

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

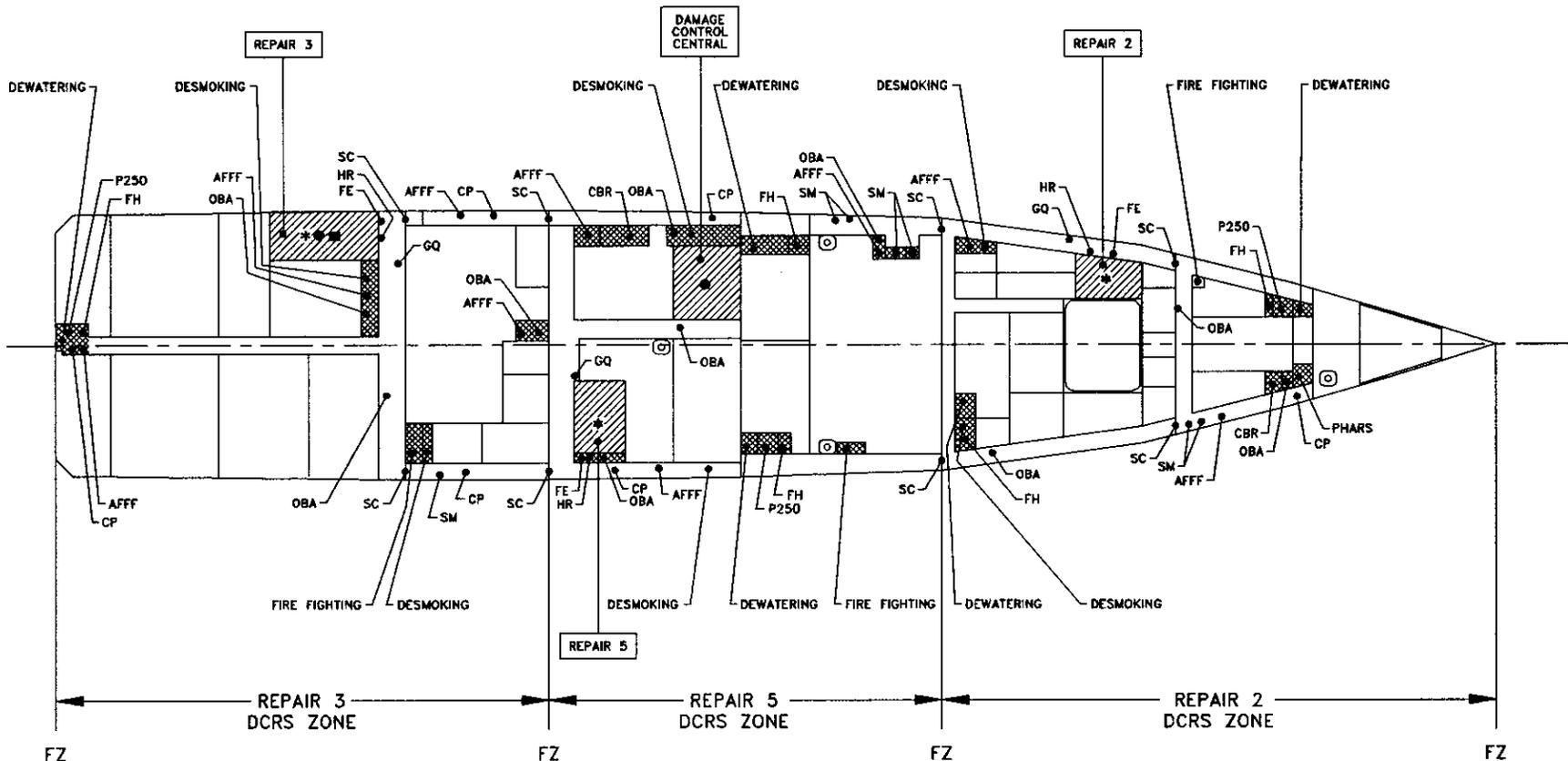
SECTION 2 SKETCH NO.	TITLE OF SKETCH
001	Typical Damage Control Repair Station (DC Deck Layout)
002	Typical Damage Control Repair Station (Plan View) Version 1
002	Typical Damage Control Repair Station (Plan View) Version 2
002	Typical Damage Control Repair Station (Plan View) Version 3
002	Typical Damage 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

LEGEND:

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

LEGEND:

-  DC EQUIPMENT STOWAGE
- AFFF = 4 CANS AFFF & INLINE EDUCTOR
- CBR = CBR EQUIPMENT LKR
- CP = CASUALTY POWER CABLE
- FE = FIRE EXTINGUISHER
- FH = FIRE HOSE
- GQ = GENERAL QUARTERS GEAR
- HR = HELMET RACK
- P250 = P250 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 lone 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

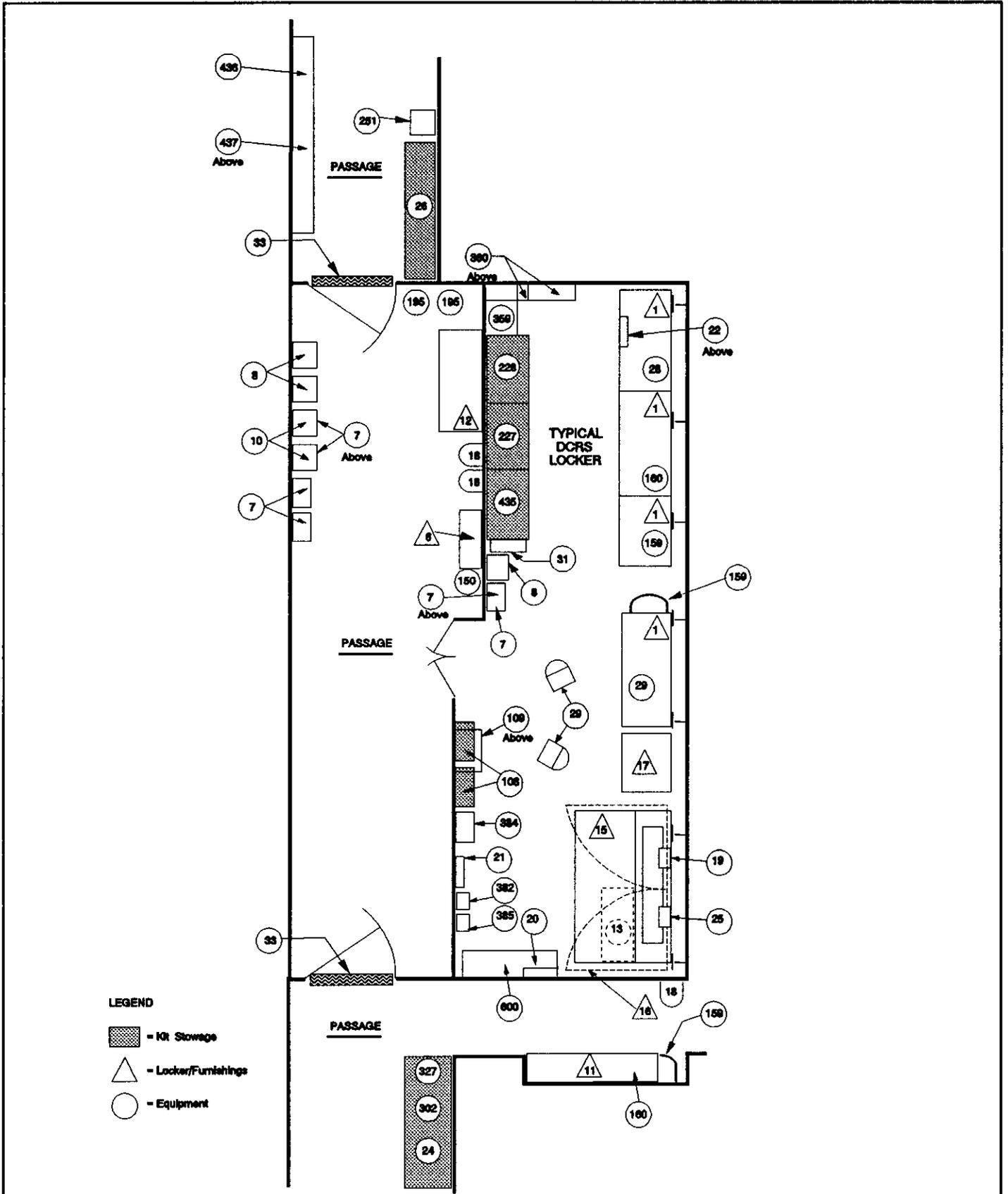
Location No.	Typical No. Req'd Per Space	Description	Dwg or Spec No.	Remarks
31	2	Emergency Comms Reels		Repair 2, 3 & 5 and DCEL
33	3	Smoke Curtains	DC Stowage Sketch Sec. 4 - #090, #091, #092	Repair 2, 3 & 5 and DCEL Passage. Pre-hung above W.T. door or on each side
108	2	Investigator/Tender Kit		Repair 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

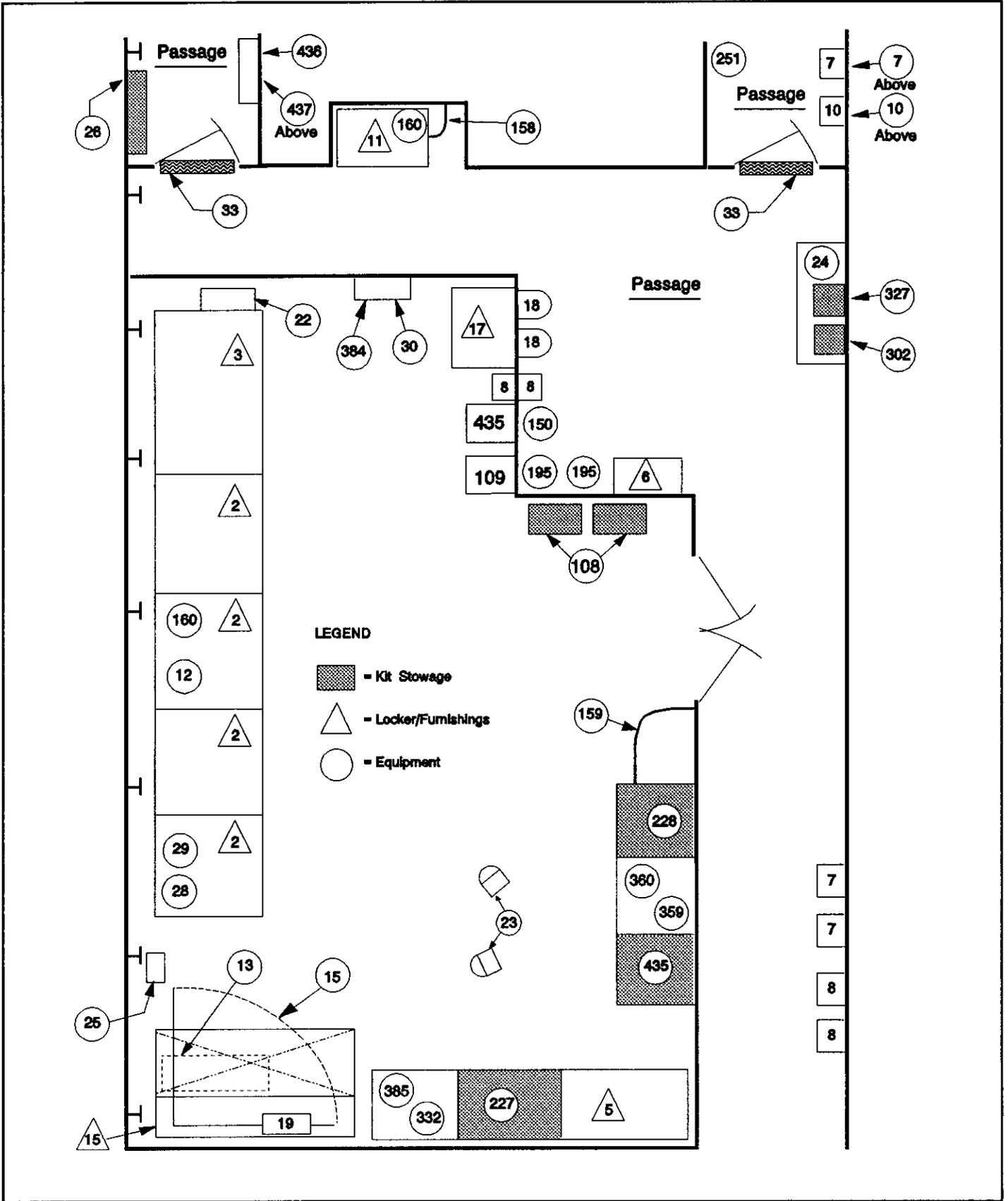
DC STOWAGE SKETCH SEC. # - #000: DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #000
 DCRS: DAMAGE CONTROL REPAIR STATION
 DCEL: DAMAGE CONTROL EQUIPMENT LOCKER

- 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.



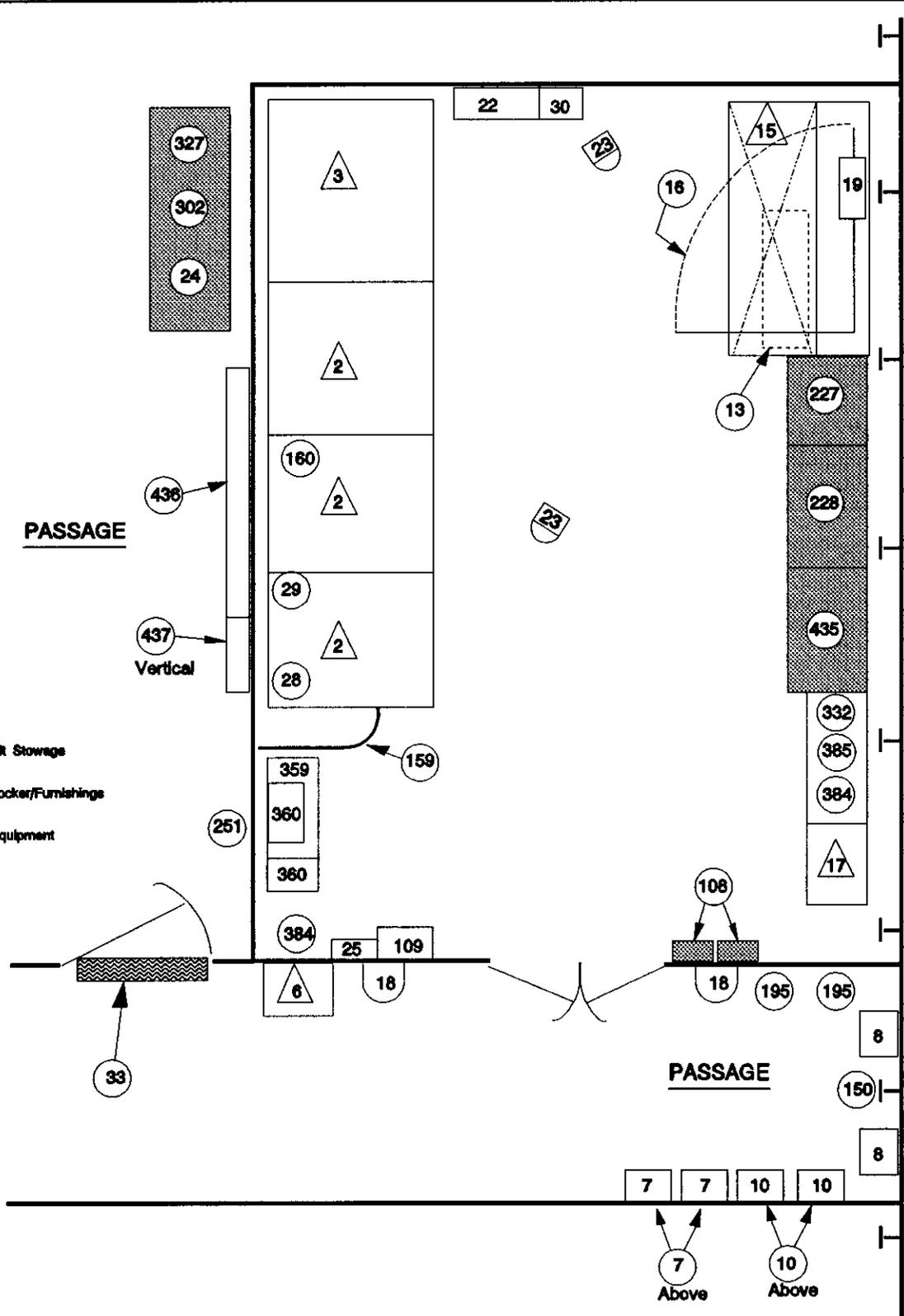
DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #002
TYPICAL DAMAGE CONTROL REPAIR STATION (PLAN VIEW)

Version 1



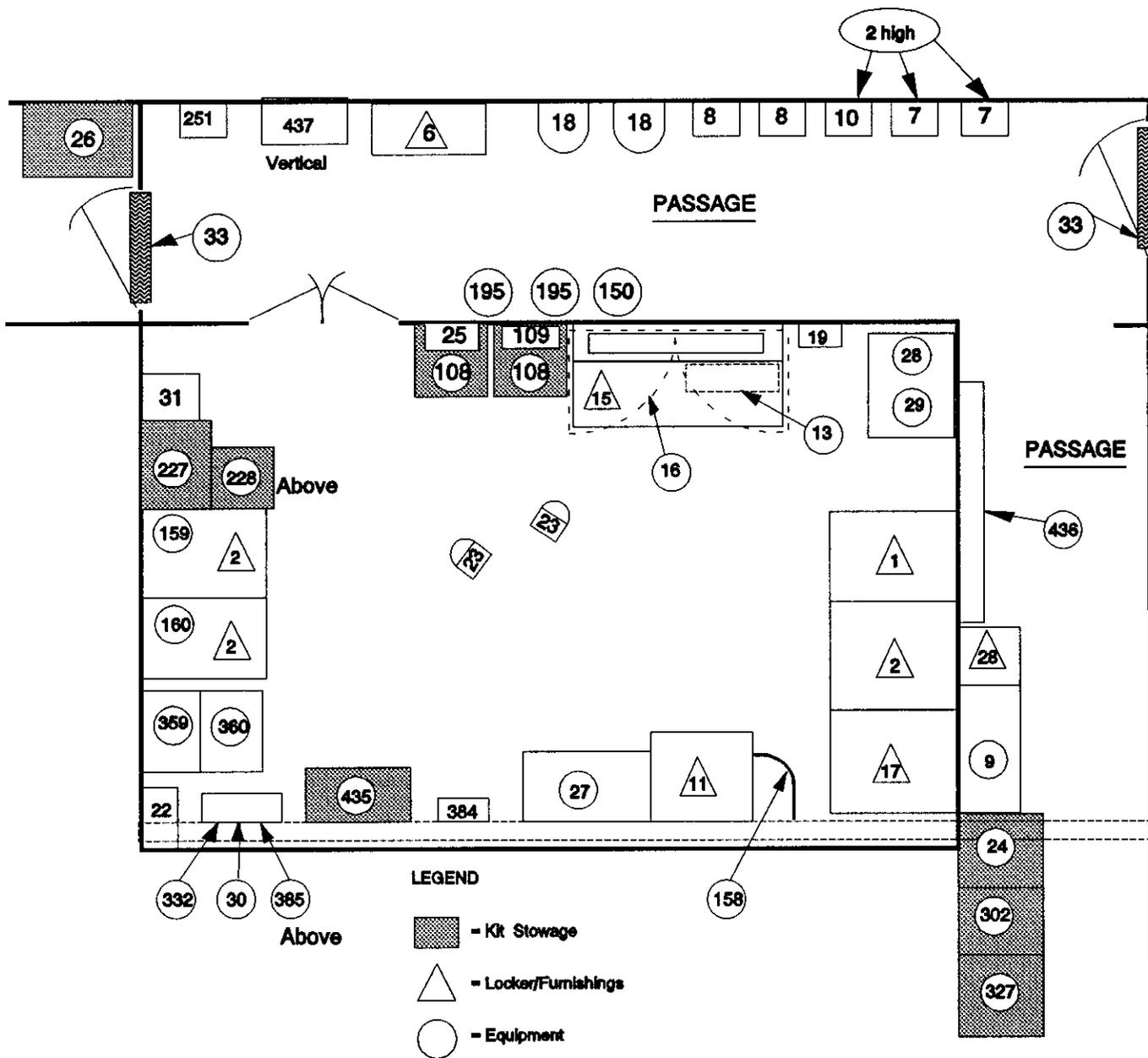
DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #002
TYPICAL DAMAGE CONTROL REPAIR STATION (PLAN VIEW)

Version 2



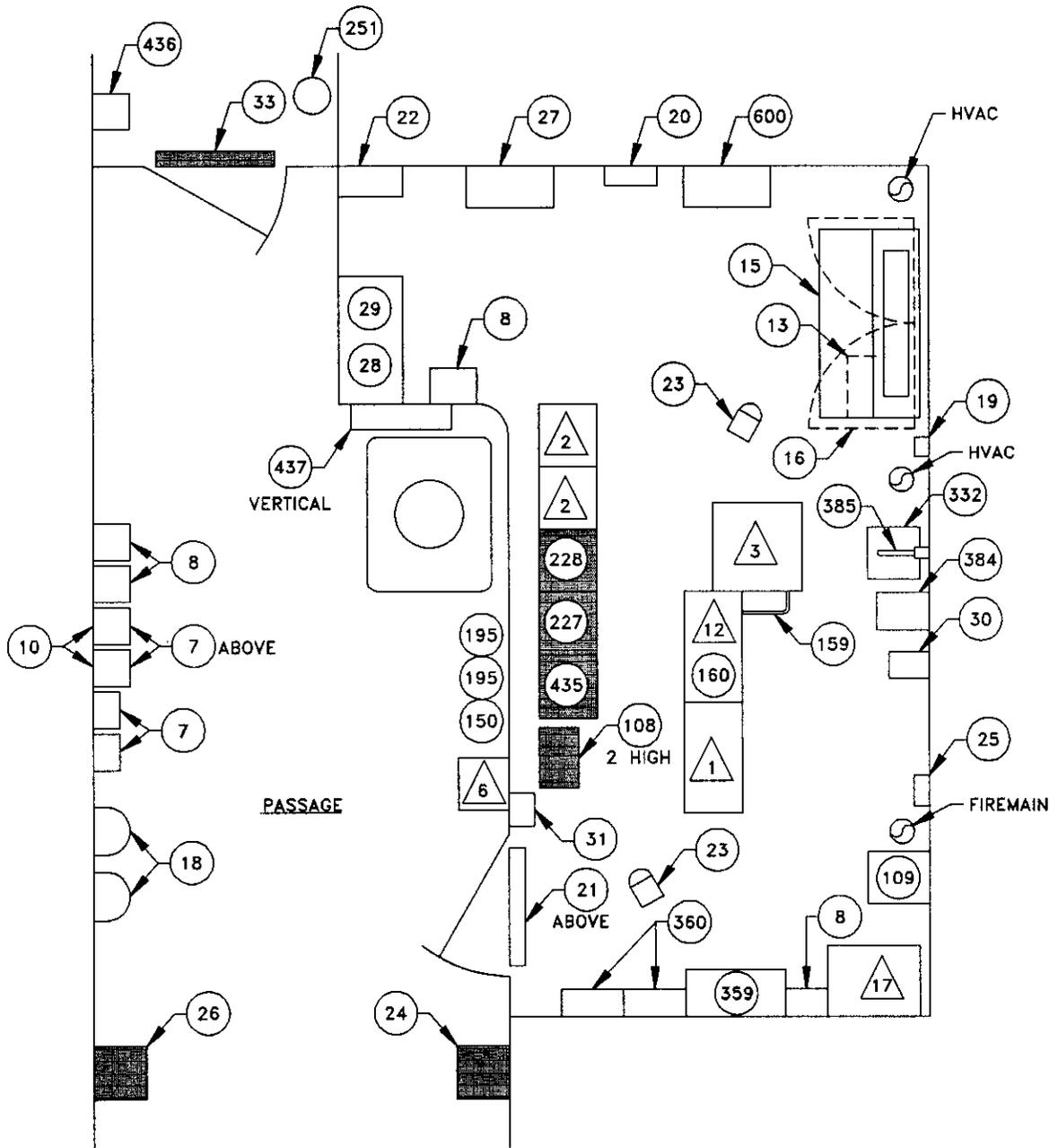
DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #002
TYPICAL DAMAGE CONTROL REPAIR STATION (PLAN VIEW)

Version 3



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

Version 4



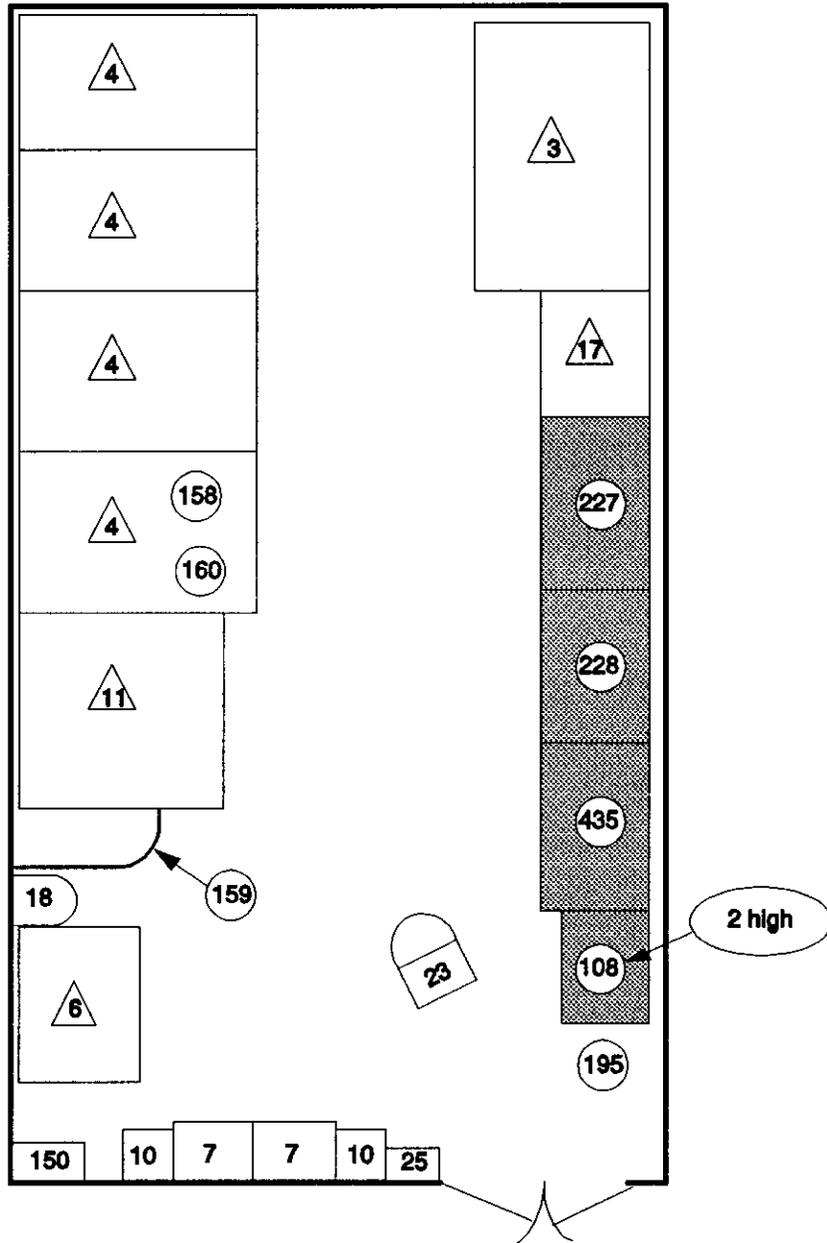
LEGEND:

-  KIT STORAGE
-  LOCKER/FURNISHINGS
-  EQUIPMENT

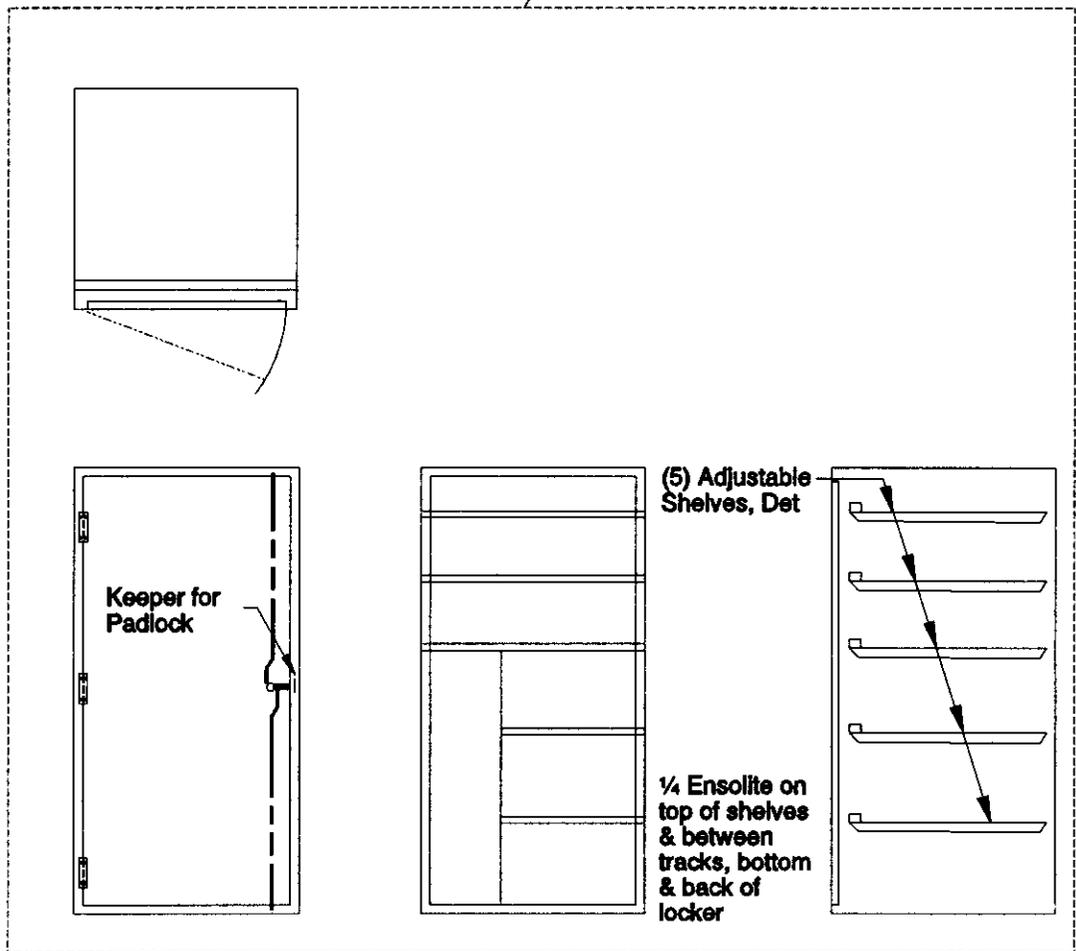
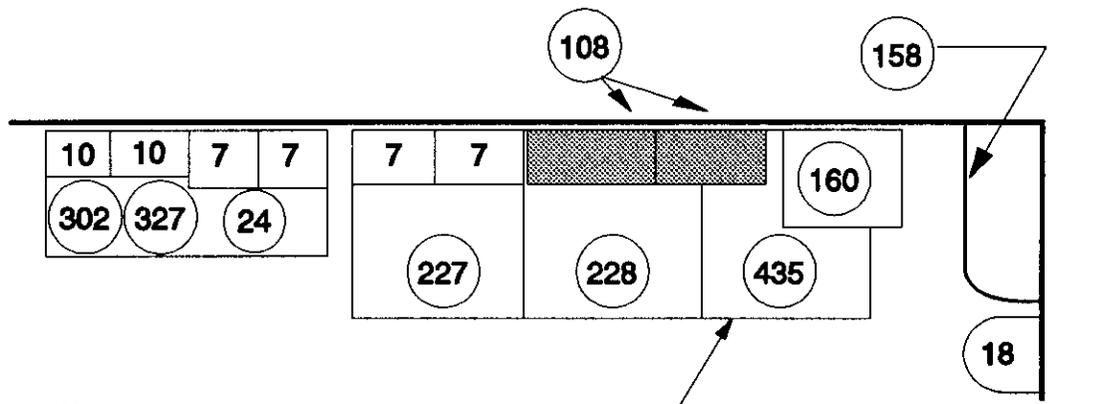
DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 002
TYPICAL DAMAGE CONTROL REPAIR STATION (DCRS)
SECONDARY DCC, VERSION 5

LEGEND

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



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

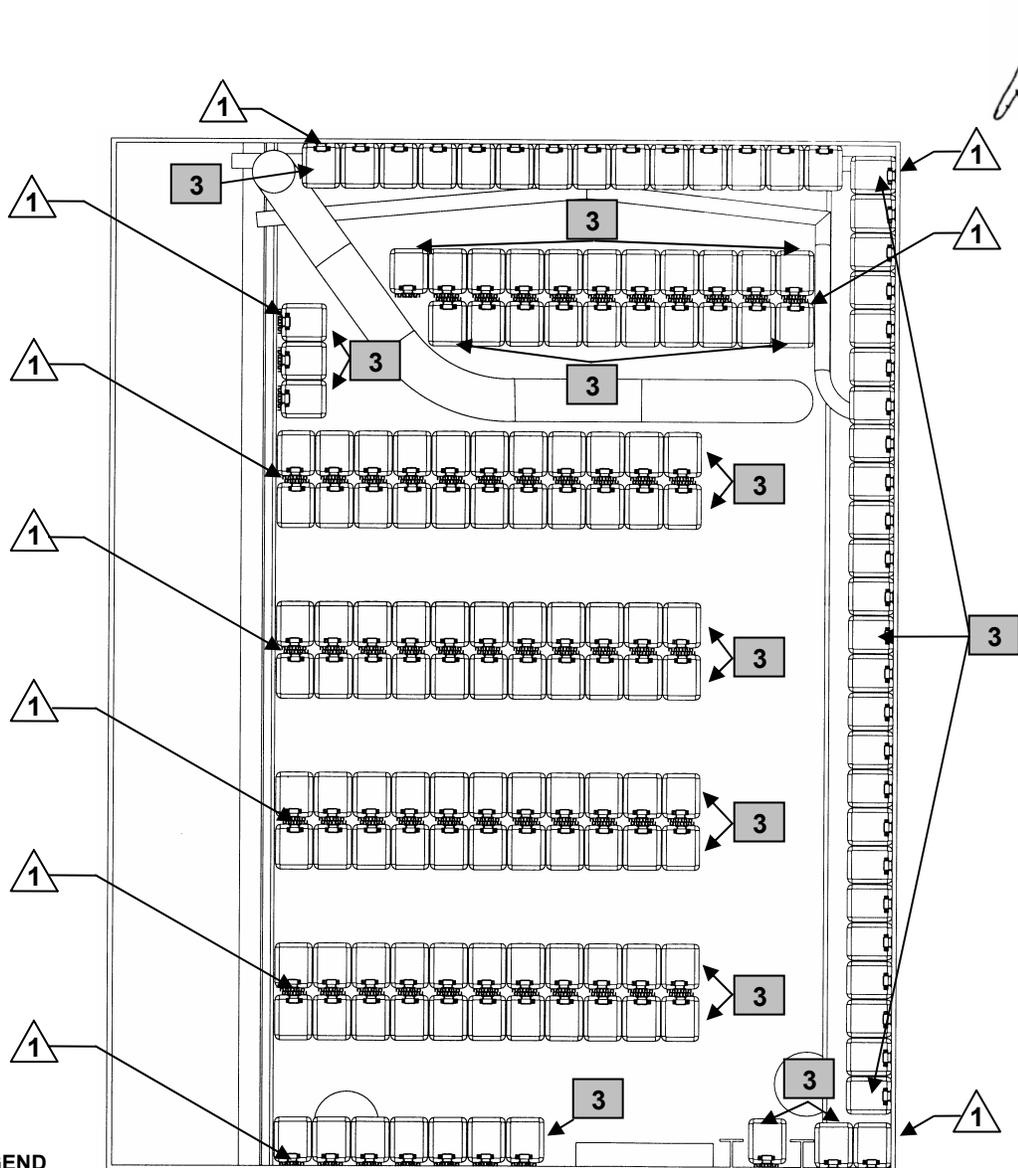


DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #004
TYPICAL DAMAGE CONTROL REPAIR STATION (PLAN VIEW)

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)		

NEW SKETCH



LEGEND

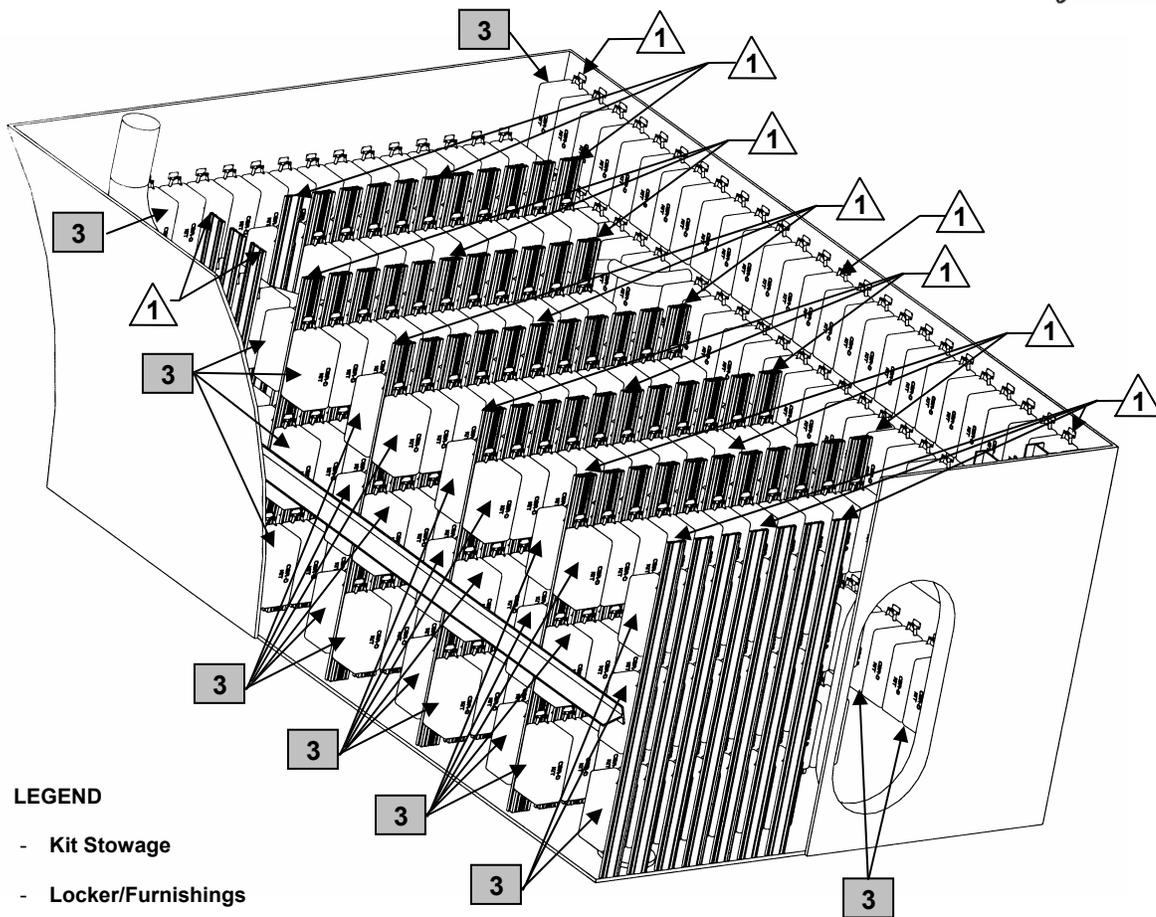
-  - Kit Stowage
-  - Locker/Furnishings

- 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 #005

CBR-D IPE COMPARTMENT STOWAGE

VIEW #1 – OVERHEAD VIEW

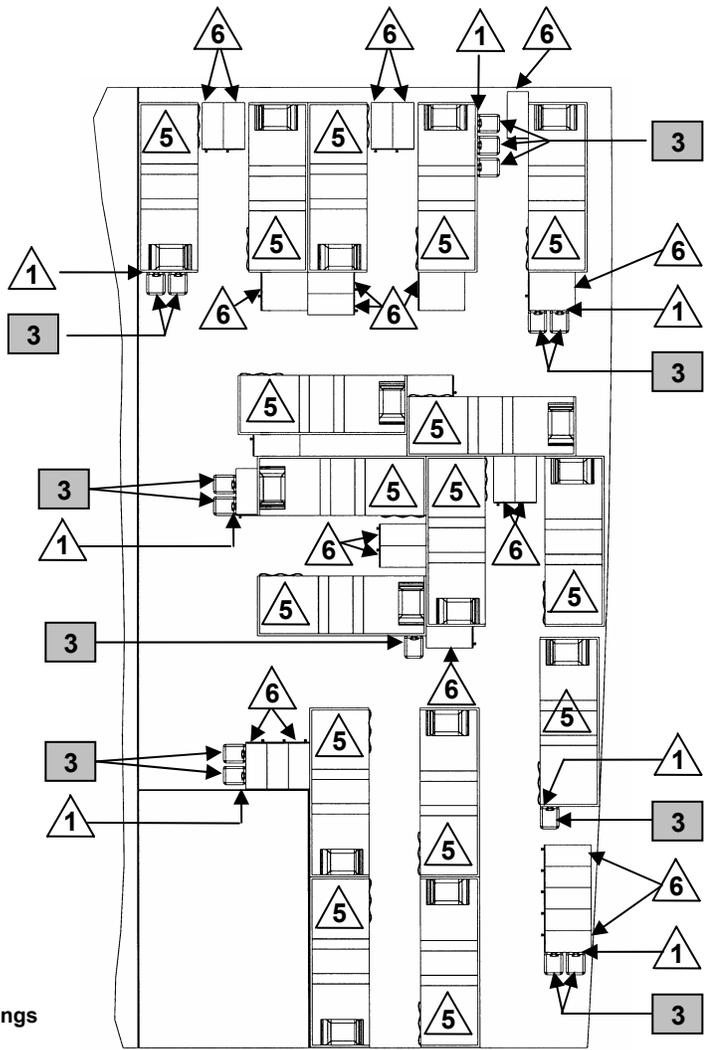


LEGEND

-  - 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 #006
CBR-D IPE COMPARTMENT STOWAGE
VIEW #2 – 3D VIEW



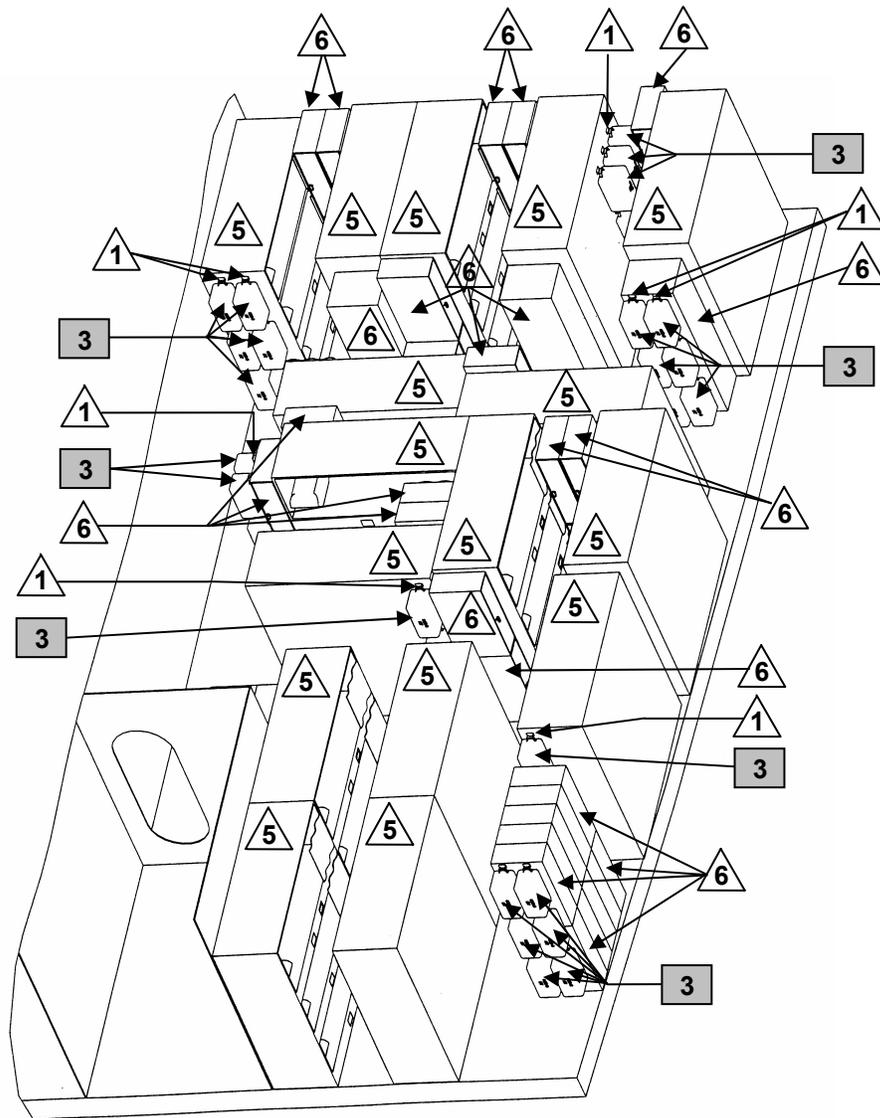
LEGEND

-  - Kit Stowage
-  - 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 #007
CBR-D IPE STOWAGE IN BERTHING COMPARTMENT
VIEW #1 – OVERHEAD VIEW

NEW SKETCH



LEGEND

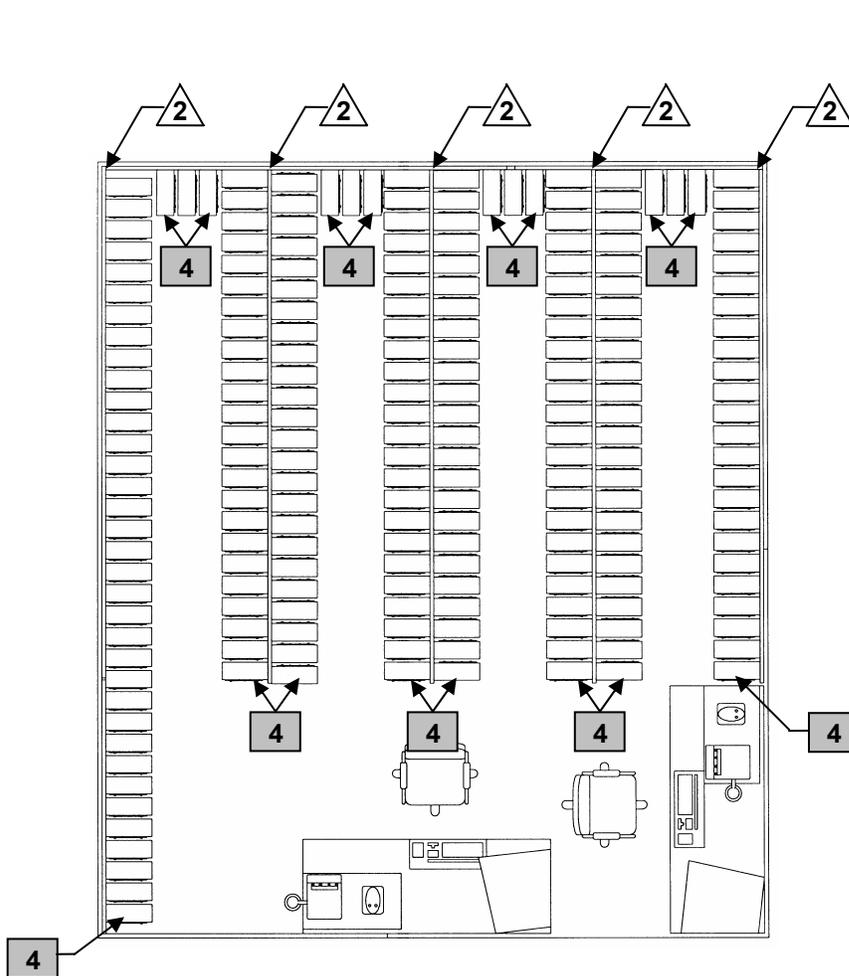
-  - Kit Storage
-  - Locker/Furnishings

- 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



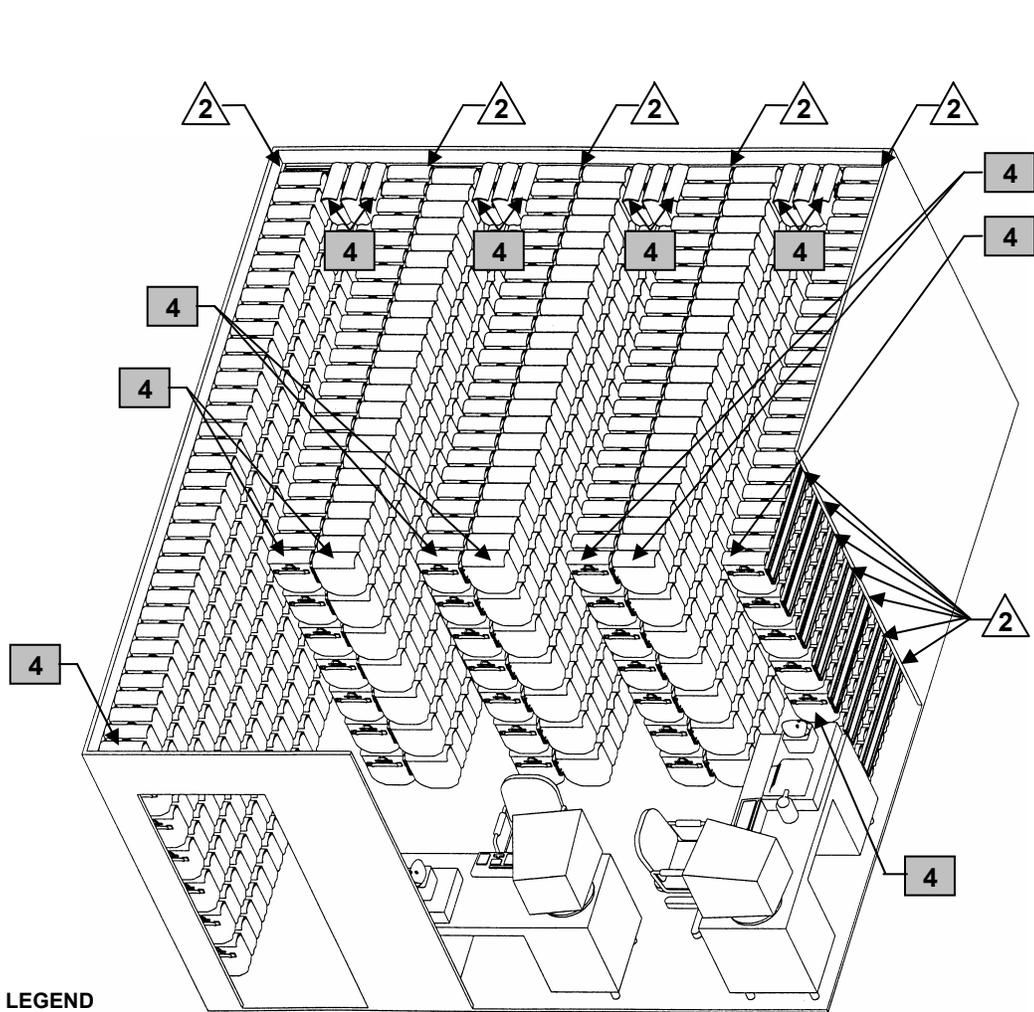
LEGEND

-  - 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

NEW SKETCH



LEGEND

-  - Kit Stowage
-  - Locker/Furnishings

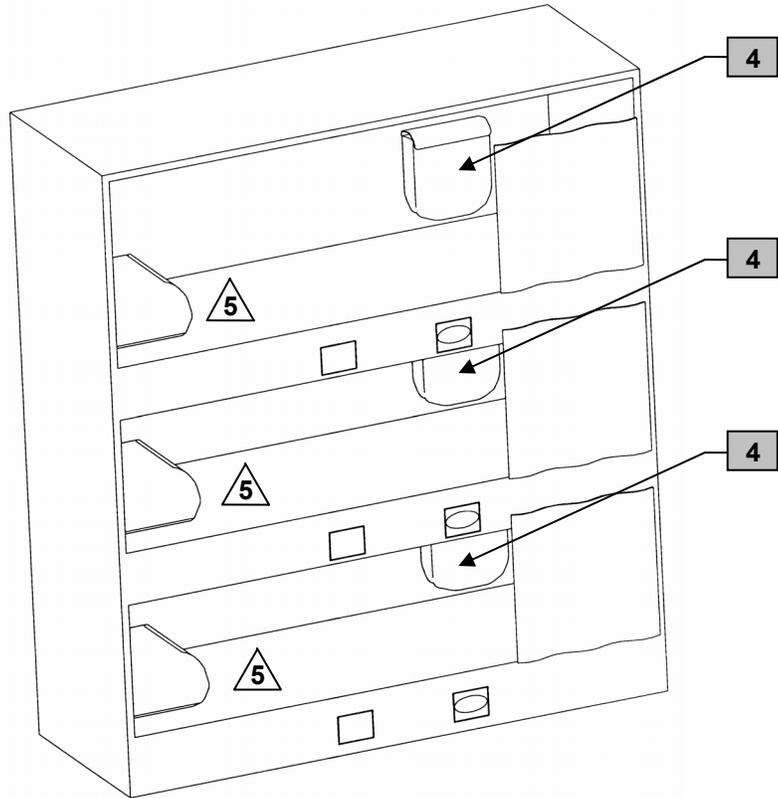
- NOTE: 1. MCU-2P RACK SYSTEMS ONLY CONTAIN INDIVIDUAL MCU-2P KITS.
2. MCU-2P KITS ARE STORED ON RACK SYSTEMS. EACH RACK CONTAINS 7 MCU-2P KITS ON INDIVIDUAL HOOKS.

DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #010

MCU-2P MASS STOWAGE

VIEW #2 – 3D VIEW

NEW SKETCH



LEGEND



- Kit Stowage

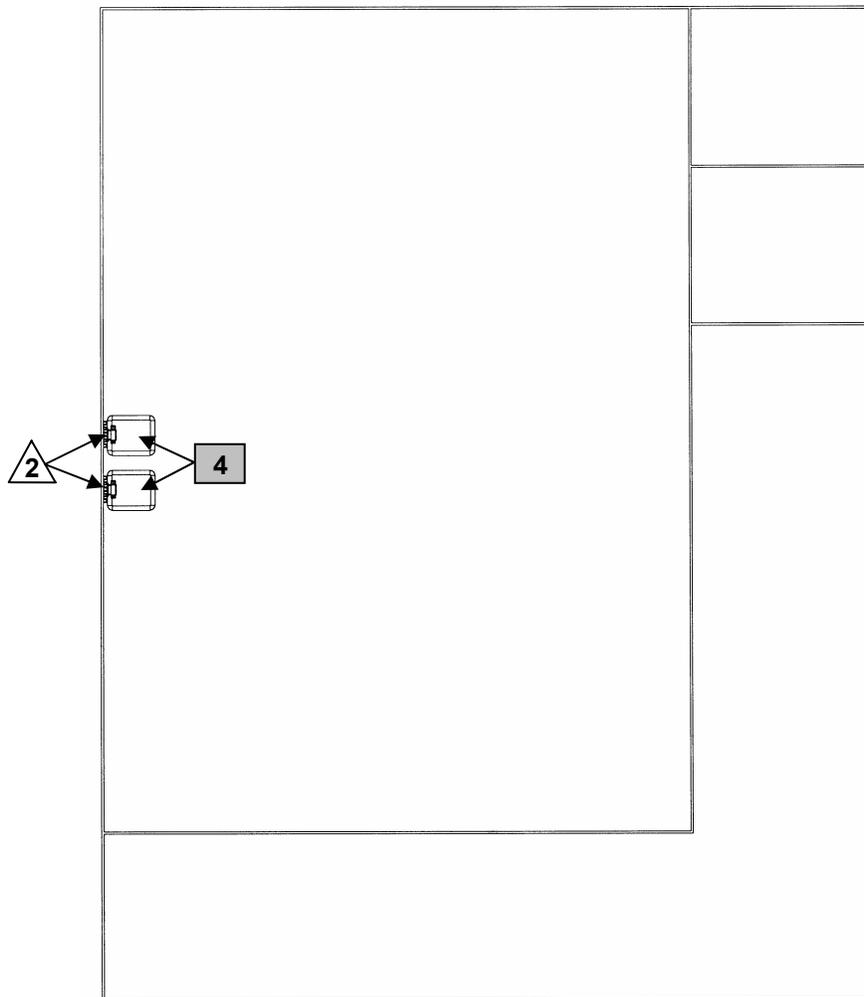


- Locker/Furnishings

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

DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #011
MCU-2P STOWAGE IN BERTHING

NEW SKETCH



LEGEND



- Kit Stowage



- Locker/Furnishings

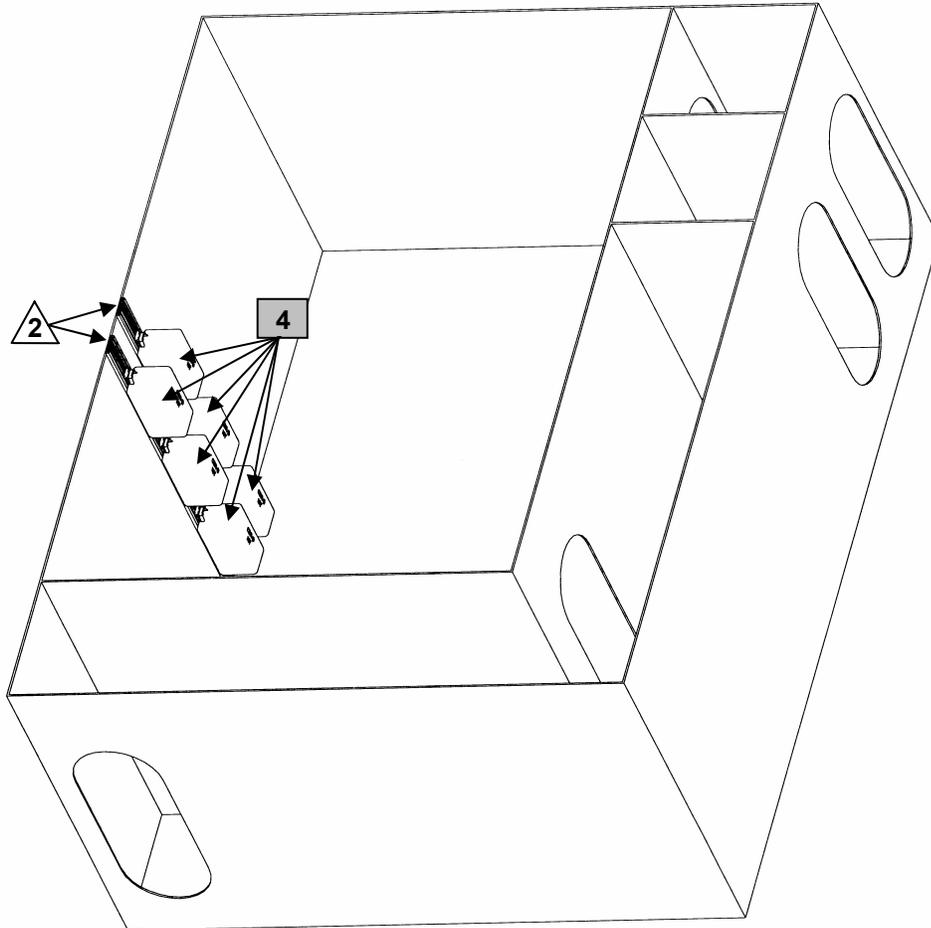
- NOTE: 1. MCU-2P RACK SYSTEMS ONLY CONTAIN INDIVIDUAL MCU-2P KITS.
2. MCU-2P KITS ARE STORED ON RACK SYSTEMS. EACH RACK CONTAINS 3 MCU-2P KITS ON INDIVIDUAL HOOKS.

DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #012

MCU-2P STOWAGE IN DECONTAMINATION STATION

VIEW #1 – OVERHEAD VIEW

NEW SKETCH



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