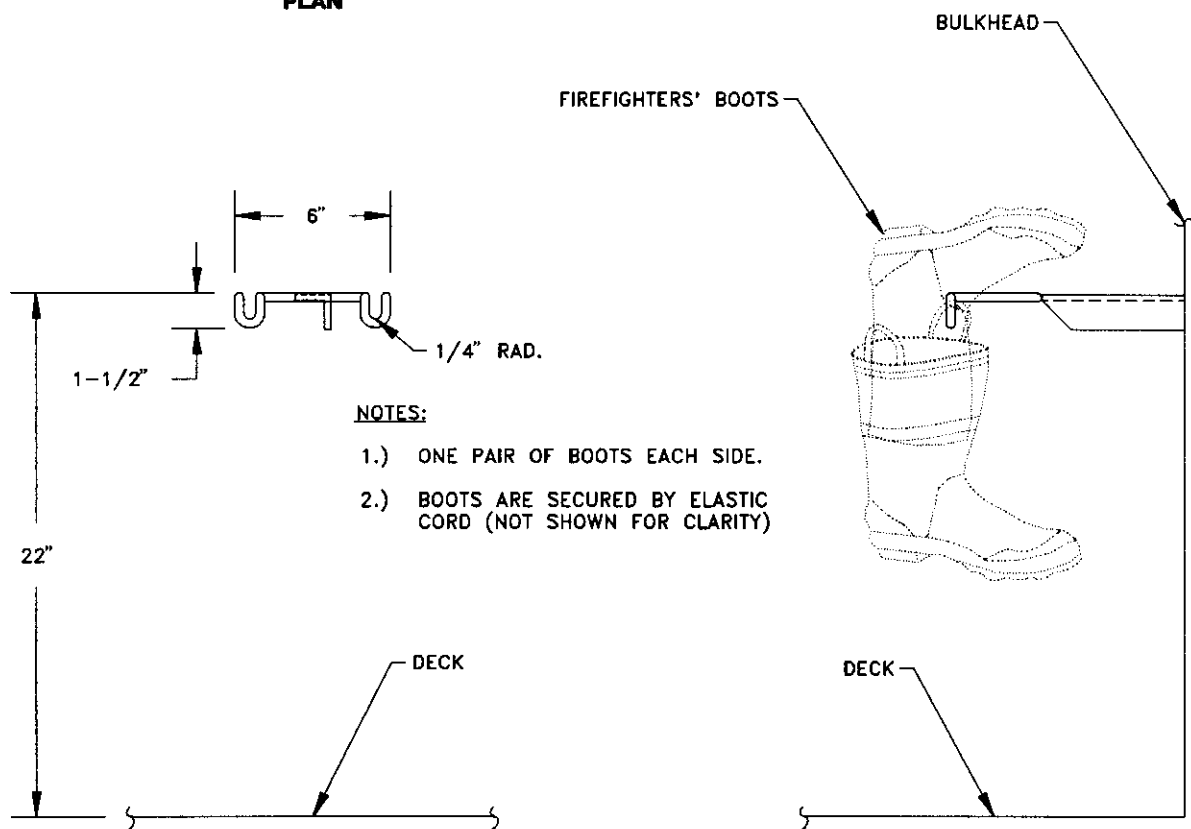
1. WELD PLATE TO BEAM.
2. LENGTH/BOOT STOWAGE RATIO:
 

10 INCHES	= 1 PAIR
20 INCHES	= 2 PAIRS
30 INCHES	= 3 PAIRS
40 INCHES	= 4 PAIRS
50 INCHES	= 5 PAIRS
60 INCHES	= 6 PAIRS (MAX)

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 037**  
**FIREFIGHTERS' BOOT STOWAGE RACK (BEAM MOUNTED)**  
**VERSION 3**



**PLAN**



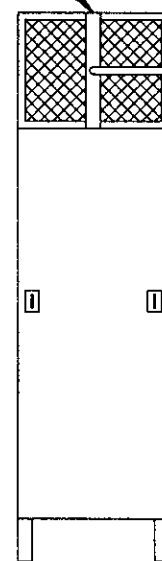
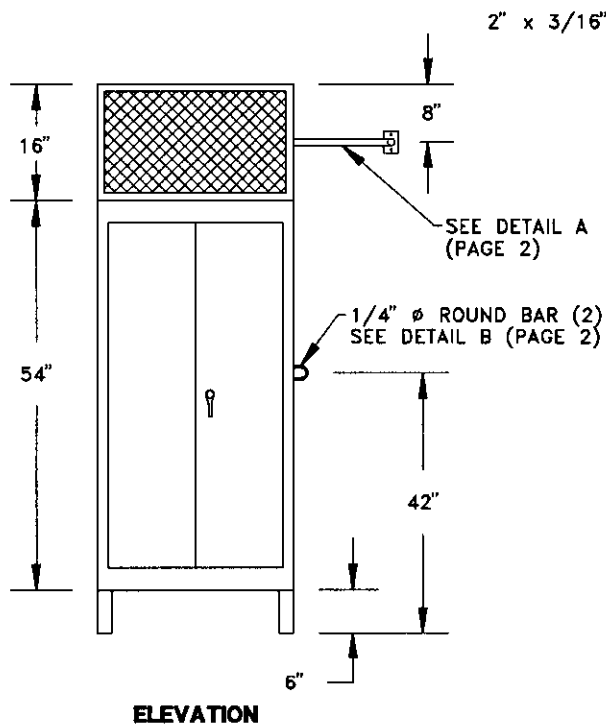
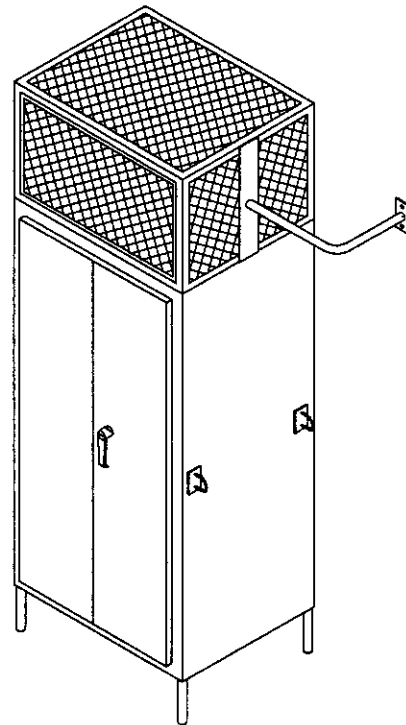
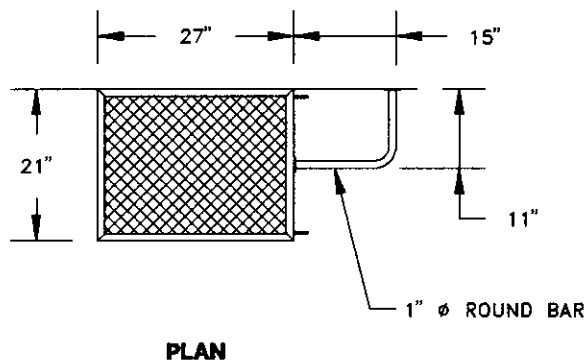
**NOTES:**

- 1.) ONE PAIR OF BOOTS EACH SIDE.
- 2.) BOOTS ARE SECURED BY ELASTIC CORD (NOT SHOWN FOR CLARITY)

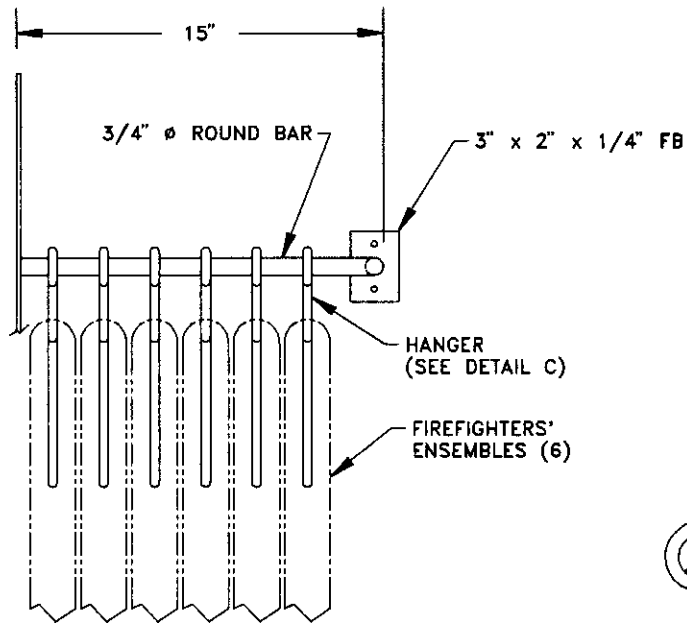
**ELEVATION**

**SIDE VIEW**

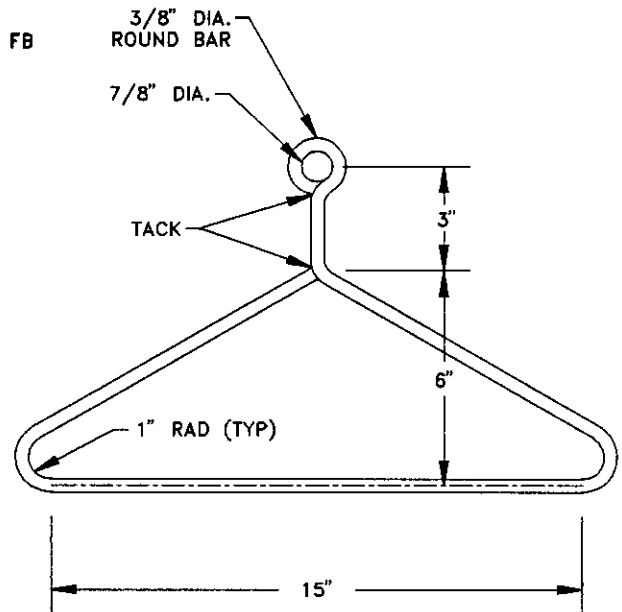
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 038**  
**FIREFIGHTERS' BOOT STOWAGE (BHD MOUNTED)**  
**VERSION 4**



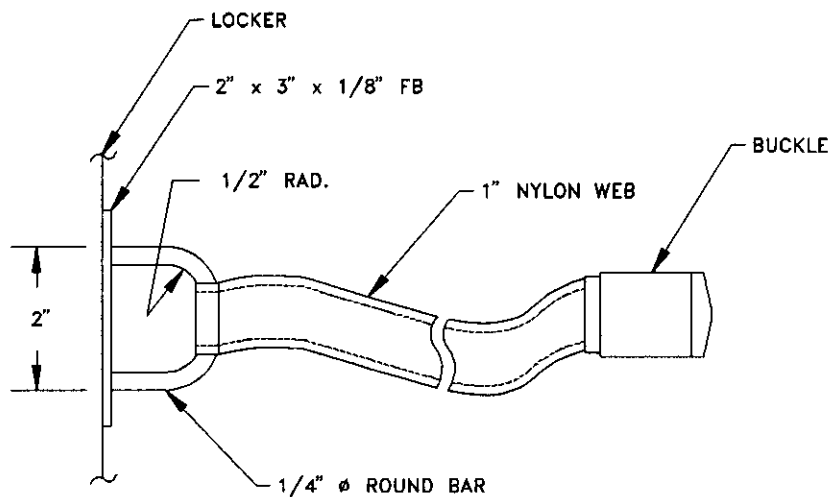
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 039**  
**FIREFIGHTERS' ENSEMBLE STOWAGE (HANGER BAR)**  
**VERSION 1 (PAGE 1 OF 2)**



**DETAIL A**

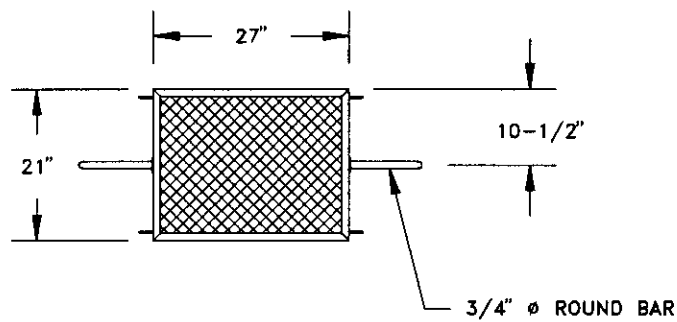


**DETAIL C**

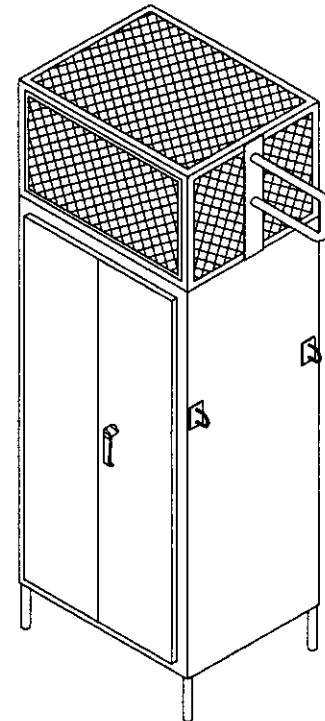


**DETAIL B**

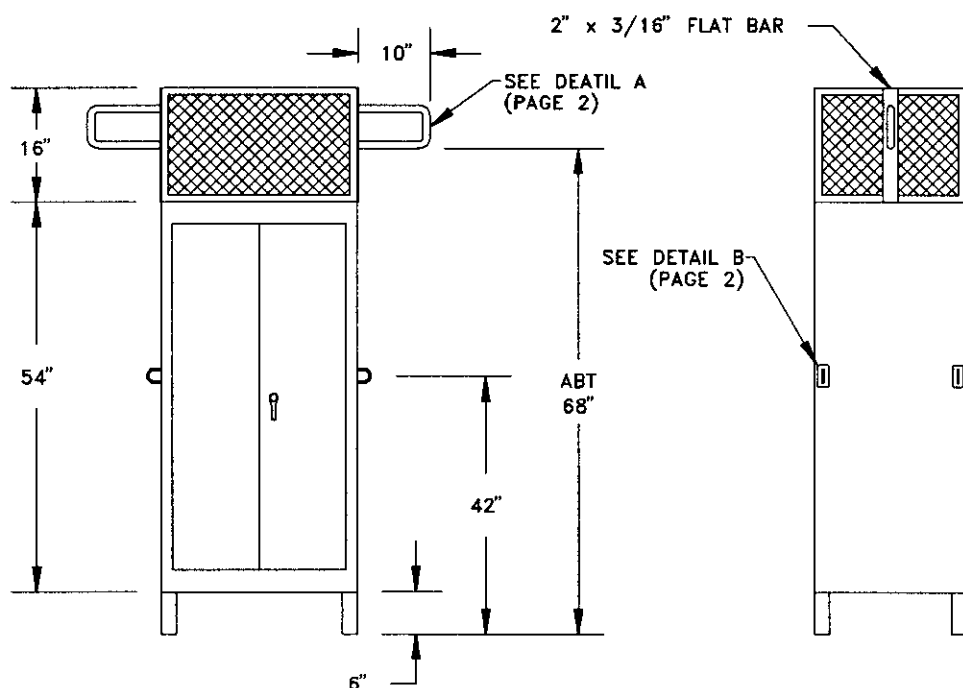
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 039**  
**FIREFIGHTERS' ENSEMBLE STOWAGE (HANGER BAR)**  
**VERSION 1 (PAGE 2 OF 2)**



PLAN



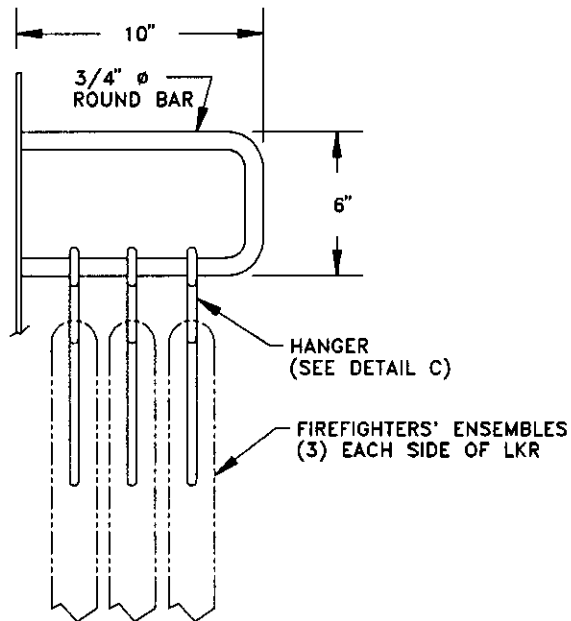
ISOMETRIC VIEW



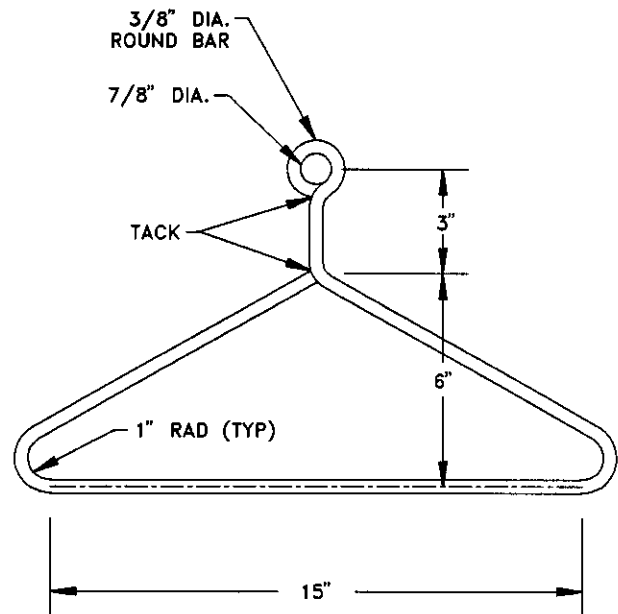
ELEVATION

SIDE VIEW

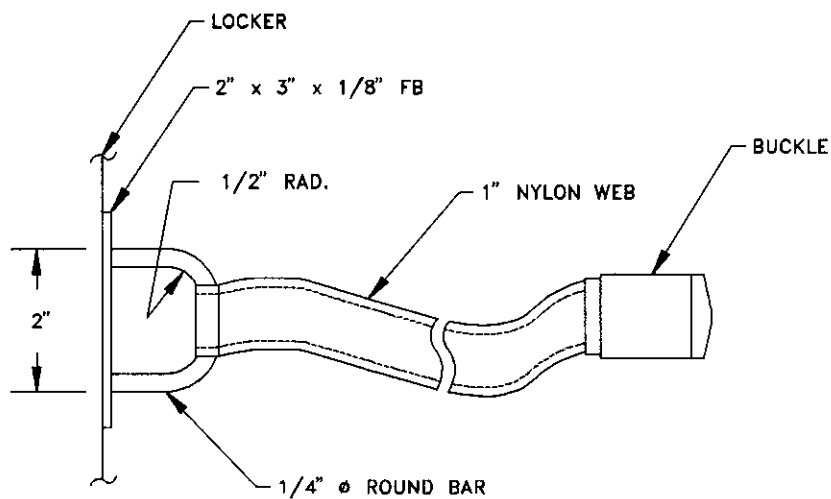
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 040**  
**FIREFIGHTERS' ENSEMBLE STOWAGE (HOOK)**  
**VERSION 2 (PAGE 1 OF 2)**



DETAIL A



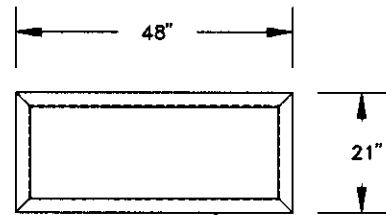
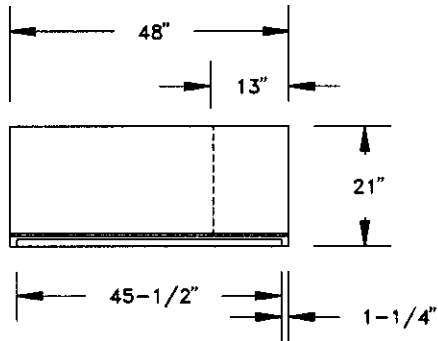
DETAIL C



DETAIL B

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 040**  
**FIREFIGHTERS' ENSEMBLE STOWAGE (HOOK)**  
**VERSION 2 (PAGE 2 OF 2)**

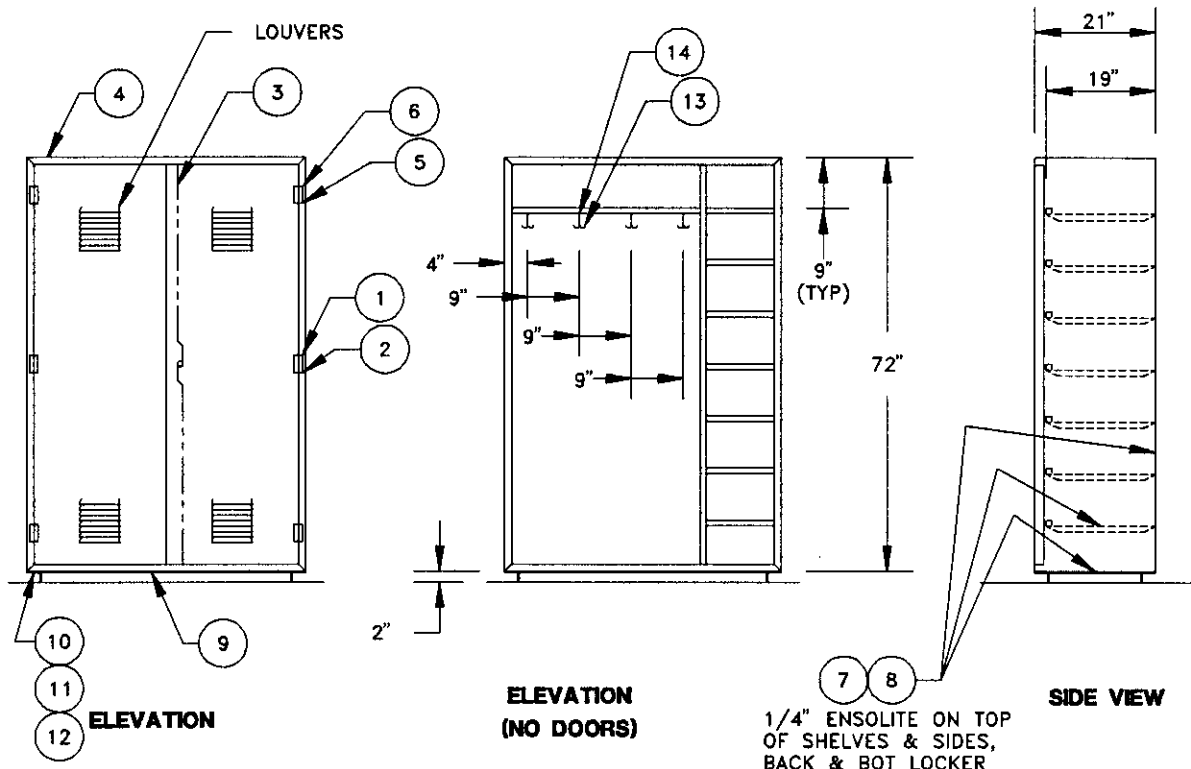




**PLAN (SUB-BASE)**

9 SUB-BASE  
2-1/2" x 2" x 3/16"  
ANGLE

**PLAN**

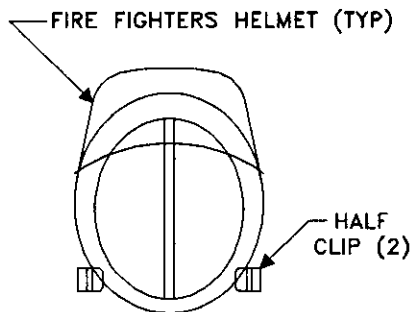


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 041**  
**FIREFIGHTERS' ENSEMBLE COVERALL STOWAGE LOCKER**  
**VERSION 3 (PAGE 1 OF 2)**

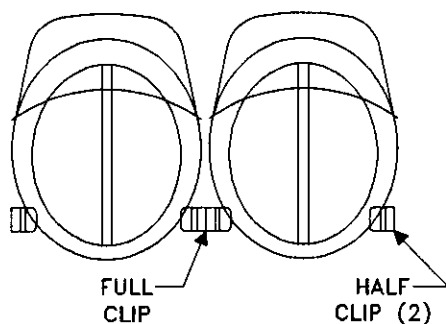
	ASSY	LIST OF MATERIAL			
QTY	PART NO.	NAME	MATERIAL	REFERENCES	REMARKS
6	1	HINGE, 2" x 1-5/8"	STL CAD PLTD	NN STOCK 17-15-302	
6	2	ANTI-RATTLER	RUBBER PURE GUM		
1	3	LOCKING DEVICE	SEE DET DWG	ASSY64, REF 6	
1	4	LOCKER	SEE DET DWG	REF 5	
36	5	HUCK RIVET SELF PLUGGING BLIND NO. P-6-D	ALUMINUM		
12	6	HUCK COMMERCIAL LOCK BOLT NO. CLPB F6-2	ALUMINUM		
AS REQ'D	7	1/4" ENSOLITE	TY III RUBBER		MIL-P-15280
AS REQ'D	8	BONDING AGENT	CEMENT		MIL-A-24179
12LF	9	ANGLE, BASE, 2-1/2" x 2" x 3/16"	MED STL		
24	10	BOLT, 1/4"-20UNC 2A	STL (ZINC COAT)		L-3/4"
24	11	NUT, HEX 1/4"-20UNC 2B	STL (ZINC COAT)		TACK WELD TO PT # 9 IN SHOP
24	12	WASHER, LOCK, 1/4"	STL (ZINC COAT)		
4	13	HOOK, COAT CEILING MOUNTED	COM'L STL	BLAINE WINDOW INC. PT # 6212	OR EQUAL
8	14	RIVET, AVEX 3/16" DIA.	COM'L AL		OR EQUAL

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 041**  
**FIREFIGHTERS' ENSEMBLE COVERALL STOWAGE LOCKER**  
**VERSION 3 (PAGE 2 OF 2)**

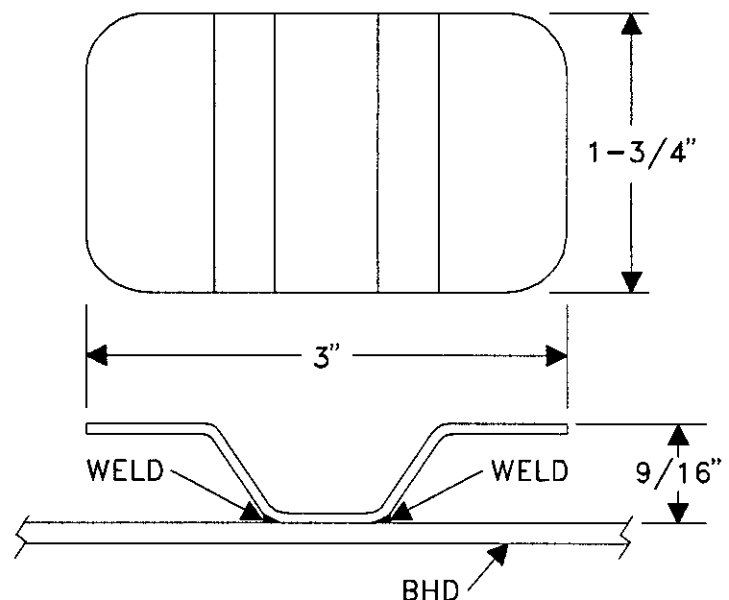
BUTTERFLY CLIP USED FOR STOWAGE  
OF FIRE FIGHTERS HELMET - MATERIAL  
TO BE CRES/CARBON STEEL 1/4 LB  
PLATE - DEBURR ALL EDGES.



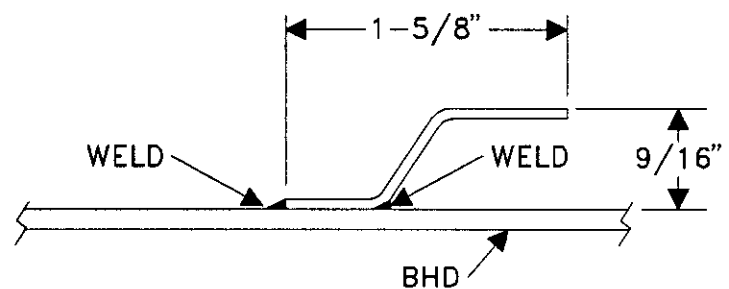
INSTALLATION  
MOUNTING SINGLE HELMET



INSTALLTION MOUNTING  
HELMETS SIDE BY SIDE



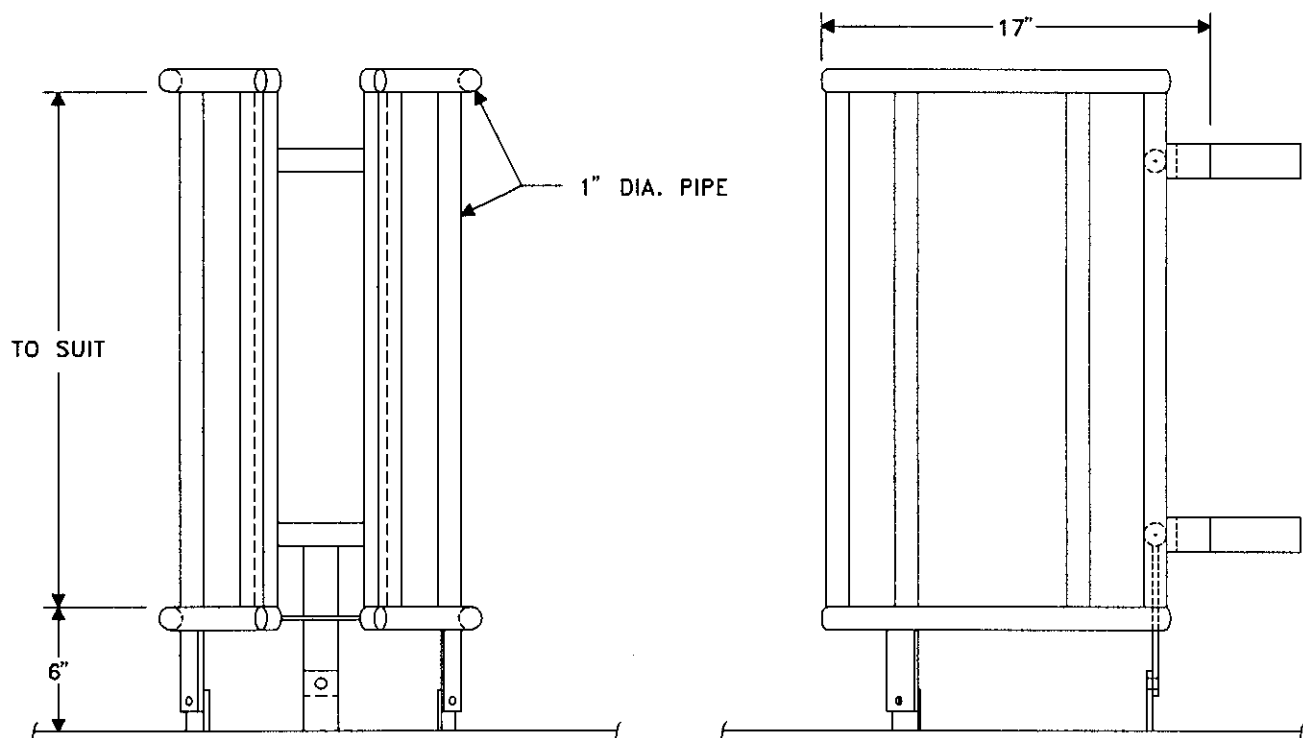
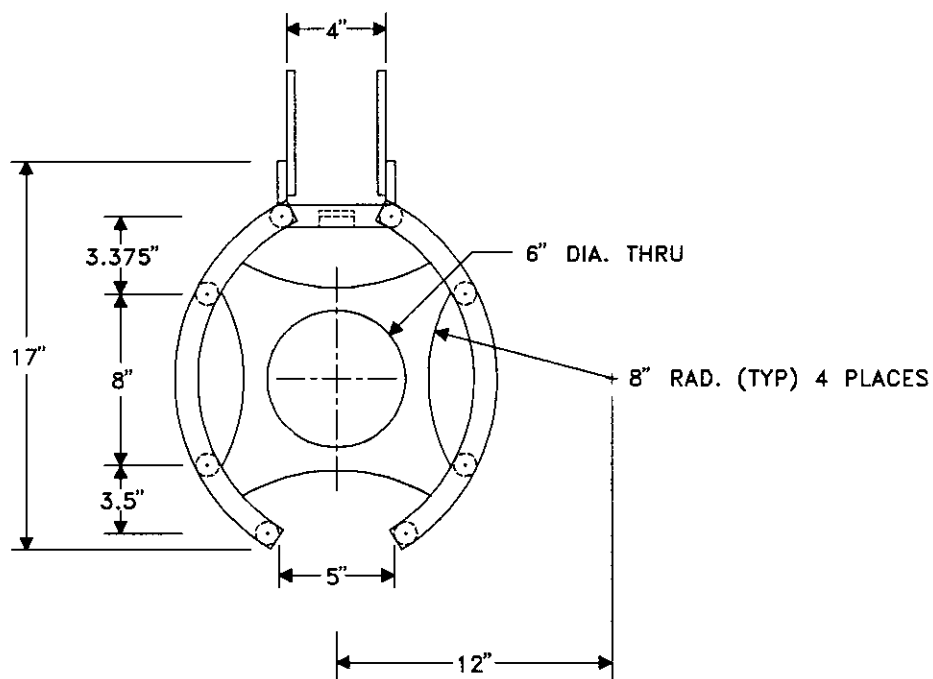
BUTTERFLY CLIP - FULL



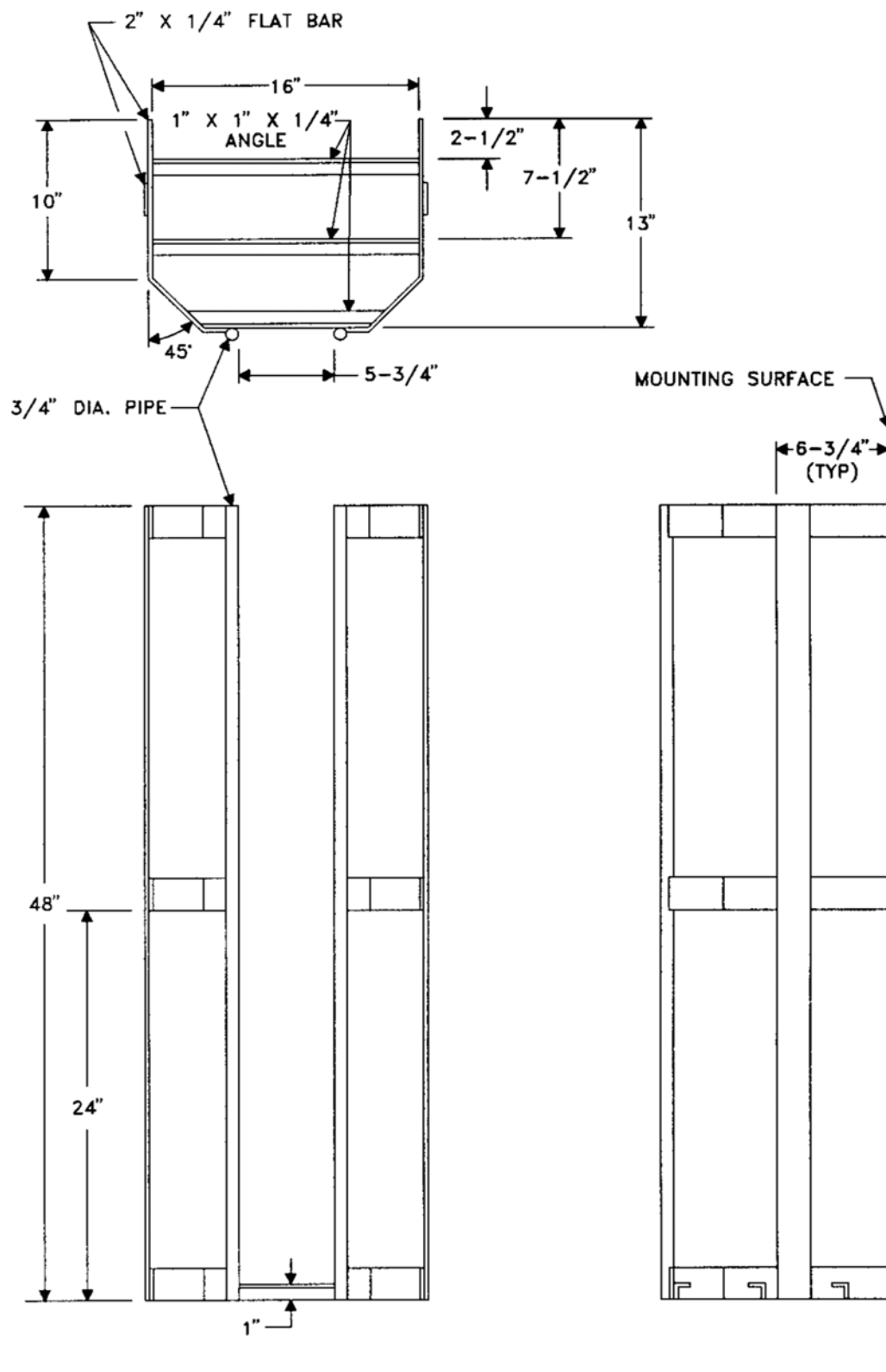
BUTTERFLY CLIP - HALF

- NOTE: 1. CUT CLIP IN HALF FOR SINGLE HELMET MOUNTING, USE  
FULL CLIP WHEN MOUNTING HELMETS SIDE BY SIDE.
2. USE HELMET AS MODEL FOR DISTANCE WHEN INSTALLING CLIPS.

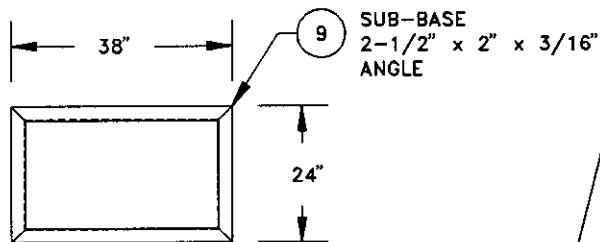
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 042**  
**FIREFIGHTERS' HELMET STOWAGE**  
**(BUTTERFLY CLIP)**



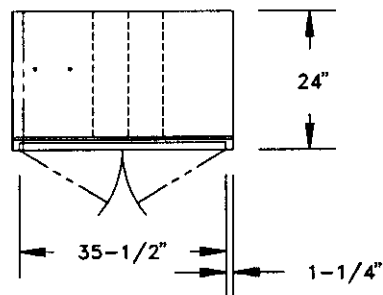
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 043**  
**FIREFIGHTERS' HELMET STOWAGE RACK**  
**VERSION 1**



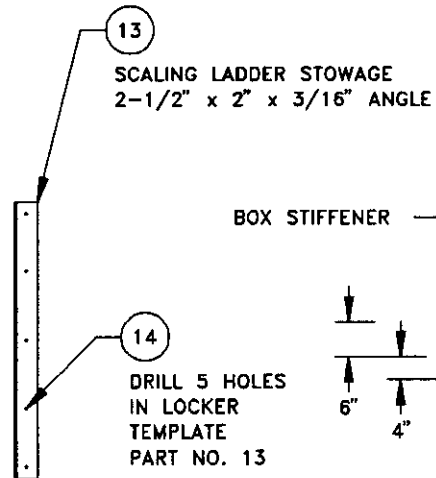
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 044**  
**FIREFIGHTERS' HELMET STOWAGE RACK**  
**VERSION 2 (LIGHT WEIGHT)**



PLAN (SUB-BASE)

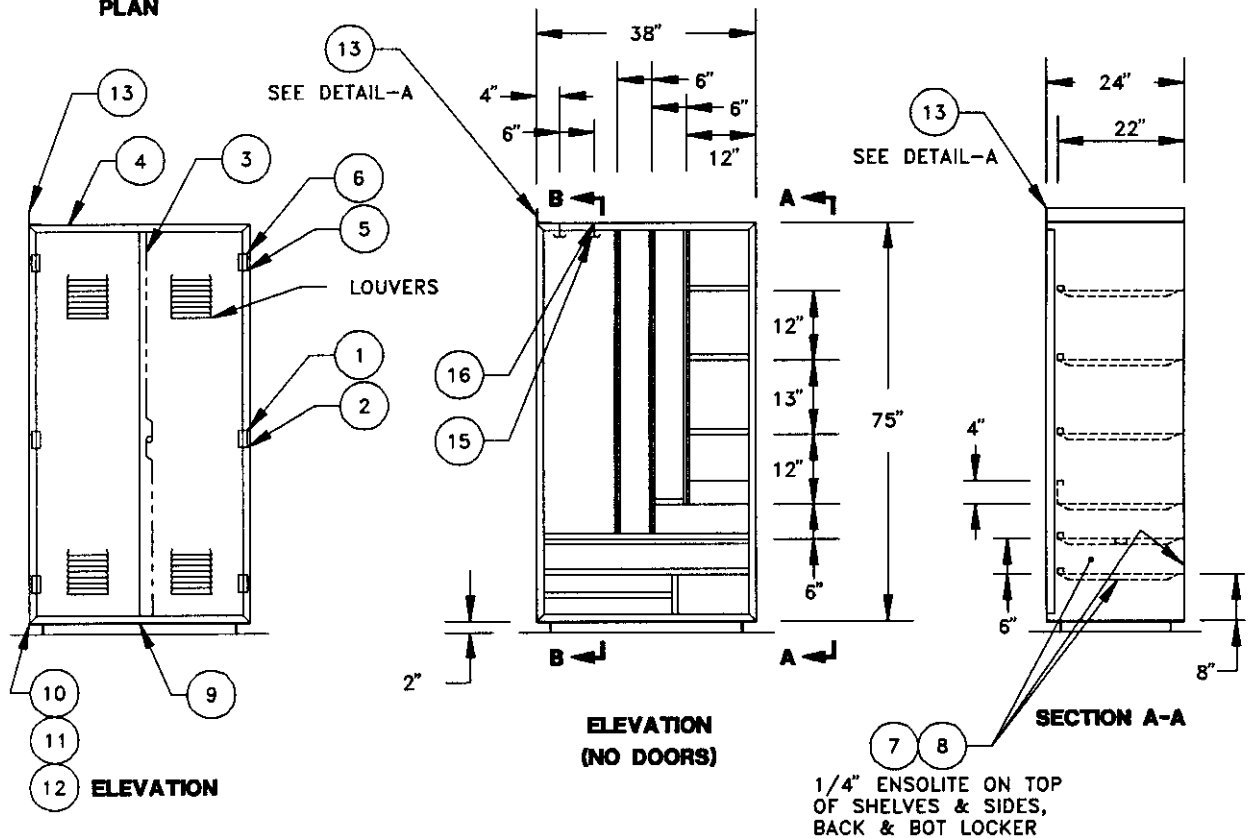


PLAN



DETAIL-A  
(ENLARGED)

SECTION B-B



# **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 045** **FIREFIGHTING EQUIPMENT & PROXIMITY SUIT STOWAGE LOCKER** **PAGE 1 OF 3**

PROXIMITY SUITS (2)	4 FT APPLICATOR (2)	IN-LINE EDUCTOR (2)	KIT BAG
			KIT BAG
			PROXIMITY SUIT HELMET (2)
			BIN FOR VARIOUS NOZZLES
	24" BOLT CUTTER		
#12 HAMMER / PICK AXE / 36" PINCH			
1-1/2" x 50' FIRE HOSE		1-1/2" x 50' FIRE HOSE	
1-1/2" x 50' FIRE HOSE			

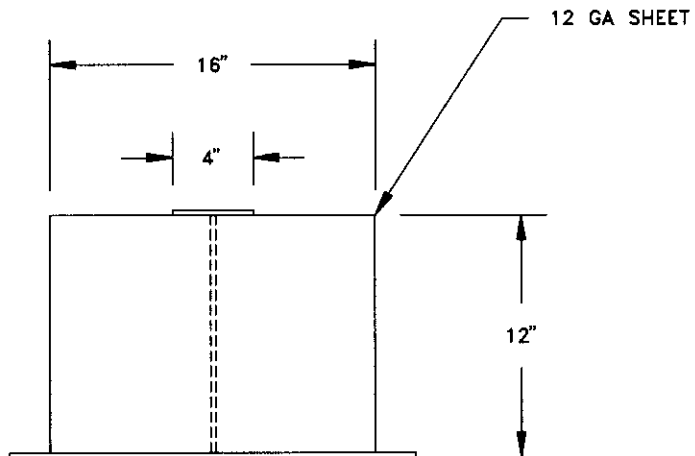
**STOWAGE GUIDANCE PLAN**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 045**  
**FIREFIGHTING EQUIPMENT & PROXIMITY SUIT STOWAGE LOCKER**  
**PAGE 2 OF 3**

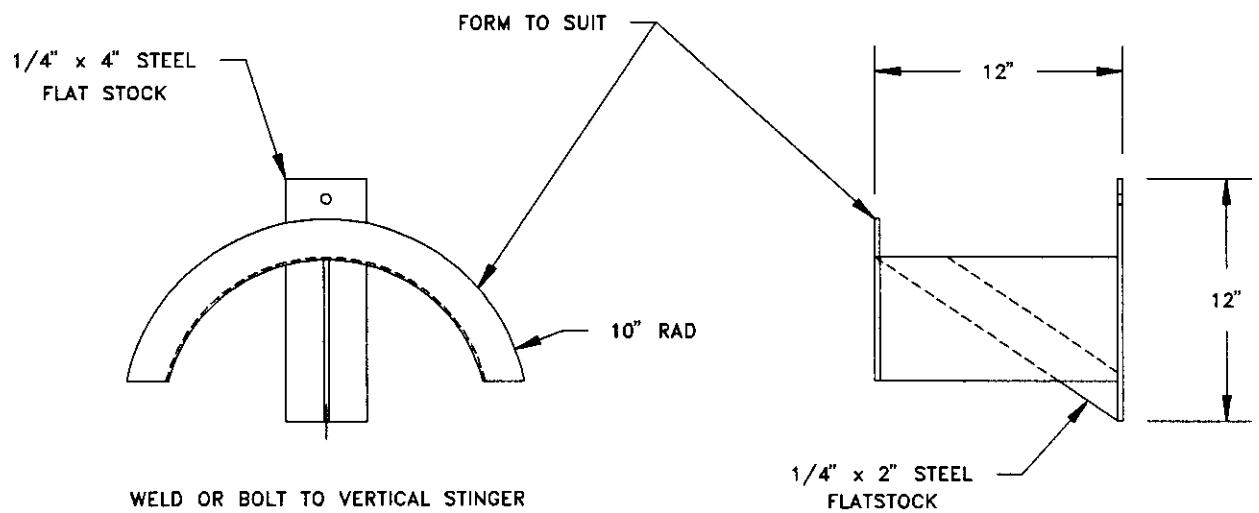
	ASSY	LIST OF MATERIAL			
QTY	PART NO.	NAME	MATERIAL	REFERENCES	REMARKS
6	1	HINGE, 2" x 1-5/8"	STL CAD PLTD	NN STOCK 17-15-302	
6	2	ANTI-RATTLER	RUBBER PURE GUM		
1	3	LOCKING DEVICE	SEE DET DWG	ASSY64, REF 6	
1	4	LOCKER	SEE DET DWG	REF 5	
36	5	HUCK RIVET SELF PLUGGING BLIND NO. P-6-D	ALUMINUM		
12	6	HUCK COMMERCIAL LOCK BOLT NO. CLPB F6-2	ALUMINUM		
AS REQ'D	7	1/4" ENSOLITE	TY III RUBBER		MIL-P-15280
AS REQ'D	8	BONDING AGENT	CEMENT		MIL-A-24179
12LF	9	ANGLE, BASE, 2-1/2" x 2" x 3/16"	MED STL		
24	10	BOLT, 1/4"-20UNC 2A	STL (ZINC COAT)		L-3/4"
24	11	NUT, HEX 1/4"-20UNC 2B	STL (ZINC COAT)		TACK WELD TO PT # 9 IN SHOP
24	12	WASHER, LOCK	STL (ZINC COAT)		
1	13	SCALING LADDER	MED STL		
5	14	RIVET, AVEX 3/16" DIA.	COM'L AL		OR EQUAL
2	15	HOOK, COAT CEILING MOUNTED	COM'L STL	BLAINE WINDOW INC. PT # 6212	OR EQUAL
4	16	RIVET, AVEX 3/16" DIA.	COM'L AL		OR EQUAL

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 045**  
**FIREFIGHTING EQUIPMENT & PROXIMITY SUIT STOWAGE LOCKER**  
**PAGE 3 OF 3**





**PLAN**



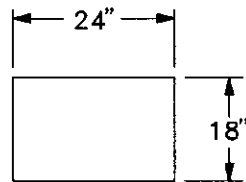
**ELEVATION**

**SIDE VIEW**

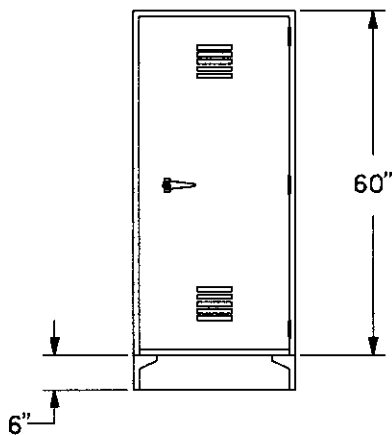
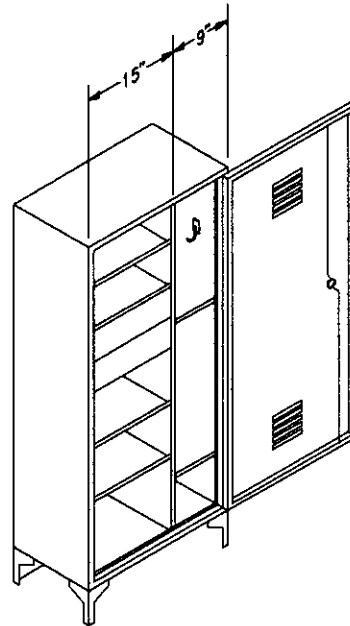
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 046**

**FIRE HOSE HANGER STOWAGE RACK**

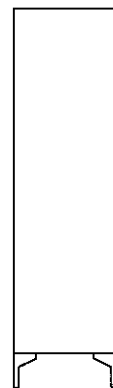
GAS FREE ENGINEER'S LOCKER  
ALUMINUM



PLAN



ELEVATION

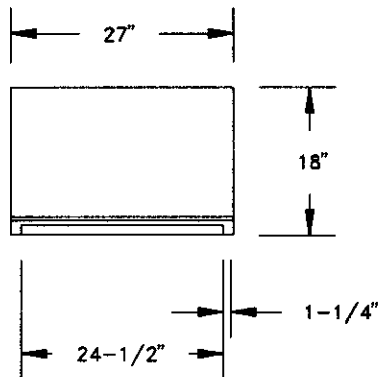


SIDE VIEW

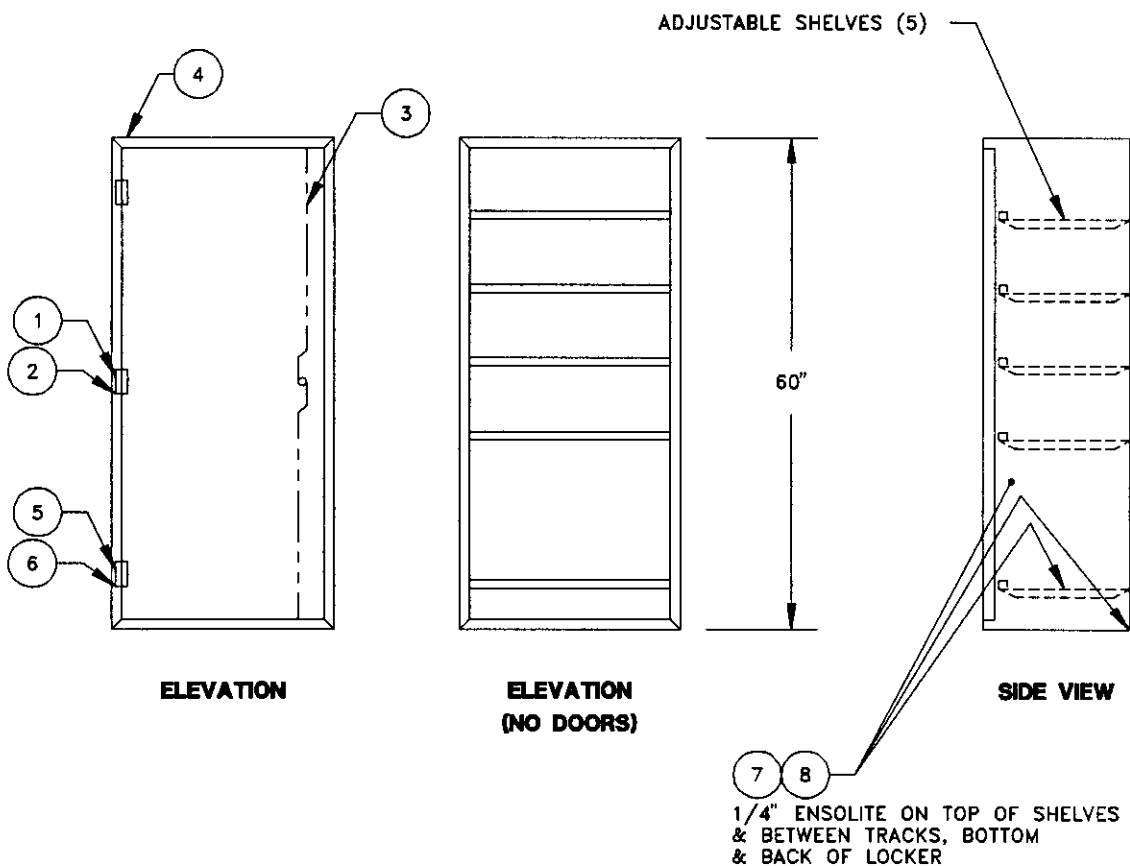
NOTES:

1. MATERIAL:  
ALUMINUM - WHEN MADE IN ACCORDANCE WITH  
DWG # 53605-630718 MODIFIED.
2. FINISH AS SPECIFIED.
3. DOOR HAS LEVER HANDLE WITH PADLOCK EYE AND UP & DOWN BOLTS  
(PADLOCK NOT FURNISHED WITH LOCKER).
4. JAMESTOWN METAL SKETCH SK 226-1-N.
5. STENCIL 2", RED LETTERS: "GAS FREE ENGINEER".

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 047**  
**GAS FREE ENGINEER STOWAGE**  
**VERSION 1**



**PLAN**

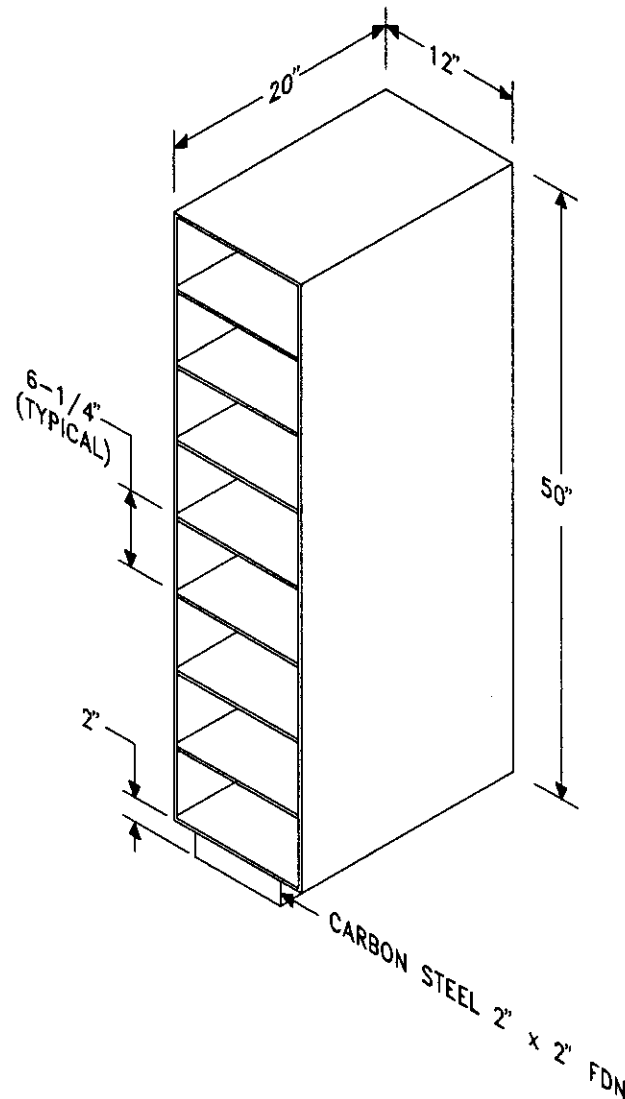


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 048**  
**GAS FREE ENGINEER EQUIPMENT STOWAGE LOCKER**  
**VERSION 2 (PAGE 1 OF 2)**

	ASSY	LIST OF MATERIAL			
QTY	PART NO.	NAME	MATERIAL	REFERENCES	REMARKS
6	1	HINGE, 2" x 1-5/8"	STL CAD PLTD	NN STOCK 17-15-302	
6	2	ANTI-RATTLER	RUBBER PURE GUM		
1	3	LOCKING DEVICE	SEE DET DWG	ASSY64, REF 6	
1	4	LOCKER	SEE DET DWG	REF 5	
36	5	HUCK RIVET SELF PLUGGING BLIND NO. P-6-D	ALUMINUM		
12	6	HUCK COMMERCIAL LOCK BOLT NO. CLPB F6-2	ALUMINUM		
AS REQ'D	7	1/4" ENSOLITE	TY III RUBBER		MIL-P-15280
AS REQ'D	8	BONDING AGENT	CEMENT		MIL-A-24179

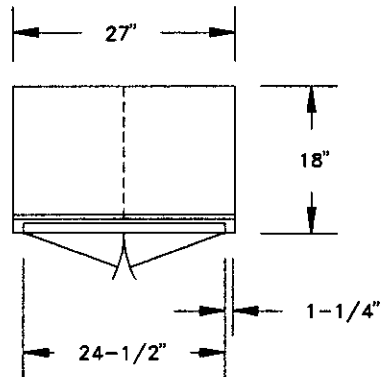
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 048**  
**GAS FREE ENGINEER EQUIPMENT STOWAGE LOCKER**  
**VERSION 2 (PAGE 2 OF 2)**

MCU 2P PROTECTIVE MASK/LIFE JACKET/ANTI-FLASH GEAR  
STACKED STOWAGE CABINET WITH OPTIONAL QUANTITY OF SHELVES  
DEPENDING ON REQUIREMENTS AND SPACE AVAILABLE.

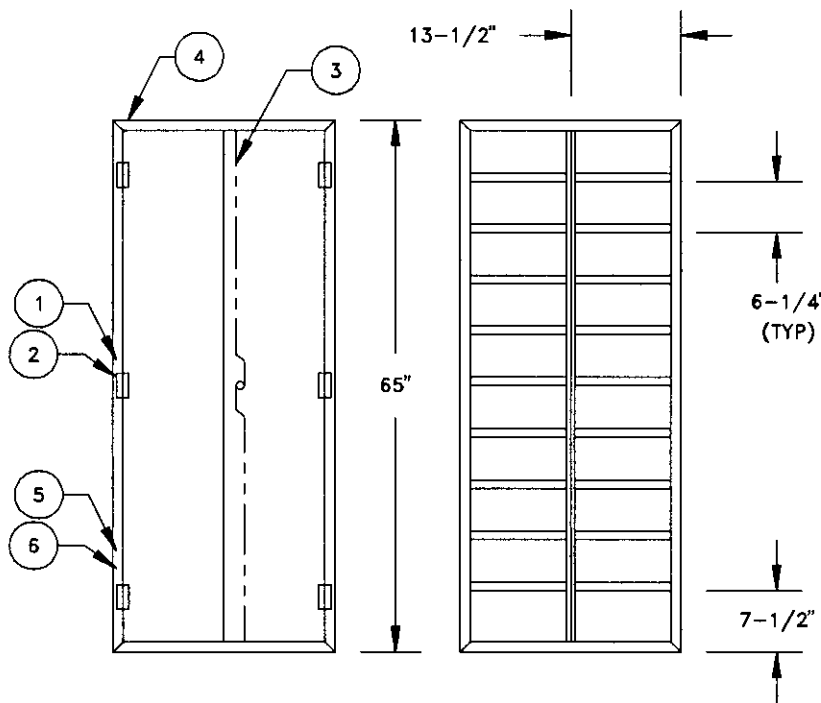


NOTE: INDIVIDUAL BOXES TO BE  
.0625" ALUMINUM. SPOT WELDED.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 049**  
**GENERAL QUARTERS EQUIPMENT STOWAGE**  
**VERSION 1**

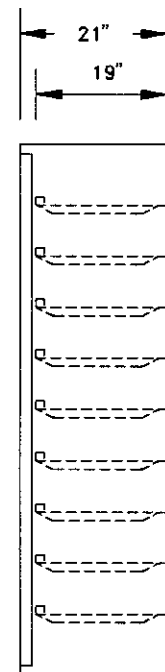


**PLAN**



**ELEVATION**

**ELEVATION  
(NO DOORS)**



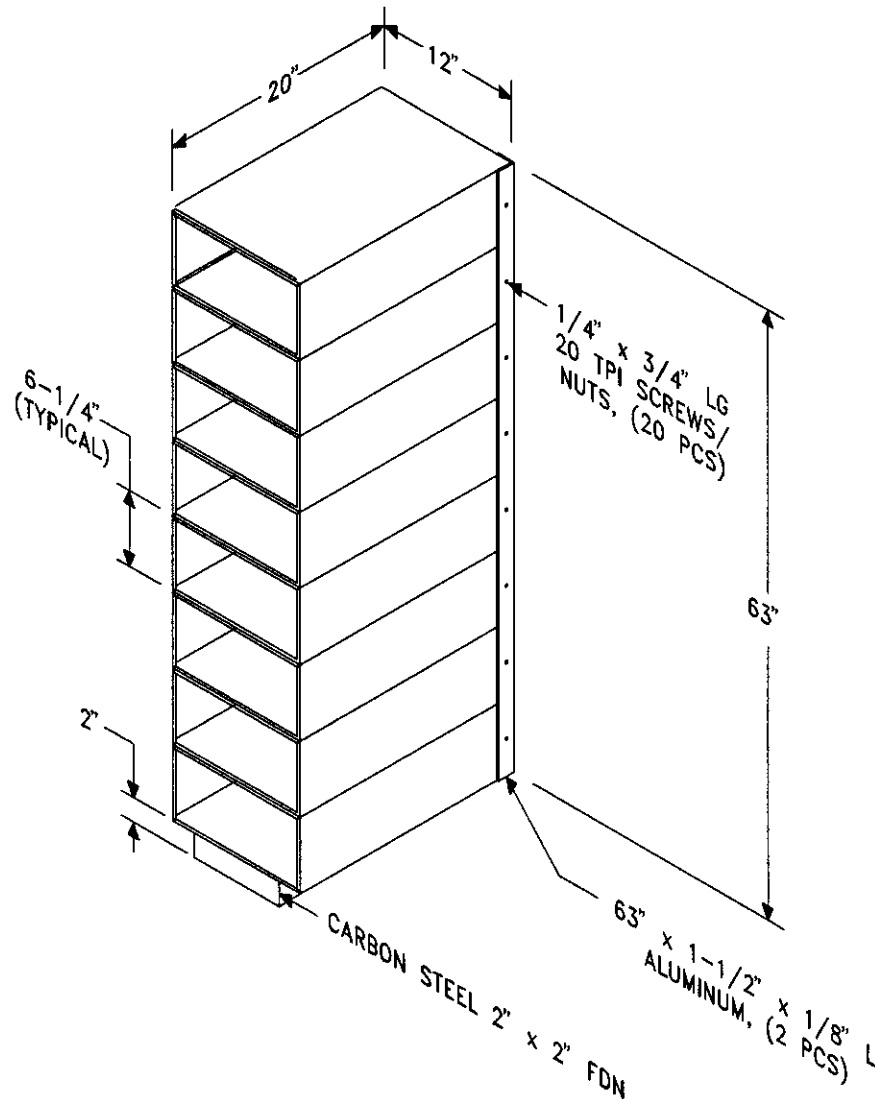
**SIDE VIEW**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 050**  
**GENERAL QUARTERS EQUIPMENT STOWAGE LOCKER**  
**VERSION 2 (PAGE 1 OF 2)**

	ASSY	LIST OF MATERIAL			
QTY	PART NO.	NAME	MATERIAL	REFERENCES	REMARKS
6	1	HINGE, 2" x 1-5/8"	STL CAD PLTD	NN STOCK 17-15-302	
6	2	ANTI-RATTLER	RUBBER PURE GUM		
1	3	LOCKING DEVICE	SEE DET DWG	ASSY64, REF 6	
1	4	LOCKER	SEE DET DWG	REF 5	
36	5	HUCK RIVET SELF PLUGGING BLIND NO. P-6-D	ALUMINUM		
12	6	HUCK COMMERCIAL LOCK BOLT NO. CLPB F6-2	ALUMINUM		

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 050**  
**GENERAL QUARTERS EQUIPMENT STOWAGE LOCKER**  
**VERSION 2 (PAGE 2 OF 2)**

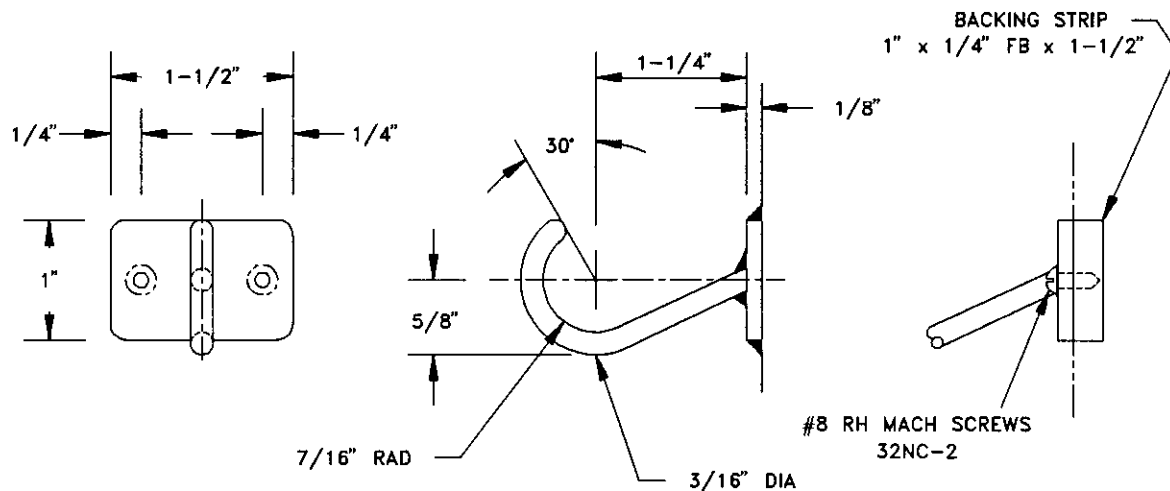
MCU 2P PROTECTIVE MASK/LIFE JACKET/ANTI-FLASH GEAR  
STACKED STOWAGE CABINET WITH OPTIONAL QUANTITY OF SHELVES  
DEPENDING ON REQUIREMENTS AND SPACE AVAILABLE.



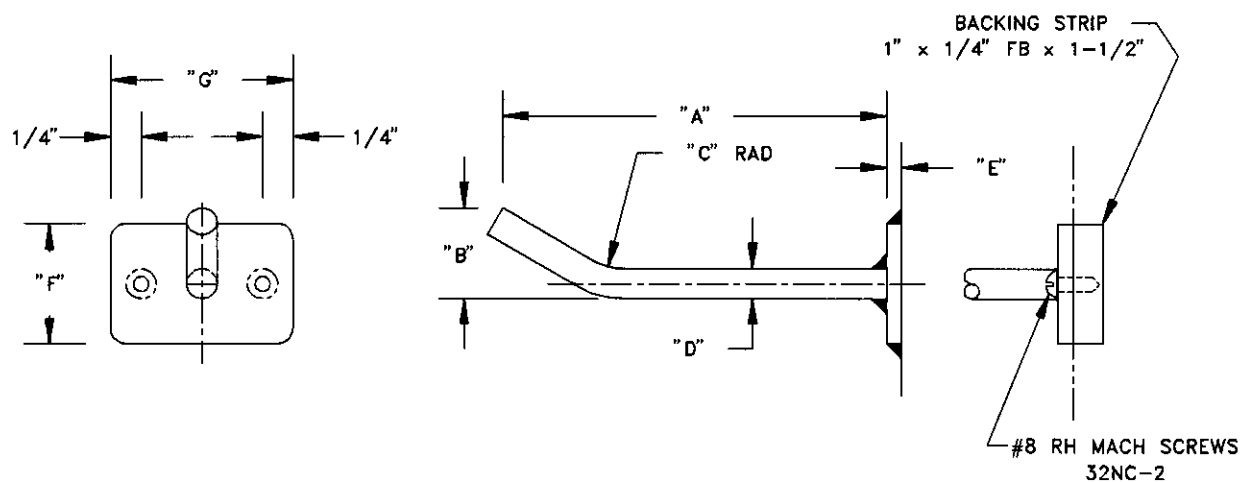
NOTE: INDIVIDUAL BOXES TO BE  
.0625" ALUMINUM. SPOT WELDED.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 051**  
**GENERAL QUARTERS EQUIPMENT STOWAGE**  
**VERSION 3**



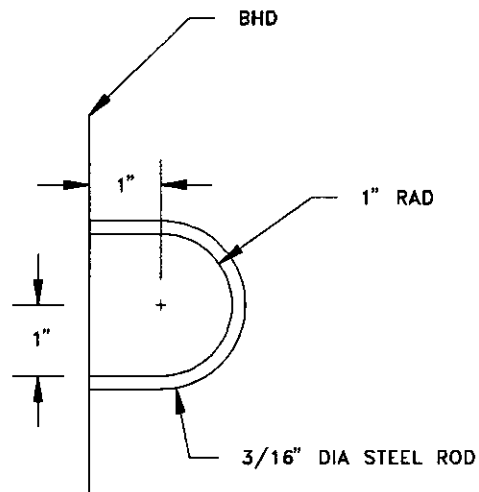


**BAG HOOK**

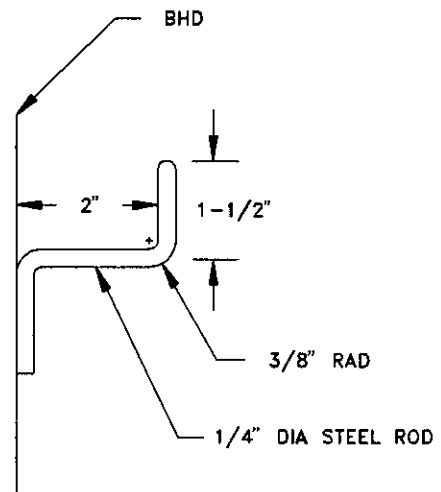


**BOLT CUTTER HOOK**

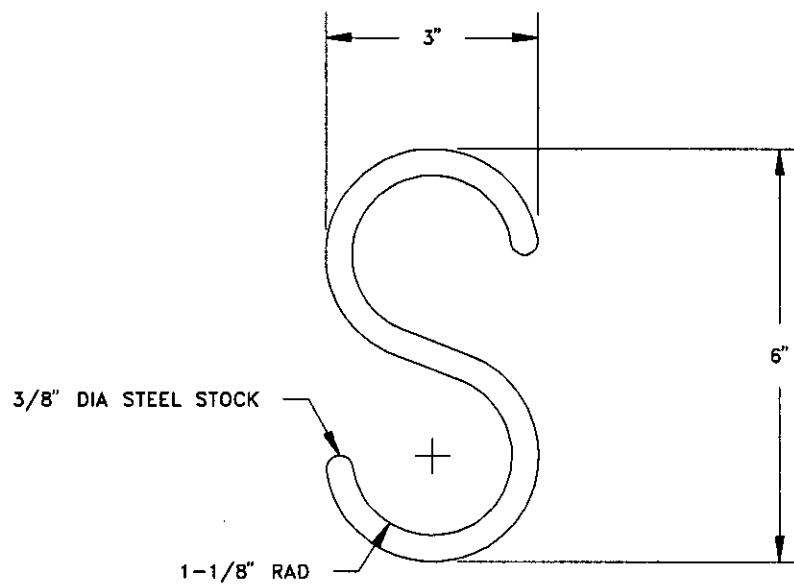
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 052**  
**HOOKS, MISCELLANEOUS DAMAGE CONTROL STOWAGE**  
**PAGE 1 OF 3**



**"M" STAPLE**

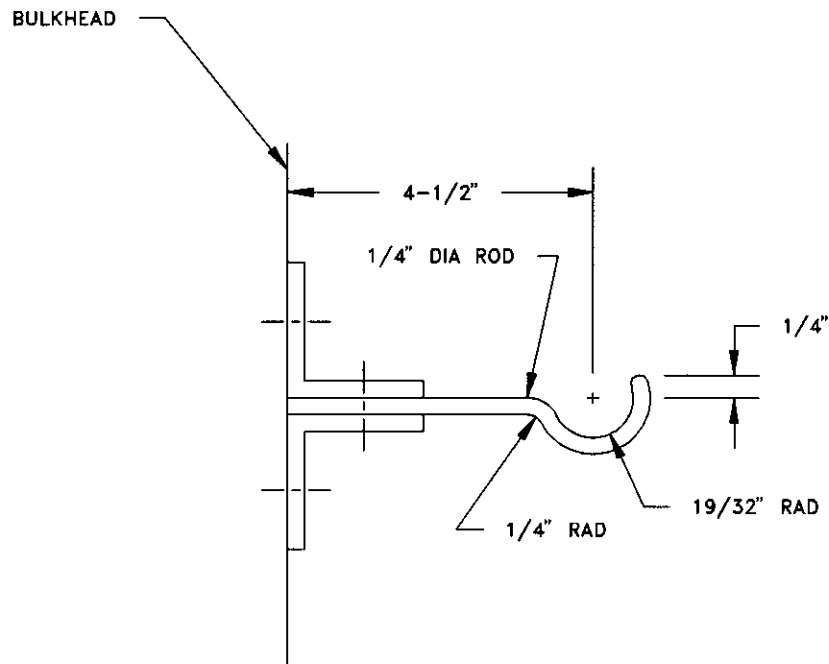


**HOOK**



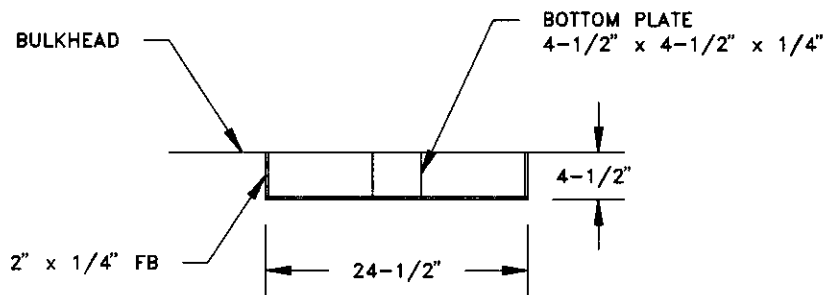
**"S" HOOK**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 052**  
**HOOKS, MISCELLANEOUS DAMAGE CONTROL STOWAGE**  
**PAGE 2 OF 3**

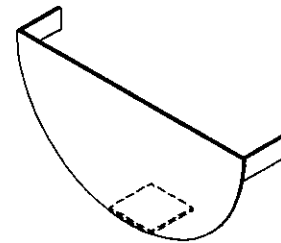


**"Y" SUPPORT**

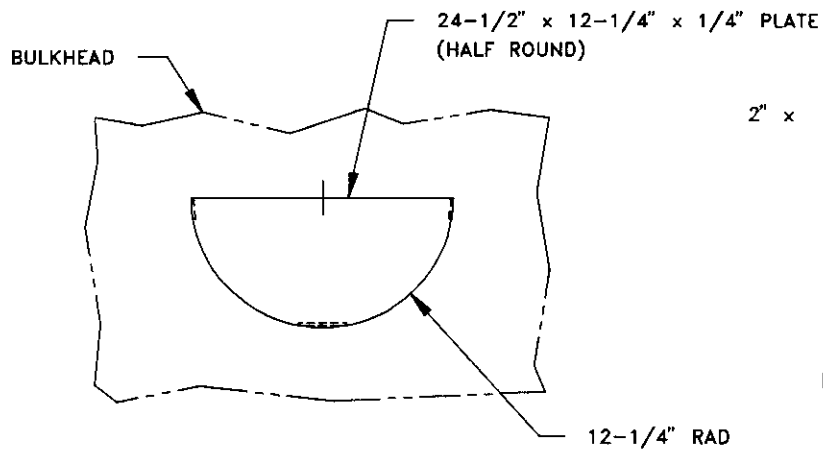
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 052**  
**HOOKS, MISCELLANEOUS DAMAGE CONTROL STOWAGE**  
**PAGE 3 OF 3**



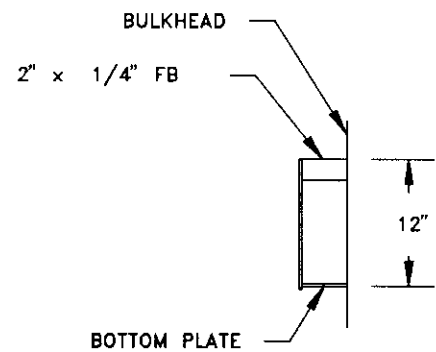
PLAN



ISOMETRIC VIEW



ELEVATION

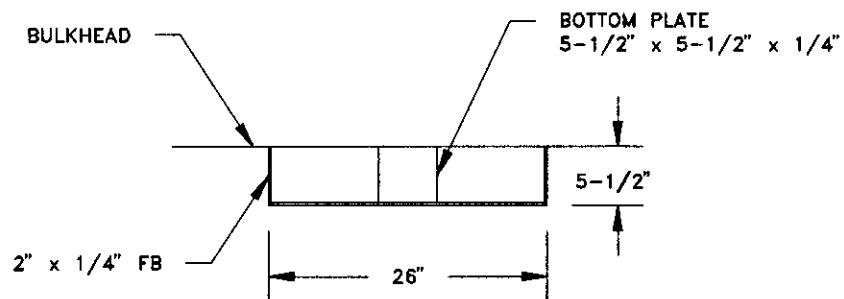


SIDE VIEW

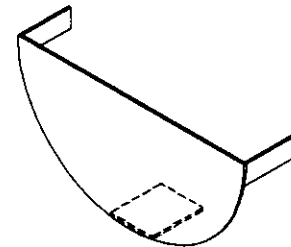
1-1/2" x 50' FIRE HOSE CRADLE

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 053**

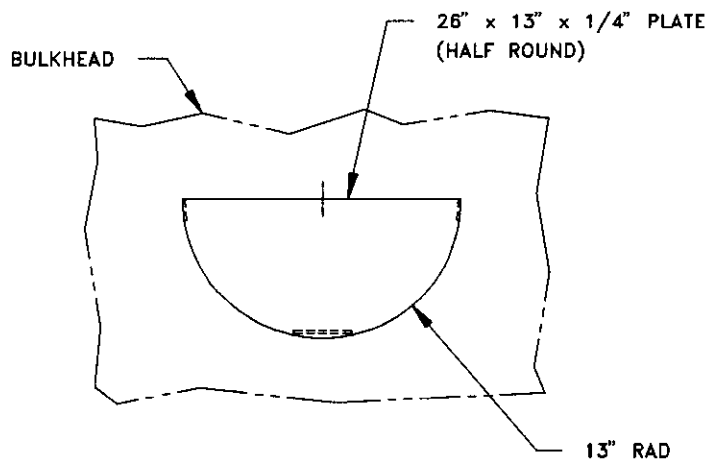
**HOSE STOWAGE (CRADLE)  
VERSION 1 (PAGE 1 OF 3)**



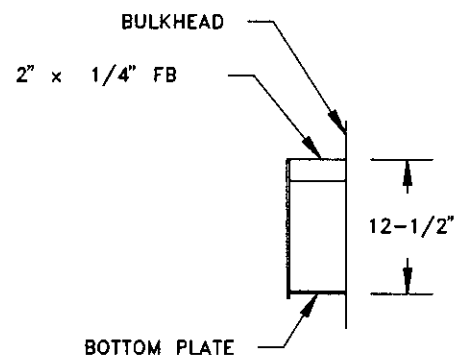
PLAN



ISOMETRIC VIEW



ELEVATION

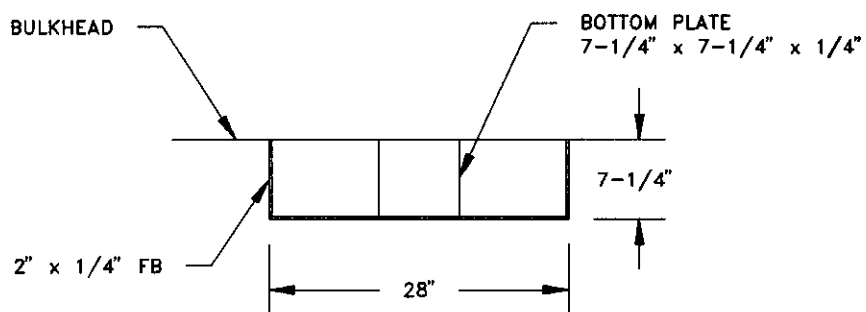


SIDE VIEW

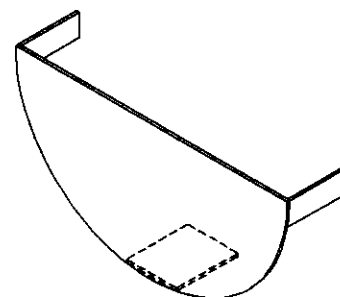
2-1/2" x 50' FIRE HOSE CRADLE

DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 053

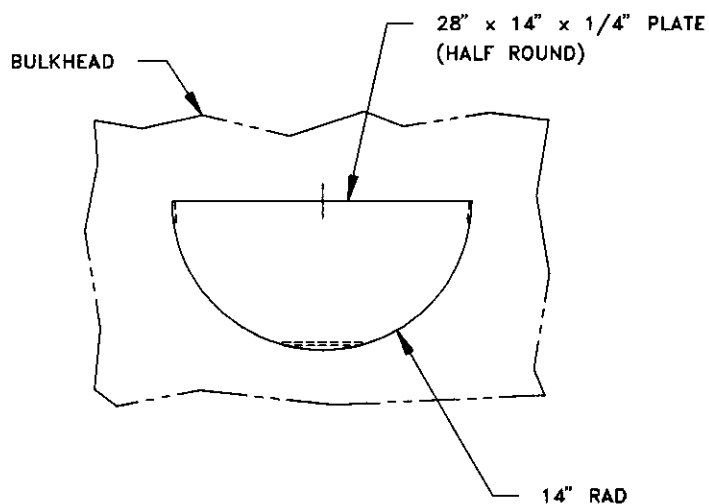
HOSE STOWAGE (CRADLE)  
VERSION 1 (PAGE 2 OF 3)



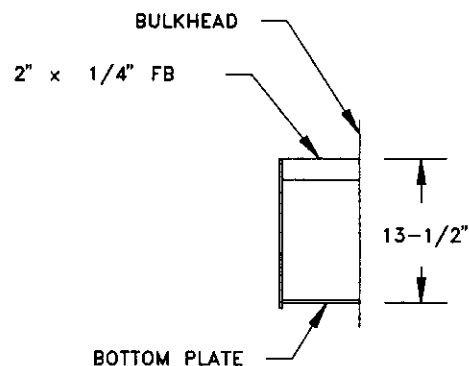
PLAN



ISOMETRIC VIEW



ELEVATION



SIDE VIEW

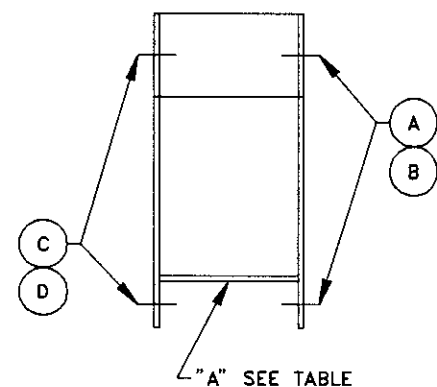
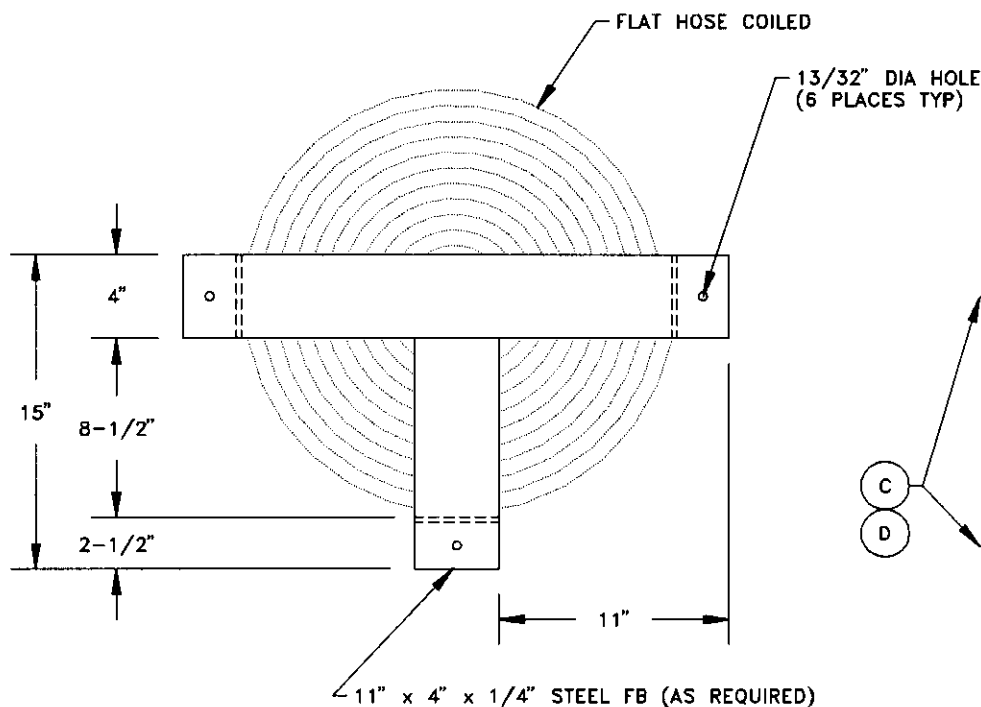
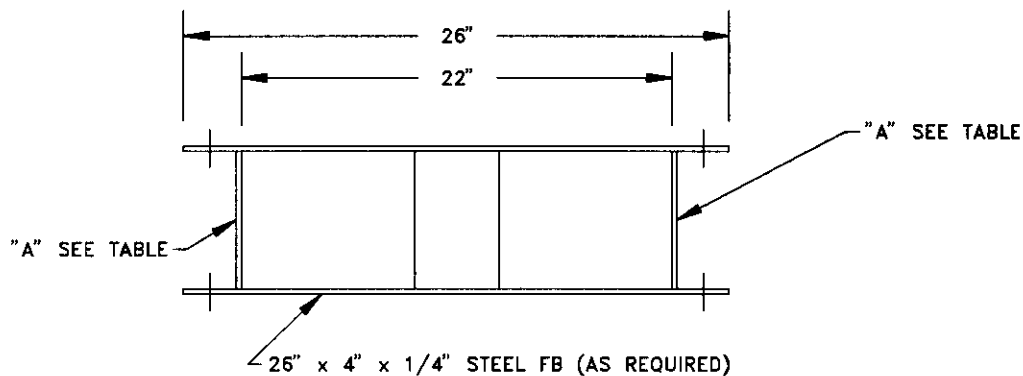
### 4" x 50' DISCHARGE HOSE CRADLE

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 053**

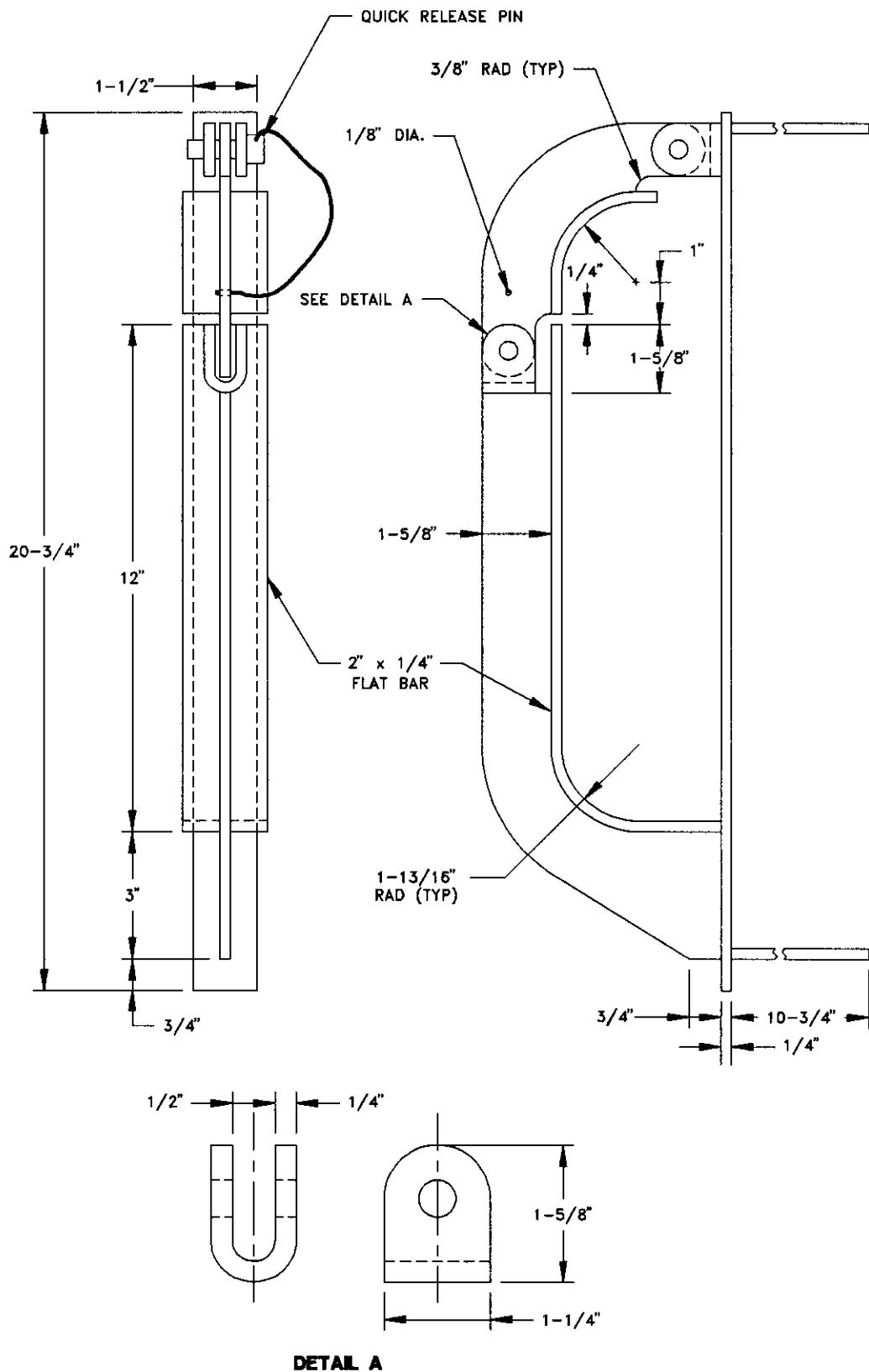
**HOSE STOWAGE (CRADLE)  
VERSION 1 (PAGE 3 OF 3)**

NOM $\phi$ (HOSE)	"A" DIMENSION
1-1/2"	4" x 1/4" x 2-3/4" STEEL FB (AS REQUIRED)
2-1/2"	4" x 1/4" x 4-1/2" STEEL FB (AS REQUIRED)
4"	4" x 1/4" x 6-5/8" STEEL FB (AS REQUIRED)

- (A) PAD, TAPPED, ROUND, 3/8"-16 UNC-2 BX, 1" LONG STEEL (AS REQUIRED)
- (B) BOLT, HEX HEAD, SELF LOCKING, 3/8"-16 UNC-2 A, 1" LONG, STEEL (AS REQUIRED)
- (C) BOLT, HEX HEAD, 3/8"-16 UNC-2 A, 1" LONG, STEEL (AS REQUIRED)
- (D) NUT, HEX, SELF LOCKING, 3/8"-UNCJ-3 B, STEEL (AS REQUIRED)

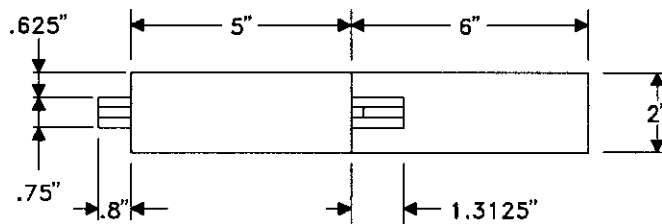
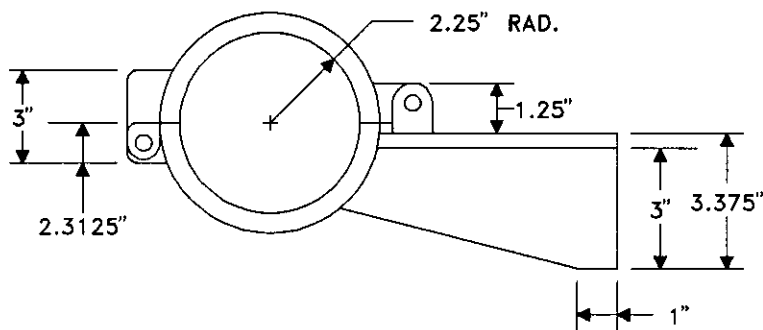
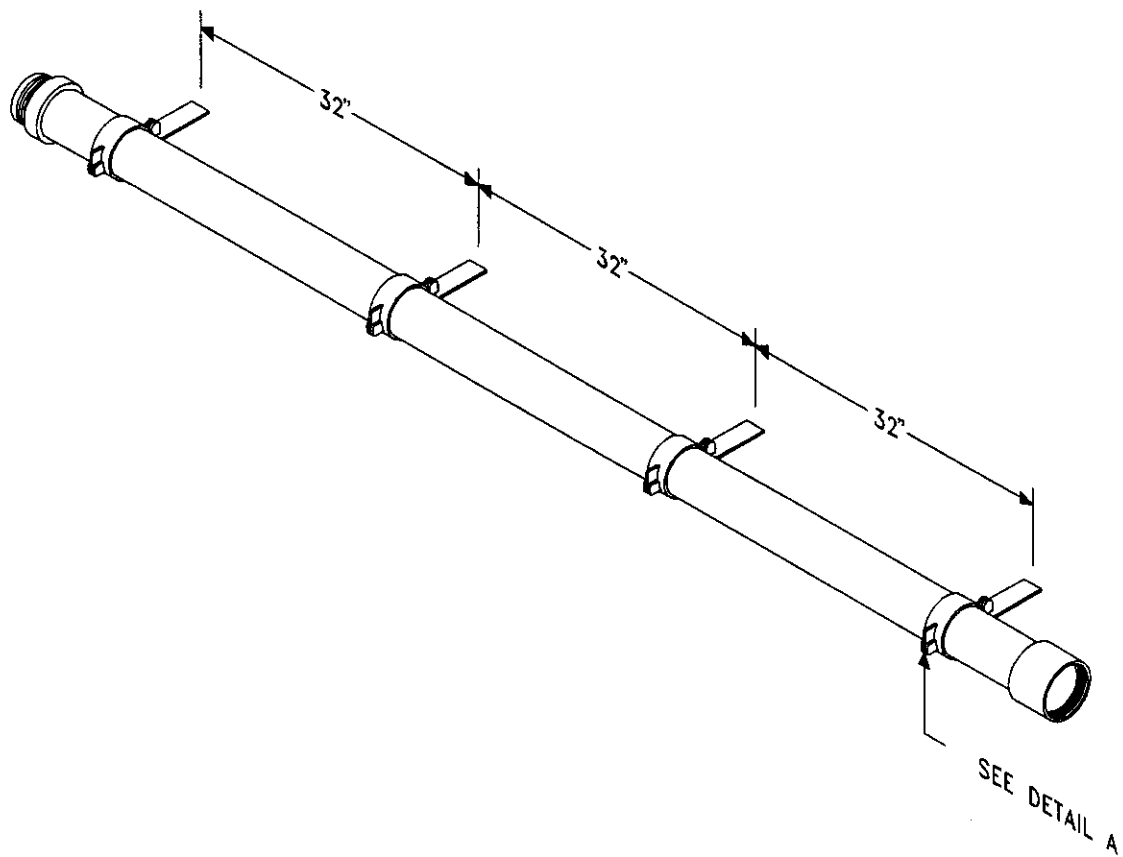


# **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 054** **HOSE STOWAGE (CRADLE)** **VERSION 2**



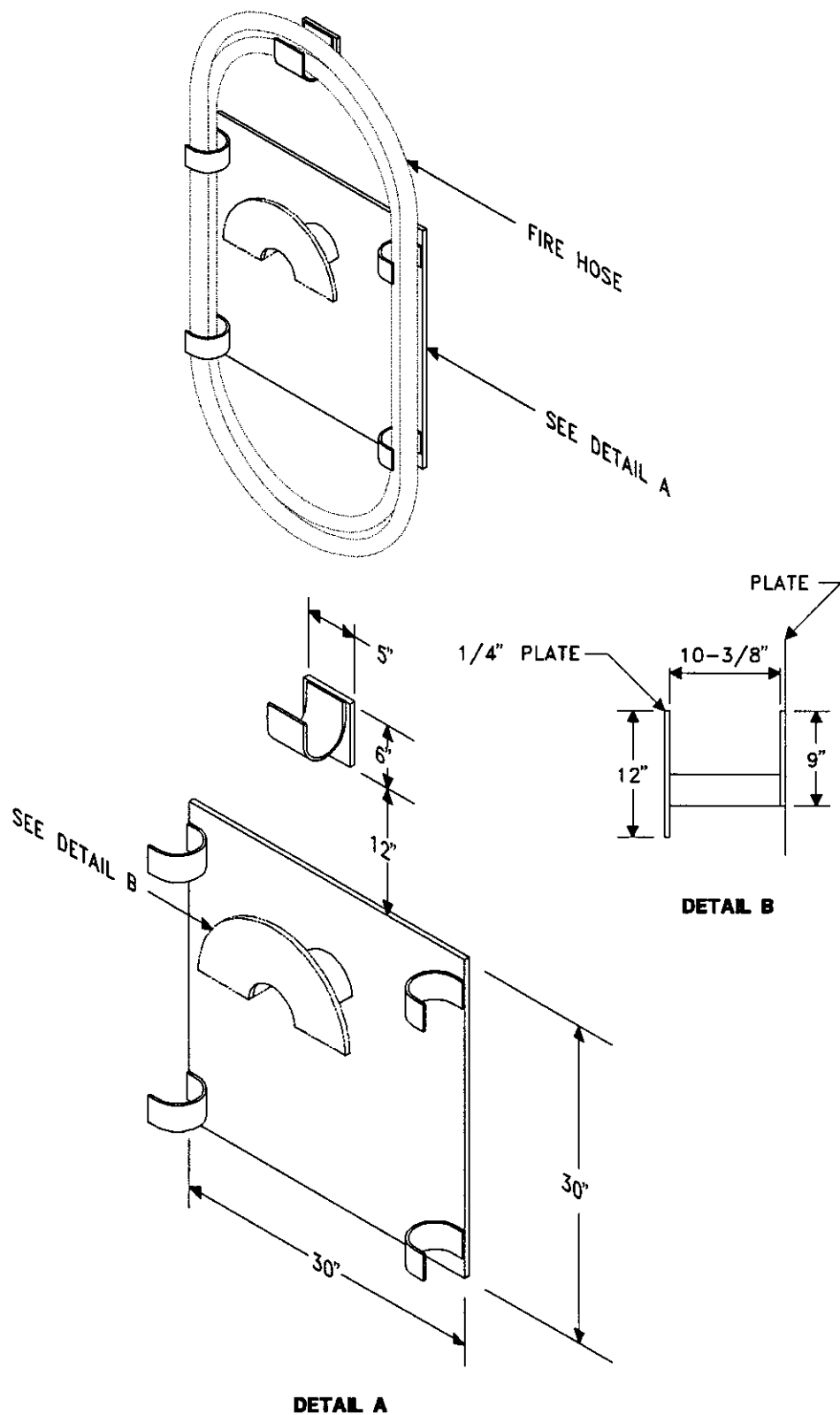
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 055**  
**HOSE STOWAGE BRACKET (FOUR 3" x 10' SUCTION ONLY)**



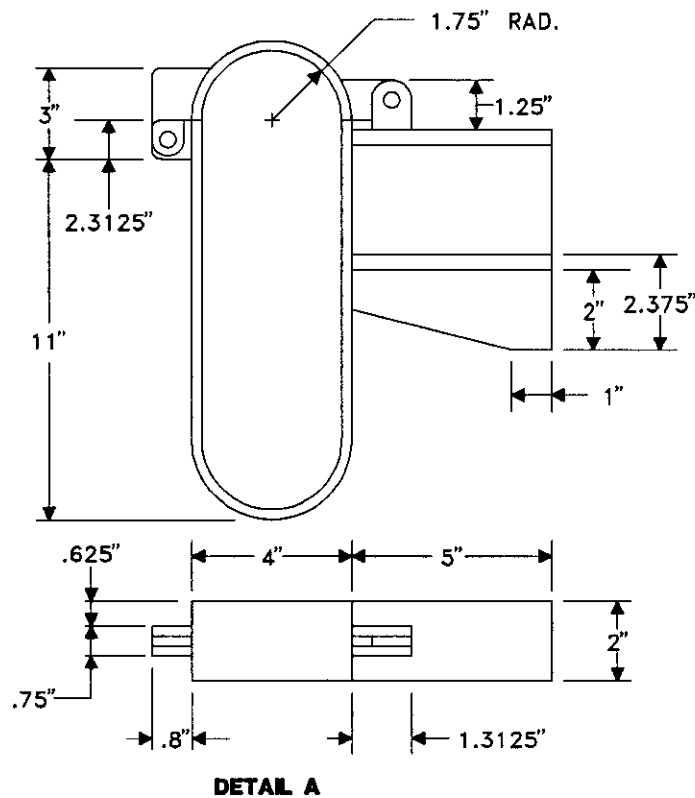
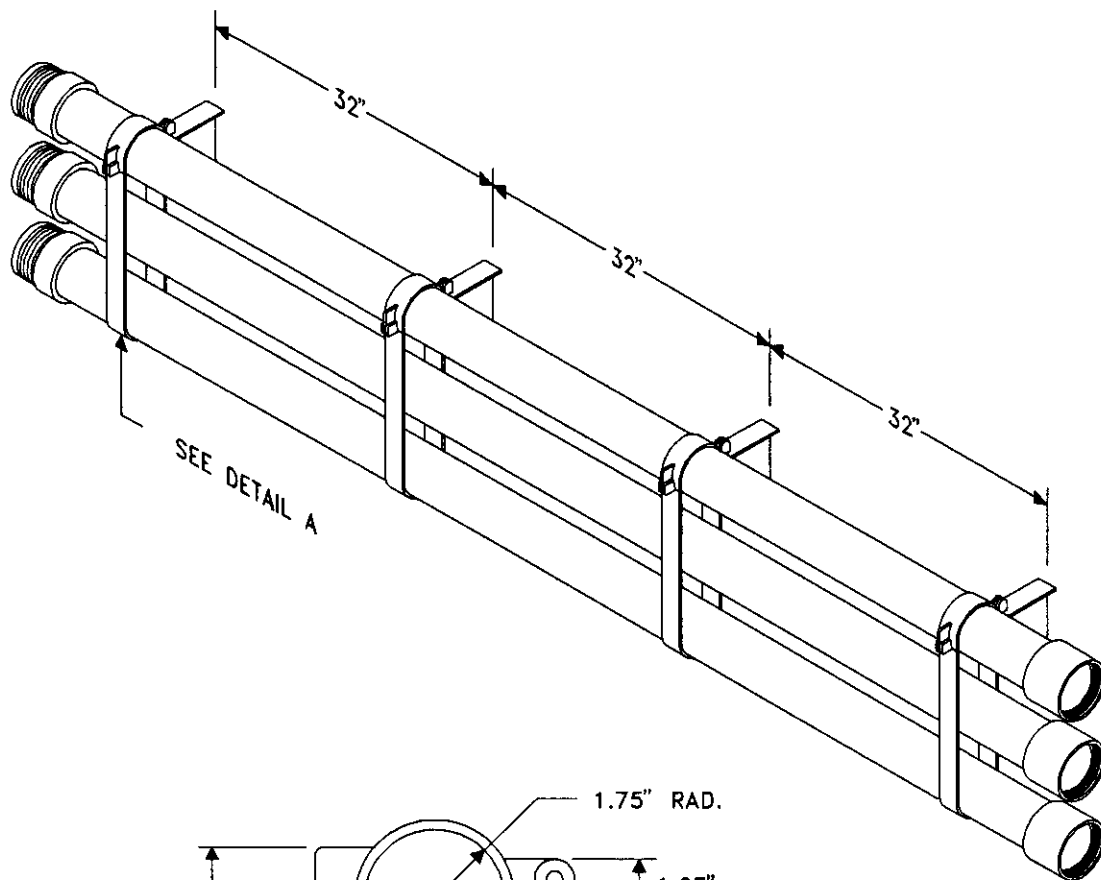


DETAIL A

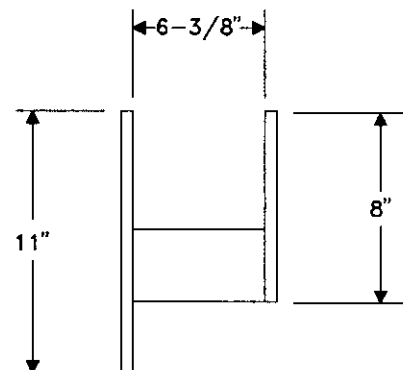
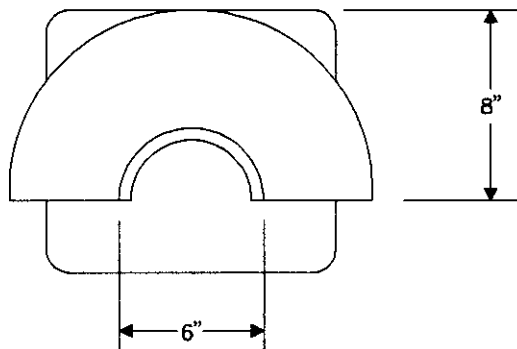
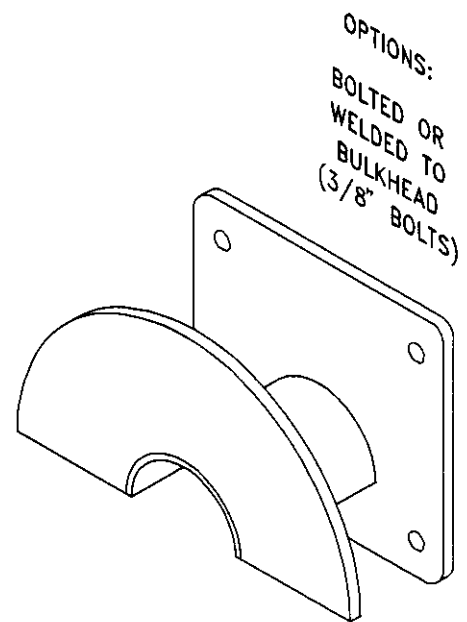
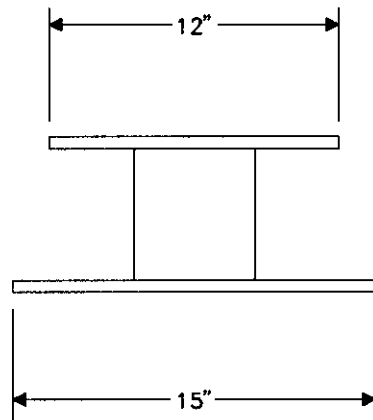
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 056**  
**HOSE STOWAGE RACK (ONE 4" x 10' DISCHARGE HOSE)**



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 057**  
**HOSE STOWAGE RACK, ONE 2" x 20' EXHAUST RUBBER HOSE - P250**  
**AND TWO 2-1/2" x 50' FIRE HOSE**

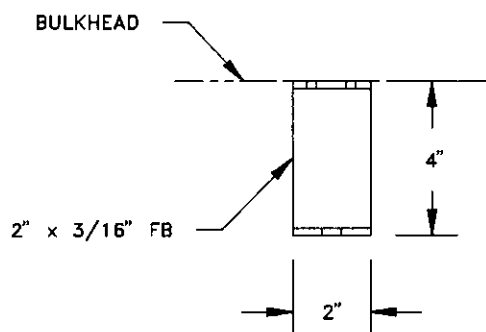
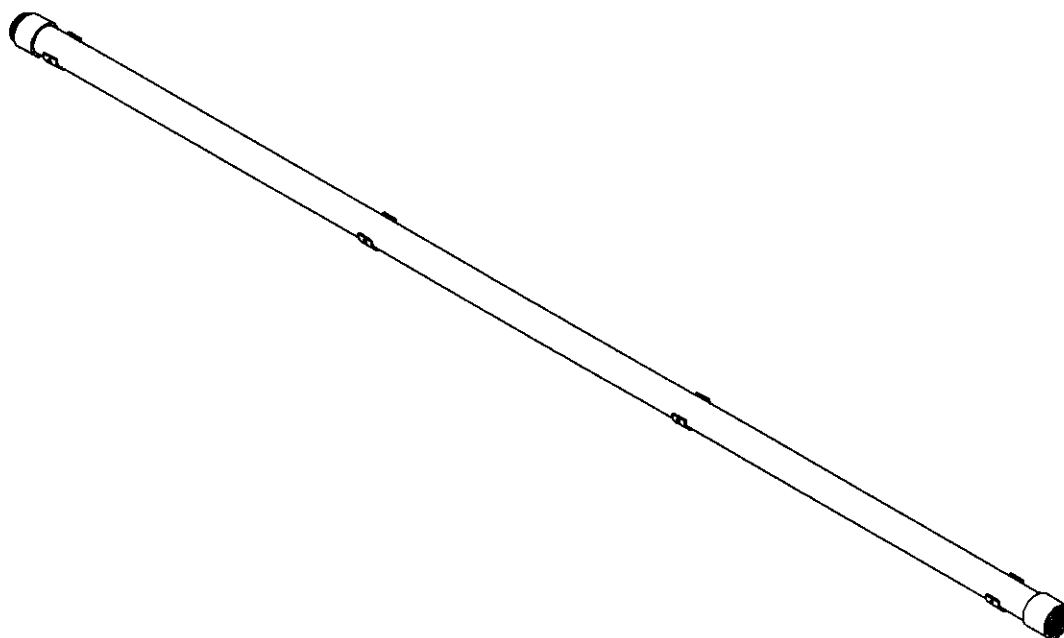


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 058**  
**HOSE STOWAGE RACK (THREE 3" x 10' SUCTION HOSE - P250)**  
**OR (FOUR 2-1/2" x 10' SUCTION HOSE - SUB-PUMP)**

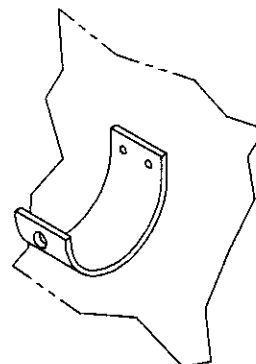


## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 059

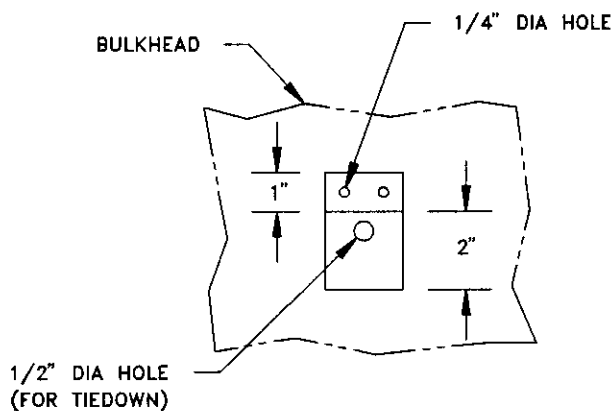
HOSE STOWAGE RACK (TWO 1-1/2" x 50' FIRE HOSE)



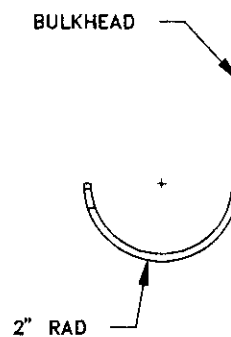
**PLAN**



**ISOMETRIC VIEW**

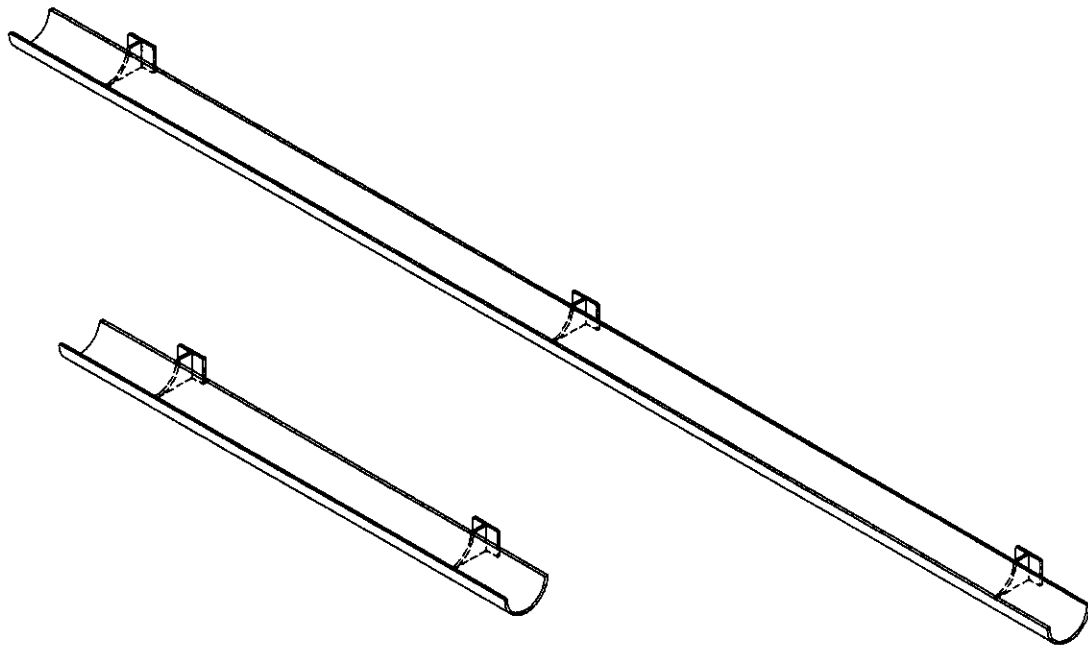


**ELEVATION**

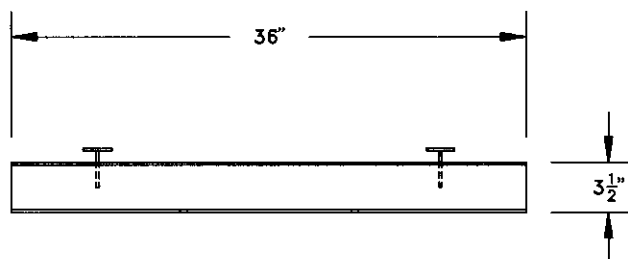


**SIDE VIEW**

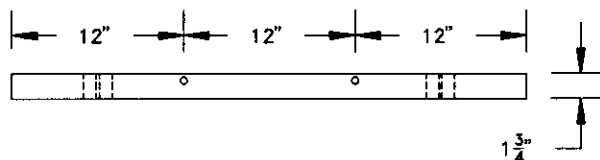
# **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 060** **HOSE STOWAGE RACK (HARD HOSE CLIPS) 10' AND 20' LENGTHS**



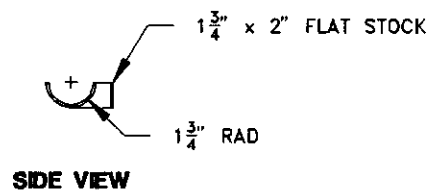
ISOMETRIC VIEW



PLAN

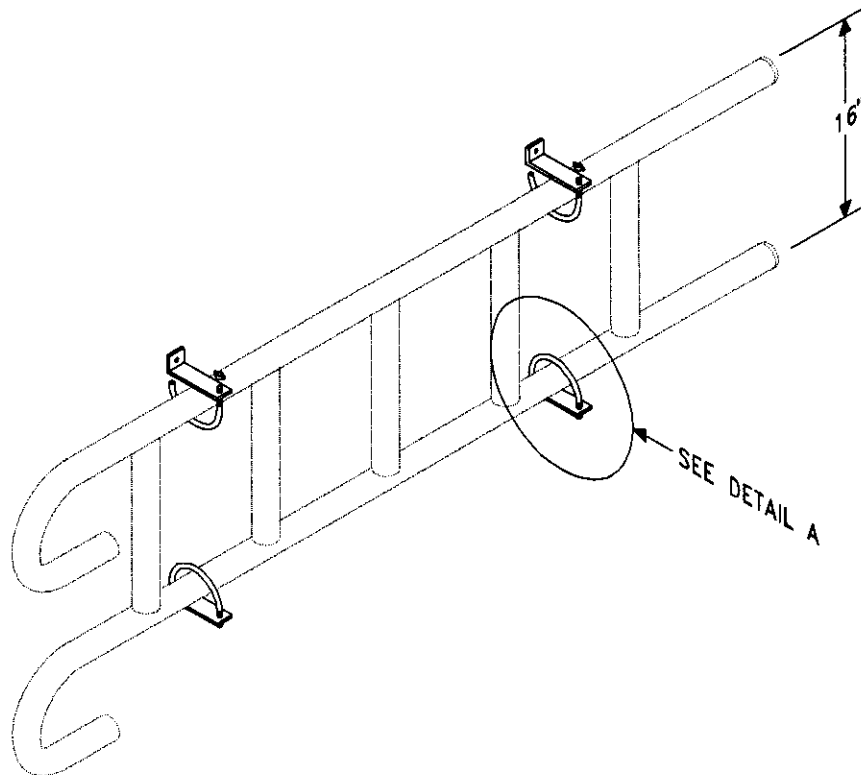


ELEVATION

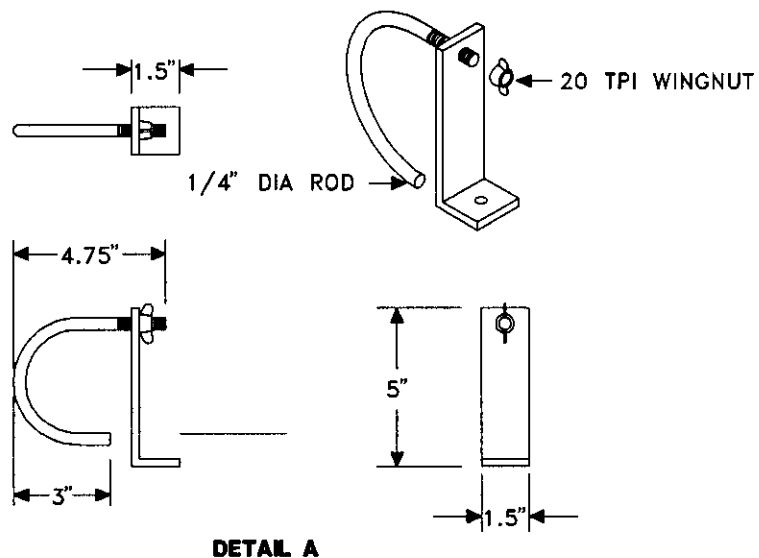


SIDE VIEW

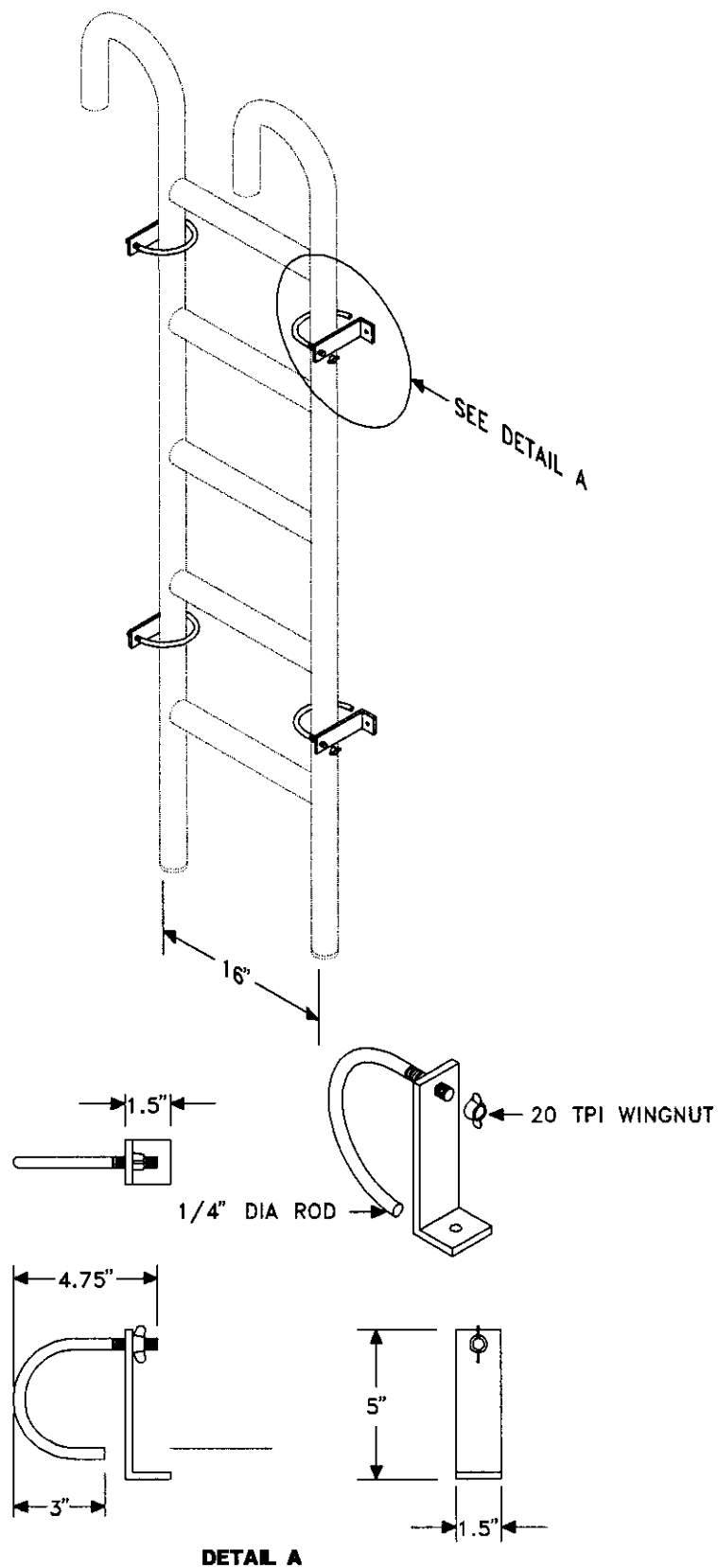
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 061**  
**HOSE STOWAGE RACK (HARD SUCTION)**  
**3-1/2" x 36" AND 3-1/2" x 84" LENGTHS**



**BULKHEAD MOUNTED (HORIZONTAL)**

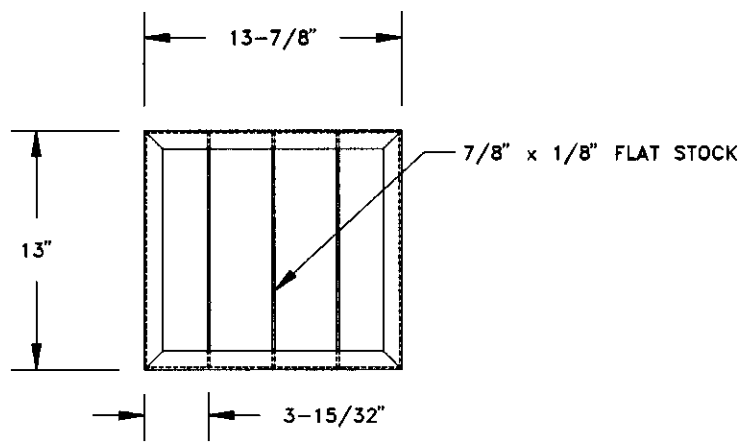


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 062**  
**LADDER, (6 FT SCALING) STOWAGE BRACKETS**  
**HORIZONTAL**

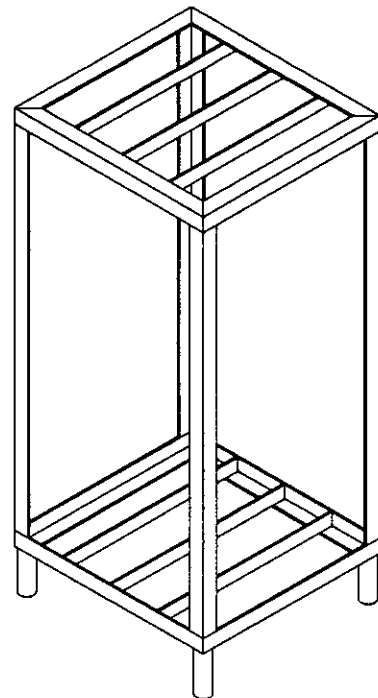


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 063**  
**LADDER, (6 FT SCALING) STOWAGE BRACKETS**  
**VERTICAL**

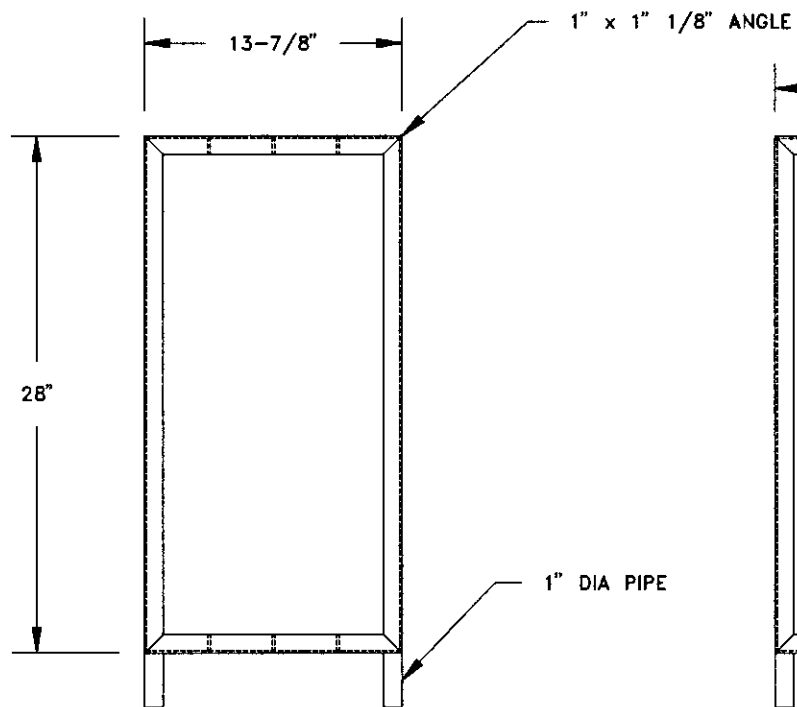




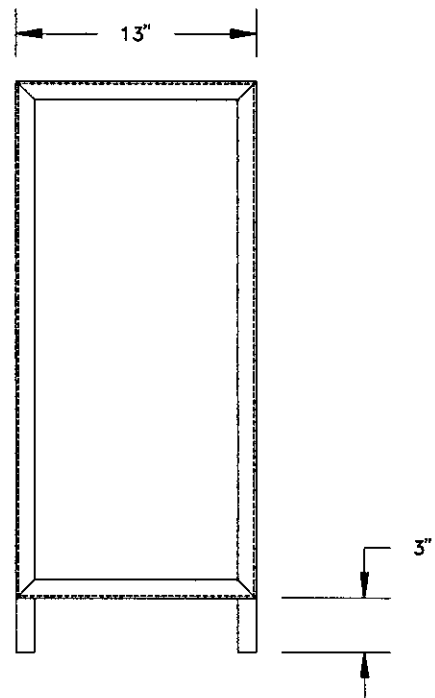
PLAN



ISOMETRIC VIEW

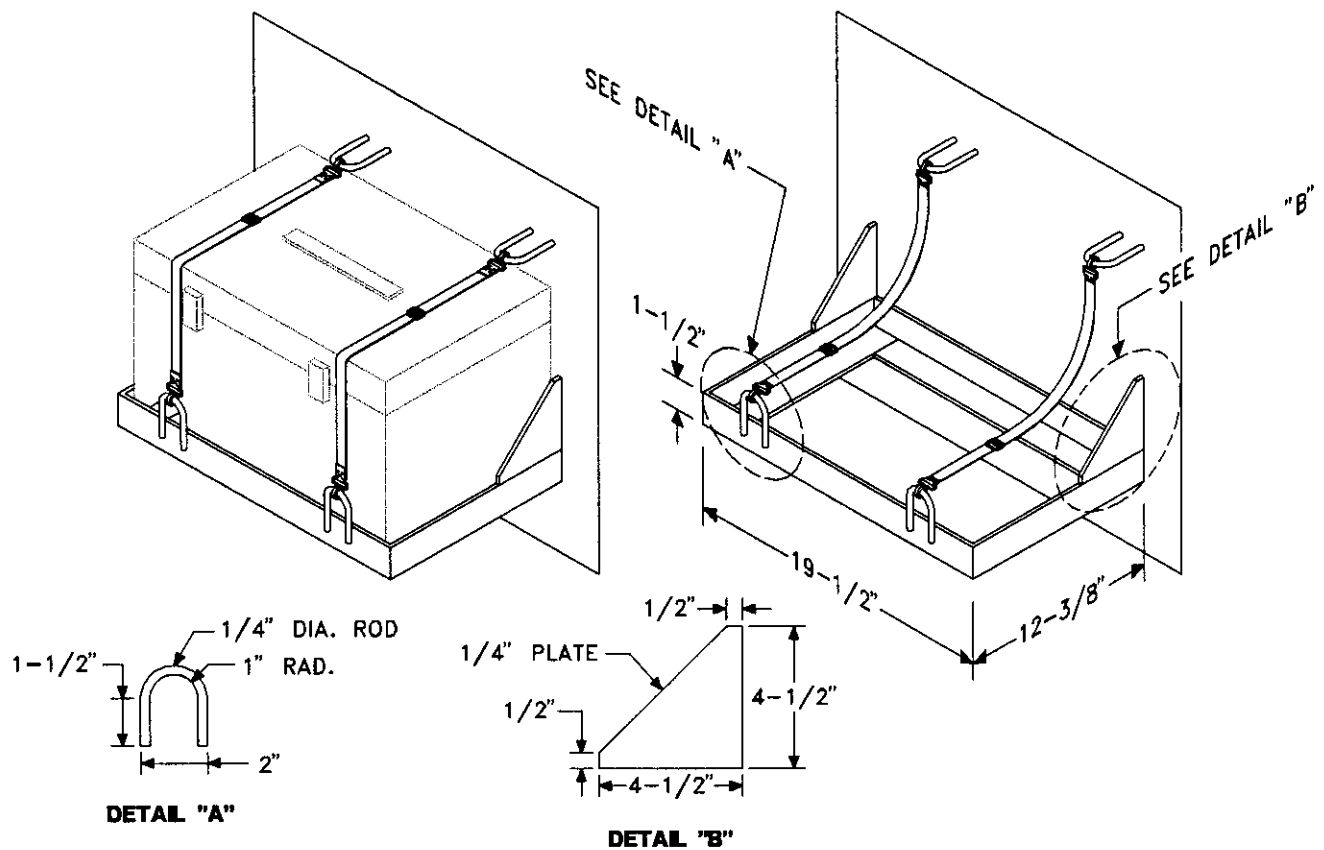


ELEVATION

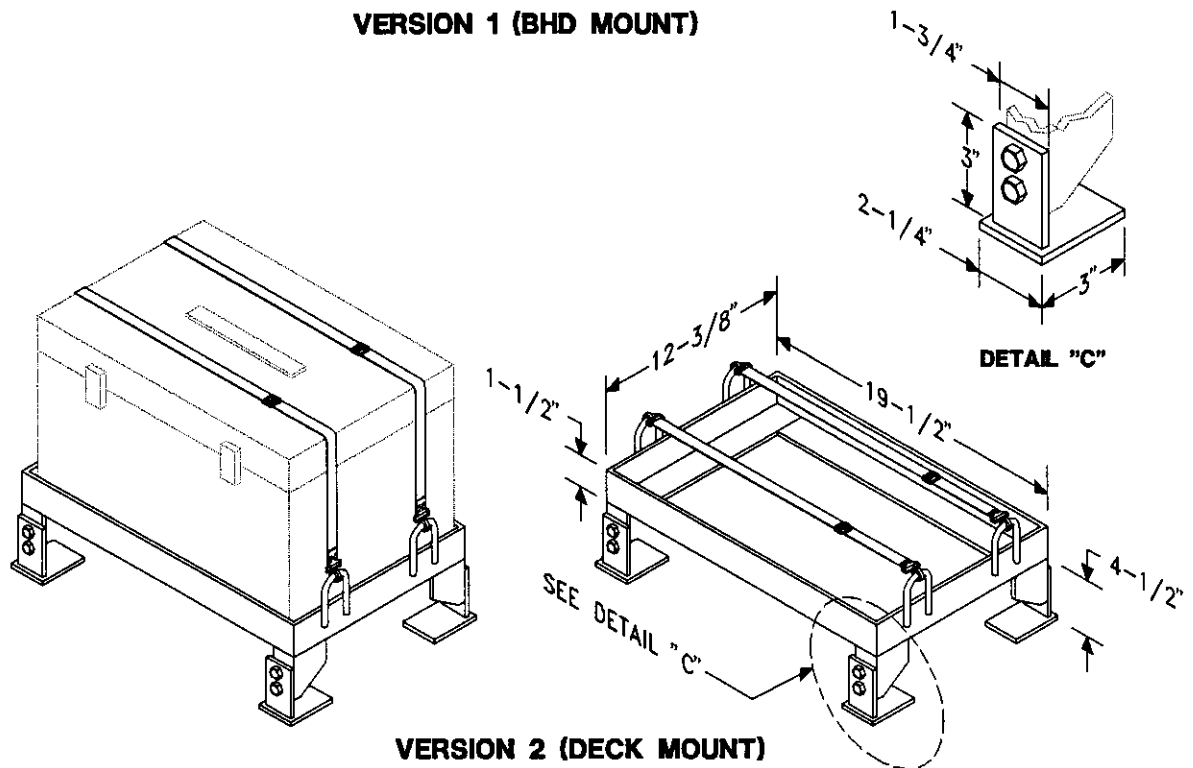


SIDE VIEW

# **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 064** **MISCELLANEOUS ACCESS TOOL STOWAGE RACK**



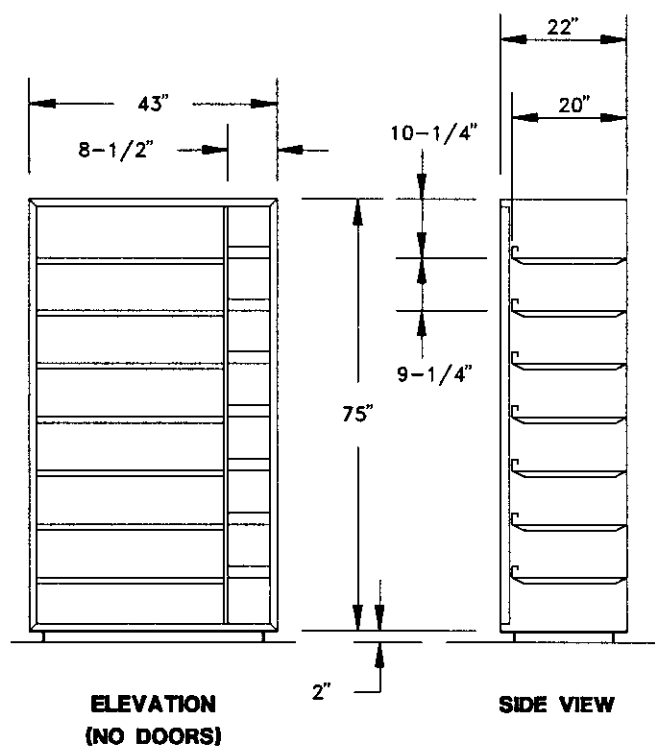
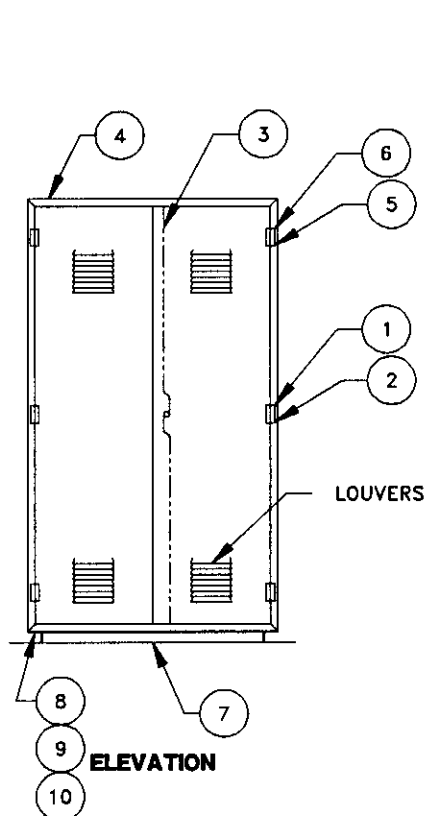
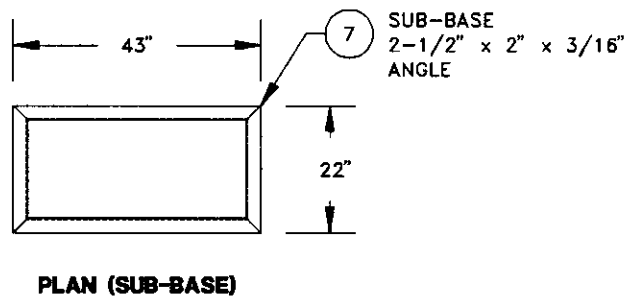
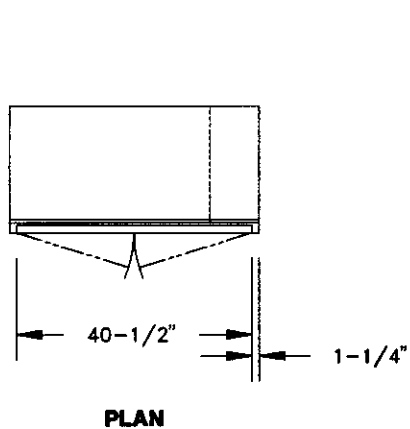
**VERSION 1 (BHD MOUNT)**



**VERSION 2 (DECK MOUNT)**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 065**

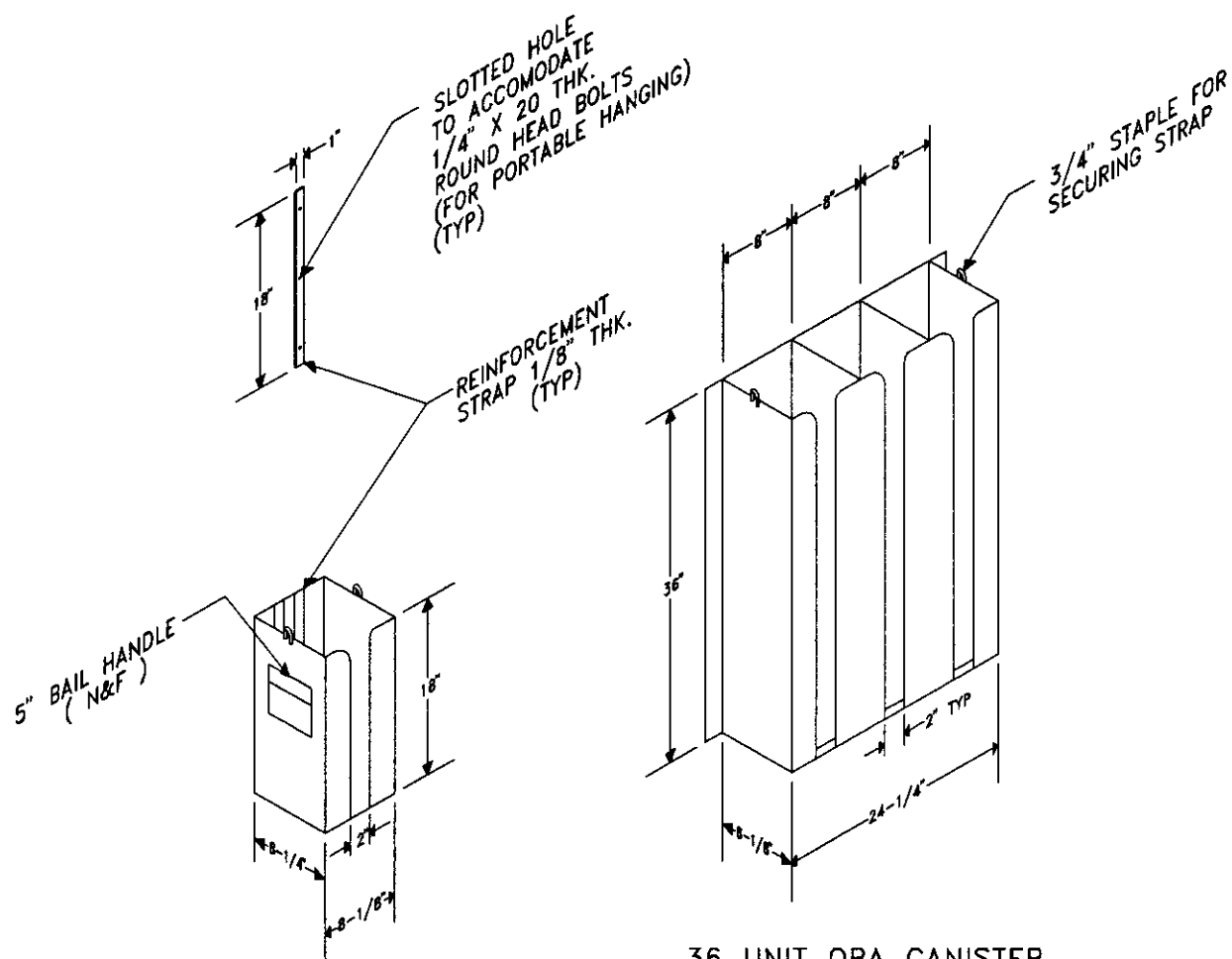
**NFTI STOWAGE RACK**



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 066**  
**OBA & OBA CANISTER STOWAGE LOCKER**  
**PAGE 1 OF 2**

	ASSY	LIST OF MATERIAL			
QTY	PART NO.	NAME	MATERIAL	REFERENCES	REMARKS
6	1	HINGE, 2" x 1-5/8"	STL CAD PLTD	NN STOCK 17-15-302	
6	2	ANTI-RATTLER	RUBBER PURE GUM		
1	3	LOCKING DEVICE	SEE DET DWG	ASSY64, REF 6	
1	4	LOCKER	SEE DET DWG	REF 5	
12	5	HUCK RIVET SELF PLUGGING BLIND NO. P-6-D	ALUMINUM		
12	6	HUCK COMMERCIAL LOCK BOLT NO. CLPB F6-2	ALUMINUM		
12LF	7	ANGLE, BASE, 2-1/2" x 2" x 3/16"	MED STL		
22	8	BOLT, 1/4"-20UNC 2A	STL (ZINC COAT)		L-3/4"
22	9	NUT, HEX, 1/4"-20UNC 2B	STL (ZINC COAT)		
22	10	WASHER, LOCK	STL (ZINC COAT)		

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 066**  
**OBA & OBA CANISTER STOWAGE LOCKER**  
**PAGE 2 OF 2**

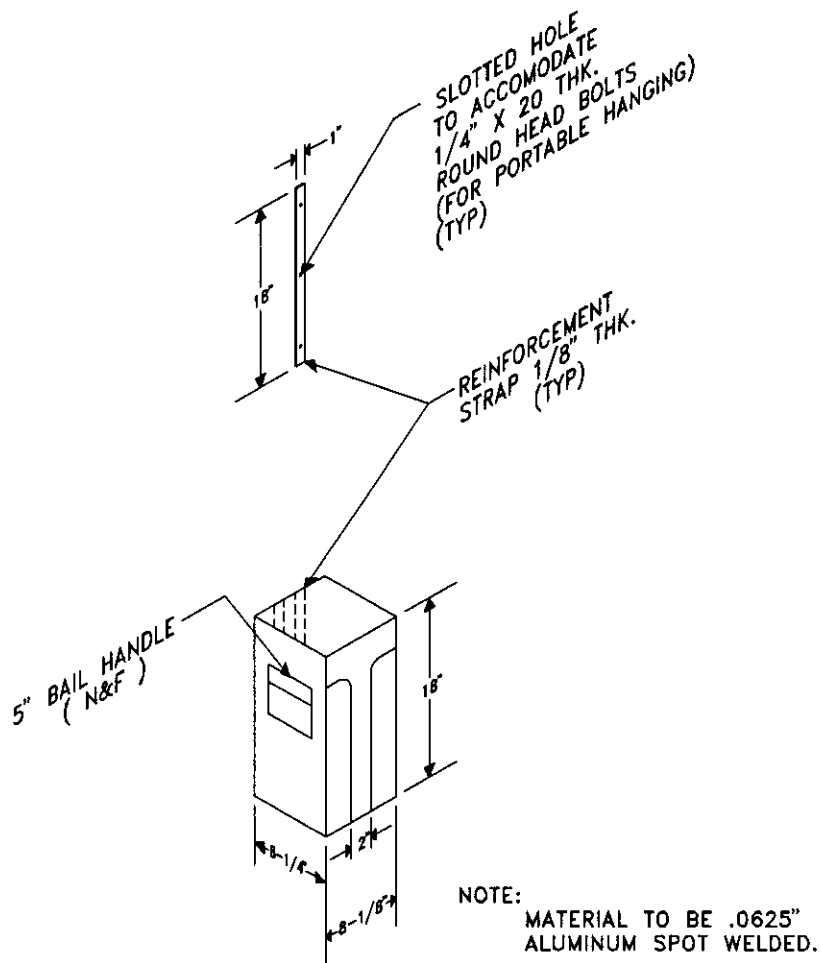


SIX UNIT OBA CANISTER  
STOWAGE RACK  
READY SERVICE, PORTABLE

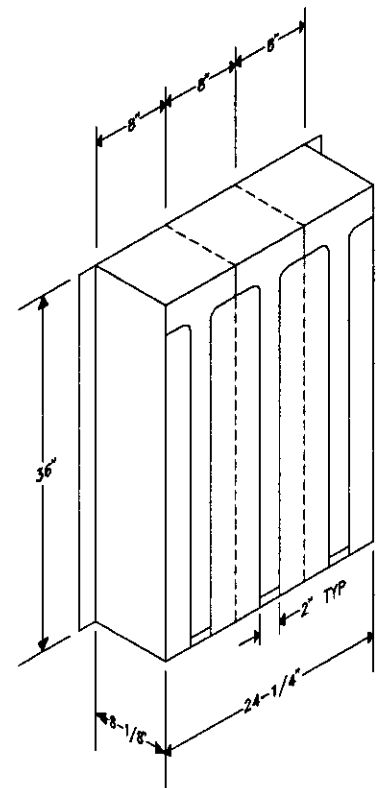
36 UNIT OBA CANISTER  
STOWAGE RACK  
READY SERVICE

NOTE:  
MATERIAL TO BE .0625"  
ALUMINUM SPOT WELDED.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 067**  
**OBA CANISTER STOWAGE (RACK)**  
**VERSION 1**

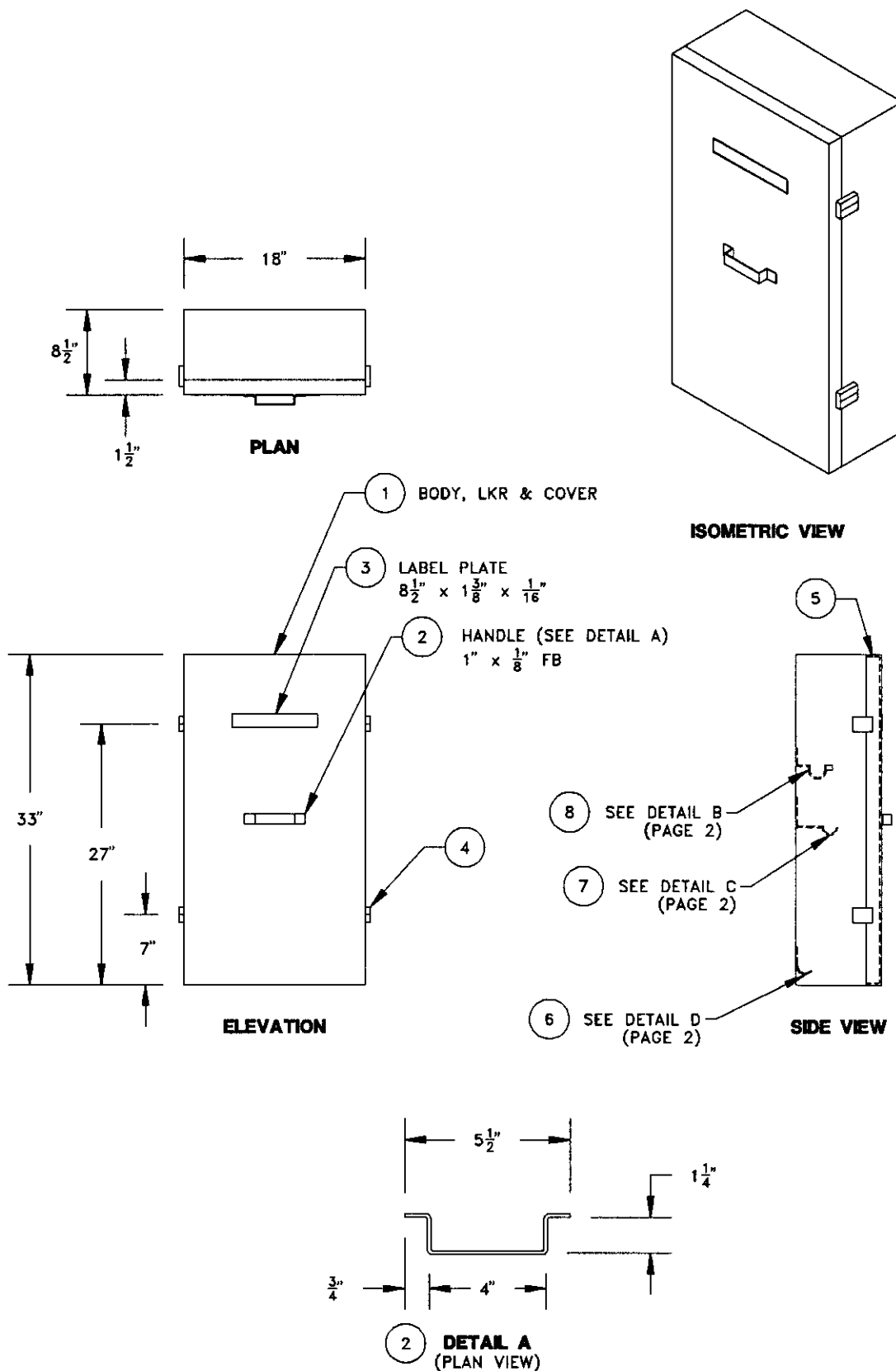


SIX UNIT OBA CANISTER  
STOWAGE RACK  
READY SERVICE, PORTABLE

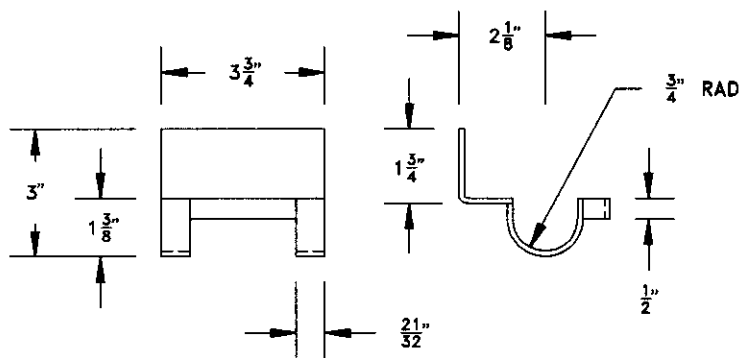


36 UNIT OBA CANISTER  
STOWAGE RACK  
READY SERVICE

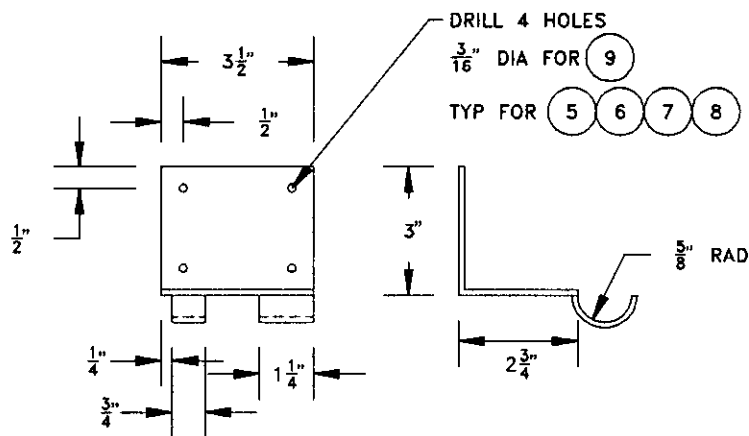
# **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 068** **OBA CANISTER STOWAGE (RACK)** **VERSION 2**



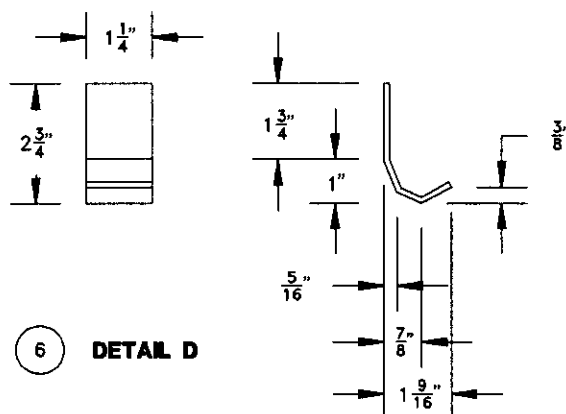
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 069**  
**OBA STOWAGE LOCKER, SINGLE UNIT**  
**(PAGE 1 OF 3)**



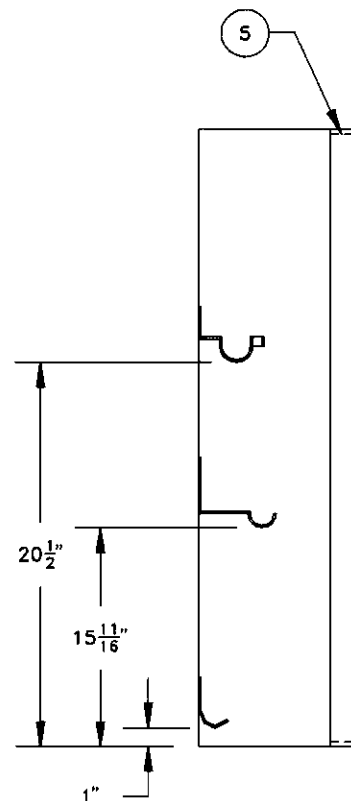
8 DETAIL B



7 DETAIL C



6 DETAIL D

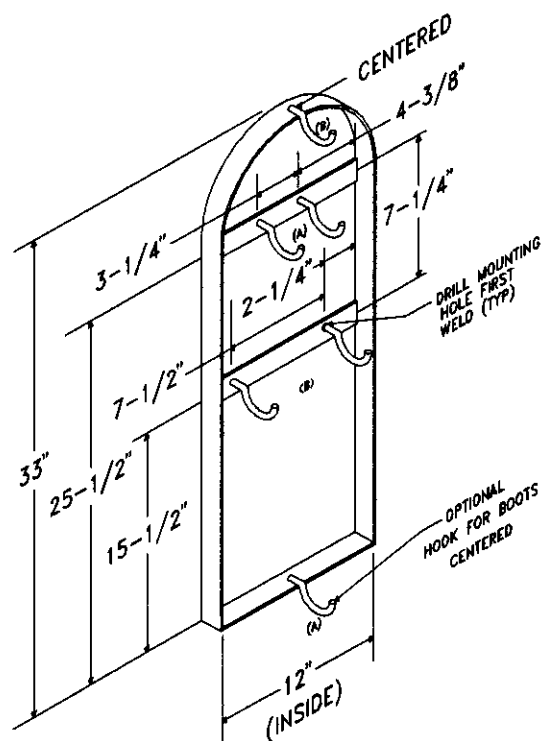


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 069**  
**OBA STOWAGE LOCKER, SINGLE UNIT**  
**(PAGE 2 OF 3)**



	ASSY	LIST OF MATERIAL			
QTY	PART NO.	NAME	MATERIAL	REFERENCES	REMARKS
2	1	BODY, LKR & COVER	AL ALY5052 H32 ASTM-B-209		.080" THK
2	2	HANDLE	AL ALY5052 H32 ASTM-B-209		.125" THK, 1" WIDE
1	3	PLATE, LABEL, .062	CRES-CL-304 QQ-S-766		POLISHED (1) SIDE
8	4	CATCH, DRAW PULL	STL ZINC PL		TO CORBIN 15824ZP
2	5	SHEET, RUBBER 1/16" THK	SYN RUBBER MIL-R-900		
2	6	BRACKET, SUPPORTING	AL ALY5052 H32 ASTM-B-209		.125" THK,
1	7	BRACKET, RETAINING	AL ALY5052 H32 ASTM-B-209		.125" THK
1	8	SUPPORT, MASK	AL ALY5052 H32 ASTM-B-209		.125" THK,
28	9	RIVET, BLIND DH 1/8" DIA.	AL ALY MIL-R-24243		6-A-606F

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 069**  
**OBA STOWAGE LOCKER, SINGLE UNIT**  
**(PAGE 3 OF 3)**



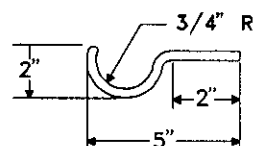
## MATERIAL

### FRAME:

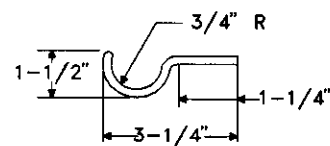
PLATE OR BAR STOCK  
3/16" x 1-1/2" ALUMINUM

### HOOKS:

3/8" DIAMETER  
ALUMINUM ROD  
SERIES 5062

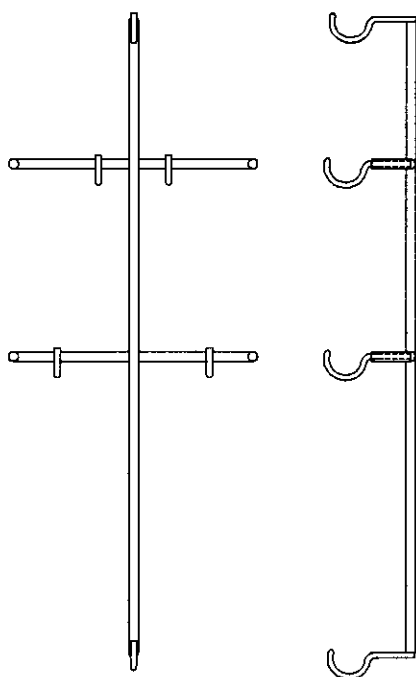


A (Qty 3)

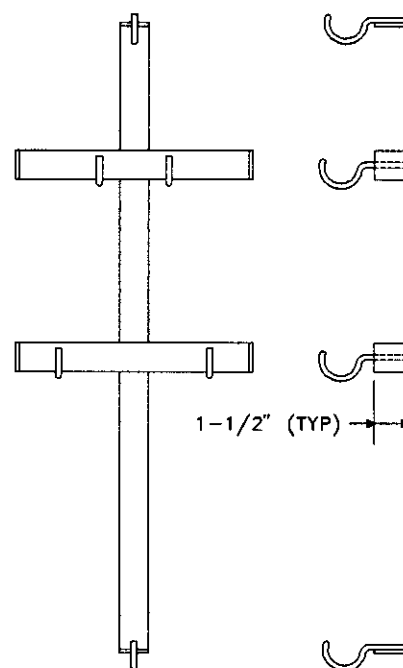


B (Qty 3)

## ALTERNATE METHODS



ALL BAR STOCK



ALL PLATE

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 070**

**OBA STOWAGE RACK  
VERSION 1**

## MATERIAL

### FRAME: Aluminum Flat Bar

1 ea 3/16" X 1-1/2" X 11-5/8"

1 ea 3/16" X 1-1/2" X 78-1/2"

2 ea 3/16" X 1" X 6"

### Aluminum Plate

1 ea 3/16" X 5-1/2" X 17-1/4"

1 ea 3/16" X 6" X 11-5/8"

### STRAP:

1 ea 1/8" X 3/4" X 13-1/2" rubber with 3/4" hook (each end)

2 ea 1/16" X 5/8" X 7-1/2" canvas straps with lock snap assembly

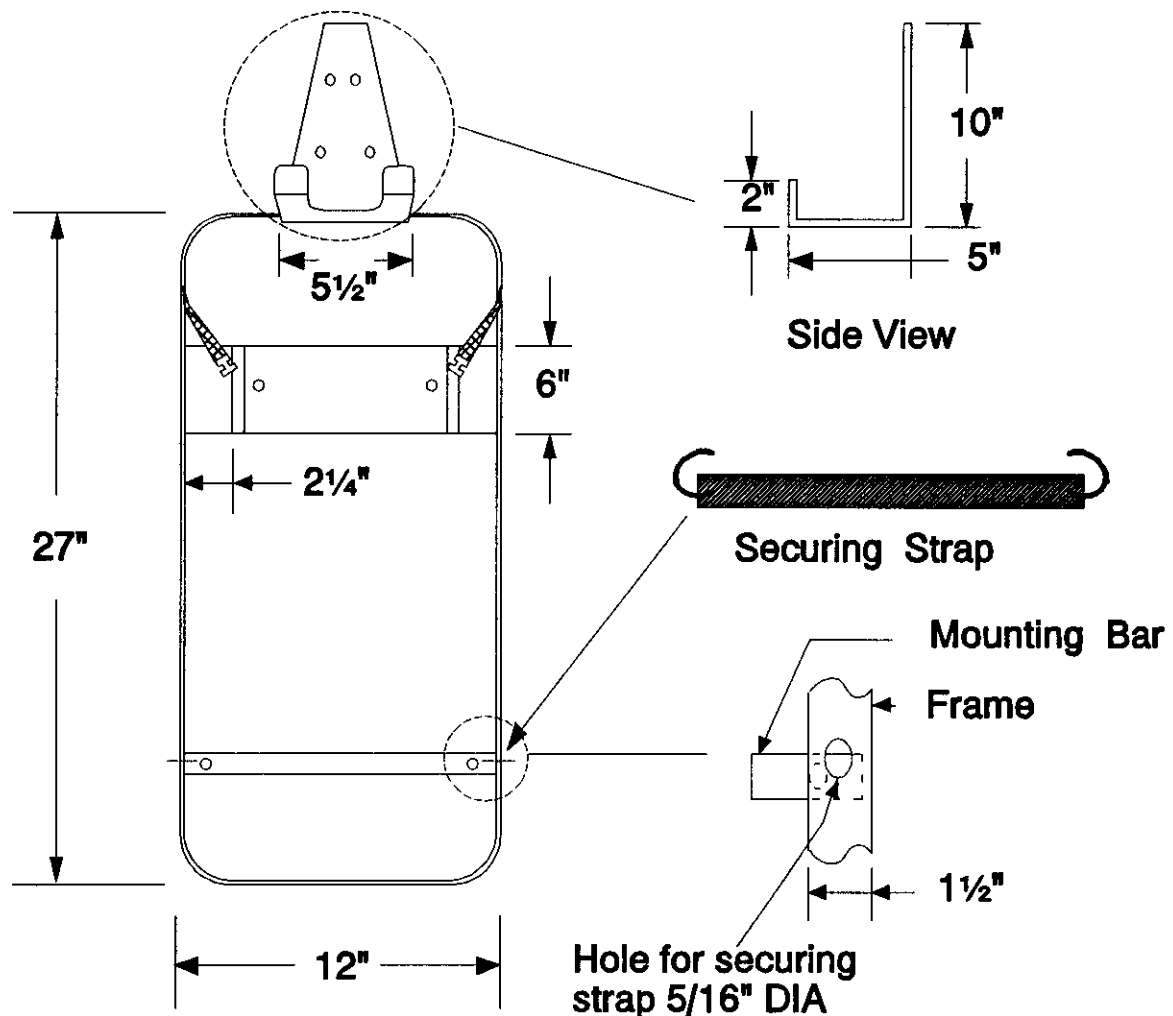
8 ea holes in mounting plate 5/16" DIA

For stowage of:

1 OBA

1 Cannister

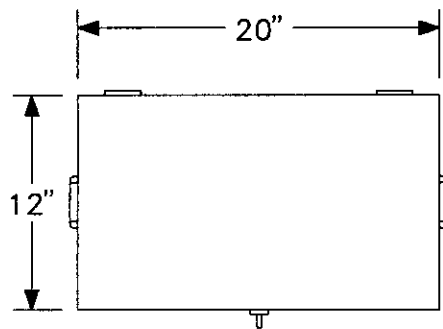
1 Set of anti-flash gear



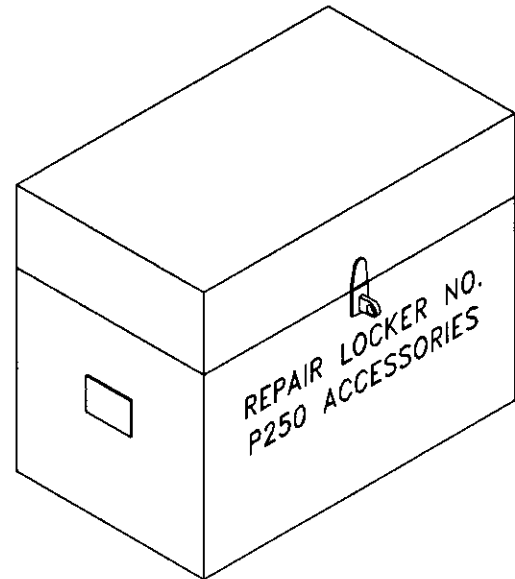
## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #071

### OBA STOWAGE RACK VERSION 2

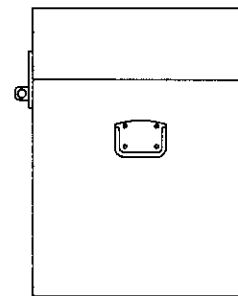
P250 ACCESSORIES EQUIPMENT LOCKER (PORTABLE)  
ALUMINUM OR STEEL



PLAN



ELEVATION



END VIEW

NOTES:

1. MATERIALS:

ALUMINUM - WHEN MADE IN ACCORDANCE WITH NAVSHIPS DWG. # 53702-921575, MODIFIED.

STEEL - WHEN IN ACCORDANCE WITH NAVSHIPS DWG. # 53702-860360, MODIFIED.

2. FINISH AS SPECIFIED.

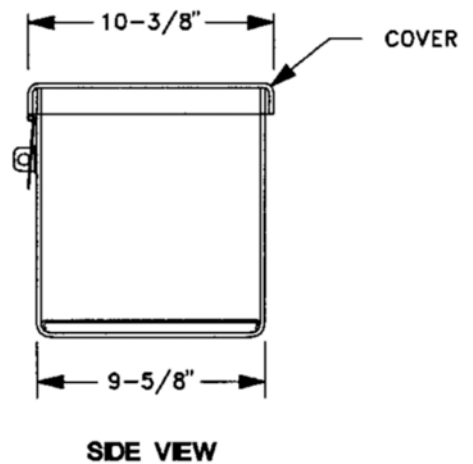
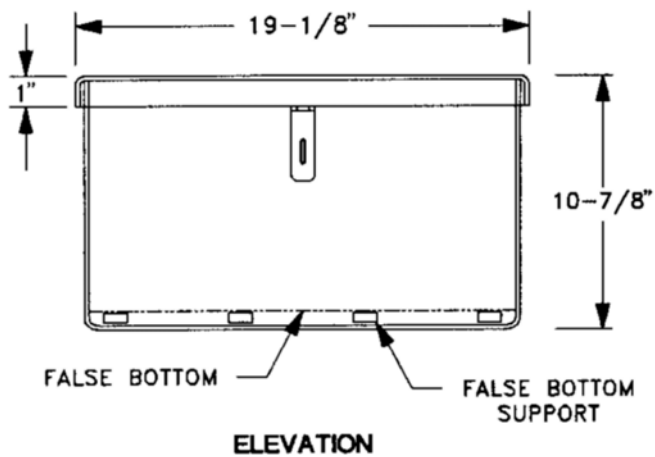
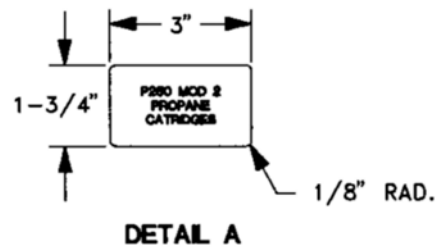
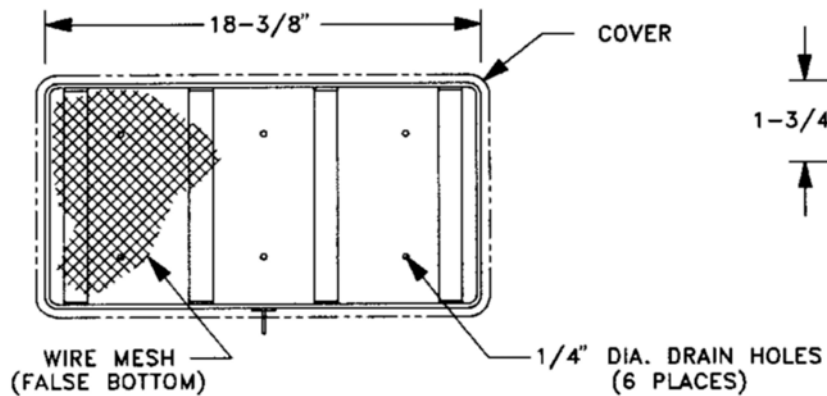
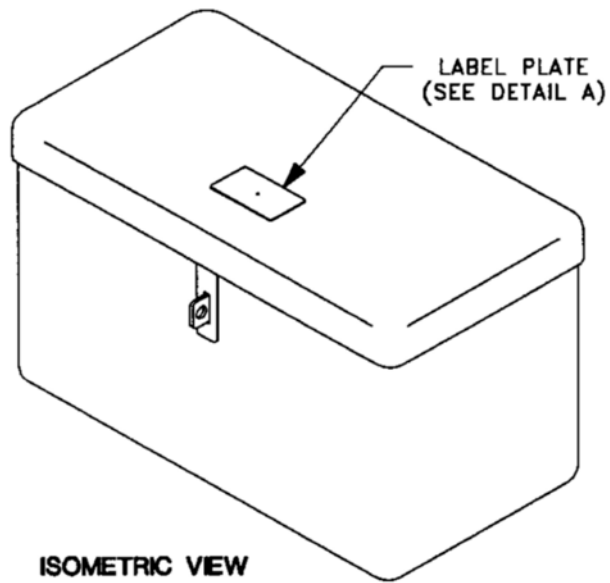
3. STENCIL REPAIR LOCKER NO.\_\_\_\_ AND P250 ACCESSORIES ON WHITE BACKGROUND 2" RED LETTERS.

4. INSTALL ON 6" FOUNDATION.

5. JAMESTOWN METAL DRAWING SK 358U.

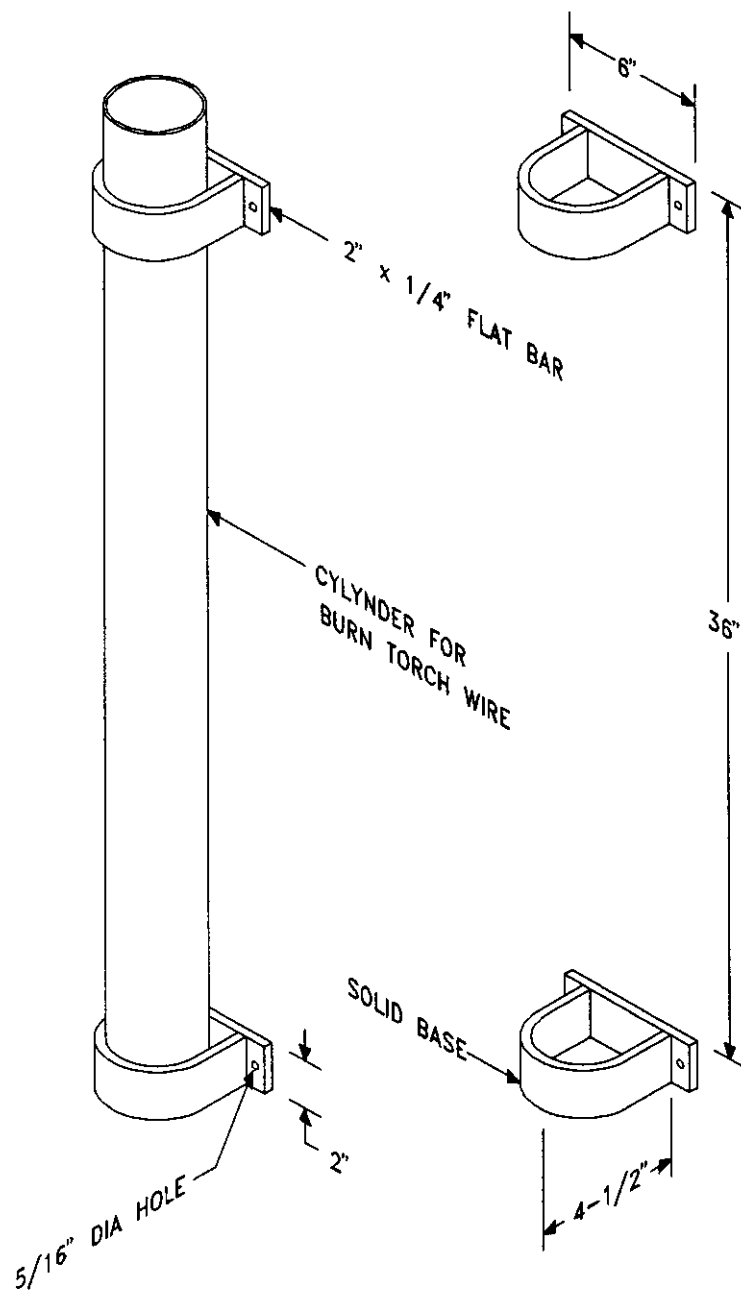
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 072**

**P250 EQUIPMENT ACCESSORY STOWAGE**



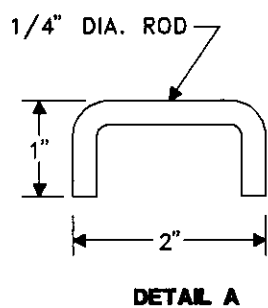
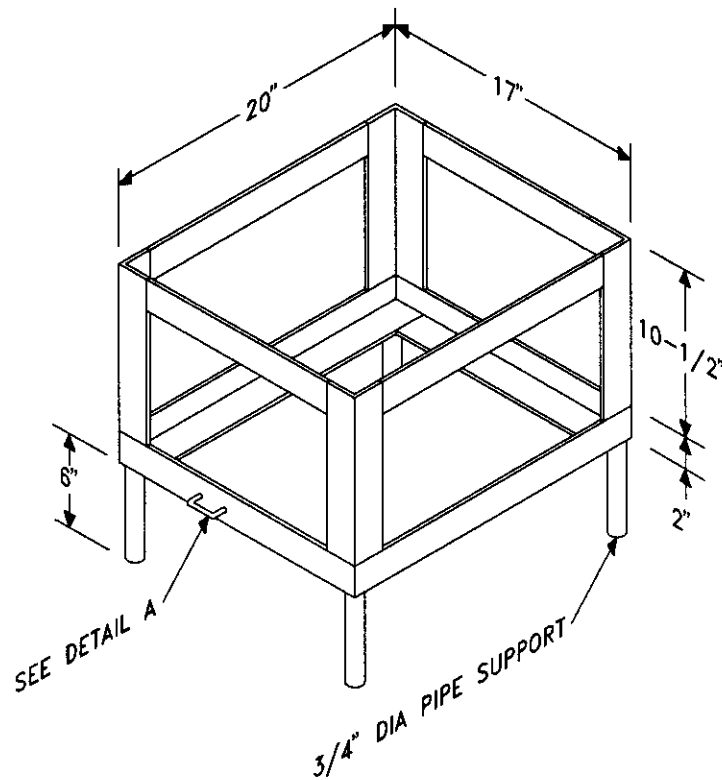
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 073**

**P-250 MOD 2 PROPANE CARTRIDGE STOWAGE**



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 074**

**PECU ROD STOWAGE**

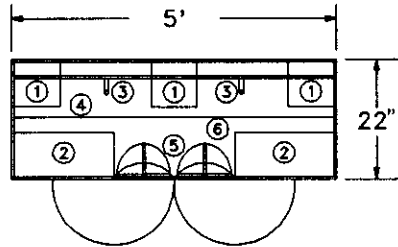


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 075**

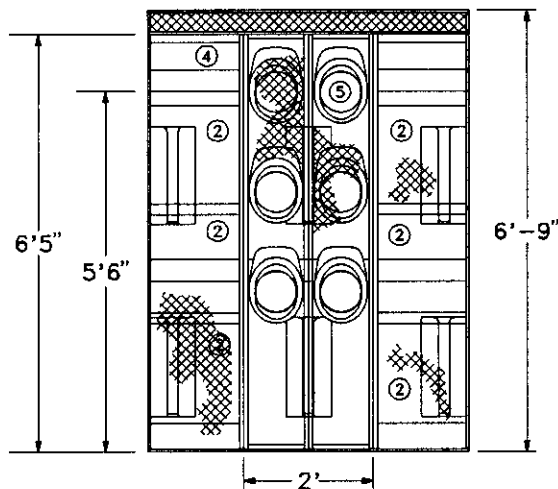
**PECU STOWAGE BRACKET FOUNDATION**

[BUILT-IN CAGE USING EXISTING STRUCTURE]

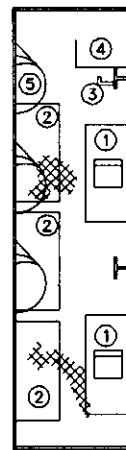
- ① OBA CANISTERS READY SERVICE STOWAGE RACK PORTABLE (6 EACH)
- ② SPACE FOR OBA or FFBA STOWAGE RACK (6 EACH)
- ③ FFE SUIT (HANGING STOWAGE HOOK) (2 EACH)
- ④ OPTIONAL SHELF FOR STOWAGE OF GAS MASK & LIFE-JACKETS (6 EACH)
- ⑤ FIREMEN'S HELMETS MK1 MOD2 (6 EACH)
- ⑥ BOOTS (FIREMEN'S) TO SIT ON DECK (6 PAIR)



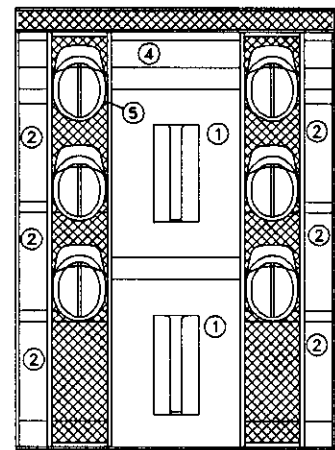
PLAN



ELEVATION  
(DOORS CLOSED)



SECTION



ELEVATION  
(DOORS OPEN)

NOTES:

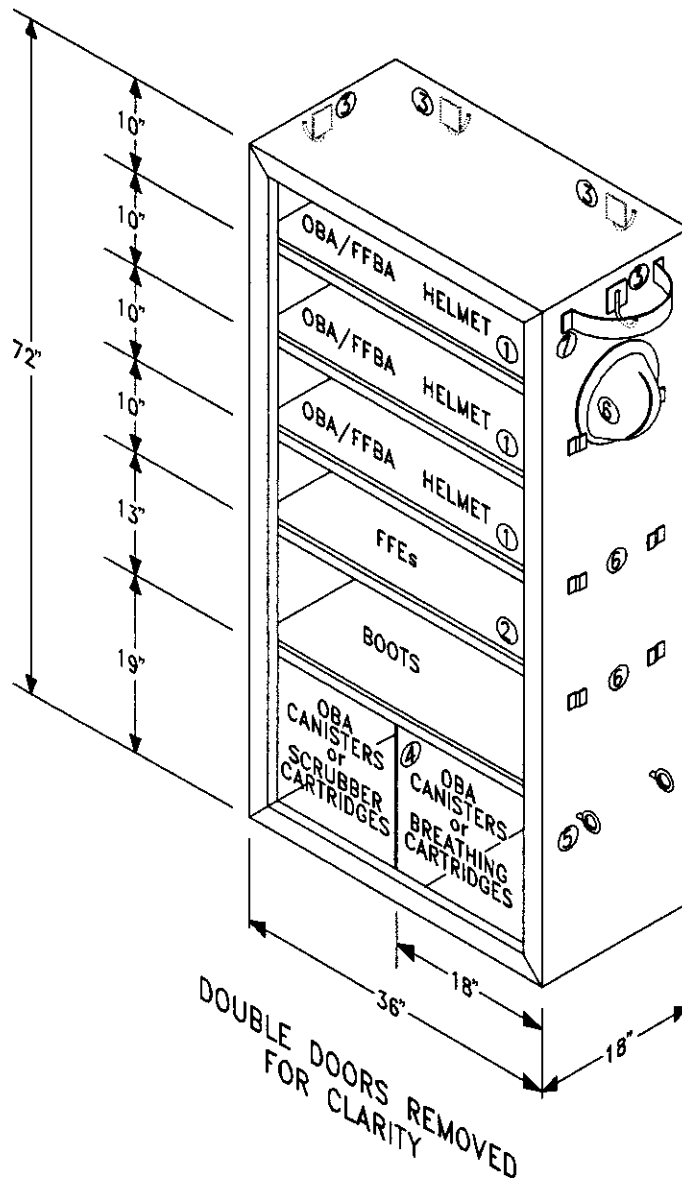
1. ANTI-FLASH GEAR TO BE STOWED IN FIREMEN'S HELMET.
2. GLOVES (FIREMEN) TO BE STOWED IN FFE SUIT POCKETS.
3. DOORS TO BE SECURED WITH (2) 2-1/2" BARREL BOLTS, 18" FROM TOP/BOTTOM OF DOOR.
4. CAGE TO BE CONSTRUCTED BY 3/8" EXPANDED METAL STEEL
5. ALL FRAMING MATERIALS ARE 1-1/2" ANGLE STEEL.
6. DOOR HINGES ARE 3" STRAP HINGE.
7. (2) 5/8" EYE HOOKS SHALL BE INSTALLED ON OUTSIDE EDGE TOP OF THE DOOR FRAME TO SECURE DOOR IN OPEN POSITION.
8. (2) 5/8" EYES TO SECURE BUNGI CORD INSTALLED 1' ABOVE THE DECK, 14" APART DIRECTLY BELOW HANGER HOOKS.
9. INSTALL BUTTERFLY CLIPS IAW NAVSEA SKETCH NO. DC 0003 TO MOUNT HELMETS.
10. INSTALL OBA RACKS IAW NAVSEA SKETCH NO. DC 0011.
11. FABRICATE AND INSTALL PORTABLE CANISTER RACK IAW NAVSEA SKETCH NO. DC 0004.
12. HANGING HOOK TO BE FABRICATED FROM 5/8" ROUND STOCK - STEEL BY 6" LONG.
13. FABRICATE 4" X 4" X 1/8" STEEL BACKING PLATE, WELD TO EXPANDED METAL GAGE TO MOUNT OBA CANISTER RACK WITH 1/4" X 20 THD R/H SCREWS.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 076**

**PERSONNEL PROTECTION EQUIPMENT STOWAGE (BUILT IN CAGE)**



PERSONNEL PROTECTION EQUIPMENT (PPE) LOCKER  
OPTIONAL: (3 OBAS/FFBAS)



- ① (OPTIONAL) ONE EACH READY SERVICE BREATHING CARTRIDGE AND CO<sub>2</sub> SCRUBBER
- ② (OPTIONAL) STOWAGE COVERALLS/FFE SUITS
- ③ (OPTIONAL) HANGER HOOK TO HANG FFE SUIT OR BUTTERFLY CLIPS FOR HELMETS [1 SQFT PER HELMET]
- ④ REMOVABLE PARTITION
- ⑤ BUNGI CORD EYE HOOK TO SECURE FFE SUIT
- ⑥ FF HELMET
- ⑦ EYE PROTECTION SHIELD

PPE LOCKER

3 - FFE  
3 - OBA/FFBA  
36 - OBA CANISTERS  
or

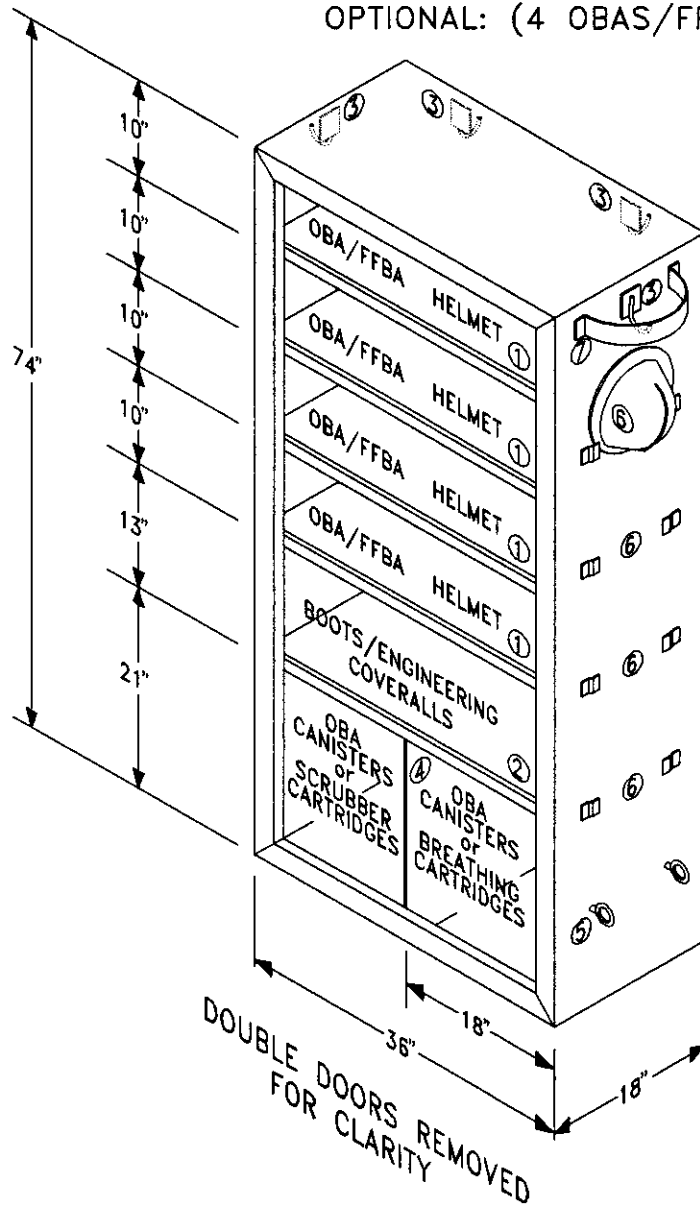
18 - BREATHING CARTRIDGES (6/FFBA)  
18 - SCRUBBER CARTRIDGES (6/FFBA)

SHELVES ARRANGED AS SHOWN.  
ALL OTHER REQUIREMENTS OF  
DWG 803-54824286.  
ASSEMBLY 104 APPLY.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 077**  
**PERSONNEL PROTECTION EQUIPMENT STOWAGE (3 FFE)**  
**VERSION 1**

# PERSONNEL PROTECTION EQUIPMENT (PPE) LOCKER

OPTIONAL: (4 OBAS/FFBAS)



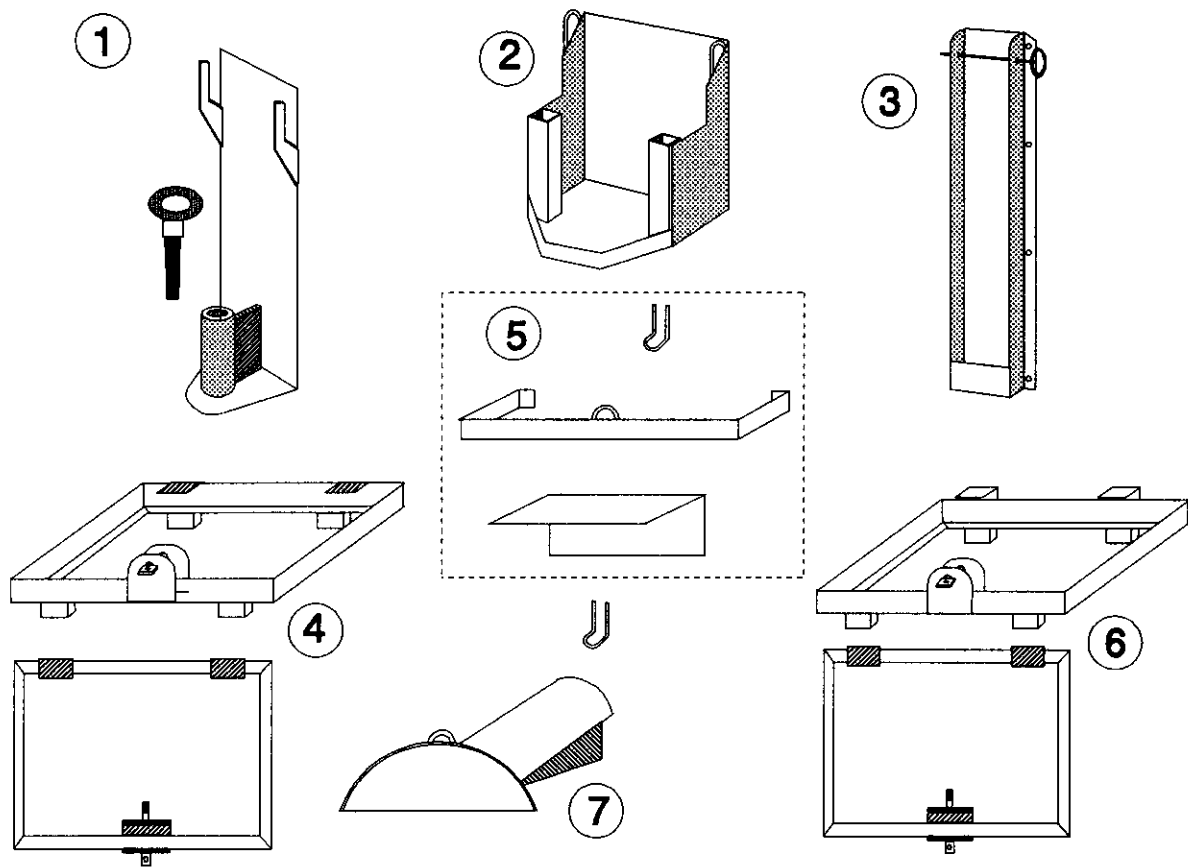
- ① (OPTIONAL) ONE EACH READY SERVICE BREATHING CARTRIDGE AND CO<sub>2</sub> SCRUBBER
- ② (OPTIONAL) STOWAGE COVERALLS/FFE SUITS
- ③ (OPTIONAL) HANGER HOOK TO HANG FFE SUIT OR BUTTERFLY CLIPS FOR HELMETS [1 SQFT PER HELMET]
- ④ REMOVABLE PARTITION
- ⑤ BUNGI CORD EYE HOOK TO SECURE FFE SUIT
- ⑥ FF HELMET
- ⑦ EYE PROTECTION SHIELD

## PPE LOCKER

- 4 - OBA/FFBA
- 4 - PAIR BOOTS
- 4 - SETS COVERALLS
- 4 - FIREFIGHTING HELMETS
- 36 - OBA CANISTERS
- or
- 24 - BREATHING CARTRIDGES (6/FFBA)
- 24 - SCRUBBER CARTRIDGES (6/FFBA)

SHELVES ARRANGED AS SHOWN.  
ALL OTHER REQUIREMENTS OF  
DWG 803-54824286.  
ASSEMBLY 104 APPLY.

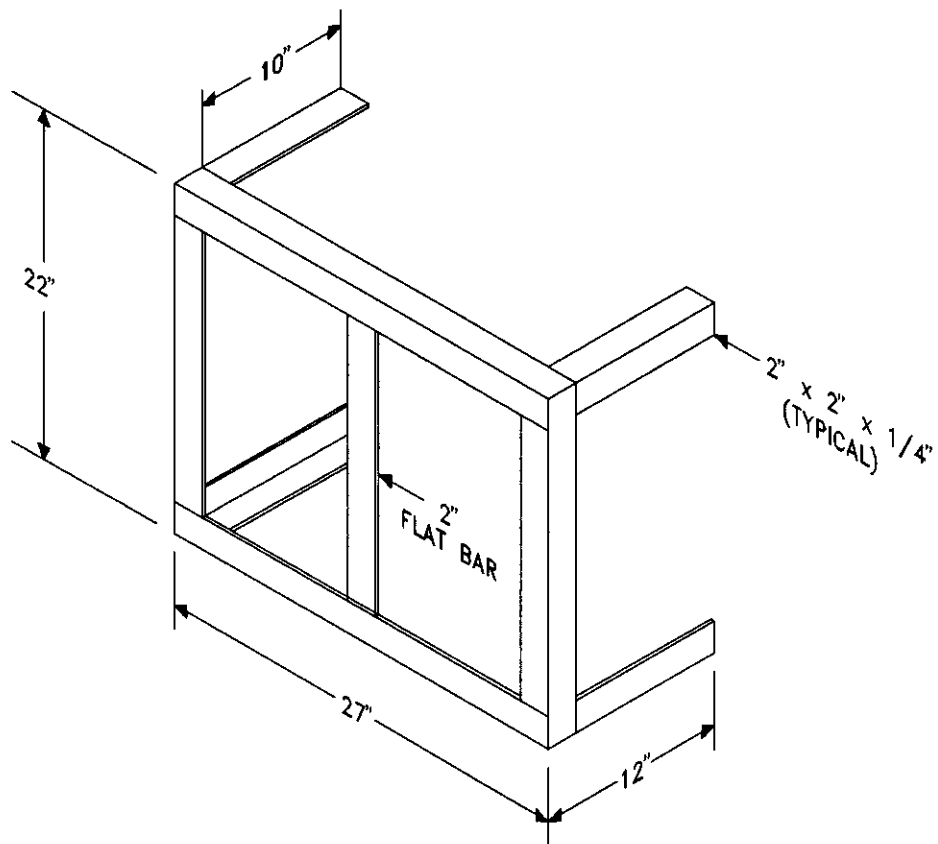
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 078**  
**PERSONNEL PROTECTION EQUIPMENT STOWAGE (4 FFE)**  
**VERSION 2**



Bracket Description	Manufacturer	Dimensions
1. Model 150/Omni	For Hurst Tool	17¾"H x 5½"W x 5"D
2. Model 27 Bracket	For Hurst Tool	31"H x 13½"W x 7¾"D
3. Model 30 Ram	For Hurst Tool	24"H x 5½"W x 3¾"D
4. Engine Mounting Bracket -	Ship's Force	2½"H x 20"W x 20"D
5. Attachment Case Bracket - - Wrap around bracket - Support bracket - Tie down hook	Ship's Force	1"H x 16"W x 4"D 2"H x 4"W x 4"D
6. Hose Reel Bracket -	Ship's Force	2½"H x 16½"W x 16½"D
7. Hose Bracket -	Ship's Force	10"H x 14"W x 12"D

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #079

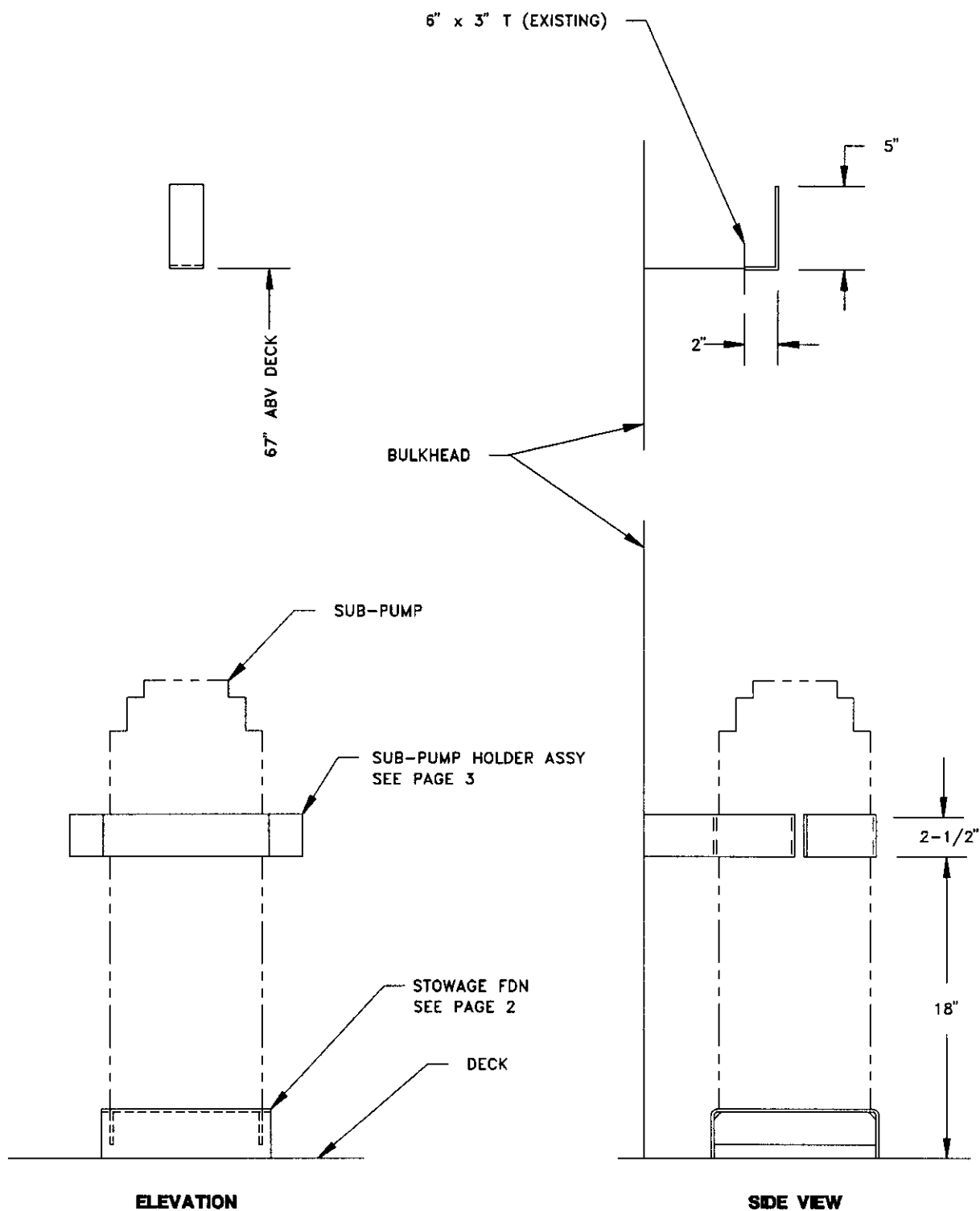
### PHARS STOWAGE BRACKETS



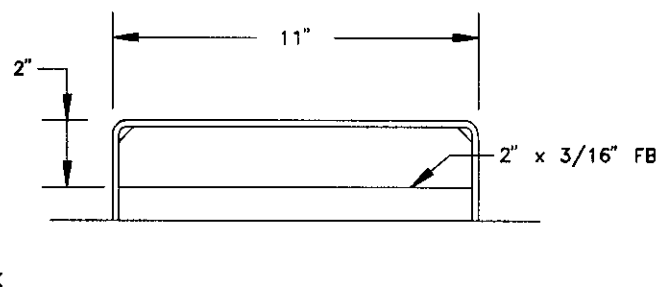
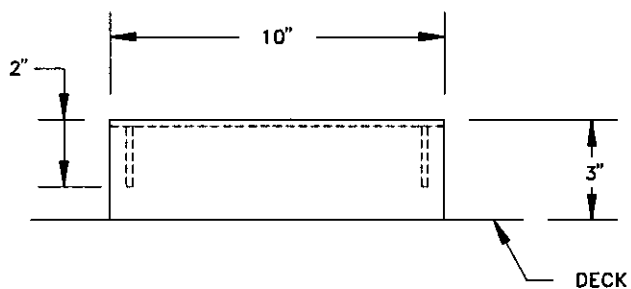
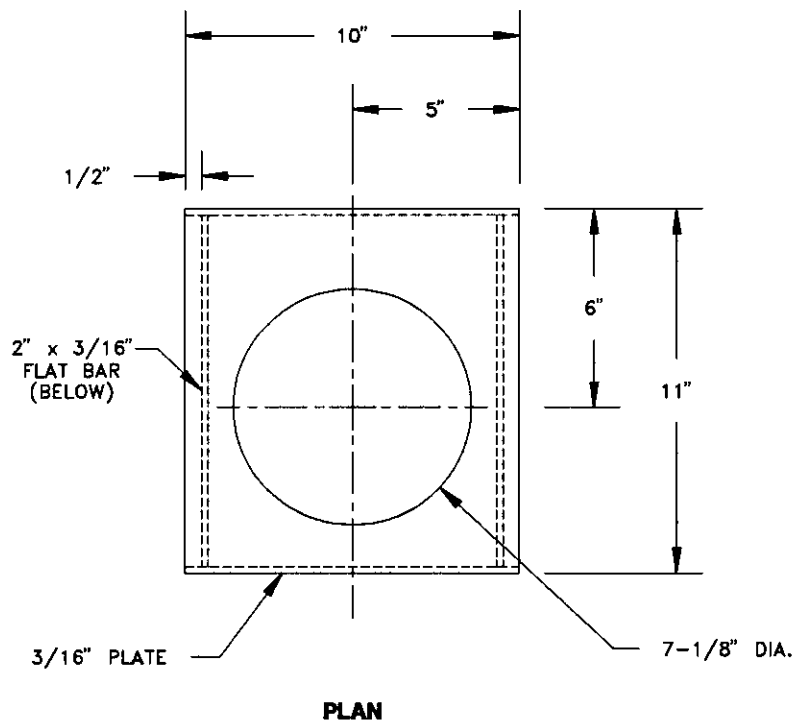
**PLATE PATCH STOWAGE  
(BHD MOUNTED)**

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 080**

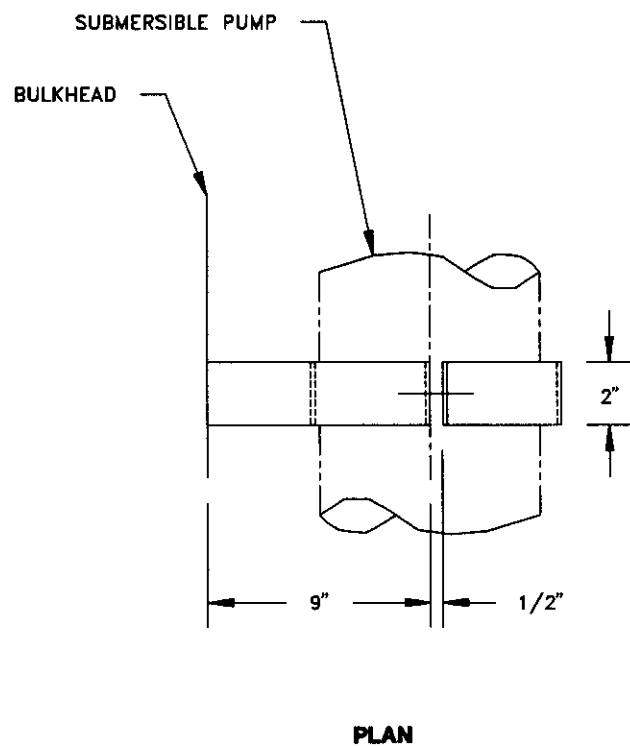
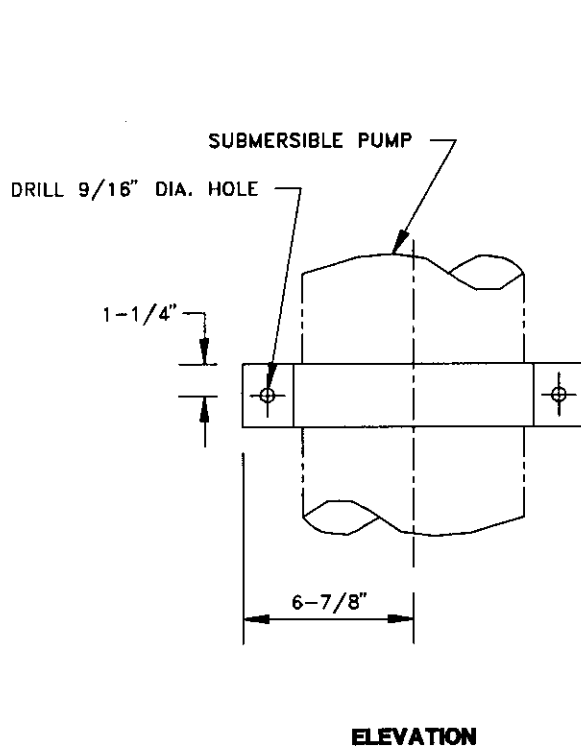
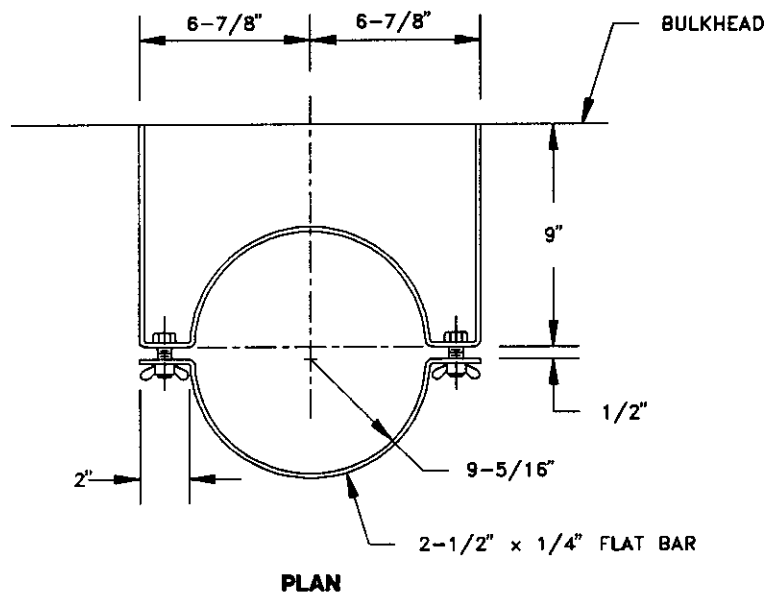
**PLATE PATCH STOWAGE RACK**



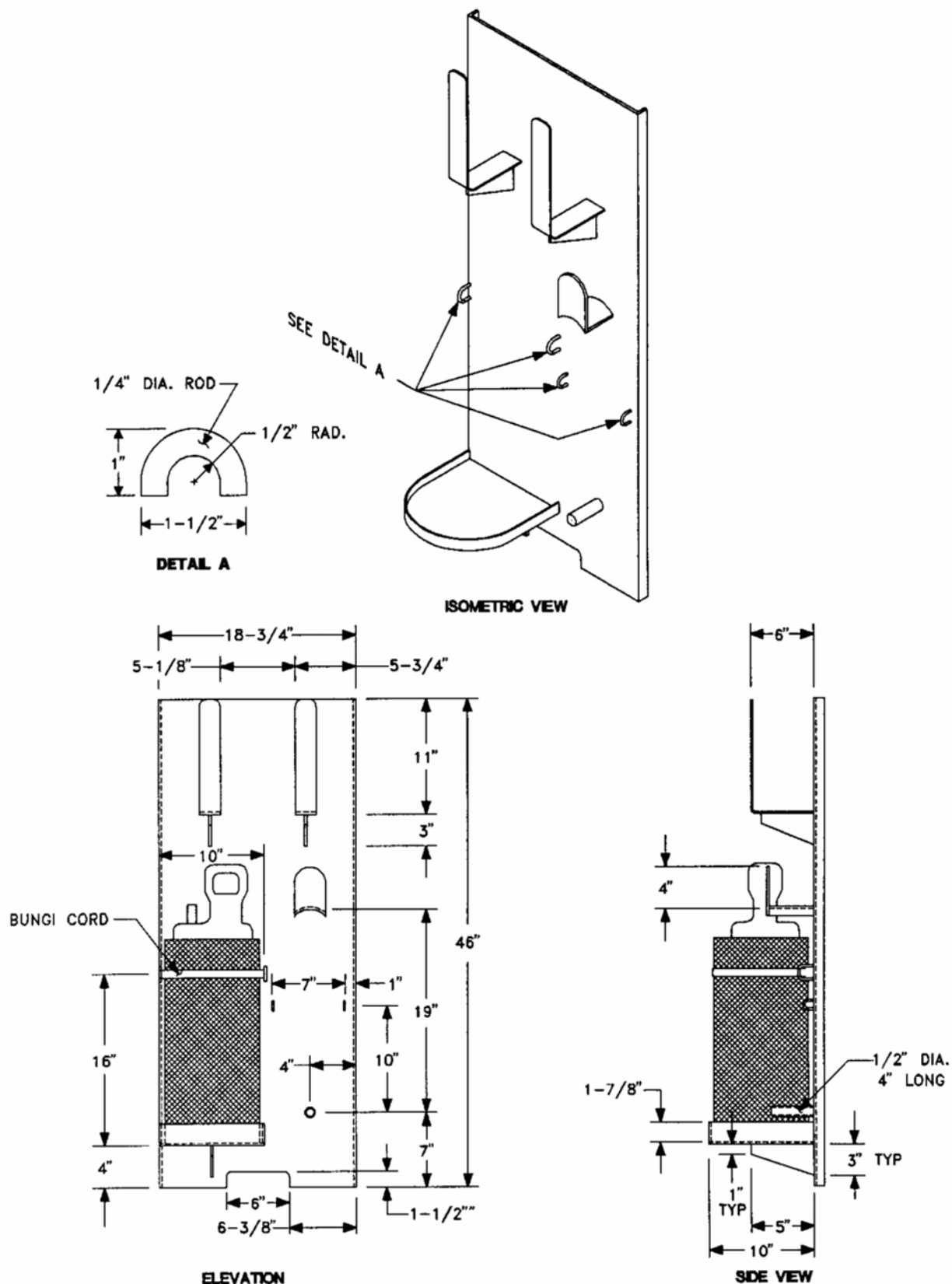
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 081**  
**PORTABLE SUB-PUMP STOWAGE**  
**(PAGE 1 OF 3)**



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 081**  
**PORTABLE SUB-PUMP (FOUNDATION) STOWAGE**  
**(PAGE 2 OF 3)**

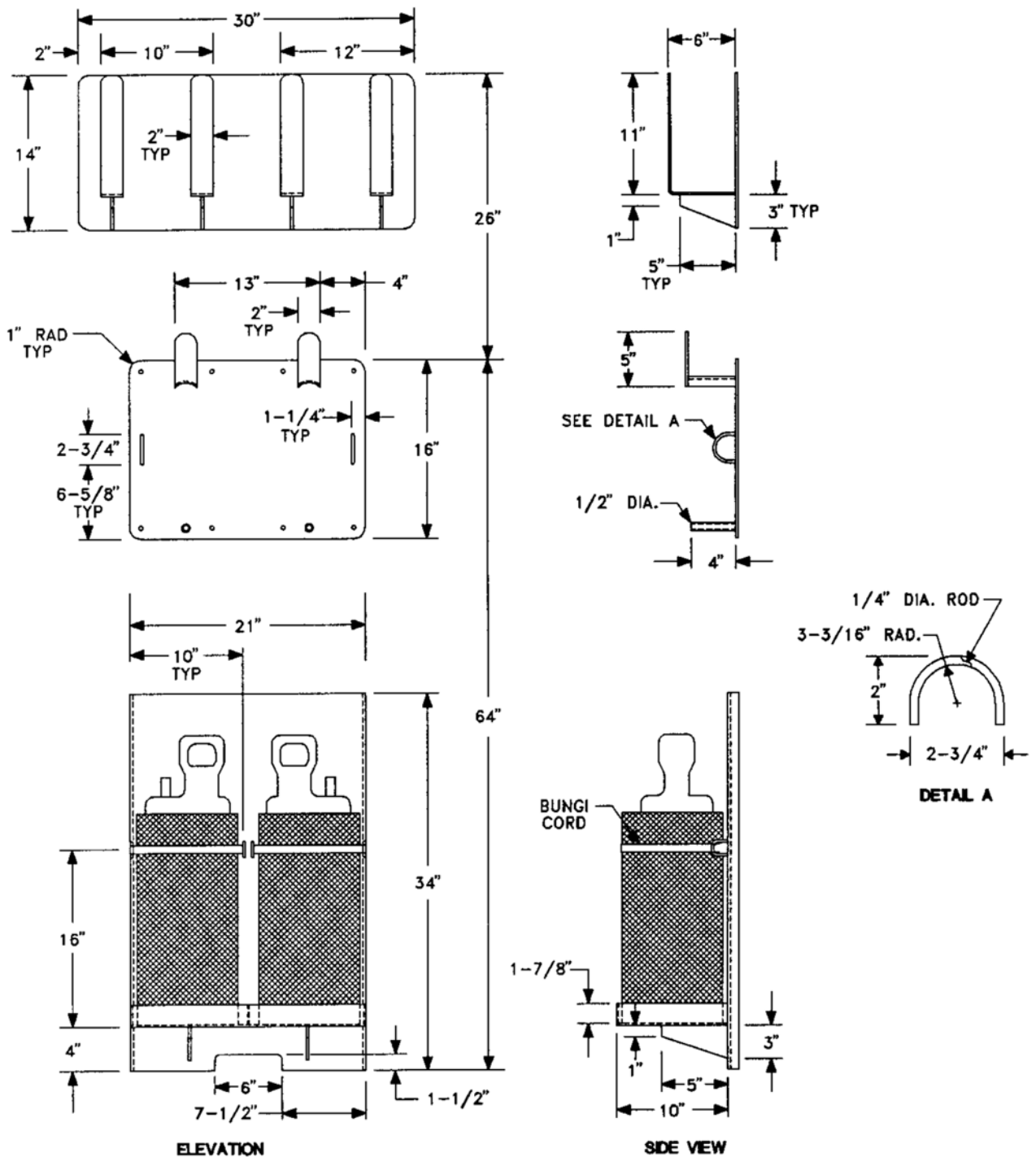


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 081**  
**PORTABLE SUB-PUMP (HOLDER ASSEMBLY) STOWAGE**  
**(PAGE 3 OF 3)**

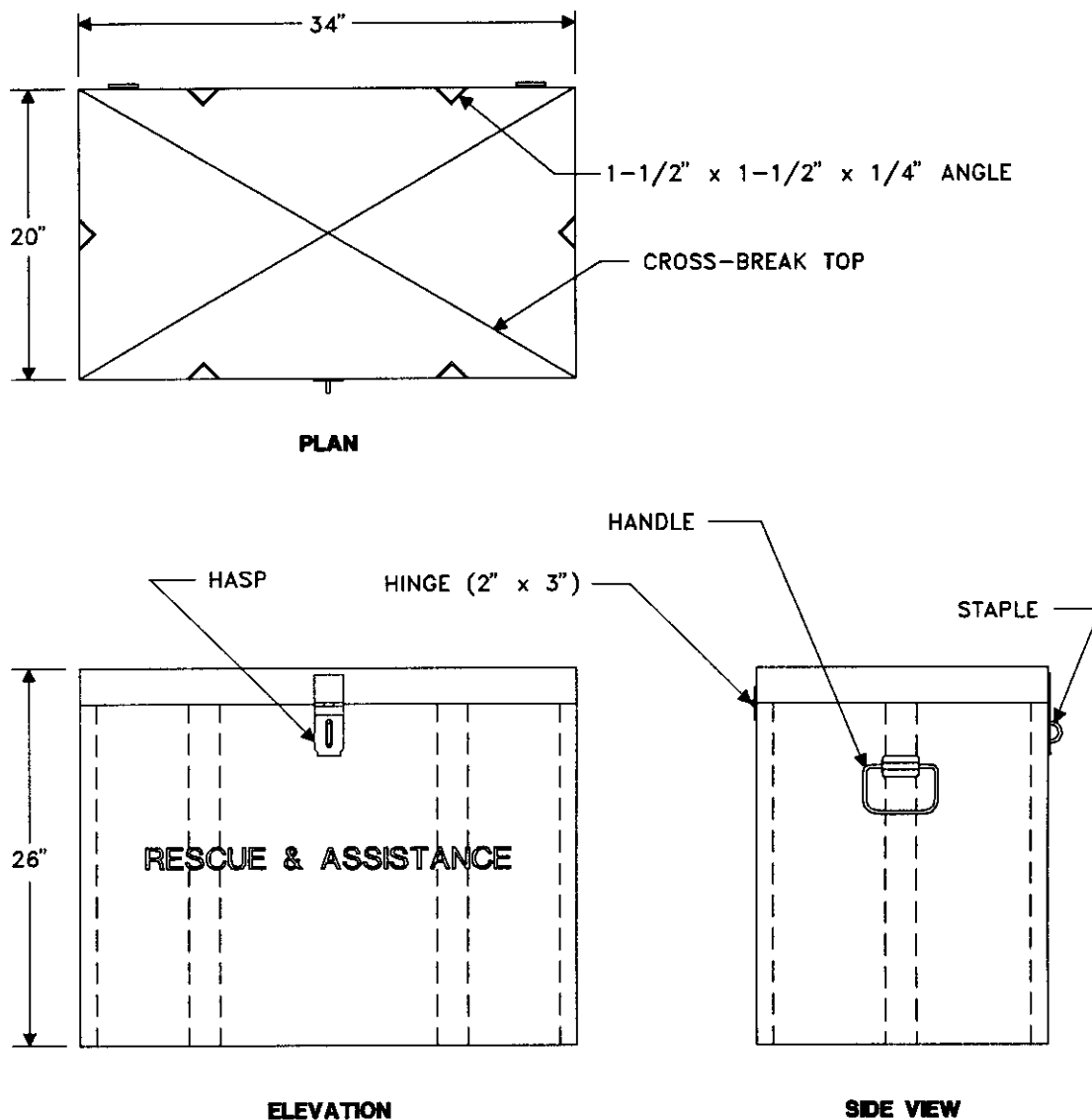


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #081A**  
**PORTABLE SUB-PUMP STOWAGE**  
**SINGLE UNIT**





**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #081B**  
**PORTABLE SUB-PUMP STOWAGE**  
**DOUBLE UNIT**



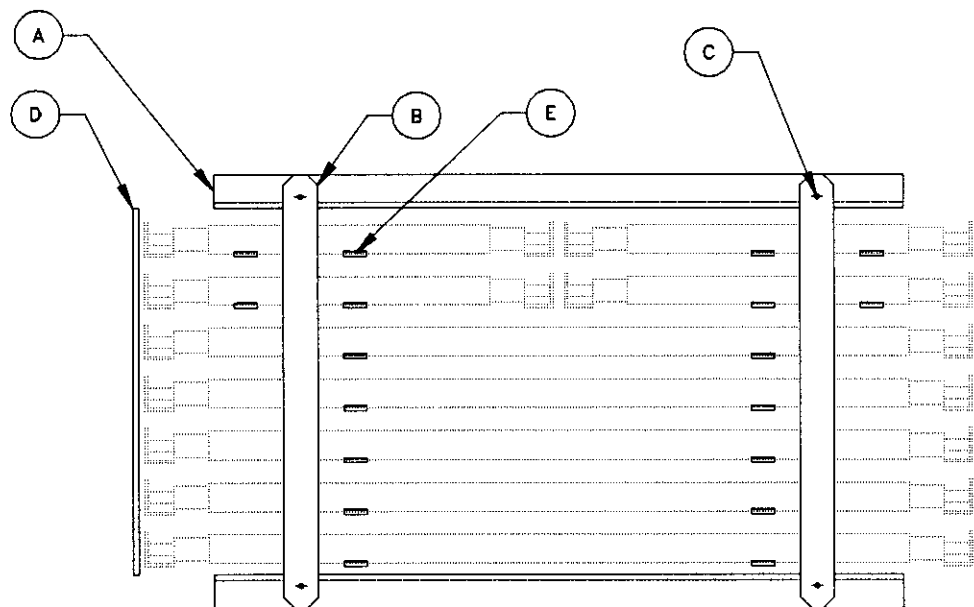
**NOTES:**

1. CHEST TO BE FABRICATED TO MEET WATERTIGHT INTEGRITY.
2. THIS CHEST IS TO BE PAINTED STRIPPING ENAMEL RED  
COLOR NO. 11105 FED STD 595 MIL-SPEC TT-E-489.
3. "RESCUE & ASSISTANCE" TO BE STENCILED 1-1/2" LETTERS  
WITH WHITE PAINT.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 082**

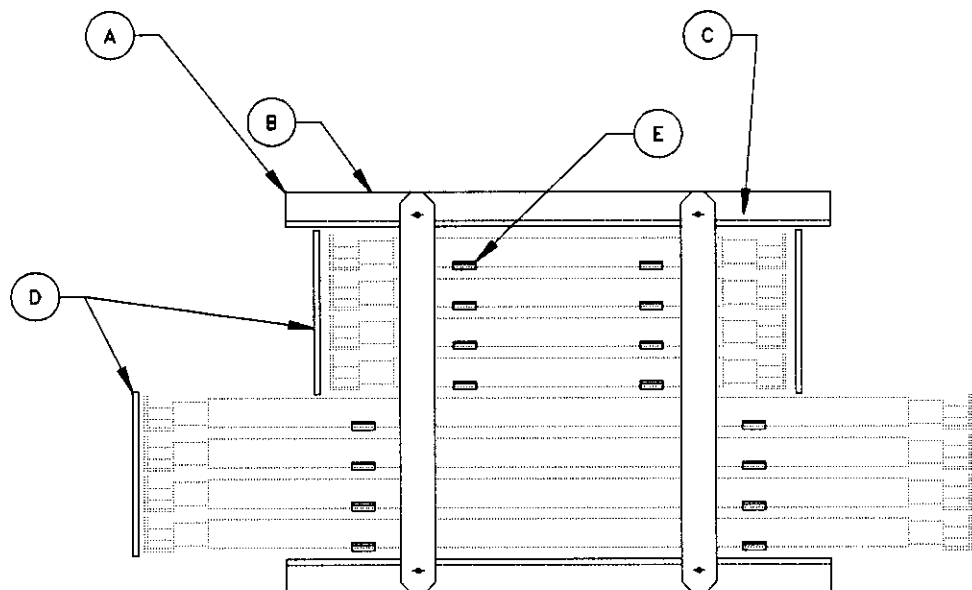
**RESCUE AND ASSISTANCE CHEST**

- (A) 60" x 3" x 3" x 1/2" ANGLE
- (B) 32" x 3" x 1/2" FLAT STOCK  
(DRILL 13/32" DIA ON ENDS)
- (C) 1/2" x 3/8" BOLTS WITH WING NUTS
- (D) 38" x 3" x 1/4" FLAT STOCK
- (E) 2" x 4-3/4" x 1/4" CLIPS FOR SUPPORT



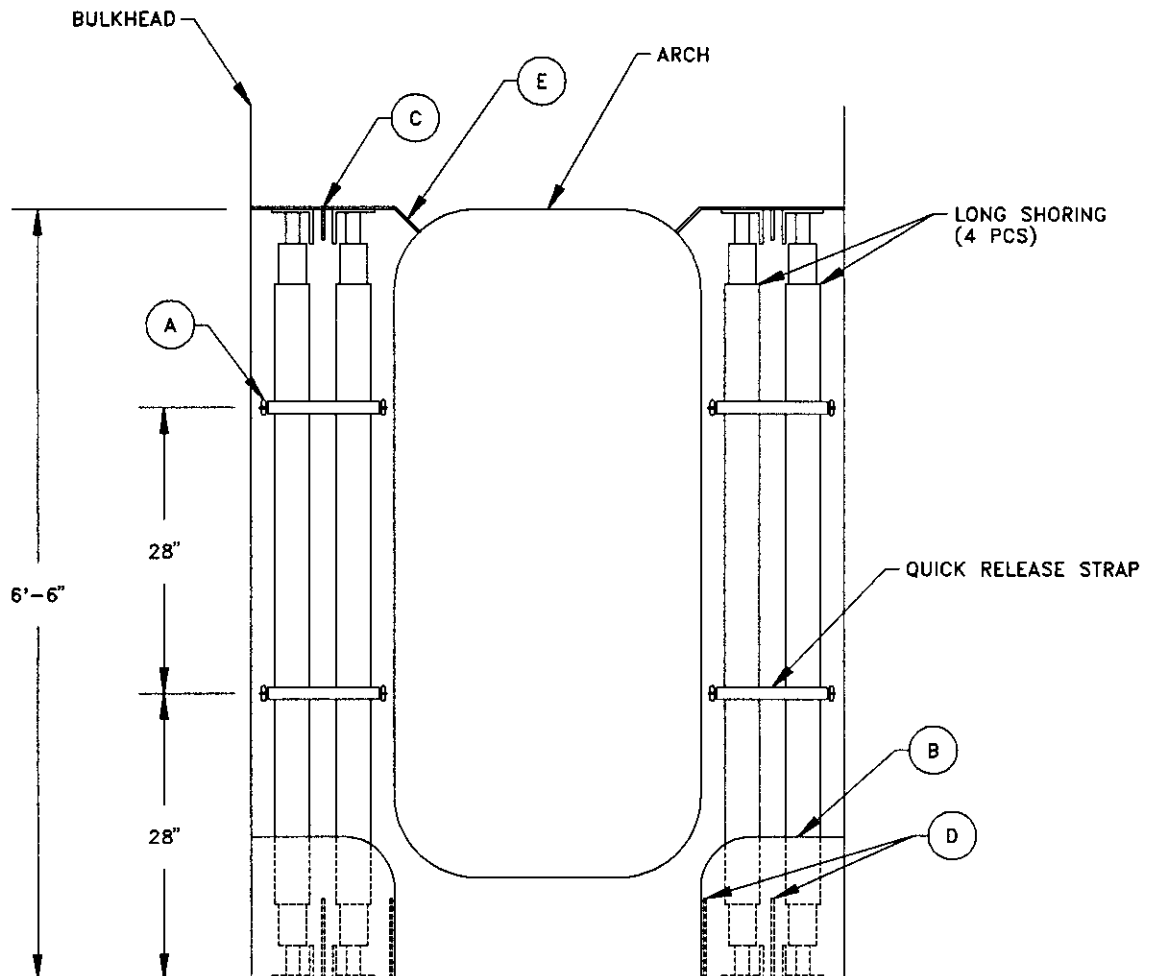
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 083**  
**SHORING METAL STORAGE RACK (HORIZONTAL)**  
**VERSION 1**

- (A) 47-1/2" x 3" x 3" x 1/2" ANGLE
- (B) 35" x 3" x 1/2" FLAT STOCK  
(DRILL 13/32" DIA ON ENDS)
- (C) 1/2" x 3/8" BOLTS WITH WING NUTS
- (D) 15" x 3" x 1/4" FLAT STOCK
- (E) 2" x 4-3/4" x 1/4" CLIPS FOR SUPPORT

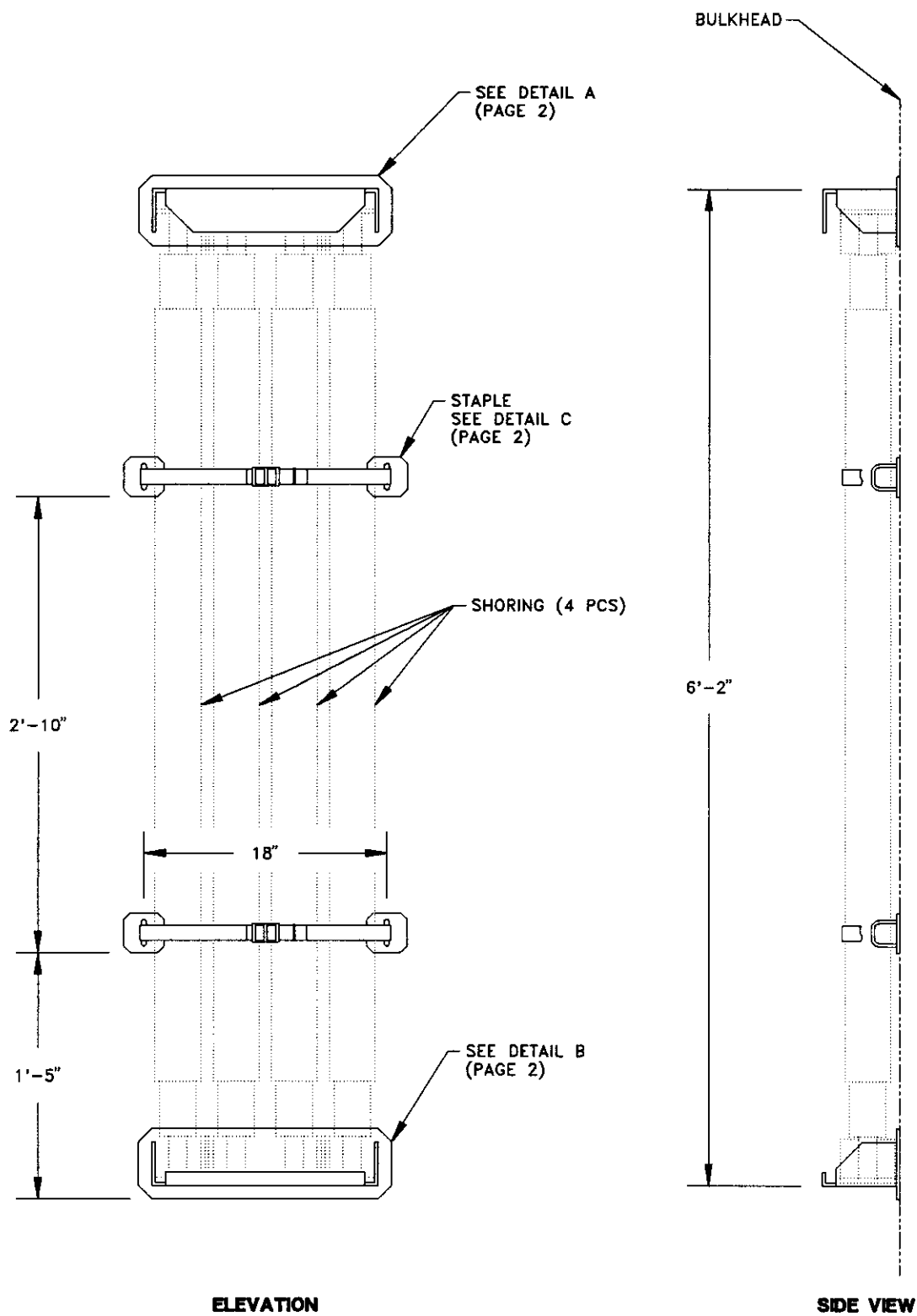


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 084**  
**SHORING METAL STORAGE RACK (HORIZONTAL)**  
**VERSION 2**

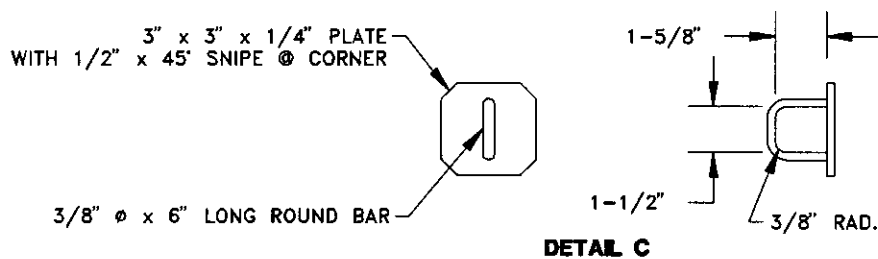
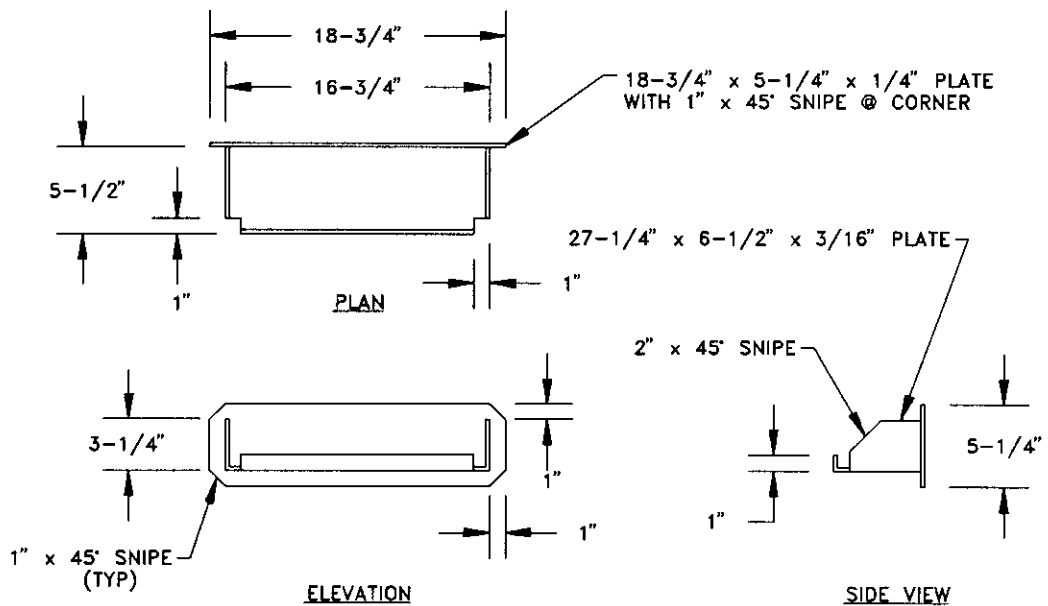
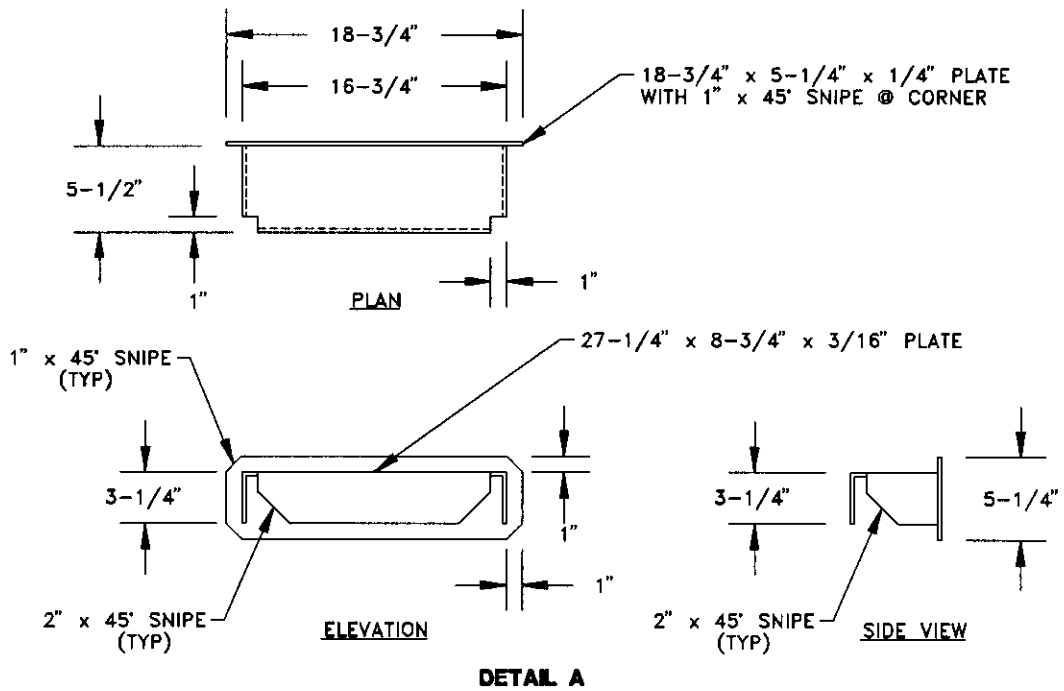
- (A) ROUND BAR, 3/8" DIA., 6" LONG STEEL, 8 EACH.
- (B) PLATE, 1/4" x 12" x 12" WITH 3" RAD CORNER, STEEL 2 EACH.
- (C) PLATE, 1/4" x 10" x 5" STEEL, 2 EACH.
- (D) PLATE, 1/4" x 5' x 8" STEEL, 4 EACH.
- (E) PLATE, 1/4" x 3" x 5" STEEL, 2 EACH.



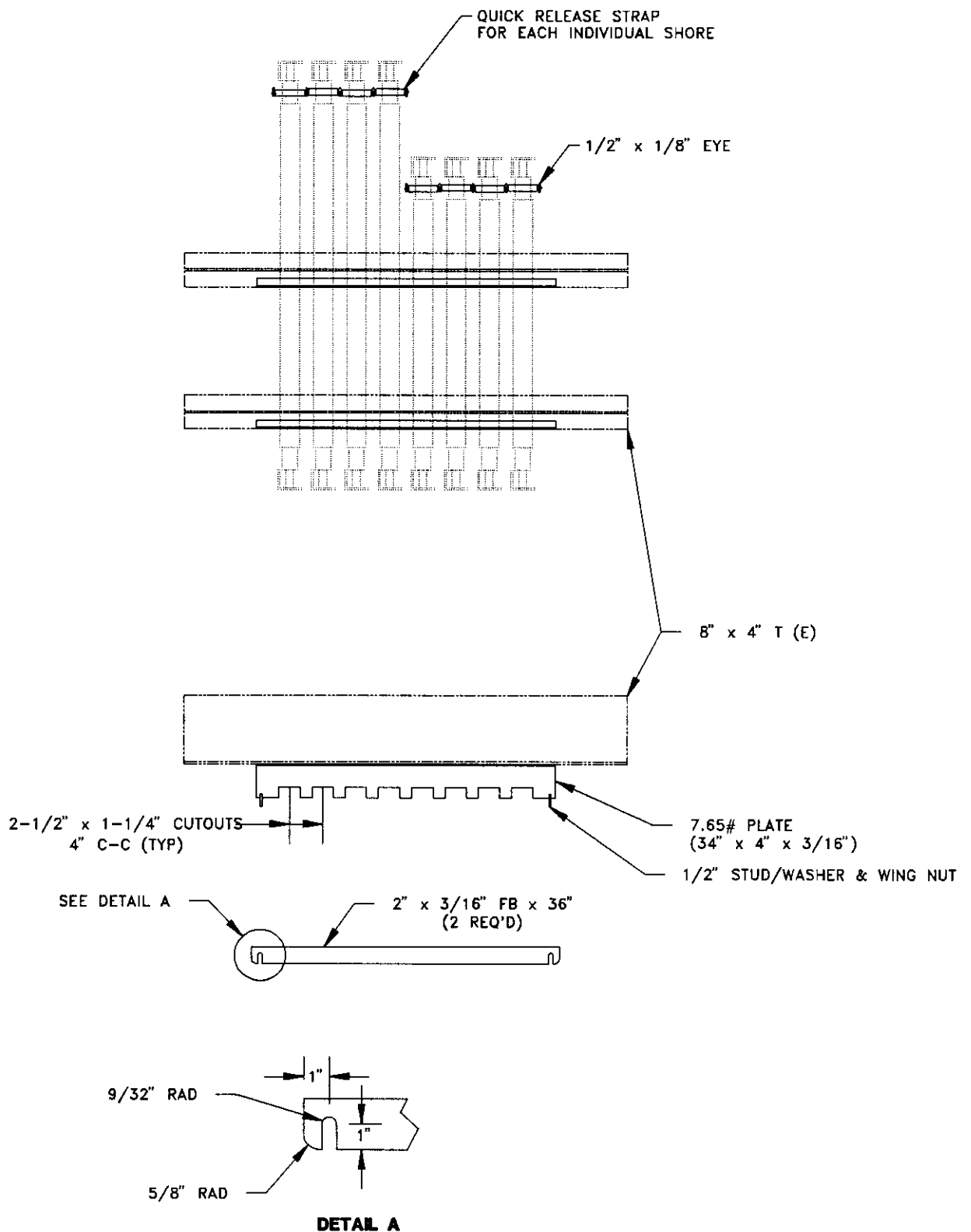
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 085**  
**SHORING METAL STOWAGE RACK (VERTICAL)**  
**VERSION 3**



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 086**  
**SHORING METAL STOWAGE RACK (VERTICAL)**  
**VERSION 4 (PAGE 1 OF 2)**

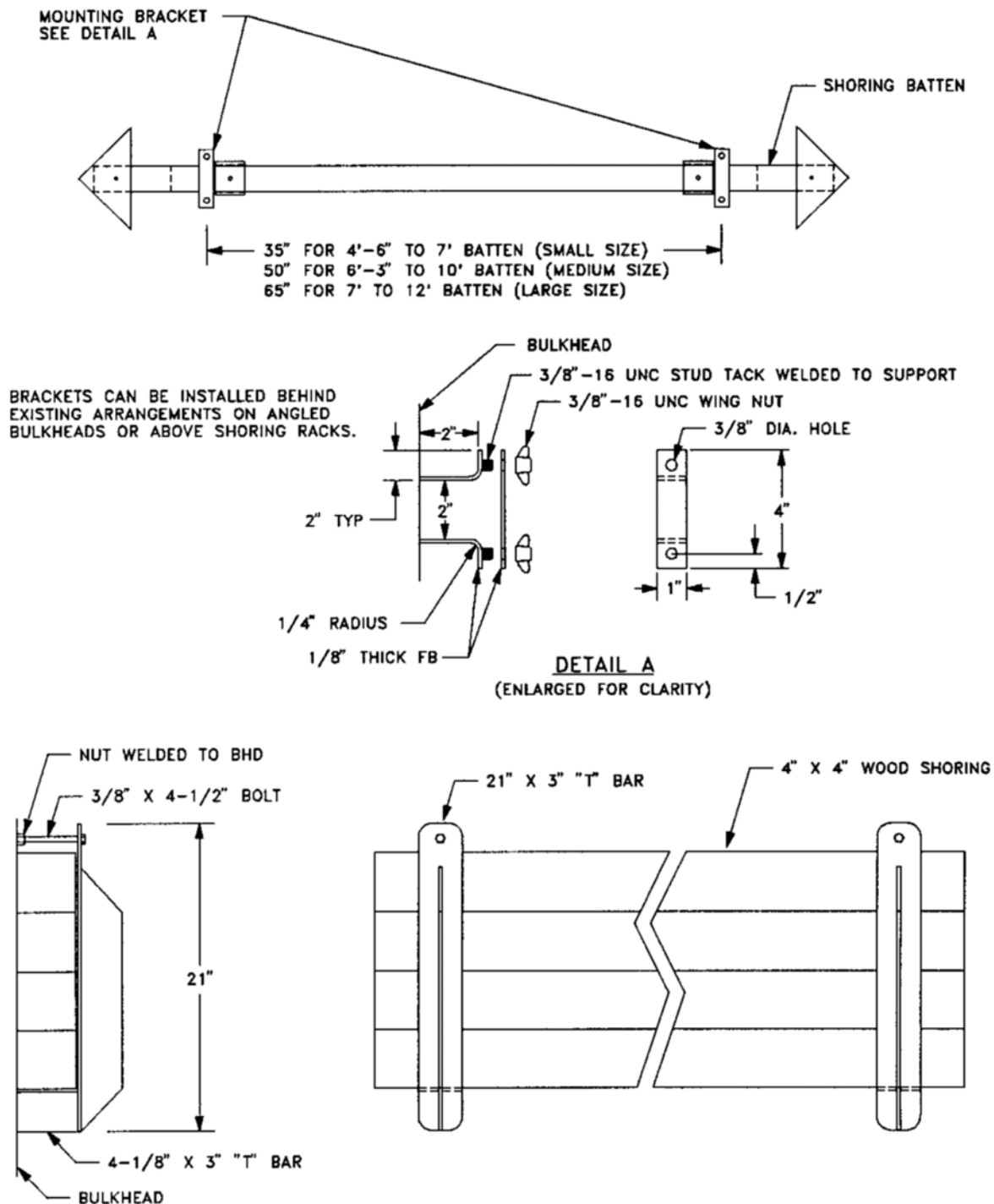


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 086**  
**SHORING METAL STOWAGE RACK (VERTICAL)**  
**VERSION 4 (PAGE 2 OF 2)**

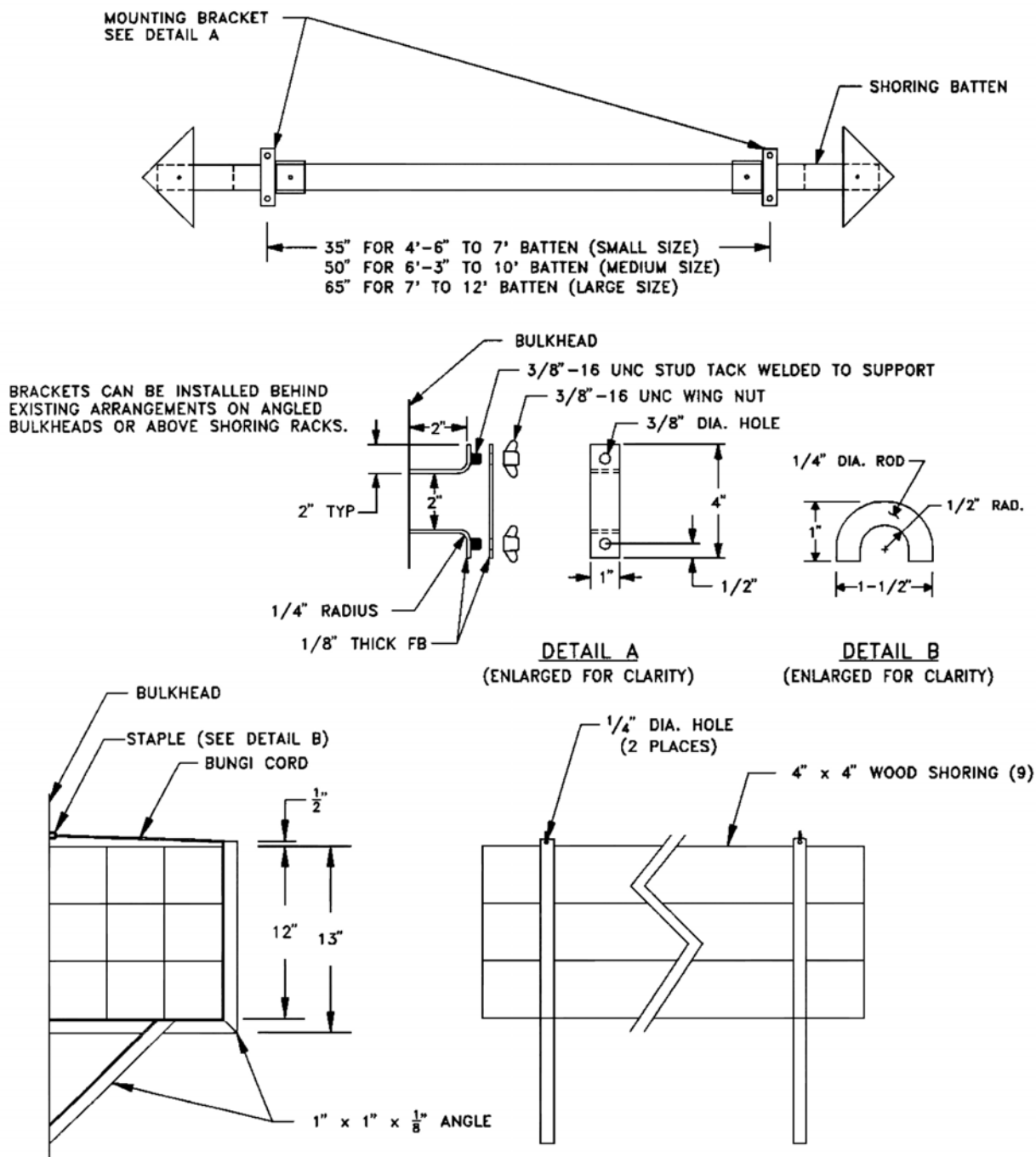


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 087**  
**SHORING METAL STORAGE RACK (VERTICAL)**  
**VERSION 5**

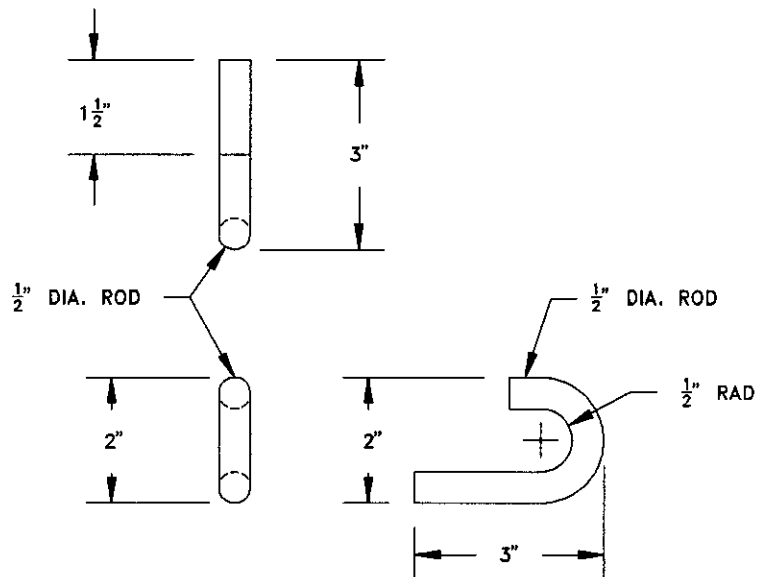
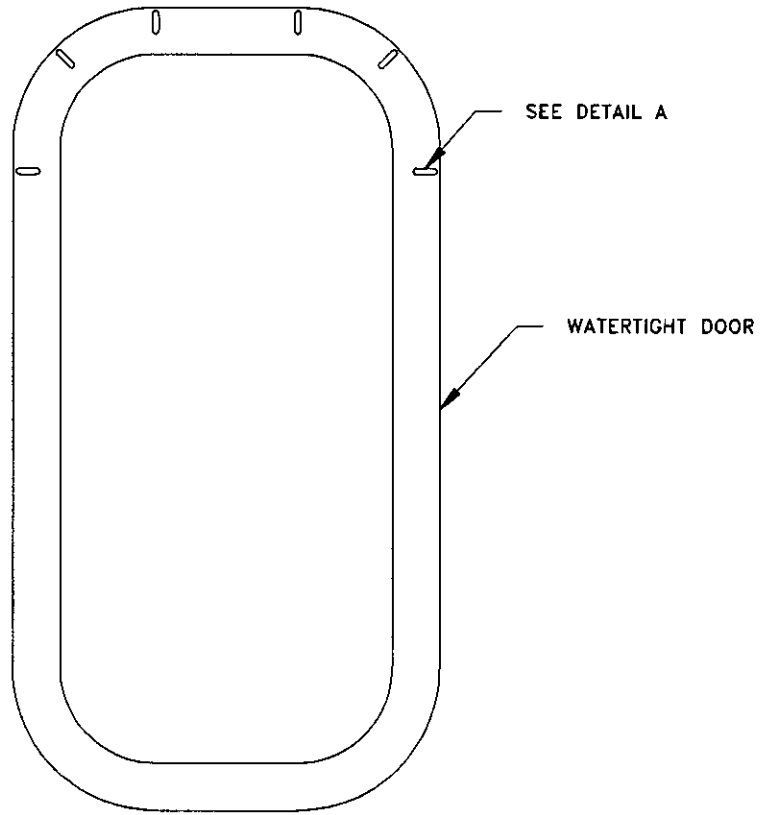




**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 088**  
**SHORING WOODEN, STOWAGE RACK (4 PCS)**  
**WITH SHORING BATTEN STOWAGE**

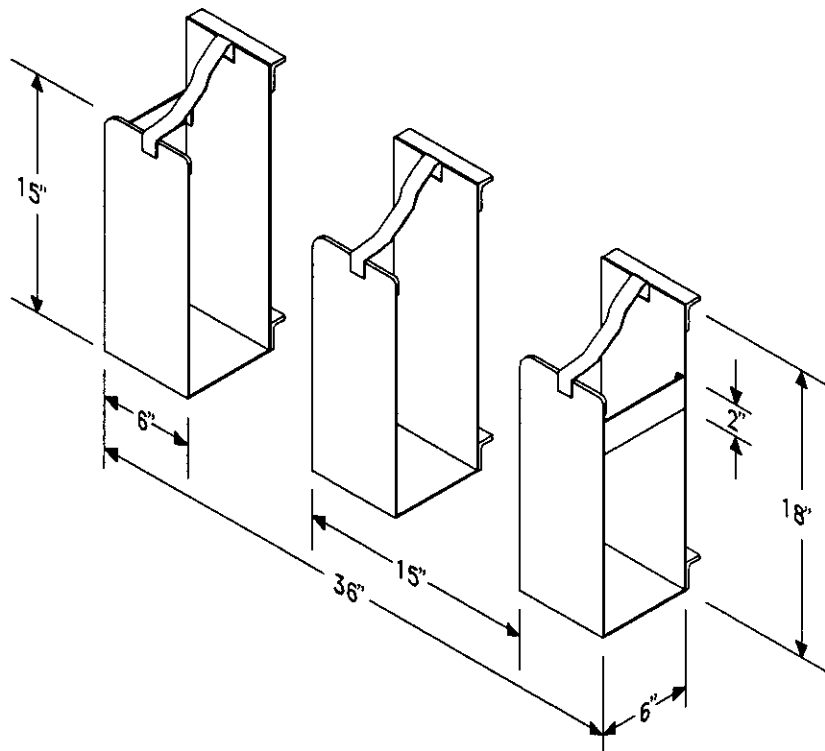


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 089**  
**SHORING WOODEN, STOWAGE RACK (9 PCS)**  
**WITH SHORING BATTEN STOWAGE**

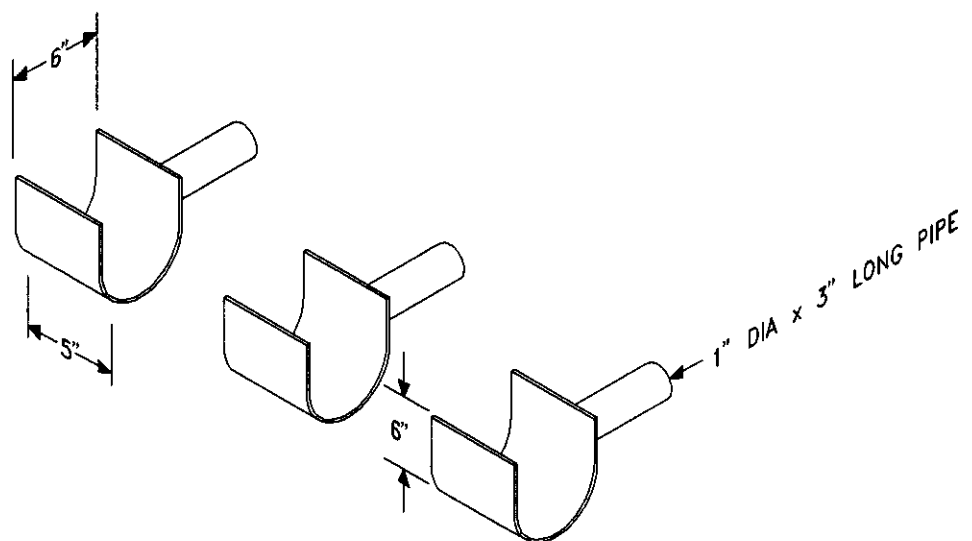


DETAIL A

# **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 090** **SMOKE CURTAIN HOOKS**

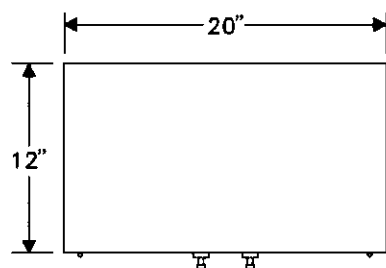


**VERSION 1 (BHD MOUNTED)**

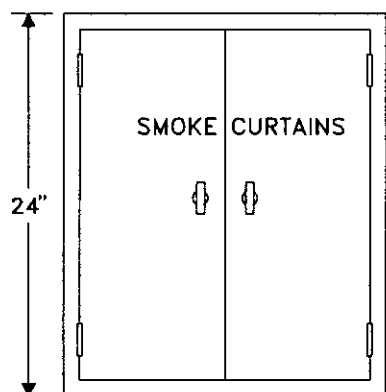
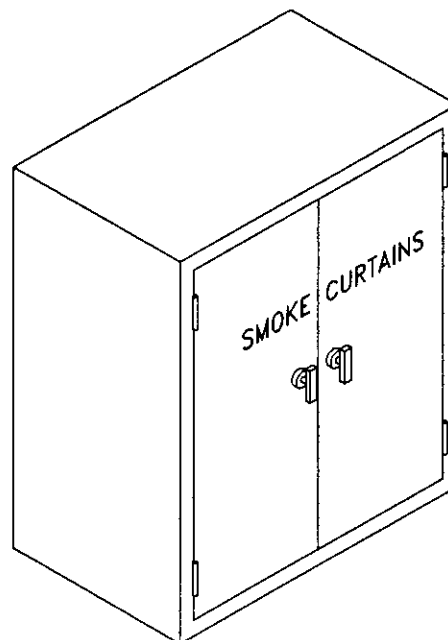


**VERSION 2 (ABOVE DOOR MOUNTED)**

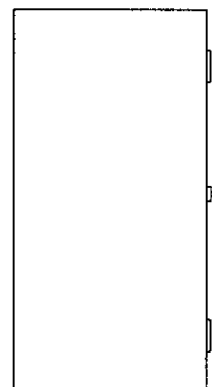
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 091**  
**SMOKE CURTAIN STOWAGE (BRACKET)**



**PLAN**



**ELEVATION**

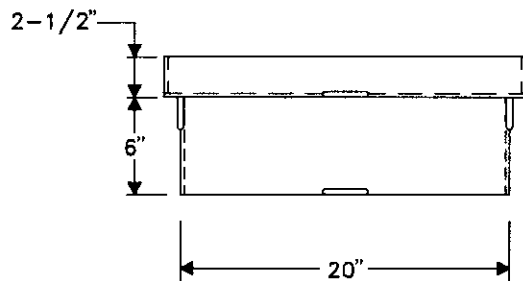


**SIDE VIEW**

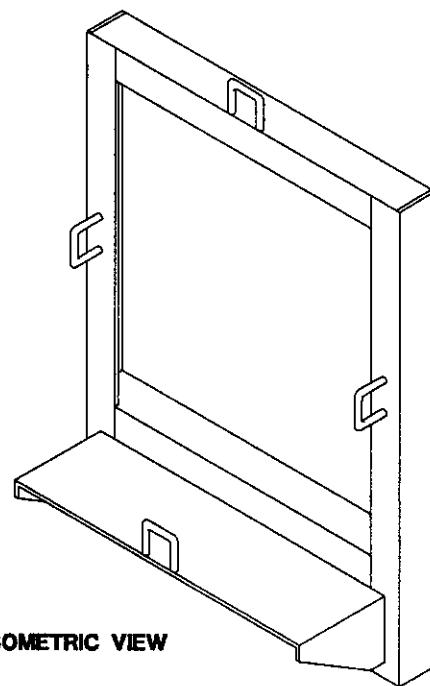
**NOTES:**

1. MATERIALS:  
ALUMINUM - WHEN MADE IN ACCORDANCE WITH NAVSHIPS DWG # 805-1639424 & 3209-86189 (FOR GUIDE ONLY).  
STEEL - WHEN MADE IN ACCORDANCE WITH NAVSHIPS DWG # 805-4598127 (FOR GUIDE ONLY).
2. FINISH AS SPECIFIED.
3. ADJUSTABLE SHELVES TO HAVE 1" LIP QUAN. AS SPECIFIED.
4. STENCIL 2" LETTERS, BLACK, "SMOKE CURTAINS".
5. JAMESTOWN METAL MARINE SK 207-1-2-N.

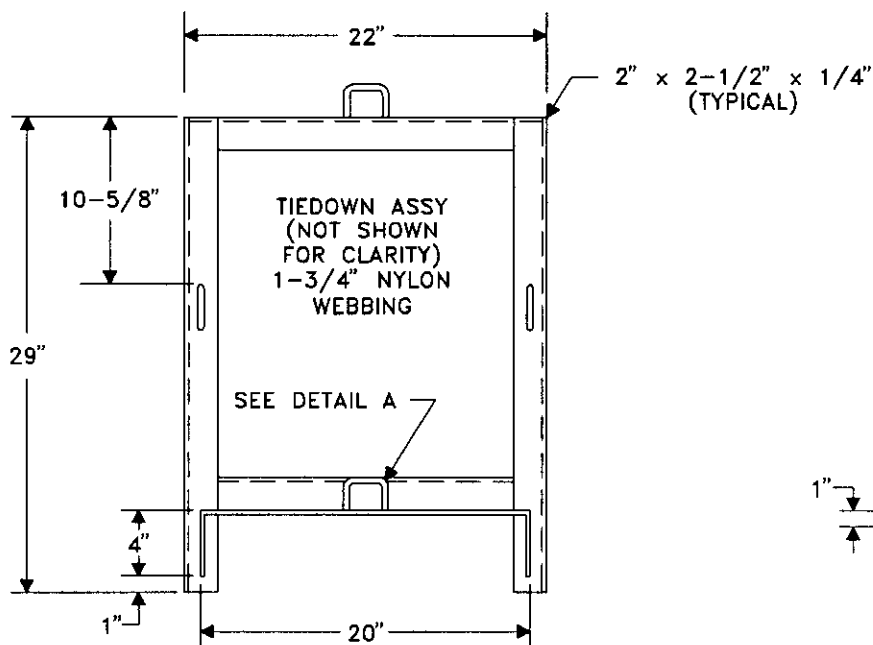
**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 092**  
**SMOKE CURTAIN STOWAGE (LOCKER)**



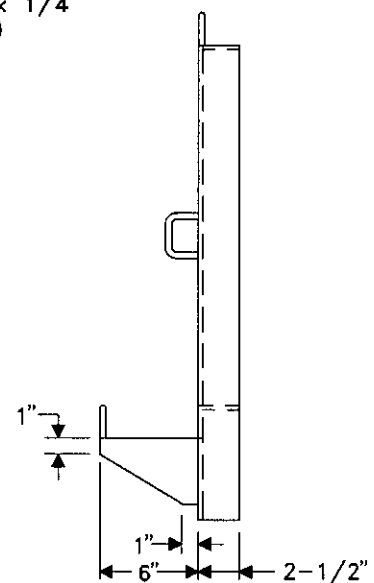
**PLAN VIEW**



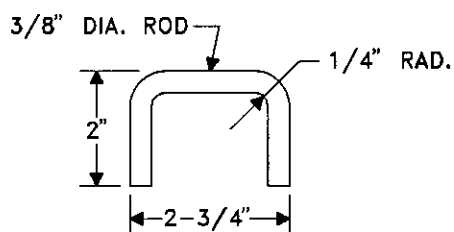
**ISOMETRIC VIEW**



**ELEVATION VIEW**

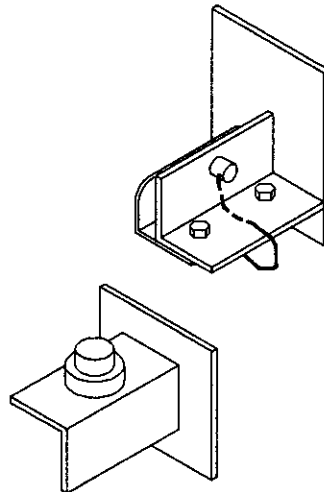


**SIDE VIEW**

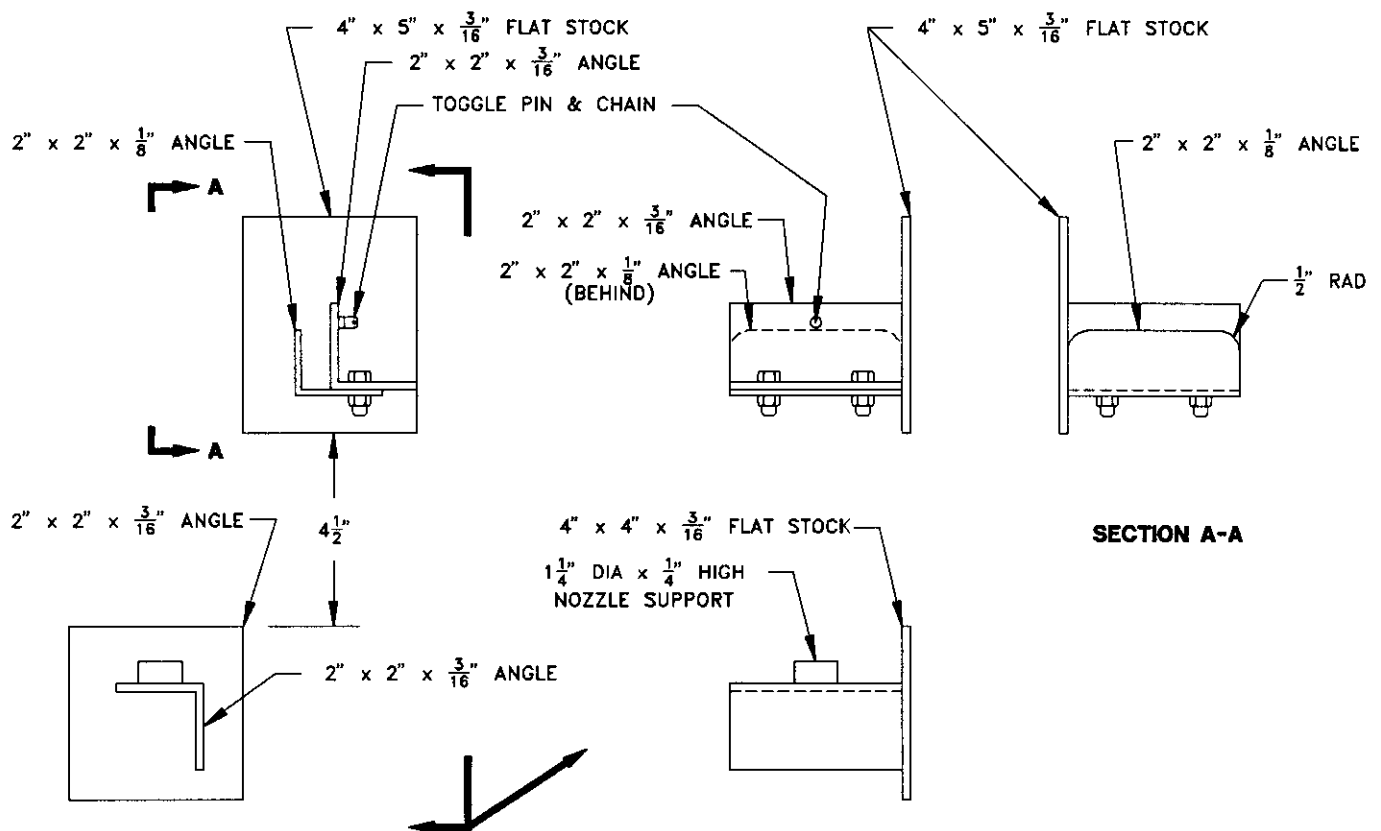


**DETAIL A**

# **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 093** **SMOKE GENERATOR STOWAGE RACK**

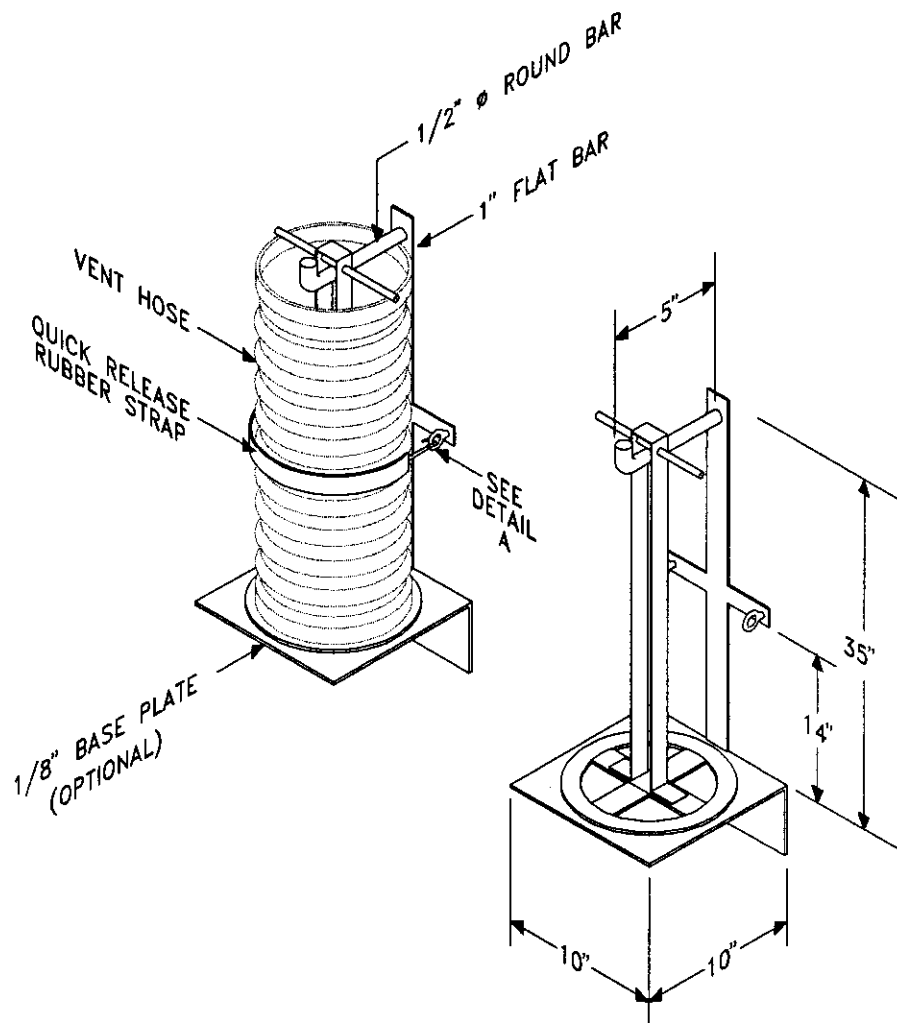


**ISOMETRIC VIEW**

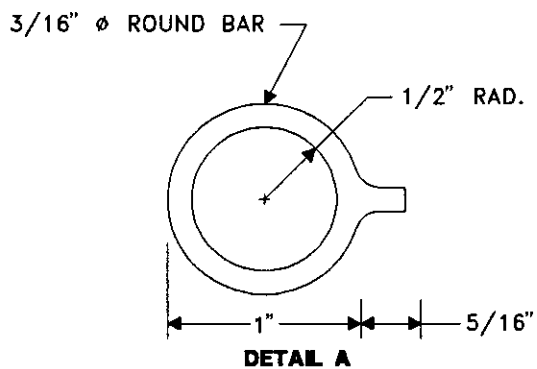


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 094**

**VARI-NOZZEL STOWAGE HOLDER, 1-1/2" AND 2-1/2"**

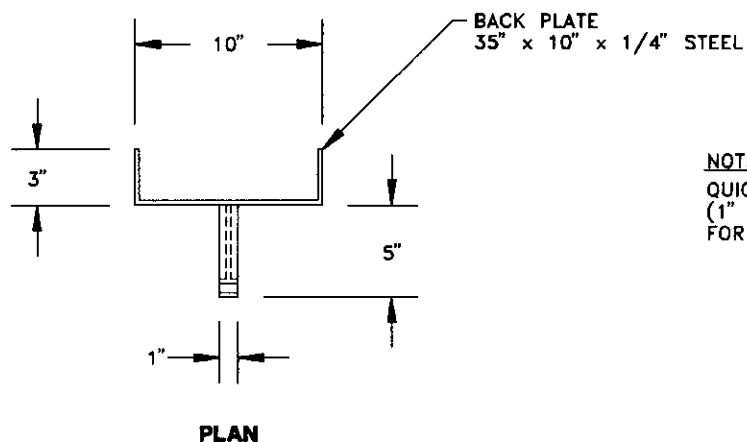


**VENT HOSE STOWAGE (BHD MOUNTED)**

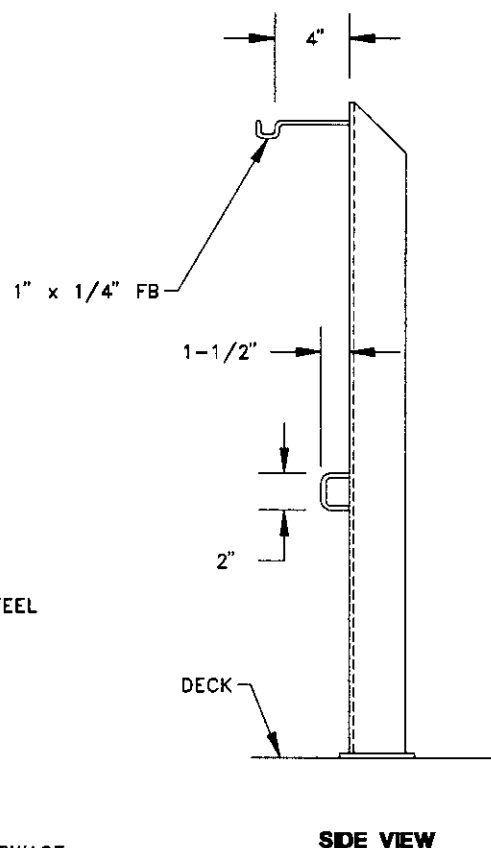
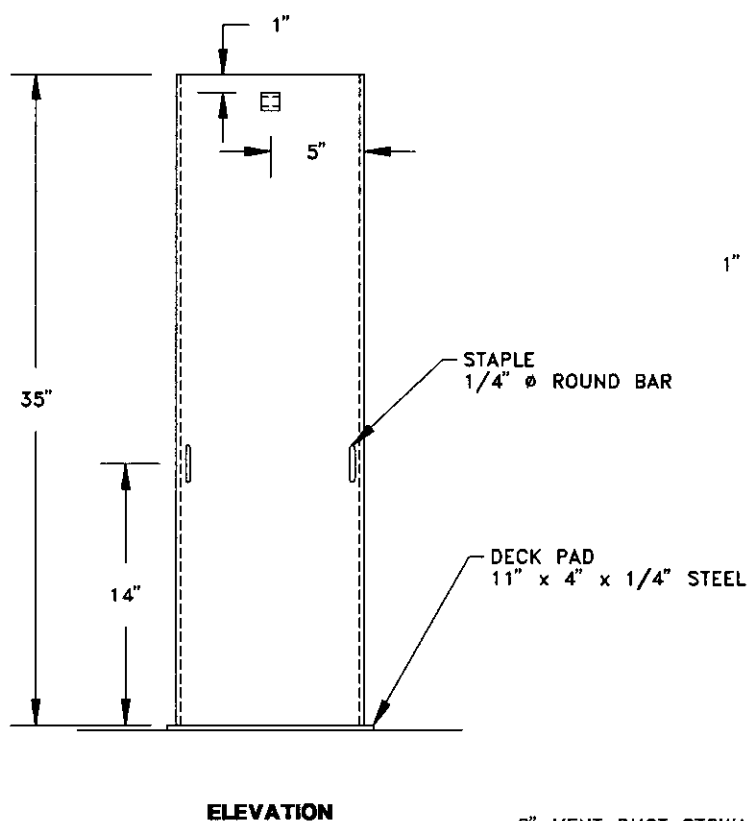


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 095**  
**VENT HOSE STOWAGE, BHD MOUNTED (VERTICAL)**  
**VERSION 1**





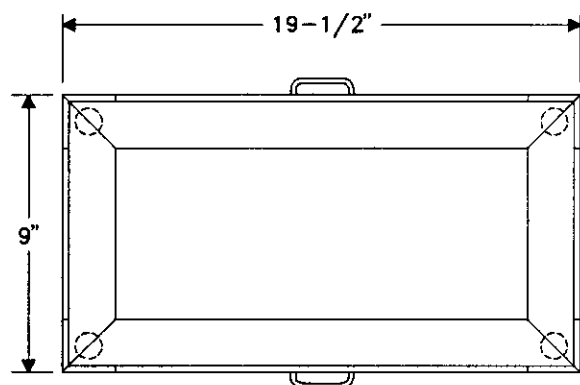
**NOTE:**  
QUICK RELEASE RUBBER STRAP  
(1" x 1/4"), IS NOT SHOWN  
FOR CLARITY.



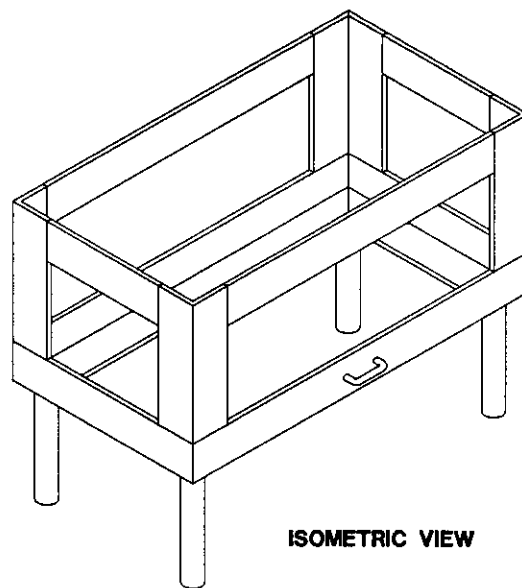
8" VENT DUCT STOWAGE  
(SINGLE STOWAGE SHOWN)

DOUBLE STOWAGE IS SIMILAR, EXCEPT  
2X WIDTH, WITH 2 HOOKS, CENTER GUSSET  
AND ONE QUICK RELEASE STRAP

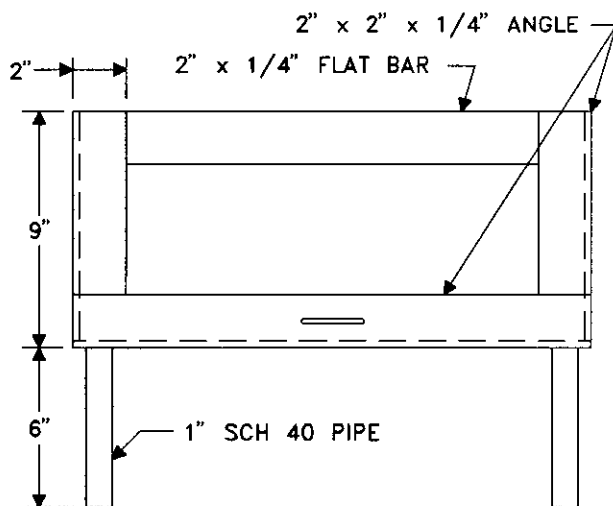
# **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 096** **VENT HOSE STOWAGE (VERTICAL)** **VERSION 2**



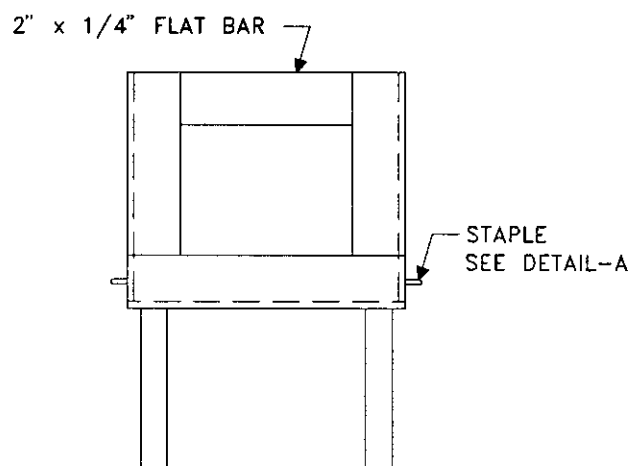
**PLAN**



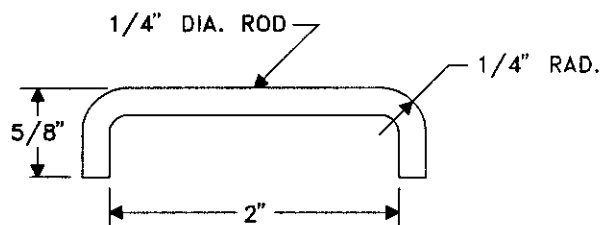
**ISOMETRIC VIEW**



**ELEVATION**

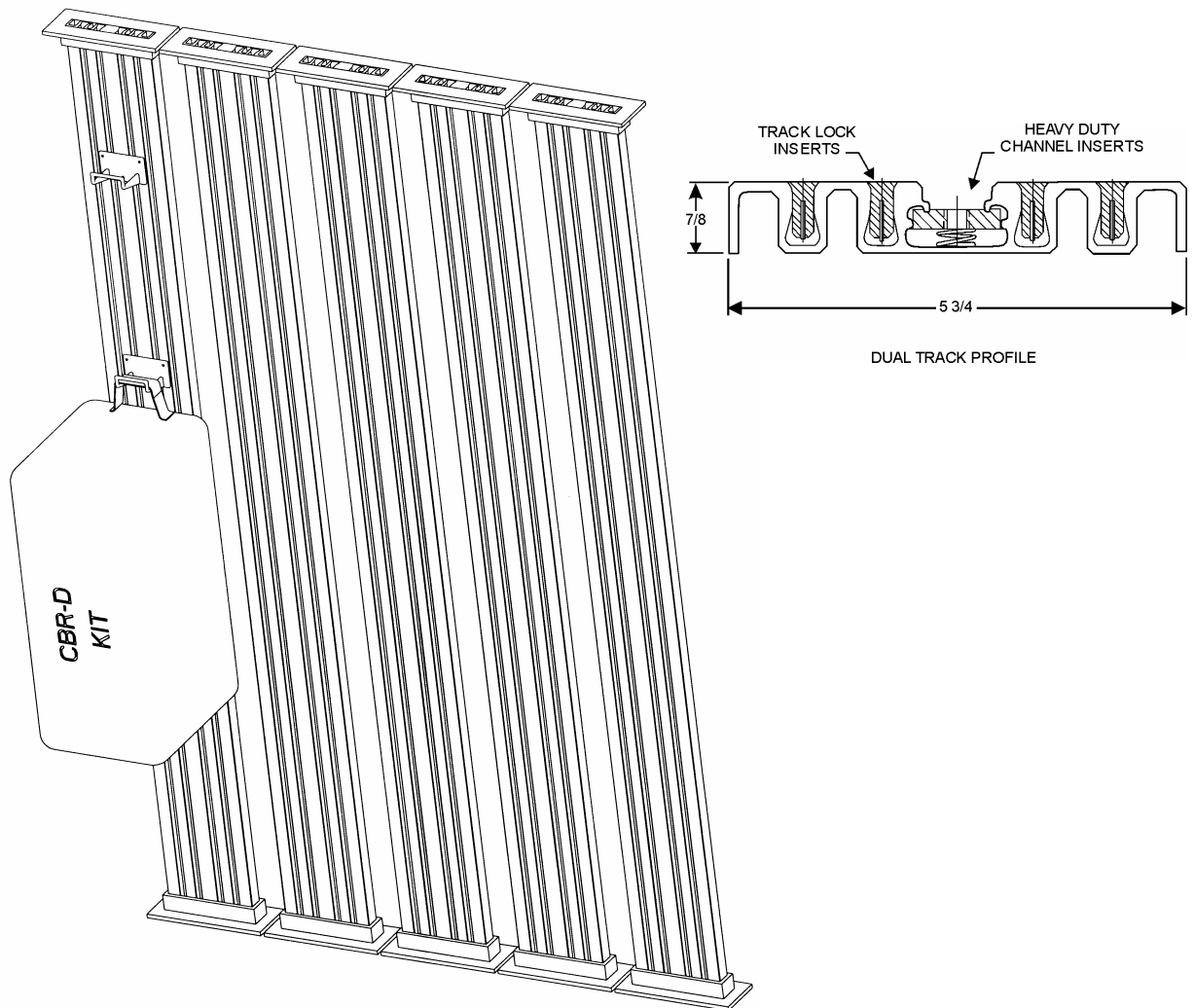


**SIDE VIEW**



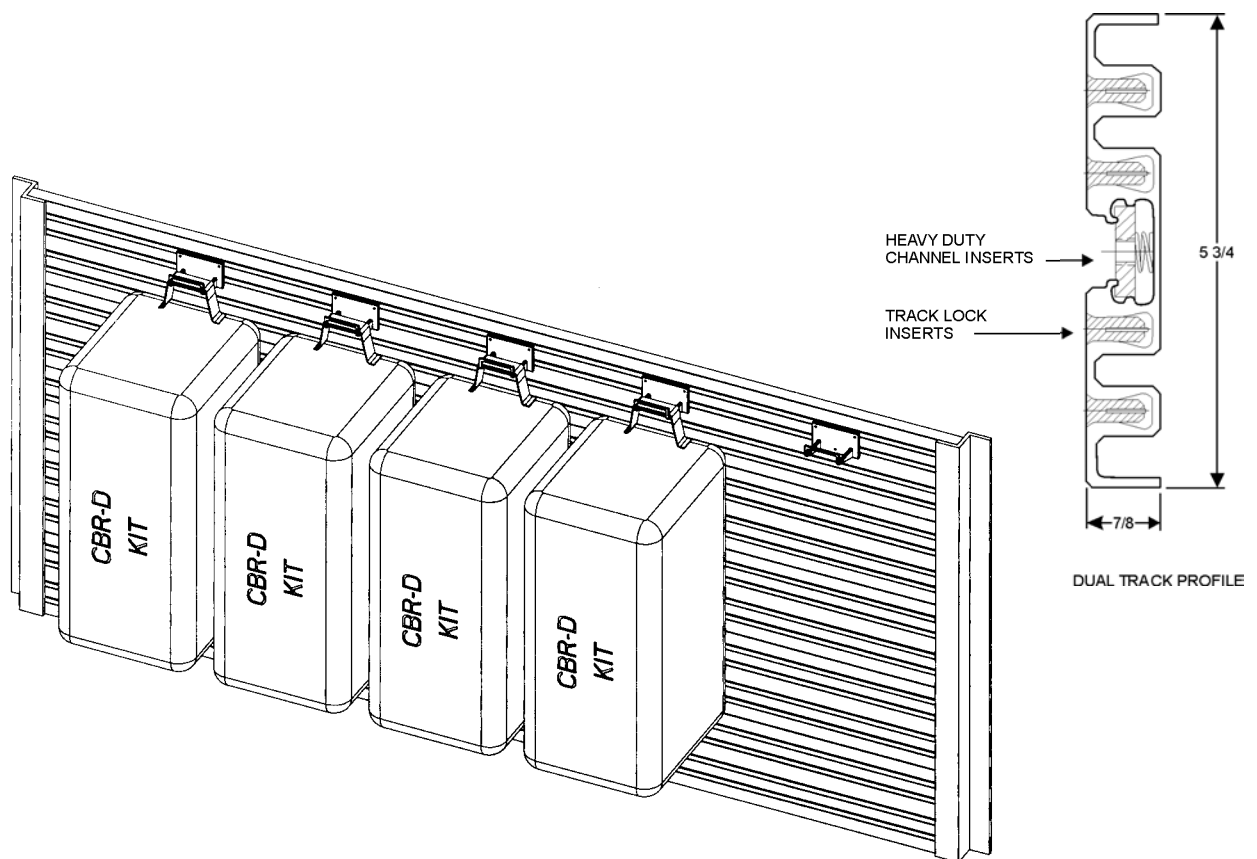
**DETAIL A**

# **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 097** **WELDING MACHINE STOWAGE RACK**



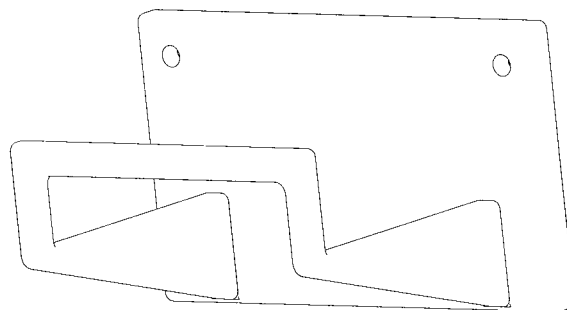
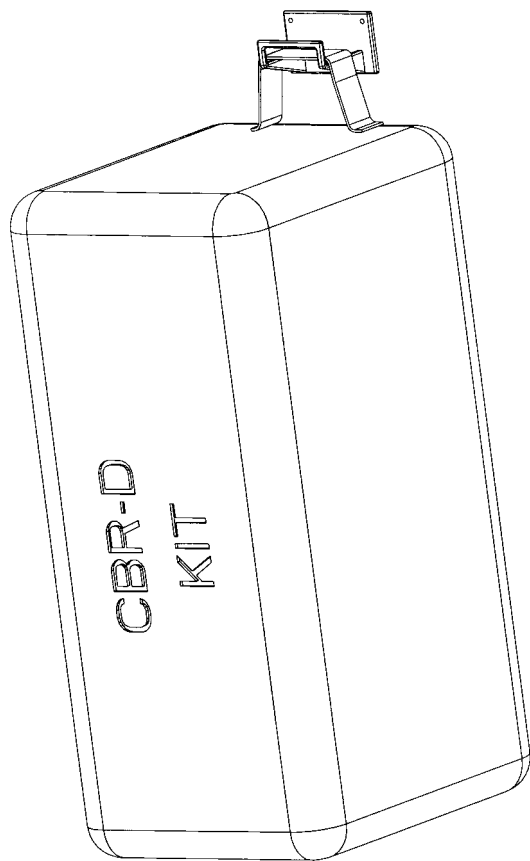
NOTE: 1. TRACK SYSTEM MUST BE EQUAL TO THOSE AVAILABLE FROM:  
 PERFORMANCE ADVANTAGE COMPANY (PAC)  
 P.O. BOX 306  
 LANCASTER, NEW YORK 14086  
 (716) 683-7413

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #098**  
**CBR-D IPE STOWAGE RACK**  
**TRACK SYSTEM – VERTICAL MOUNT (DECK TO OVERHEAD)**



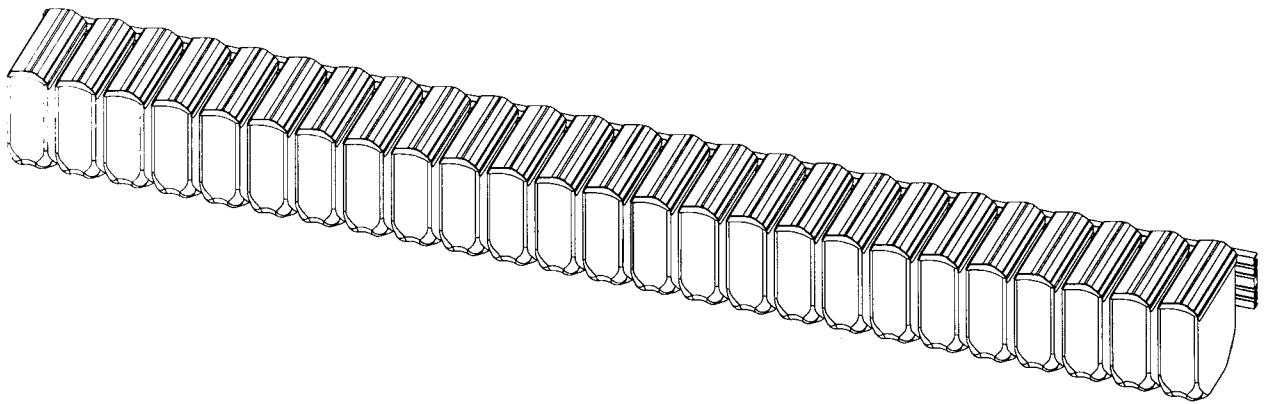
NOTE: 1. TRACK SYSTEM MUST BE EQUAL TO THOSE AVAILABLE FROM:  
PERFORMANCE ADVANTAGE COMPANY (PAC)  
P.O. BOX 306  
LANCASTER, NEW YORK 14086  
(716) 683-7413

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #099**  
**CBR-D IPE STOWAGE RACK**  
**TRACK SYSTEM – HORIZONTAL MOUNT (BULKHEAD)**



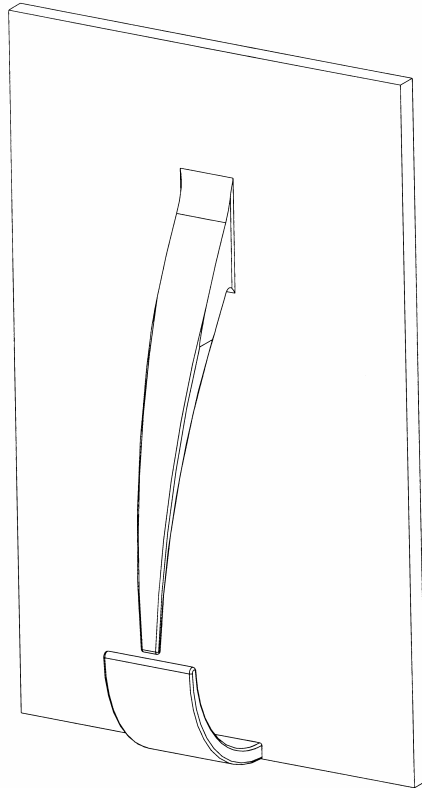
NOTE: 1. HOOK MUST BE EQUAL TO THOSE AVAILABLE FROM:  
PERFORMANCE ADVANTAGE COMPANY (PAC)  
P.O. BOX 306  
LANCASTER, NEW YORK 14086  
(716) 683-7413

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #100**  
**CBR-D IPE STOWAGE HOOK**



- NOTE: 1. TRACK SYSTEM MUST BE EQUAL TO THOSE AVAILABLE FROM:  
PERFORMANCE ADVANTAGE COMPANY (PAC)  
P.O. BOX 306  
LANCASTER, NEW YORK 14086  
(716) 683-7413
2. SEE SKETCH #099 FOR TRACK DIMENSIONS.

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #101**  
**MCU-2P STOWAGE RACK**



NOTE: 1. HOOK MUST BE EQUAL TO THOSE AVAILABLE FROM:  
PERFORMANCE ADVANTAGE COMPANY (PAC)  
P.O. BOX 306  
LANCASTER, NEW YORK 14086  
(716) 683-7413

**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #102**  
**MCU-2P STOWAGE HOOK**

# Section 5

## DAMAGE CONTROL SIGNAGE SKETCHES

- **Damage Control**
- **Luminous**
- **Safety**
- **Fire Fighting Systems**
- **Ventilation Systems**
- **Weapon Systems**
- **Piping Systems (Reflective DC Pipe Markings)**
- **Electrical**
- **Shipboard Label Kits, Characters, Application Instructions**



### DAMAGE CONTROL SIGNAGE SKETCHES

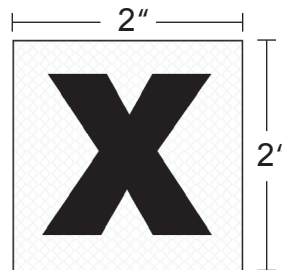
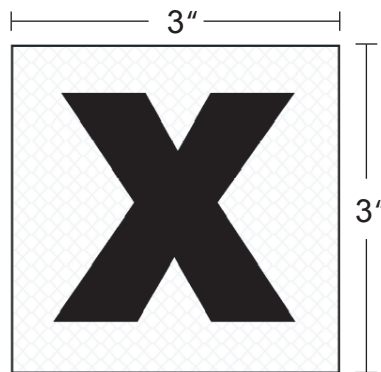
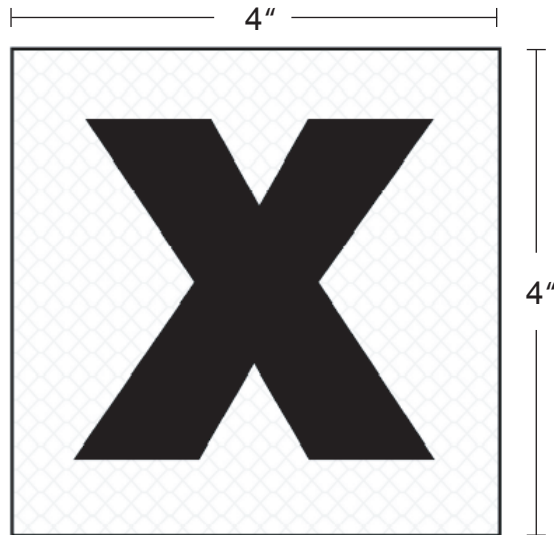
<b>SECTION 5 SKETCH NO.</b>	<b>TITLE OF SKETCH</b>
<b>001</b>	<b>X-Ray (4" x 4"), (3" x 3") and (2" x 2")</b>
<b>002</b>	<b>Yoke (4" x 4"), (3" x 3") and (2" x 2")</b>
<b>003</b>	<b>Zebra (4" x 4"), (3" x 3") and (2" x 2")</b>
<b>004</b>	<b>William (4" x 4"), (3" x 3") and (2" x 2")</b>
<b>005</b>	<b>Circle X-Ray (4" x 4"), (3" x 3") and (2" x 2")</b>
<b>006</b>	<b>Circle Yoke (4" x 4"), (3" x 3") and (2" x 2")</b>
<b>007</b>	<b>Circle Zebra (4" x 4"), (3" x 3") and (2" x 2")</b>
<b>008</b>	<b>Circle William (4" x 4"), (3" x 3") and (2" x 2")</b>
<b>009</b>	<b>Darken Ship Zebra (4" x 4"), (3" x 3") and (2" x 2")</b>
<b>010</b>	<b>Normally Open (4" x 4"), (3" x 3") and (2" x 2")</b>
<b>011</b>	<b>Normally Shut (4" x 4"), (3" x 3") and (2" x 2")</b>
<b>012</b>	<b>Damage Control Repair Station (DCRS) (12" x 8")</b>
<b>013</b>	<b>Damage Control Unit Patrol Station (DCUPS) (12" x 8")</b>
<b>014</b>	<b>Damage Control Unit Locker (DCUL) (12" x 8")</b>
<b>015</b>	<b>Damage Control R&amp;A Locker/Reentry (DCREL) (12" x 8")</b>
<b>016</b>	<b>Markers for CBRD Contaminated Areas – Chemical (11-1/2" x 8" x 8")</b>
<b>017</b>	<b>Markers for CBRD Contaminated Areas – Biological (11-1/2" x 8" x 8")</b>
<b>018</b>	<b>Markers for CBRD Contaminated Areas – Radiological (11-1/2" x 8" x 8")</b>
<b>019</b>	<b>Markers for CBRD Contaminated Areas – Unexploded Munition (11-1/2" x 8" x 8")</b>
<b>020</b>	<b>DANGER, HIGH VOLTAGE (10" x 7")</b>
<b>021</b>	<b>FF DRESSOUT (10" x 6")</b>
<b>022</b>	<b>DESMOKING (10" x 6")</b>
<b>023</b>	<b>DEWATERING (10" x 6")</b>
<b>024</b>	<b>SHORING (10" x 6")</b>
<b>025</b>	<b>GAS FREE ENG (10" x 6")</b>
<b>026</b>	<b>PHARS (10" x 4")</b>
<b>027</b>	<b>R &amp; A (5" x 4")</b>
<b>028</b>	<b>PKP (5" x 4")</b>
<b>029</b>	<b>CO<sub>2</sub> (5" x 4")</b>

<b>SECTION 5 SKETCH NO.</b>	<b>TITLE OF SKETCH</b>
<b>030</b>	<b>AFFF (5" x 4")</b>
<b>031</b>	<b>DECON STATION (12" x 8")</b>
<b>032</b>	<b>BATTLE DRESSING STATION (12" x 8")</b>
<b>033</b>	<b>FIRE ZONE BHD (6" x 3")</b>
<b>034</b>	<b>Reflective Escape Trunk Markings (2" x 45" ROLL)</b>
<b>035</b>	<b>OBA (4" x 10" vertical), and (8" x 4" horizontal)</b>
<b>036</b>	<b>OBA Canister (12" x 5")</b>
<b>037</b>	<b>SCBA (4" x 13" vertical) and (8" x 4" horizontal)</b>
<b>038</b>	<b>CYLINDERS (14" x 4")</b>
<b>039</b>	<b>EEBD (1" x 3" vertical) and (2" x 6" vertical)</b>
<b>040</b>	<b>EEBD (3" x 1" horizontal), (4" x 1-1/2" horizontal) and (8" x 4" horizontal)</b>
<b>041</b>	<b>EAB (6" x 4")</b>
<b>042</b>	<b>EXIT (12" x 8")</b>
<b>043</b>	<b>NO EXIT (10" x 9")</b>
<b>044</b>	<b>EXIT (24" x 8" left arrow), (24" x 8" right arrow) and (24" x 8" double arrow)</b>
<b>045</b>	<b>EXIT (12" x 4" left arrow), (12" x 4" right arrow) and (12" x 4" double arrow)</b>
<b>046</b>	<b>D (24" x 8" left arrow) and (24" x 8" right arrow)</b>
<b>047</b>	<b>D (12" x 4" left arrow) and (12" x 4" right arrow)</b>
<b>048</b>	<b>+ (24" x 8 left / right arrow)</b>
<b>049</b>	<b>+ (12" x 4" left / arrow)</b>
<b>050</b>	<b>+ (8" x 8")</b>
<b>051</b>	<b>BLANK (Compartment Bull's Eye, 15" x 12")</b>
<b>052</b>	<b>BLANK (Fire Station Bull's Eye, 15" x 12")</b>
<b>053</b>	<b>FR (6" x 6")</b>
<b>054</b>	<b>Photoluminescent Tape (1" roll x 50 yds) and (2" roll x 50 yds)</b>
<b>055</b>	<b>FLT DECK (24" x 4") and (12" x 4")</b>
<b>056</b>	<b>HANGAR (24" x 4") and (12" x 4")</b>
<b>057</b>	<b>BLANK (for making custom FLT DECK and HANGAR labels, 24" x 4" and 12" x 4")</b>

<b>SECTION 5 SKETCH NO.</b>	<b>TITLE OF SKETCH</b>
<b>058</b>	<b>AFFF (8" x 4")</b>
<b>059</b>	<b>CO<sub>2</sub> (8" x 4")</b>
<b>060</b>	<b>APC (8" x 4")</b>
<b>061</b>	<b>HALON (8" x 4")</b>
<b>062</b>	<b>DANGER (10" x 3") and (6" x 2")</b>
<b>063</b>	<b>DANGER, DO NOT ENTER, GAS FREE CERTIFICATE REQUIRED, CONFINED SPACE (6" x 5")</b>
<b>064</b>	<b>DANGER, DO NOT ENTER, GAS FREE CERTIFICATE REQUIRED, CONFINED SPACE, IDLH (6" x 5")</b>
<b>065</b>	<b>CONFINED SPACE, GAS FREE CERTIFICATE NOT REQUIRED (6" x 4")</b>
<b>066</b>	<b>WARNING (10" x 3") and (6" x 2")</b>
<b>067</b>	<b>CAUTION (10" x 3") and (6" x 2")</b>
<b>068</b>	<b>NOTICE (10" x 3") and (6" x 2")</b>
<b>069</b>	<b>ATTENTION (10" x 3") and (6" x 2")</b>
<b>070</b>	<b>HAZARDOUS NOISE (8" x 10")</b>
<b>071</b>	<b>DO NOT ENTER WHILE ENGINE IS OPERATING. THE GAS TURBINE MUST BE SECURED BEFORE OPENING ACCESS TO EXHAUST DUCT. TO ASSURE THAT THE GAS TURBINE WILL NOT BE STARTED WHILE MAINTENANCE OR INSPECTION IS BEING PERFORMED, SECURE ALL AC AND DC POWER TO GAS TURBINE AND TAG-OUT (10" x 3")</b>
<b>072</b>	<b>ESCAPE SCUTTLE SERVING THIS SPACE SHALL BE UNLOCKED AT ALL TIMES WHEN THIS SPACE IS OCCUPIED (10" x 3")</b>
<b>073</b>	<b>ESCAPE SCUTTLE, DO NOT BLOCK (10" x 4")</b>
<b>074</b>	<b>HIGH TEMPERATURES, NO STOWAGE (10" x 4")</b>
<b>075</b>	<b>DO NOT ENTER WHILE GAS TURBINE IS OPERATING. THE EMERGENCY BLOW-IN PANELS MUST BE SECURED BEFORE ENTERING INTAKE SPACE. SECURE LP AIR AT LOCAL CONTROL PANEL AND TAG-OUT. (6" x 4")</b>
<b>076</b>	<b>DISCHARGE OF OIL PROHIBITED. OIL OR OILY WASTE SHALL NOT BE DISCHARGED FROM ANY SHIP WITHIN 50 NAUTICAL MILES OF ANY SHORELINE IN SUCH QUANTITIES AS TO CAUSE A SHEEN ON THE WATER. DISCHARGES WILL BE REPORTED IMMEDIATELY IN ACCORDANCE WITH OPNAVINST 5090.1 SERIES. (7" x 5")</b>
<b>077</b>	<b>IF ANY DRAINS DRIP OR DISCHARGE WATER, OTHER THAN DURING SYSTEM TEST, A REPORT SHOULD BE MADE TO THE ORDNANCE OFFICER FOR CORRECTIVE ACTION. DO NOT PLUG ENDS OF PIPING. (10" x 3")</b>

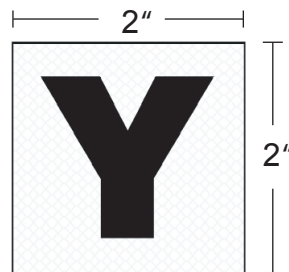
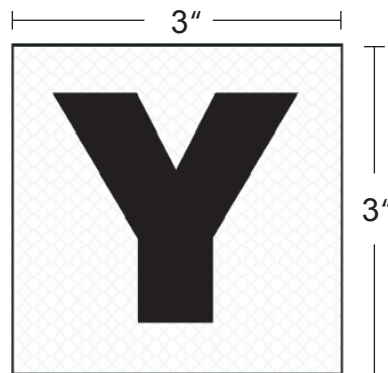
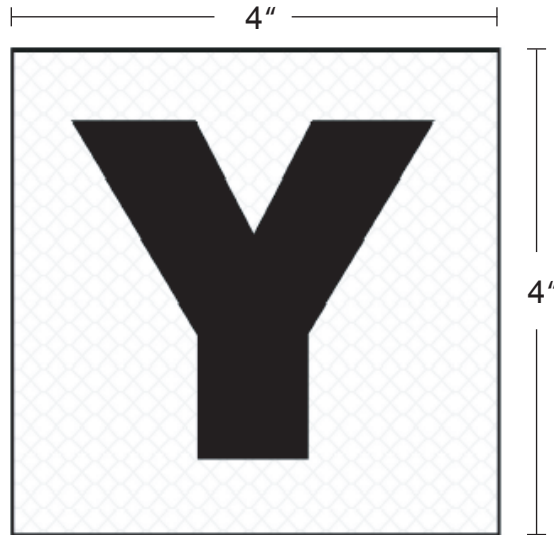
<b>SECTION 5 SKETCH NO.</b>	<b>TITLE OF SKETCH</b>
<b>078</b>	<b>EQUIPMENT SHALL BE DRAINED ONLY WHEN SYSTEM IS NOT OPERATING. DRAIN VALVE SHALL BE SHUT WHEN DRAIN PLUG IS REMOVED, AND THEN OPENED GRADUALLY TO AVOID INJURY DUE TO HIGH SYSTEM TEMPERATURES AND PRESSURES. (10" x 3")</b>
<b>079</b>	<b>DANGER, CARBON DIOXIDE GAS, WHEN ALARM SOUNDS, VACATE IMMEDIATELY (9" x 6")</b>
<b>080</b>	<b>DANGER, CARBON DIOXIDE GAS, WHEN ALARM SOUNDS OR LIGHT IS RED KEEP OUT OF SPACE (9" x 6")</b>
<b>081</b>	<b>WARNING, PULLING CABLE RELEASES CARBON DIOXIDE GAS TO: (6" x 4")</b>
<b>082</b>	<b>WARNING, PULLING CABLE OPENS CARBON DIOXIDE STOP VALVE TO: (6" x 4")</b>
<b>083</b>	<b>WARNING, STAY CLEAR OF PROTECTIVE CAGE FOR CO<sub>2</sub> FLOODING SYSTEM, DO NOT REACH BEHIND OR REMOVED CAGE WITHOUT AUTHORIZATION OF DCA (9" x 6")</b>
<b>084</b>	<b>HALON 1301 MAY PRODUCE TOXIC BY-PRODUCTS WHEN EXPOSED TO FIRE. ALL PERSONNEL MUST LEAVE THE SPACE WHEN HALON SYSTEM IS ACTUATED. AFTER HALON HAS BEEN DISCHARGED TO EXTINGUISH A FIRE THE SPACE MUST NOT BE ENTERED FOR 15 MINUTES. AFTER WAITING THE ABOVE 15 MINUTES, AND THE FIRE HAS BEEN EXTINGUISHED, RESET VENTILATION SHUTDOWN PRESSURE SWITCH IN THE HALON SYSTEM AND OPERATE VENTILATION SUPPLY AND EXHAUST SYSTEM AT HIGH SPEED FOR 15 MINUTES. DO NOT ENTER THE SPACE WITHOUT RESPIRATOR PROTECTION (OBA/SCBA) OR UNTIL THE SPACE HAS BEEN VENTILATED FOR 15 MINUTES AS STATED ABOVE AND CERTIFIED GAS FREE. WHEN THE SPACE IS GAS FREE, RESET ALARM PRESSURE SWITCHES. (10" x 7")</b>
<b>085</b>	<b>THIS DOOR IS PART OF A FIRE ZONE BOUNDARY (7" x 3")</b>
<b>086</b>	<b>CO<sub>2</sub> FIXED FLOODING SYSTEM OPERATING INSTRUCTIONS (11" x 11")</b>
<b>087</b>	<b>CO<sub>2</sub> FIXED FLOODING SYSTEM STOP VALVE OPERATING INSTRUCTIONS (11" x 11")</b>
<b>088</b>	<b>AIR CONDITIONED AREA, KEEP THIS HATCH CLOSED (7" x 3")</b>
<b>089</b>	<b>AIR CONDITIONED AREA, KEEP THIS SCUTTLE CLOSED (7" x 3")</b>
<b>090</b>	<b>AIR CONDITIONED AREA, KEEP THIS DOOR CLOSED (7" x 3")</b>
<b>091</b>	<b>CPS BOUNDARY (6" x 1")</b>
<b>092</b>	<b>THIS DOOR IS PART OF FIRE ZONE BOUNDARY AND MAY NOT BE LATCHED OPEN (10" x 3")</b>

<b>SECTION 5 SKETCH NO.</b>	<b>TITLE OF SKETCH</b>
<b>093</b>	<b>CPS ZONE BOUNDARY, KEEP THIS DOOR CLOSED. OPEN/CLOSE WITH CARE TO AVOID INJURY (10" x 3")</b>
<b>094</b>	<b>CPS BOUNDARY, OPEN/CLOSE THIS DOOR WITH CARE. IT MAY OPEN/CLOSE QUICKLY WITH AID OF AIR PRESSURE. KEEP HANDS/FEET CLEAR OF DOOR JAMB WHEN OPENING/CLOSING. KEEP DOOR CLOSED AFTER PASSING THROUGH. (10" x 5")</b>
<b>095</b>	<b>THIS VENTILATION DUCT FORMS A CPS BOUNDARY. DO NOT BREACH BOUNDARY WITHOUT CONTACTING DAMAGE CONTROL OFFICER. (7" x 3")</b>
<b>096</b>	<b>THIS AIR LOCK REQUIRES A 2 MINUTE PURGE TIME IN A CONTAMINATED ENVIRONMENT (7" x 3")</b>
<b>097</b>	<b>DO NOT OPEN IN A CBR ENVIRONMENT (7" x 3")</b>
<b>098</b>	<b>DO NOT USE IN A CBR ENVIRONMENT (7" x 3")</b>
<b>099</b>	<b>AMMUNITION, FAR SIDE (9" x 5")</b>
<b>100</b>	<b>RESTRICTED AREA, KEEP OUT, AUTHORIZED PERSONNEL ONLY (8" x 6")</b>
<b>101</b>	<b>DO NOT MIX AMMUNITION TYPES WITHIN THIS RACK (7" x 3")</b>
<b>102</b>	<b>FM (Reflective DC Pipe Markings, 6" x 2")</b>
<b>103</b>	<b>AFFF (Reflective DC Pipe Markings, 6" x 2")</b>
<b>104</b>	<b>CW (Reflective DC Pipe Markings, 6" x 2")</b>
<b>105</b>	<b>JP-5 (Reflective DC Pipe Markings, 6" x 2")</b>
<b>106</b>	<b>ARROW (Reflective DC Pipe Markings, 6" x 2")</b>
<b>107</b>	<b>THIS EQUIPMENT ENERGIZED FROM MULTIPLE SOURCES (7" x 3")</b>
<b>108</b>	<b>SHOCK HAZARD, THIS TERMINAL IS NORMALLY ENERGIZED. DE-ENERGIZE WHEN SERVICING (7" x 3")</b>
<b>109</b>	<b>DO NOT CONNECT ADDITIONAL FIXTURES OR RECEPTACLES TO THIS CIRCUIT (7" x 3")</b>
<b>110</b>	<b>SHOCK HAZARD, 440 VOLTS (5" x 2")</b>
<b>111</b>	<b>WORKBENCH RECEPTACLE DISCONNECT (5" x 2")</b>



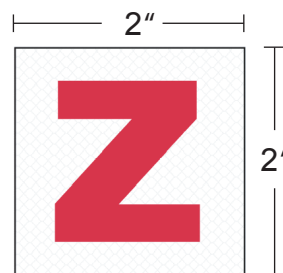
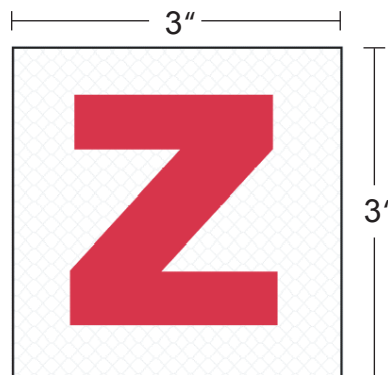
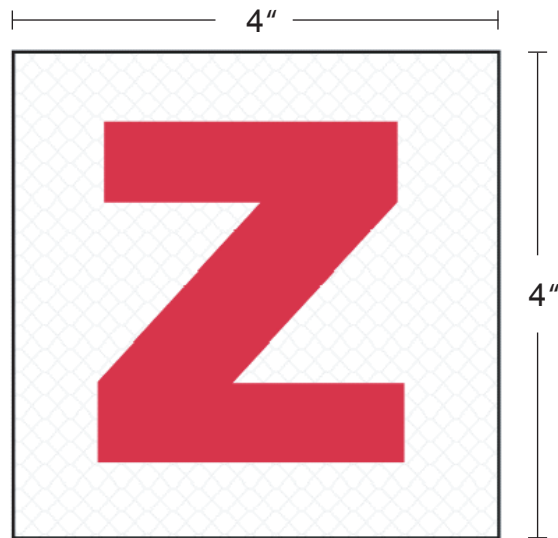
NOTE: RETROREFLECTIVE MATERIAL ( WHITE )  
BLACK ( SCREENED ) LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 001**  
**X-Ray (4" x 4"), (3" x 3") and (2" x 2")**



NOTE: RETROREFLECTIVE MATERIAL ( WHITE )  
BLACK ( SCREENED ) LETTERS  
GRAPHICS ARE NOT TO SCALE.

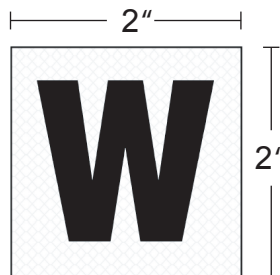
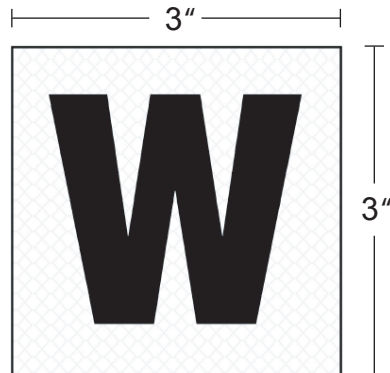
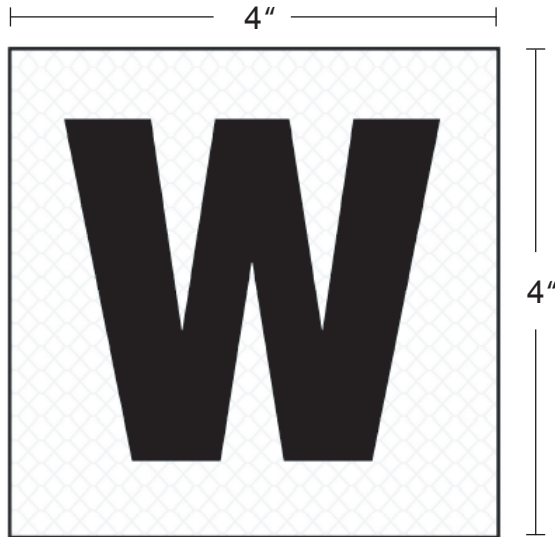
**DAMAGE CONTROL SIGNAGE SKETCH # 002**  
**Yoke (4" x 4"), (3" x 3") and (2" x 2")**



NOTE: RETROREFLECTIVE MATERIAL ( WHITE )  
RED ( SCREENED ) LETTERS  
GRAPHICS ARE NOT TO SCALE

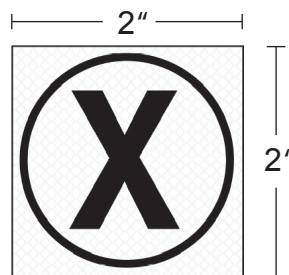
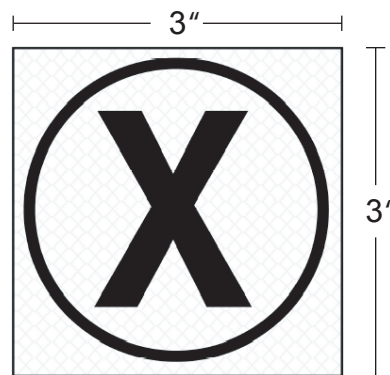
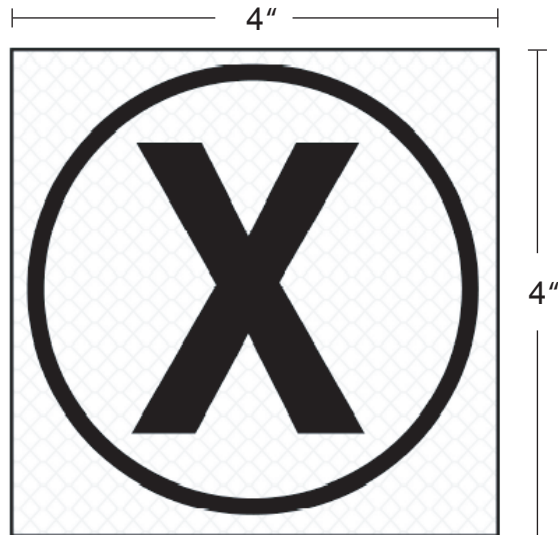
**DAMAGE CONTROL SIGNAGE SKETCH # 003**  
**Zebra (4" x 4"), (3" x 3") and (2" x 2")**





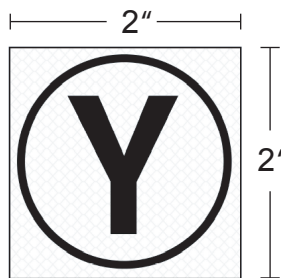
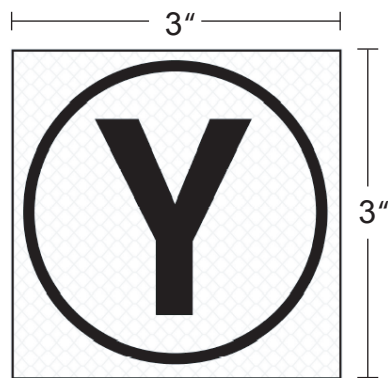
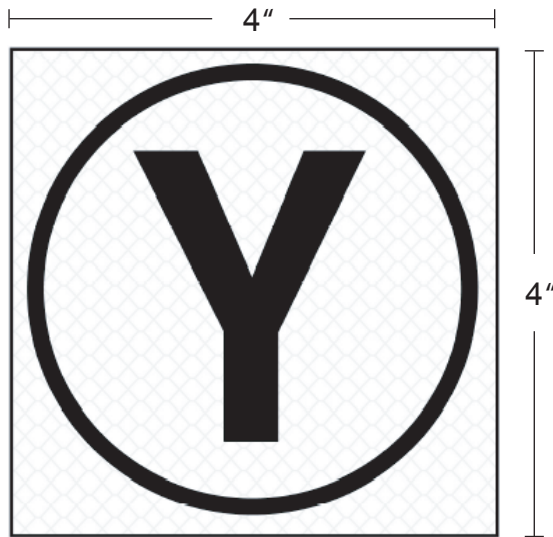
NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
BLACK (SCREENED) LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 004**  
**William (4" x 4"), (3" x 3") and (2" x 2")**



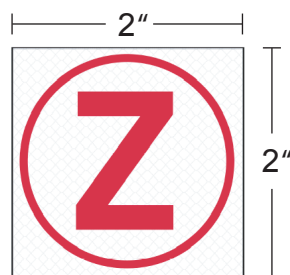
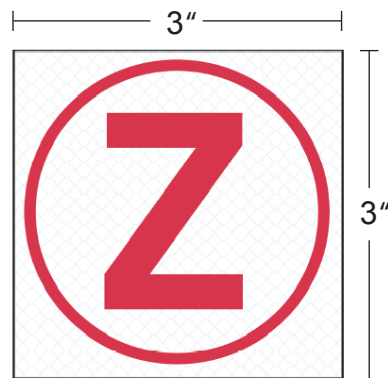
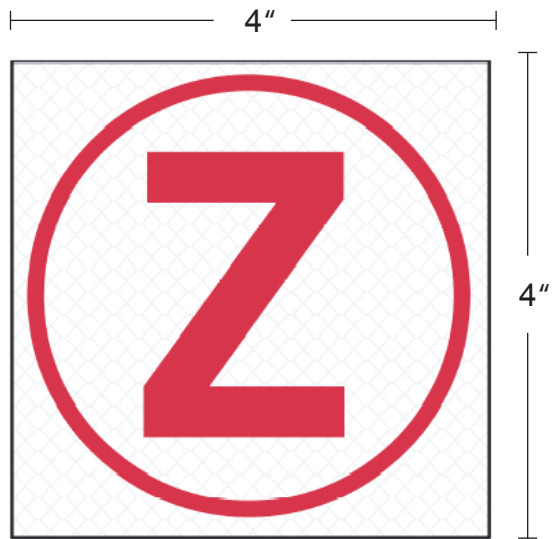
NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
BLACK (SCREENED) LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 005**  
**Circle X-Ray (4" x 4"), (3" x 3") and (2" x 2")**



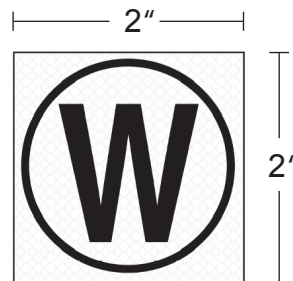
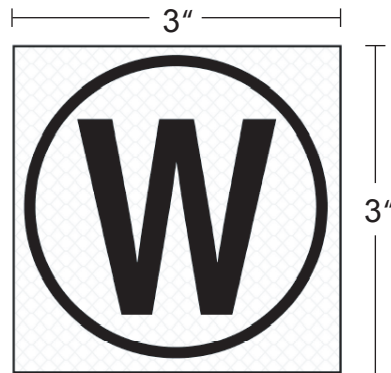
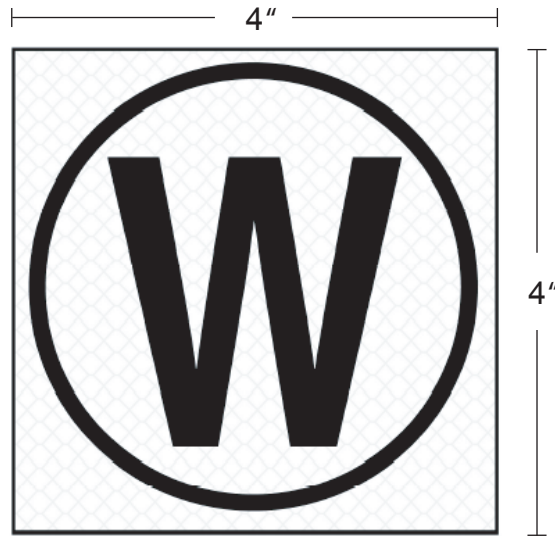
NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
BLACK (SCREENED) LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 006**  
**Circle Yoke (4" x 4"), (3" x 3") and (2" x 2")**



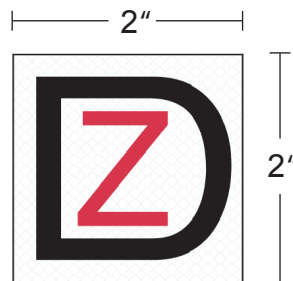
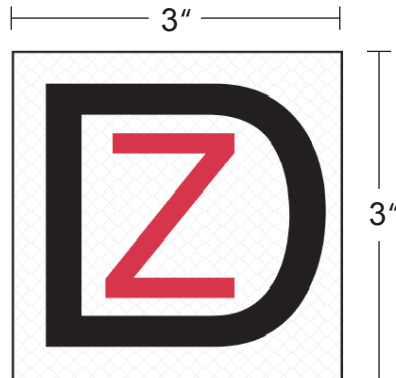
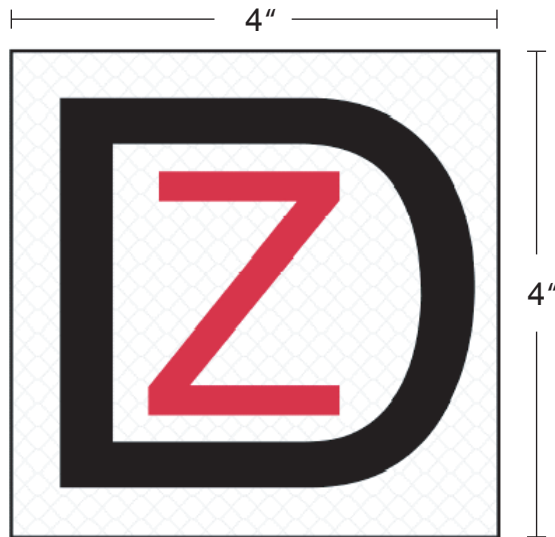
NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
RED (SCREENED) LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 007**  
**Circle Zebra (4" x 4"), (3" x 3") and (2" x 2")**



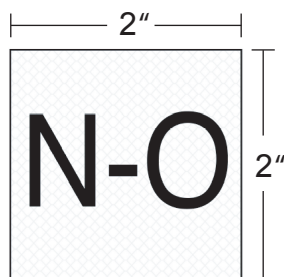
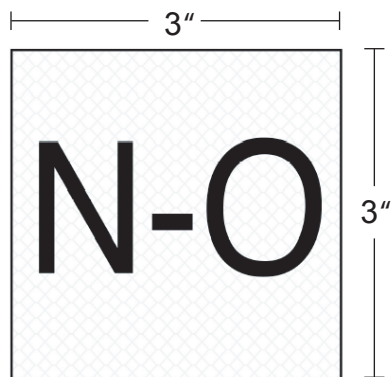
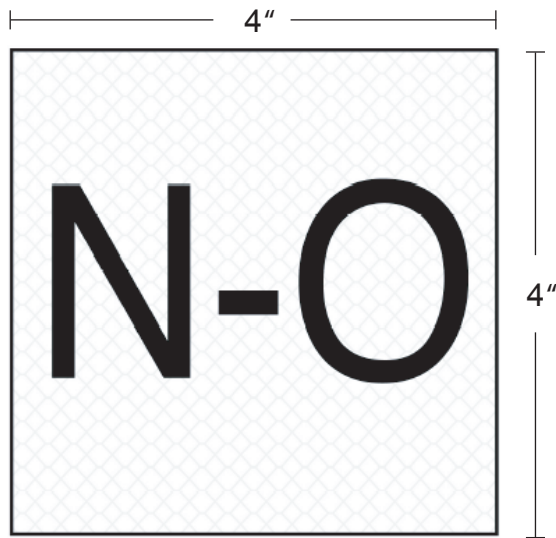
NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
BLACK (SCREENED) LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 008**  
**Circle William (4" x 4"), (3" x 3") and (2" x 2")**



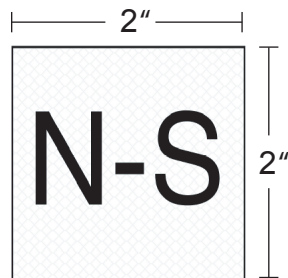
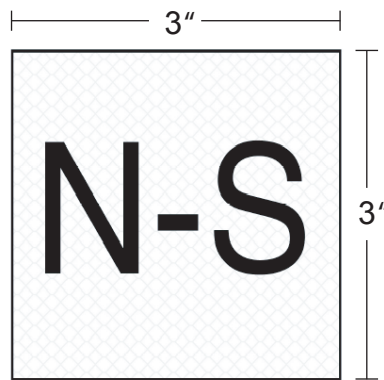
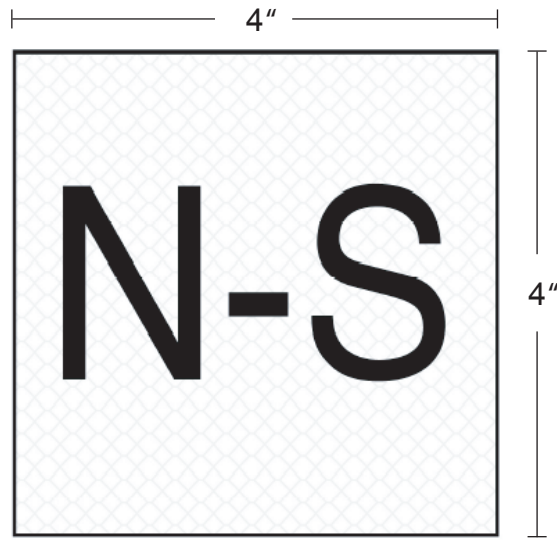
NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
SCREENED ON LETTERS  
D IN BLACK  
Z IN RED  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 009**  
**Darken Ship Zebra (4" x 4"), (3" x 3") and (2" x 2")**



NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
BLACK (SCREENED) LETTERS  
GRAPHICS ARE NOT TO SCALE.

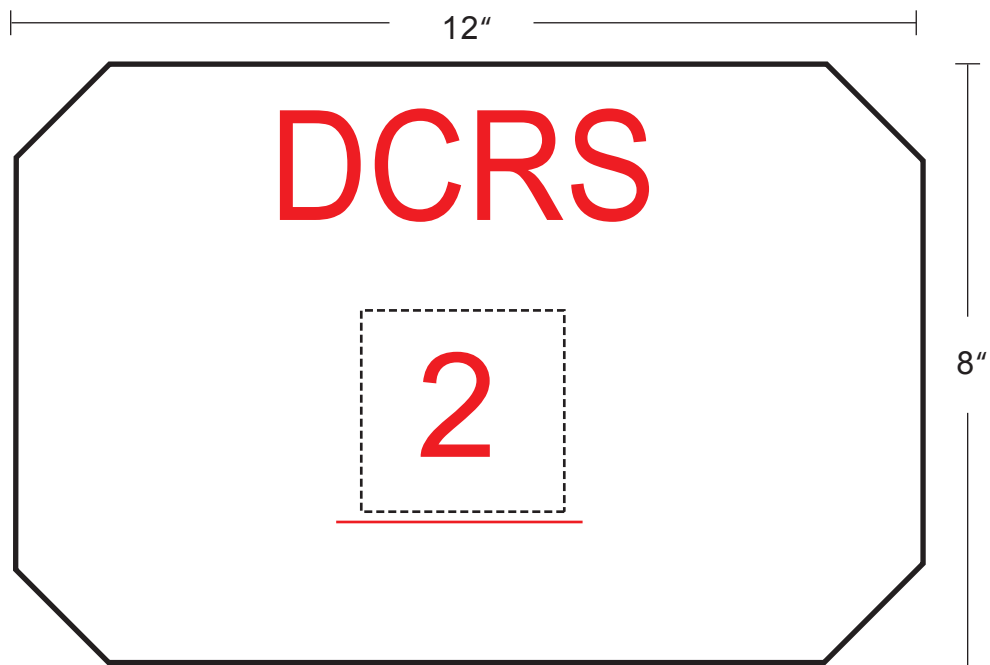
**DAMAGE CONTROL SIGNAGE SKETCH # 010**  
**Normally Open (4" x 4"), (3" x 3") and (2" x 2")**



NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
BLACK (SCREENED) LETTERS  
GRAPHICS ARE NOT TO SCALE.

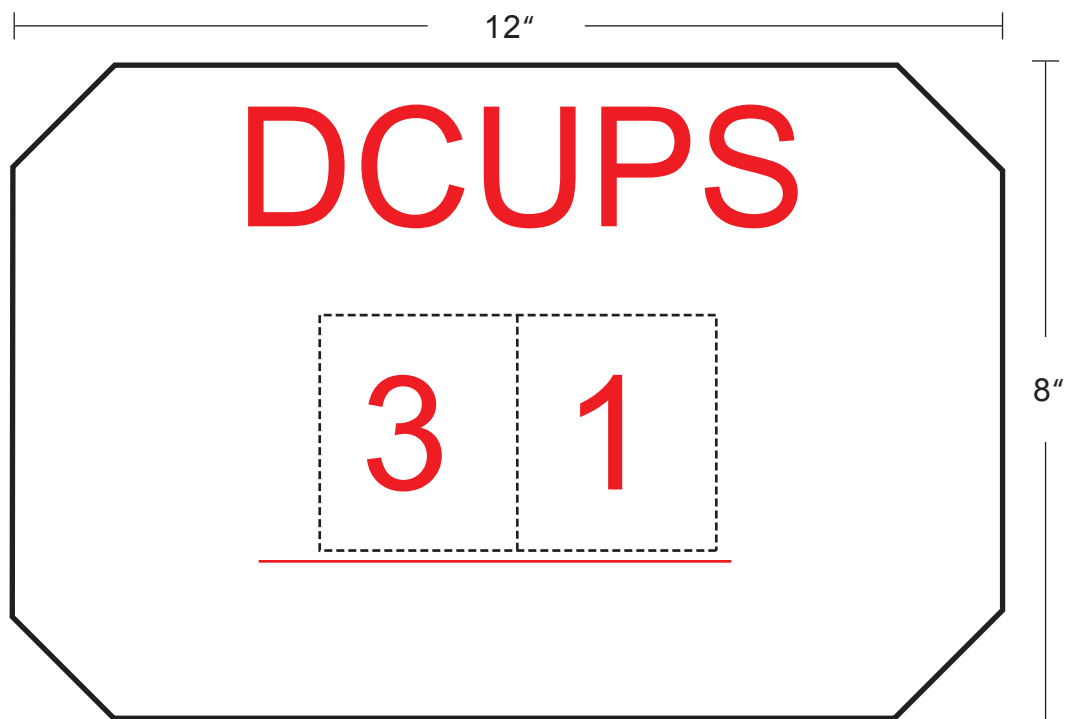
**DAMAGE CONTROL SIGNAGE SKETCH # 011**  
**Normally Shut (4" x 4"), (3" x 3") and (2" x 2")**





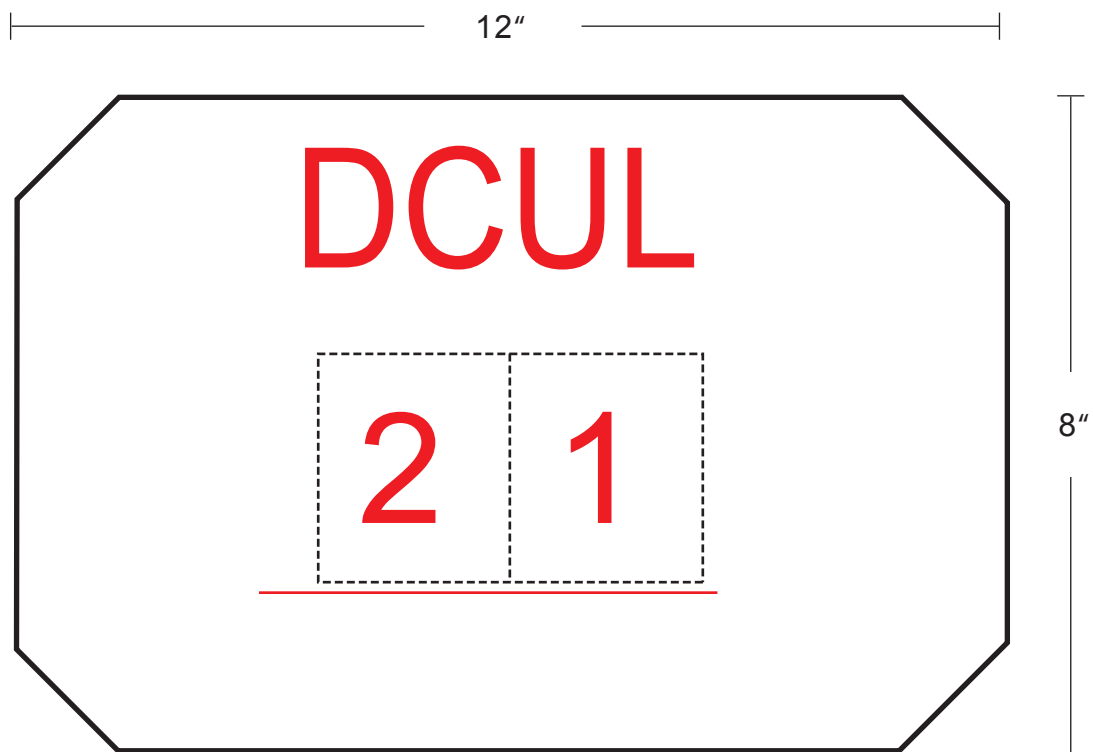
NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
RED (SCREENED) 3" TOP LETTERS AND 2" LOWER LETTER  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 012**  
**DCRS (12" X 8")**



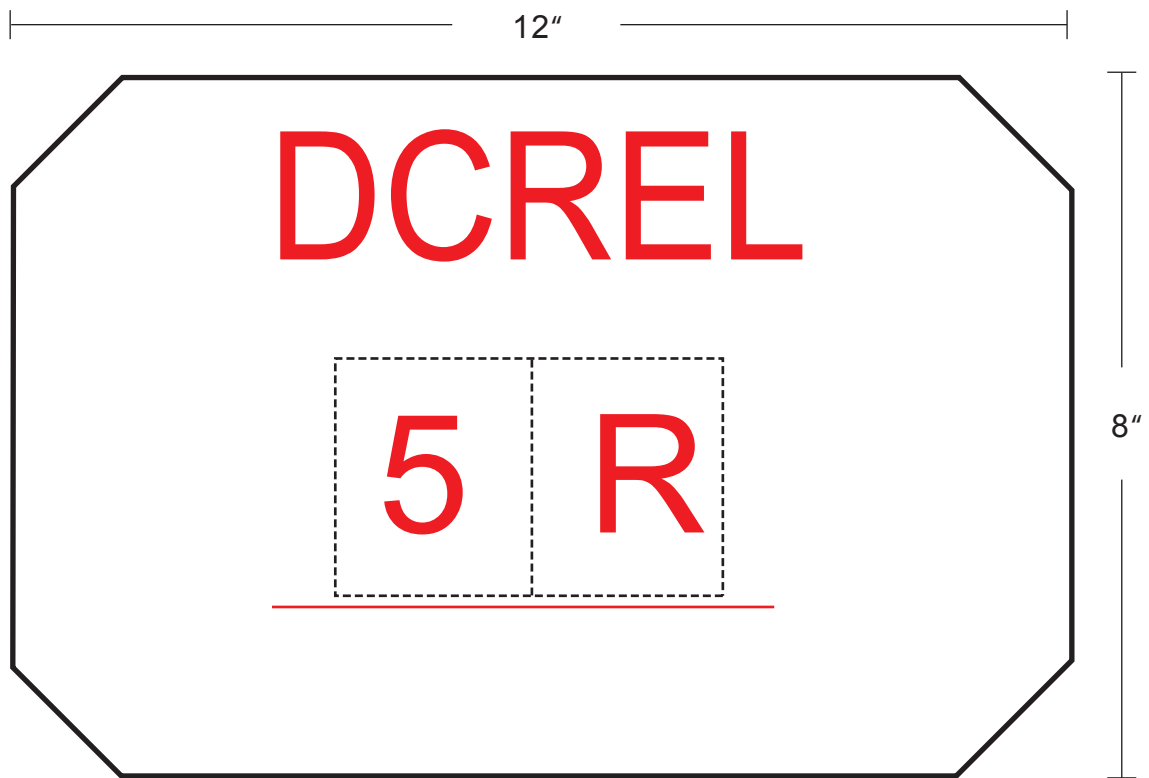
NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
RED (SCREENED) 3" TOP LETTERS AND 2" LOWER LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 013**  
**DCUPS (12" x 8")**



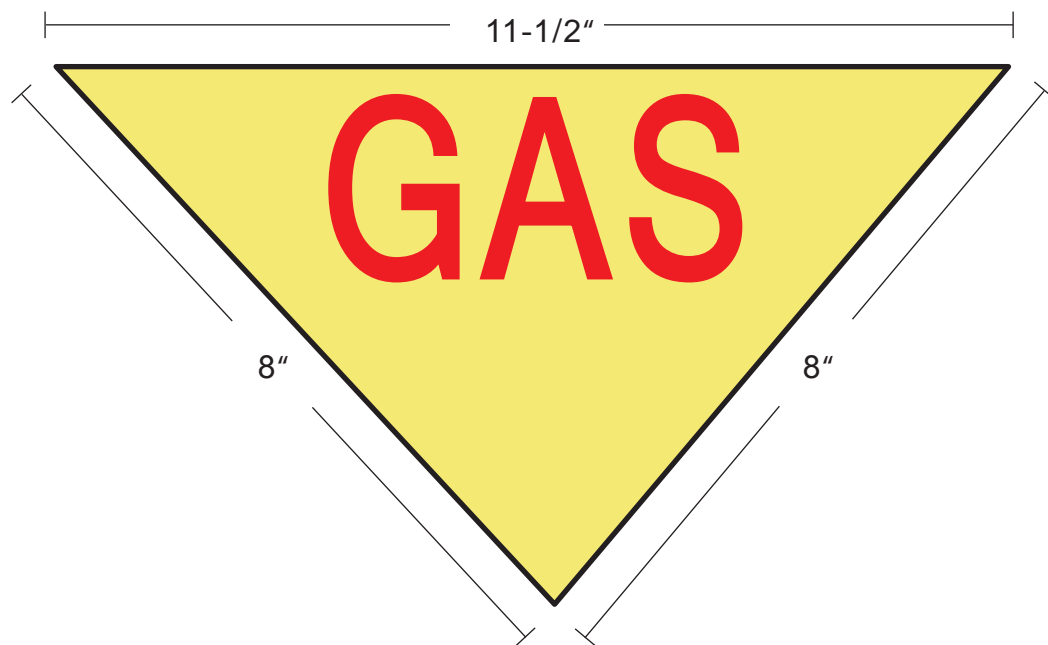
NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
RED (SCREENED) 3" TOP LETTERS AND 2" LOWER LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 014**  
**DCUL (12" x 8")**



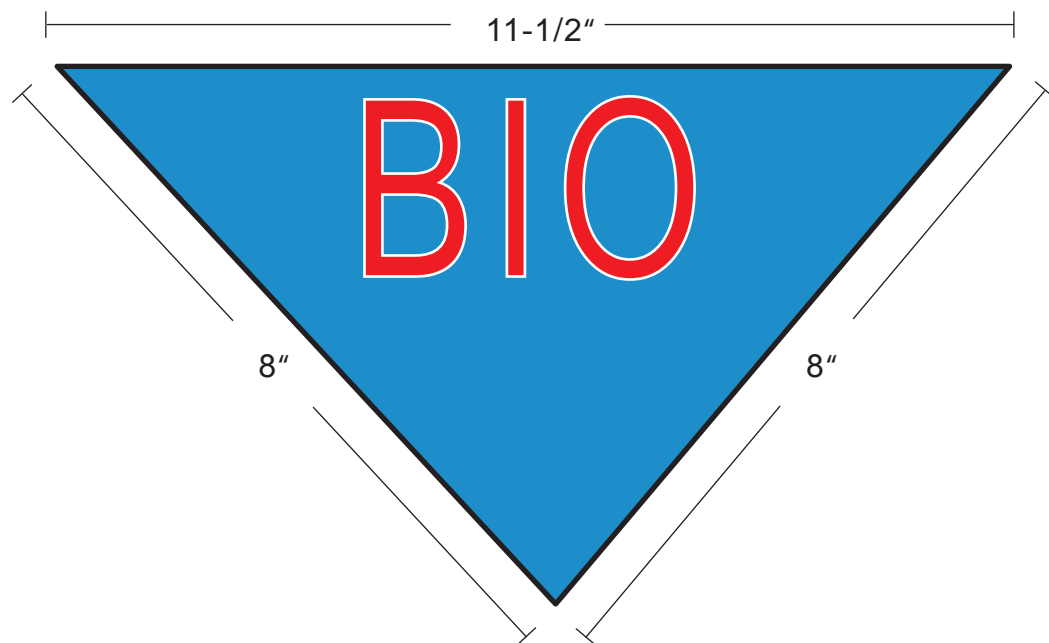
NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
RED (SCREENED) 3" TOP LETTERS AND 2" LOWER LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 015**  
**DCREL (12" x 8")**



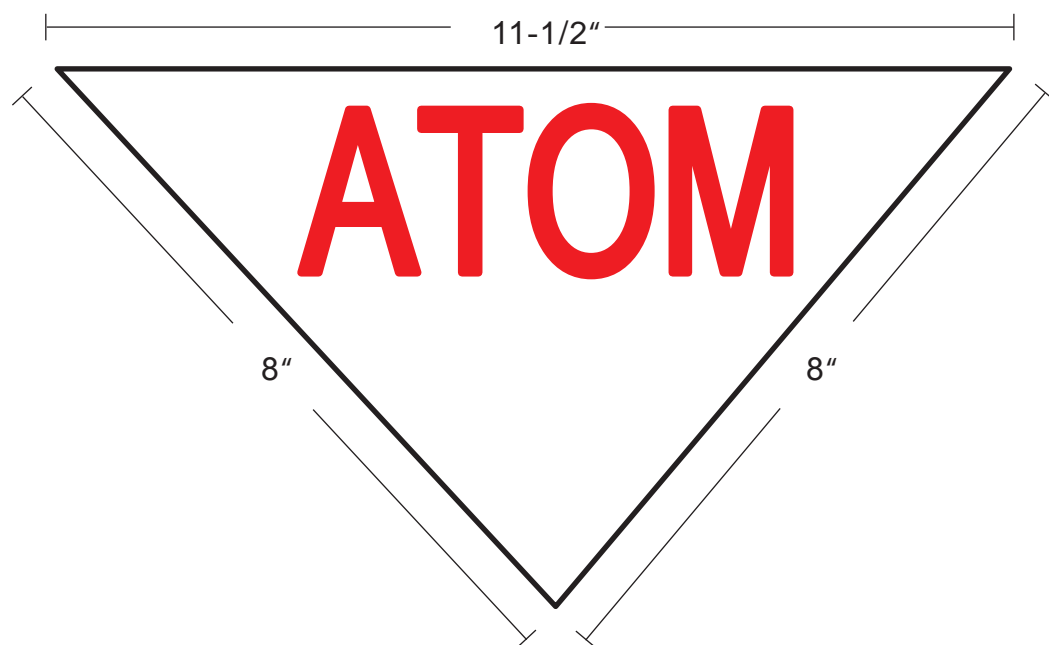
NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
RED (SCREENED) 1-1/2" LETTERS  
GRAPHIC IS NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 016**  
**Markers for CBRD Contaminated Areas – Chemical**  
**(11-1/2" x 8" x 8")**



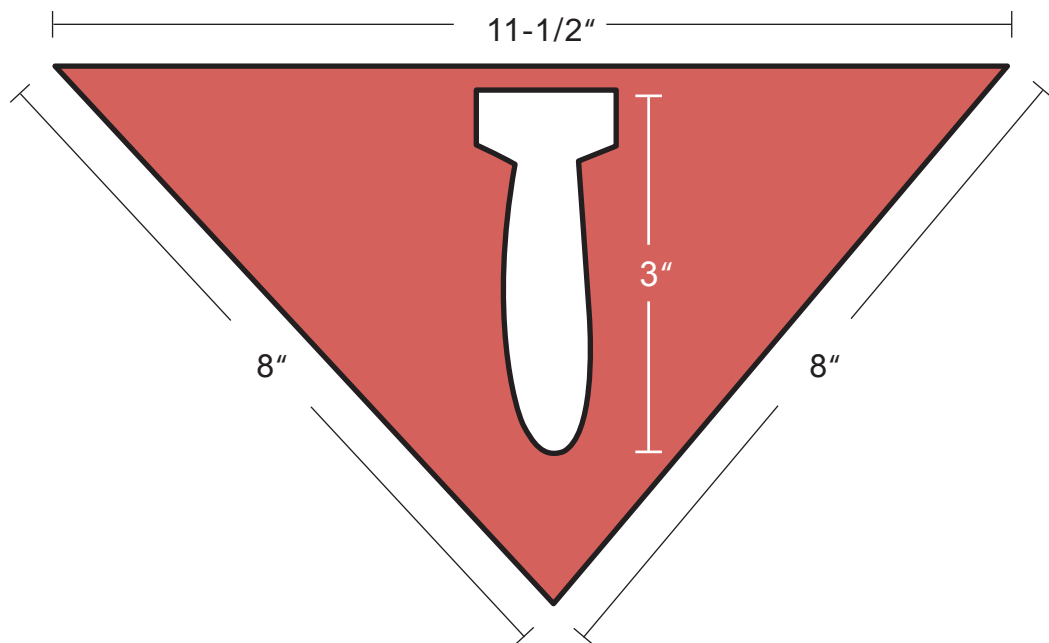
NOTE: RETROREFLECTIVE MATERIAL (BLUE)  
RED (SCREENED) 1-1/2" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 017**  
**Markers for CBRD Contaminated Areas – Biological**  
**(11-1/2" x 8" x 8")**



NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
RED (SCREENED) 1-1/2" LETTERS  
GRAPHIC IS NOT TO SCALE.

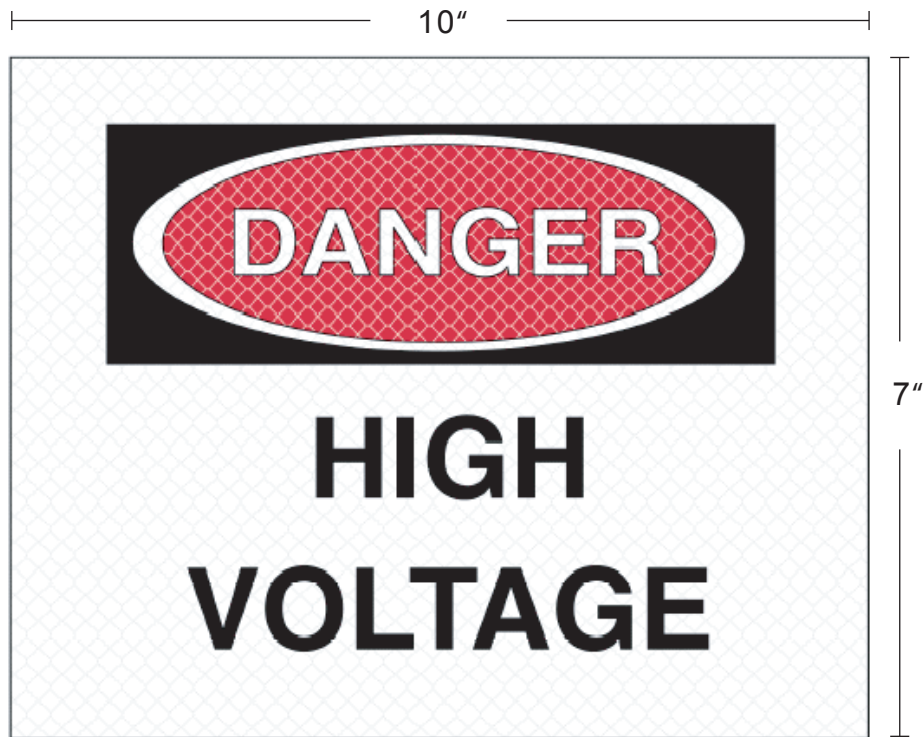
**DAMAGE CONTROL SIGNAGE SKETCH # 018**  
**Markers for CBRD Contaminated Areas - Radiological**  
**(11-1/2" x 8" x 8")**



NOTE: RETROREFLECTIVE MATERIAL (RED)  
SYMBOL (SCREENED) 3" WHITE  
GRAPHIC IS NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 019**  
**Markers for CBRD Contaminated Areas**  
**Unexploded Munition (11-1/2" x 8" x 8")**





NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
DANGER IN 1" WHITE LETTERS WITH RED BACKGROUND  
HIGH VOLTAGE IN 1" BLACK LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 020**  
**DANGER, HIGH VOLTAGE (10" x 7")**



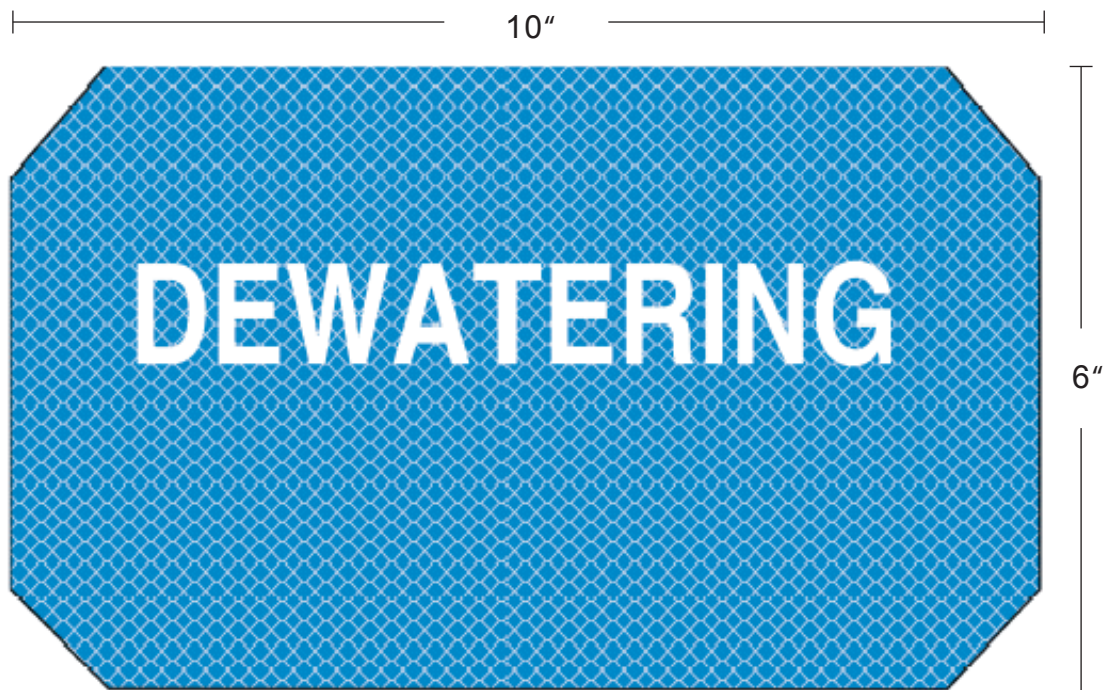
NOTE: RETROREFLECTIVE MATERIAL (RED)  
WHITE (SCREENED) 1" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 021**  
**FF DRESSOUT (10" x 6")**



NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
WHITE (SCREENED) 1" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 022**  
**DESMOKING (10" x 6")**



NOTE: RETROREFLECTIVE MATERIAL (BLUE)  
WHITE (SCREENED) 1" LETTERS  
GRAPHIC IS NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 023**  
**DEWATERING (10" x 6")**





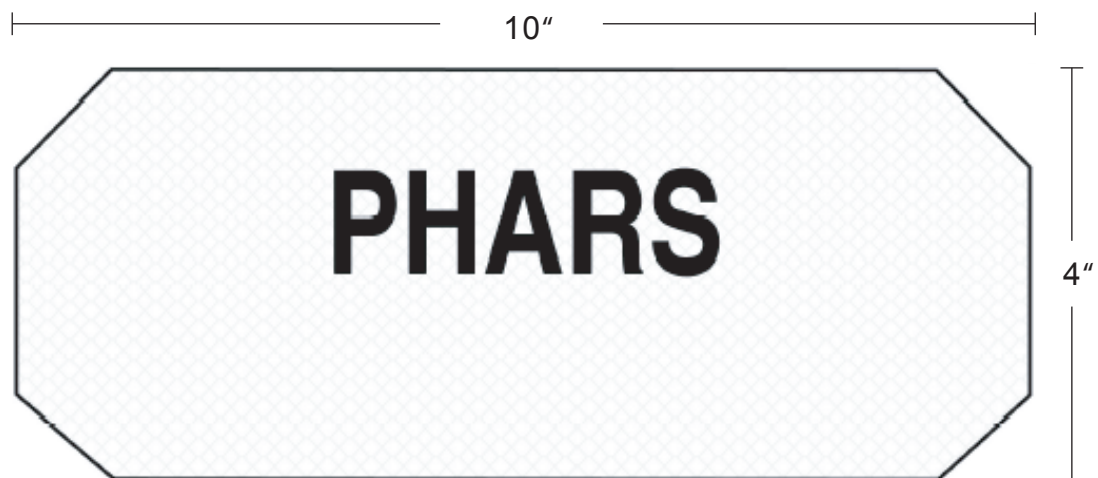
NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
RED (SCREENED) 1" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 024**  
**SHORING (10" x 6")**



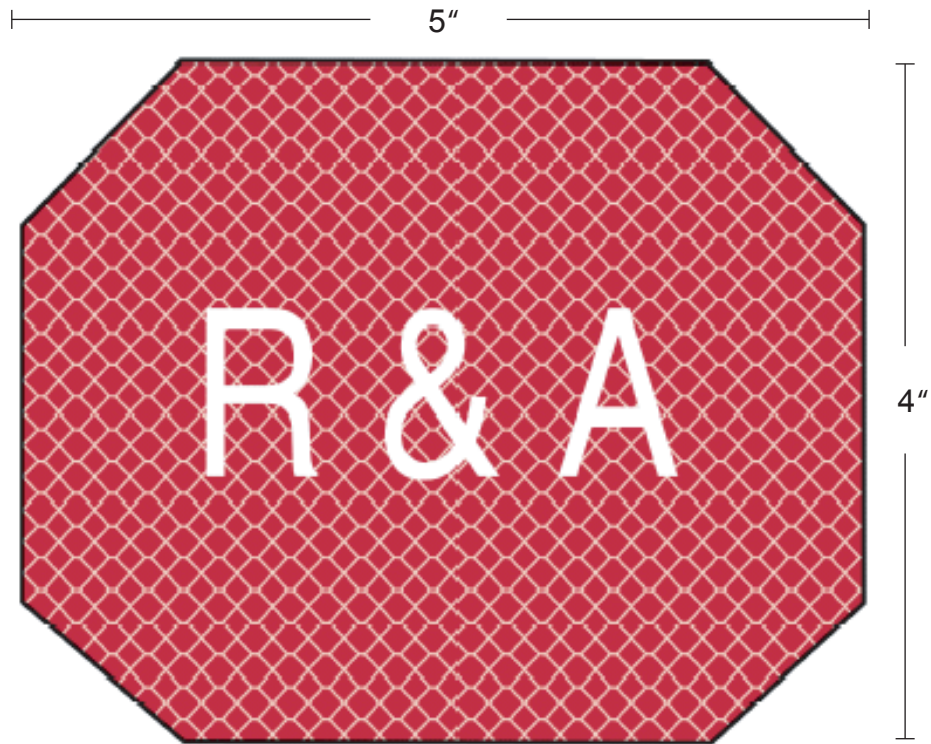
NOTE: RETROREFLECTIVE MATERIAL (GREEN)  
WHITE (SCREENED) 1" LETTERS  
GRAPHIC IS NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 025**  
**GAS FREE ENG (10" x 6")**



NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
BLACK (SCREENED) 1" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

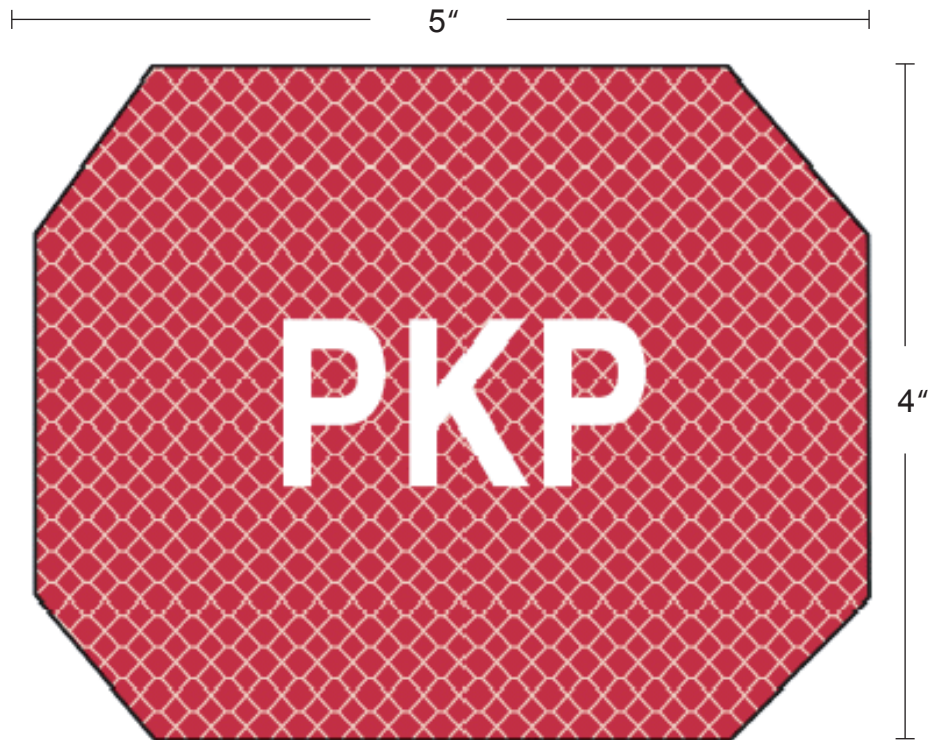
**DAMAGE CONTROL SIGNAGE SKETCH # 026**  
**PHARS (10" x 4")**



NOTE: RETROREFLECTIVE MATERIAL (RED)  
WHITE (SCREENED) 1" LETTERS  
GRAPHIC IS NOT TO SCALE.

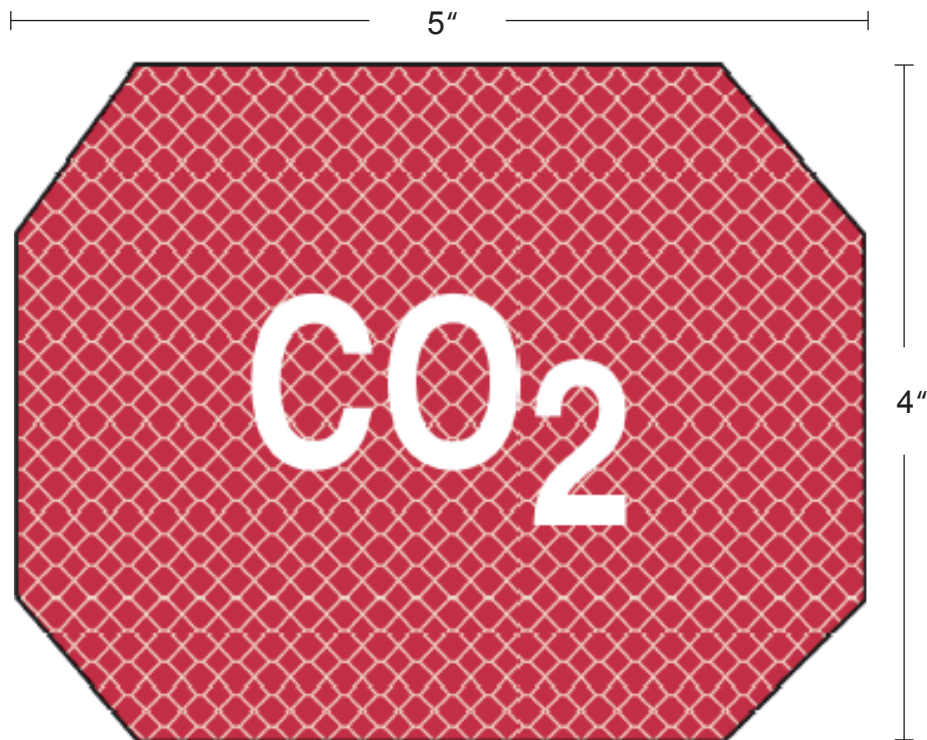
**DAMAGE CONTROL SIGNAGE SKETCH # 027**  
**R & A (5" x 4")**





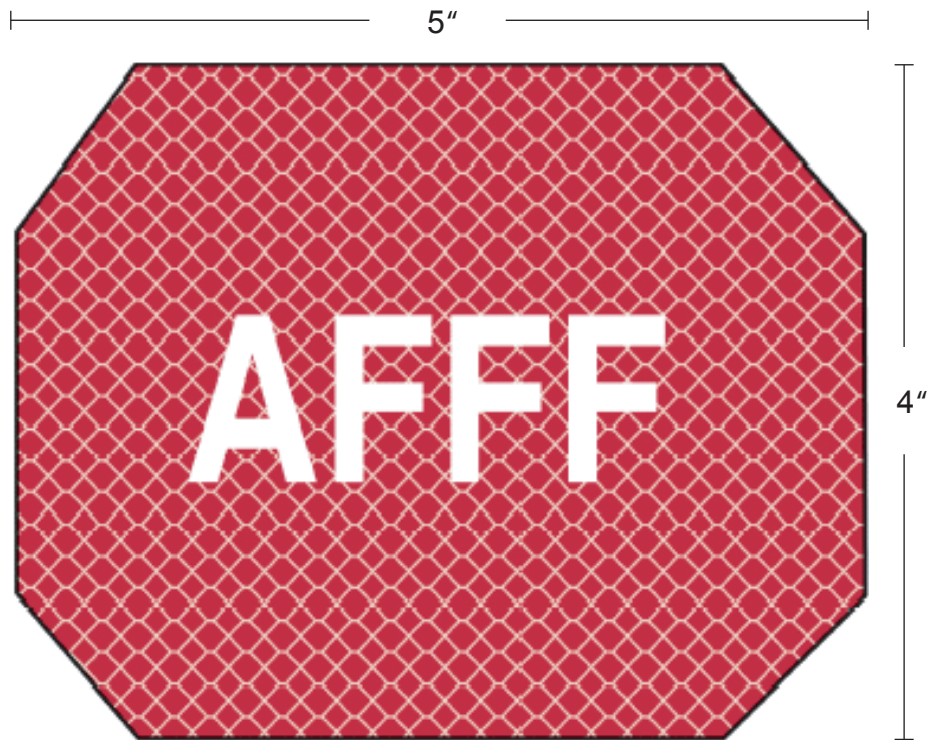
NOTE: RETROREFLECTIVE MATERIAL (RED)  
WHITE (SCREENED) 1" LETTERS  
GRAPHIC IS NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 028**  
**PKP (5" x 4")**



NOTE: RETROREFLECTIVE MATERIAL (RED)  
WHITE (SCREENED) 1" LETTERS  
GRAPHIC IS NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 029**  
**CO<sub>2</sub> (5" x 4")**



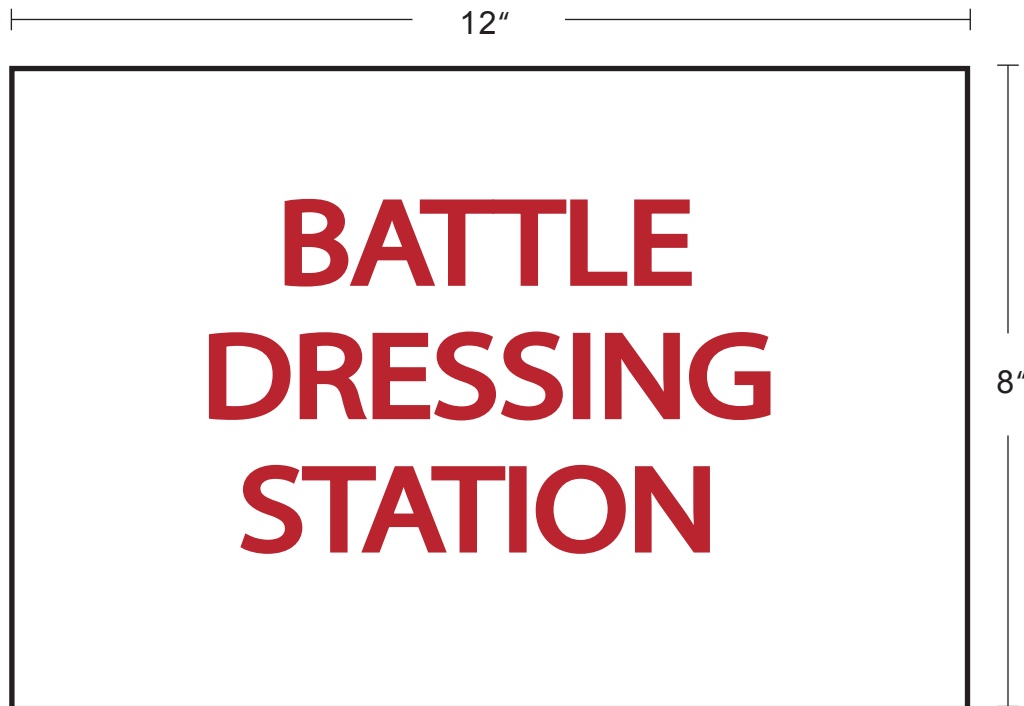
NOTE: RETROREFLECTIVE MATERIAL (RED)  
WHITE (SCREENED) 1" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 030**  
**AFFF (5" x 4")**



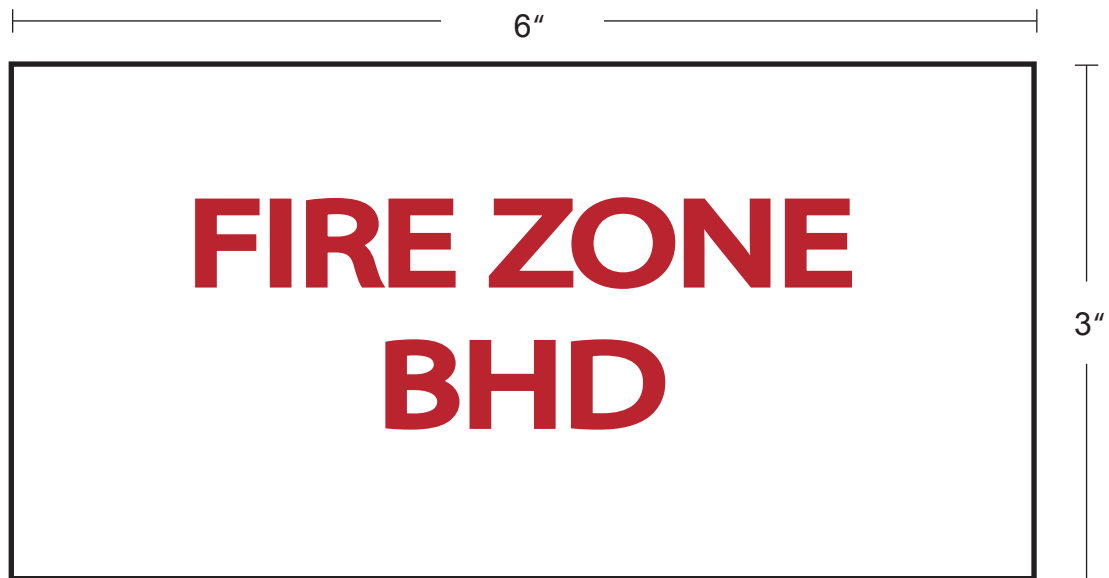
NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
GREEN (SCREENED) 1" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 031**  
**DECON STATION (12" x 8")**



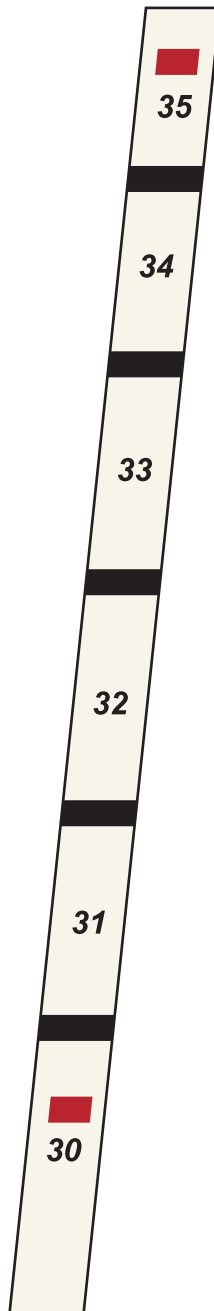
NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
RED (SCREENED) 1" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 032**  
**BATTLE DRESSING STATION (12" x 8")**



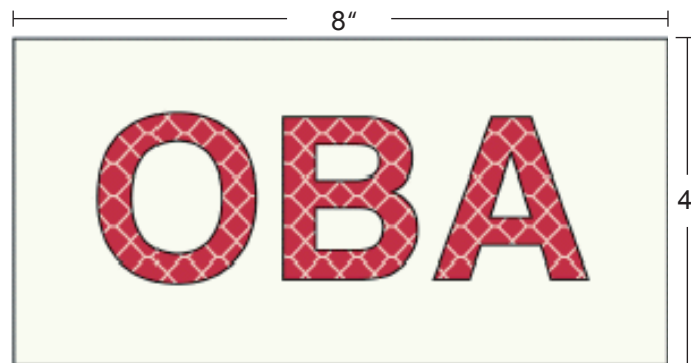
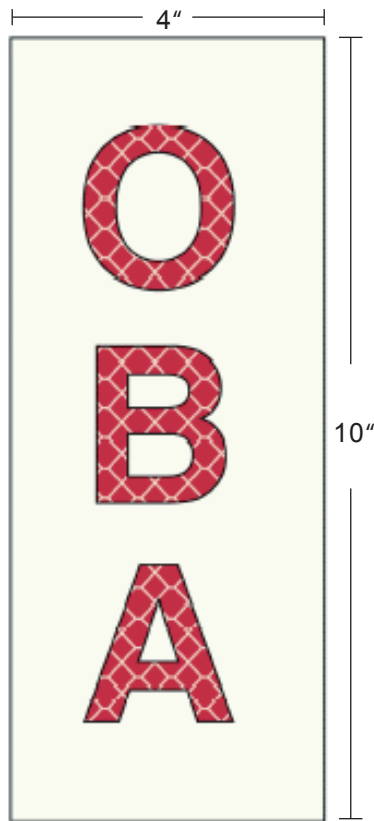
NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
RED (SCREENED) 1/2" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 033**  
**FIRE ZONE BHD (6" x 3")**



NOTE: GRAPHIC IS NOT TO SCALE.

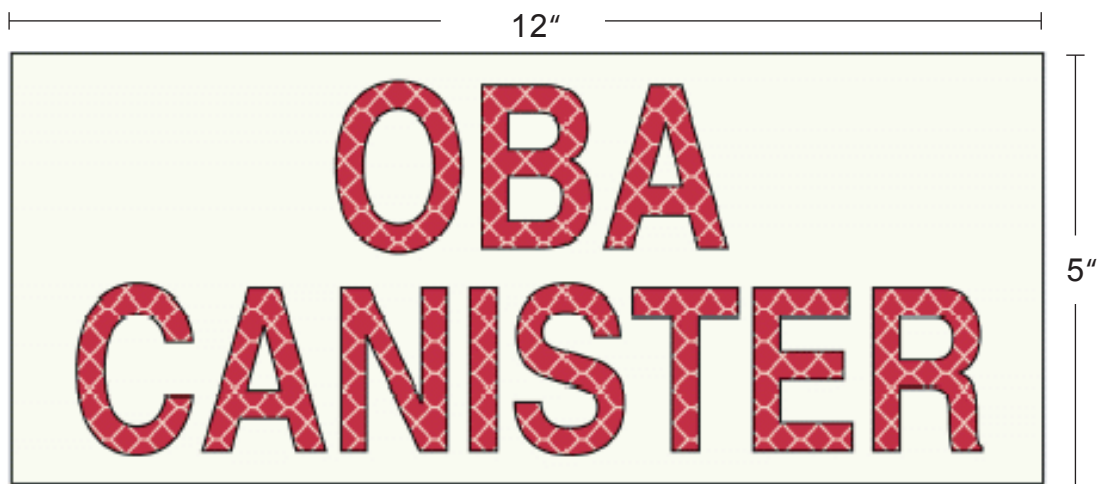
**DAMAGE CONTROL SIGNAGE SKETCH # 034**  
**Reflective Escape Trunk Markings**  
**( 2" x 45" ROLL )**



NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE 2" LETTERS  
GRAPHICS ARE NOT TO SCALE.

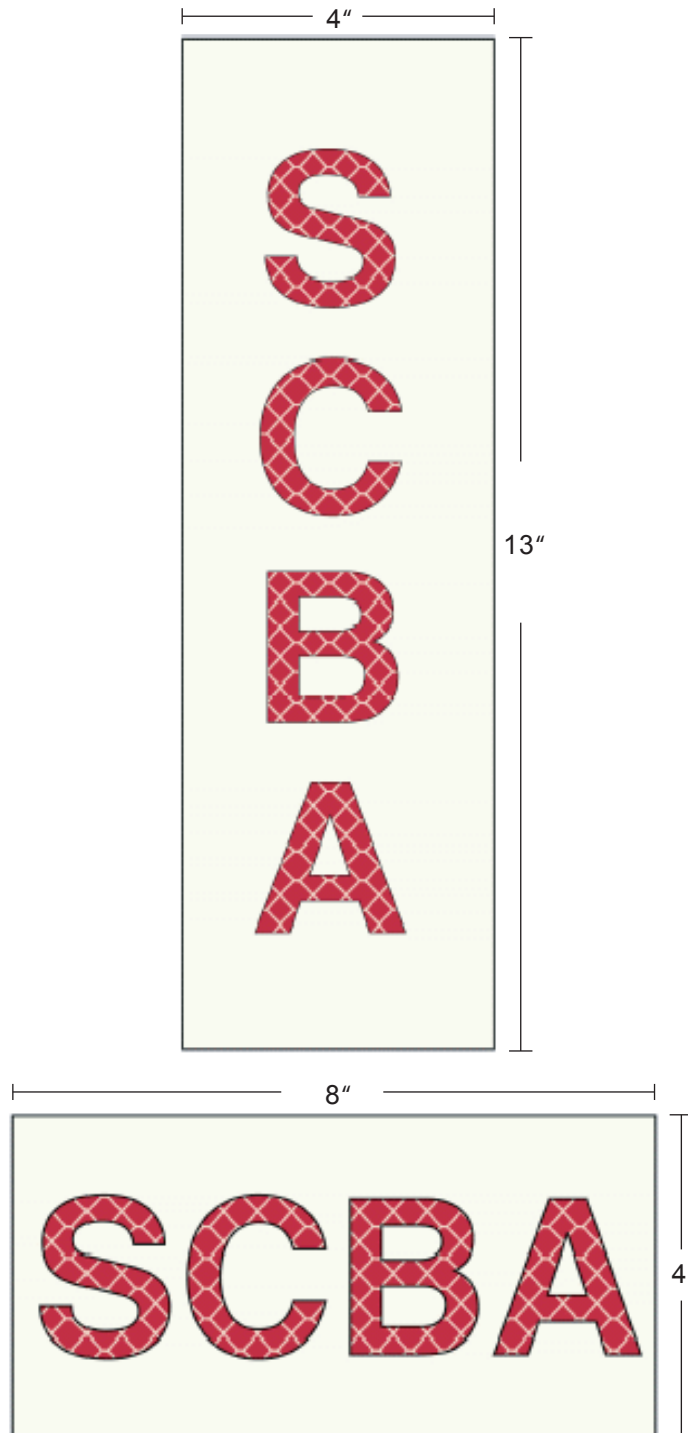
**DAMAGE CONTROL SIGNAGE SKETCH # 035**  
**OBA (4" x 10" vertical) and (8" x 4" horizontal)**





NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE 2" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 036**  
**OBA CANISTER (12" x 5")**



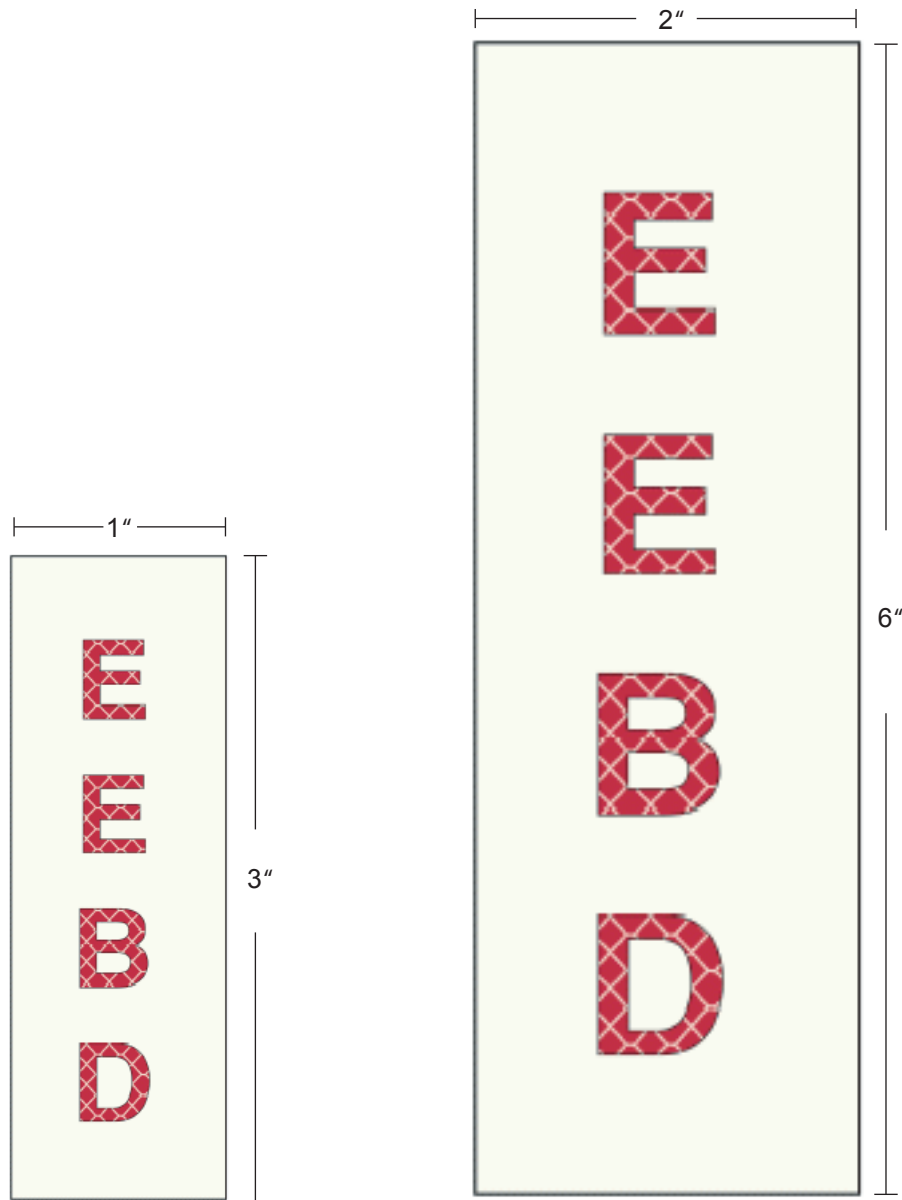
NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE 2" LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 037**  
**SCBA (4" x 13" vertical) and (8" x 4" horizontal)**



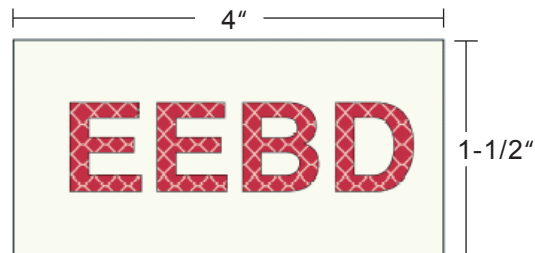
NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE 2" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 038**  
**CYLINDERS (14" x 4")**



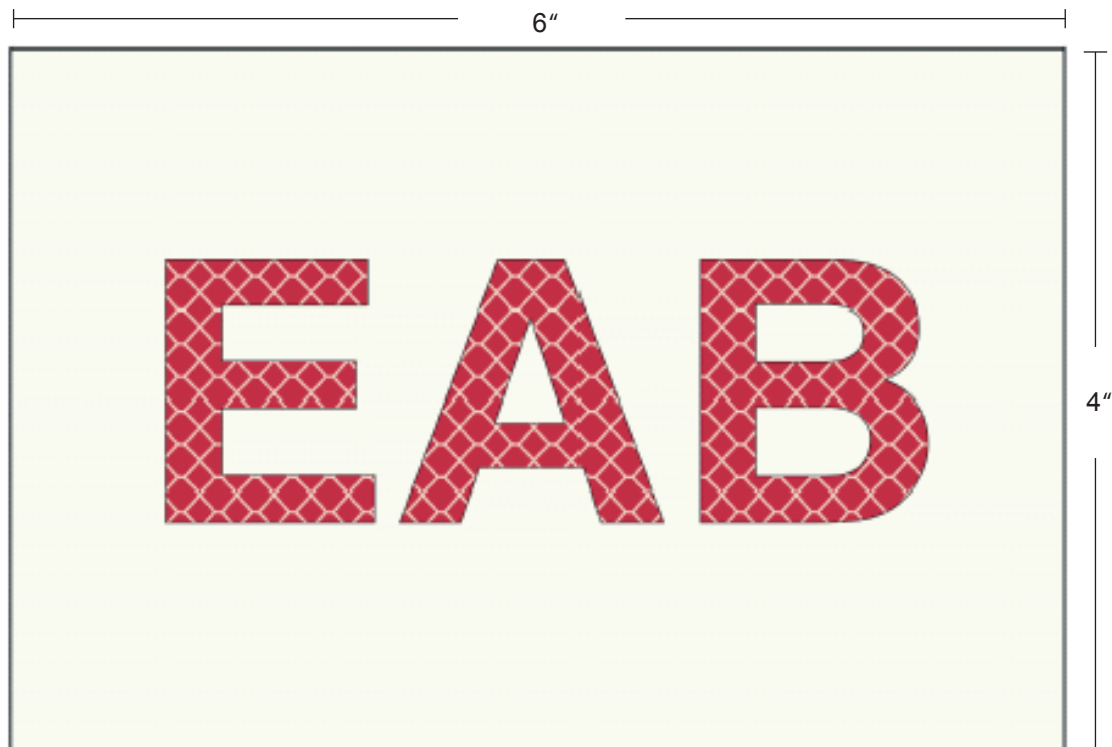
NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 039**  
**EEBD (1" x 3" vertical) and (2" x 6" vertical)**



NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 040**  
**EEBD (3" x 1" horizontal), (4" x 1-1/2" horizontal)**  
**and (8" x 4" horizontal)**



NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE 1-1/2" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 041**  
**EAB (6" x 4")**



NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE 6" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

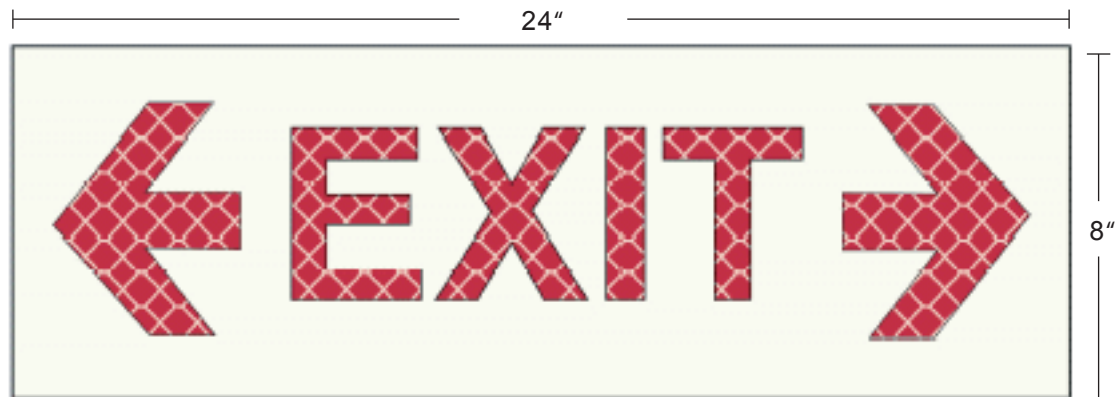
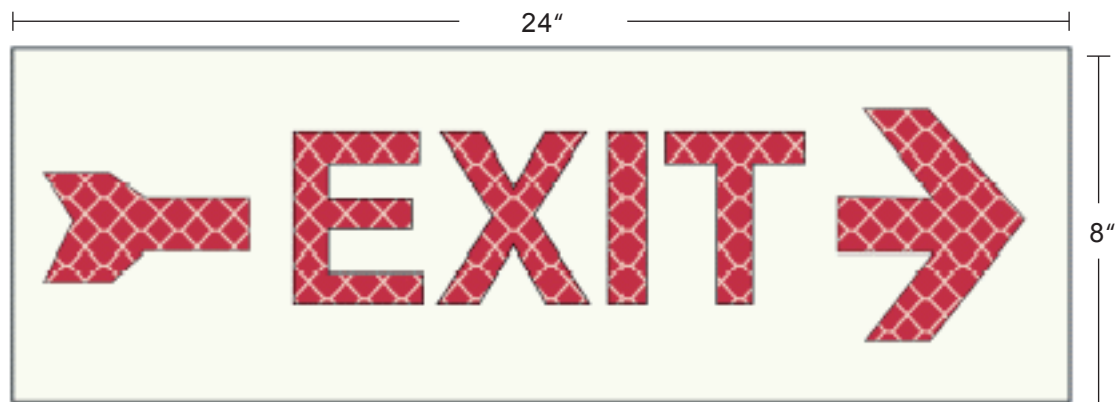
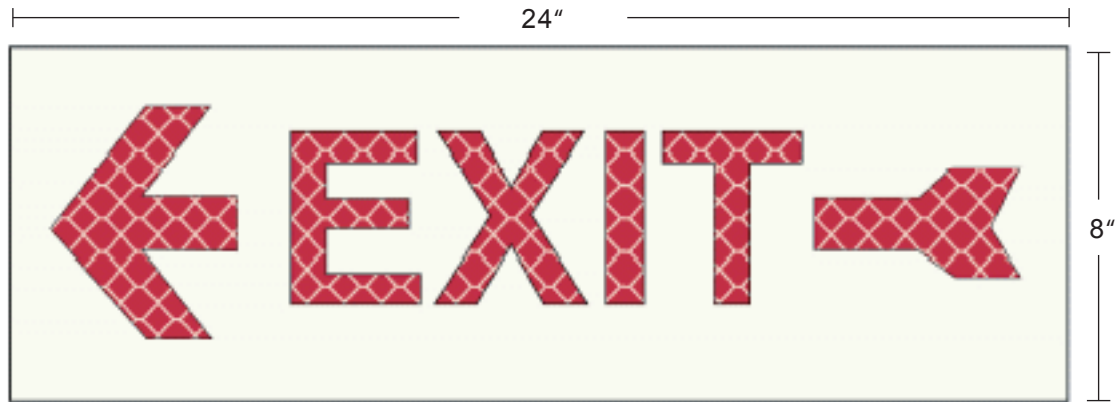
**DAMAGE CONTROL SIGNAGE SKETCH # 042**  
**EXIT (12" x 8")**



NOTE: PHOTOLUMINESCENT MATERIAL  
GREEN RETROREFLECTIVE 3" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

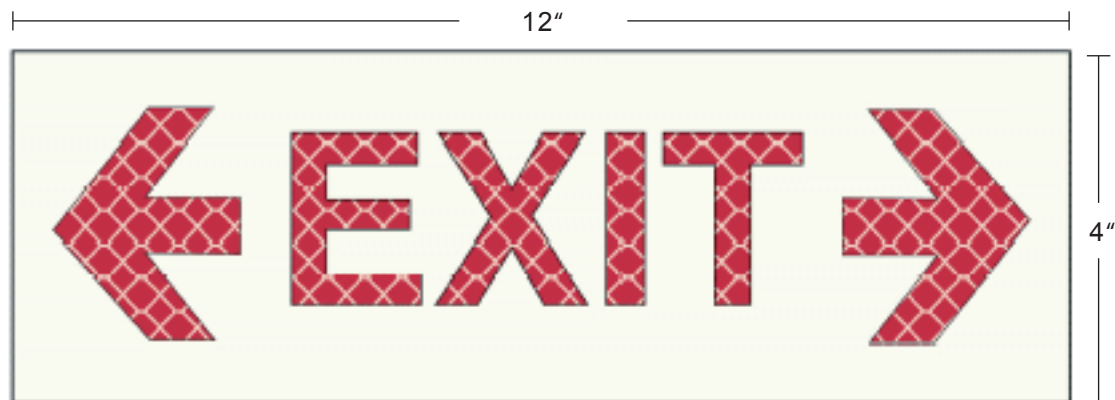
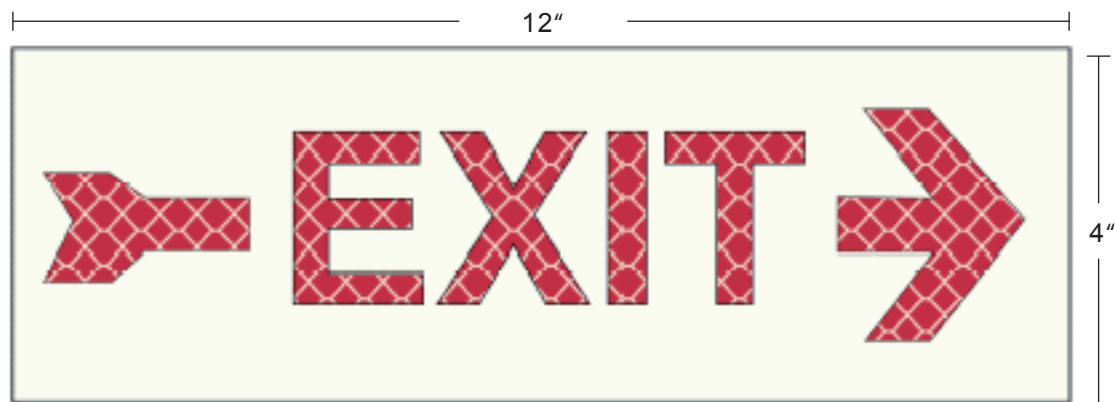
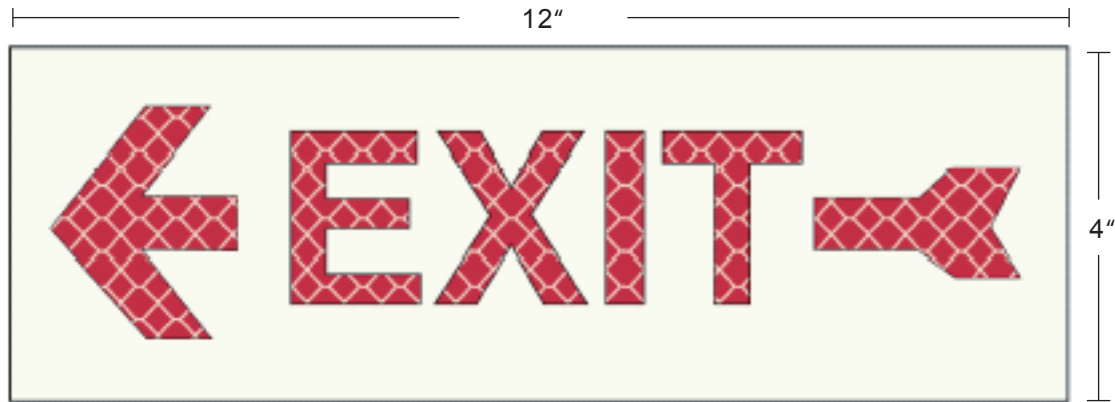
**DAMAGE CONTROL SIGNAGE SKETCH # 043**  
**NO EXIT (10" x 9")**





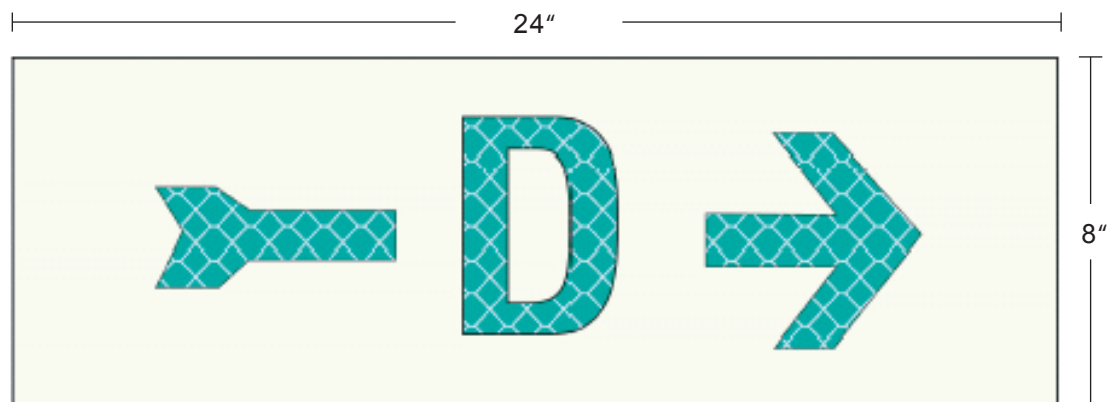
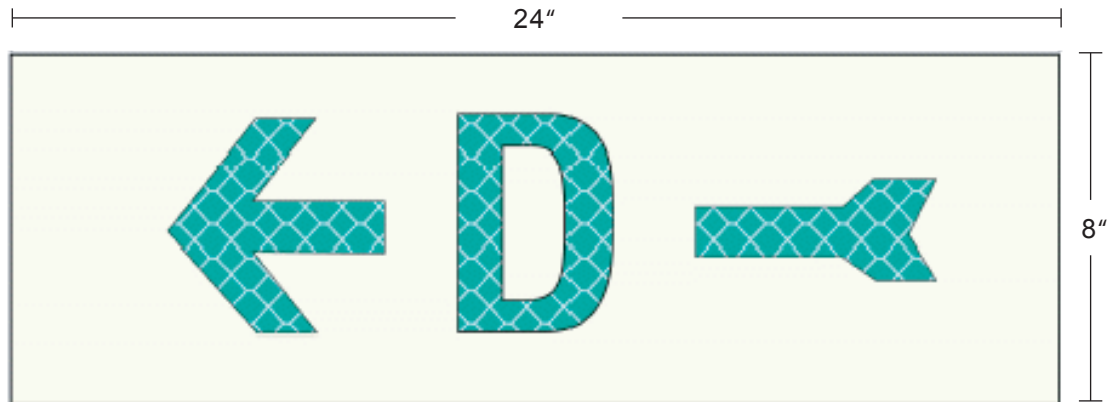
NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE 3" LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 044**  
**EXIT (24" x 8" left arrow), (24" x 8" right arrow)**  
**and (24" x 8" double arrow)**



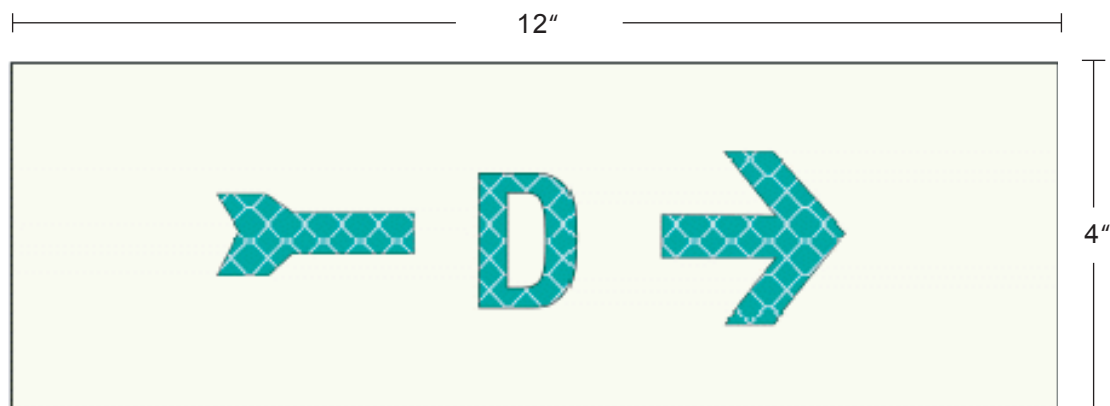
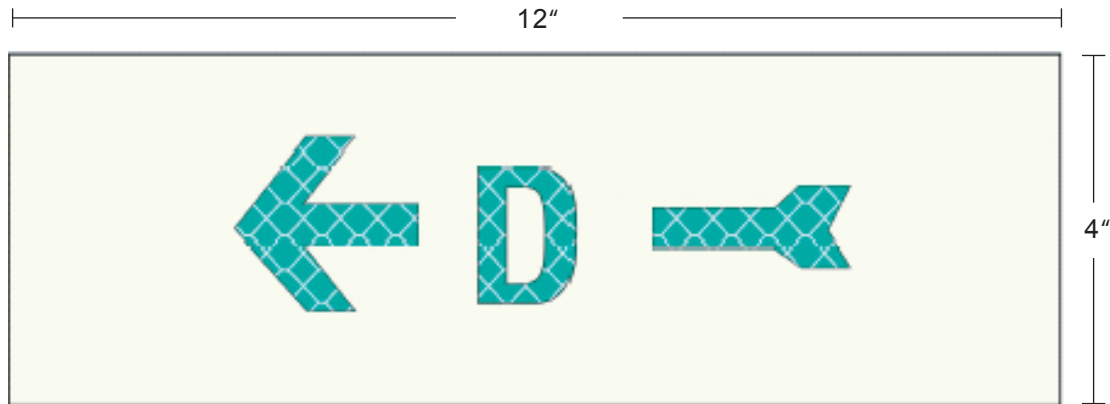
NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE 1-1/2" LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 045**  
**EXIT (12" x 4" left arrow), (12" x 4" right arrow)**  
**and (12" x 4" double arrow)**



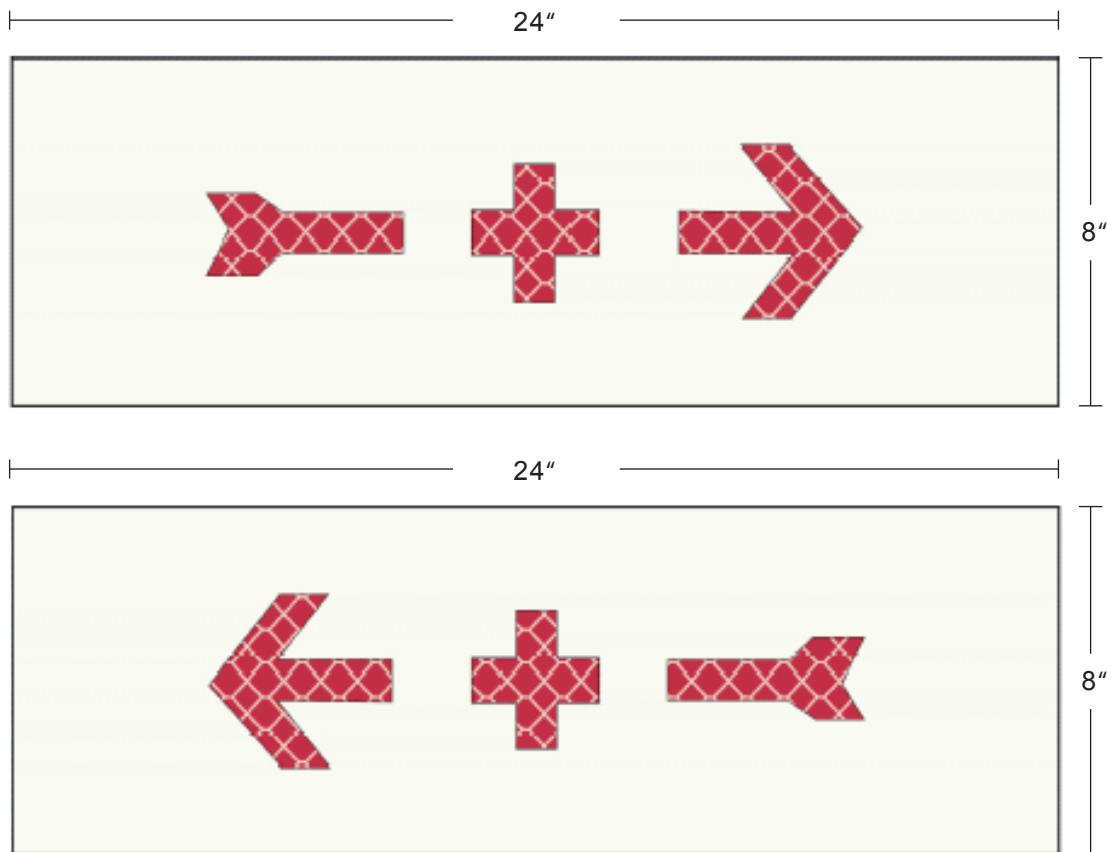
NOTE: PHOTOLUMINESCENT MATERIAL  
GREEN RETROREFLECTIVE 5" LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 046**  
**D (24" x 8" left arrow) and (24" x 8" right arrow)**



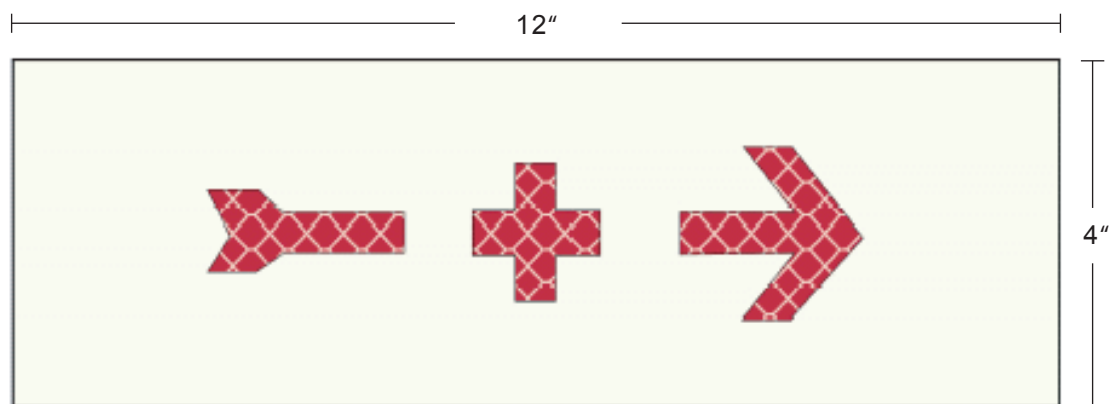
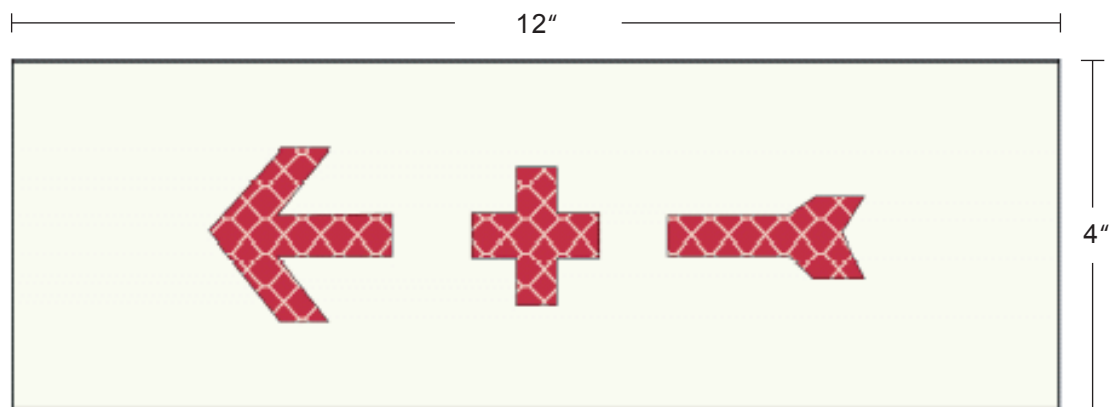
NOTE: PHOTOLUMINESCENT MATERIAL  
GREEN RETROREFLECTIVE 1-1/2" LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 047**  
**D (12" x 4" left arrow) and (12" x 4" right arrow)**



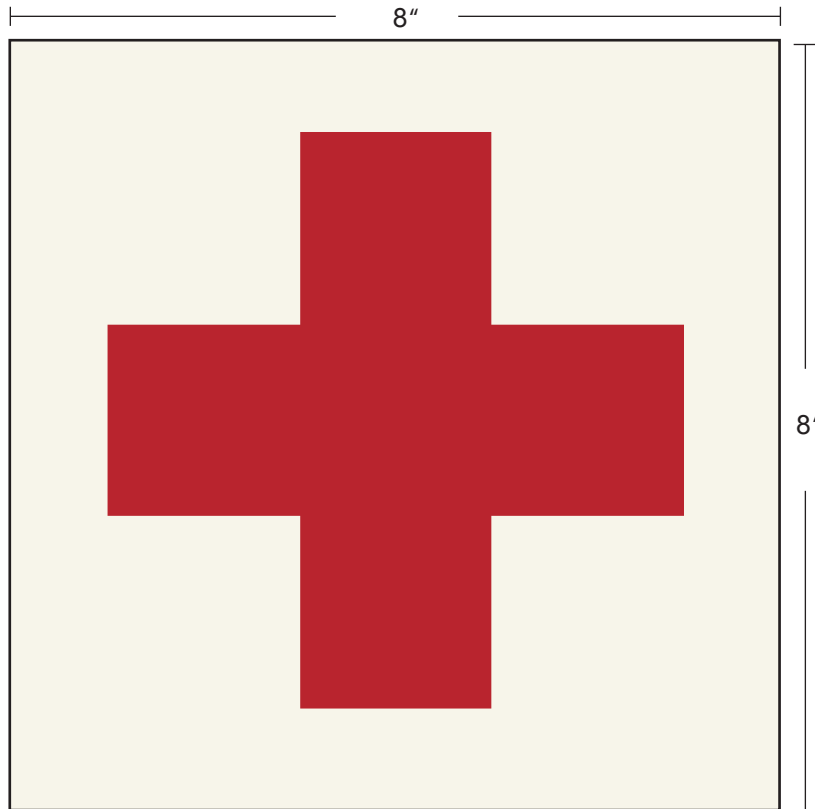
NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE 3-1/2" LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 048**  
**+ (24" x 8" left / right arrow)**



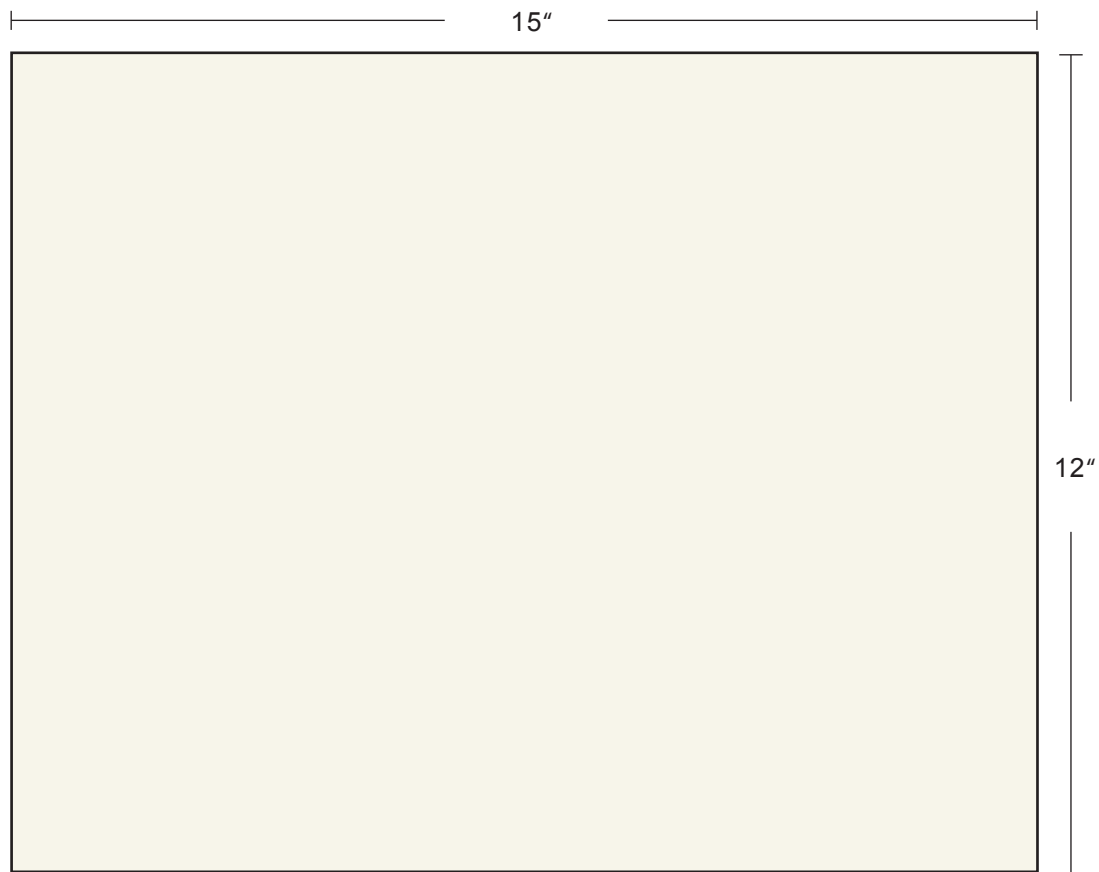
NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE 1-5/8" LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 049**  
**+ (12" x 4" left / right arrow)**



NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE 6" LETTER  
*GRAPHIC IS NOT TO SCALE.*

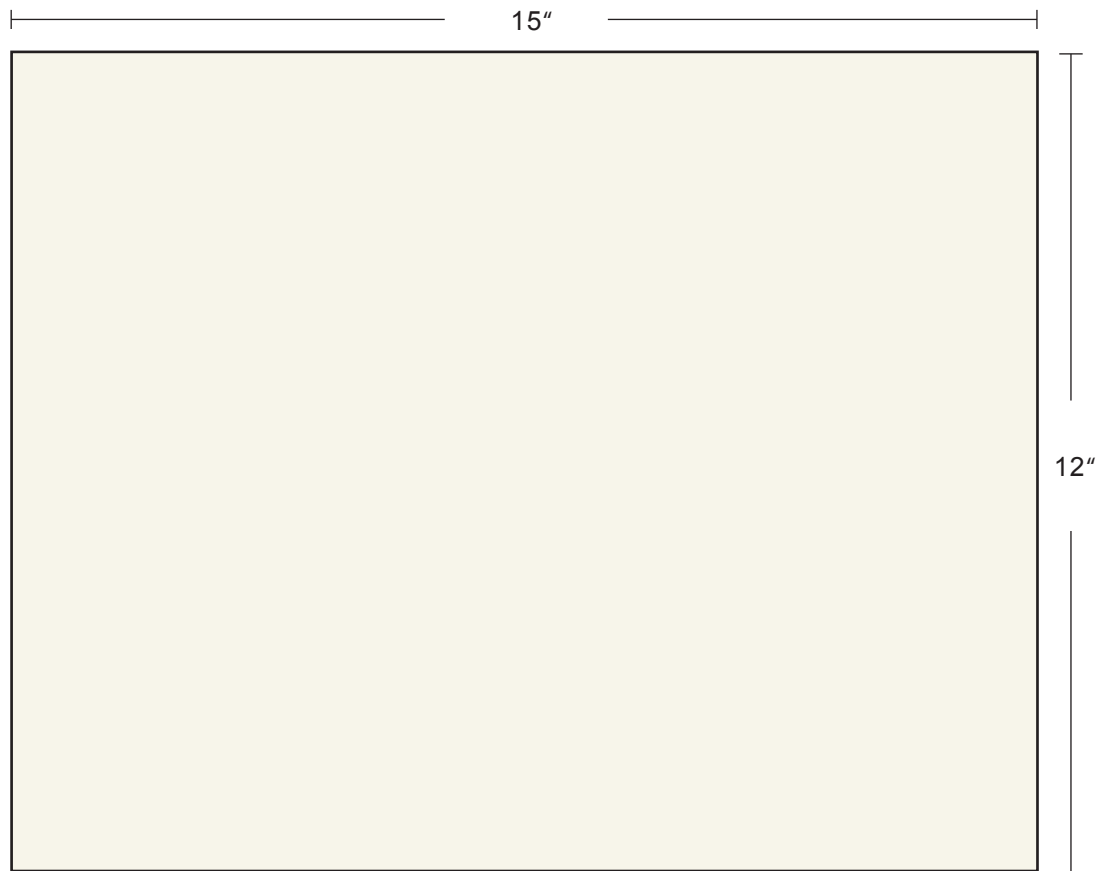
**DAMAGE CONTROL SIGNAGE SKETCH # 050**  
**+ (8" x 8")**



NOTE: PHOTOLUMINESCENT MATERIAL  
COMPARTMENT BULL'S EYE USE  
BLUE 2" RETROREFLECTIVE FONT KIT FOR LETTERS AND NUMBERS  
*GRAPHIC IS NOT TO SCALE.*

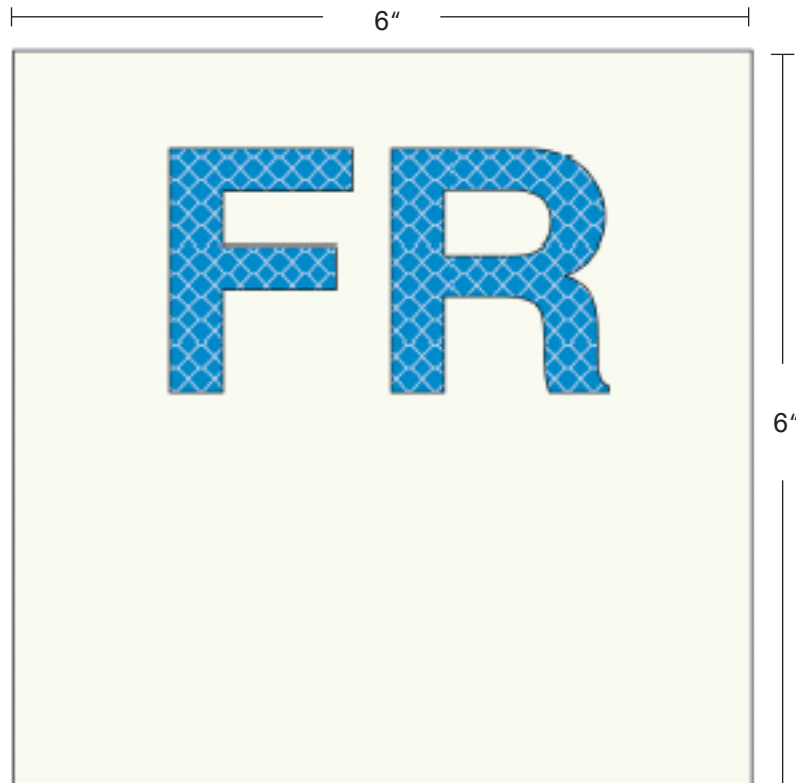
**DAMAGE CONTROL SIGNAGE SKETCH # 051**  
**BLANK (Compartment Bull's Eye, 15" x 12")**





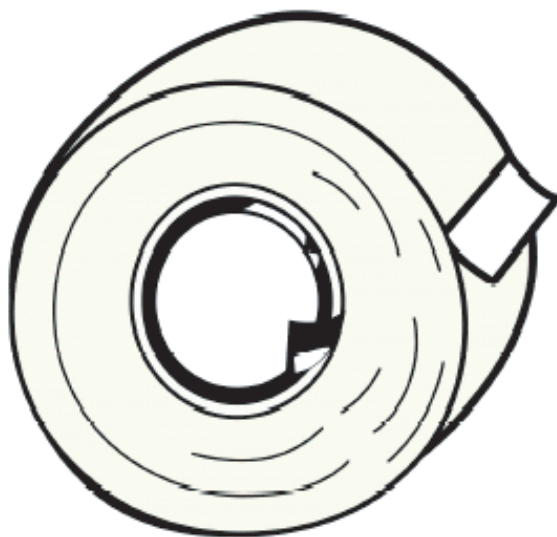
NOTE: PHOTOLUMINESCENT MATERIAL  
FIRE STATION BULL'S EYE USE  
RED 2" RETROREFLECTIVE FONT KIT FOR LETTERS AND NUMBERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 052**  
**BLANK (Fire Station Bull's Eye, 15" x 12")**



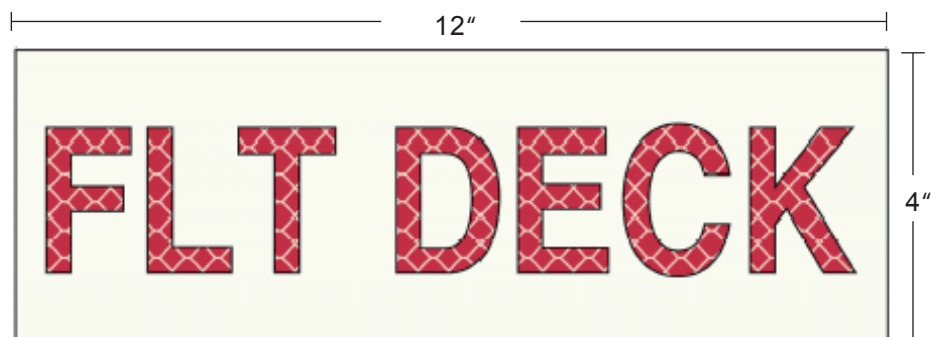
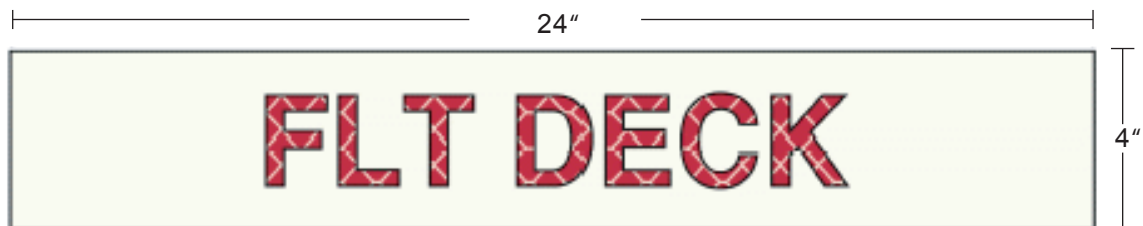
NOTE: PHOTOLUMINESCENT MATERIAL  
BLUE RETROREFLECTIVE 2" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 053**  
**FR (6" x 6")**



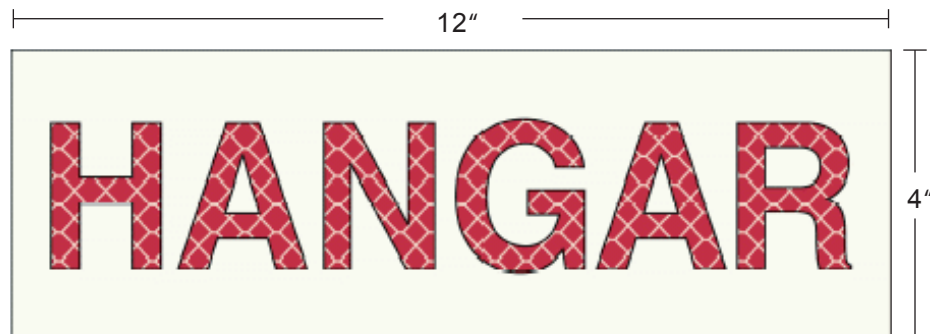
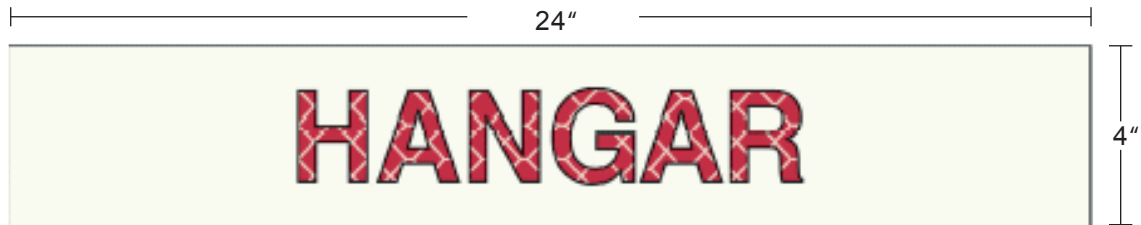
NOTE: PHOTOLUMINESCENT MATERIAL  
GRAPHIC IS NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 054**  
**Photoluminescent Tape (1" roll x 50 yds)**  
**and (2" roll x 50 yds)**



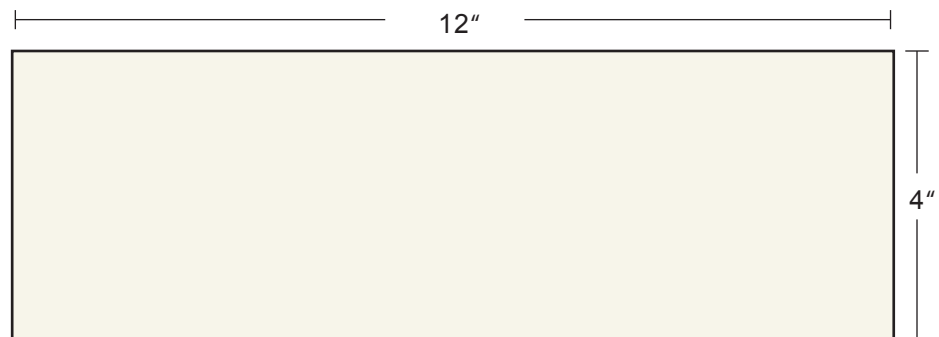
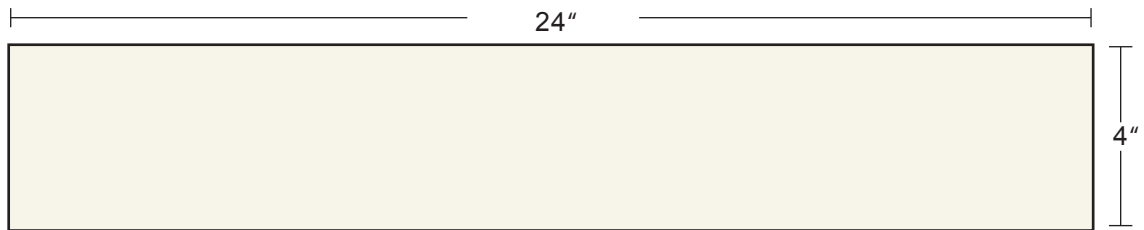
NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE 2" LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 055**  
**FLT DECK (24" x 4") and (12" x 4")**



NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE 2" LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 056**  
**HANGAR (24" x 4") and (12" x 4")**



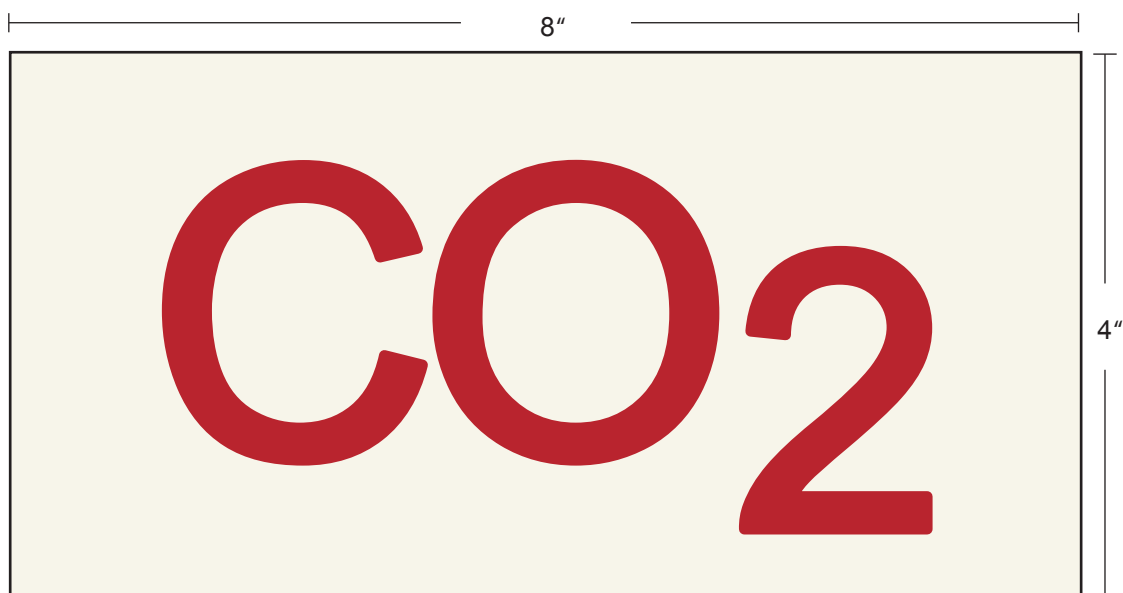
NOTE: PHOTOLUMINESCENT MATERIAL  
BLANK FOR MAKING CUSTOM FLT DECK AND HANGAR LABELS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 057**  
**BLANK (24" x 4") and (12" x 4")**



NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE 2" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 058**  
**AFFF (8" x 4")**



NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE 2" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

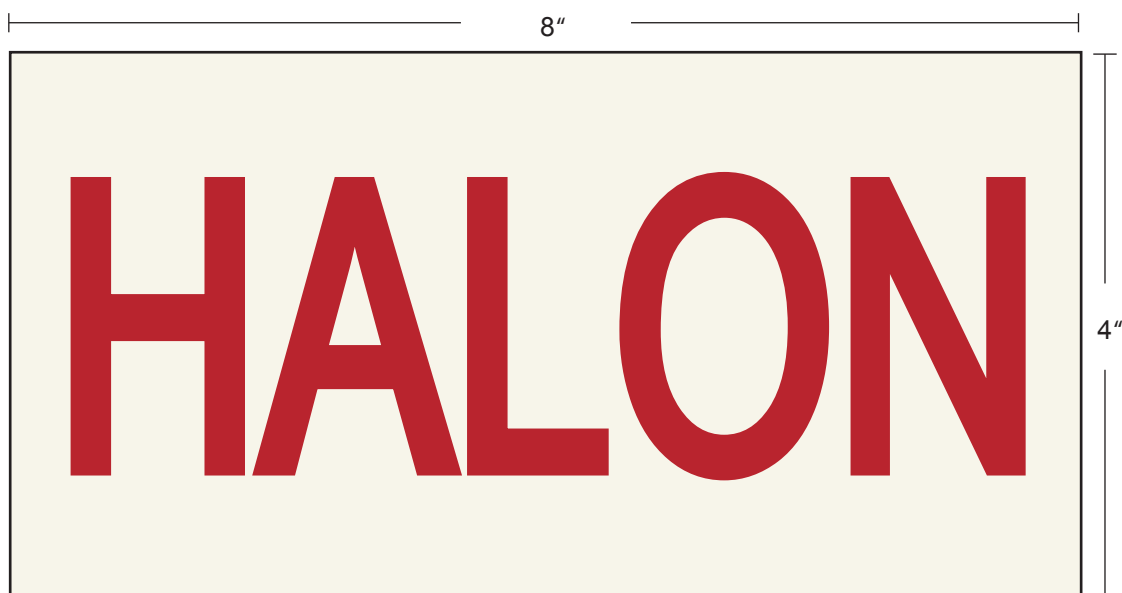
**DAMAGE CONTROL SIGNAGE SKETCH # 059**  
**CO<sub>2</sub> (8" x 4")**





NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE 2" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 060**  
**APC (8" x 4")**



NOTE: PHOTOLUMINESCENT MATERIAL  
RED RETROREFLECTIVE 2" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 061**  
**HALON (8" x 4")**



NOTE: RETROREFLECTIVE MATERIAL (WHITE, BLACK AND RED)  
WHITE 3/4" LETTERS (SCREENED)  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 062**  
**DANGER (10" x 3") and (6" x 2")**



NOTE: RETROREFLECTIVE MATERIAL (WHITE, BLACK AND RED)  
GRAPHIC IS NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 063**  
**DANGER, DO NOT ENTER (6" x 5")**



NOTE: RETROREFLECTIVE MATERIAL (WHITE, BLACK AND RED)  
GRAPHIC IS NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 064**  
**DANGER, DO NOT ENTER, IDLH (6" x 5")**



NOTE: RETROREFLECTIVE MATERIAL (GREEN)  
WHITE 1/2" LETTERS  
GRAPHIC IS NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 065**  
**GAS FREE (6" x 4")**



NOTE: RETROREFLECTIVE MATERIAL (YELLOW AND BLACK)  
1" AND 7/8" YELLOW RETROREFLECTIVE LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 066**  
**WARNING (10" x 3") and (6" x 2")**

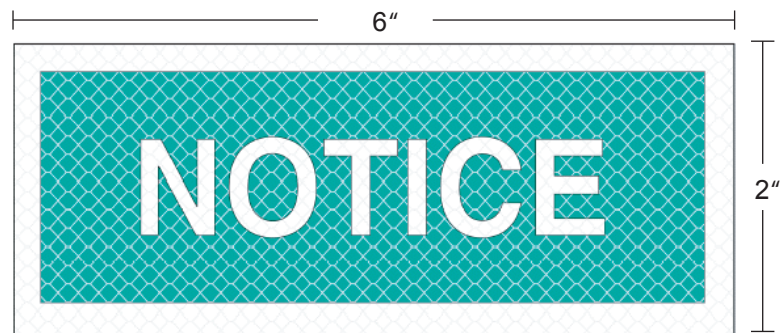
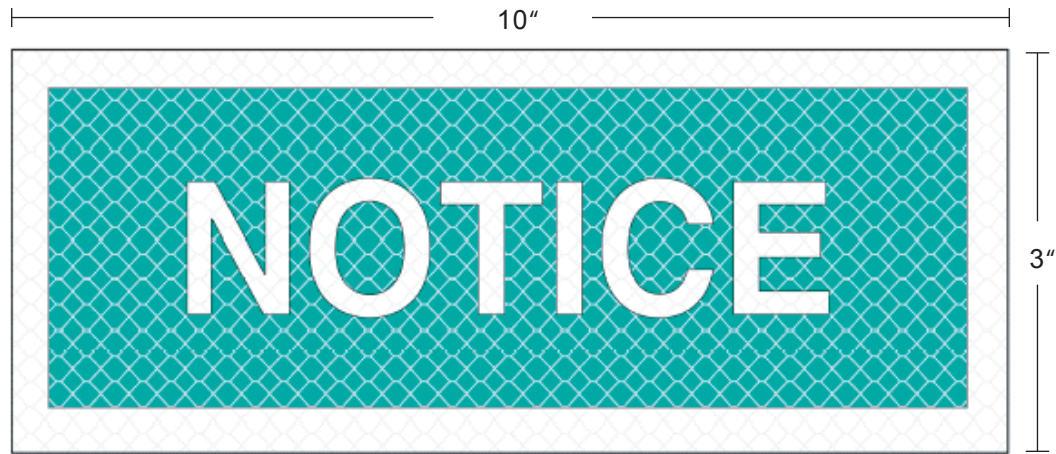




NOTE: RETROREFLECTIVE MATERIAL (YELLOW AND BLACK)  
1" AND 7/8" YELLOW RETROREFLECTIVE LETTERS  
GRAPHICS ARE NOT TO SCALE.

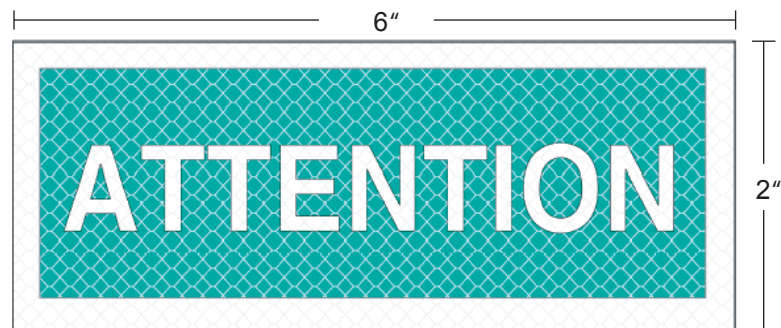
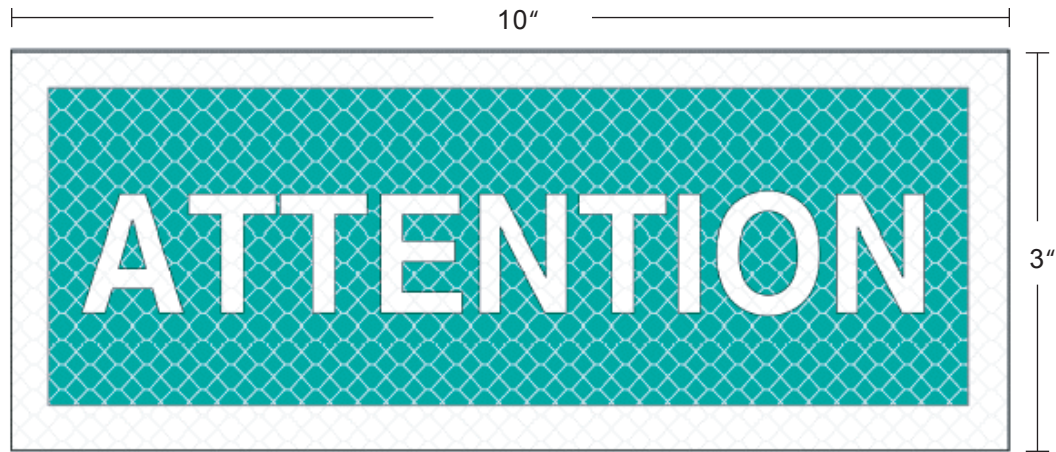
**DAMAGE CONTROL SIGNAGE SKETCH # 067**  
**CAUTION (10" x 3") and (6" x 2")**





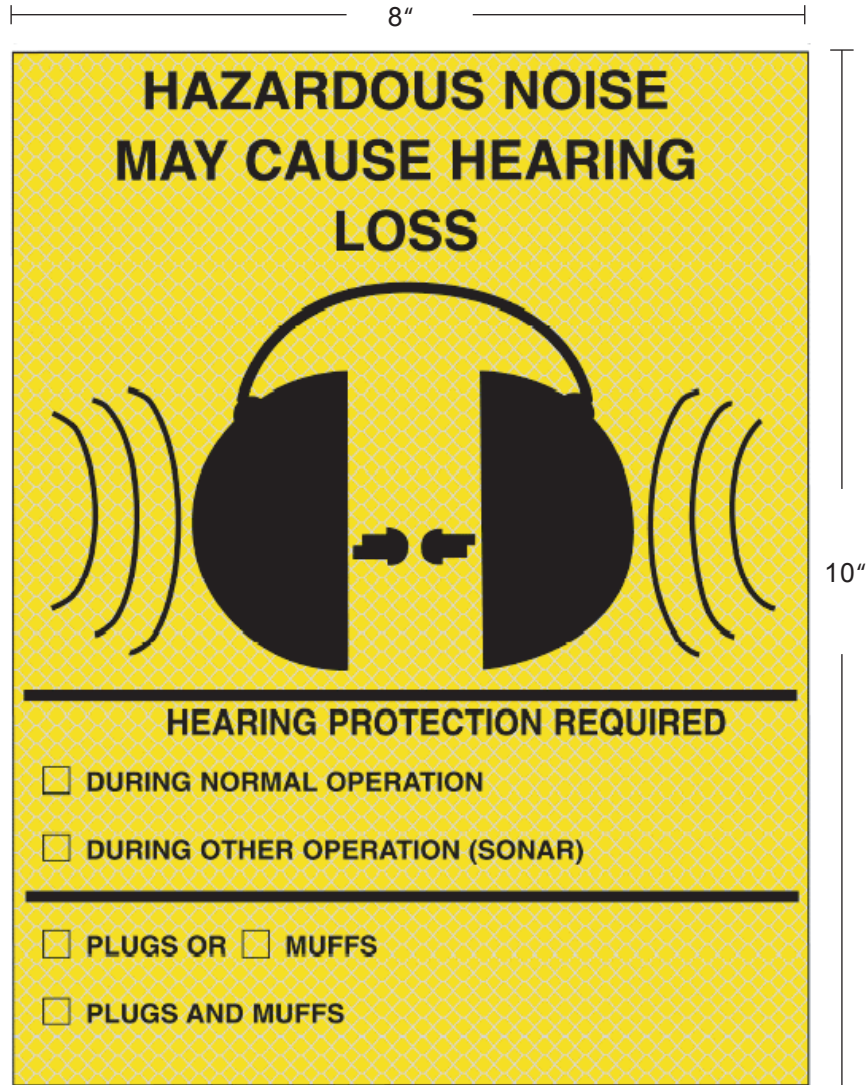
NOTE: RETROREFLECTIVE MATERIAL (WHITE AND GREEN)  
1" AND 7/8" WHITE RETROREFLECTIVE LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 068**  
**NOTICE (10" x 3") and (6" x 2")**



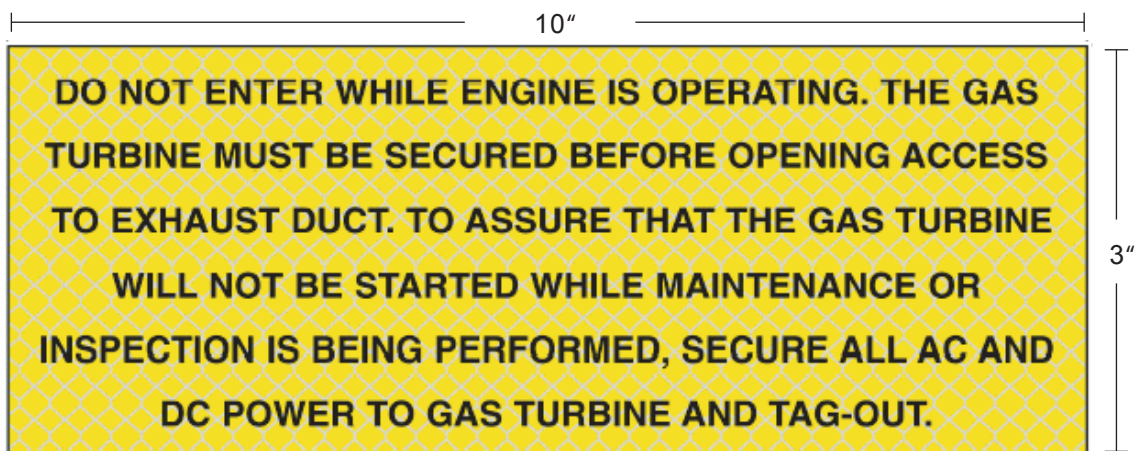
NOTE: RETROREFLECTIVE MATERIAL (WHITE AND GREEN)  
1" AND 7/8" WHITE RETROREFLECTIVE LETTERS  
GRAPHICS ARE NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 069**  
**ATTENTION (10" x 3") and (6" x 2")**



NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK RETROREFLECTIVE LETTERS  
GRAPHIC IS NOT TO SCALE.

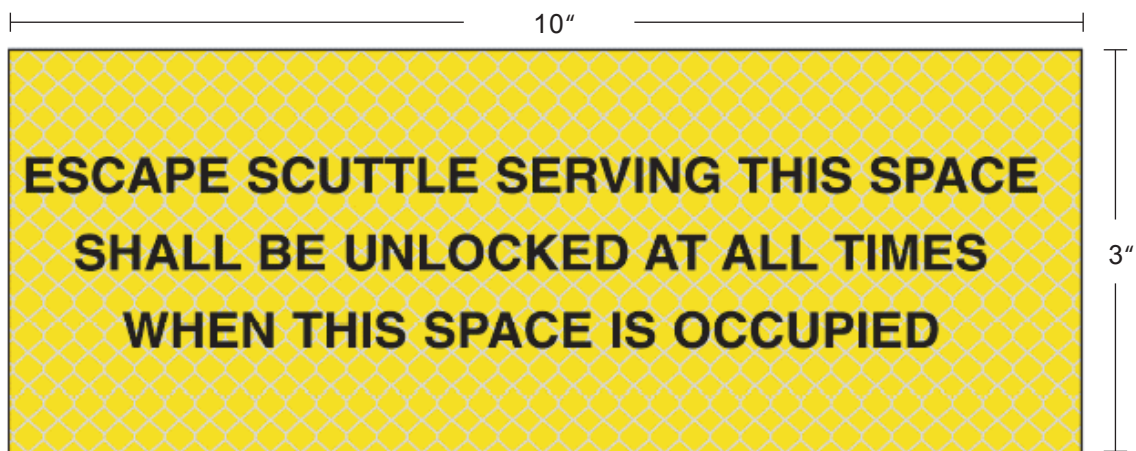
**DAMAGE CONTROL SIGNAGE SKETCH # 070**  
**HAZARDOUS NOISE (8" x 10")**



NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 1/4" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

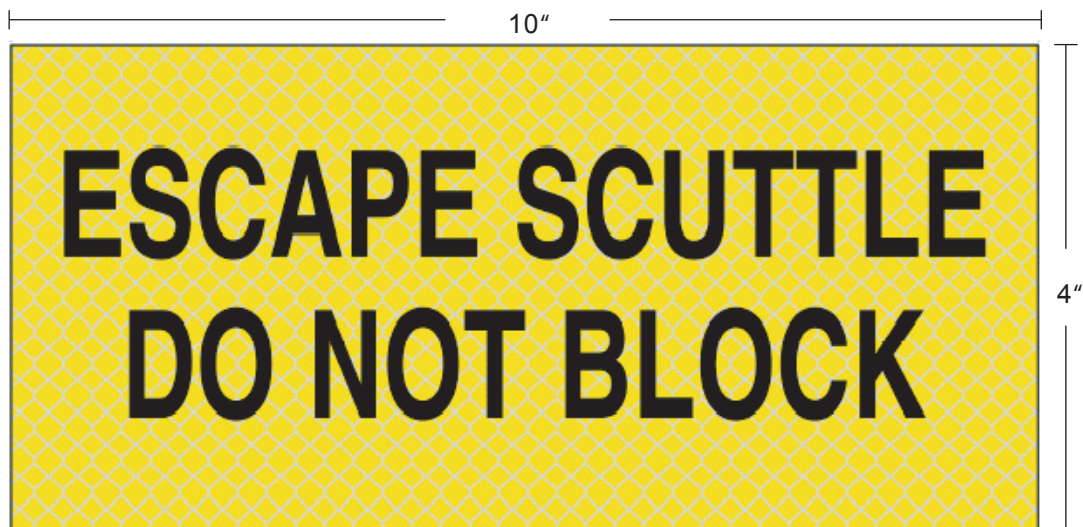
**DAMAGE CONTROL SIGNAGE SKETCH # 071**  
**DO NOT ENTER WHILE ENGINE IS OPERATING**  
**(10" x 3")**





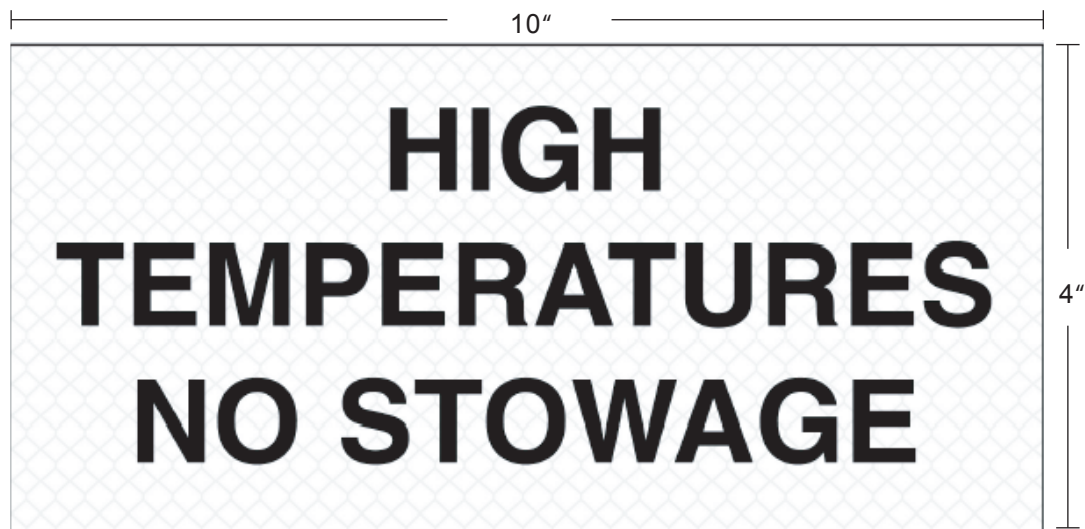
NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 3/8" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 072**  
**ESCAPE SCUTTLE SERVING THIS SPACE (10" x 3")**



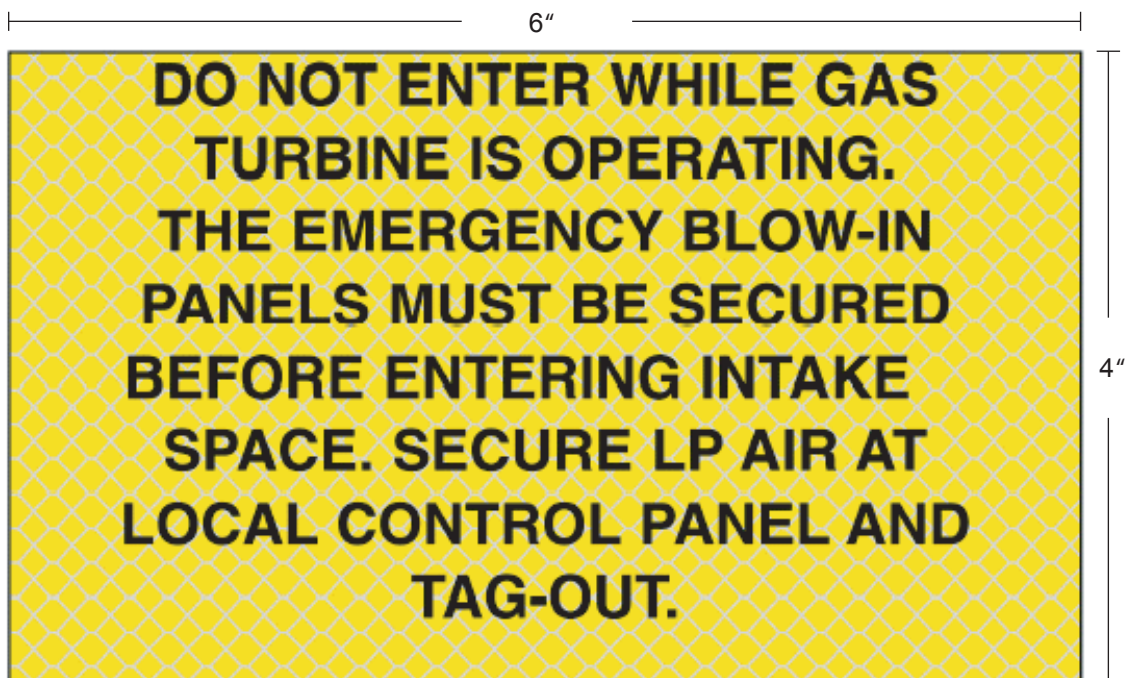
NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 1" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 073**  
**ESCAPE SCUTTLE, DO NOT BLOCK (10" x 4")**



NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
BLACK 1/2" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

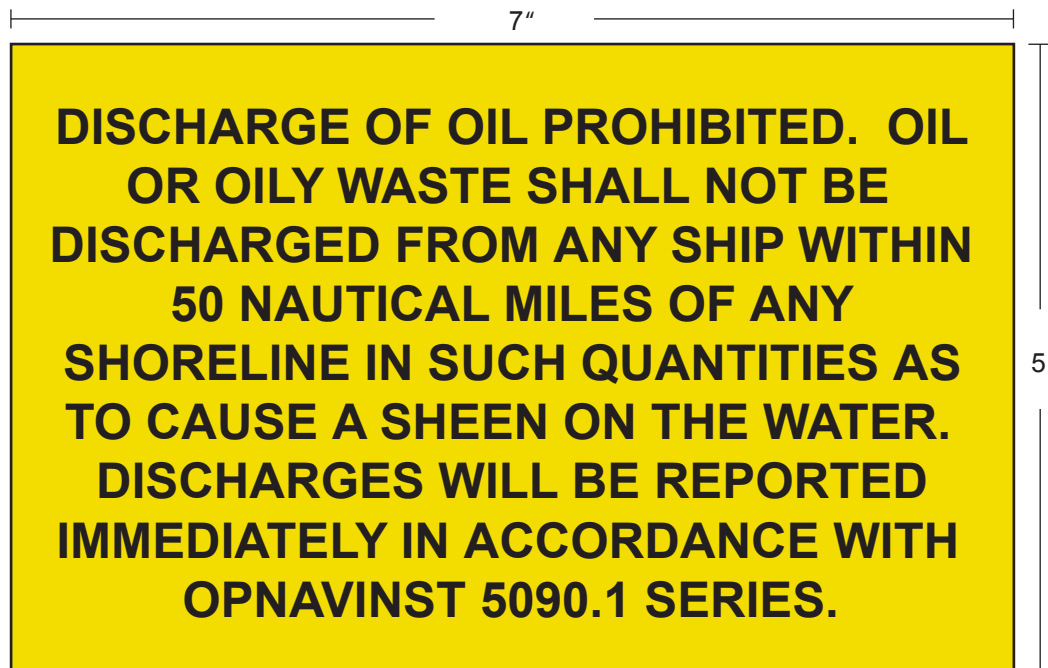
**DAMAGE CONTROL SIGNAGE SKETCH # 074**  
**HIGH TEMPERATURES, NO STOWAGE (10" x 4")**



NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 1/4" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

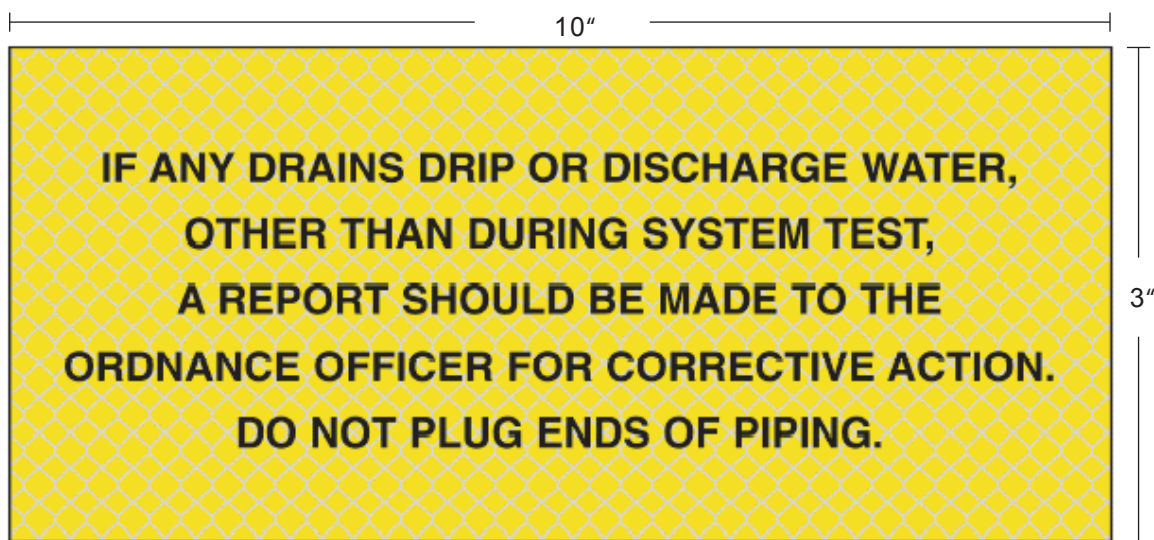
**DAMAGE CONTROL SIGNAGE SKETCH # 075**  
**DO NOT ENTER WHILE GAS TURBINE**  
**IS OPERATING (6" x 4")**





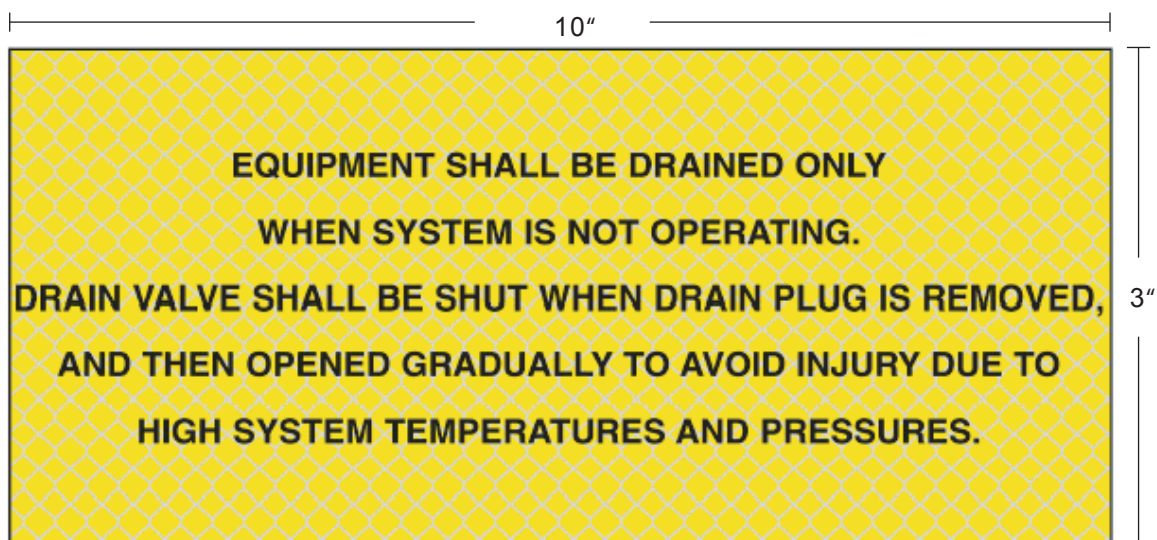
NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 1/4" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 076  
DISCHARGE OF OIL PROHIBITED (7" x 5")**



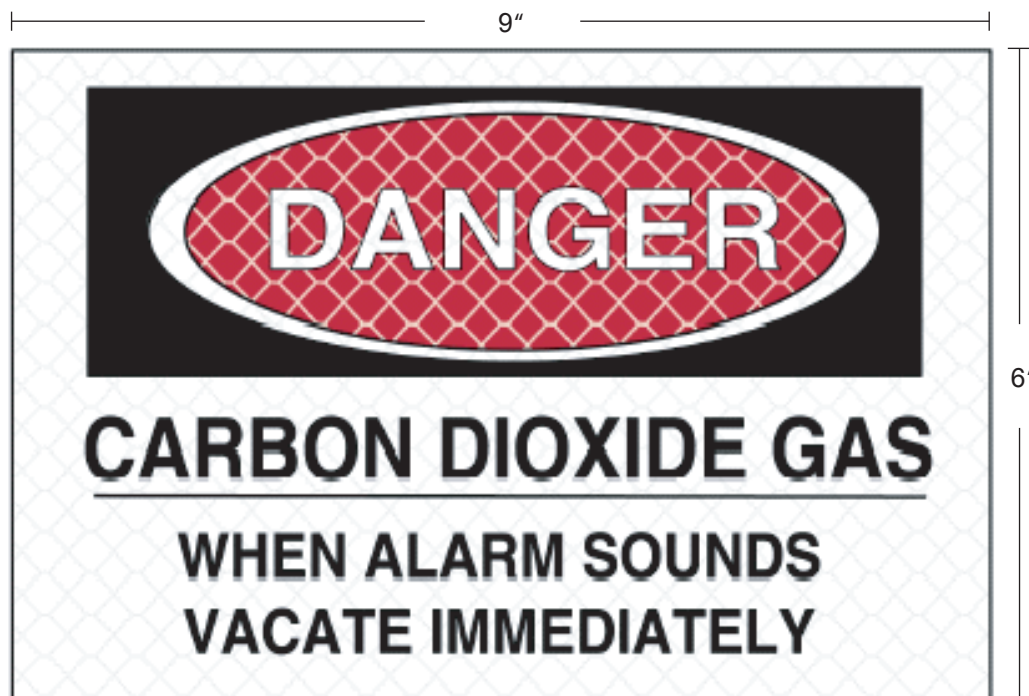
NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 1/4" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 077**  
**IF ANY DRAINS DRIP OR DISCHARGE WATER**  
**(10" x 3")**



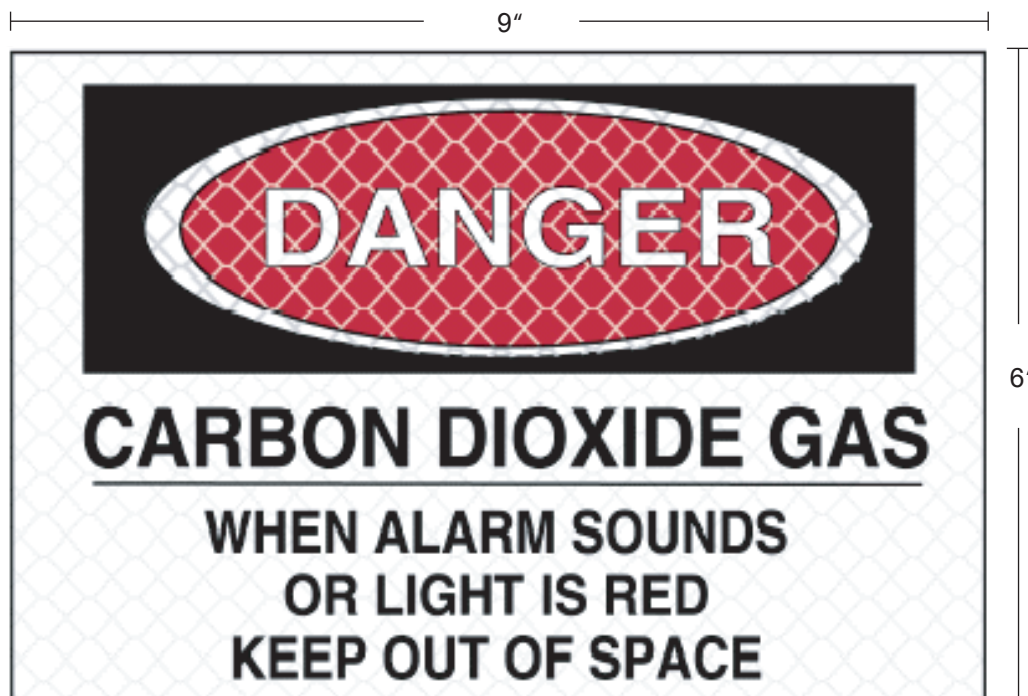
NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 1/4" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 078  
EQUIPMENT SHALL BE DRAINED ONLY WHEN  
SYSTEM IS NOT OPERATING (10" x 3")**



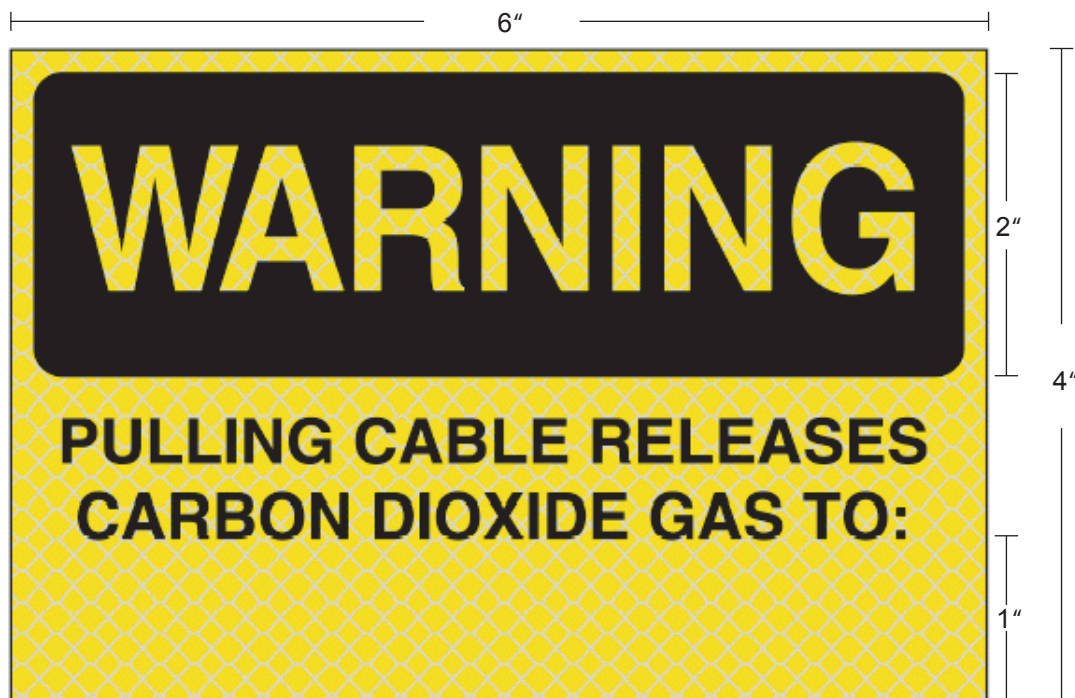
NOTE: RETROREFLECTIVE MATERIAL (WHITE, BLACK AND RED)  
BLACK RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 079**  
**DANGER, CARBON DIOXIDE GAS, WHEN ALARM**  
**SOUNDS VACATE IMMEDIATELY (9" x 6")**



NOTE: RETROREFLECTIVE MATERIAL (WHITE, BLACK AND RED)  
BLACK RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

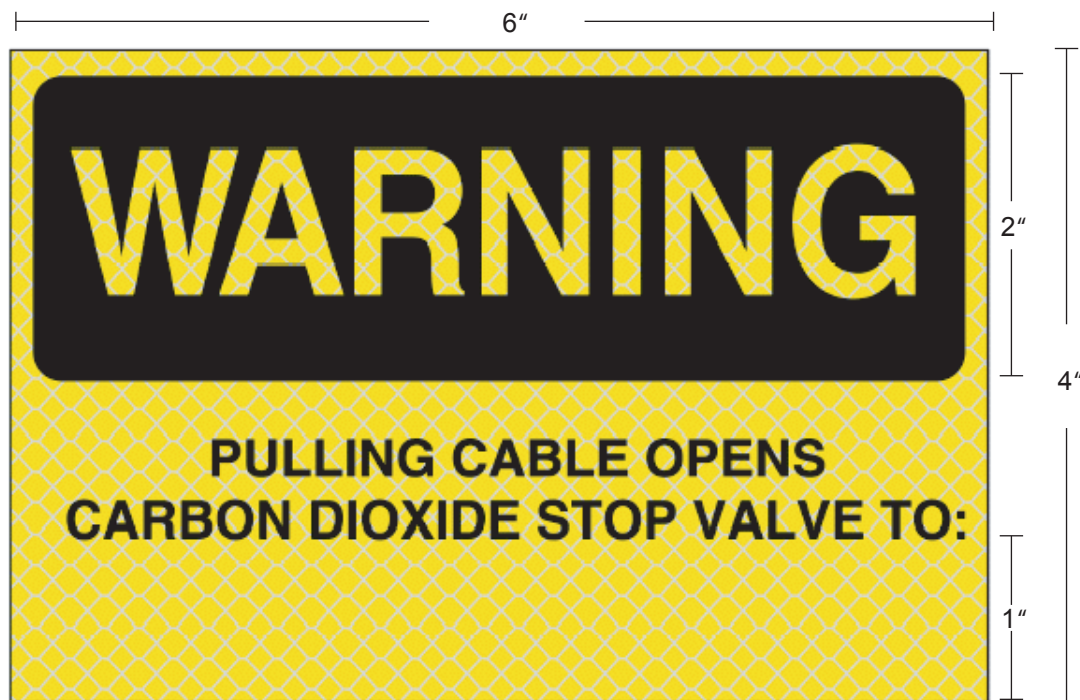
**DAMAGE CONTROL SIGNAGE SKETCH # 080**  
**DANGER, CARBON DIOXIDE GAS, WHEN ALARM SOUNDS  
OR LIGHT IS RED KEEP OUT OF SPACE (9" x 6")**



NOTE: RETROREFLECTIVE MATERIAL (YELLOW AND BLACK)  
BLACK 2" RETROREFLECTIVE WARNING LETTERS ALL OTHERS 1/4"  
GRAPHIC IS NOT TO SCALE.

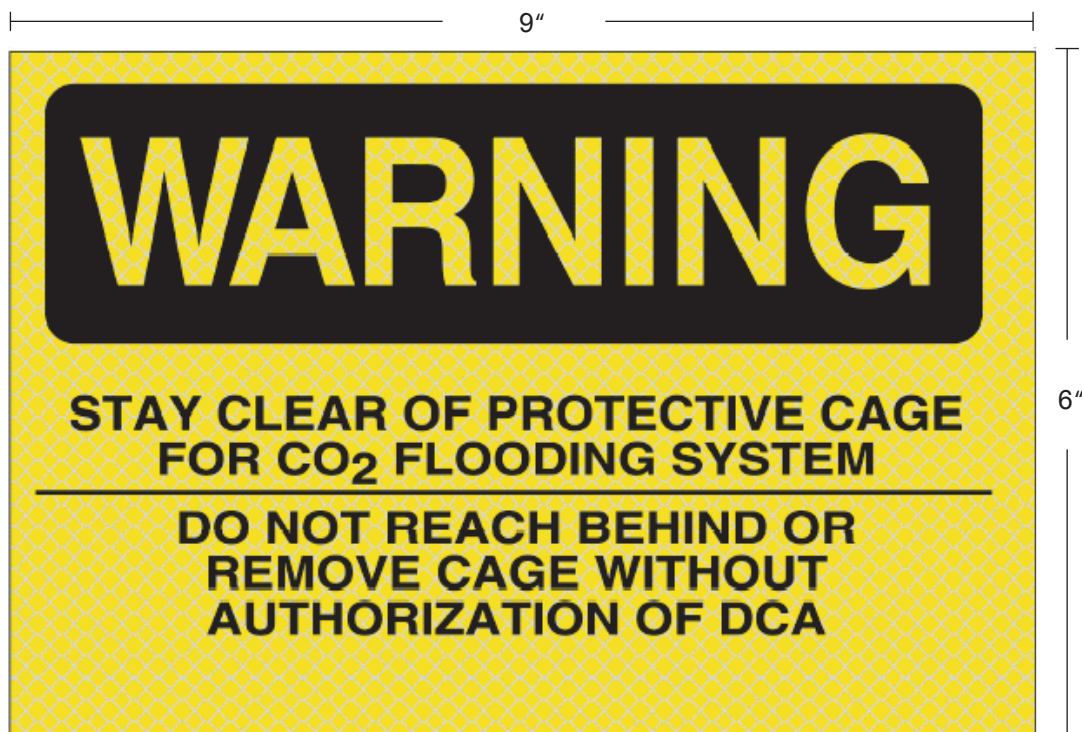
**DAMAGE CONTROL SIGNAGE SKETCH # 081**  
**WARNING, PULLING CABLE RELEASES CARBON**  
**DIOXIDE GAS TO: (6" x 4")**





NOTE: RETROREFLECTIVE MATERIAL (YELLOW AND BLACK)  
BLACK 2" RETROREFLECTIVE WARNING LETTERS ALL OTHERS 1/4"  
*GRAPHIC IS NOT TO SCALE.*

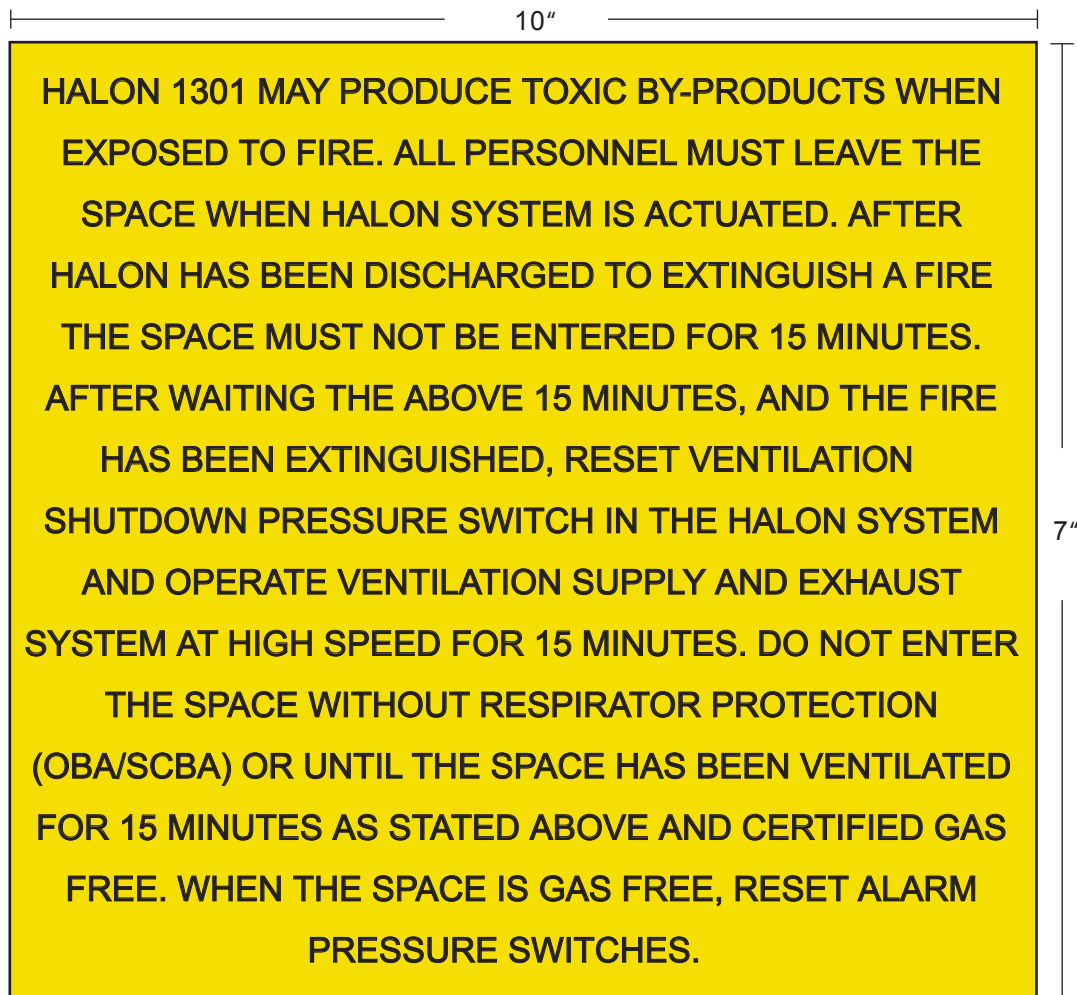
**DAMAGE CONTROL SIGNAGE SKETCH # 082**  
**WARNING, PULLING CABLE OPENS CARBON**  
**DIOXIDE STOP VALVE TO: (6" x 4")**



NOTE: RETROREFLECTIVE MATERIAL (YELLOW AND BLACK)  
BLACK 1-1/4" RETROREFLECTIVE WARNING LETTERS ALL OTHERS 1/4"  
GRAPHIC IS NOT TO SCALE.

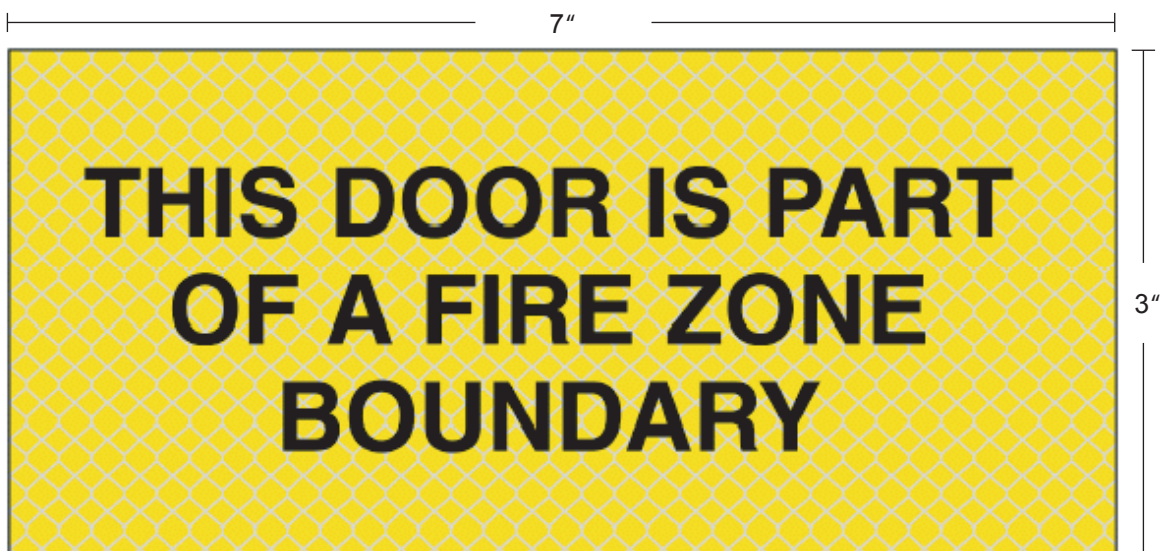
**DAMAGE CONTROL SIGNAGE SKETCH # 083**  
**WARNING, STAY CLEAR OF PROTECTIVE CAGE FOR**  
**CO<sub>2</sub> FLOODING SYSTEM (9" x 6")**





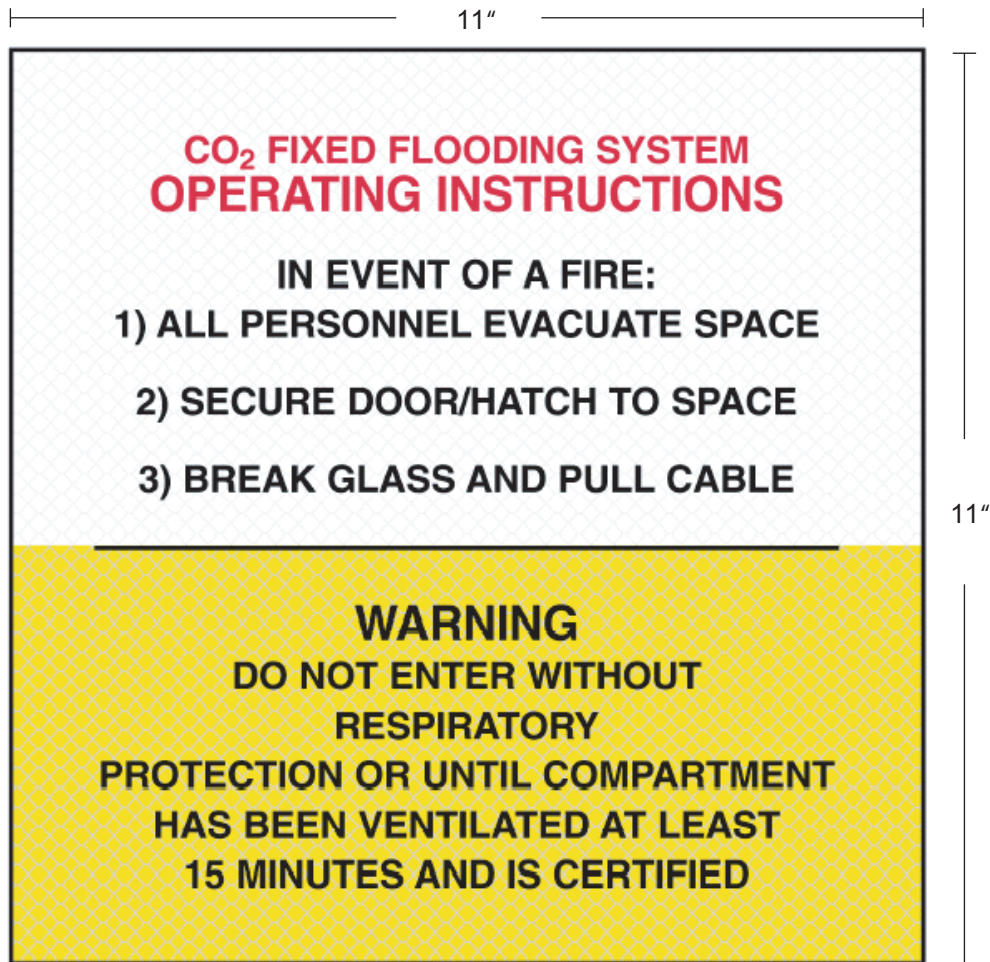
NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 1/4" RETROREFLECTIVE LETTERS  
GRAPHIC IS NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 084**  
**HALON 1301 MAY PRODUCE TOXIC BY-PRODUCTS**  
**WHEN EXPOSED TO FIRE (10" x 7")**



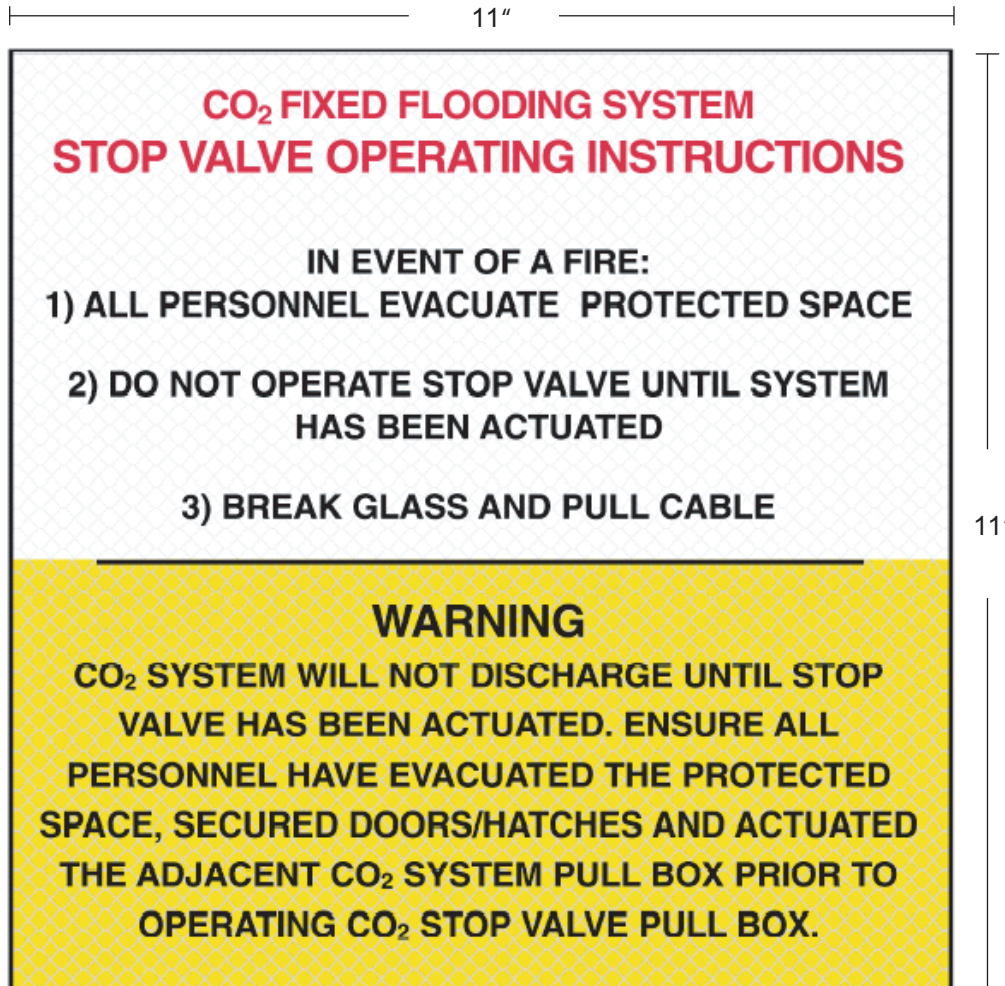
NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 1/2" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 085**  
**THIS DOOR IS PART OF A FIRE ZONE BOUNDARY**  
**(7" x 3")**



NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
RED AND BLACK RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 086**  
**CO<sub>2</sub> FIXED FLOODING SYSTEM OPERATING  
INSTRUCTIONS (11" X 11")**



NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
RED AND BLACK RETROREFLECTIVE LETTERS  
GRAPHIC IS NOT TO SCALE.

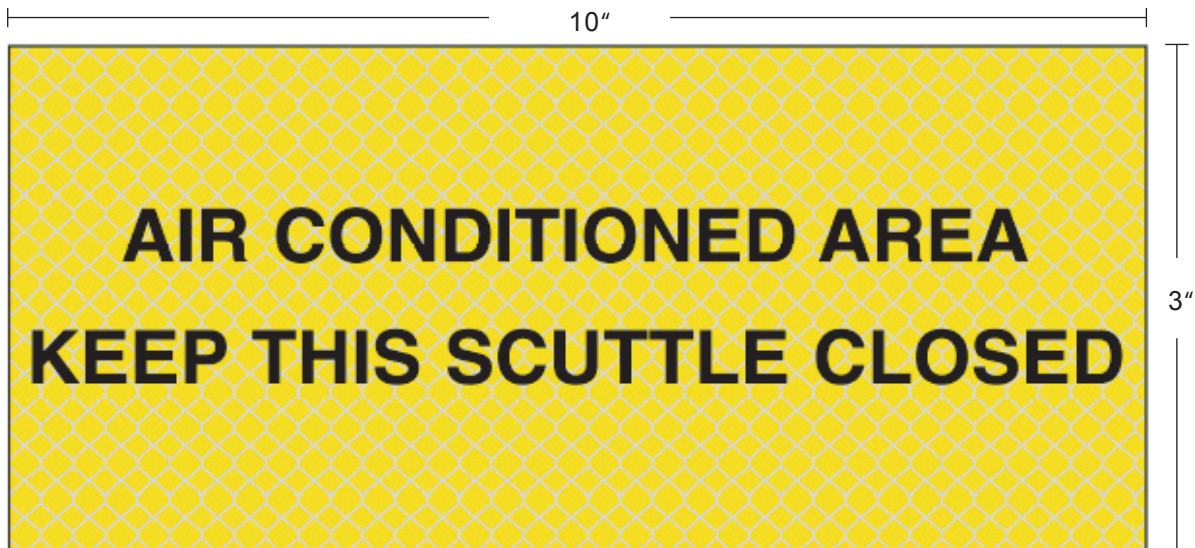
**DAMAGE CONTROL SIGNAGE SKETCH # 087**  
**CO<sub>2</sub> FIXED FLOODING SYSTEM STOP VALVE**  
**OPERATING INSTRUCTIONS (11" X 11")**





NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 3/8" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 088**  
**AIR CONDITIONED AREA, KEEP THIS HATCH**  
**CLOSED (7" x 3")**



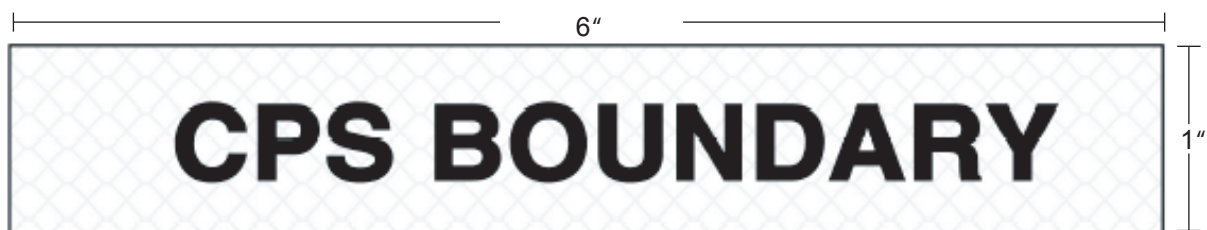
NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 1/2" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 089**  
**AIR CONDITIONED AREA, KEEP THIS SCUTTLE**  
**CLOSED (10" x 3")**



NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 1/2" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

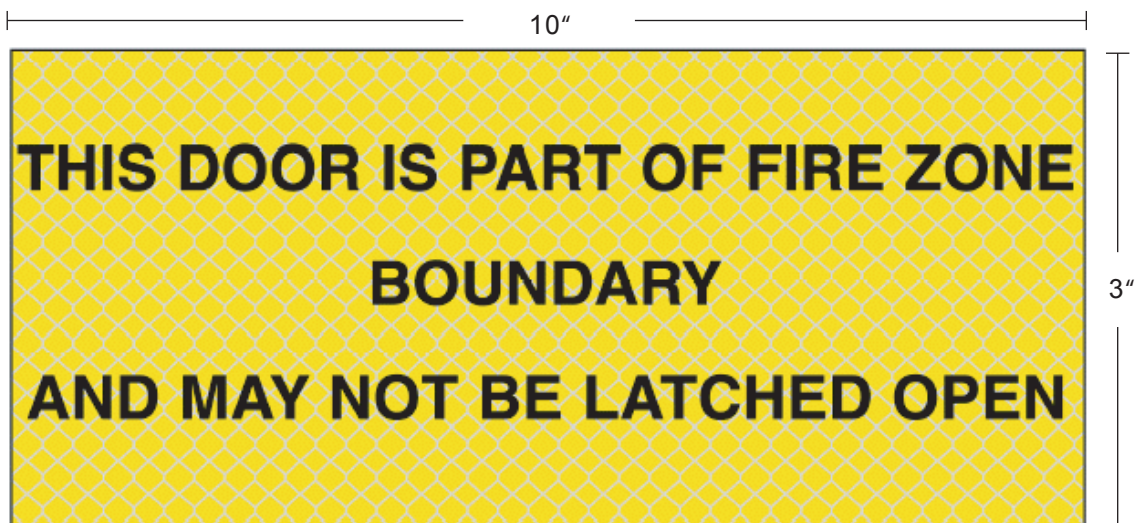
**DAMAGE CONTROL SIGNAGE SKETCH # 090**  
**AIR CONDITIONED AREA, KEEP THIS DOOR CLOSED**  
**(10" x 3")**



NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
BLACK 3/8" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

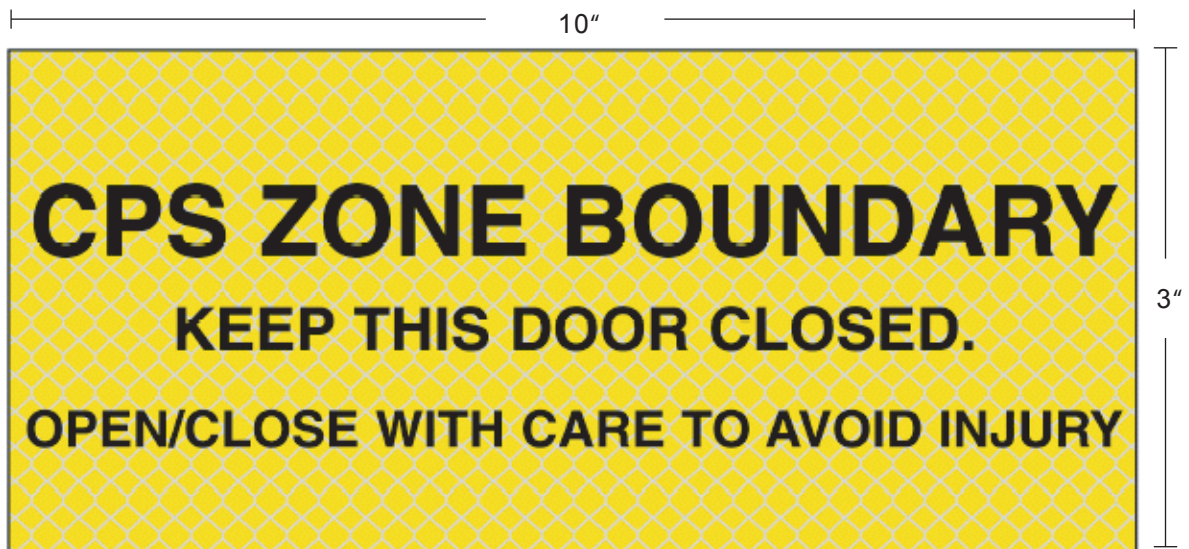
**DAMAGE CONTROL SIGNAGE SKETCH # 091**  
**CPS BOUNDARY (6" x 1")**





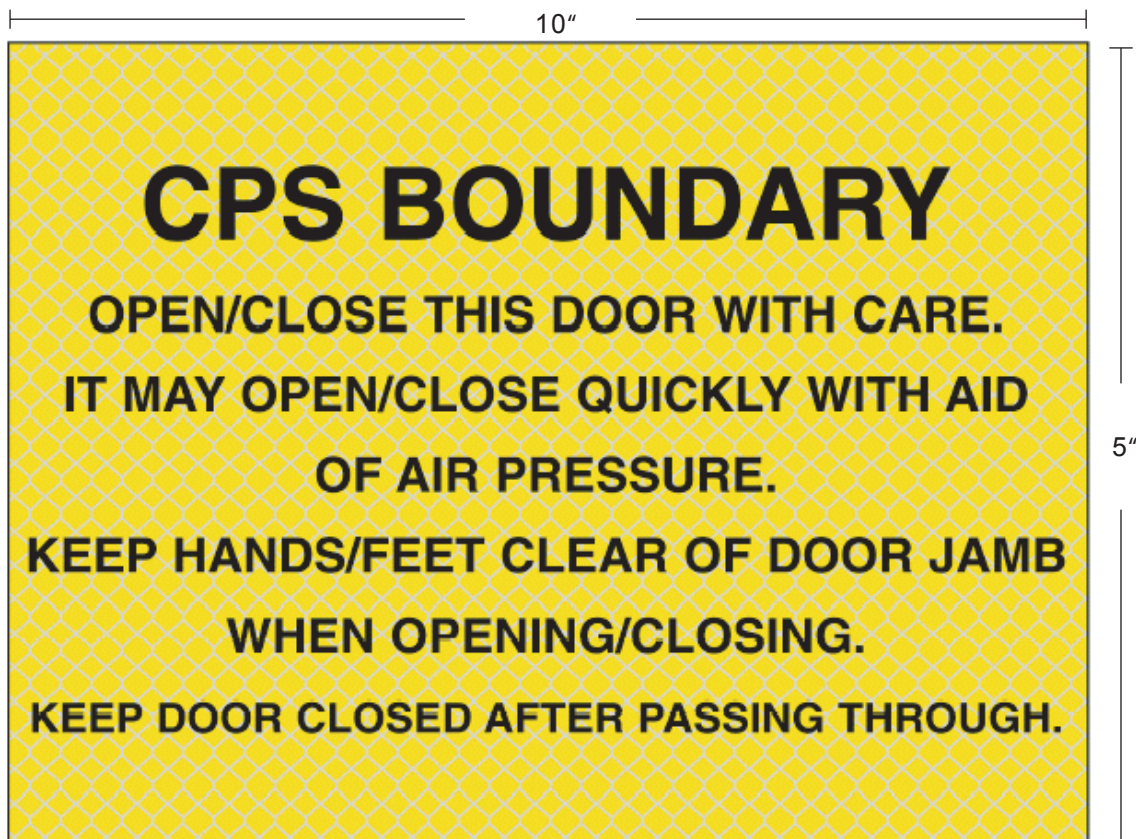
NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 3/8" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 092  
THIS DOOR IS PART OF FIRE ZONE BOUNDARY AND  
MAY NOT BE LATCHED OPEN (10" x 3")**



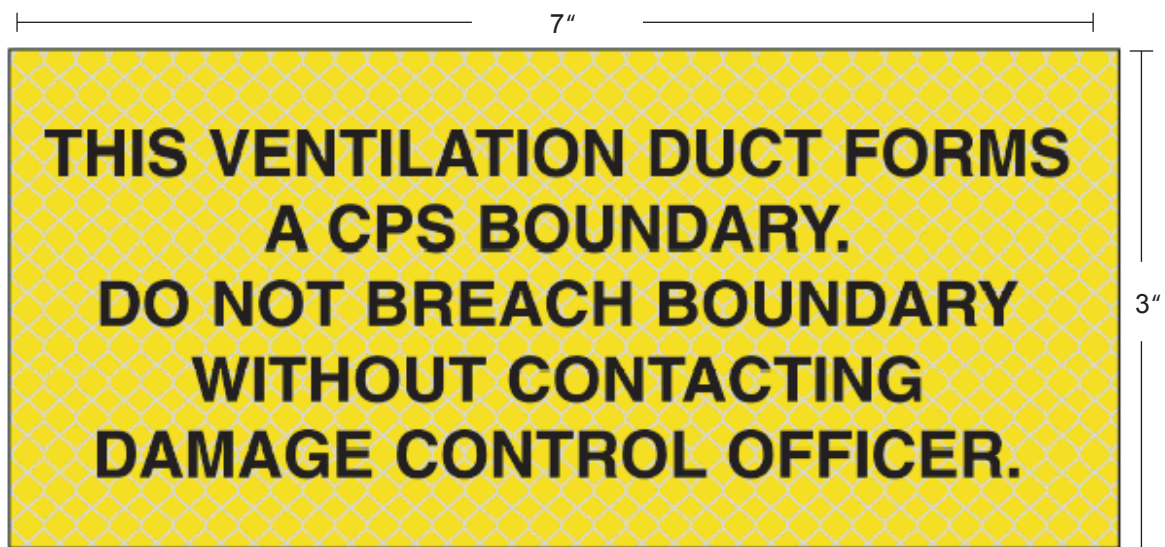
NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 1/2" AND 1/4" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 093**  
**CPS ZONE BOUNDARY, KEEP THIS DOOR CLOSED**  
**(10" x 3")**



NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 1/2" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

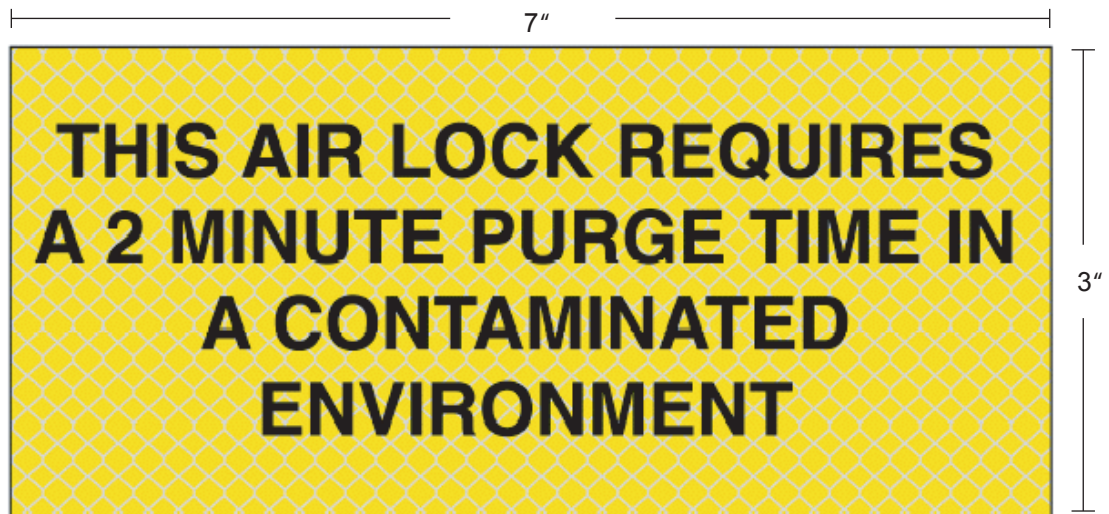
**DAMAGE CONTROL SIGNAGE SKETCH # 094**  
**CPS BOUNDARY, OPEN/CLOSE THIS DOOR**  
**WITH CARE (10" x 5")**



NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 3/8" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 095**  
**THIS VENTILATION DUCT FORMS A CPS BOUNDARY**  
**(7" x 3")**





NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 3/8" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 096**  
**THIS AIR LOCK REQUIRES A 2 MINUTE PURGE TIME**  
**IN A CONTAMINATED ENVIRONMENT (7" x 3")**



NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 1/2" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 097**  
**DO NOT OPEN IN A CBR ENVIRONMENT (7" x 3")**



NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 1/2" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

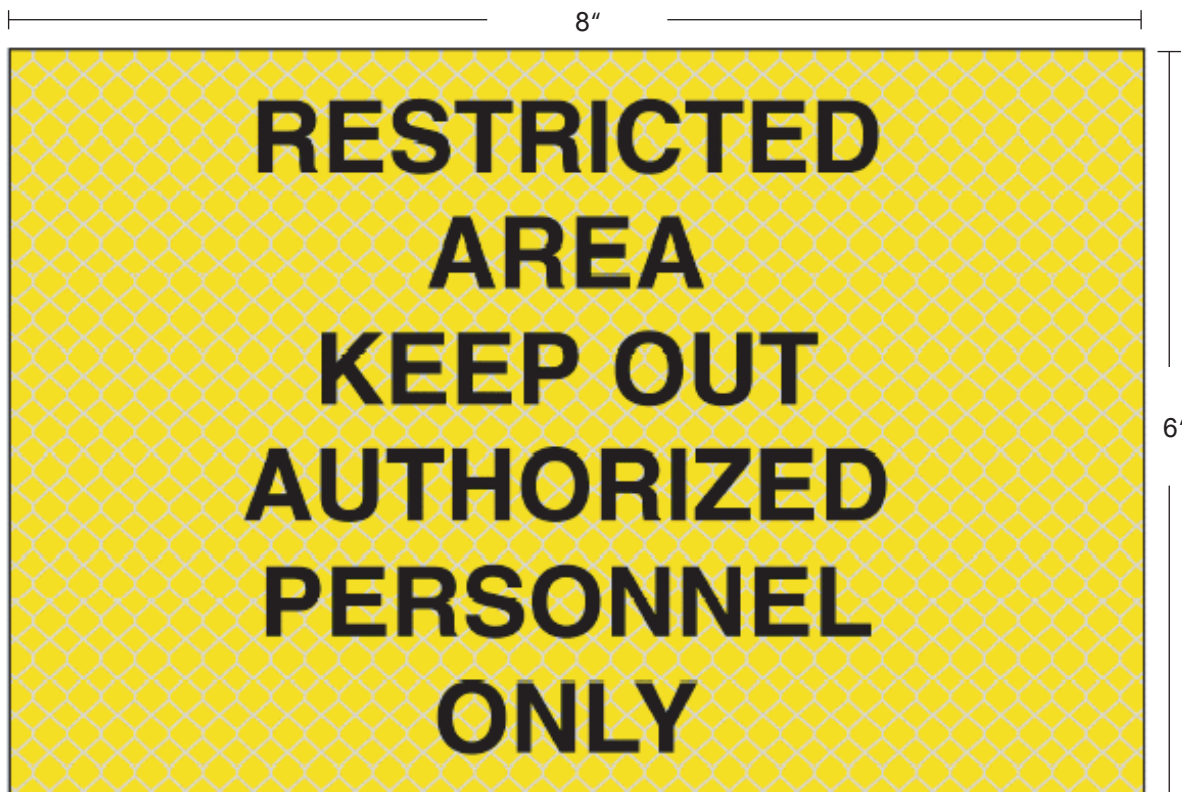
**DAMAGE CONTROL SIGNAGE SKETCH # 098**  
**DO NOT USE IN A CBR ENVIRONMENT (7" x 3")**



NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 3/4" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

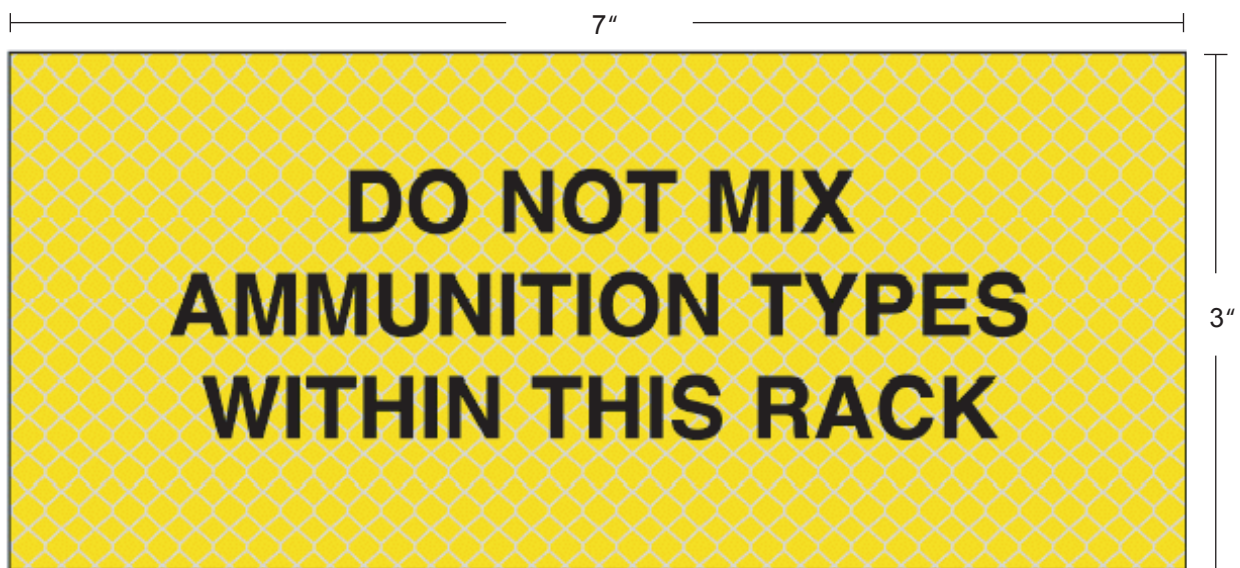
**DAMAGE CONTROL SIGNAGE SKETCH # 099**  
**AMMUNITION, FAR SIDE (9" x 5")**





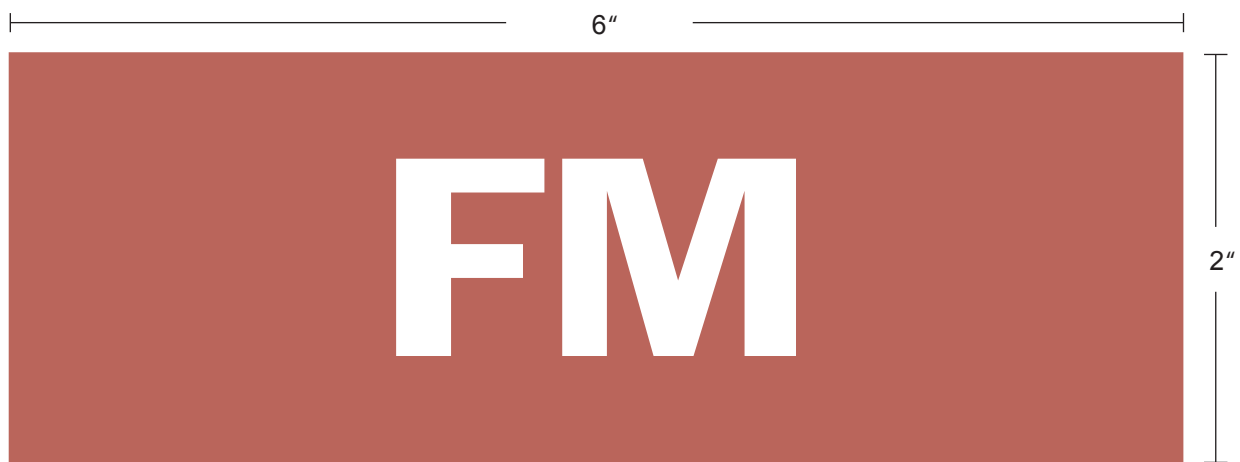
NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 3/4" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 100**  
**RESTRICTED AREA, KEEP OUT, AUTHORIZED**  
**PERSONNEL ONLY (8" x 6")**



NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 3/8" RETROREFLECTIVE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 101**  
**DO NOT MIX AMMUNITION TYPES WITHIN**  
**THIS RACK (7" x 3")**



NOTE: REFLECTIVE MATERIAL (RED)  
WHITE 1" LETTERS  
GRAPHIC IS NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 102**  
**FM (Reflective DC Pipe Markings, 6" x 2")**



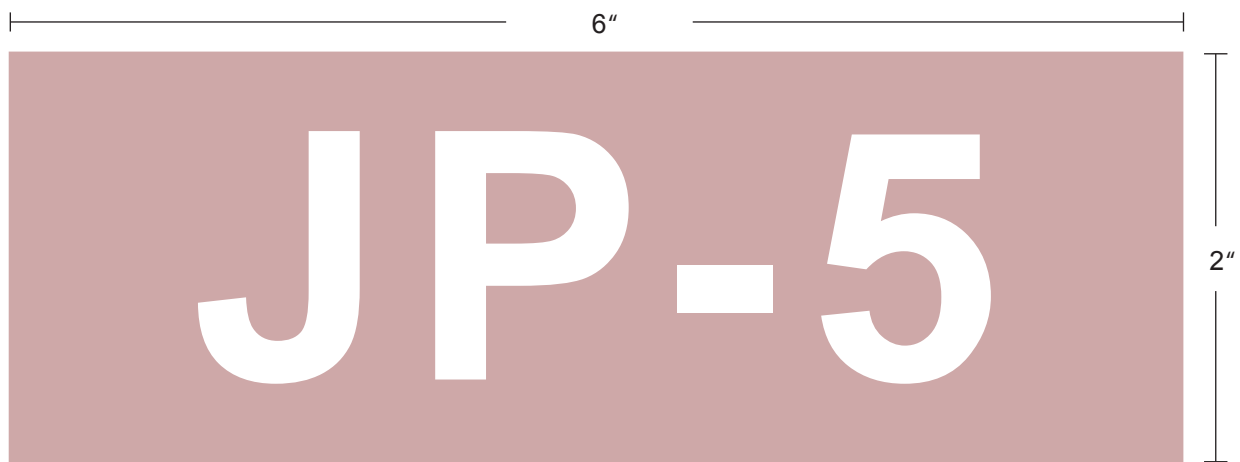
NOTE: REFLECTIVE MATERIAL (RED, BLACK AND WHITE)  
1" BLACK LETTERS  
GRAPHIC IS NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 103**  
**AFFF (Reflective DC Pipe Markings, 6" x 2")**



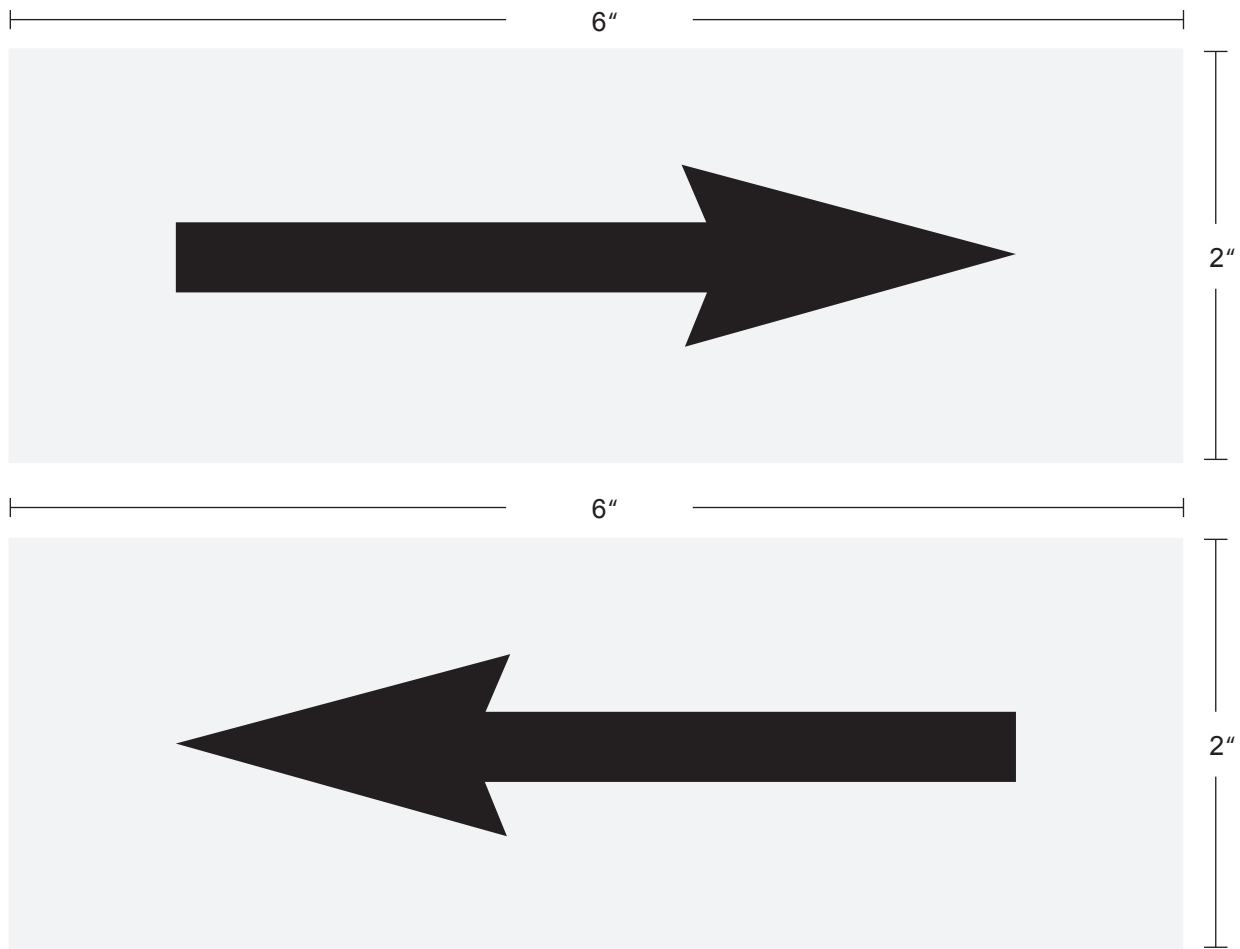
NOTE: REFLECTIVE MATERIAL (BLUE, BLACK AND WHITE)  
1" BLACK LETTERS  
GRAPHIC IS NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 104**  
**CW (Reflective DC Pipe Markings, 6" x 2")**



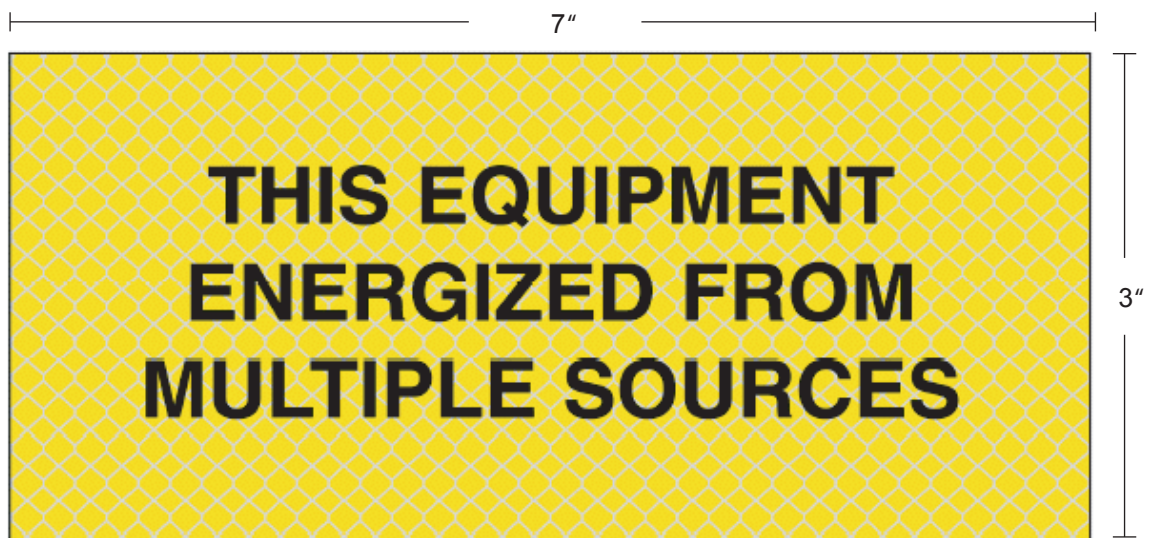
NOTE: REFLECTIVE MATERIAL (MAGENTA)  
1" WHITE LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 105**  
**JP-5 (Reflective DC Pipe Markings, 6" x 2")**



NOTE: REFLECTIVE MATERIAL (WHITE)  
BLACK ARROW 4-1/2" LENGTH  
GRAPHICS ARE NOT TO SCALE.

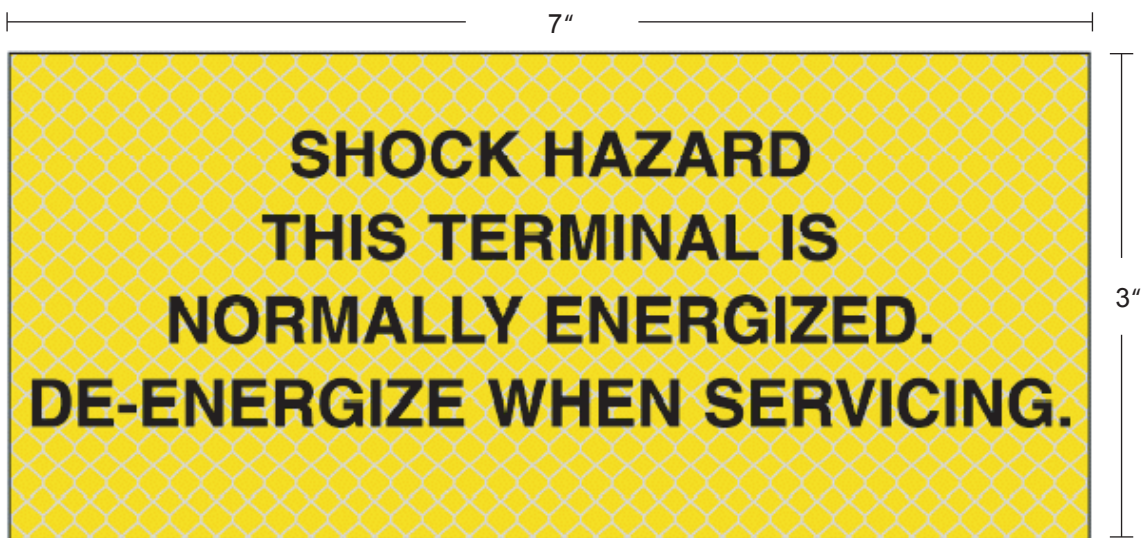
**DAMAGE CONTROL SIGNAGE SKETCH # 106**  
**Arrow (Reflective DC Pipe Markings, 6" x 2")**



NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 3/8" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

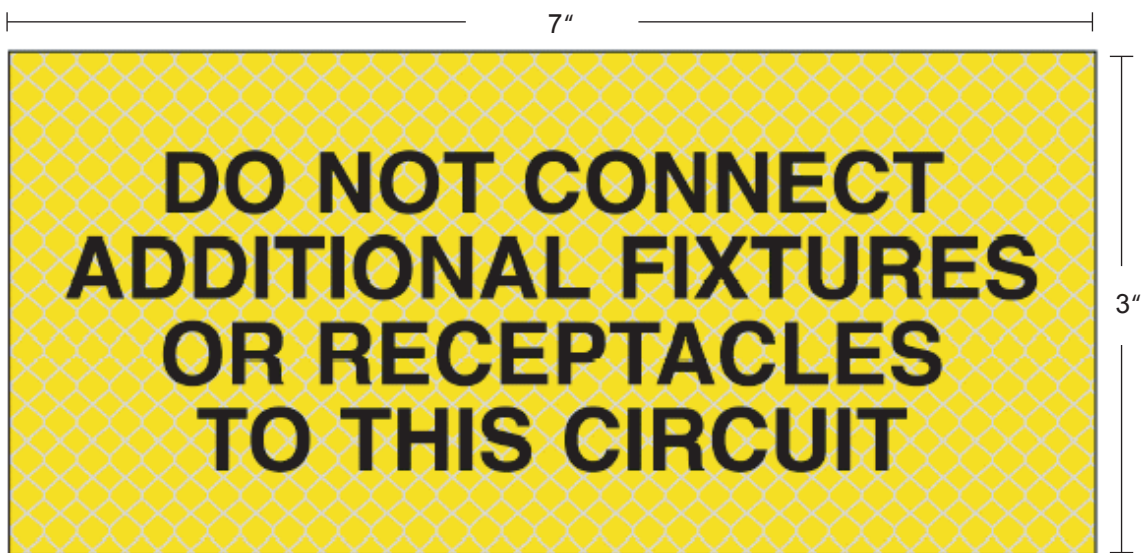
**DAMAGE CONTROL SIGNAGE SKETCH # 107**  
**THIS EQUIPMENT ENERGIZED FROM**  
**MULTIPLE SOURCES (7" x 3")**





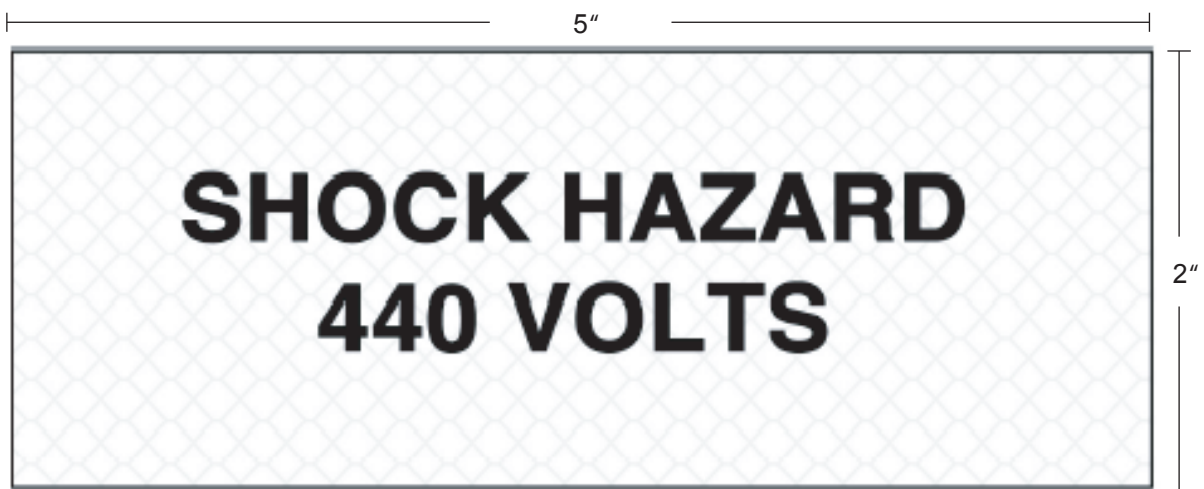
NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 1/4" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 108  
SHOCK HAZARD (7" x 3")**



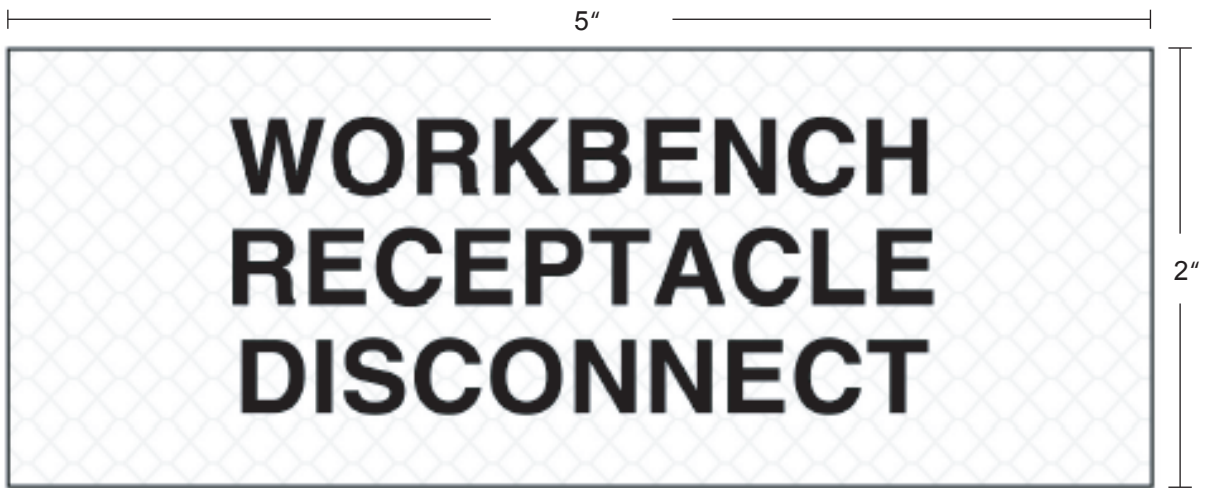
NOTE: RETROREFLECTIVE MATERIAL (YELLOW)  
BLACK 3/8" LETTERS  
GRAPHIC IS NOT TO SCALE.

**DAMAGE CONTROL SIGNAGE SKETCH # 109**  
**DO NOT CONNECT ADDITIONAL FIXTURES**  
**OR RECEPTACLES TO THIS CIRCUIT (7" x 3")**



NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
BLACK 3/8" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 110**  
**SHOCK HAZARD, 440 VOLTS (5" x 2")**



NOTE: RETROREFLECTIVE MATERIAL (WHITE)  
BLACK 3/8" LETTERS  
*GRAPHIC IS NOT TO SCALE.*

**DAMAGE CONTROL SIGNAGE SKETCH # 111  
WORKBENCH RECEPTACLE DISCONNECT (5" x 2")**

**STOWAGE AID BOOKLET  
FOR  
DAMAGE CONTROL EQUIPMENT**

**RECOMMENDATION/SUGGESTION FORM**

In the interest of continually improving the damage control equipment, we would like to receive your suggestions for making this document a more effective tool for Navy personnel. To ensure that your suggestions are processed quickly and fully, please forward each recommendation on a separate form, with the requested information filled out on each. The recommendations will be reviewed and presented annually at the CNO's DC/FF Working Group. Thank you for your time and effort in helping us improve damage control equipment.

**ORIGINATOR INFORMATION**

Name: \_\_\_\_\_

Rank/Grade: \_\_\_\_\_

Ship/Station: \_\_\_\_\_

Address: \_\_\_\_\_

Daytime Phone Number: \_\_\_\_\_

Date: \_\_\_\_\_

**RECOMMENDATION/SUGGESTION**

What is the latest change incorporated into your Stowage Aid Booklet For DC Equipment? \_\_\_\_

Does this suggestion pertain to incorrect information currently contained in the Stowage Aid Booklet For DC Equipment? (Y/N)

If yes, what page(s) and paragraph(s) contain the error?

\_\_\_\_\_

Recommendation/Suggestion: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**NAVSEA Reviewer Information**

Serial # \_\_\_\_\_

Date \_\_\_\_\_

Presented \_\_\_\_

Accepted \_\_\_\_

Rejected \_\_\_\_

Incorporated (Y/N) \_\_\_\_

Change # \_\_\_\_