



## GENERAL NOTES

- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1, AND AUGMENTS TM 743-200-1 (CHAPTER 5), TM 3-250, AND TM 9-1300-206 (CHAPTER 4). HOWEVER, THE REQUIREMENTS OF TM 9-1300-206 DO NOT APPLY TO SUBCOMMANDS, INSTALLATIONS, AND ACTIVITIES UNDER DIRECT CONTROL OF THE U.S. ARMY MATERIEL COMMAND (AMC).
- B. THE STORAGE PROCEDURES SPECIFIED IN THIS DRAWING ARE APPLICABLE TO THE BLU-80/B (BIGEYE) BINARY CHEMICAL WEAPON BALLONET, MXU-695/B PACKED TWO (2) PER CNU-388/E STORAGE AND SHIPPING CONTAINER, UNITIZED 12 CONTAINERS PER METAL PALLET. SEE NOTE "F" BELOW.
- C. FOR DETAILS OF THE PALLET UNIT, SEE MIL-STD-1323-305 (NAVY) AND THE PALLET UNIT DETAIL ON PAGE 3.
- PALLET UNIT
- DIMENSIONS ---- 79-3/4" LONG BY 49-1/8" WIDE BY 44-3/4" HIGH  
GROSS WEIGHT -- 2028 POUNDS (APPROX)  
CUBE ----- 101.5 CUBIC FEET (APPROX)
- D. AISLE DIMENSIONS IN THIS DRAWING MAY BE ADJUSTED TO SUIT LOCAL CONDITIONS AND/OR AVAILABLE MATERIALS HANDLING EQUIPMENT. HOWEVER, TWENTY-FOUR INCH (24") MINIMUM WIDTH AISLES WILL BE PROVIDED AT THE AFT END OF ALL CONTAINERS, AS SHOWN, TO FACILITATE INSPECTION OF THE HUMIDITY INDICATORS.
- E. THE USE OF "FLOOR DUNNAGE" UNDER METAL PALLETS IS OPTIONAL, ALTHOUGH THE USE OF THIS TYPE OF DUNNAGE IS DELINEATED WITHIN THIS STORAGE PROCEDURE DRAWING. THE PURPOSE OF FLOOR DUNNAGE IS TO HELP KEEP THE RUNNERS OF A PALLET DRY, THUS AIDING IN PREVENTING DETEIORATION DUE TO OXIDATION (RUSTING). THEREFORE, FLOOR DUNNAGE SHOULD BE USED WHEN STORING IN A MAGAZINE THAT IS KNOWN TO HAVE A "DAMP" FLOOR. ALSO, IN LIEU OF USING ONE-INCH THICK FLOOR DUNNAGE AS SPECIFIED, THE USE OF THICKER FLOOR DUNNAGE MAY BE REQUIRED, AND SHOULD BE USED, TO ACHIEVE THE DESIRED OBJECTIVE.
- F. THE MAGAZINE MUST COMPLY WITH ALL REQUIREMENTS AND BE APPROVED FOR THE STORAGE OF CHEMICAL ITEMS. ALSO, MAGAZINES MUST HAVE A 54" MINIMUM WIDTH DOOR OPENING. MAGAZINES WITH DOOR OPENINGS 71'-0" OR MORE IN WIDTH ARE PREFERRED TO PERMIT SIDE HANDLING OF THE PALLET UNITS.
- G. STORED PALLET UNITS MUST NOT CONTACT THE WALLS, COLUMNS, OR BEAMS OF A MAGAZINE. TO PROVIDE FOR THIS MANDATORY CLEARANCE REQUIREMENT, UNITS MAY BE ELIMINATED FROM THE DEPICTED STORAGE PATTERN AS NECESSARY.
- H. IF AVAILABLE MHE PERMITS, ADDITIONAL PALLET UNITS MAY BE STORED WITHIN THE MHE AREA AND/OR OTHER AVAILABLE AREA OF THE MAGAZINE.
- J. THE MAXIMUM FLOOR LOAD FOR A MAGAZINE, AS PRESCRIBED BY LOCAL STANDARDS, WILL NOT BE EXCEEDED.

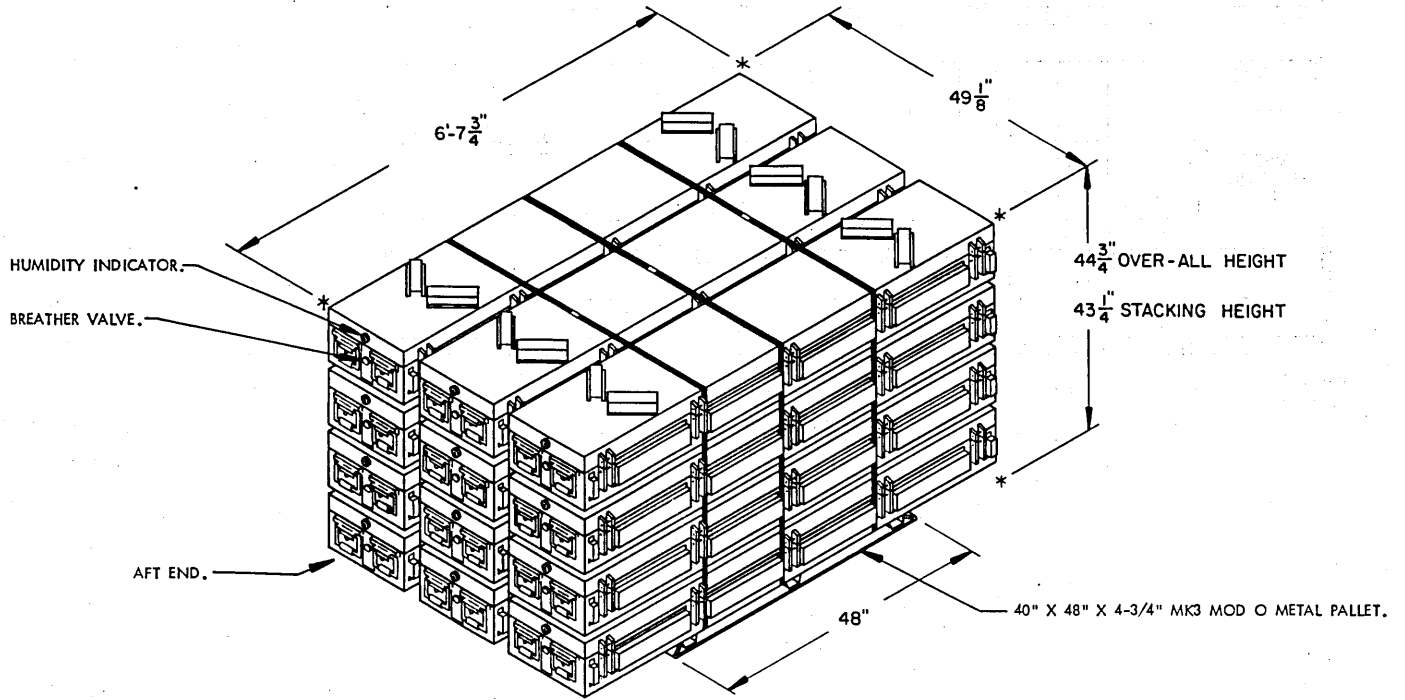
(CONTINUED AT RIGHT)

## MATERIAL SPECIFICATIONS

LUMBER-----: SEE TM 743-200-1, DUNNAGE LUMBER, FED SPEC MM-L-751.

## (GENERAL NOTES CONTINUED)

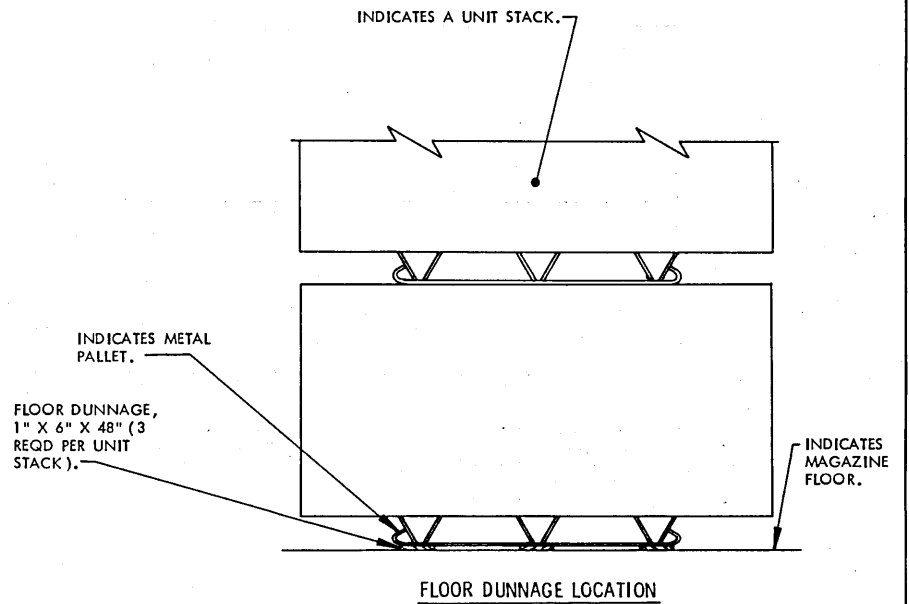
- K. CAUTION: THE ALLOWABLE "EXPLOSIVE LIMIT" ESTABLISHED FOR A MAGAZINE IS NOT TO BE EXCEEDED.
- L. THE STORAGE PROCEDURES DEPICTED HEREIN FOR VARIOUS TYPES AND SIZES OF MAGAZINES MAY ALSO BE UTILIZED TO STORE PALLET UNITS IN OTHER TYPES OF APPROVED MAGAZINES. MINOR ADJUSTMENTS MAY BE MADE TO FACILITATE STORAGE IN OTHER TYPES OF MAGAZINES, HOWEVER, THE BASIC PRINCIPLES AS DEPICTED HEREIN WILL BE COMPLIED WITH.
- M. PORTIONS OF THE MAGAZINES, SUCH AS SIDEWALLS AND ROOFS HAVE NOT BEEN SHOWN IN THE STORAGE VIEWS FOR CLARITY PURPOSES.
- N. DUNNAGE LUMBER SPECIFIED THROUGHOUT THIS PROCEDURAL DRAWING IS OF NOMINAL SIZE. FOR EXAMPLE, 1" X 6" MATERIAL IS ACTUALLY 3/4" THICK BY 5-1/2" WIDE.
- O. IF THE QUANTITY OF PALLET UNITS FOR A MAGAZINE IS TO BE REDUCED FROM WHAT IS SHOWN HEREIN - DUE TO THE PERMITTED "EXPLOSIVE LIMIT", OR FOR ANY OTHER REASON, SUCH AS A LIMITED QUANTITY TO BE STORED - THE DELINEATED PROCEDURES ARE TO BE ADJUSTED BY OMITTING STACKS RATHER THAN BY OMITTING LAYERS.
- P. OTHER COMPATIBLE ITEMS MAY BE STORED IN A MAGAZINE WHICH IS PARTIALLY FILLED WITH THE DESIGNATED ITEM.
- Q. STORAGE OF MULTIPLE LOTS IN A MAGAZINE WILL REQUIRE CAREFUL PRE-PLANNING SO AS TO INSURE MHE ACCESSIBILITY TO ANY LOT IN ACCORDANCE WITH REQUIREMENTS SET FORTH IN THE APPLICABLE "SPECIAL NOTES" SECTION OF THE MULTIPLE-LOT STORAGE PROCEDURES TYPICALLY SHOWN ON PAGE 28.
- R. CONVERSION TO METRIC EQUIVALENTS: DIMENSIONS WITHIN THIS DOCUMENT ARE EXPRESSED IN INCHES, AND WEIGHTS ARE EXPRESSED IN POUNDS. WHEN NECESSARY, THE METRIC EQUIVALENTS MAY BE COMPUTED ON THE BASIS OF ONE INCH EQUALS 25.4MM, AND ONE POUND EQUALS 0.454 KG.



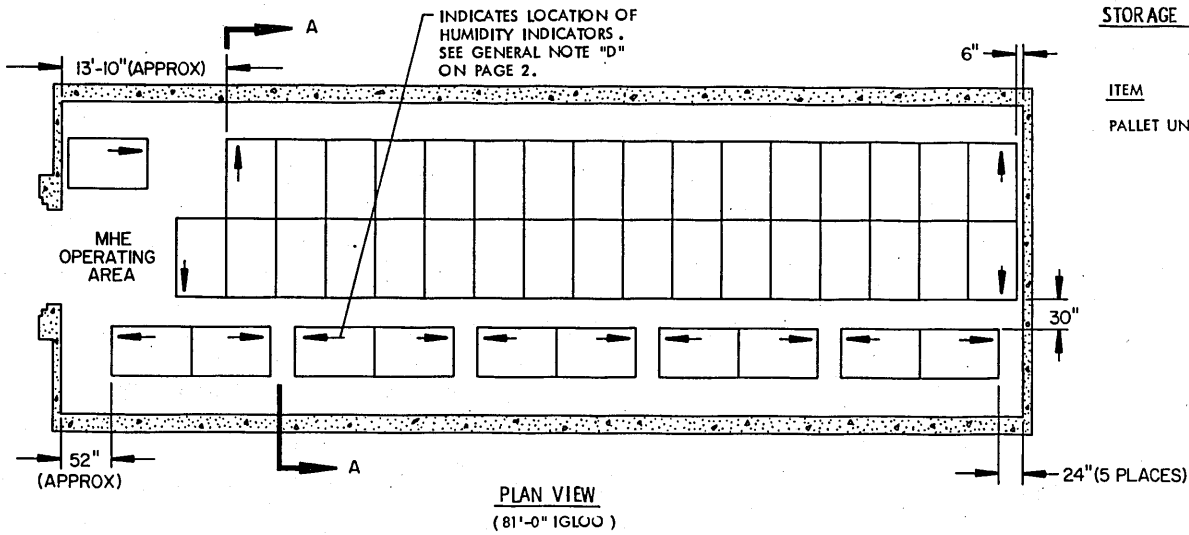
PALLET UNIT

GROSS WEIGHT ----- 2028 LBS ( APPROX )  
CUBE ----- 101.5 CUBIC FEET ( APPROX )

REF: MIL-STD-1323-305 ( NAVY )

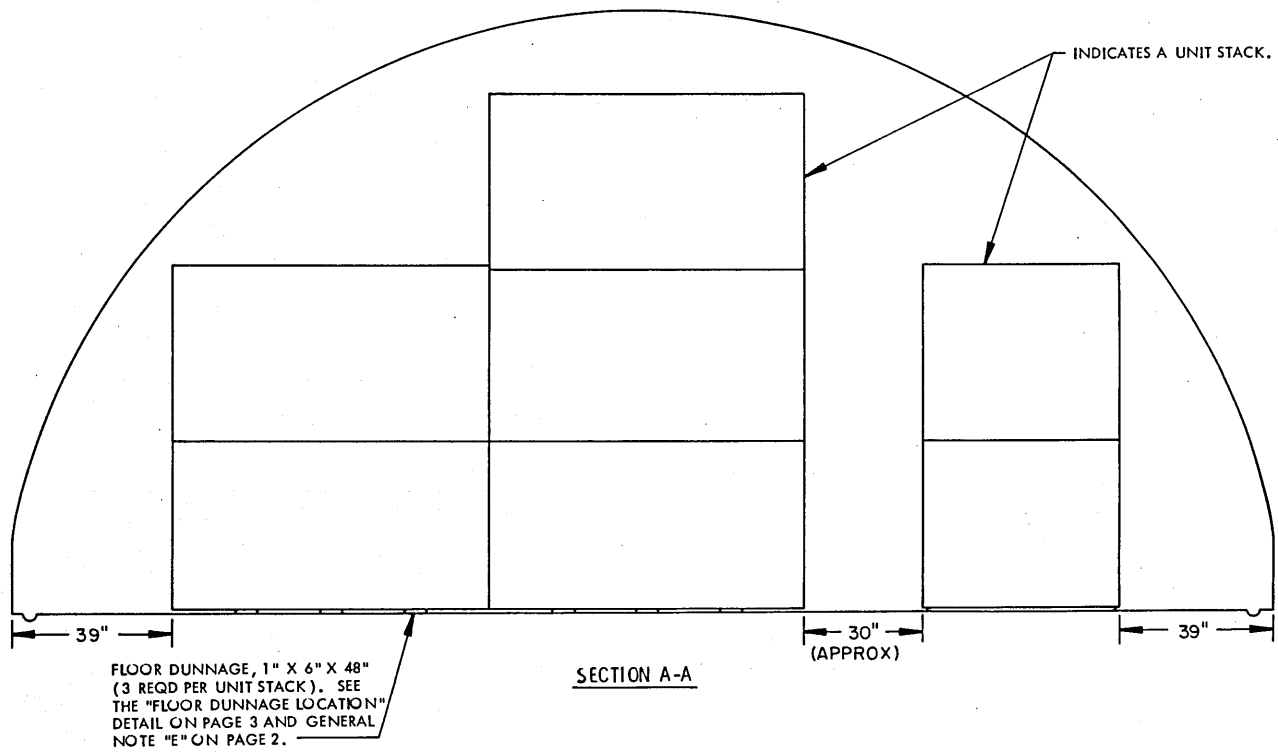


UNIT DETAILS



**STORAGE IN 81'-0" IGLOO**  
(12'-9" HIGH)

ITEM	QUANTITY
PALLET UNITS	105



**STORAGE IN 60'-8" IGLOO**

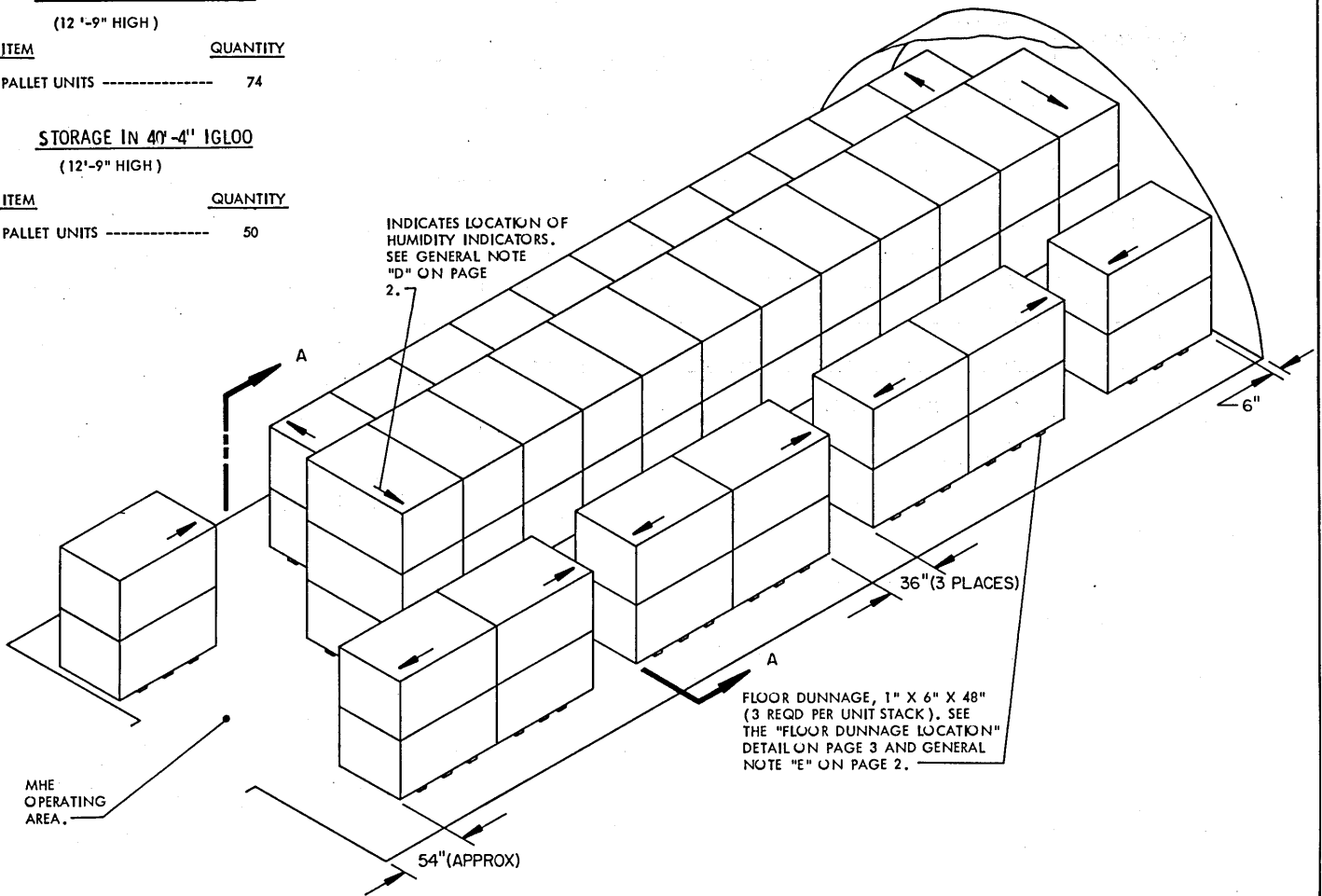
(12'-9" HIGH)

ITEM	QUANTITY
PALLET UNITS -----	74

**STORAGE IN 40'-4" IGLOO**

(12'-9" HIGH)

ITEM	QUANTITY
PALLET UNITS -----	50

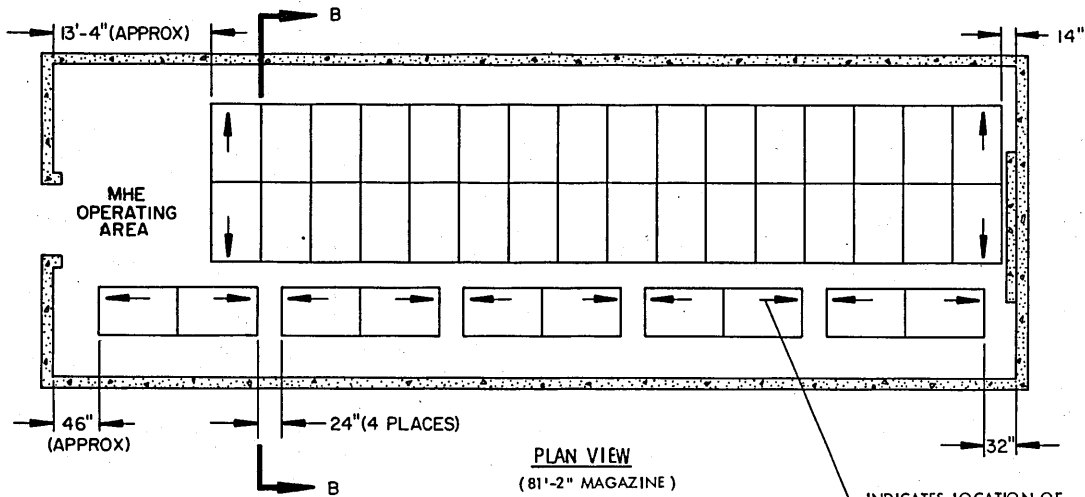


**ISOMETRIC VIEW**

(60'-8" IGLOO)

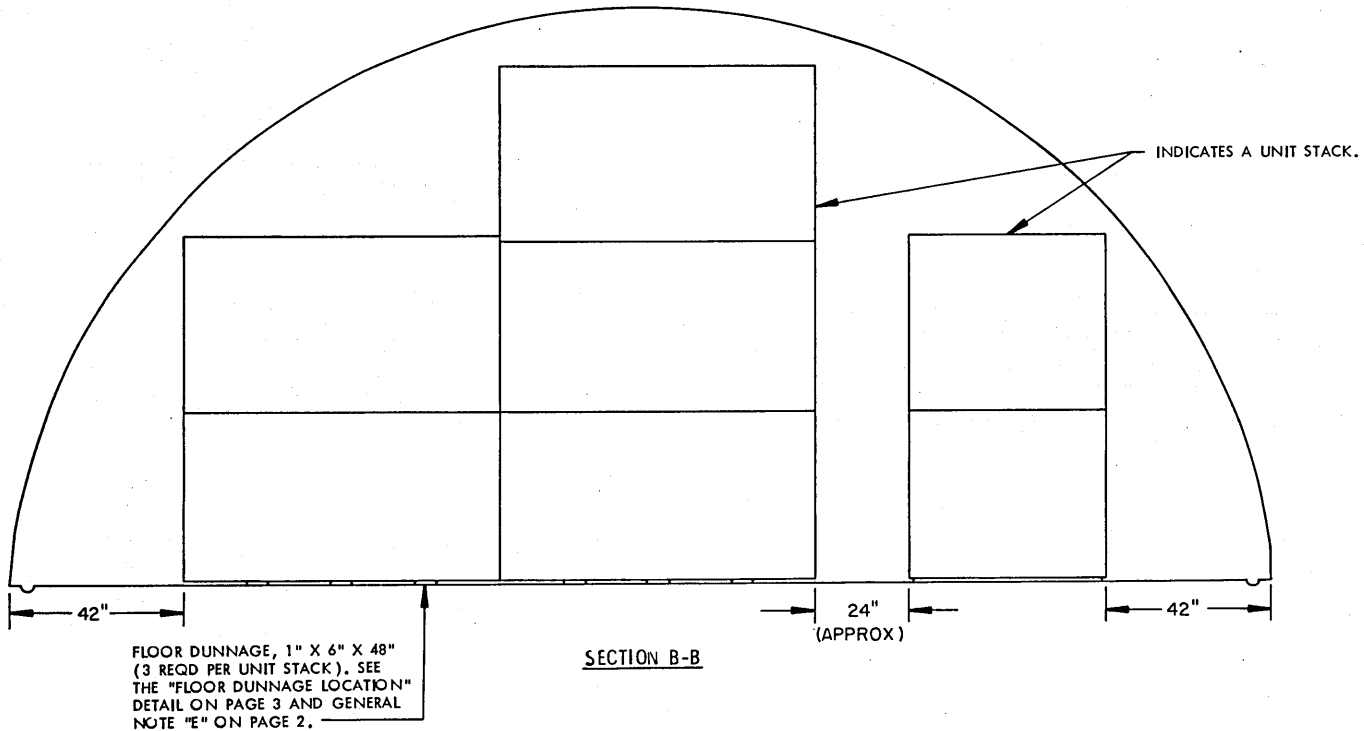
FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

BILL OF MATERIAL ( PER UNIT STACK )		
LUMBER	LINEAR FEET	BOARD FEET
1" X 6" X 48"	12	6



**PLAN VIEW**  
(81'-2" MAGAZINE)

INDICATES LOCATION OF HUMIDITY INDICATORS. SEE GENERAL NOTE "D" ON PAGE 2.

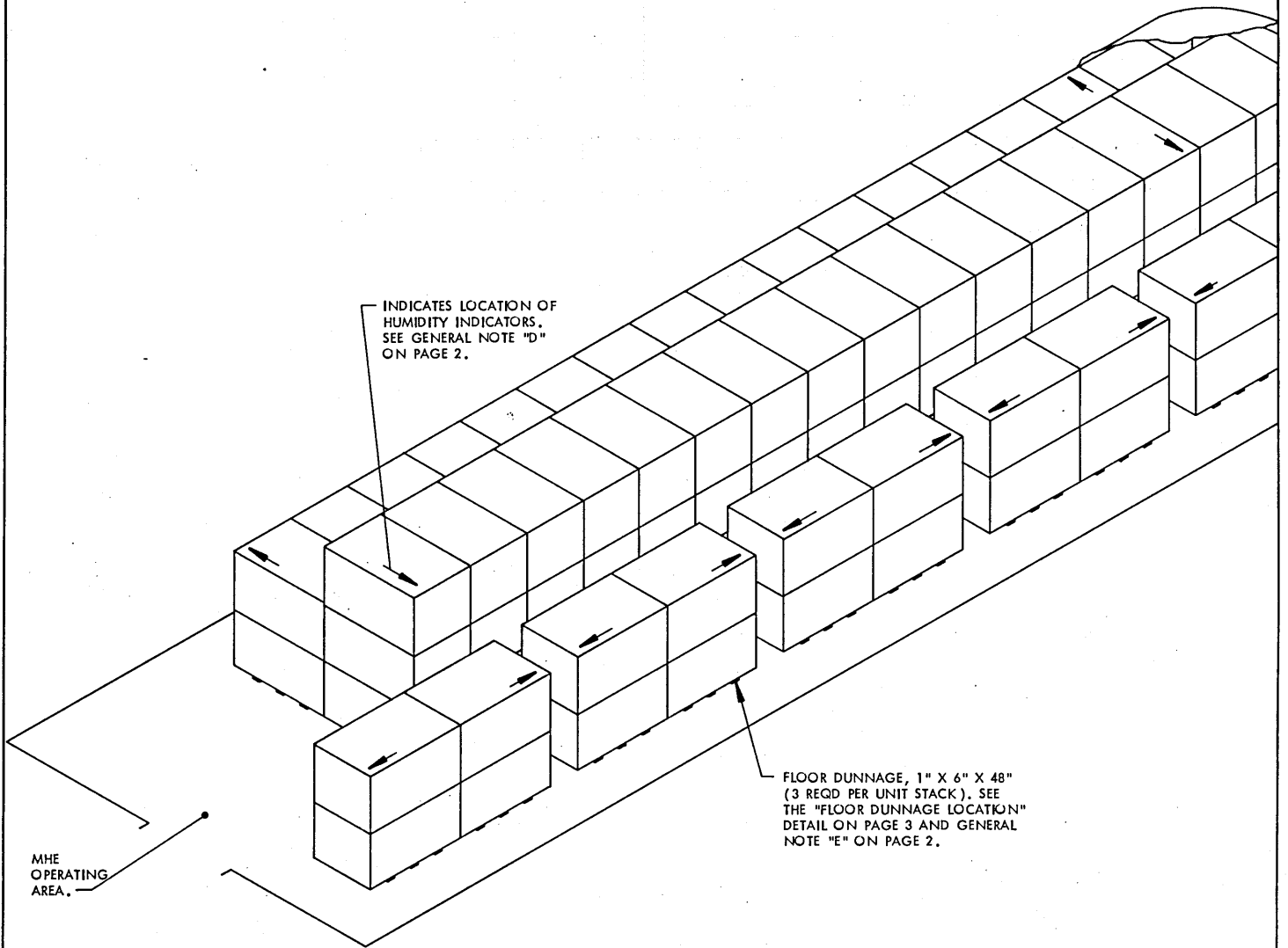


**SECTION B-B**

FLOOR DUNNAGE, 1" X 6" X 48"  
(3 REQD PER UNIT STACK). SEE  
THE "FLOOR DUNNAGE LOCATION"  
DETAIL ON PAGE 3 AND GENERAL  
NOTE "E" ON PAGE 2.

**STORAGE IN 81'-2" MAGAZINE**  
(12'-1-3/4" HIGH)

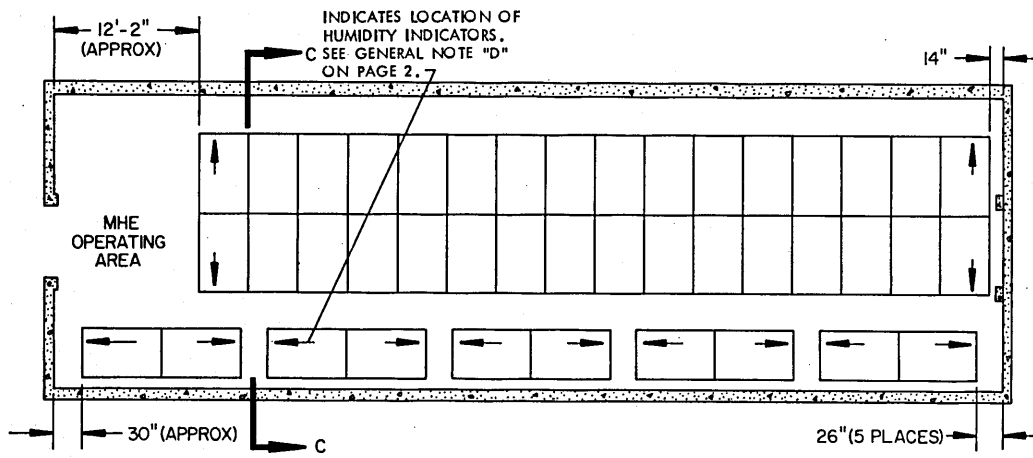
ITEM	QUANTITY
PALLET UNITS -----	100



**ISOMETRIC VIEW**  
(81'-2" MAGAZINE)

FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

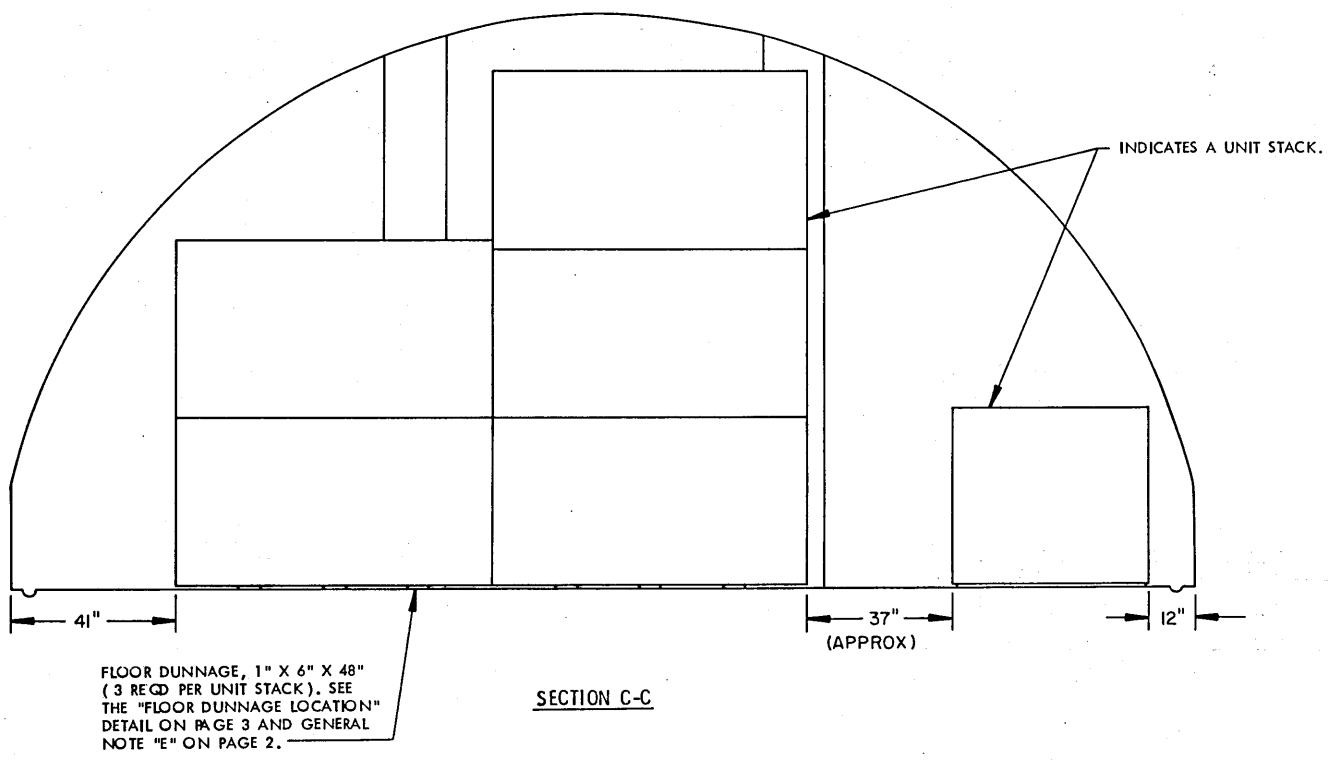
BILL OF MATERIAL (PER UNIT STACK)		
LUMBER	LINEAR FEET	BOARD FEET
1" X 6" X 48"	12	6



**STORAGE IN 80'-0" MAGAZINE**  
(12'-1-3/4" HIGH)

ITEM	QUANTITY
PALLET UNITS -----	90

**PLAN VIEW**  
(80'-0" MAGAZINE)



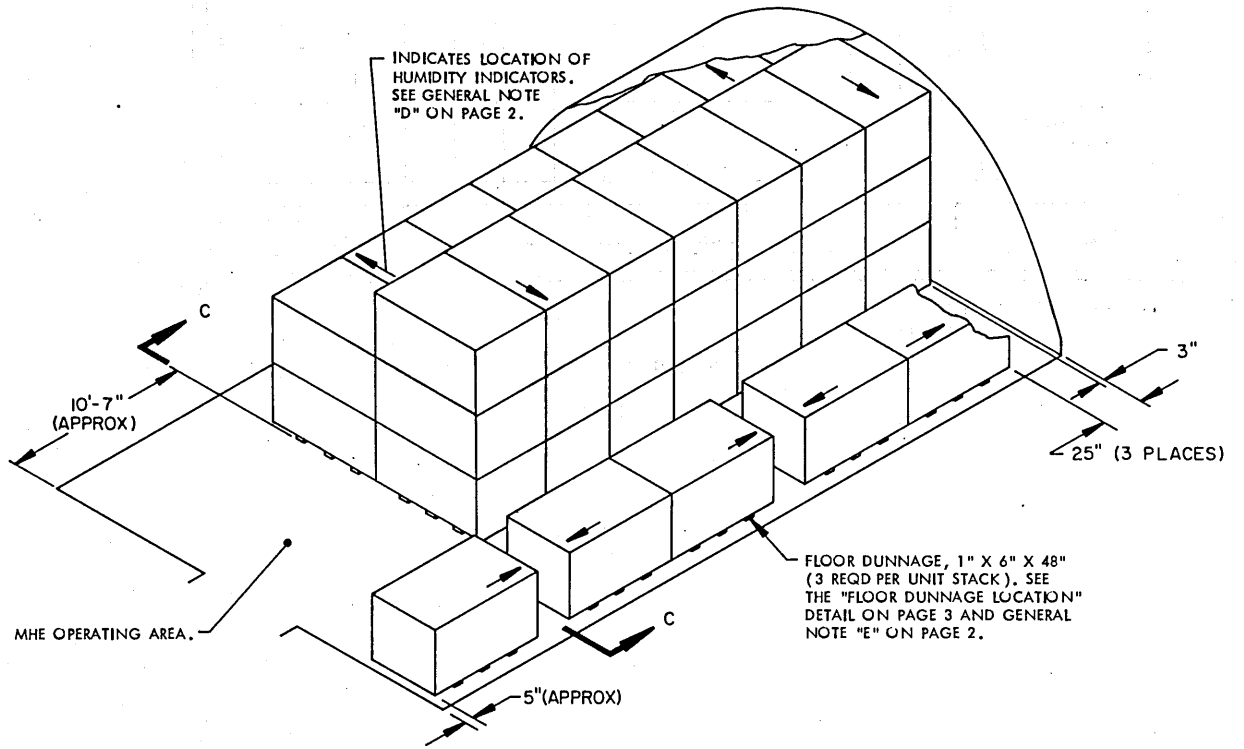
**SECTION C-C**



**STORAGE IN 40'-0" MAGAZINE**

(12'-1-3/4" HIGH)

ITEM	QUANTITY
PALLET UNITS -----	40



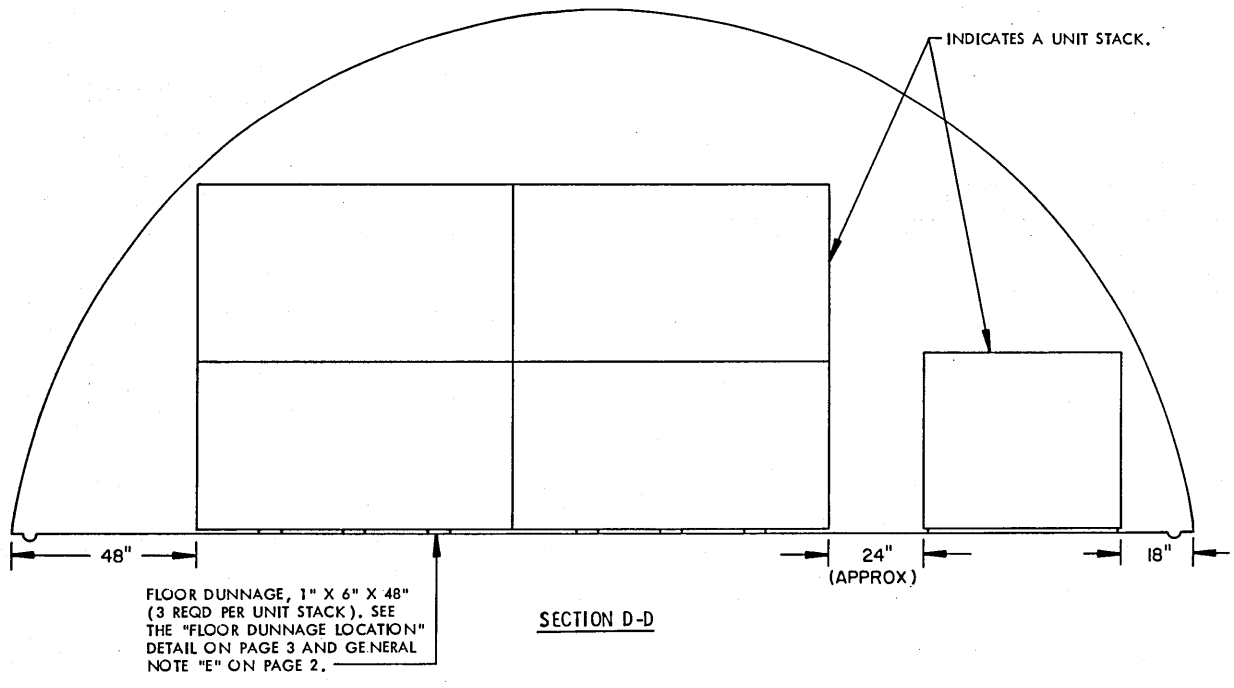
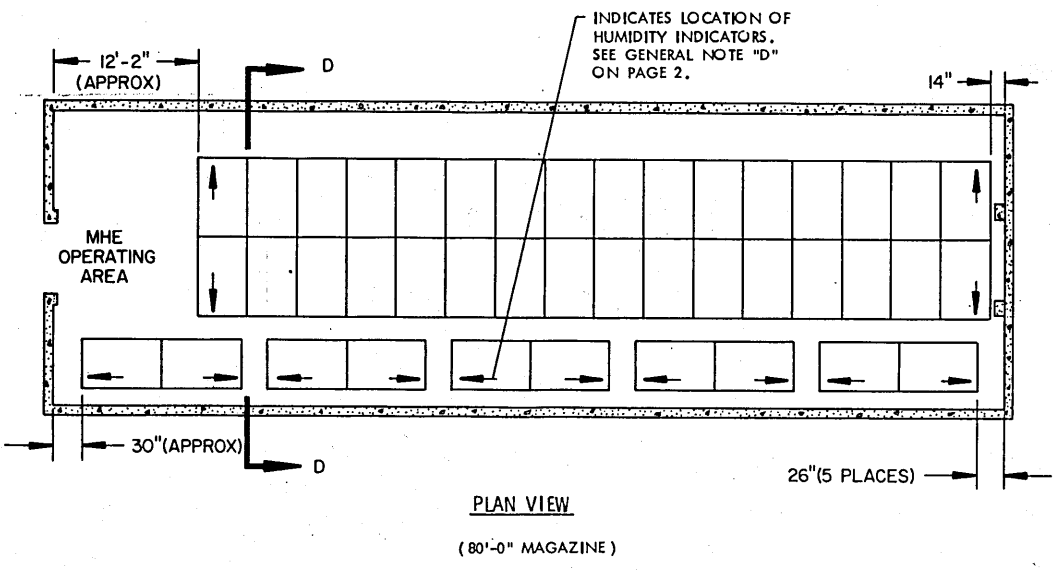
**ISOMETRIC VIEW**  
(40'-0" MAGAZINE)

FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

BILL OF MATERIAL ( PER UNIT STACK )		
LUMBER	LINEAR FEET	BOARD FEET
1" X 6" X 48"	12	6

**STORAGE IN 80'-0" MAGAZINE**  
( 71'-0" HIGH )

ITEM	QUANTITY
PALLET UNITS -----	74

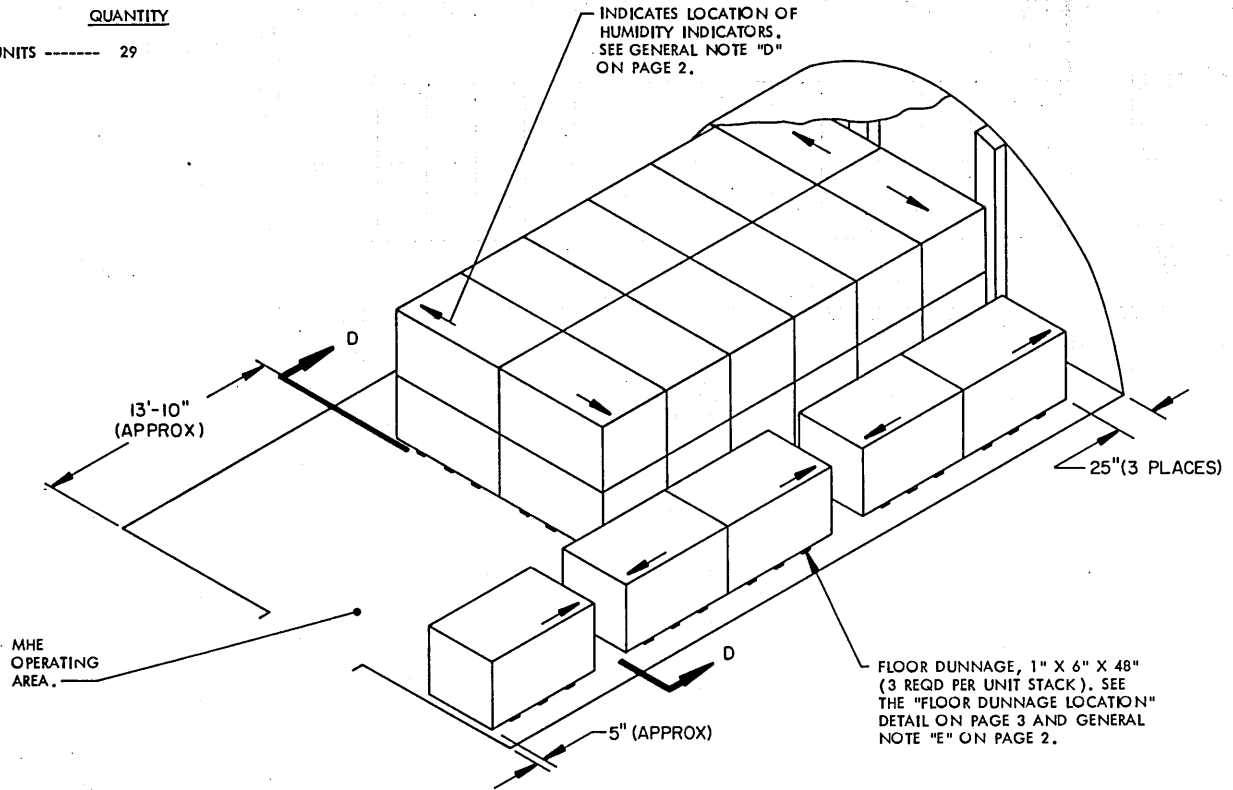


**STORAGE IN 40'-0" MAGAZINE**

(11'-0" HIGH)

**ITEM**                      **QUANTITY**

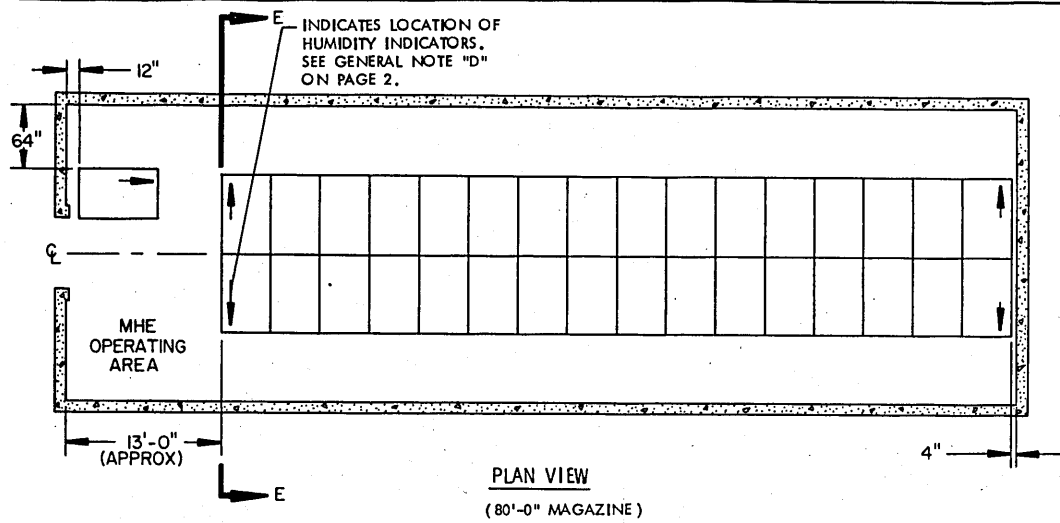
PALLET UNITS ----- 29



**ISOMETRIC VIEW**  
( 40'-0" MAGAZINE )

FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

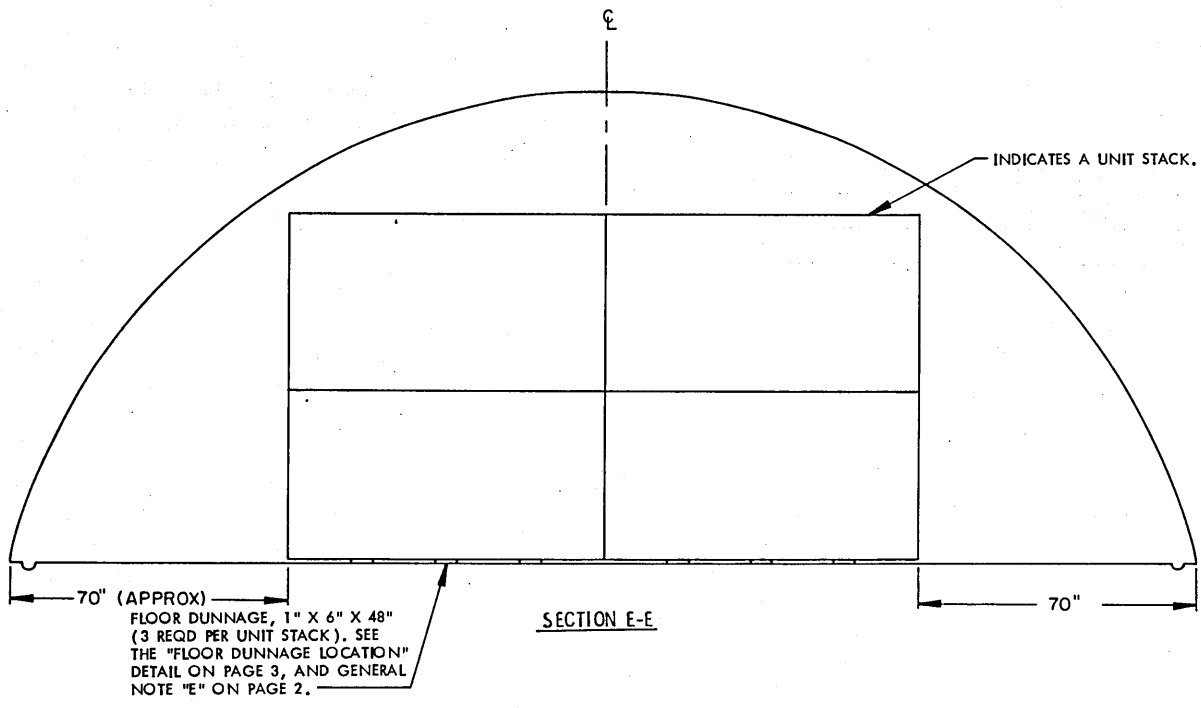
BILL OF MATERIAL ( PER UNIT STACK )		
LUMBER	LINEAR FEET	BOARD FEET
1" X 6" X 48"	12	6



STORAGE IN 80'-0" MAGAZINE

(10'-0" HIGH)

ITEM	QUANTITY
PALLET UNITS	66

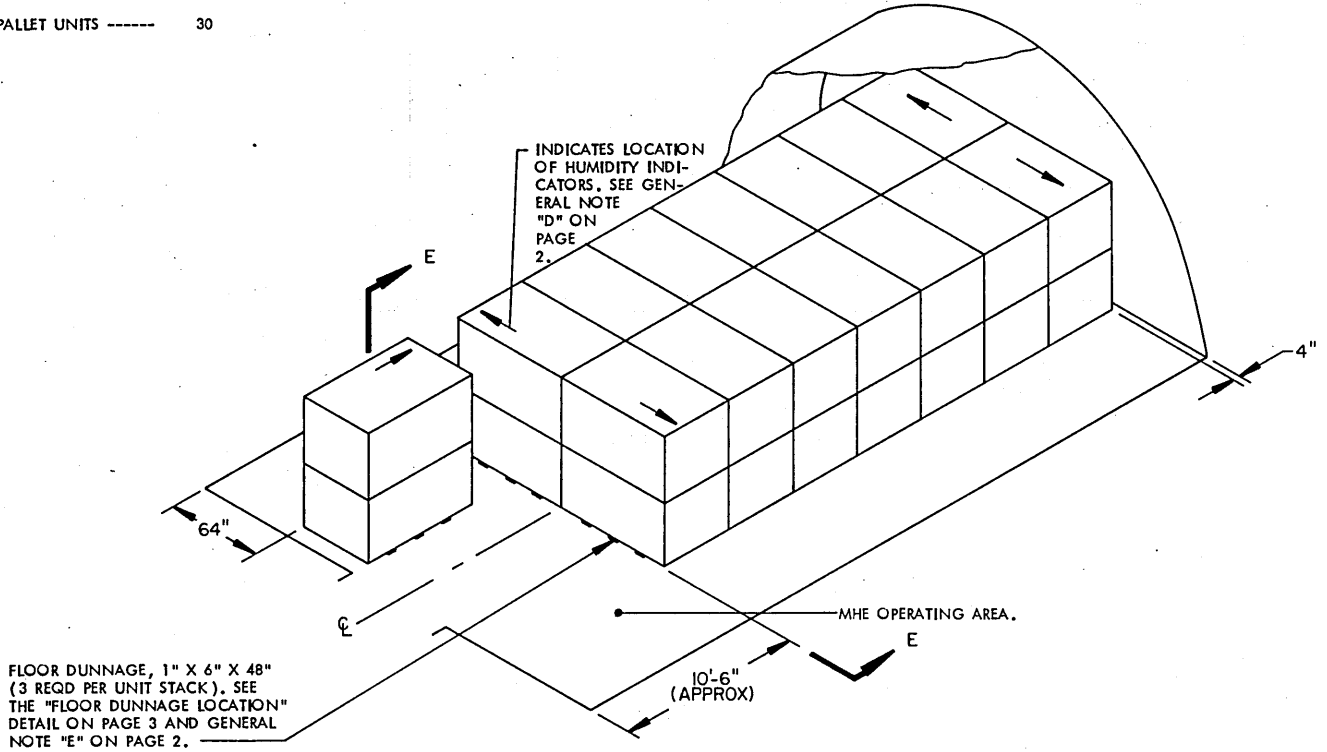


STORAGE IN 40'-0" MAGAZINE

(10'-0" HIGH)

ITEM                      QUANTITY

PALLET UNITS -----      30

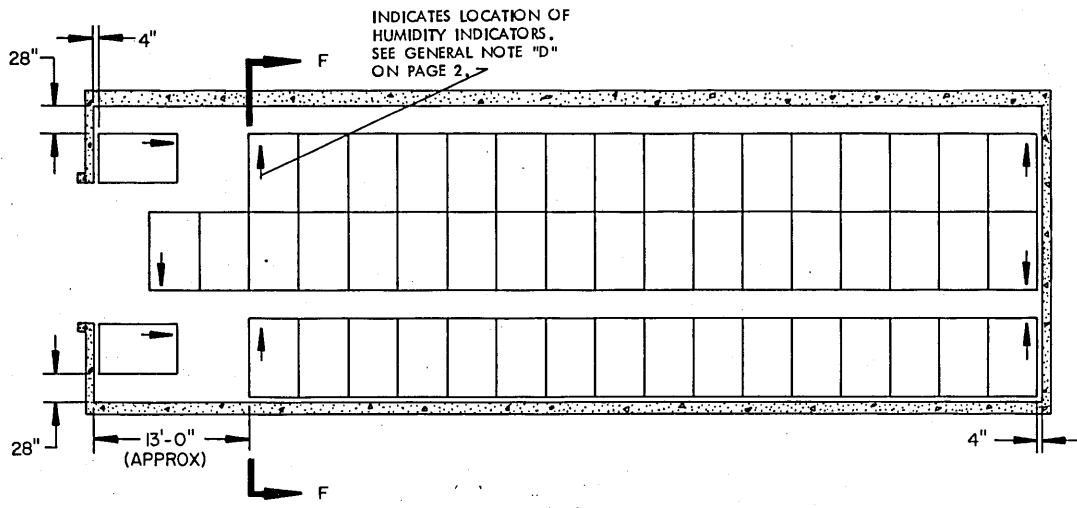


ISOMETRIC VIEW  
(40'-0" MAGAZINE)

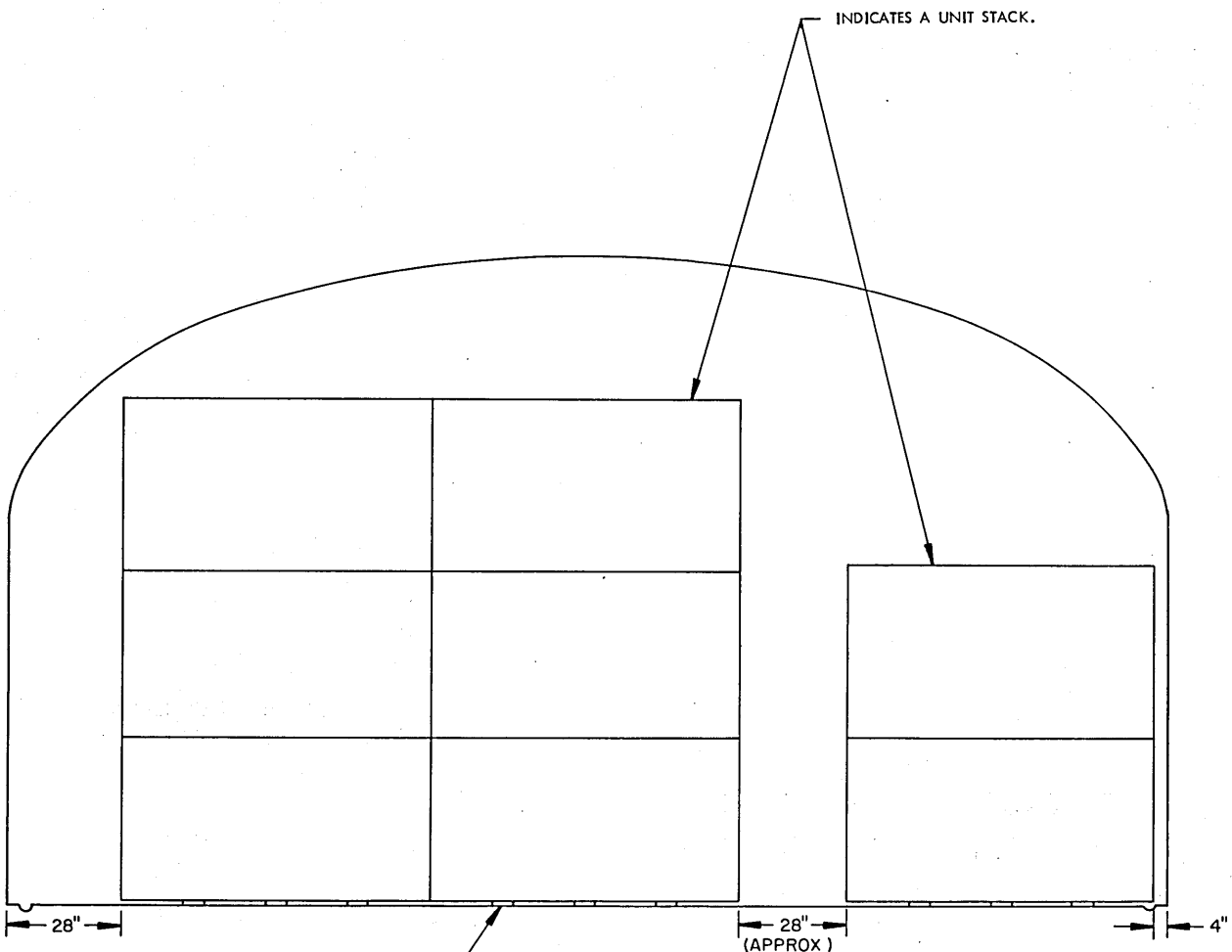
FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2

BILL OF MATERIAL (PER UNIT STACK)

LUMBER	LINEAR FEET	BOARD FEET
1" X 6" X 48"	12	6



PLAN VIEW  
(80'-0" STRADLEY MAGAZINE)



FLOOR DUNNAGE, 1" X 6" X 48" (3 REQD PER UNIT STACK). SEE THE "FLOOR DUNNAGE LOCATION" DETAIL ON PAGE 3 AND GENERAL NOTE "E" ON PAGE 2

SECTION F-F

STORAGE IN 80'-0" STRADLEY MAGAZINE

(14'-0" HIGH)

ITEM                      QUANTITY

PALLET UNITS ----- 139

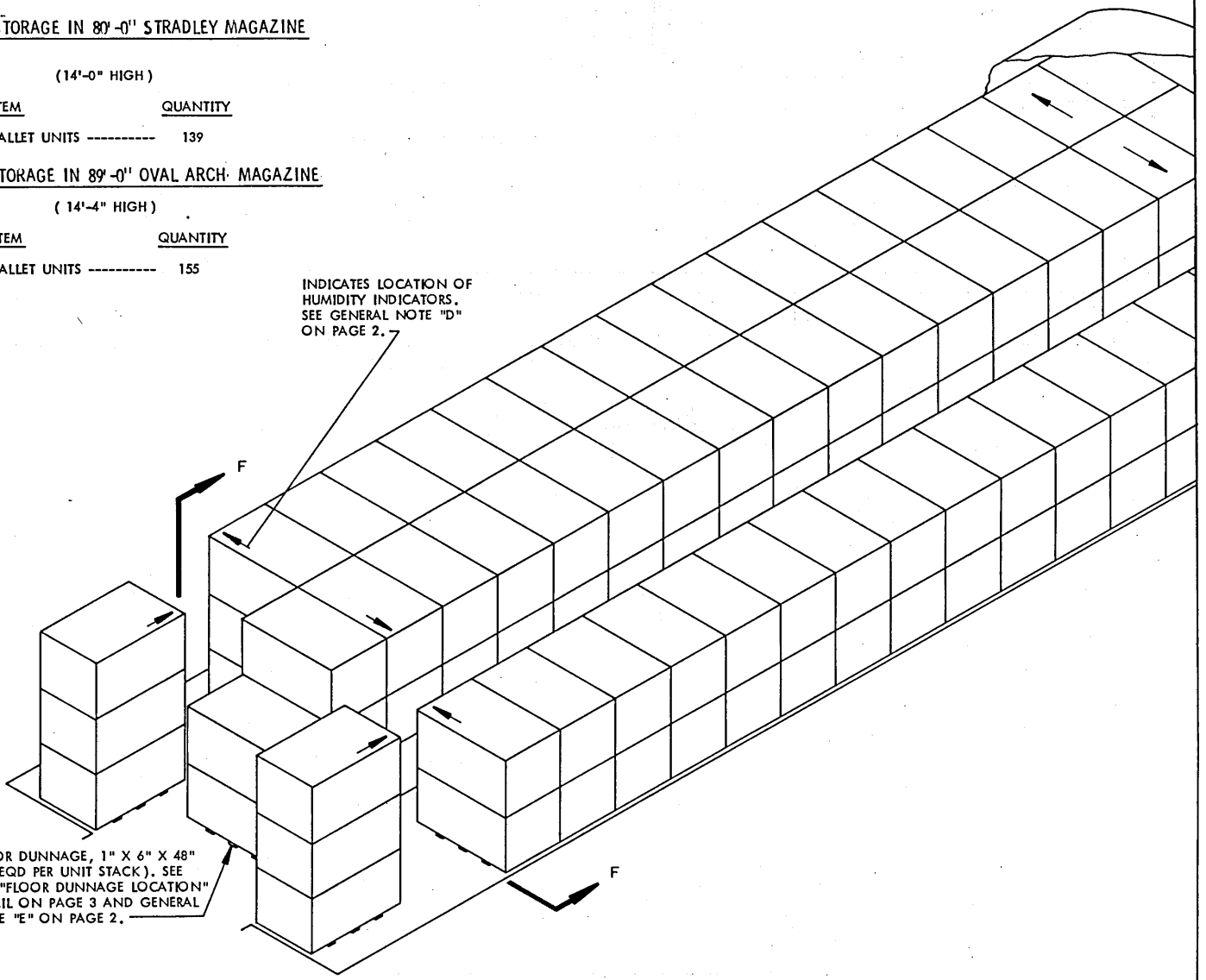
STORAGE IN 89'-0" OVAL ARCH. MAGAZINE

(14'-4" HIGH)

ITEM                      QUANTITY

PALLET UNITS ----- 155

INDICATES LOCATION OF  
HUMIDITY INDICATORS,  
SEE GENERAL NOTE "D"  
ON PAGE 2.



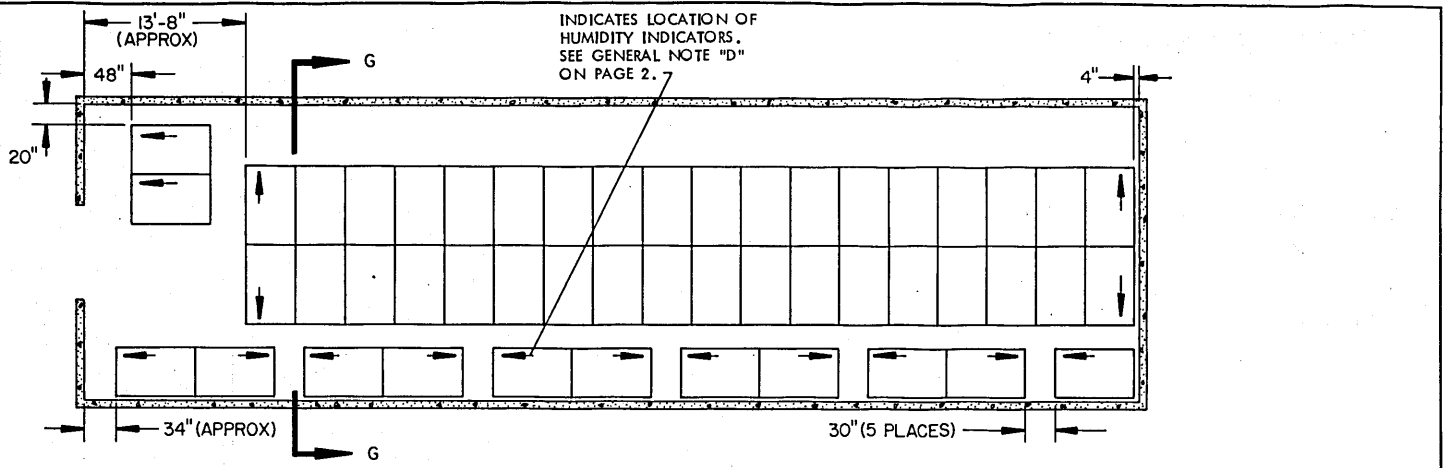
FLOOR DUNNAGE, 1" X 6" X 48"  
(3 REQD PER UNIT STACK). SEE  
THE "FLOOR DUNNAGE LOCATION"  
DETAIL ON PAGE 3 AND GENERAL  
NOTE "E" ON PAGE 2.

ISOMETRIC VIEW

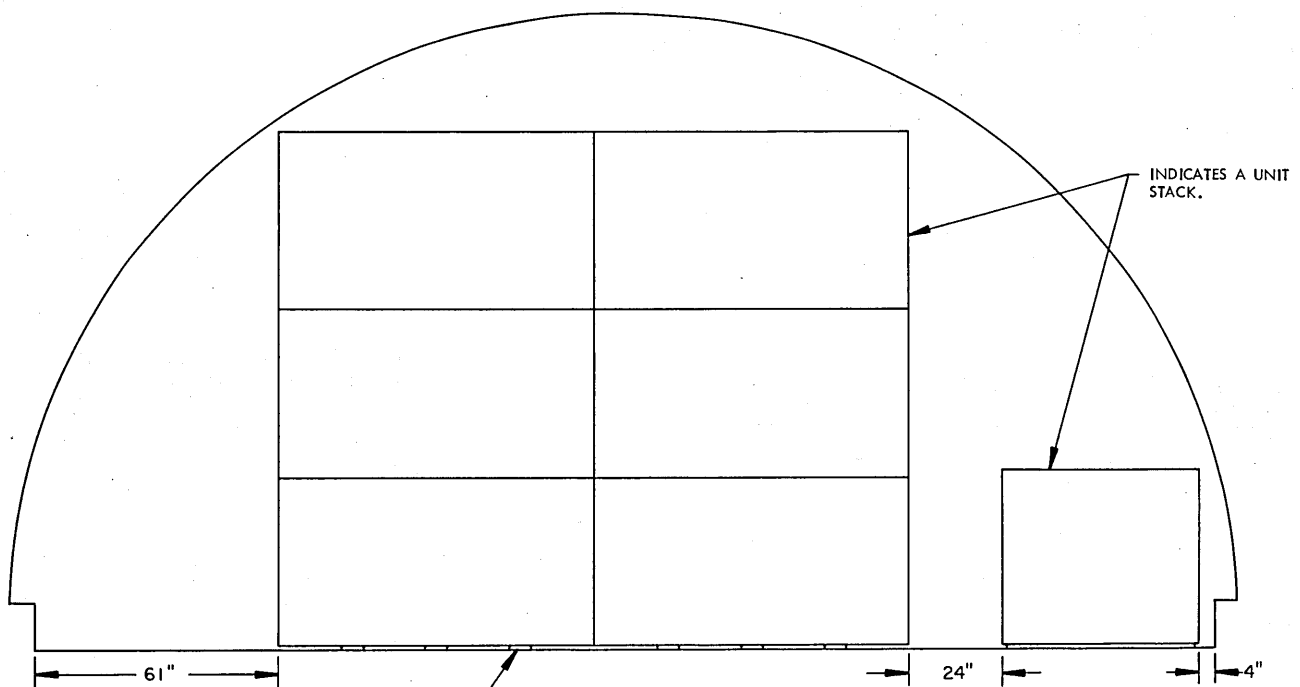
(80'-0" STRADLEY MAGAZINE)

BILL OF MATERIAL (PER UNIT STACK)		
LUMBER	LINEAR FEET	BOARD FEET
1" X 6" X 48"	12	6

FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.



**PLAN VIEW**  
(89'-0" STEEL ARCH MAGAZINE)



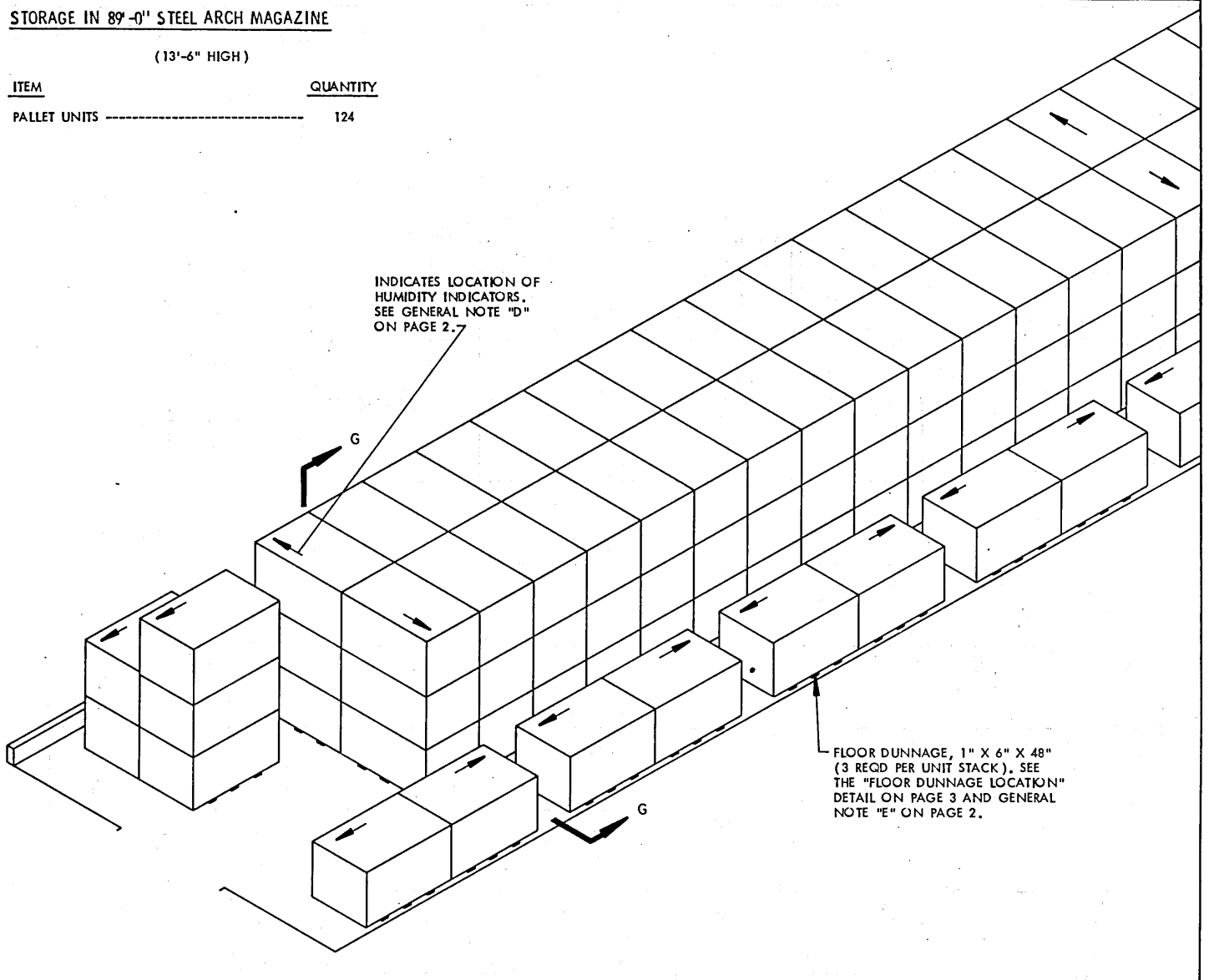
FLOOR DUNNAGE, 1" X 6" X 48" (3 REQD PER UNIT STACK). SEE THE "FLOOR DUNNAGE LOCATION" DETAIL ON PAGE 3 AND GENERAL NOTE "E" ON PAGE 2.



**STORAGE IN 89'-0" STEEL ARCH MAGAZINE**

(13'-6" HIGH)

ITEM	QUANTITY
PALLET UNITS -----	124



**ISOMETRIC VIEW**  
(89'-0" STEEL ARCH MAGAZINE)

FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

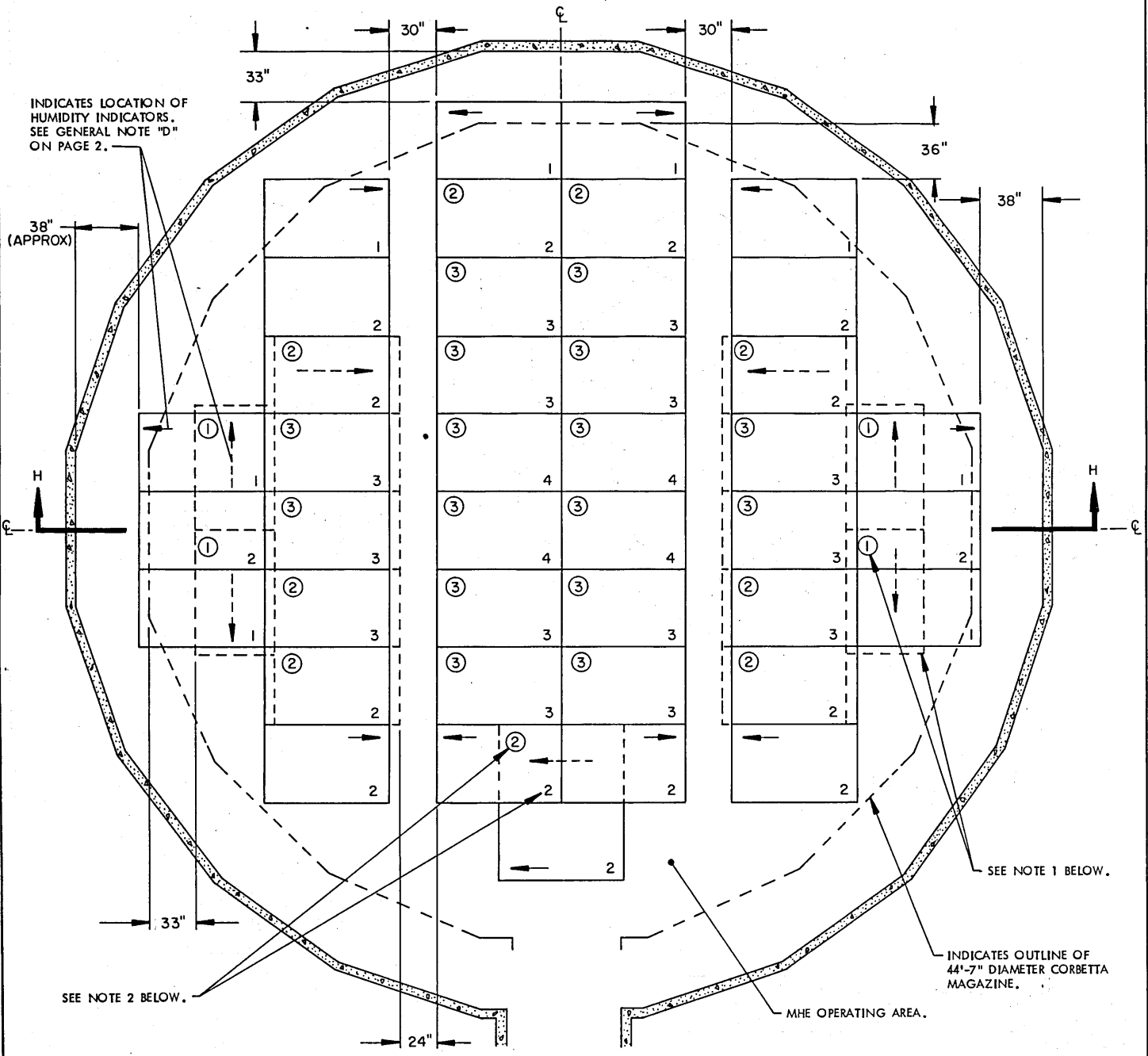
BILL OF MATERIAL ( PER UNIT STACK )		
LUMBER	LINEAR FEET	BOARD FEET
1" X 6" X 48"	12	6

STORAGE IN 52'-0" DIAMETER MAGAZINE

ITEM	QUANTITY
PALLET UNITS -----	96

STORAGE IN 44'-7" DIAMETER MAGAZINE

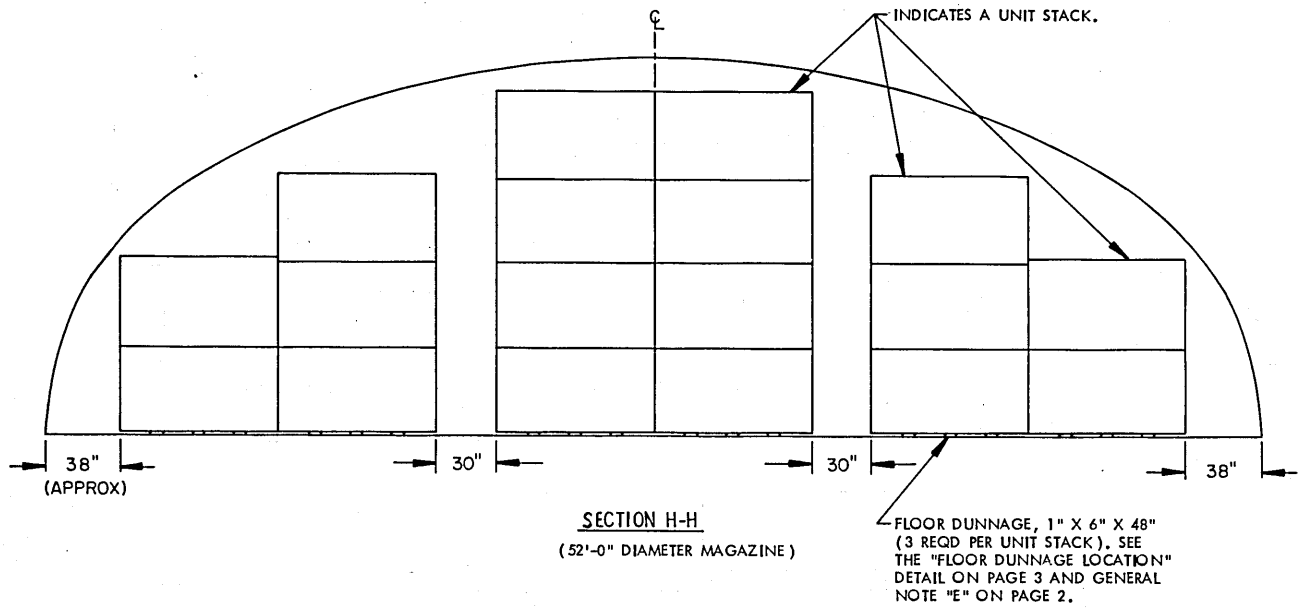
ITEM	QUANTITY
PALLET UNITS -----	70



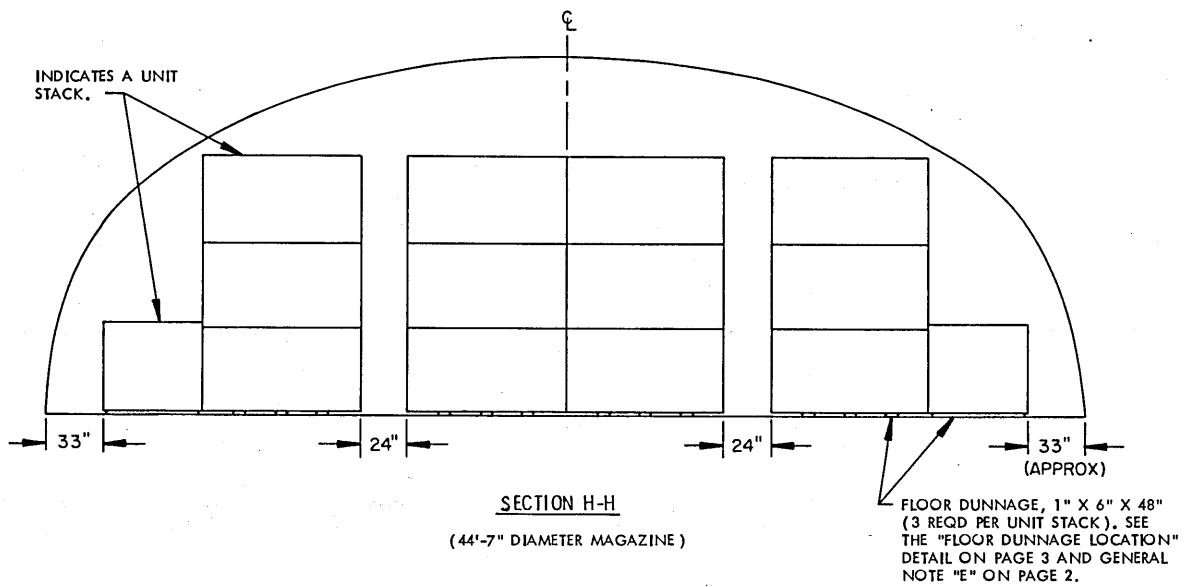
PLAN VIEW

NOTES:

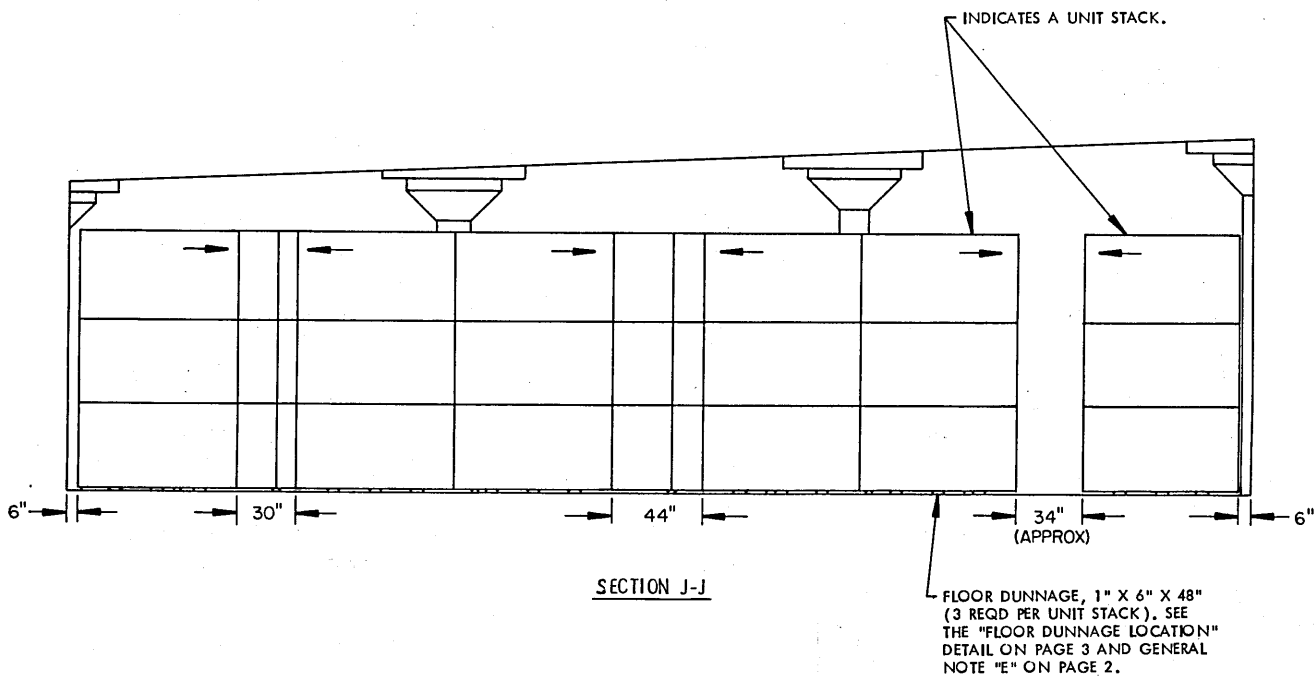
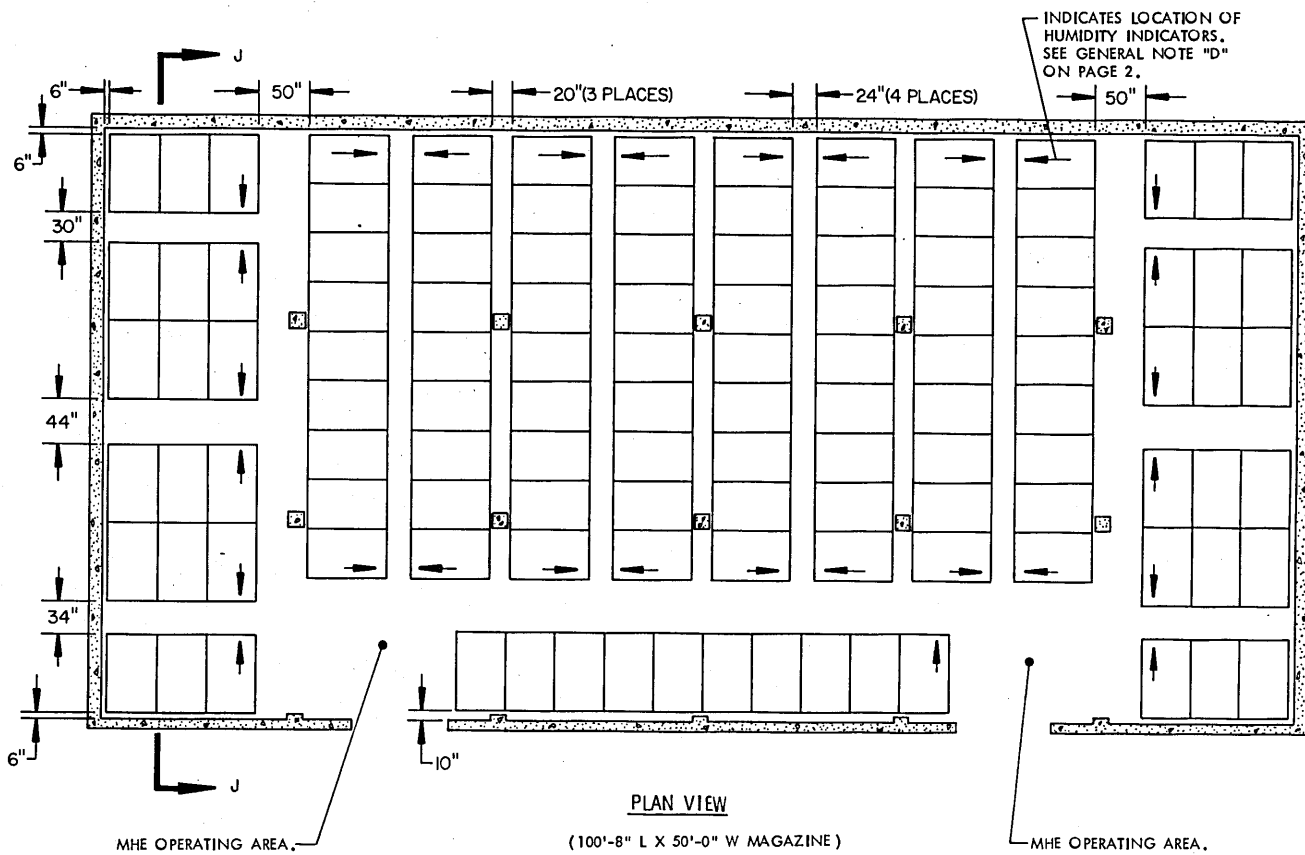
1. DOTTED LINES AND CIRCLED NUMBERS INDICATE STORAGE IN A 44'-7" DIAMETER CORBETTA MAGAZINE.
2. NUMBERS INDICATE THE LAYERS HIGH THAT PALLET UNITS ARE STACKED IN A MAGAZINE.



FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS," SEE PAGE 2.

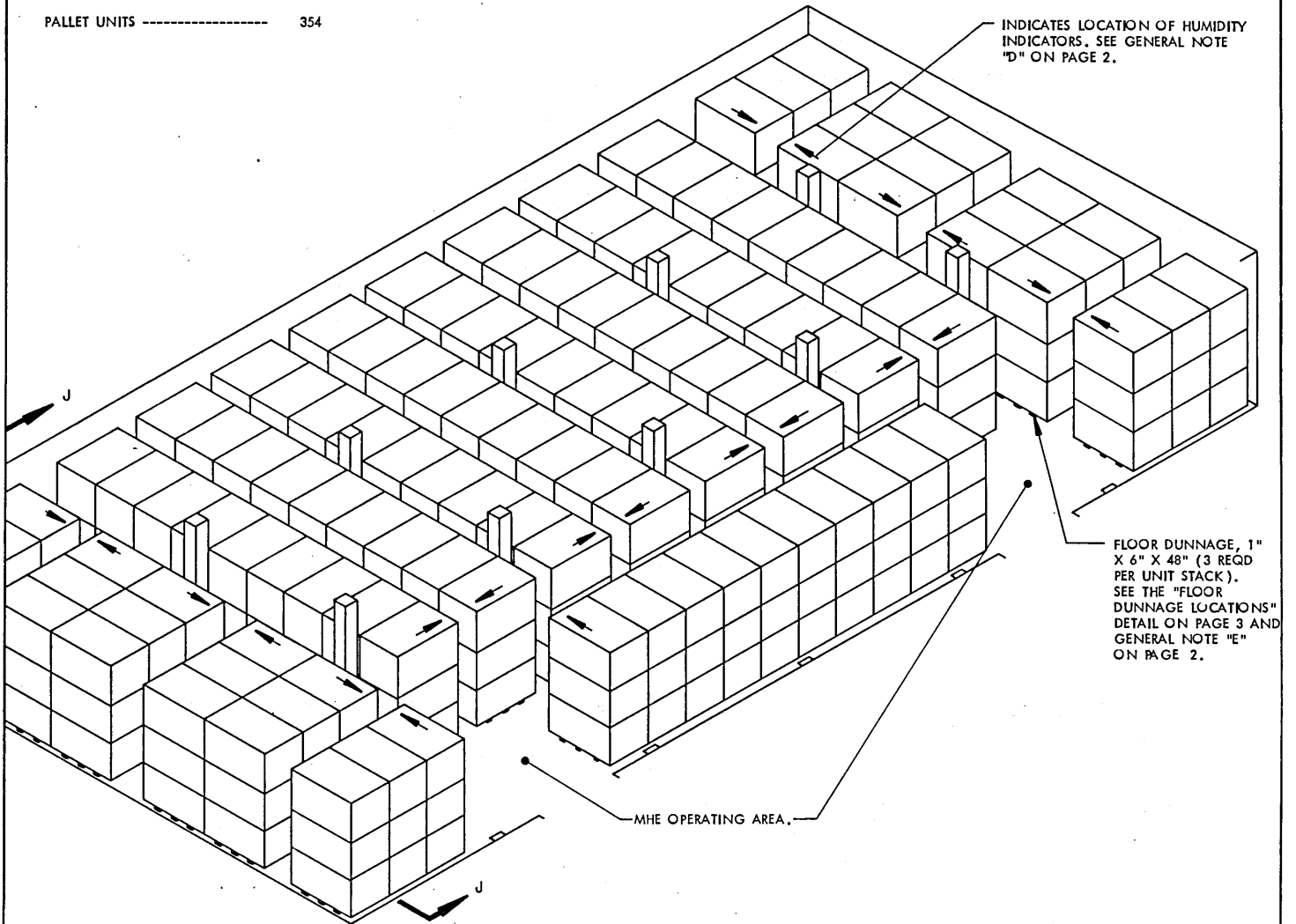


BILL OF MATERIAL ( PER UNIT STACK )		
LUMBER	LINEAR FEET	BOARD FEET
1" X 6" X 48"	12	6



STORAGE IN 100'-8" RECTANGULAR MAGAZINE

<u>ITEM</u>	<u>QUANTITY</u>
PALLET UNITS -----	354

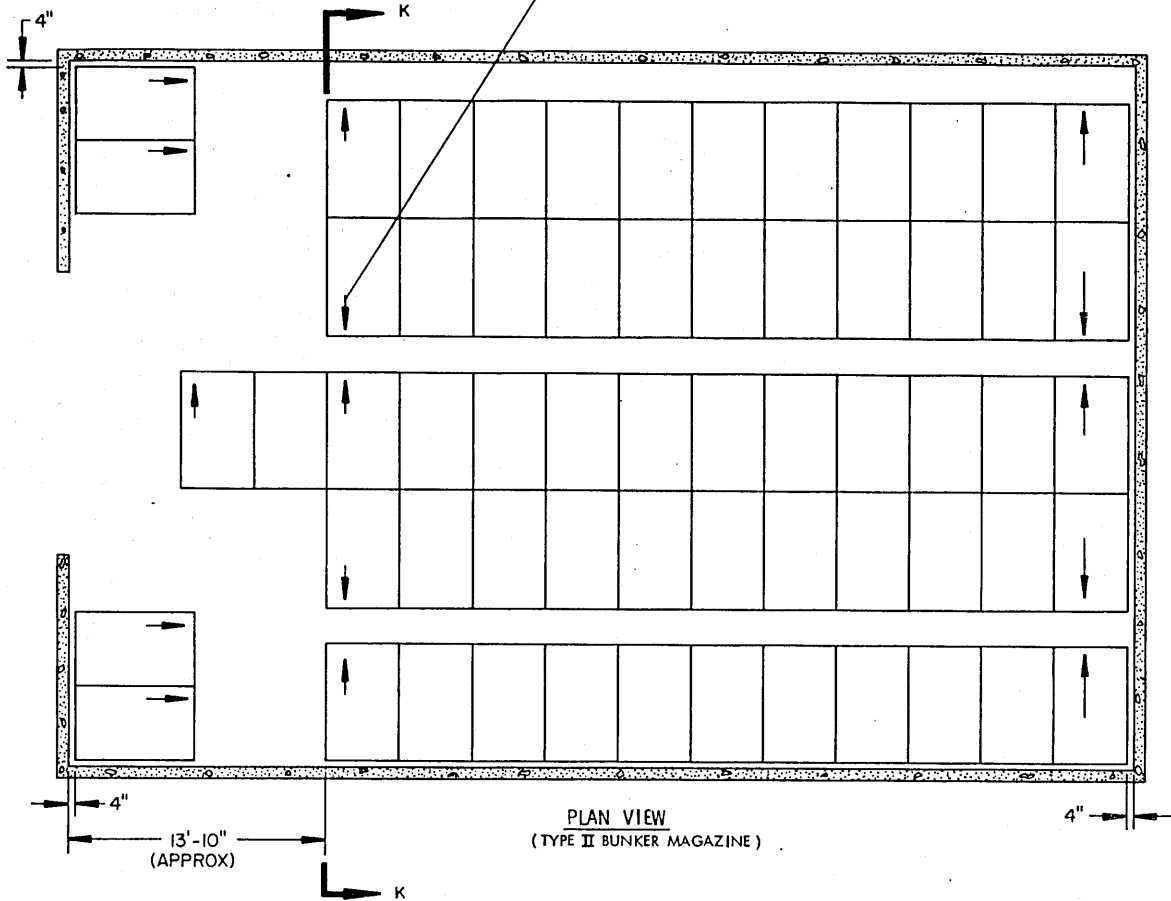


ISOMETRIC VIEW  
(100'-8" L X 50'-0" W MAGAZINE)

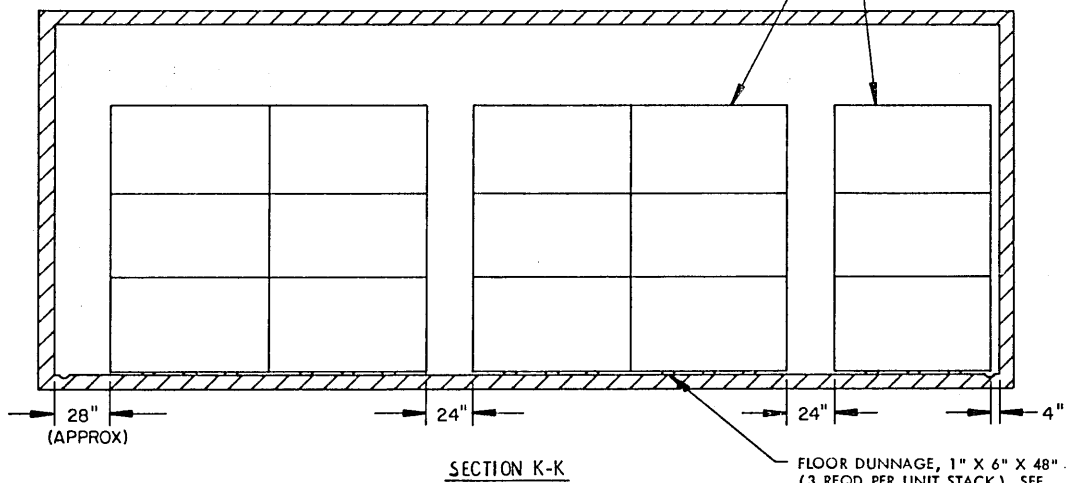
<u>BILL OF MATERIAL (PER UNIT STACK)</u>		
<u>LUMBER</u>	<u>LINEAR FEET</u>	<u>BOARD FEET</u>
1" X 6" X 48"	12	6

FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS," SEE PAGE 2.

INDICATES LOCATION OF HUMIDITY INDICATORS. SEE GENERAL NOTE "D" ON PAGE 2.



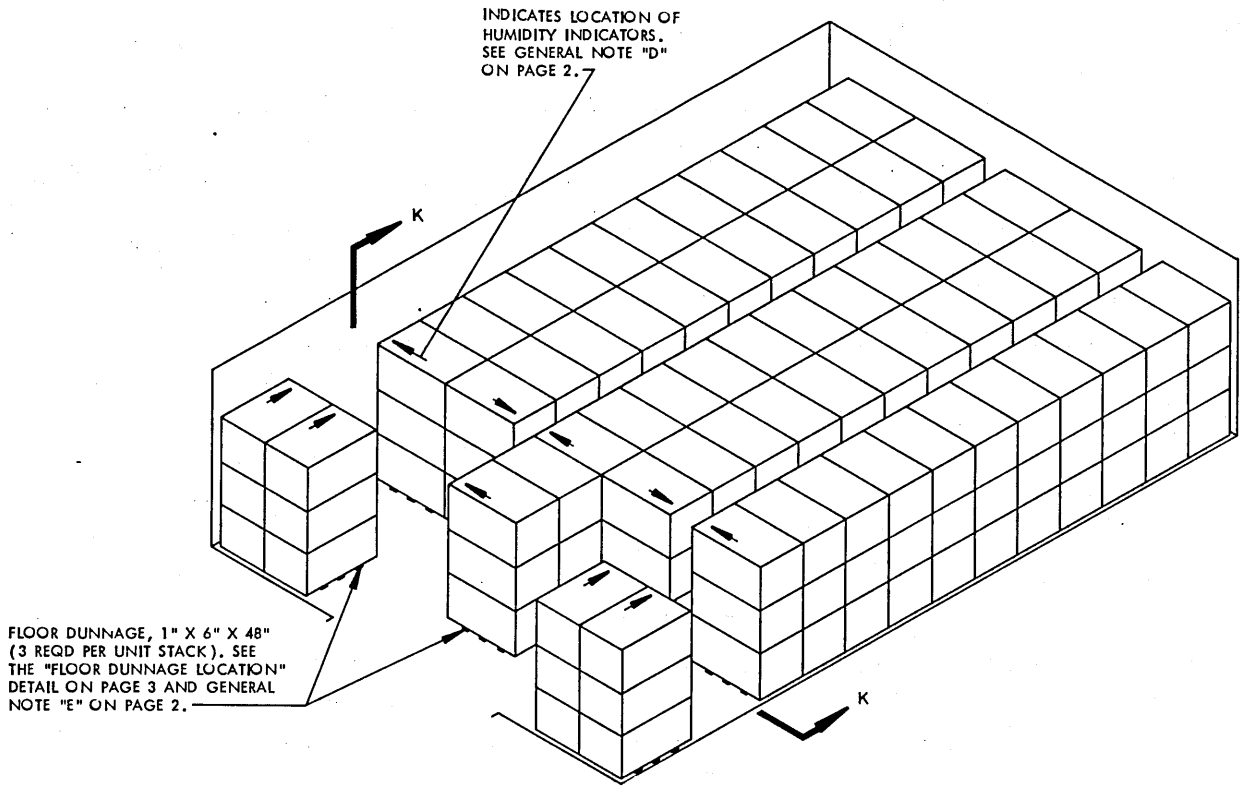
INDICATES A UNIT STACK.



FLOOR DUNNAGE, 1" X 6" X 48"  
(3 REQD PER UNIT STACK). SEE THE "FLOOR DUNNAGE LOCATIONS" DETAIL ON PAGE 3 AND GENERAL NOTE "E" ON PAGE 2.

**STORAGE IN TYPE II BUNKER MAGAZINE**

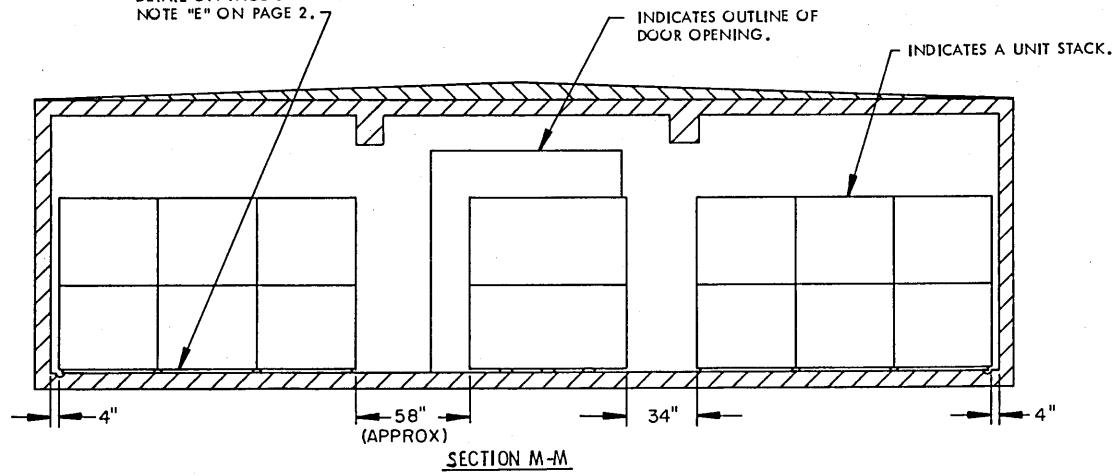
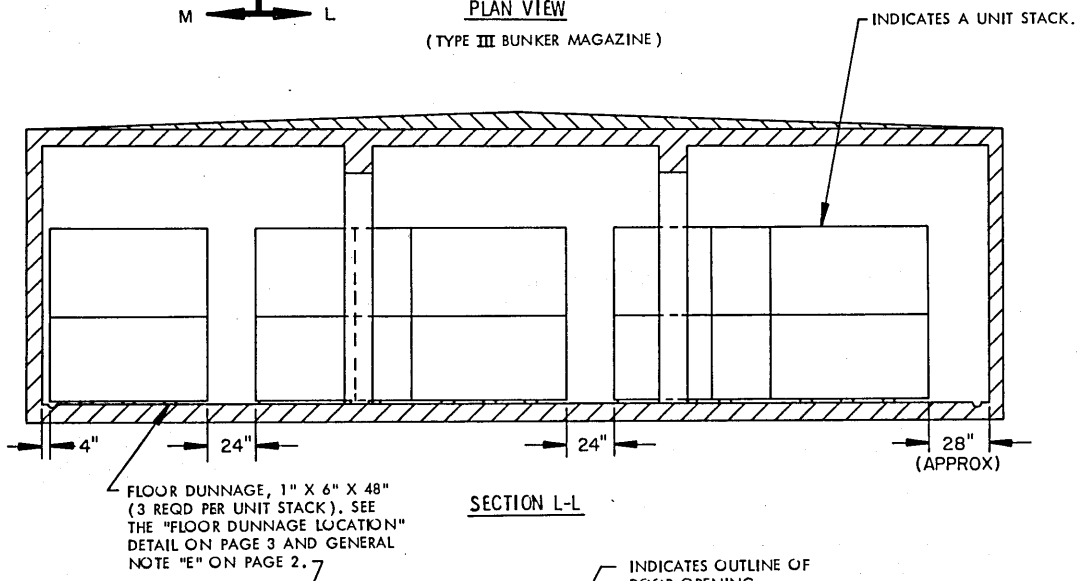
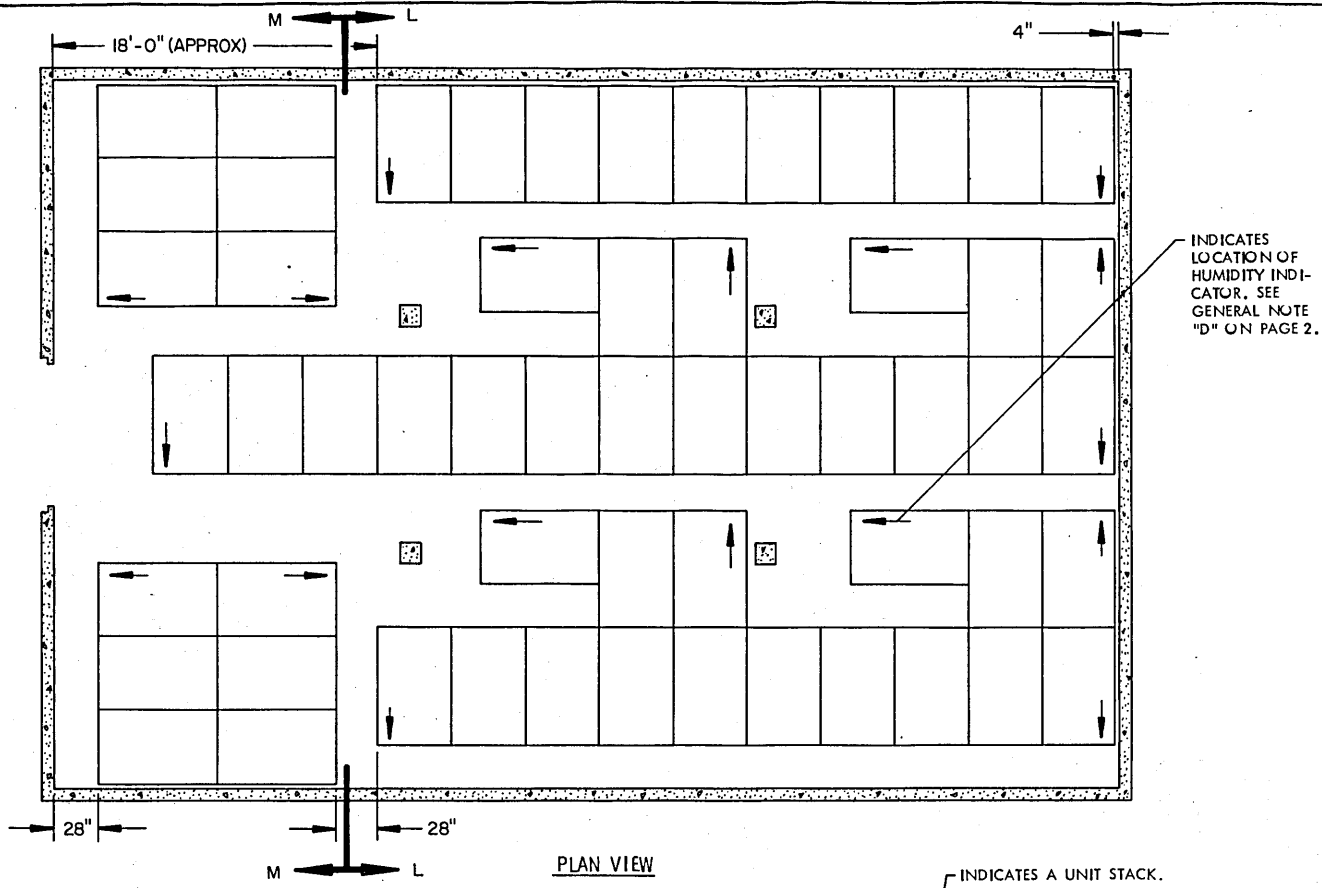
ITEM	QUANTITY
PALLET UNITS -----	183



**ISOMETRIC VIEW**  
(TYPE II BUNKER MAGAZINE)

FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS," SEE PAGE 2.

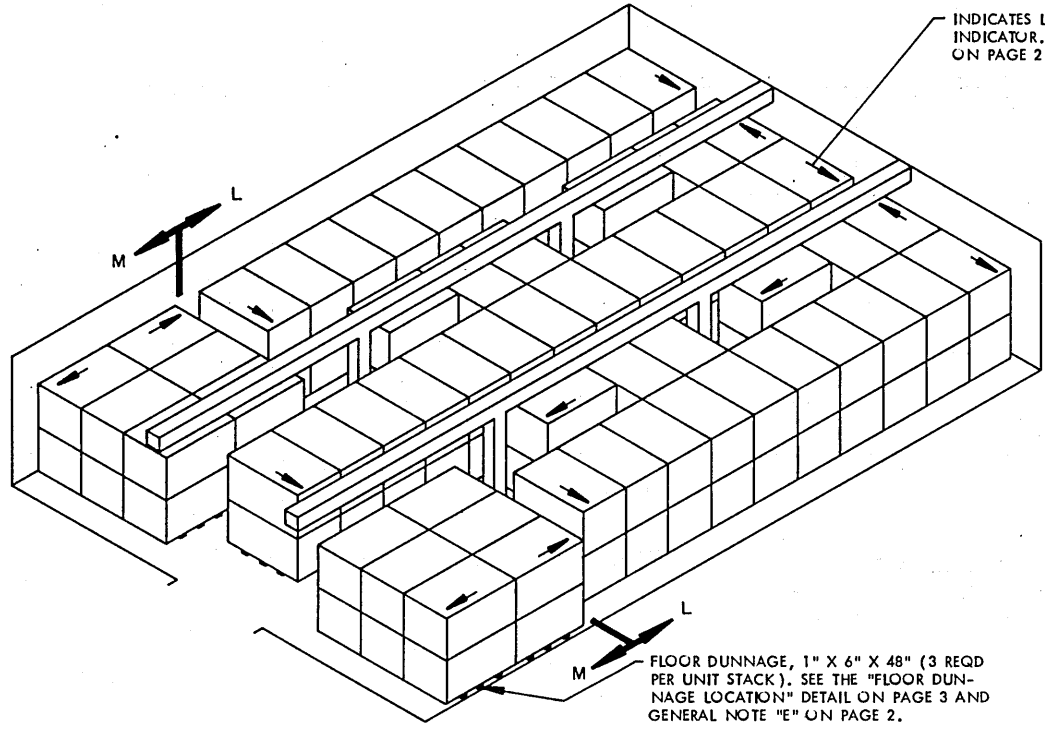
BILL OF MATERIAL ( PER UNIT STACK )		
LUMBER	LINEAR FEET	BOARD FEET
1" X 6" X 48"	12	6





STORAGE IN TYPE III BUNKER MAGAZINE

<u>ITEM</u>	<u>QUANTITY</u>
PALLET UNITS -----	114

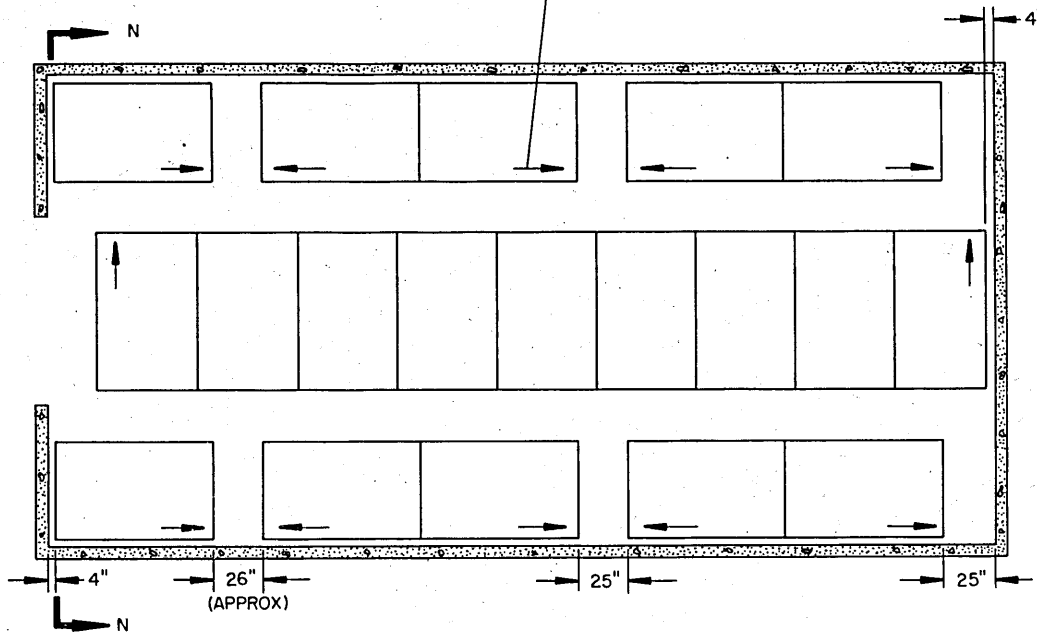


ISOMETRIC VIEW  
(TYPE III BUNKER MAGAZINE)

FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

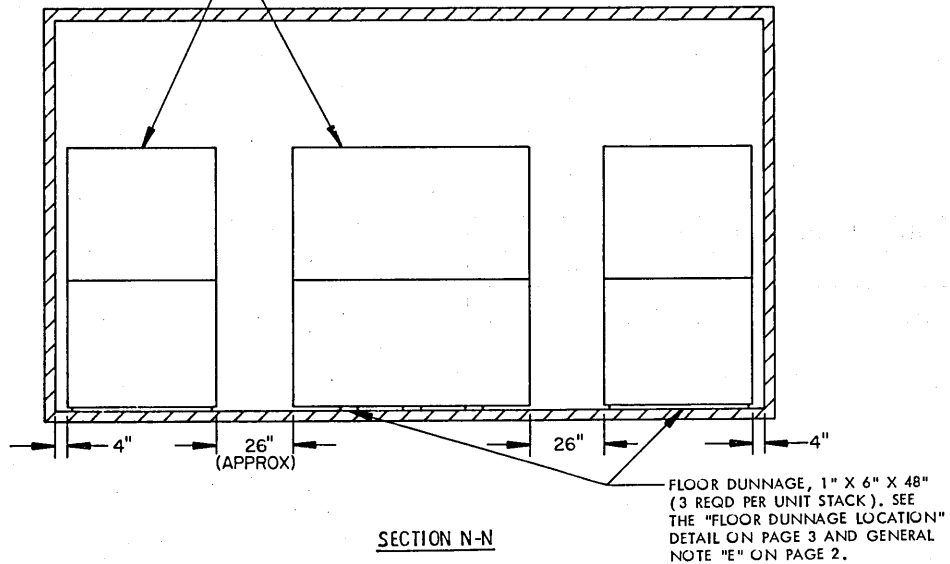
<u>BILL OF MATERIAL (PER UNIT STACK)</u>		
<u>LUMBER</u>	<u>LINEAR FEET</u>	<u>BOARD FEET</u>
1" X 6" X 48"	12	6

INDICATES LOCATION OF HUMIDITY INDICATORS. SEE GENERAL NOTE "D" ON PAGE 2.



**PLAN VIEW**  
(TYPE IV BUNKER MAGAZINE)

INDICATES A UNIT STACK.



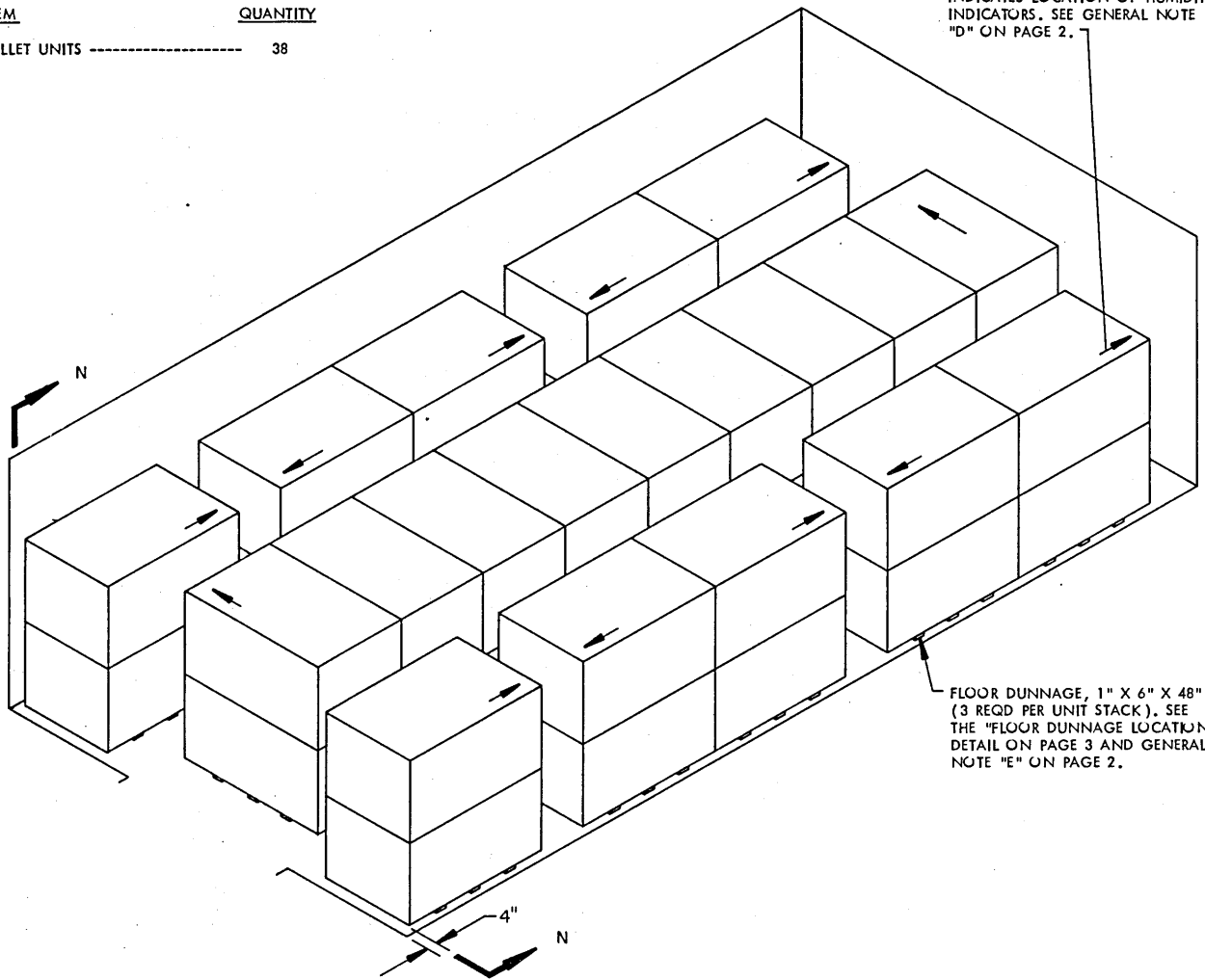
**SECTION N-N**

FLOOR DUNNAGE, 1" X 6" X 48"  
(3 REQD PER UNIT STACK). SEE THE "FLOOR DUNNAGE LOCATION" DETAIL ON PAGE 3 AND GENERAL NOTE "E" ON PAGE 2.

STORAGE IN TYPE IV BUNKER MAGAZINE

ITEM QUANTITY  
 PALLET UNITS ----- 38

INDICATES LOCATION OF HUMIDITY INDICATORS. SEE GENERAL NOTE "D" ON PAGE 2.

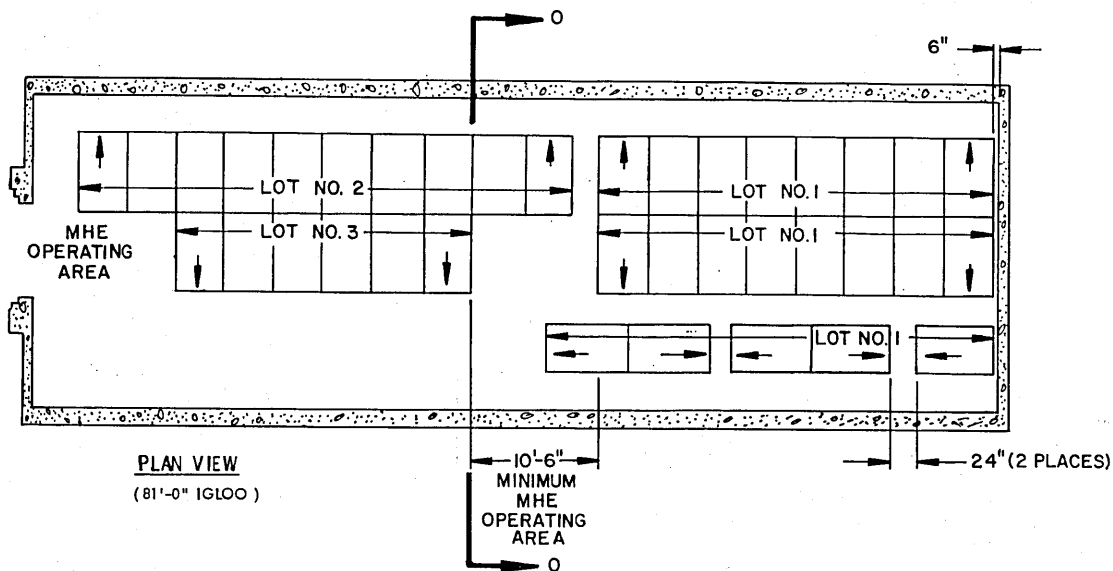


FLOOR DUNNAGE, 1" X 6" X 48" (3 REQD PER UNIT STACK). SEE THE "FLOOR DUNNAGE LOCATION" DETAIL ON PAGE 3 AND GENERAL NOTE "E" ON PAGE 2.

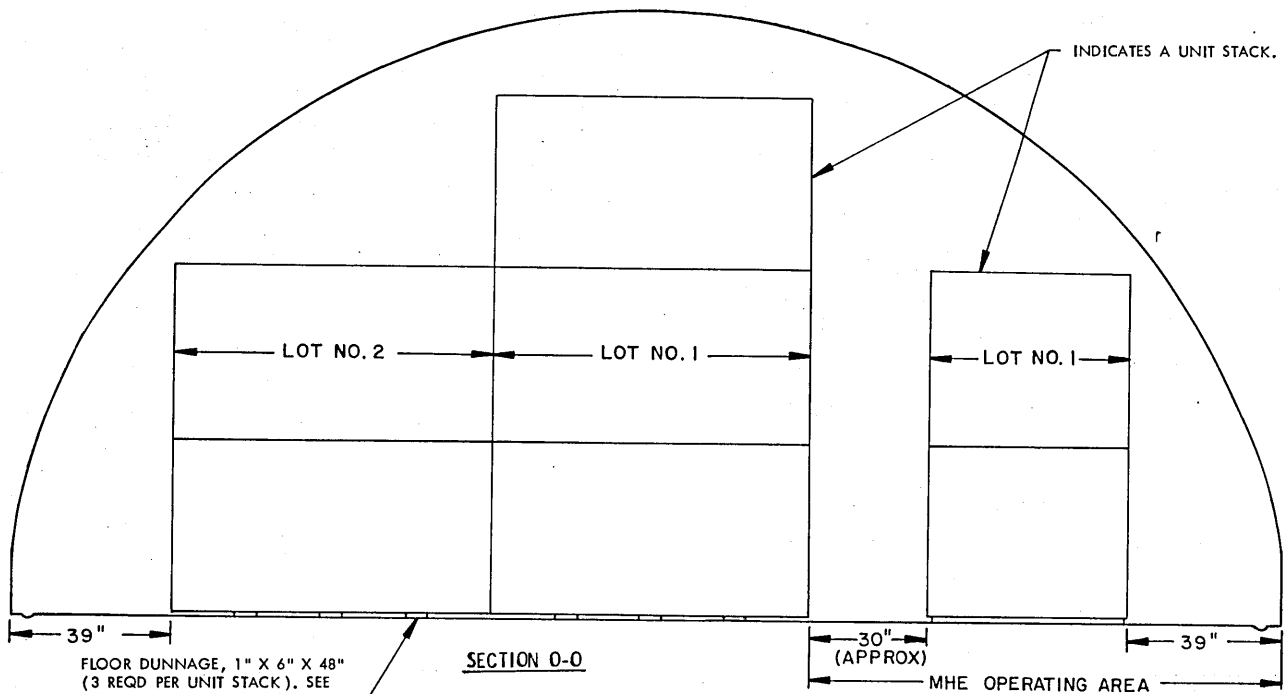
ISOMETRIC VIEW  
 (TYPE IV BUNKER MAGAZINE)

BILL OF MATERIAL (PER UNIT STACK)		
LUMBER	LINEAR FEET	BOARD FEET
1" X 6" X 48"	12	6

FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS," SEE PAGE 2.



PLAN VIEW  
(81'-0" IGLOO)



SECTION 0-0

FLOOR DUNNAGE, 1" X 6" X 48"  
(3 REQD PER UNIT STACK). SEE  
THE "FLOOR DUNNAGE LOCATION"  
DETAIL ON PAGE 3 AND GENERAL  
NOTE "E" ON PAGE 2.

SPECIAL NOTES:

1. THE STORAGE PLANS AND CONFIGURATIONS SHOWN ON THIS PAGE ARE TYPICAL ONLY, AND APPLY TO RELATIVELY LARGE LOTS. ADAPTATIONS MAY BE MADE AS NUMBER AND SIZES OF LOTS TO BE STORED IN MAGAZINE REQUIRE.
2. AN INSPECTION/INVENTORY AISLE NOT LESS THAN 24" WIDE MUST BE PROVIDED AT THE "AFT END" OF ALL CONTAINERS IN ALL LOTS TO PERMIT ACCESS TO HUMIDITY INDICATORS.
3. GENERALLY THE LARGEST LOT SHOULD BE STORED IN THE REAR OF THE MAGAZINE. HOWEVER, THE REAR AREA MAY BE USED TO STORE MORE THAN ONE LOT BY ERECTING ROWS SIMILAR TO THOSE SHOWN IN THE FRONTAL AREA. AN MHE ACCESS AISLE WILL NOT BE REQUIRED IN THE REAR AREA AS LONG AS EACH LOT IS ACCESSIBLE FOR REMOVAL AND INSPECTION/INVENTORY IN ACCORDANCE WITH OTHER CRITERIA SPECIFIED IN THESE SPECIAL NOTES AND IN THE GENERAL NOTES ON PAGE 2.
4. EACH LOT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MHE. A SINGLE-LOT OF PALLET UNITS IS CONSIDERED "ACCESSIBLE" IF NOT MORE THAN TWELVE (12) "LIFTS" OF ANOTHER LOT OR LOTS HAVE TO BE MADE TO GAIN ACCESS TO THAT LOT. THE TERM "LIFT" MEANS HANDLING AND MOVING NOT MORE THAN TWO (2) PALLET UNITS OF CONTAINERS AT ONE TIME.

(CONTINUED AT RIGHT)

(SPECIAL NOTES CONTINUED)

5. ONE LOT WILL NOT BE STACKED ON TOP OF ANOTHER LOT.