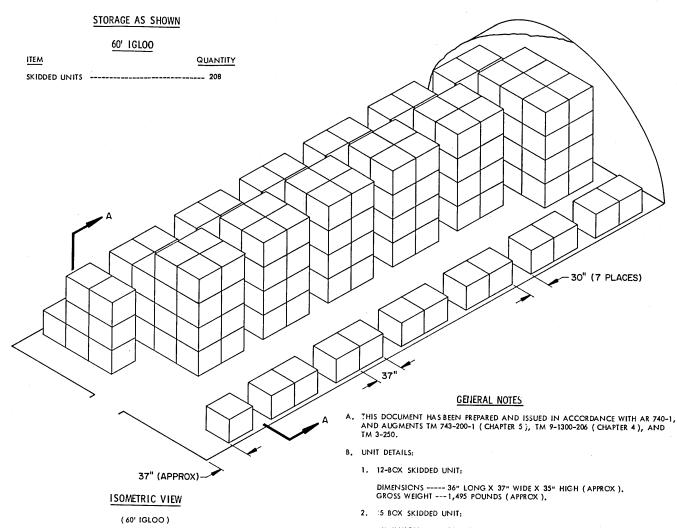
STORAGE IN 60' & 80' IGLOO, 80' STRADLEY, AND 89' OVAL-ARCH MAGAZINES OF IO5MM CHEMICAL COMPLETE ROUND, I2-BOX AND/OR I5-BOX SKIDDED UNIT AND/OR 20-BOX PALLET UNIT

INDEX	
<u>ITEM</u> <u>P</u>	AGE (S)
GENERAL NOTES	3 2, 3 4, 5 6, 7 8, 9 10, 11 12, 13
IGLOO MAGAZINE	16, 17 18, 19

	REVISIONS			J. D.	MW CALL	DWRF	TH CITO		
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DO NOT SCALE

# STORAGE AS SHOWN 80' IGLOO QUANTITY ITEM SKIDDED UNITS ----- 280 - INSPECTION AISLE. ➡-30" (9 PLACES) 36" (APPROX)--ARROWS INDICATE DIRECTION OF STORAGE FROM WALL, STANDARD STACKS PLAN VIEW MHE OPERATING AISLE. (80' IGLOO ) THESE UNITS STACKS ONLY SEE GENERAL NOTE "D" ON PAGE 3. 7'-4" (APPROX) SECTION A-A 16 UNITS PER STANDARD STACK. TWO REAR STACKS, 20 UNITS EACH. IGLOO STORAGE PROCEDURES FOR 12-BOX UNIT PAGE 2



#### (GENERAL NOTES CONTINUED)

- K. REFER TO PAGE 20 FOR GUIDANCE RELATIVE TO LUT SEFARATI IN REQUIREMENTS WHEN STORING MULTIPLE LOTS WITHIN A MAGAZINE.
- THE STORAGE PROCEDURES DEFICTED FOR IGLOO MAGAZINES ARE ALSO APPLICABLE FOR STEEL ARCH MAGAZINES WHICH HAVE A SIMILAR CROSS SECTIONAL AREA.

#### **REVISIONS**

REVISION NO. 1, DATED APRIL 1982, CONSISTS OF:

- ADDING PROCEDURES FOR THE 20-BOX PALLET UNIT.
- UPDATING THE GENERAL NOTES. 2.

REVISION NO. 2, DATED JUNE 1937, CONSISTS OF:

- ADDING UNITS TO THE DOUBLE-STACKS AT THE REAR OF THE MAGAZINES, THUS INCREASING THE QUANTITY OF UNITS THAT CAN BE STORED.
- ADDING ONE UNIT TO EACH STACK OF 12-BOX UNITS IN IGLOO MAGAZINES ON PAGE 2.

UIMENSIONS-----36" LONG X 37" WIDE X 43" HIGH (APPROX ). GROSS WEIGHT----1,755 POUNDS (APPROX ).

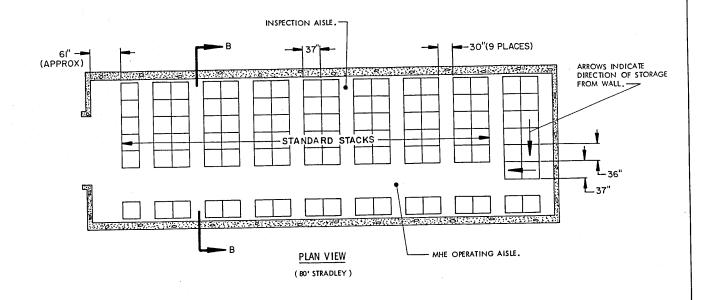
3. 20-BOX PALLET UNIT:

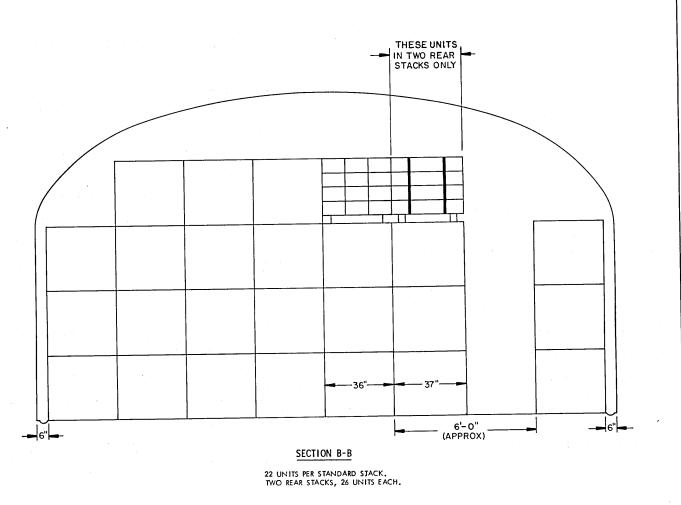
DIMENSIONS -----36-3/4" LONG X 48-1/2" WIDE X 44-1/4" HIGH (APPROX ). C  $\tilde{\kappa}$  -55 WEIGHT----2,472 POUNDS (APPROX ).

- C. AISLE DIMENSIONS SHOWN IN THIS DRAWING MAY BE ADJUSTED TO SUIT LOCAL CONDITIONS AND/OR AVAILABLE MATERIALS HANDLING EQUIPMENT; HOWEVER, THIRTY-INCH (30") MINIMUM ACCESS AISLES WILL BE PROVIDED, AS SHOWN, TO FACILITATE INSPECTION.
- D. STORED UNITS MUST NOT CONTACT THE WALL OF A MAGAZINE. TO PROVIDE FOR THIS MANDATORY CLEARANCE REQUIREMENT, UNITS MAY BE ELIMINATED FROM THE DEPICTED STORAGE PATTERN AS NECESSARY.
- E. THE MAXIMUM FLOOR LOAD FOR A MAGAZINE, AS PRESCRIBED BY LOCAL STANDARDS, WILL NOT BE EXCEEDED.
- F. THE STORAGE PROCEDURES DEPICTED HEREIN FOR SPECIFIC TYPES OF MAGAZINES MAY ALSO BE UTILIZED TO STORE UNITS IN OTHER TYPES OF APPROVED MAGAZINES. MINOR ADJUSTMENTS MAY BE MADE TO FACILITATE STORAGE IN OTHER TYPES OF MAGAZINES, HOWEVER, THE BASIC PRINCIPLES AS DEPICTED HEREIN WILL BE COMPLIED WITH,
- G. THE MAGAZINE MUST COMPLY WITH ALL REQUIREMENTS AND BE APPROVED FOR THE STORAGE OF CHEMICAL ITEMS.
- OTHER COMPATIBLE ITEMS MAY BE STORED IN A MAGAZINE WHICH IS PARTIALLY FILLED WITH THE DESIGNATED ITEM.
- A COMBINATION OF MATERIAL HANDLING EQUIPMENT (MHE), SUCH AS FORKLIFT TRUCKS, PALLET JACKS, AND OTHER APPROVED EQUIPMENT, MAY BE USED TO PLACE AND/OR REMOVE UNITS WITHIN A STACK. IF SUITABLE MHE IS NOT AVAILABLE TO PERMIT PLACING AND/OR REMOVAL OPERATIONS WITHIN THE DESIGNATED MHE OPERATING AISLE, IT MAY BE NECESSARY TO OMIT ONE ROW OF UNITS, OR UNITS FROM THE TOP OF A ROW, ADJACENT TO THE MHE OPERATING AISLE.

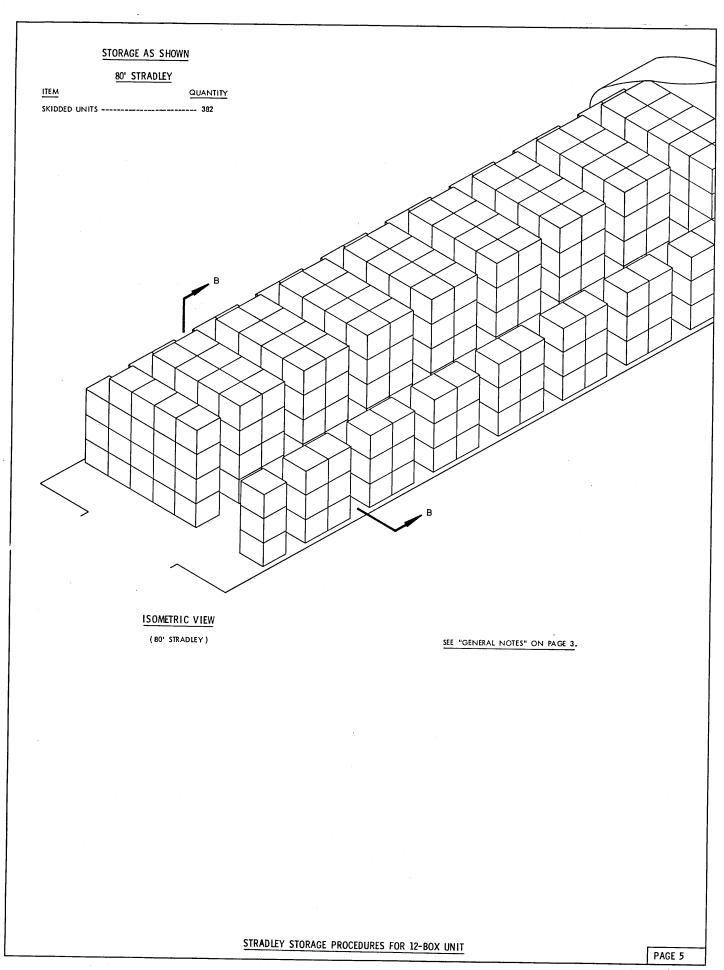
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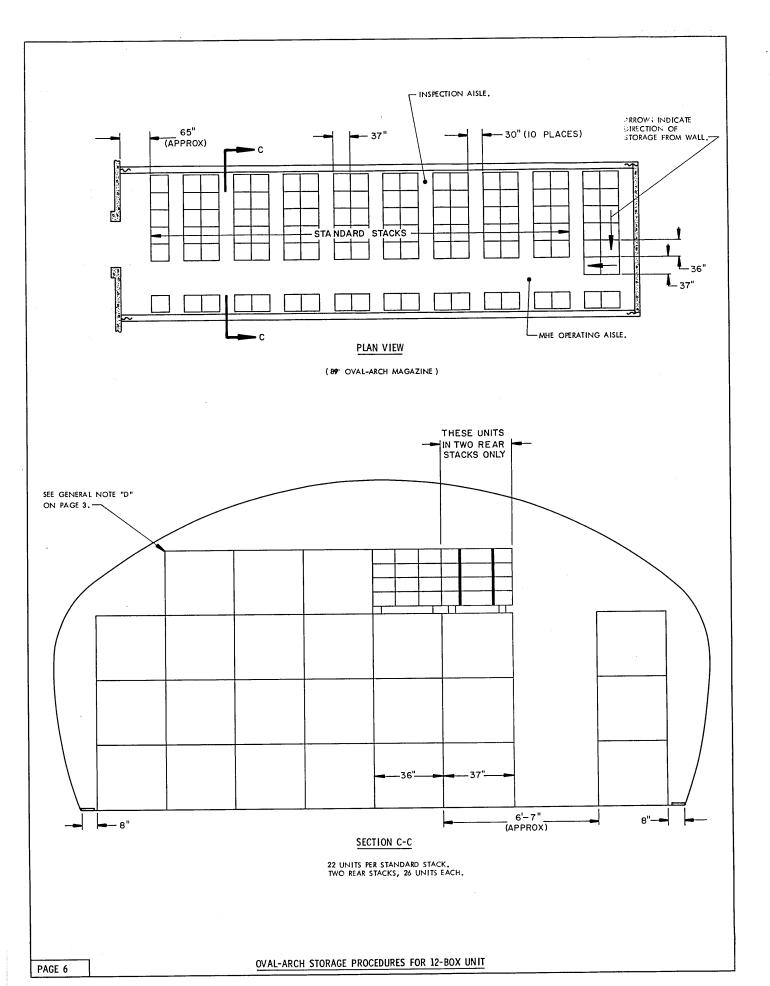
IGLOO STORAGE PROCEDURES FOR 12-BOX UNIT

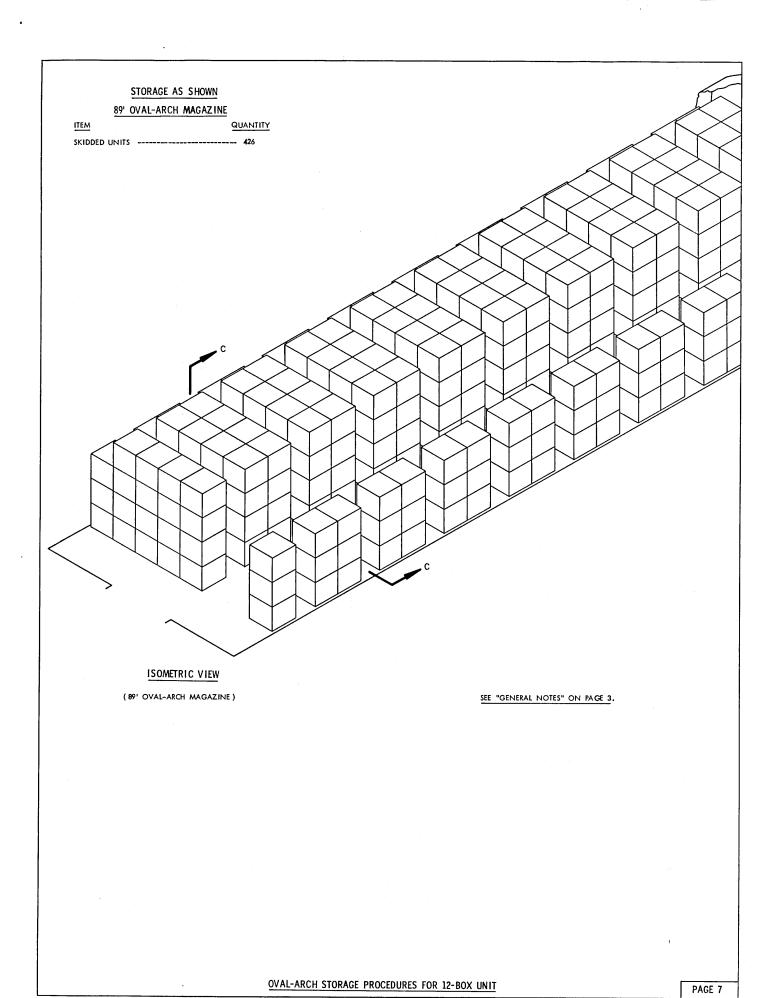




STRADLEY STORAGE PROCEDURES FOR 12-BOX UNIT

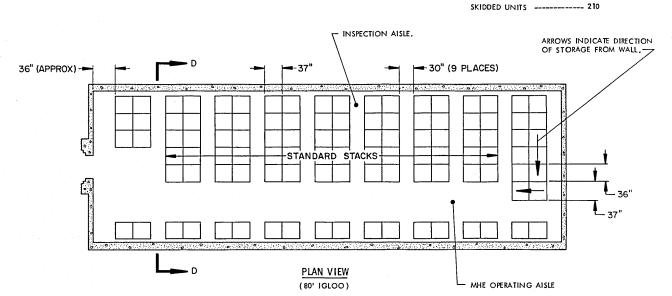


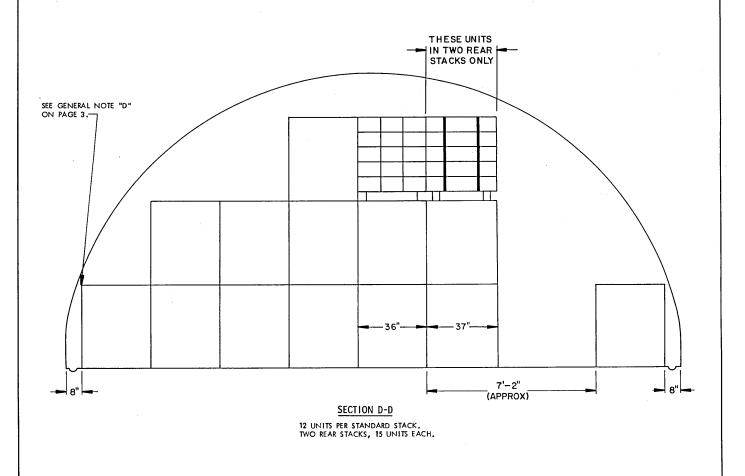




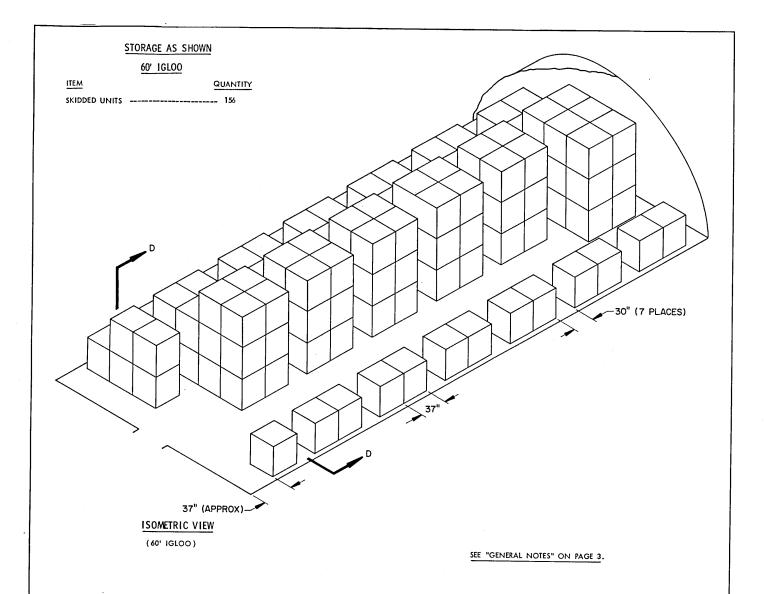
# STORAGE AS SHOWN 80' IGLOO

ITEM QUANTITY

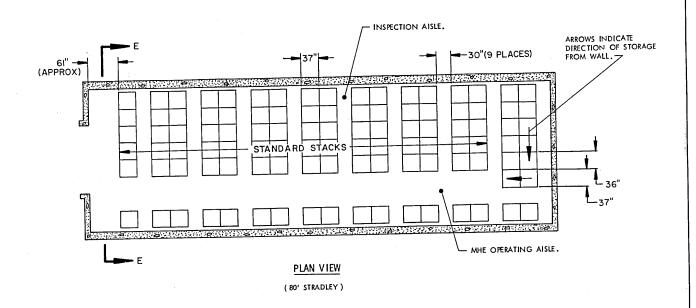


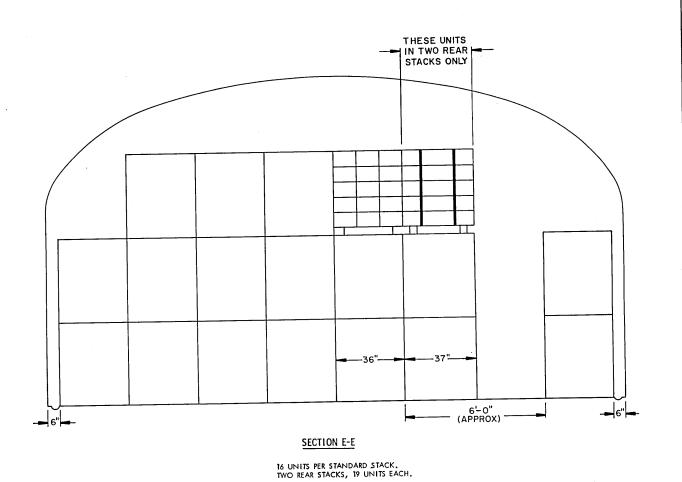


IGLOO STORAGE PROCEDURES FOR 15-BOX UNIT

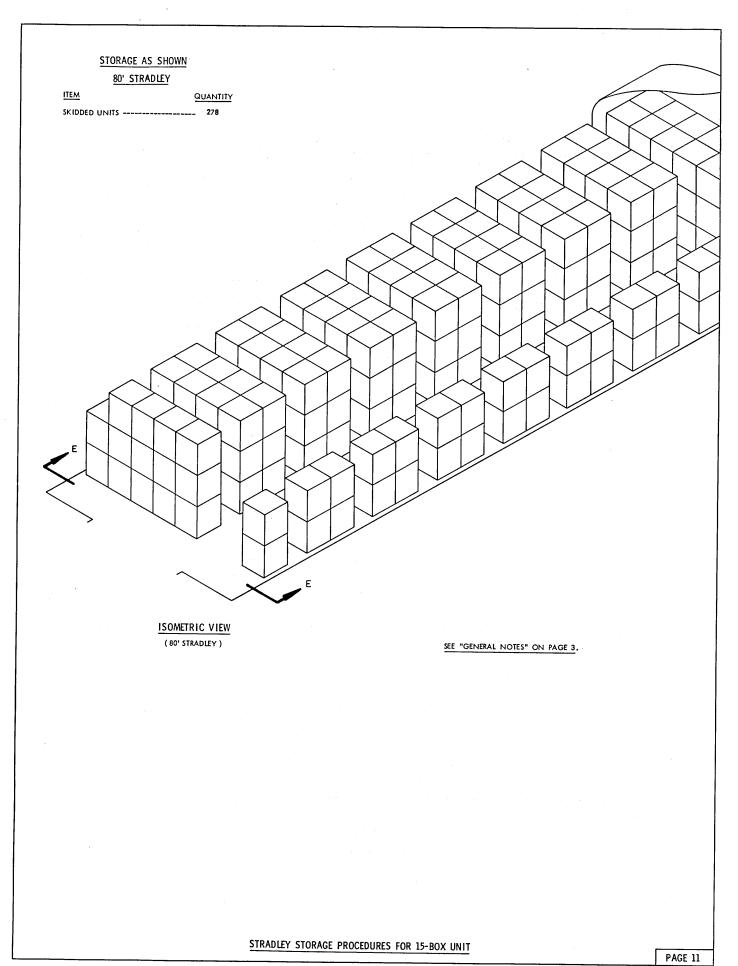


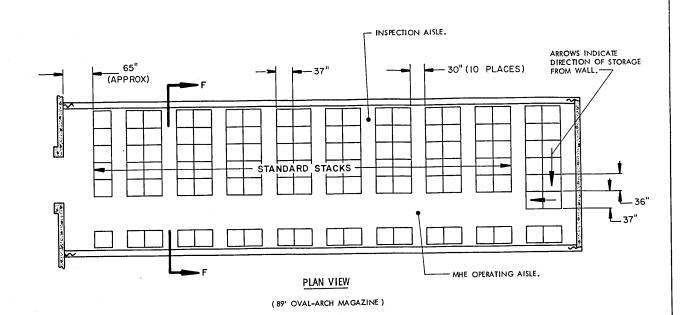
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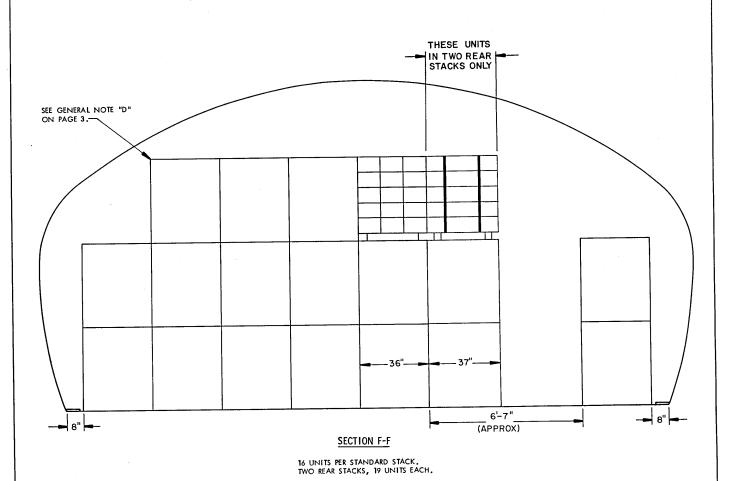




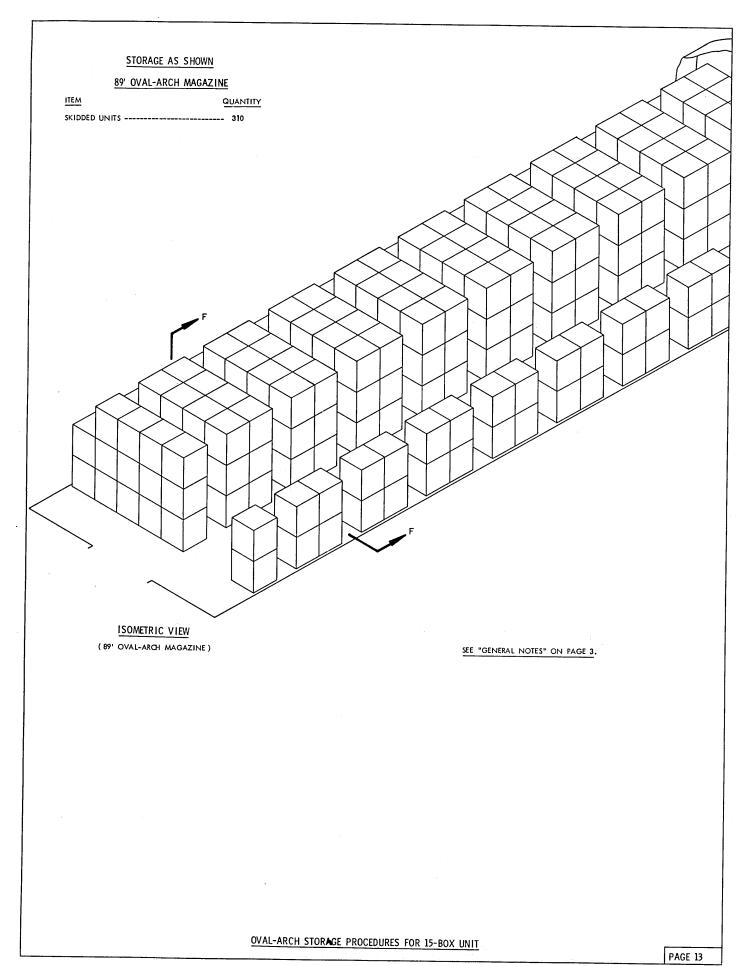
STRADLEY STORAGE PROCEDURES FOR 15-BOX UNIT

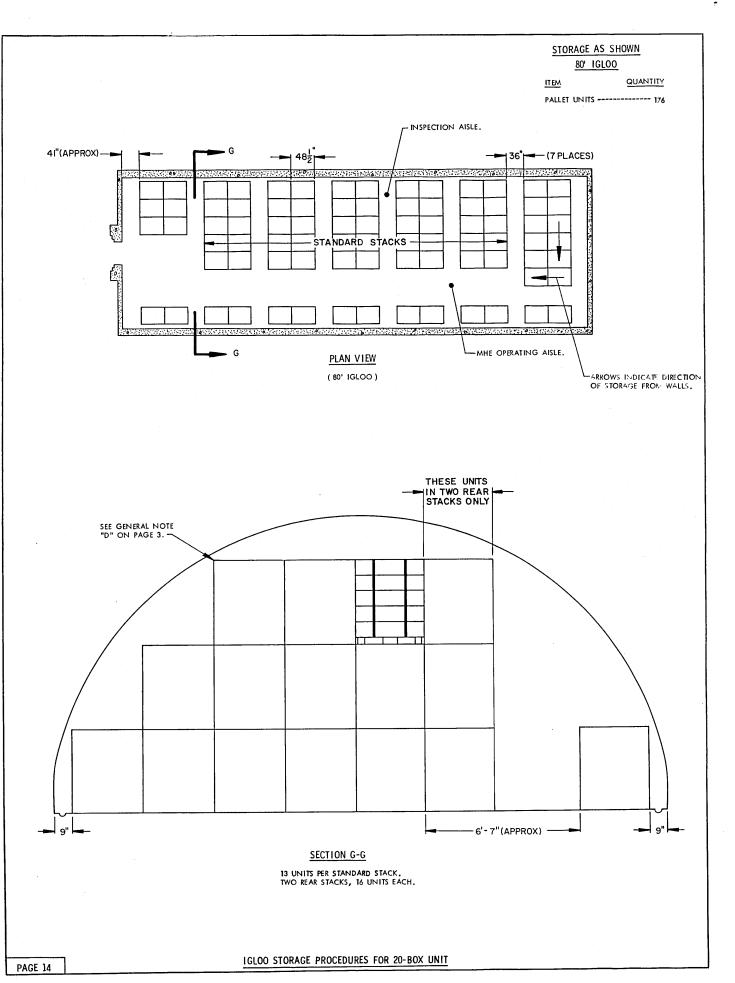


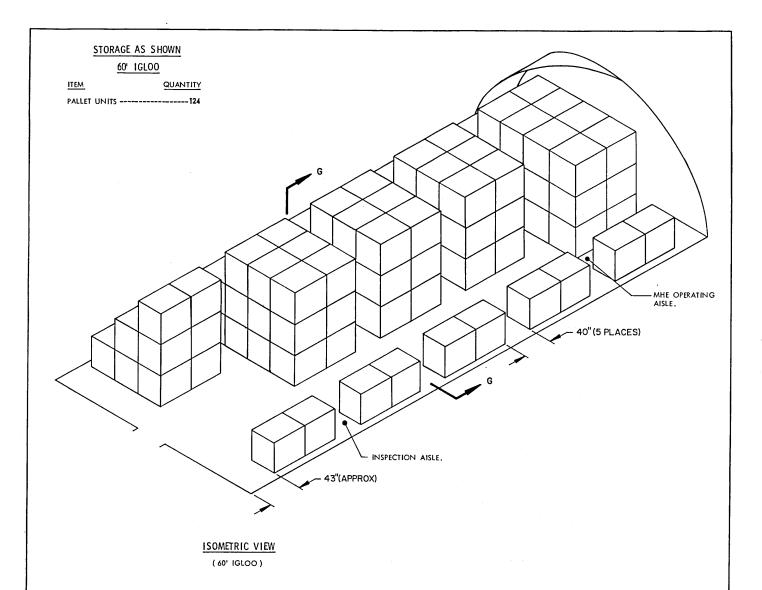




OVAL-ARCH STORAGE PROCEDURES FOR 15-BOX UNIT

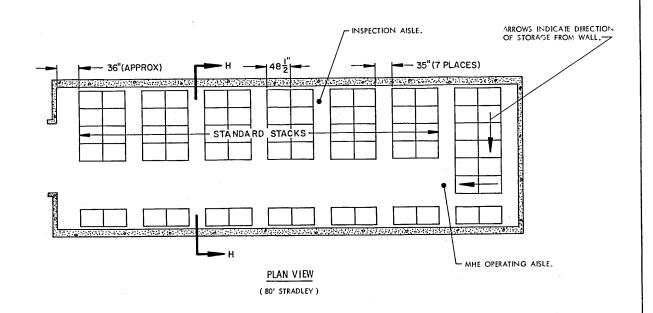


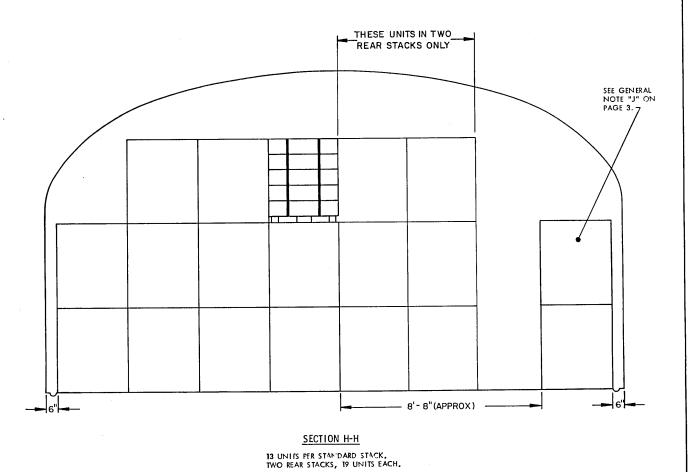


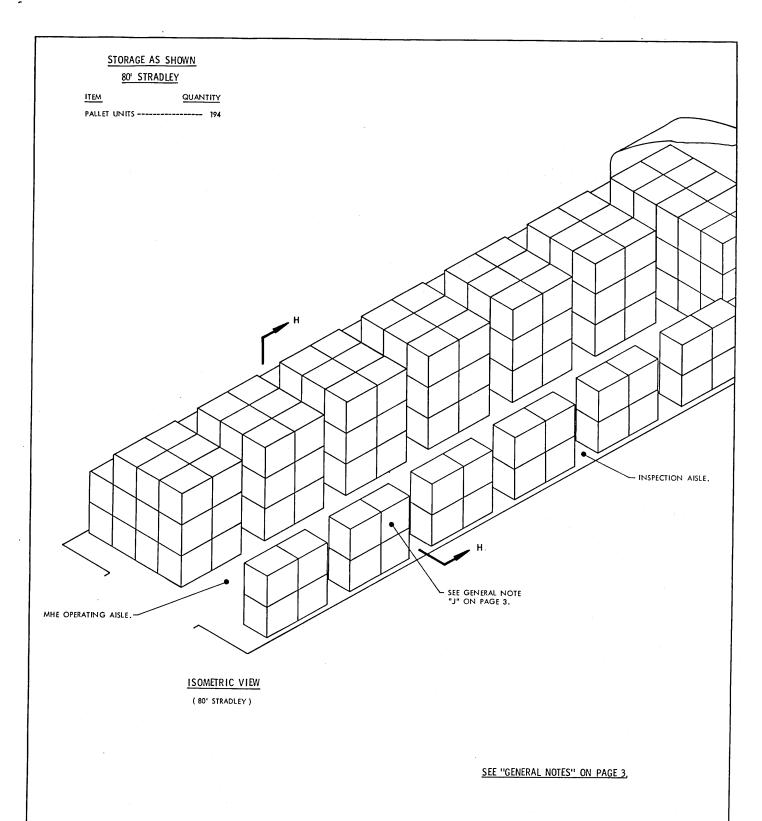


SEE "GENERAL NOTES" ON PAGE 3.

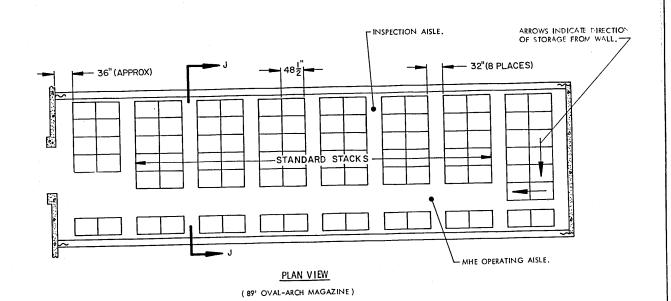
IGLOO STORAGE PROCEDURES FOR 20-BOX UNIT

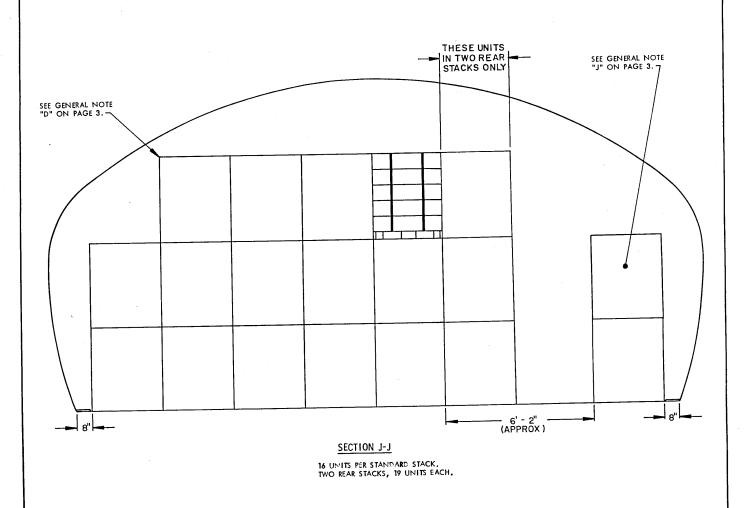




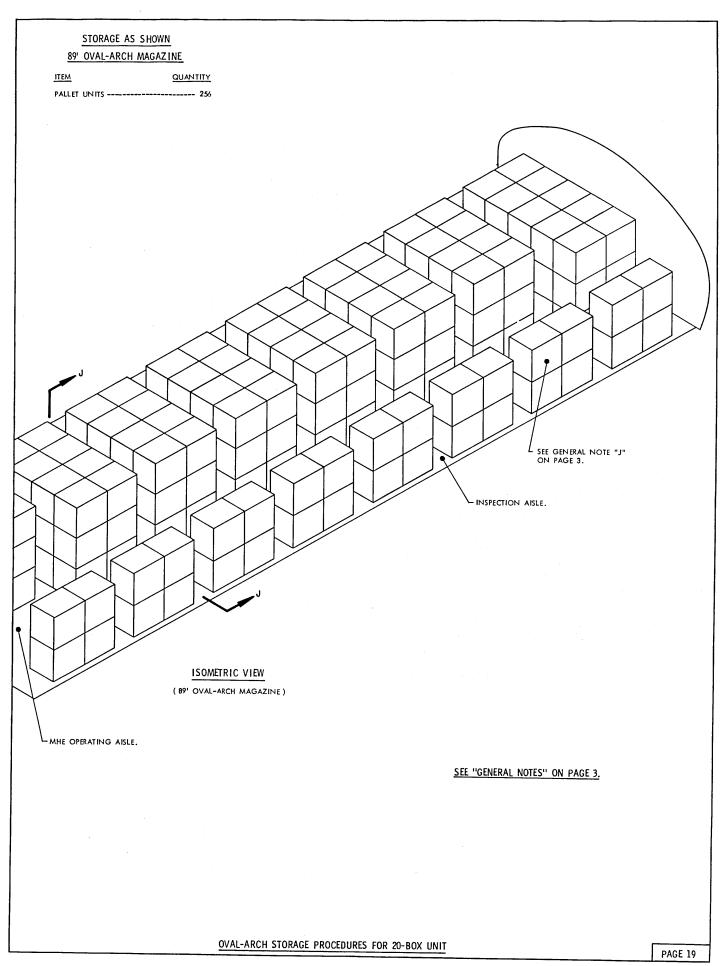


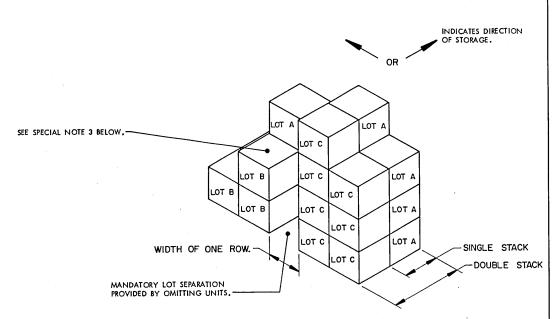
STRADLEY STORAGE PROCEDURES FOR 20-BOX UNIT





OVAL-ARCH STORAGE PROCEDURES FOR 20-BOX UNIT





## TYPICAL LOT SEPARATION DETAIL I

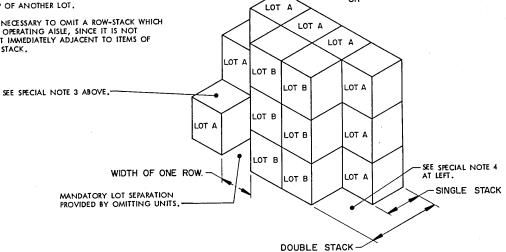
( IGLOO: SMALL UNIT DEPICTED )

OR

INDICATES DIRECTION OF STORAGE.

## SPECIAL NOTES:

- 1. LOT SEPARATION WILL BE MAINTAINED WITHIN A STORAGE MAGAZINE.
  THE TYPICAL DETAILS ON THIS PAGE ILLUSTRATE POSSIBLE CONFIGURATIONS
  WHICH COMPLY WITH THE MANDATORY LOT SEPARATION REQUIREMENTS.
  OTHER CONFIGURATIONS MAY ALSO BE USED, PROVIDED THE OTHER
  CONFIGURATIONS COMPLY WITH THE BASIC REQUIRMENTS STATED HEREIN.
- 2. WHEN STORING MULTIPLE LOTS WITHIN A MAGAZINE, DIFFERENT LOTS WILL BE SEPARATED WITHIN A SINGLE STACK BY OMITTING UNITS IN THE MANNER SHOWN IN THE "TYPICAL LOT SEPARATION DETAILS". UNITS OF ONE LOT IN A SINGLE STACK WILL NOT REQUIRE SEPARATION FROM UNITS OF A DIFFERENT LOT IN THE ADJACENT SINGLE STACK.
- 3. ONE LOT WILL NOT BE STACKED ON TOP OF ANOTHER LOT.
- 4. TO SATISFY LOT QUANTITIES, IT MAY BE NECESSARY TO OMIT A ROW-STACK WHICH WOULD NORMALLY BE NEXT TO AN MHE OPERATING AISLE, SINCE IT IS NOT PERMISSIBLE TO STACK ITEMS OF ONE LOT IMMEDIATELY ADJACENT TO ITEMS OF ANOTHER LOT WITHIN THE SAME SINGLE STACK.



### TYPICAL LOT SEPARATION DETAIL 2

(STRADLEY AND/OR OVAL-ARCH: LARGE UNIT DEPICTED)

MULTIPLE LOT STORAGE REQUIREMENTS