

STORAGE IN APPROVED MAGAZINES OF AMMUNITION AND COMPONENTS IN NAILED WOODEN OR WIREBOUND BOXES NOT UNITIZED

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THIS DRAWING MAY ALSO BE USED FOR STORAGE
OF METAL BOXES. SEE GENERAL NOTE "Q" ON PAGE 2.

CAUTION:
THE GENERAL NOTES ON PAGE 2 WILL BE
THOROUGHLY READ PRIOR TO STORAGE
OPERATIONS.

REVISIONS				DRAFTSMAN JRM / 1st	PROJ ENG MWD/ALW (MOR CR4)
3	MAR 81	ADD WIRE	<i>J. Martin</i>	CHECKER GEG	LOG ENGINE OFFICE <i>W. H. Gant</i>
4	OCT 86	WIRE USE	<i>John L. Byrd</i> <i>J. Martin</i> <i>John L. Byrd</i>	APPROVED, U.S. ARMY ARMAMENT, MUNITIONS AND CHEMICAL COMMAND <i>J. Martin</i>	
APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIAL COMMAND (AMC) <i>John L. Byrd</i> ARMY DEFENSE AMMUNITION CENTER AND SCHOOL					
U.S. ARMY AMC DRAWING					
OCTOBER 1986					
CLASS	DIVISION	DRAWING	FILE		
19	48	4005	1-2-3-4-14 22A1000		

DO NOT SCALE

GENERAL NOTES

- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1, AND AUGMENTS TM 743-200-1 (CHAPTER 5).
- B. TO THE MAXIMUM EXTENT POSSIBLE, BOXED AMMUNITION TO BE PLACED INTO STORAGE WILL BE UNITIZED INTO PALLET UNITS OR SKIDDED UNITS IN ACCORDANCE WITH DARCOM DRAWINGS 19-48-4116-20PA1002 AND 19-48-4138-20PA1000, RESPECTIVELY, AND THE APPENDICES THERETO. STORAGE OF PALLET UNITS AND SKIDDED UNITS WILL BE ACCOMPLISHED AS SPECIFIED IN DARCOM DRAWINGS 19-48-4118-1-2-14-22PA1002 AND 19-48-4125-1-2-14-22PA1003, AS APPLICABLE.
- C. THIS DRAWING IS APPLICABLE FOR AMMUNITION ITEMS, PACKED IN NAILED WOODEN BOXES OF ANY SIZE, WITH OR WITHOUT CLEATS, OR WIREBOUND BOXES OF ANY SIZE, WHICH HAVE NOT BEEN UNITIZED AND ARE TO BE STORED ON FLOOR DUNNAGE, ON SHORT DUNNAGE OR ON STORAGE/WAREHOUSE PALLETS. EACH OF THE THREE STORAGE METHODS SPECIFYING STACKING PROCEDURES FOR EACH OF THE THREE TYPES OF BOXES ARE DETAILED ON PAGES 3 THRU 15. SEE GENERAL NOTES "R" AND "S" AT RIGHT.
- D. ALTHOUGH THE TYPICAL PLAN VIEWS SHOWN IN THIS DRAWING INDICATE MAXIMUM STORAGE OF ONE ITEM WITHIN A MAGAZINE, IT IS EXPECTED THAT ACTUAL STORAGE WILL RESULT IN SEVERAL ITEMS OF LESSER QUANTITIES BEING STORED WITHIN ONE MAGAZINE TO PROVIDE FOR EFFICIENT SPACE UTILIZATION OF A STRUCTURE, OR THAT A SMALL PORTION OF A MAGAZINE BEING USED FOR THE STORAGE OF UNITIZED MATERIAL WILL BE USED FOR THE TYPE OF STORAGE DELINEATED IN THIS DRAWING. ANY OR ALL SPECIFIED METHODS MAY BE UTILIZED WITHIN THE SAME MAGAZINE BUT ITEMS STORED MUST BE COMPATIBLE. SEE NOTE "P" BELOW.
- E. THE STACK ELEVATION VIEWS SHOWN HEREIN ARE TYPICAL AND DEPICT STORAGE IN ARCH (IGLOO) TYPE, STRADLEY, CORBETTA AND RECTANGULAR TYPE MAGAZINES OF VARIOUS SIZES. EACH VIEW SHOWS ONE METHOD OF STORAGE FOR ONE TYPE OF BOX, HOWEVER, ALL PROCEDURES SPECIFIED IN THIS DRAWING ARE INTERCHANGEABLE BETWEEN THE DIFFERENT TYPES OF MAGAZINES.
- F. THE STORAGE PROCEDURES DEPICTED WITHIN THIS DOCUMENT FOR THE SPECIFIC TYPES OF MAGAZINES MAY ALSO BE UTILIZED TO STORE BOXED AMMUNITION 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 FOLLOWED.
- G. **CAUTION:** THE ALLOWABLE "EXPLOSIVE LIMIT" ESTABLISHED FOR A MAGAZINE IS NOT TO BE EXCEEDED.
- H. STORED BOXES MUST NOT CONTACT THE WALLS OF A MAGAZINE. TO PROVIDE FOR THIS MANDATORY REQUIREMENT, BOXES MAY BE ELIMINATED FROM THE DEPICTED STORAGE PATTERN AS NECESSARY.
- J. ITEMS PREVIOUSLY STORED IN ACCORDANCE WITH AN APPROVED STORAGE DRAWING NEED NOT BE RE-STORED SOLELY TO COMPLY WITH REQUIREMENTS OF THIS DRAWING.
- K. USE OF WEDGES AS DETAILED ON PAGE 3, IS ONLY REQUIRED WHEN STORING BOXES ON FLOOR DUNNAGE IN MAGAZINES HAVING SLOPED FLOORS. WEDGES ARE NOT REQUIRED WHEN STORING BOXES ON SHORT DUNNAGE OR ON PALLETS.
- L. WHEN STORING COMPLETE ROUNDS OF ROCKETS (HEAD PLUS MOTOR), ALL ROUNDS IN A SINGLE MAGAZINE WILL HAVE HEADS POINTED IN THE SAME DIRECTION, EXCEPT THAT HEADS SHALL NOT BE POINTED TOWARD THE DOOR END. WHEN IN A PROPULSIVE STATE, ROCKET MOTORS AND JATO UNITS WILL BE STORED IN A LIKE MANNER.
- M. BOXES 36" LONG, OR LONGER, MAY BE STORED LONGITUDINALLY TO FILL VOIDS (SEE DOTTED LINES). THESE BOXES MAY BE STORED ON THEIR SIDE UNLESS MARKED OTHERWISE. SUITABLE DUNNAGE WILL BE USED TO PROVIDE AIR CIRCULATION. SUCH BOXES WILL NOT BE OF A DIFFERENT LOT FROM THOSE STORED Laterally AND BELOW THE ONES STORED LONGITUDINALLY. FOR ROCKETS, SEE NOTE "L".
- N. THE MAXIMUM FLOOR LOAD FOR A MAGAZINE AS PRESCRIBED BY LOCAL STANDARDS WILL NOT BE EXCEEDED.
- O. DUNNAGE LUMBER SPECIFIED THROUGHOUT THIS PROCEDURAL DRAWING IS OF NOMINAL SIZE. FOR EXAMPLE, 1" X 2" MATERIAL IS ACTUALLY 3/4" THICK BY 1-1/2" WIDE AND 2" X 4" MATERIAL IS ACTUALLY 1-1/2" THICK BY 3-1/2" WIDE.
- P. STORAGE OF MULTIPLE LOTS OR STORAGE OF COMPATIBLE ITEMS WITH DIFFERENT NATIONAL STOCK NUMBERS IN THE SAME MAGAZINE WILL REQUIRE CAREFUL PLANNING SO AS TO INSURE ACCESSIBILITY TO ANY LOT OR ITEM FOR INSPECTION/INVENTORY OR FOR REMOVAL IN ACCORDANCE WITH CRITERIA SPECIFIED IN THE APPLICABLE "SPECIAL NOTES" SECTIONS ON PAGE 16 AND 25.

(CONTINUED AT RIGHT)

MATERIAL SPECIFICATIONS

- LUMBER ----- : SEE TM 743-200-1, DUNNAGE LUMBER; FED SPEC MM-L-751.
- STRAPPING, STEEL --- : FED SPEC QQ-S-781; CLASS 1, TYPE I OR IV, FINISH A OR B.
- SEAL, STRAP ----- : FED SPEC QQ-S-781; TYPE D, STYLE I, II, OR IV, CLASS H, FINISH A OR B.

(GENERAL NOTES CONTINUED)

- Q. ALTHOUGH THIS DRAWING DEPICTS PROCEDURES FOR STORAGE OF AMMUNITION ITEMS PACKED IN WOODEN BOXES, THE PRINCIPLES AND METHODS SPECIFIED HEREIN MAY ALSO BE USED FOR STORING AMMUNITION ITEMS PACKED IN METAL BOXES.
- R. STORAGE PROCEDURES WITHIN THIS DRAWING SPECIFY USE OF WOODEN DUNNAGE BETWEEN ALL LAYERS OF WIREBOUND BOXES AND/OR WOODEN BOXES WITHOUT CLEATS WHEN NOT STORED ON PALLETS. THIS DUNNAGE IS REQUIRED TO PROVIDE FOR AIR CIRCULATION THRU ALL STACKS THROUGHOUT THE LENGTH OF THE MAGAZINE. AIR CIRCULATION IS NECESSARY FOR LONG TERM STORAGE, I.E. FOR MORE THAN 90 DAYS, SUCH AS AT DEPOTS, POSTS, CAMPS AND STATIONS WHICH NORMALLY HAVE ROTATING STOCKS ON A 90 DAY AUTHORIZATION BASIS AT ASP'S MAY ELIMINATE DUNNAGE BETWEEN LAYERS, EXCEPT AT EVERY FOURTH LAYER. REFERENCE IS MADE TO PAGES 4, 5, 8 THRU 11, 18, 19, 22 AND 23, AS APPLICABLE.
- S. ALL WHITE PHOSPHORUS (WP) AND PLASTICIZED WHITE PHOSPHORUS (PWP) FILLED AMMUNITION WILL BE PLACED INTO STORAGE IN A NOSE-END UP POSITION, EXCEPT FOR RIFLE GRENADES, 3.5" ROCKETS, AND 2.75" ROCKET WARHEADS AND ROCKETS. RIFLE GRENADES AND 3.5" ROCKETS WILL BE PLACED IN A NOSE-END DOWN POSITION. 2.75" COMPLETE ROCKETS, ASSEMBLED OR UNASSEMBLED, AND 2.75" ROCKET WARHEADS MAY BE PLACED IN A HORIZONTAL POSITION FOR STORAGE. TO AVOID ANY ERRORS IN POSITIONING OF WP AND PWP FILLED AMMUNITION IN STORAGE, ALL SUCH ITEMS SHOULD BE STORED AS STANDARD PALLET UNITS. HOWEVER, IF BOXES TO BE STORED ARE NOT UNITIZED ON PALLETS, THEY MUST ONLY BE STORED AS PALLET STACKS AS TYPICALLY SHOWN ON PAGES 12 THRU 15. BOXES MUST BE POSITIONED ON THE PALLET AS SPECIFIED ABOVE FOR THE ITEM BEING STORED. STEEL STRAPPING MAY BE REQUIRED TO STABILIZE THE PALLET STACK IN HANDLING AND STORAGE AS INDICATED IN THE SPECIAL NOTES ON PAGES 12 AND 14.

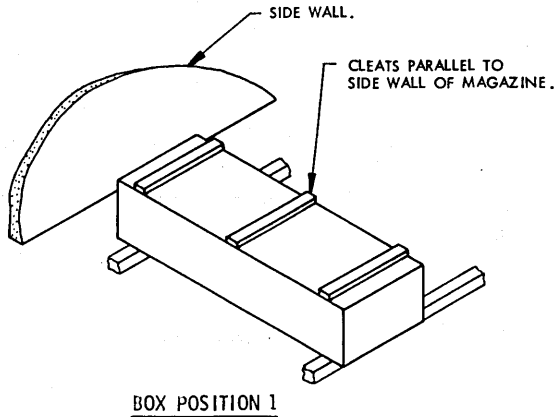
REVISIONS

REVISION NO. 3, DATED MARCH 1981, CONSISTS OF:

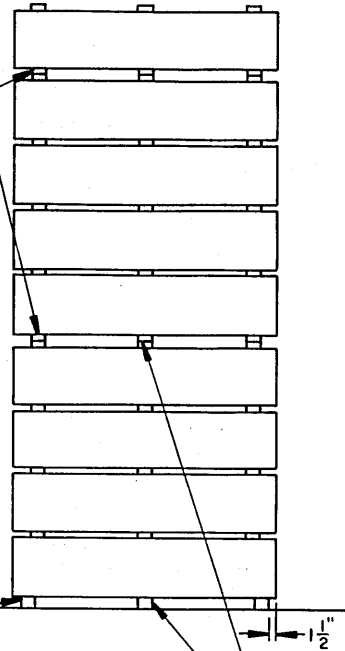
1. ADDING PROCEDURES TO COVER STORAGE IN ARCH TYPE (IGLOO), OVAL ARCH, RECTANGULAR, CORBETTA AND STANDARD ABOVE-GROUND MAGAZINES.
2. ADDING PROCEDURES FOR USE OF SHORT DUNNAGE AND PALLETS.
3. ADDING PROCEDURES FOR WIREBOUND BOXES.
4. CHANGING PROCEDURES TO CONFORM TO CURRENT STANDARDS.
5. ELIMINATING TABULAR DATA.
6. UPDATING GENERAL NOTES.
7. UPDATE DRAWING FORMAT.

REVISION NO. 4, DATED OCTOBER 1986, CONSISTS OF:

1. ADDING GENERAL NOTE "R" FOR REDUCED DUNNAGE PROCEDURES APPLICABLE TO ASP STORAGE SITES AT POSTS, CAMPS AND STATIONS.
2. ADDING GENERAL NOTE "S" FOR STORAGE OF WP AND PWP FILLED AMMUNITION.
3. UPDATE DRAWING FORMAT.



1" X 2" LONGITUDINAL DUNNAGE EVERY 4TH LAYER. PLACE ON CLEATS OR IF THICKNESS OF 1" X 2" IS THICKER THAN CLEATS, THE 1" X 2" MAY BE PLACED DIRECTLY ON BOX AND ADJACENT TO CLEAT. SEE SPECIAL NOTE 2 BELOW.



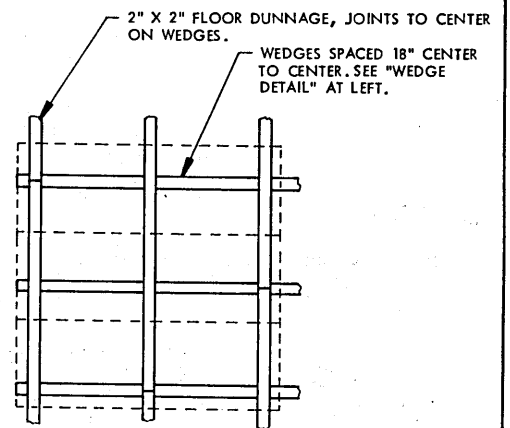
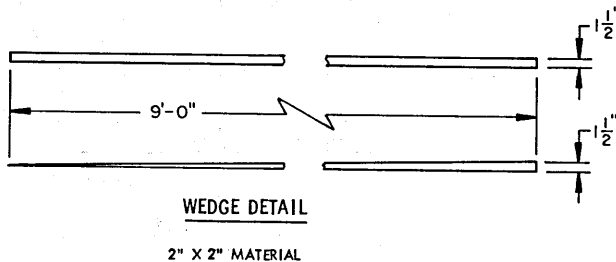
2" X 2" FLOOR DUNNAGE. SEE SPECIAL NOTE 1 AT LEFT.

TYPICAL STACK

BOXES LONGER THAN 42" WILL REQUIRE A 3RD PIECE OF LONGITUDINAL AND FLOOR DUNNAGE, POSITIONED AT CENTER OF BOX.

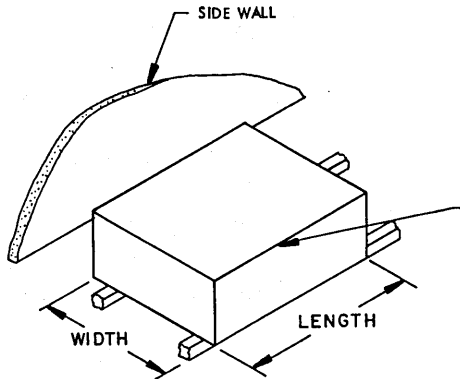
SPECIAL NOTES:

1. FLOOR DUNNAGE MAY BE RANDOM LENGTH MATERIAL, HOWEVER, IN MAGAZINES HAVING SLOPING FLOORS, DUNNAGE JOINTS WILL BE CENTERED ON WEDGES AS SHOWN IN THE "POSITIONING OF WEDGES DETAIL" AT RIGHT.
2. LONGITUDINAL DUNNAGE MAY BE RANDOM LENGTH MATERIAL EXCEPT THAT EACH PIECE MUST SPAN A MINIMUM OF 3 BOXES.



FOR MAGAZINES WITH SLOPING FLOORS. SEE GENERAL NOTE "K" ON PAGE 2.

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

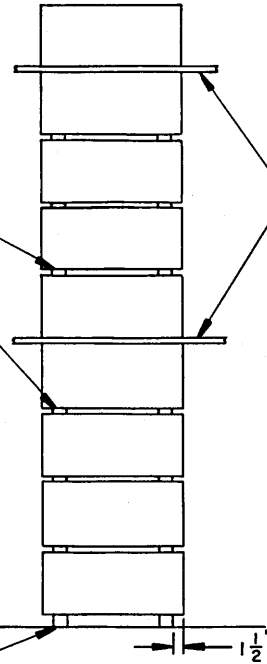


BOX POSITION 2

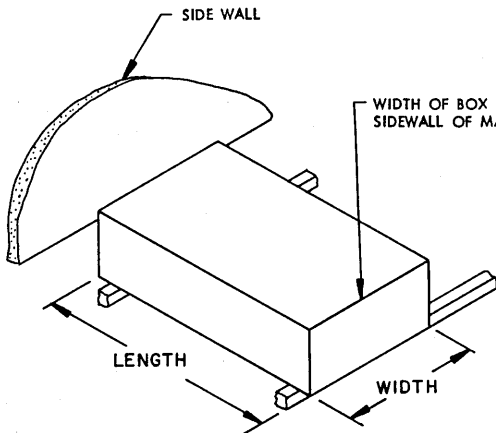
WHEN THE LENGTH OF THE BOX IS LESS THAN 1-1/2 TIMES THE WIDTH OF THE BOX.

1" X 2" LONGITUDINAL DUNNAGE ON ALL LAYERS EXCEPT EVERY 4TH LAYER. 2 REQD PER LAYER PER ROW. SEE SPECIAL NOTE 2 BELOW, AND GENERAL NOTE "R" ON PAGE 2.

LENGTH OF BOX PARALLEL TO SIDE WALL OF MAGAZINE.



TYPICAL STACK

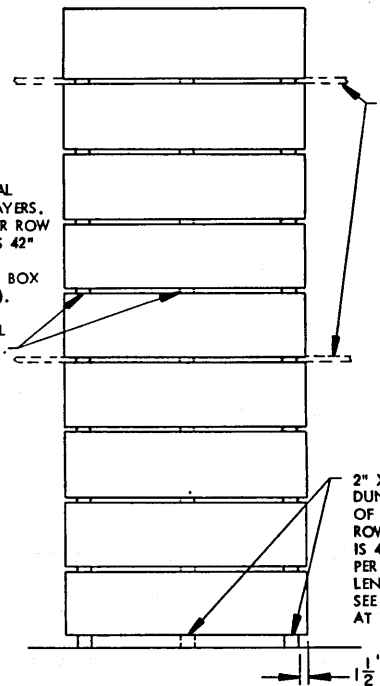


BOX POSITION 3

WHEN THE LENGTH OF THE BOX IS 1-1/2 TIMES OR MORE THAN 1-1/2 TIMES THE WIDTH OF THE BOX.

WIDTH OF BOX PARALLEL TO SIDEWALL OF MAGAZINE.

1" X 2" LONGITUDINAL DUNNAGE ON ALL LAYERS. (2 REQD PER LAYER PER ROW WHEN BOX LENGTH IS 42" OR LESS; 3 REQD PER LAYER PER ROW WHEN BOX LENGTH EXCEEDS 42"). SEE SPECIAL NOTE 2 BELOW, AND GENERAL NOTE "R" ON PAGE 2.

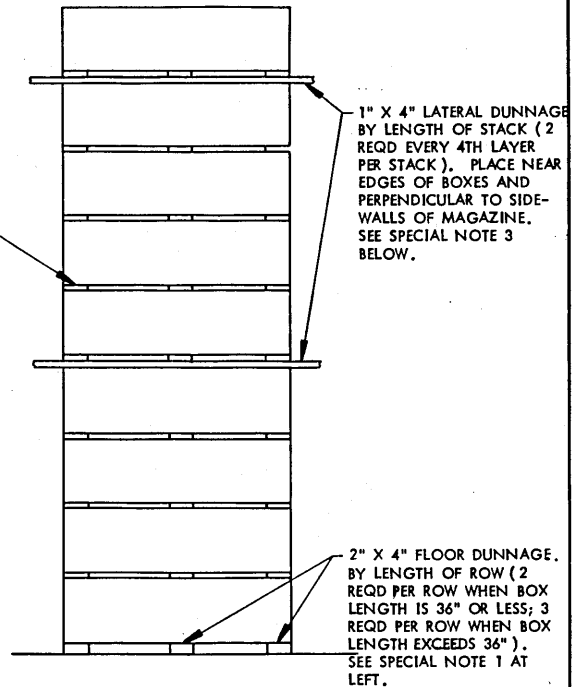
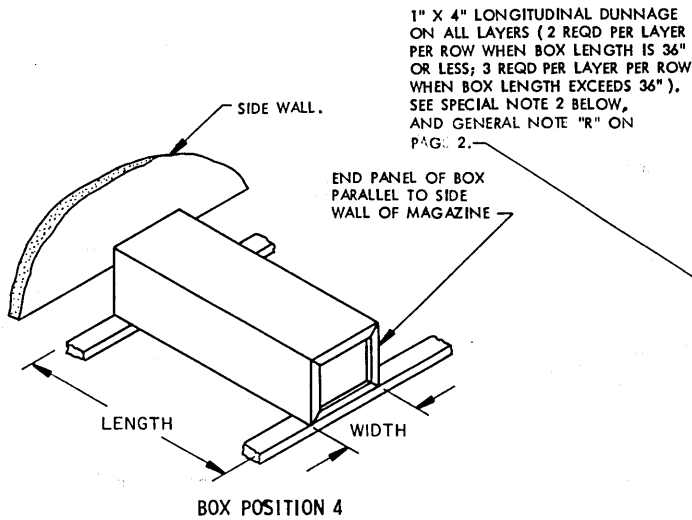


TYPICAL STACK

SPECIAL NOTES:

1. FLOOR DUNNAGE MAY BE RANDOM LENGTH MATERIAL. HOWEVER, IN MAGAZINES HAVING SLOPING FLOORS, DUNNAGE JOINTS WILL BE CENTERED ON WEDGES AS SHOWN IN THE "POSITIONING OF WEDGES DETAIL" ON PAGE 3.
2. LONGITUDINAL DUNNAGE POSITIONED PARALLEL WITH SIDEWALLS OF MAGAZINE MAY BE RANDOM LENGTH MATERIAL EXCEPT THAT EACH PIECE MUST SPAN A MINIMUM OF 3 BOXES WHEN THE BOX DIMENSION PARALLEL TO THE DUNNAGE IS 20" OR LESS OR SPAN A MINIMUM OF 2 BOXES WHEN THE DIMENSION IS MORE THAN 20".
3. LATERAL DUNNAGE POSITIONED PERPENDICULAR TO SIDEWALLS OF MAGAZINE MAY BE RANDOM LENGTH MATERIAL EXCEPT THAT EACH PIECE MUST SPAN A MINIMUM OF 3 BOXES WHEN THE BOX DIMENSION PARALLEL TO THE DUNNAGE IS 20" OR LESS OR SPAN A MINIMUM OF 2 BOXES WHEN THE DIMENSION IS MORE THAN 20".

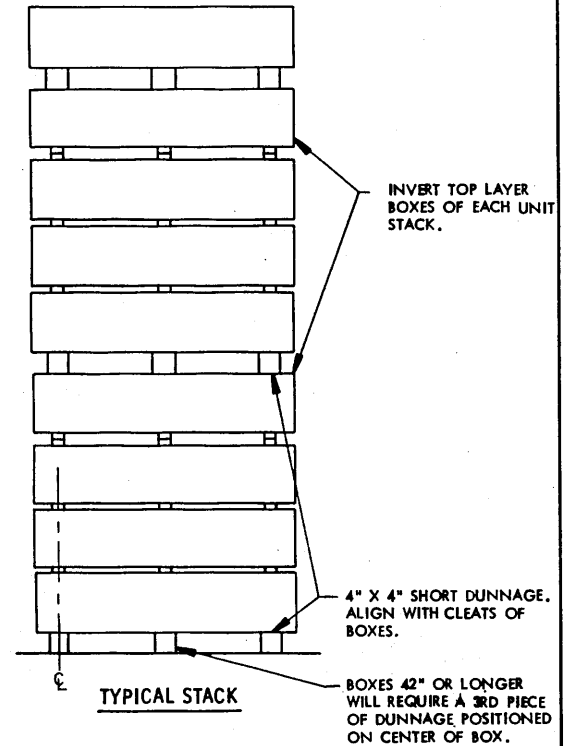
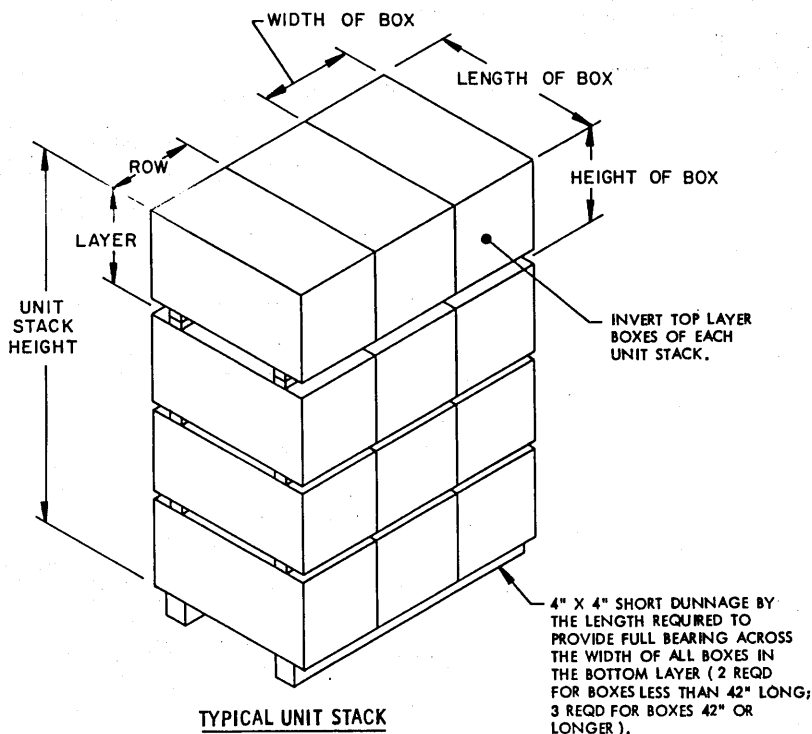
FOR "GENERAL NOTES", AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.



SPECIAL NOTES:

1. THE 2 OUTER LENGTHS OF FLOOR DUNNAGE WILL BE POSITIONED FLUSH WITH ENDS OF BOXES. THE THIRD LENGTH, WHEN REQUIRED, WILL BE POSITIONED AT CENTER OF BOXES. FLOOR DUNNAGE MAY BE RANDOM LENGTH MATERIAL. HOWEVER, IN MAGAZINES HAVING SLOPING FLOORS, DUNNAGE JOINTS WILL BE CENTERED ON WEDGES AS SHOWN IN THE "POSITIONING OF WEDGES DETAIL" ON PAGE 3.
2. THE 2 OUTER LENGTHS OF LONGITUDINAL DUNNAGE PARALLEL WITH SIDEWALLS OF MAGAZINE WILL BE POSITIONED FLUSH WITH ENDS OF BOXES. THE THIRD LENGTH, WHEN REQUIRED, WILL BE POSITIONED AT CENTER OF BOXES. LONGITUDINAL DUNNAGE MAY BE RANDOM LENGTH MATERIAL EXCEPT THAT EACH PIECE MUST SPAN A MINIMUM OF 3 BOXES WHEN THE BOX WIDTH IS LESS THAN 24" OR SPAN A MINIMUM OF 2 BOXES WHEN THE BOX WIDTH IS 24" OR MORE.
3. LATERAL DUNNAGE POSITIONED PERPENDICULAR TO SIDEWALLS OF MAGAZINE MAY BE RANDOM LENGTH MATERIAL EXCEPT THAT EACH PIECE MUST SPAN A MINIMUM OF 3 BOXES WHEN THE BOX LENGTH IS LESS THAN 24" OR SPAN A MINIMUM OF 2 BOXES WHEN THE BOX LENGTH IS 24" OR MORE.

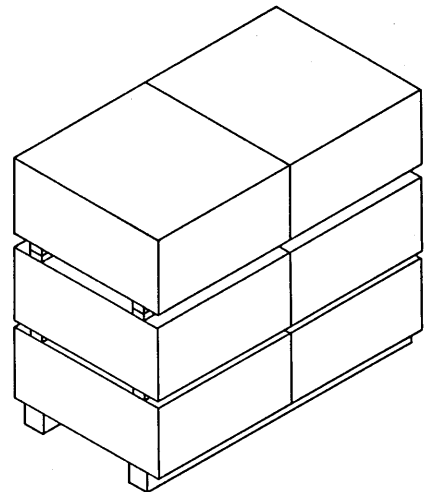
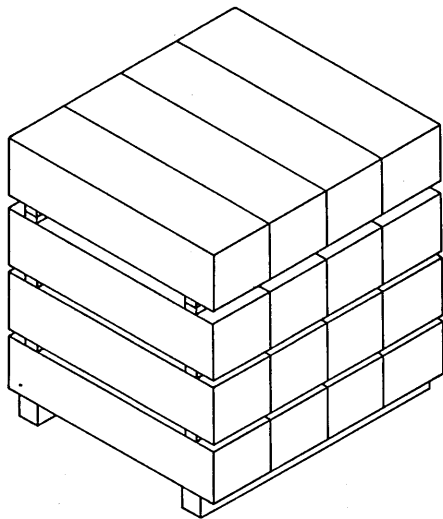
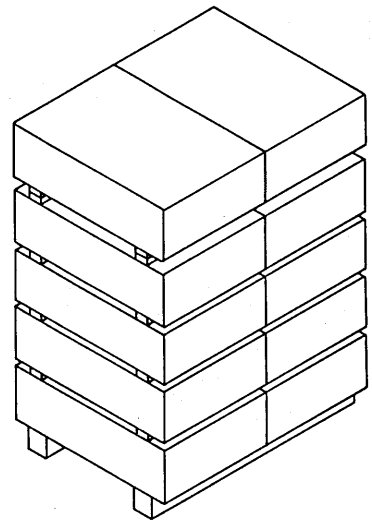
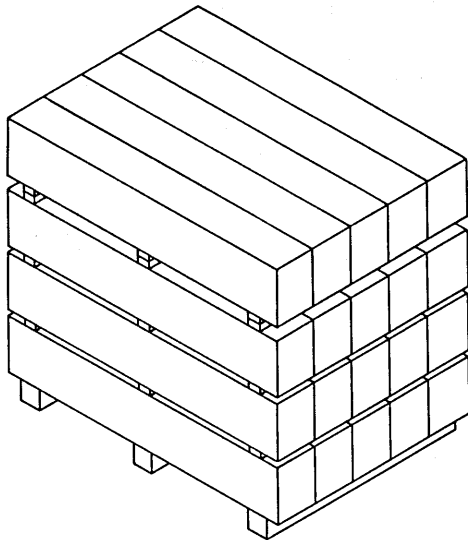
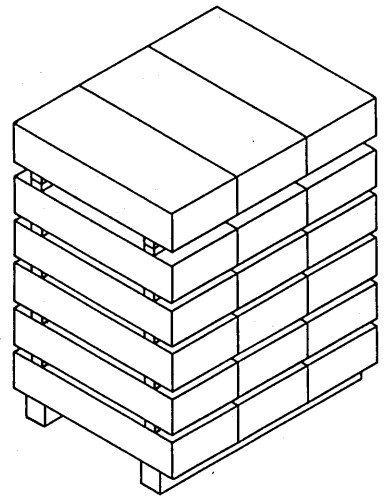
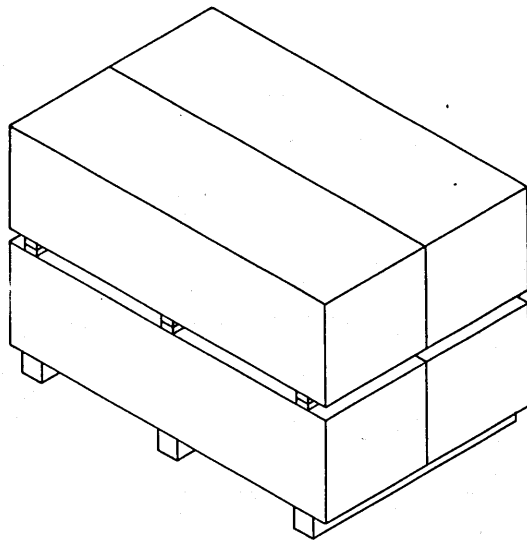
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SPECIAL NOTES:

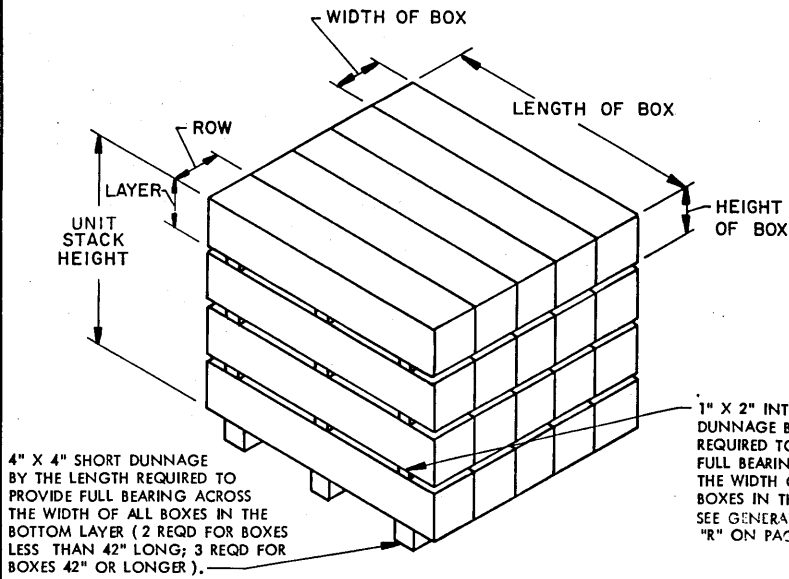
1. A UNIT STACK IS A GROUP OF BOXES ARRANGED IN ROWS AND LAYERS AND PLACED ON SHORT DUNNAGE SO AS TO PERMIT HANDLING OF THE GROUP BY A SINGLE LIFT WITH A FORKLIFT TRUCK.
2. THE QUANTITY OF BOXES IN A UNIT STACK WILL DEPEND UPON THE WIDTH AND HEIGHT DIMENSIONS OF THE BOX, HOWEVER, THE TOTAL WEIGHT OF THE UNIT STACK MUST NOT EXCEED THE WEIGHT CAPACITY OF THE FORKLIFT TRUCK.
3. THE NUMBER OF ROWS IN A UNIT STACK WILL BE DETERMINED BY THE LENGTH OF THE FORK TINES AND THE WIDTH OF THE BOXES. TO FACILITATE SAFE HANDLING, NOT MORE THAN 1/3 OF THE WIDTH OF A BOX SHALL EXTEND BEYOND THE ENDS OF THE FORK TINES OF THE FORKLIFT TRUCK AND THE NUMBER OF LAYERS SHOULD GENERALLY NOT EXCEED A TOTAL OF 54" IN HEIGHT.
4. WHEN A UNIT STACK CONSISTS OF NARROW BOXES, OR IT IS OTHERWISE DEEMED NECESSARY, A LENGTH OF 5/8" OR 3/4" STEEL STRAPPING MAY BE USED TO ENCIRCLE THE UNIT STACK TO PROVIDE STABILITY IN HANDLING AND IN STORAGE. AN ALTERNATIVE METHOD OF PROVIDING STABILITY TO A UNIT STACK IS TO POSITION A LENGTH OF STRAP HORIZONTALLY AROUND THE TOP LAYER OF BOXES.

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

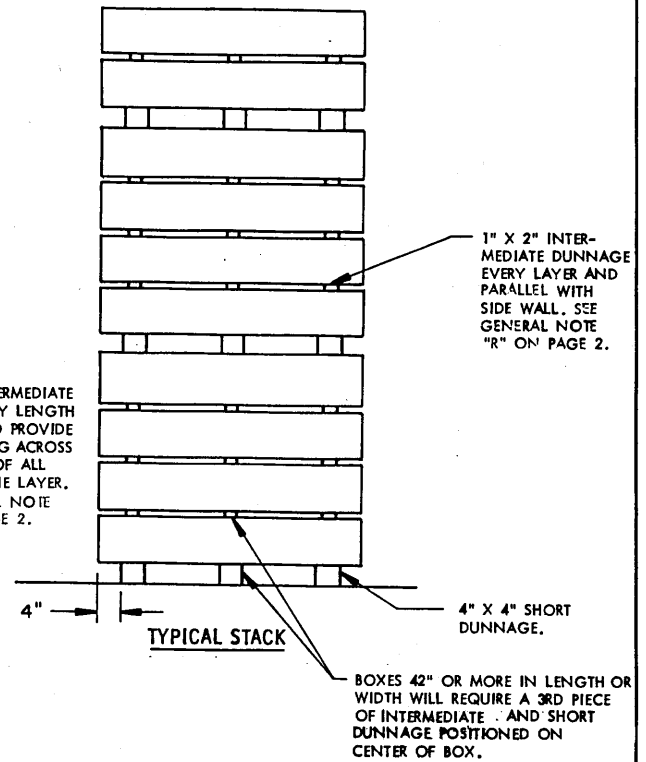


FOR DETAILS AND SPECIAL NOTES, SEE PAGE 6.

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



TYPICAL UNIT STACK

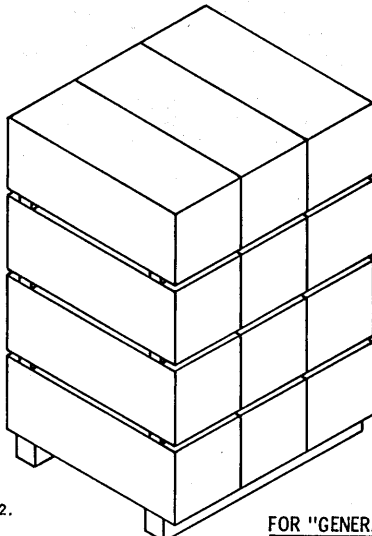
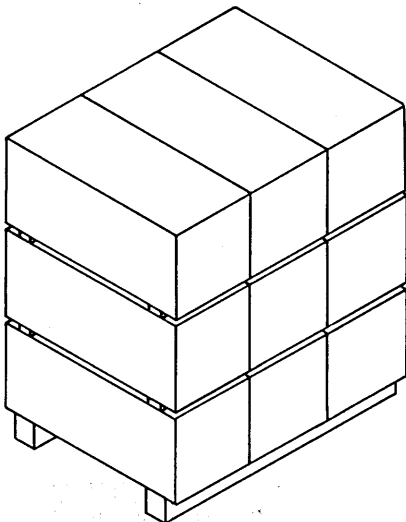
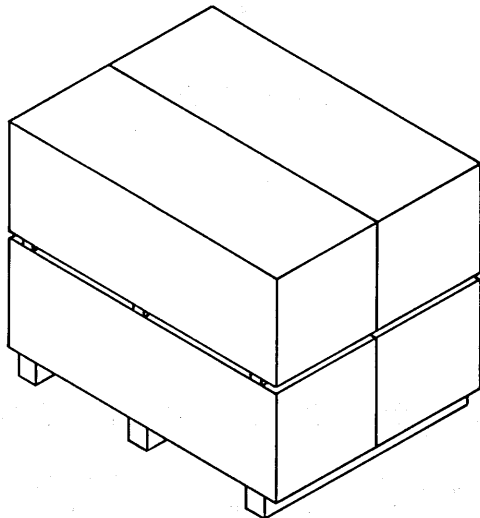
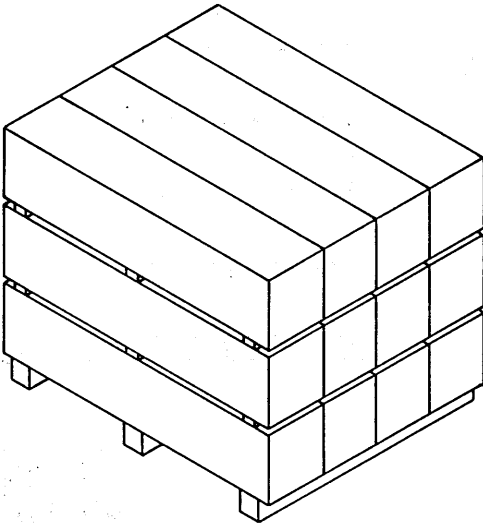
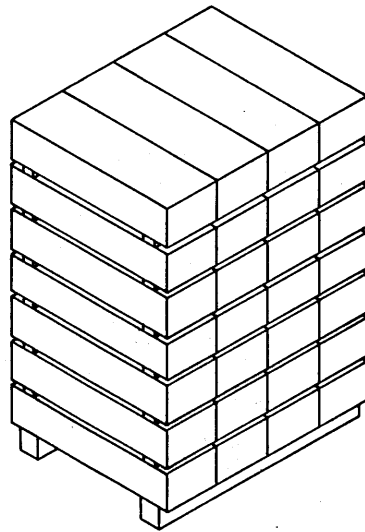
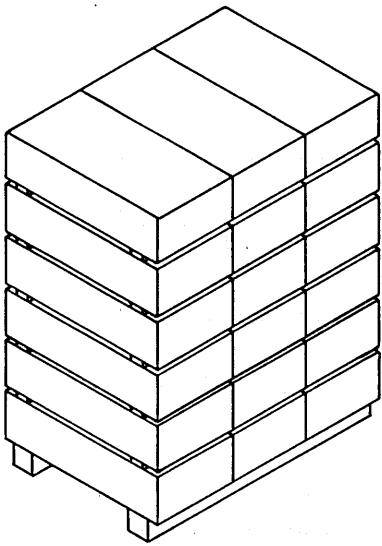


TYPICAL STACK

SPECIAL NOTES:

1. A UNIT STACK IS A GROUP OF BOXES ARRANGED IN ROWS AND LAYERS AND PLACED ON SHORT DUNNAGE SO AS TO PERMIT HANDLING OF THE GROUP BY A SINGLE LIFT WITH A FORKLIFT TRUCK.
2. THE QUANTITY OF BOXES IN A UNIT STACK WILL DEPEND UPON THE WIDTH AND HEIGHT DIMENSIONS OF THE BOX, HOWEVER, THE TOTAL WEIGHT OF THE UNIT STACK MUST NOT EXCEED THE WEIGHT CAPACITY OF THE FORKLIFT TRUCK.
3. THE NUMBER OF ROWS IN A UNIT STACK WILL BE DETERMINED BY THE LENGTH OF THE FORK TINES AND THE WIDTH OF THE BOXES. TO FACILITATE SAFE HANDLING, NOT MORE THAN 1/3 OF THE WIDTH OF A BOX SHALL EXTEND BEYOND THE ENDS OF THE FORK TINES OF THE FORKLIFT TRUCK AND THE NUMBER OF LAYERS SHOULD GENERALLY NOT EXCEED A TOTAL OF 54" IN HEIGHT.
4. WHEN A UNIT STACK CONSISTS OF NARROW BOXES, OR IT IS OTHERWISE DEEMED NECESSARY, A LENGTH OF 5/8" OR 3/4" STEEL STRAPPING MAY BE USED TO ENCIRCLE THE UNIT STACK TO PROVIDE STABILITY IN HANDLING AND IN STORAGE. AN ALTERNATIVE METHOD OF PROVIDING STABILITY TO A UNIT STACK IS TO POSITION A LENGTH OF STRAP HORIZONTALLY AROUND THE TOP LAYER OF BOXES.

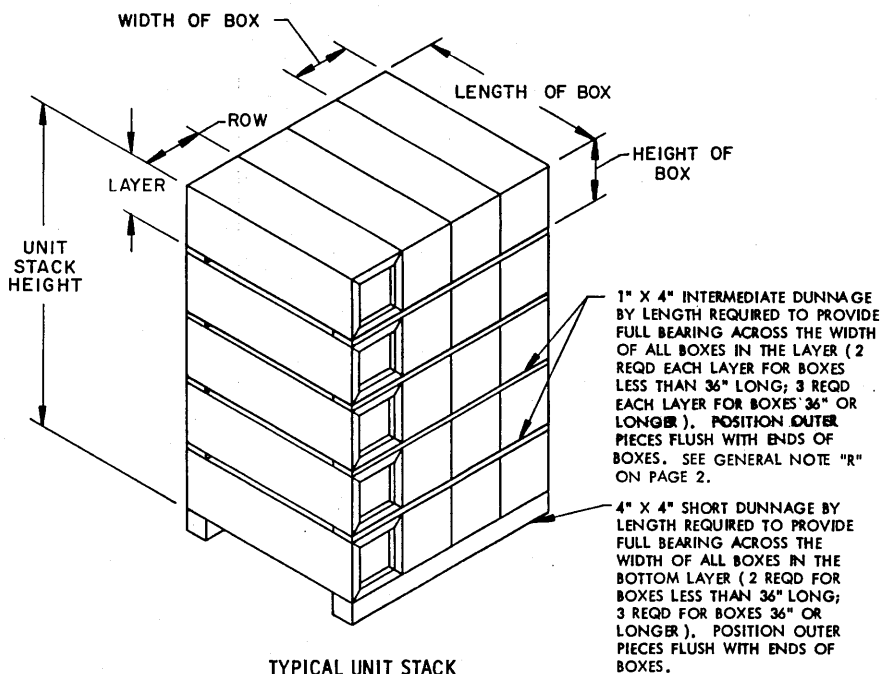
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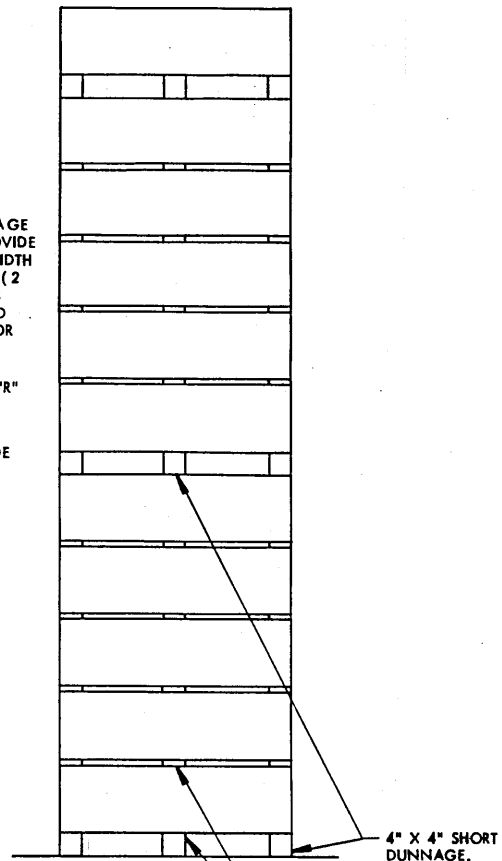
FOR DETAILS AND SPECIAL
NOTES SEE PAGE 8, AND
GENERAL NOTE "R" ON PAGE 2.

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

TYPICAL UNIT STACKS ON SHORT DUNNAGE FOR NAILED WOODEN BOXES MORE THAN 27" LONG OR WIDE WITHOUT GLEATS



TYPICAL UNIT STACK



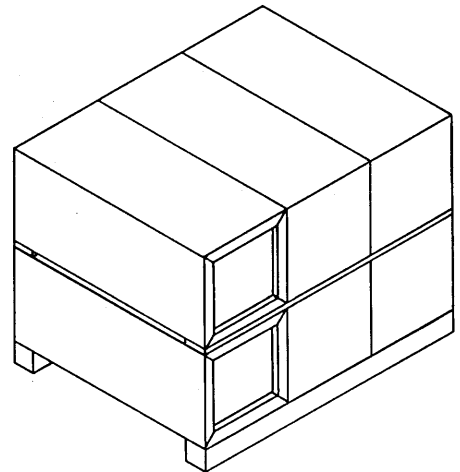
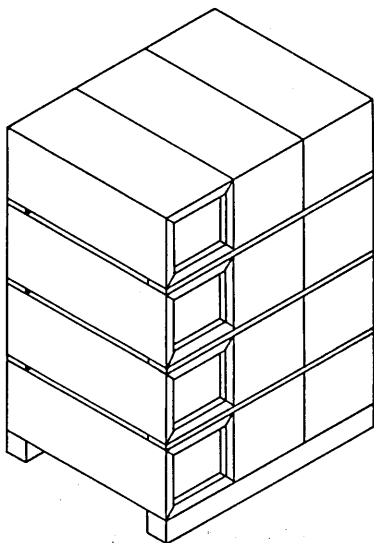
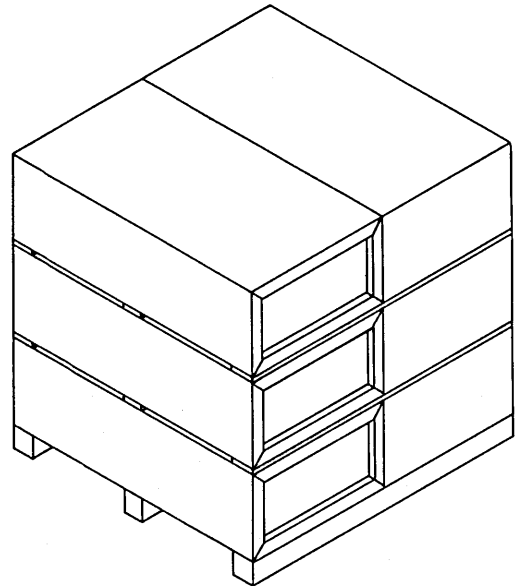
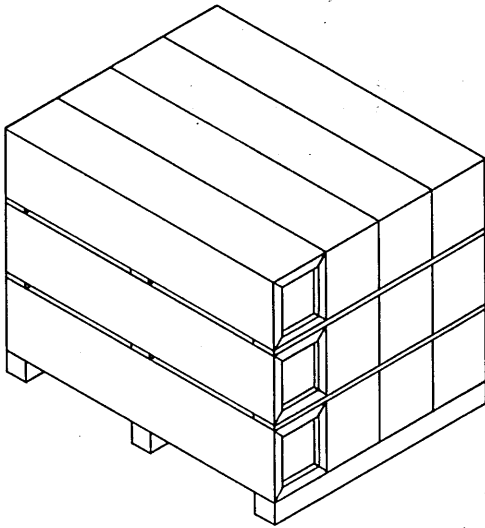
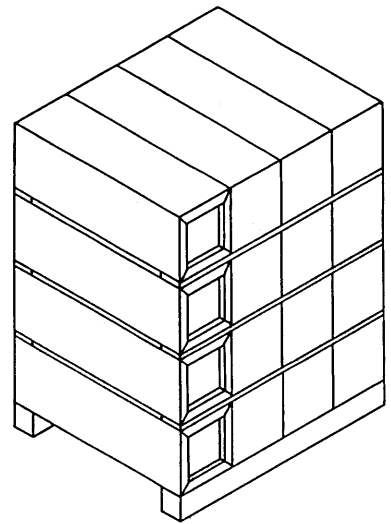
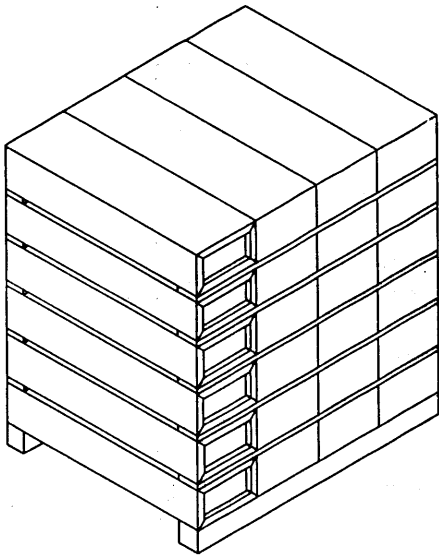
TYPICAL STACK

BOXES 36" OR LONGER WILL REQUIRE A 3RD PIECE OF INTERMEDIATE AND SHORT DUNNAGE POSITIONED ON CENTER OF BOX.

SPECIAL NOTES:

1. A UNIT STACK IS A GROUP OF BOXES ARRANGED IN ROWS AND LAYERS AND PLACED ON SHORT DUNNAGE SO AS TO PERMIT HANDLING OF THE GROUP BY A SINGLE LIFT WITH A FORKLIFT TRUCK.
2. THE QUANTITY OF BOXES IN A UNIT STACK WILL DEPEND UPON THE WIDTH AND HEIGHT DIMENSIONS OF THE BOX, HOWEVER, THE TOTAL WEIGHT OF THE UNIT STACK MUST NOT EXCEED THE WEIGHT CAPACITY OF THE FORKLIFT TRUCK.
3. THE NUMBER OF ROWS IN A UNIT STACK WILL BE DETERMINED BY THE LENGTH OF THE FORK TINES AND THE WIDTH OF THE BOXES. TO FACILITATE SAFE HANDLING, NOT MORE THAN 1/3 OF THE WIDTH OF A BOX SHALL EXTEND BEYOND THE ENDS OF THE FORK TINES OF THE FORKLIFT TRUCK AND THE NUMBER OF LAYERS SHOULD GENERALLY NOT EXCEED A TOTAL OF 54" IN HEIGHT.
4. WHEN A UNIT STACK CONSISTS OF NARROW BOXES, OR IT IS OTHERWISE DEEMED NECESSARY, A LENGTH OF 5/8" OR 3/4" STEEL STRAPPING MAY BE USED TO ENCIRCLE THE UNIT STACK TO PROVIDE STABILITY IN HANDLING AND IN STORAGE. AN ALTERNATIVE METHOD OF PROVIDING STABILITY TO A UNIT STACK IS TO POSITION A LENGTH OF STRAP HORIZONTALLY AROUND THE TOP LAYER OF BOXES.

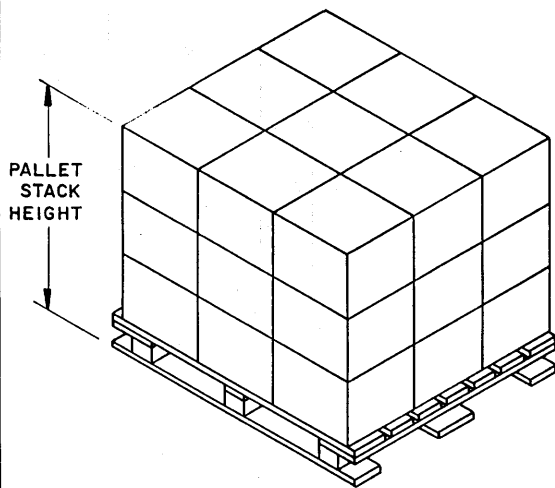
FOR "GENERAL NOTES", AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.



FOR DETAILS AND SPECIAL NOTES, SEE PAGE 10, AND GENERAL NOTE "R" ON PAGE 2.

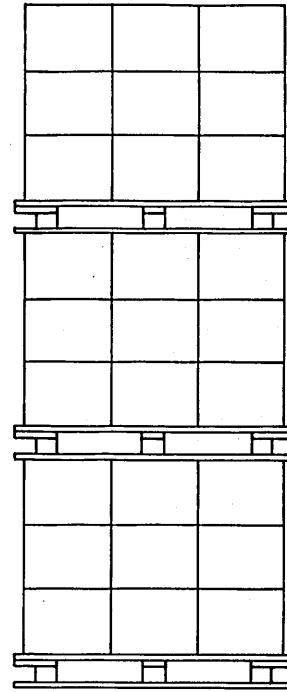
FOR "GENERAL NOTES", AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

TYPICAL UNIT STACKS ON SHORT DUNNAGE FOR WIREBOUND BOXES MORE THAN 24" LONG OR WIDE



TYPICAL PALLET STACK

PALLET. SEE SPECIAL NOTE 2 BELOW.

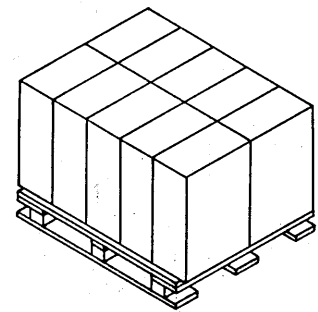
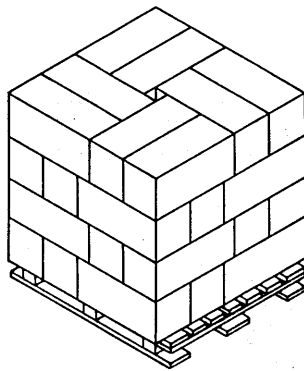
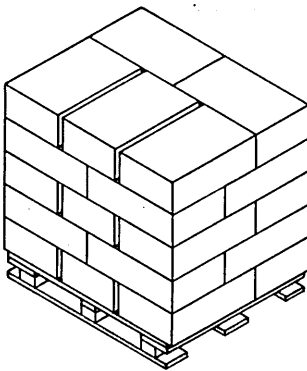
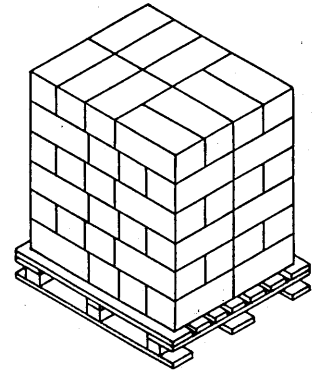
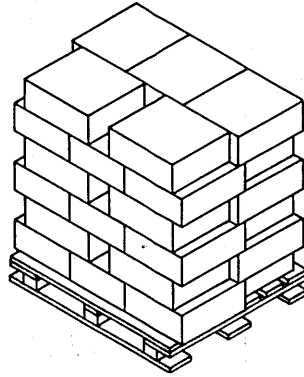
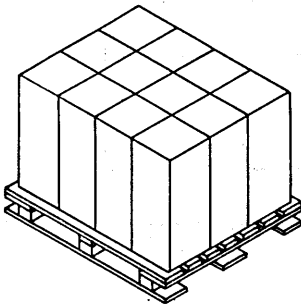


TYPICAL STACK

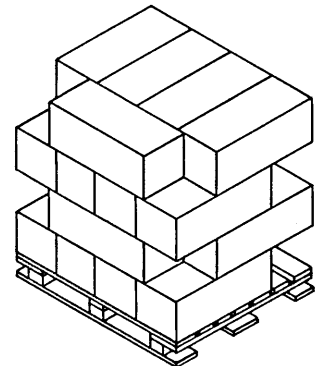
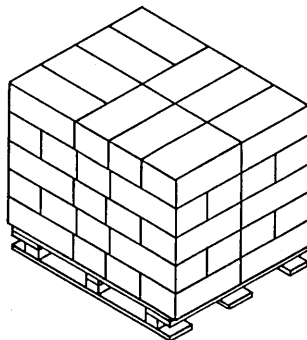
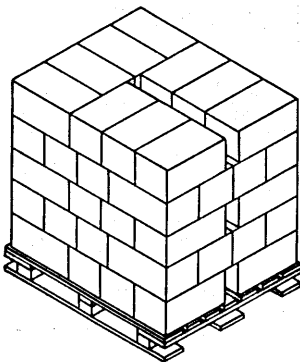
SPECIAL NOTES:

1. A PALLET STACK IS A GROUP OF BOXES ARRANGED IN LAYERS PLACED ON A PALLET SO AS TO PERMIT HANDLING OF THE GROUP BY A SINGLE LIFT WITH A FORKLIFT TRUCK. TO FACILITATE HANDLING THE HEIGHT OF A PALLET STACK GENERALLY SHOULD NOT EXCEED 54"
2. THE PALLET STACKS SHOWN HEREIN, TYPICALLY DEPICT 40" X 48", 4-WAY ENTRY TYPE PALLETS. OTHER TYPES AND SIZES OF PALLETS MAY BE USED IF AVAILABLE.
3. THE QUANTITY OF BOXES IN A PALLET STACK WILL DEPEND UPON THE SIZE OF THE BOXES TO BE STORED AND THE SIZE OF THE PALLET USED. HOWEVER, THE TOTAL WEIGHT OF THE PALLET STACK MUST NOT EXCEED THE WEIGHT CAPACITY OF THE FORKLIFT TRUCK.
4. BOXES SHOULD NOT OVERHANG THE PALLET MORE THAN 3" ON ANY SIDE OF THE PALLET. ADDITIONALLY, THE OVERHANG MUST NOT EXCEED 1/3 OF THE BOX DIMENSION WHICH IS PERPENDICULAR TO THE EDGE OF THE PALLET.
5. AS SHOWN IN THE TYPICAL PALLET STACKS ON PAGE 13, ALL BOXES WITHIN A LAYER NEED NOT BE PLACED IN ONE DIRECTION. TO PROVIDE STABILITY TO SUCH A PALLET STACK, IT IS RECOMMENDED THAT EACH LAYER OF BOXES BE POSITIONED 180° FROM THE NEXT LOWER LAYER.
6. STEEL STRAPPING, 5/8" OR 3/4" WIDE MAY BE POSITIONED HORIZONTALLY AROUND THE TOP LAYER OF BOXES TO PROVIDE STABILITY TO THE PALLET STACK IN HANDLING AND IN STORAGE.
7. FOR STORAGE OF WP AND PWP FILLED AMMUNITION, SEE GENERAL NOTE "5" ON PAGE 2.

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



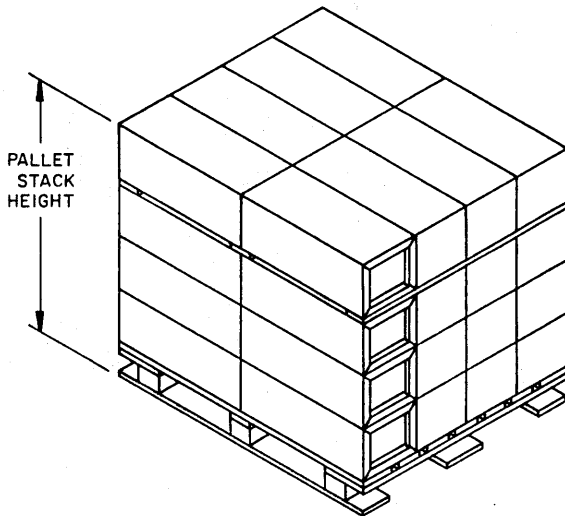
SEE DETAILS AND SPECIAL NOTES ON PAGE 12.



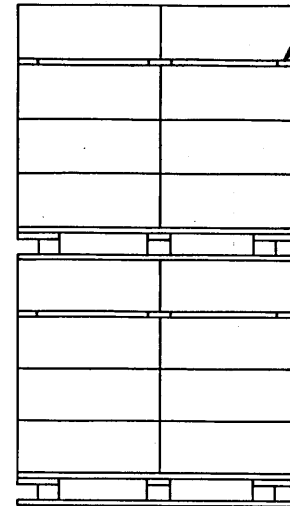
FOR "GENERAL NOTES", AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

TYPICAL PALLET STACKS FOR NAILED WOODEN BOXES 27" OR LESS IN LENGTH OR WIDTH WITH OR WITHOUT CLEATS

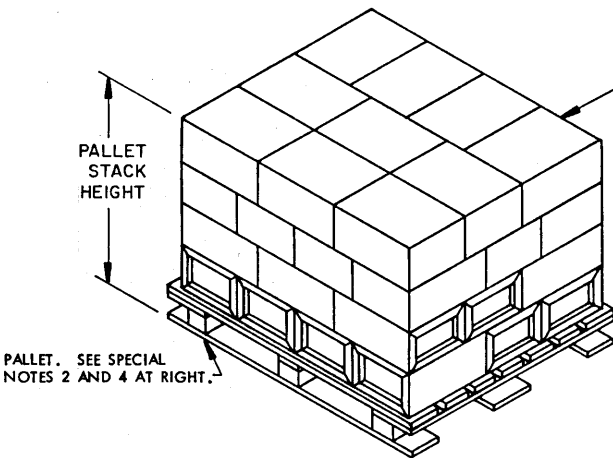
1" X 4" INTERMEDIATE DUNNAGE UNDER TOP LAYER FOR STABILITY OF THE PALLET STACK WHEN BOXES ARE STACKED IN ROWS. POSITION OUTER PIECES FLUSH WITH ENDS OF BOXES. SEE SPECIAL NOTE 5 BELOW.



TYPICAL PALLET STACK
(BOXES STACKED IN ROWS)



TYPICAL STACK



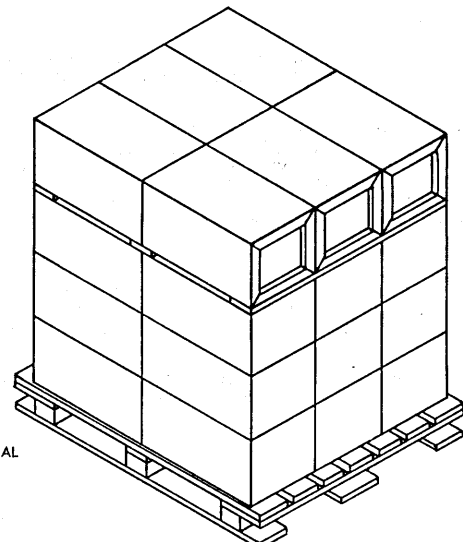
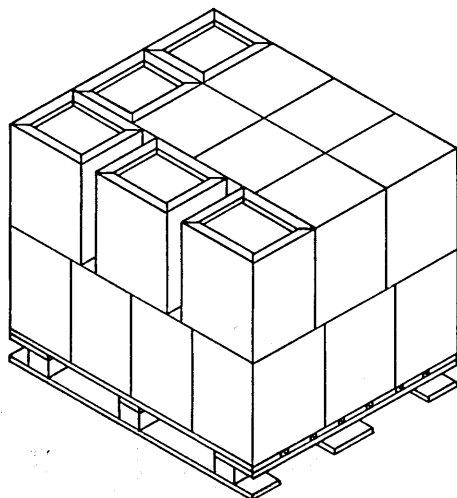
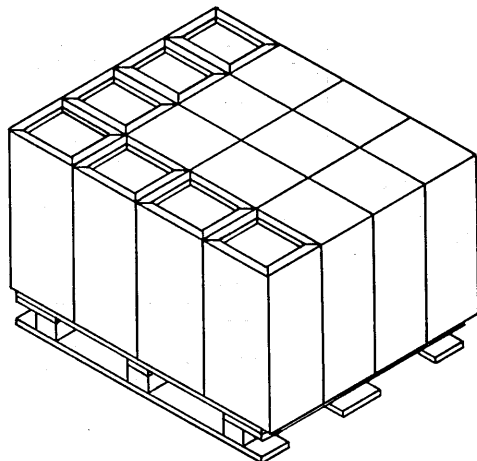
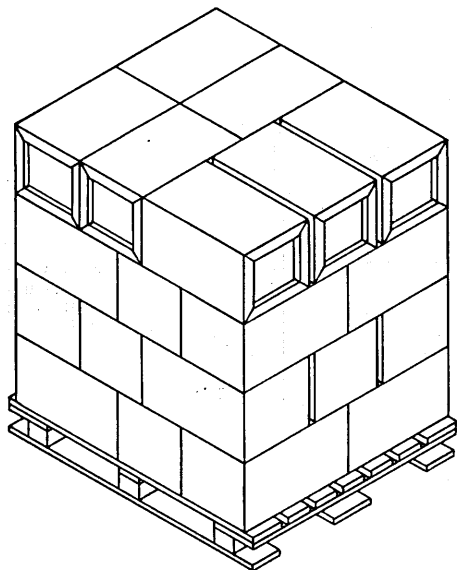
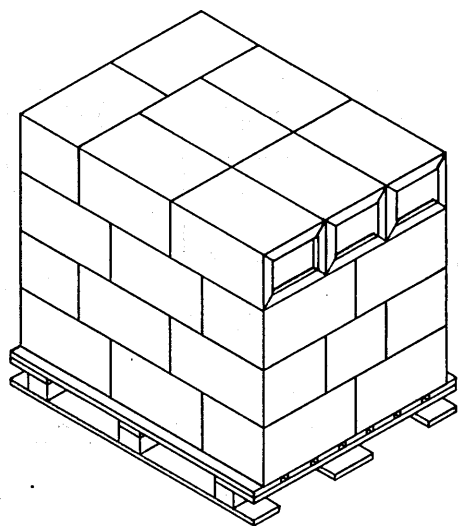
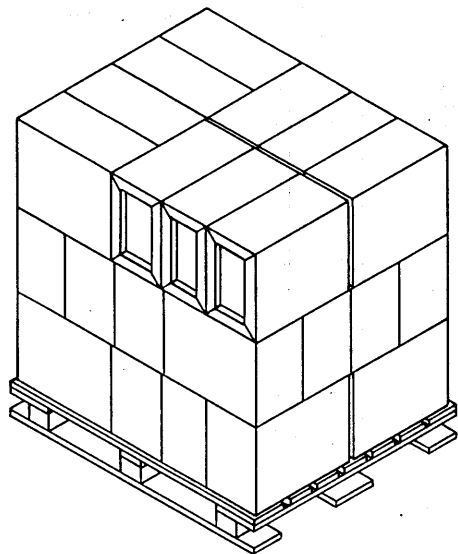
TYPICAL PALLET STACK
(BOXES IN 2 DIRECTIONS EACH LAYER)

TO PROVIDE STABILITY TO THE PALLET STACK, EACH LAYER OF BOXES SHOULD BE POSITIONED 180° FROM THE NEXT LOWER LAYER. SEE SPECIAL NOTE 5 BELOW.

SPECIAL NOTES:

1. A PALLET STACK IS A GROUP OF BOXES ARRANGED IN LAYERS PLACED ON A PALLET SO AS TO PERMIT HANDLING OF THE GROUP BY A SINGLE LIFT WITH A FORKLIFT TRUCK. TO FACILITATE HANDLING THE HEIGHT OF A PALLET STACK GENERALLY SHOULD NOT EXCEED 54".
2. THE PALLET STACKS, SHOWN HEREIN, TYPICALLY DEPICT 40" X 48", 4-WAY ENTRY TYPE PALLET. OTHER TYPES AND SIZES OF PALLET MAY BE USED IF AVAILABLE.
3. THE QUANTITY OF BOXES IN A PALLET STACK WILL DEPEND UPON THE SIZE OF THE BOXES TO BE STORED AND THE SIZE OF THE PALLET USED. HOWEVER, THE TOTAL WEIGHT OF THE PALLET STACK MUST NOT EXCEED THE WEIGHT CAPACITY OF THE FORKLIFT TRUCK.
4. WIREBOUND BOXES WILL NOT OVERHANG THE PALLET MORE THAN 1/2" ON ANY SIDE OF THE PALLET.
5. STEEL STRAPPING, 5/8" OR 3/4" WIDE MAY BE POSITIONED HORIZONTALLY AROUND THE TOP LAYER OF BOXES TO PROVIDE STABILITY TO THE PALLET STACK IN HANDLING AND IN STORAGE. HOWEVER, WHEN BOXES ARE STACKED IN ROWS ON A PALLET, ONE OR MORE STRAPS MAY BE USED TO ENCIRCLE THE STACK IN LIEU OF STRAPPING THE TOP LAYER.
6. FOR STORAGE OF WP AND PWP FILLED AMMUNITION, SEE GENERAL NOTE "5" ON PAGE 2.

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

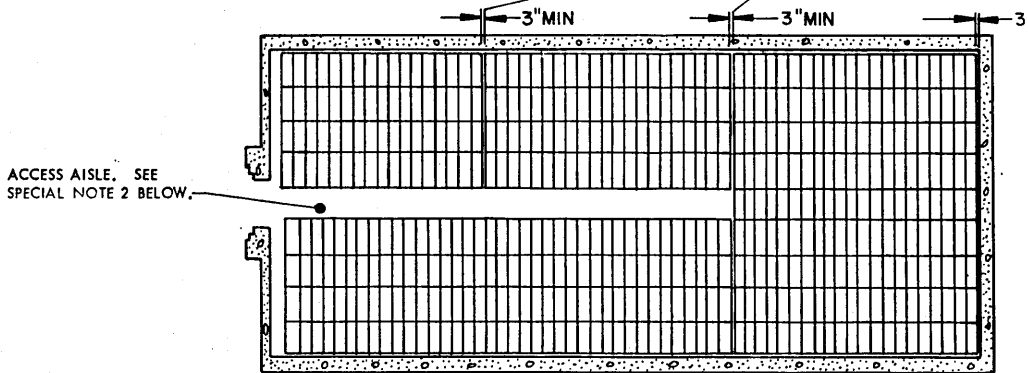


FOR DETAILS AND SPECIAL
NOTES SEE PAGE 14.

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

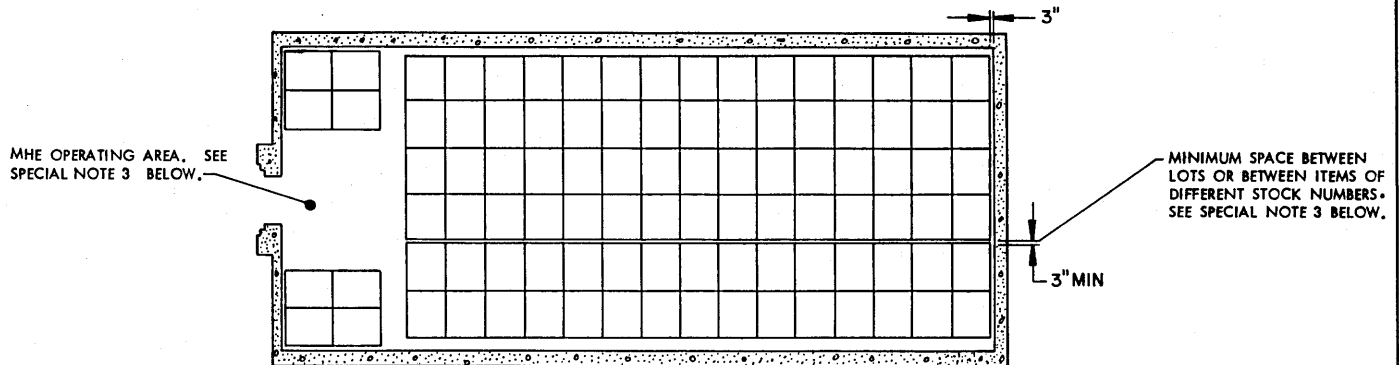
TYPICAL PALLET STACKS FOR WIREBOUND BOXES 24' OR LESS IN LENGTH OR WIDTH

SPACES BETWEEN LOTS OR BETWEEN ITEMS OF DIFFERENT STOCK NUMBERS. SEE SPECIAL NOTE 2 BELOW.



TYPICAL PLAN VIEW

FLOOR-DUNNAGE METHOD OF STORAGE
IN ARCH-TYPE MAGAZINE.



TYPICAL PLAN VIEW

SHORT-DUNNAGE METHOD OR PALLET
METHOD OF STORAGE IN ARCH-TYPE
MAGAZINE.

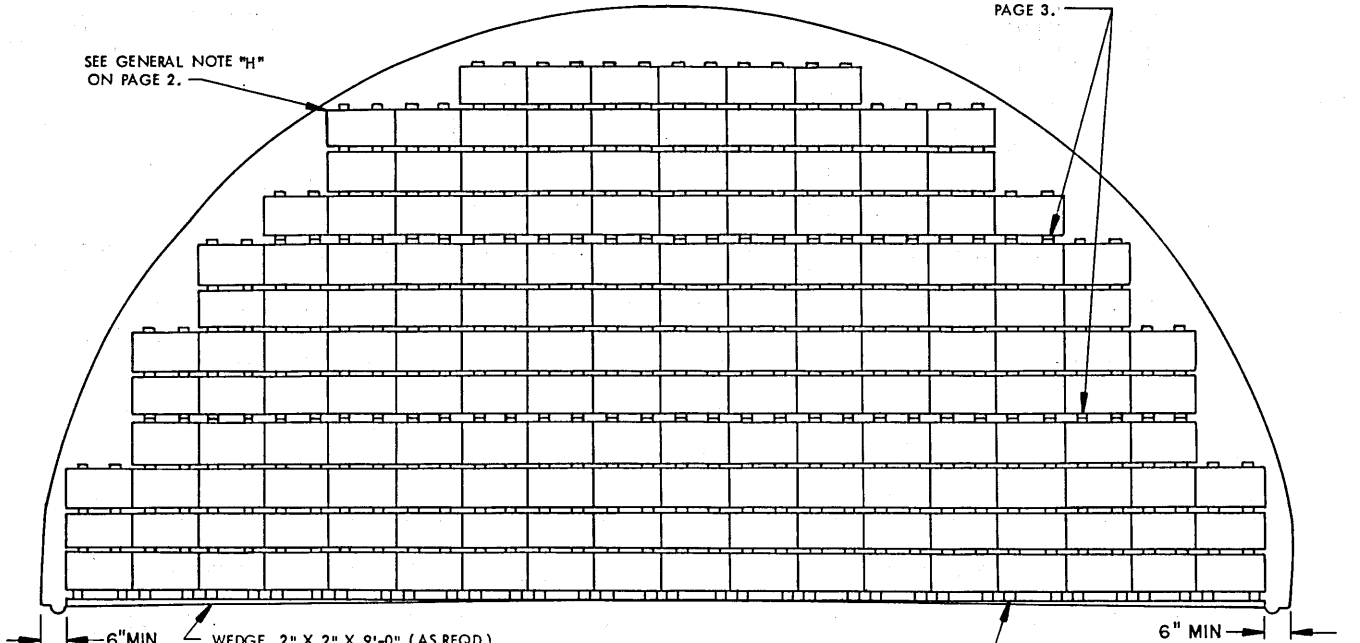
SPECIAL NOTES:

1. THE PLAN VIEWS TYPICALLY DEPICT STORAGE IN ARCH-TYPE MAGAZINES BUT PLANS MAY BE ADAPTED AS REQUIRED FOR STORAGE IN OTHER TYPES OF APPROVED MAGAZINES.
2. WHEN THE FLOOR-DUNNAGE METHOD OF STORAGE IS USED, AND THE ITEMS CONTAIN MORE THAN ONE LOT, THE LOTS WILL BE SEPARATED BY A 3" MINIMUM SPACE AND EACH LOT MUST BE ACCESSIBLE FROM AN AISLE TO PERMIT REMOVAL OF A LOT WITHOUT HANDLING OR RELOCATING ITEMS OF ANOTHER LOT. THE SPACING AND ACCESSIBILITY CRITERIA ALSO APPLY TO COMPATIBLE ITEMS WITH DIFFERENT NATIONAL STOCK NUMBERS BEING STORED IN THE SAME MAGAZINE WHEN USING THE FLOOR-DUNNAGE METHOD.
3. IF THE SHORT-DUNNAGE METHOD OR PALLET METHOD OF STORAGE IS USED, MULTIPLE LOTS OR ITEMS WITH DIFFERENT STOCK NUMBERS WILL BE STORED IN ACCORDANCE WITH CRITERIA SPECIFIED IN THE SPECIAL NOTES ON PAGES 25 AND 26.
4. ADDITIONAL STORAGE PATTERNS FOR MULTIPLE LOTS OR FOR ITEMS WITH DIFFERENT STOCK NUMBERS ARE SPECIFIED ON PAGES 25 AND 26.

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

LONGITUDINAL DUNNAGE, 1" X 2" BY LENGTH TO SUIT, EVERY 4TH LAYER. POSITION ON BOX CLEATS AS SHOWN. SEE THE "TYPICAL STACK" DETAIL AND SPECIAL NOTE 2 ON PAGE 3.

SEE GENERAL NOTE "H" ON PAGE 2.



WEDGE, 2" X 2" X 9'-0" (AS REQD). SEE "WEDGE DETAIL" AND "POSITIONING OF WEDGES DETAIL" ON PAGE 3.

FLOOR DUNNAGE, 2" X 2" BY LENGTH TO SUIT. SEE THE "TYPICAL STACK" DETAIL AND SPECIAL NOTE 1 ON PAGE 3.

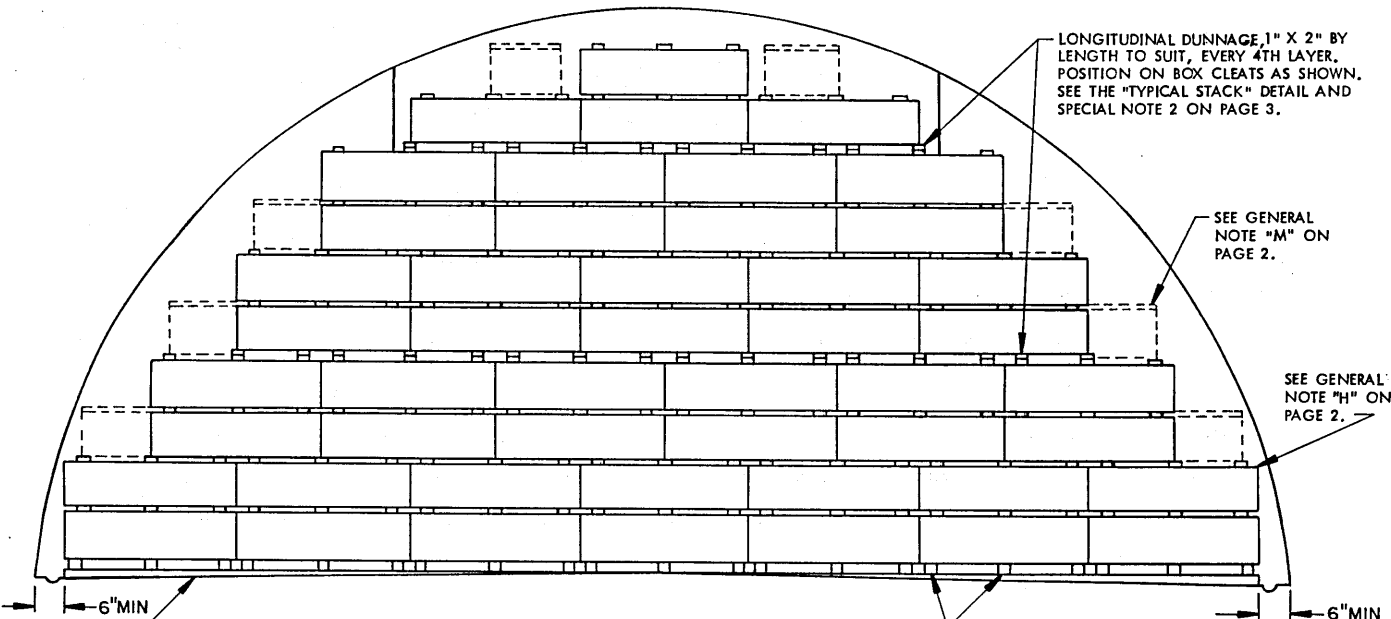
TYPICAL STACK ELEVATION

(26'-6" W X 12'-9" H IGLOO MAGAZINE)

LONGITUDINAL DUNNAGE, 1" X 2" BY LENGTH TO SUIT, EVERY 4TH LAYER. POSITION ON BOX CLEATS AS SHOWN. SEE THE "TYPICAL STACK" DETAIL AND SPECIAL NOTE 2 ON PAGE 3.

SEE GENERAL NOTE "M" ON PAGE 2.

SEE GENERAL NOTE "H" ON PAGE 2.



WEDGE, 2" X 2" X 9'-0" (AS REQD). SEE "WEDGE DETAIL" AND "POSITIONING OF WEDGES DETAIL" ON PAGE 3.

FLOOR DUNNAGE 2" X 2" BY LENGTH TO SUIT. SEE THE "TYPICAL STACK" DETAIL AND SPECIAL NOTE 1 ON PAGE 3.

TYPICAL STACK ELEVATION

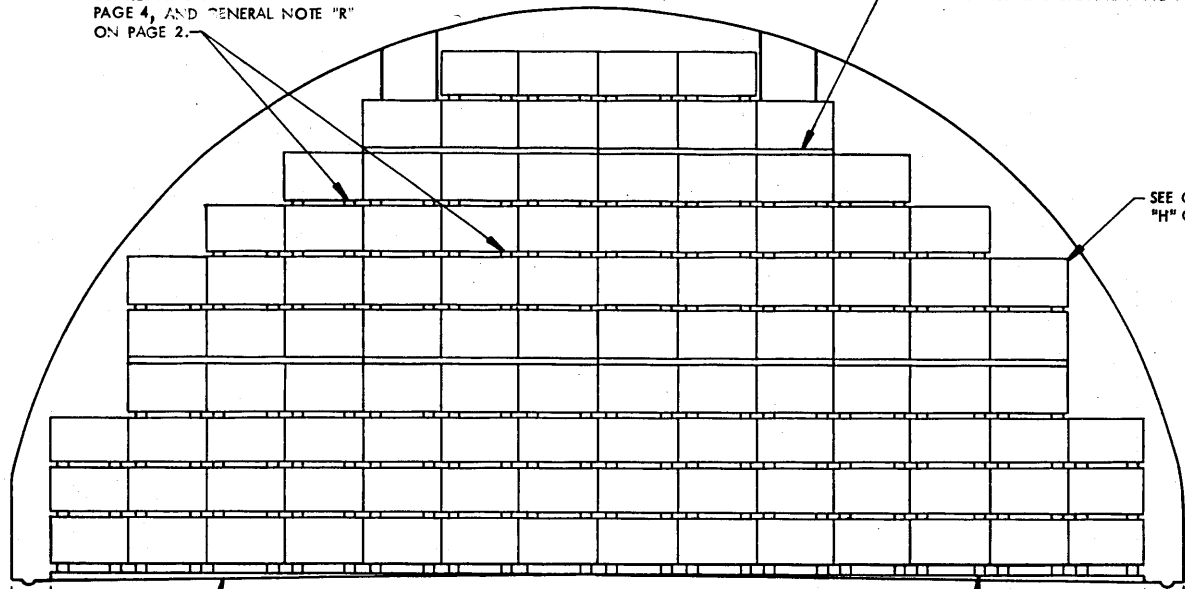
(26'-6" W X 12'-1-3/4" H ARCH-TYPE MAGAZINE)

FOR "GENERAL NOTES", AND "MATERIAL SPECIFICATIONS", SEE PAGE 2. FOR "TYPICAL PLAN VIEWS", SEE PAGE 16.

LONGITUDINAL DUNNAGE, 1" X 2" BY LENGTH TO SUIT ON ALL LAYERS EXCEPT EVERY 4TH LAYER AND PARALLEL TO SIDEWALL OF MAGAZINE. SEE THE "BOX POSITION 2" AND THE "TYPICAL STACK" DETAILS AND SPECIAL NOTE 2 ON PAGE 4, AND GENERAL NOTE "R" ON PAGE 2.

LATERAL DUNNAGE, 1" X 2" BY LENGTH TO SUIT EVERY 4TH LAYER PERPENDICULAR TO SIDEWALL OF MAGAZINE. SEE THE "BOX POSITION 2" AND THE "TYPICAL STACK" DETAILS AND SPECIAL NOTE 3 ON PAGE 4.

SEE GENERAL NOTE "H" ON PAGE 2.



TYPICAL STACK ELEVATION

(25'-0" W X 12'-1-3/4" H ARCH-TYPE MAGAZINE)

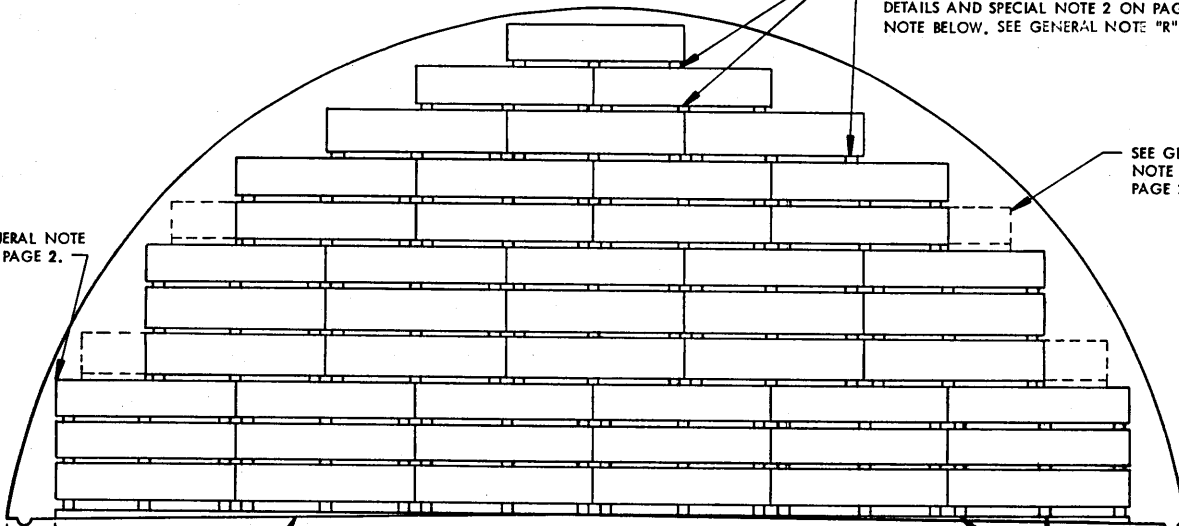
WEDGE, 2" X 2" X 9'-0" (AS REQD). SEE "WEDGE DETAIL" AND "POSITIONING OF WEDGES DETAIL" ON PAGE 3.

FLOOR DUNNAGE, 2" X 2" BY LENGTH TO SUIT. SEE THE "BOX POSITION 2" AND THE "TYPICAL STACK" DETAILS AND SPECIAL NOTE 1 ON PAGE 4.

LONGITUDINAL DUNNAGE, 1" X 2" BY LENGTH TO SUIT EVERY LAYER PARALLEL TO SIDEWALL OF MAGAZINE. SEE THE "BOX POSITION 3" AND THE "TYPICAL STACK" DETAILS AND SPECIAL NOTE 2 ON PAGE 4. ALSO, SEE NOTE BELOW. SEE GENERAL NOTE "R" ON PAGE 2.

SEE GENERAL NOTE "M" ON PAGE 2.

SEE GENERAL NOTE "H" ON PAGE 2.



TYPICAL STACK ELEVATION

(25'-0" W X 11'-0" H ARCH-TYPE MAGAZINE)

WEDGE, 2" X 2" X 9'-0" (AS REQD). SEE "WEDGE DETAIL" AND "POSITIONING OF WEDGES DETAIL" ON PAGE 3.

NOTE: IN ARCH-TYPE MAGAZINES WHEN STORING BOXES 36" OR MORE IN LENGTH, THE STORAGE DENSITY WITHIN A MAGAZINE MAY BE INCREASED BY STAGGERING SOME OF THE LAYERS WITHIN EACH STACK AS TYPICALLY SHOWN ABOVE.

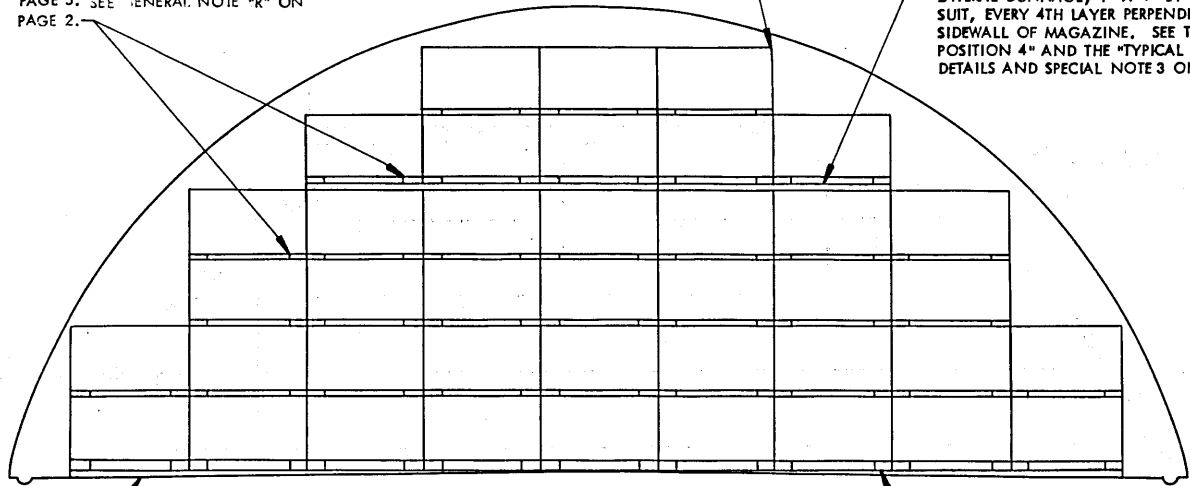
FLOOR DUNNAGE, 2" X 2" BY LENGTH TO SUIT. SEE THE "BOX POSITION 3" AND THE "TYPICAL STACK" DETAILS AND SPECIAL NOTE 1 ON PAGE 4.

FOR "GENERAL NOTES", AND "MATERIAL SPECIFICATIONS", SEE PAGE 2. FOR "TYPICAL PLAN VIEWS", SEE PAGE 16.

LONGITUDINAL DUNNAGE, 1" X 4" BY LENGTH TO SUIT, EVERY LAYER PARALLEL TO SIDEWALL OF MAGAZINE. SEE THE "BOX POSITION 4" AND THE "TYPICAL STACK" DETAILS AND SPECIAL NOTE 2 ON PAGE 5. SEE GENERAL NOTE "R" ON PAGE 2.

SEE GENERAL NOTE "H" ON PAGE 2.

LATERAL DUNNAGE, 1" X 4" BY LENGTH TO SUIT, EVERY 4TH LAYER PERPENDICULAR TO SIDEWALL OF MAGAZINE. SEE THE "BOX POSITION 4" AND THE "TYPICAL STACK" DETAILS AND SPECIAL NOTE 3 ON PAGE 5.



WEDGE, 2" X 2" X 9'-0" (AS REQD). SEE "WEDGE DETAIL" AND "POSITIONING OF WEDGES DETAIL" ON PAGE 3.

TYPICAL STACK ELEVATION
(25'-0" W X 10'-0" H ARCH-TYPE MAGAZINE)

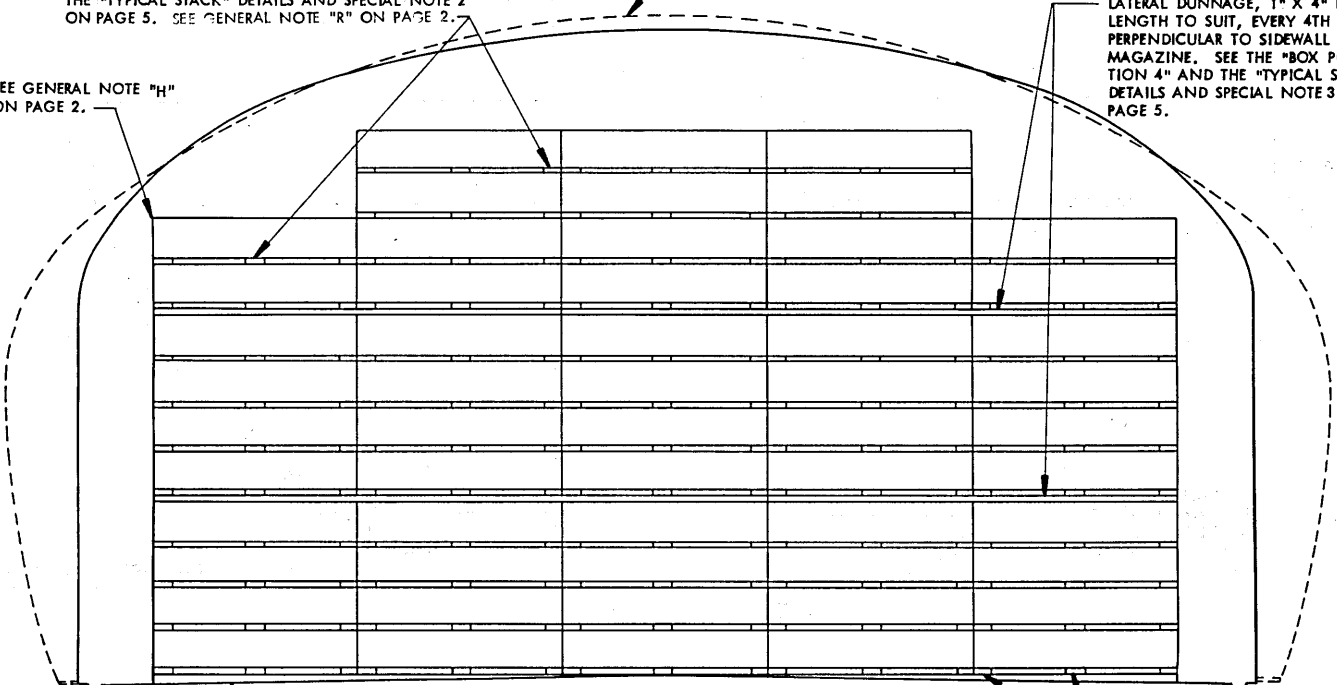
FLOOR DUNNAGE, 2" X 4" BY LENGTH TO SUIT. SEE THE "BOX POSITION 4" AND THE "TYPICAL STACK" DETAILS AND SPECIAL NOTE 1 ON PAGE 5.

LONGITUDINAL DUNNAGE, 1" X 4" BY LENGTH TO SUIT, EVERY LAYER PARALLEL WITH SIDEWALL OF MAGAZINE. SEE THE "BOX POSITION 4" AND THE "TYPICAL STACK" DETAILS AND SPECIAL NOTE 2 ON PAGE 5. SEE GENERAL NOTE "R" ON PAGE 2.

INDICATES OUTLINE OF OVAL ARCH MAGAZINE.

SEE GENERAL NOTE "H" ON PAGE 2.

LATERAL DUNNAGE, 1" X 4" BY LENGTH TO SUIT, EVERY 4TH LAYER PERPENDICULAR TO SIDEWALL OF MAGAZINE. SEE THE "BOX POSITION 4" AND THE "TYPICAL STACK" DETAILS AND SPECIAL NOTE 3 ON PAGE 5.

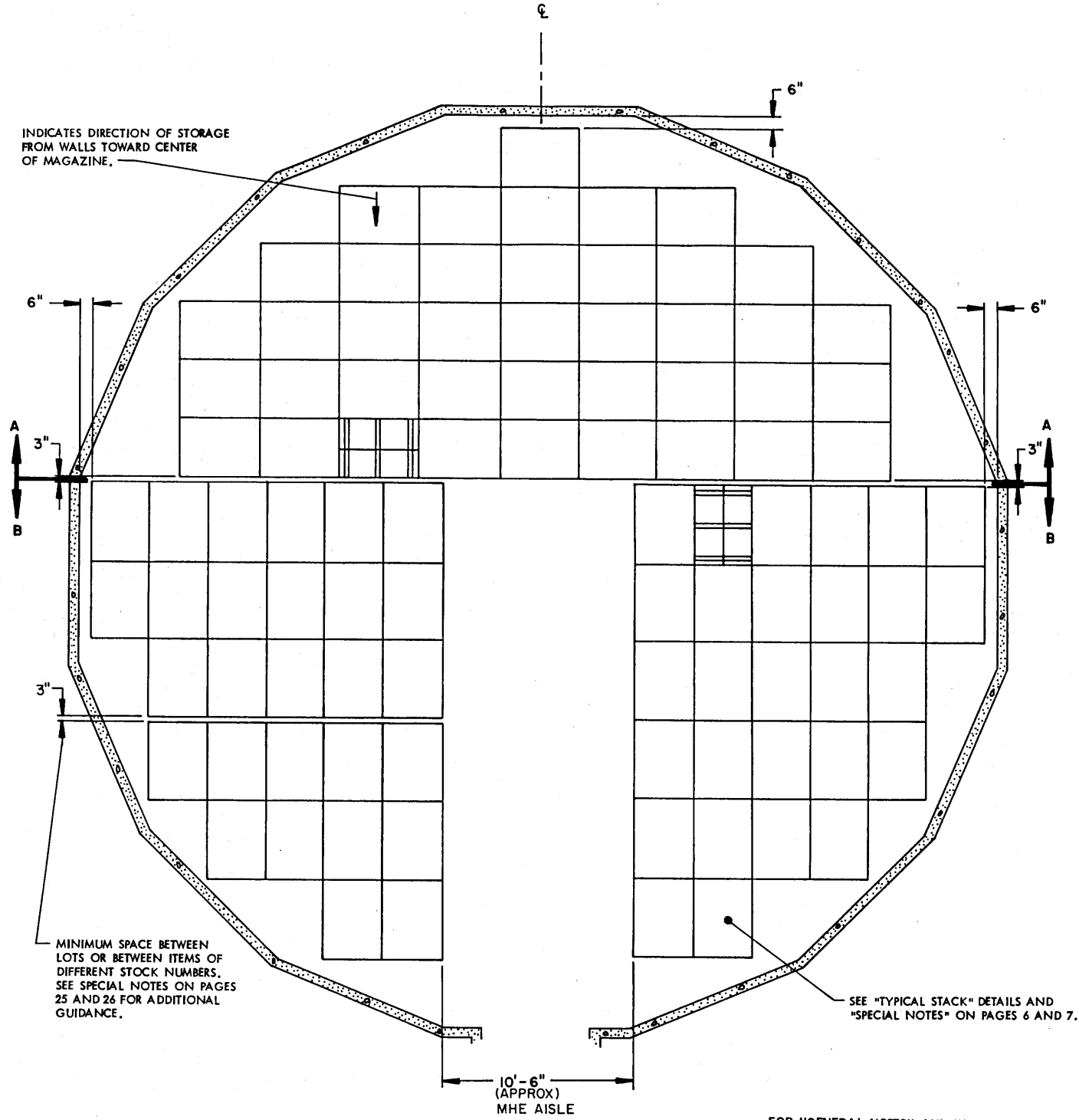


WEDGE, 2" X 2" X 9'-0" (AS REQD). SEE "WEDGE DETAIL" AND "POSITIONING OF WEDGES DETAIL" ON PAGE 3.

TYPICAL STACK ELEVATION
(25'-0" W X 14'-0" H STRADLEY MAGAZINE)
OR
(24'-10" W X 14'-4" H OVAL ARCH MAGAZINE)

FLOOR DUNNAGE, 2" X 4" BY LENGTH TO SUIT. SEE THE "BOX POSITION 4" AND THE "TYPICAL STACK" DETAILS AND SPECIAL NOTE 1 ON PAGE 5.

FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS" SEE PAGE 2. FOR "TYPICAL PLAN VIEWS" SEE PAGE 16.



INDICATES DIRECTION OF STORAGE FROM WALLS TOWARD CENTER OF MAGAZINE.

MINIMUM SPACE BETWEEN LOTS OR BETWEEN ITEMS OF DIFFERENT STOCK NUMBERS. SEE SPECIAL NOTES ON PAGES 25 AND 26 FOR ADDITIONAL GUIDANCE.

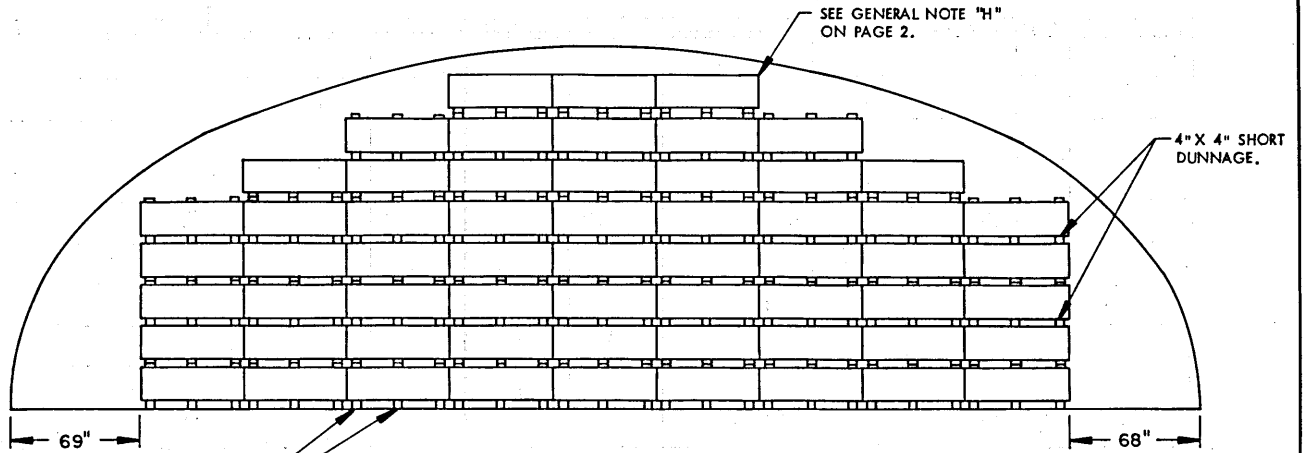
SEE "TYPICAL STACK" DETAILS AND "SPECIAL NOTES" ON PAGES 6 AND 7.

10'-6" (APPROX) MHE AISLE

TYPICAL PLAN VIEW

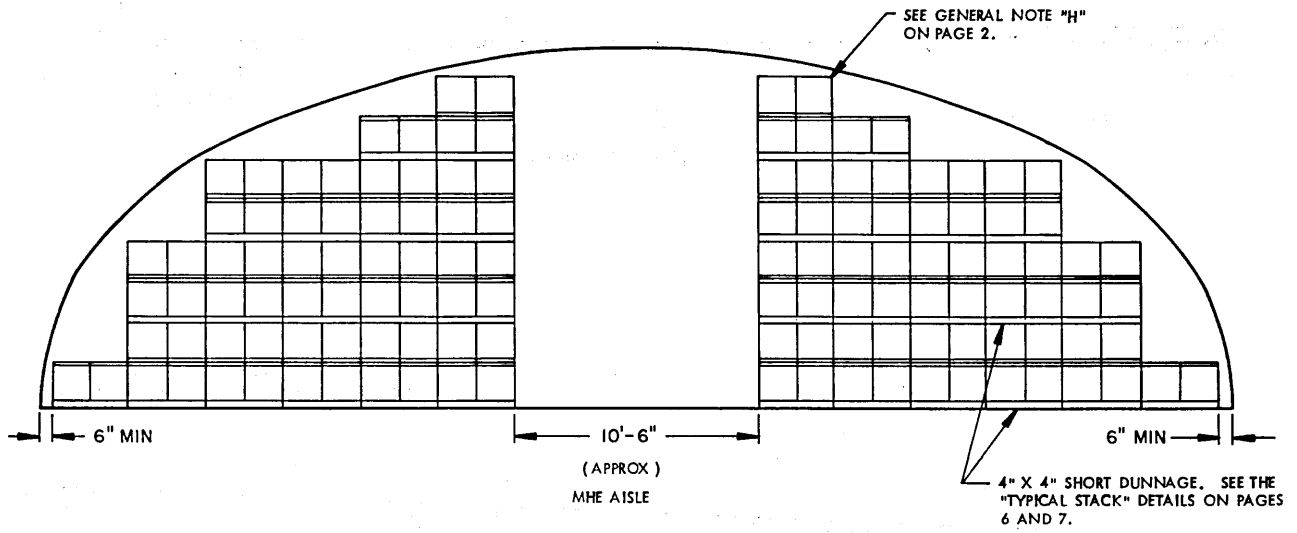
(52' DIA CORBETTA MAGAZINE)

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



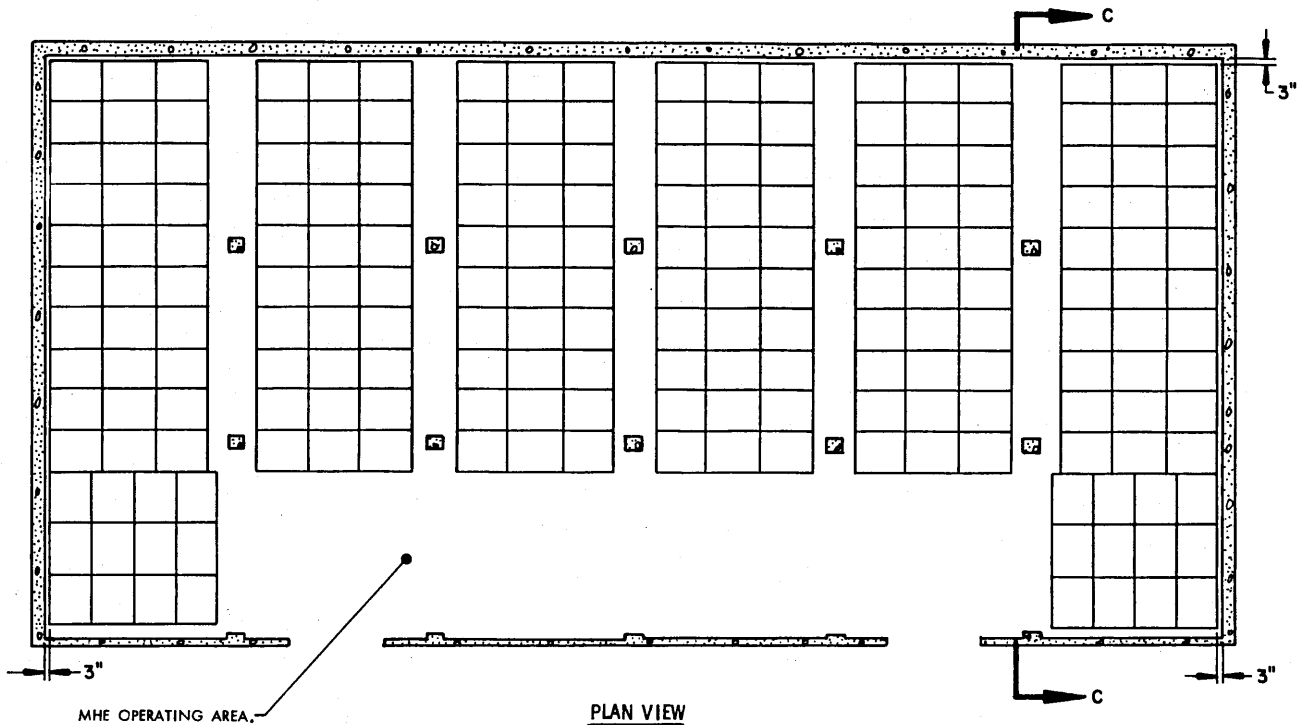
4" X 4" SHORT DUNNAGE.
SEE THE "TYPICAL STACK"
DETAILS AND SPECIAL
NOTES ON PAGES
6 AND 7.

TYPICAL STACK ELEVATION A
(52' DIA CORBETTA MAGAZINE)



TYPICAL STACK ELEVATION B
(52' DIA CORBETTA MAGAZINE)

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

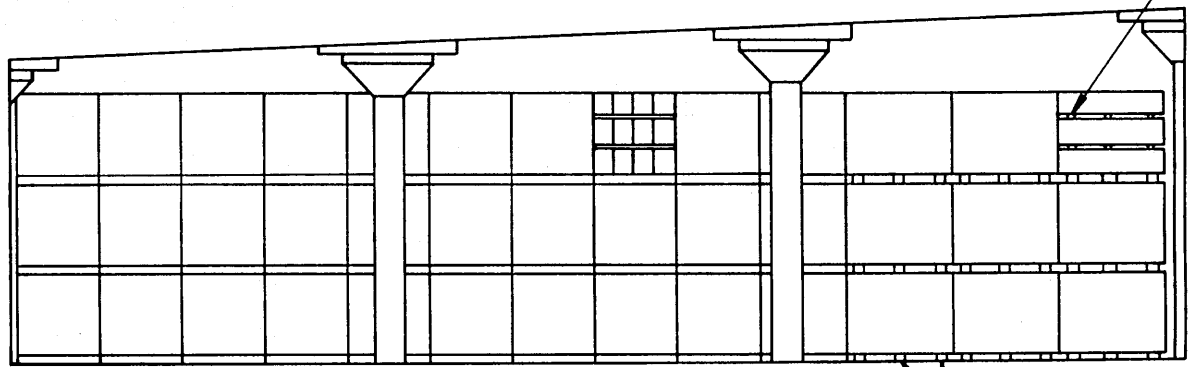


MHE OPERATING AREA.

PLAN VIEW

(100'-8" L X 50'-0" W RECTANGULAR MAGAZINE).

INTERMEDIATE DUNNAGE, 1" X 2" BY LENGTH TO SUIT. SEE "TYPICAL STACK" DETAILS AND SPECIAL NOTES ON PAGES 8 AND 9. SEE GENERAL NOTE "R" ON PAGE 2.



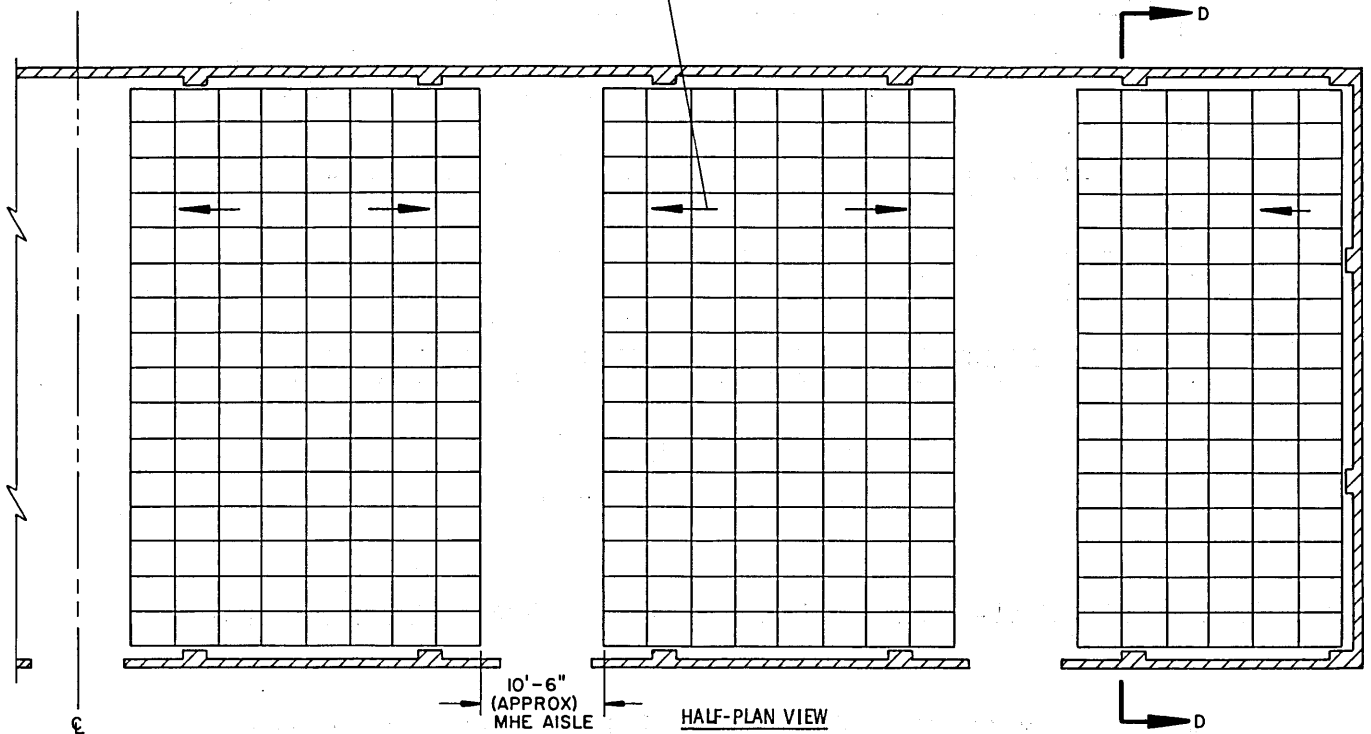
TYPICAL STACK ELEVATION C

(100'-8" L X 50'-0" W RECTANGULAR MAGAZINE).

4" X 4" SHORT DUNNAGE. SEE "TYPICAL STACK" DETAILS ON PAGES 8 AND 9.

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

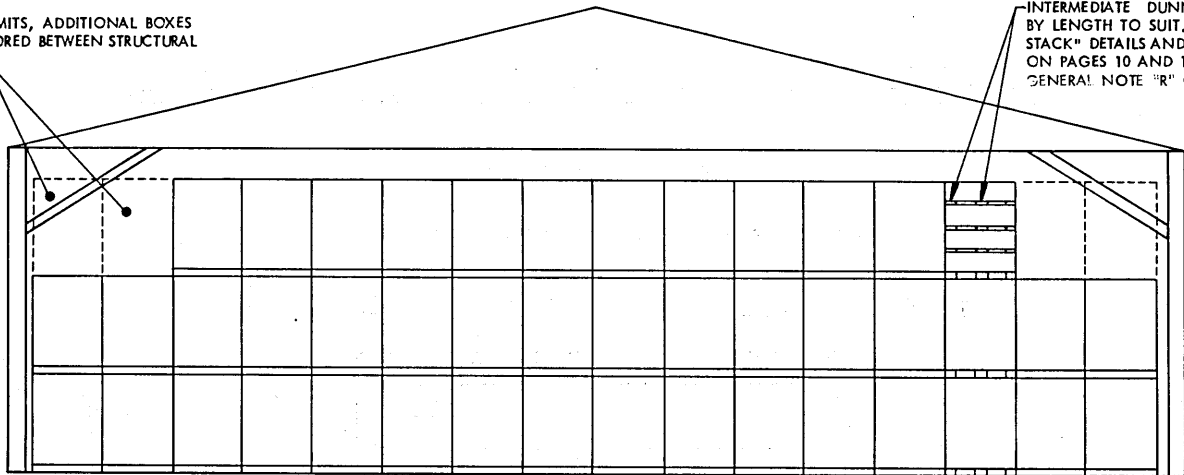
INDICATES DIRECTION OF STORAGE.



(217'-4" L X 50'-3" W STANDARD ABOVE-GROUND MAGAZINE).

IF MHE PERMITS, ADDITIONAL BOXES MAY BE STORED BETWEEN STRUCTURAL BRACES.

INTERMEDIATE DUNNAGE, 1" X 4" BY LENGTH TO SUIT. SEE "TYPICAL STACK" DETAILS AND SPECIAL NOTES ON PAGES 10 AND 11. SEE GENERAL NOTE "R" ON PAGE 2.

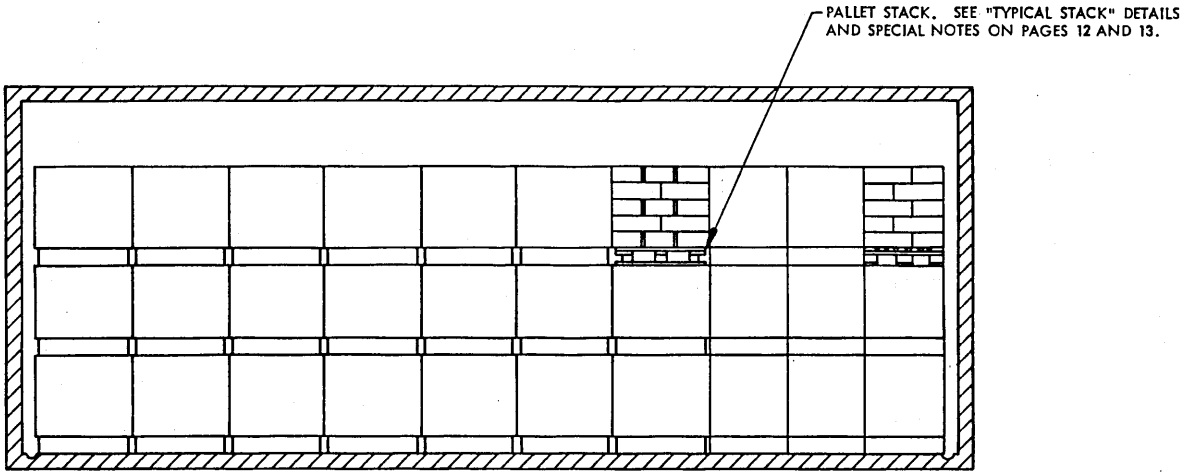


TYPICAL STACK ELEVATION D

(217'-4" L X 50'-3" W STANDARD ABOVE-GROUND MAGAZINE).

4" X 4" SHORT DUNNAGE. SEE "TYPICAL STACK" DETAILS AND SPECIAL NOTES ON PAGES 10 AND 11.

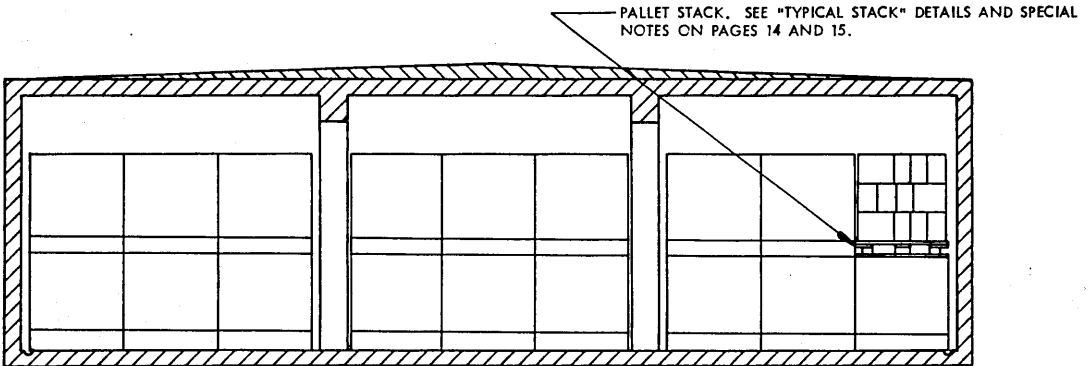
FOR "GENERAL NOTES", "MATERIAL SPECIFICATIONS" SEE PAGE 2.



TYPICAL STACK ELEVATION

(60'-0" L X 40'-0" W TYPE II RECTANGULAR MAGAZINE)

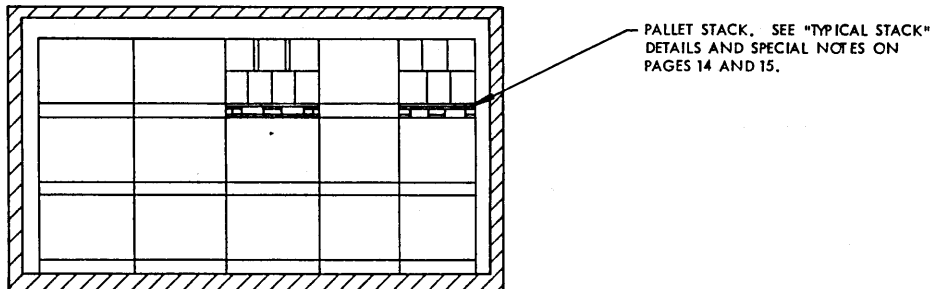
STORAGE PROCEDURES ON PALLETS FOR NAILED WOODEN BOXES 27" OR LESS IN LENGTH OR WIDTH, WITH OR WITHOUT CLEATS



TYPICAL STACK ELEVATION

(60'-0" L X 40'-0" W TYPE III RECTANGULAR MAGAZINE)

STORAGE PROCEDURES ON PALLETS FOR WIREBOUND BOXES 24" OR LESS IN LENGTH OR WIDTH

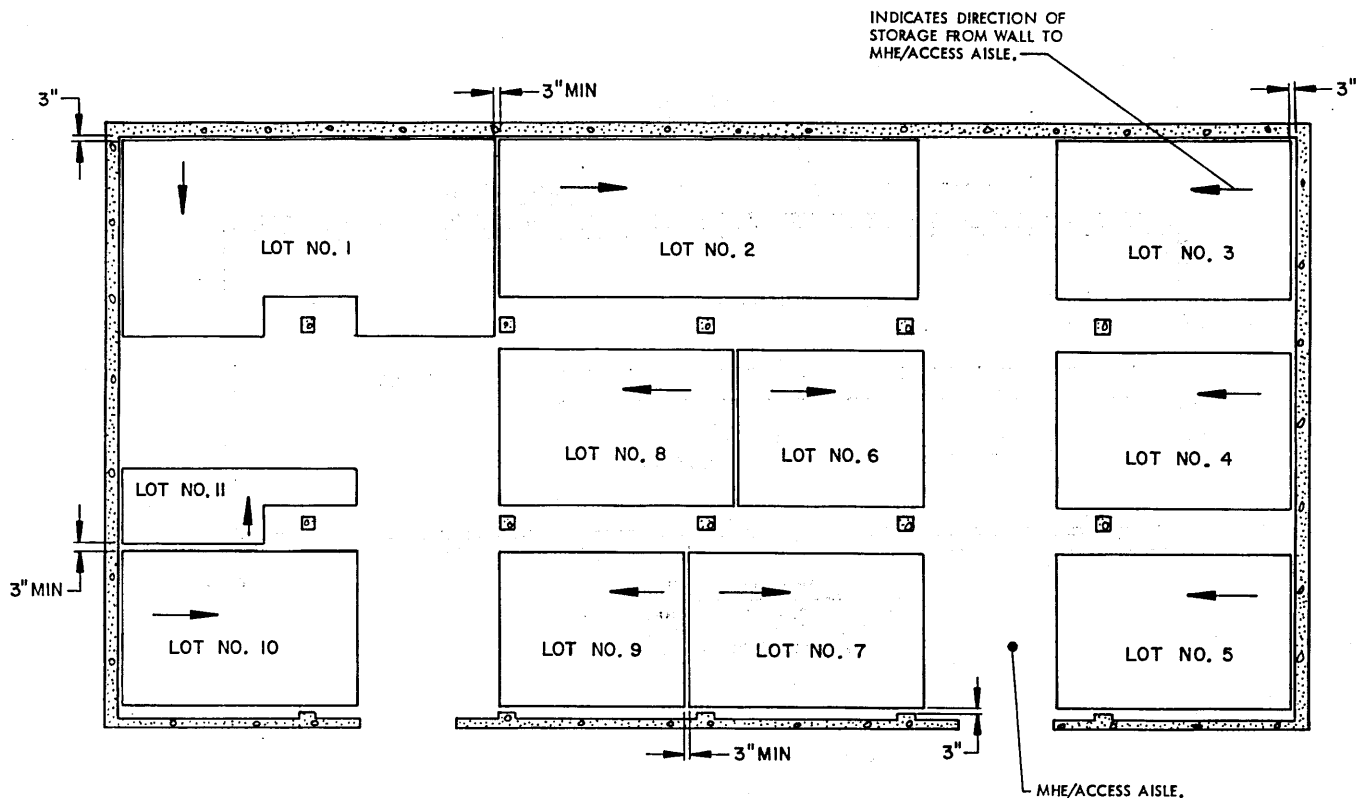


TYPICAL STACK ELEVATION

(40'-0" L X 20'-0" W TYPE IV RECTANGULAR MAGAZINE)

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

STORAGE PROCEDURES ON PALLETS FOR WIREBOUND BOXES 24" OR LESS IN LENGTH OR WIDTH



TYPICAL PLAN VIEW

(100'-8" L X 50'-0" W RECTANGULAR MAGAZINE)
STORAGE ON FLOOR DUNNAGE, ON SHORT
DUNNAGE OR ON PALLETS.

SPECIAL NOTES:

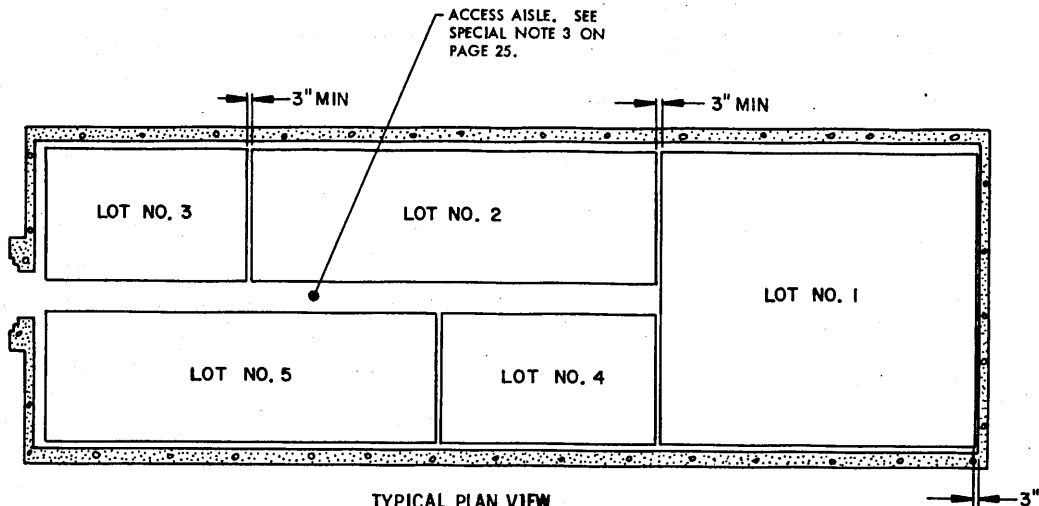
1. THE STORAGE PLANS AND CONFIGURATIONS SHOWN ON THIS PAGE AND ON PAGE 26 ARE TYPICAL ONLY AND APPLY TO RELATIVELY LARGE LOTS. ADAPTATIONS MAY BE MADE AS NUMBER AND SIZES OF LOTS TO BE STORED IN A MAGAZINE REQUIRE. THE STORAGE PLANS MAY ALSO BE ADAPTED AS REQUIRED FOR STORAGE IN OTHER APPROVED MAGAZINES.
2. AN INSPECTION/INVENTORY AISLE MUST BE PROVIDED AT ONE SIDE OR END OF EACH LOT.
3. WHEN THE FLOOR-DUNNAGE METHOD OF STORAGE IS USED, AND THE ITEMS CONTAIN MORE THAN ONE LOT, AN ACCESS AISLE OF ADEQUATE WIDTH MUST BE PROVIDED TO PERMIT REMOVAL OF BOXES FROM ANY LOT WITHOUT REMOVING OR RELOCATING BOXES OF ANOTHER LOT.
4. THE SHORT-DUNNAGE METHOD OR THE PALLET-METHOD OF STORING ITEMS WILL REQUIRE ACCESS TO EACH LOT WITHIN THE MAGAZINE FOR MOVEMENT BY MHE. A SINGLE-LOT OF ITEMS IS CONSIDERED "ACCESSIBLE" IF NO MORE THAN TWELVE (12) "LIFTS" OF ANOTHER LOT OR LOTS HAVE TO BE MADE TO GAIN ACCESS TO THAT LOT. A "LIFT" MAY CONSIST OF ONE (1) OR MORE UNIT STACKS OR PALLET STACKS, PROVIDING THE CAPACITY OF MHE PERMITS, AND SAFE HANDLING IS NOT JEOPARDIZED. IN A 100'-8" L X 50'-0" W RECTANGULAR MAGAZINE OR A STANDARD ABOVE-GROUND MAGAZINE, UP TO TWENTY-FOUR (24) LIFTS MAY BE MADE TO GAIN ACCESS TO A LOT.
5. 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. A CENTER 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.
6. FOR STORAGE OF MULTIPLE LOTS, THE DISTANCE FROM THE SIDEWALL WILL BE BASED ON THE OVERHEAD CLEARANCE REQUIRED FOR MHE.

(CONTINUED AT RIGHT)

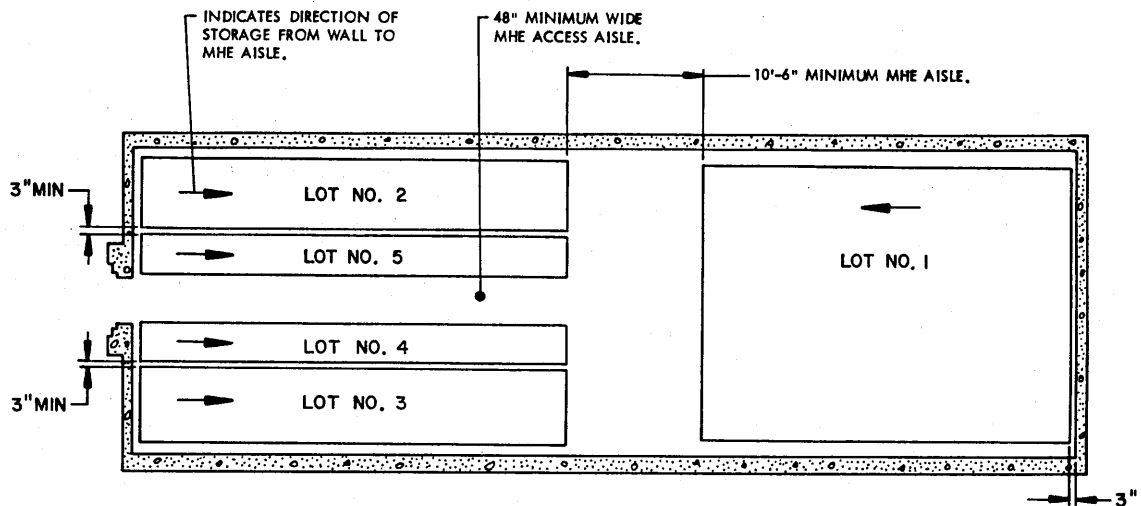
(SPECIAL NOTES CONTINUED)

7. WHEN TWO LOTS ARE STORED ADJACENT TO EACH OTHER, THEY SHOULD BE SEPARATED BY AT LEAST 3" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER LOT.
8. THESE SPECIAL NOTES ALSO APPLY TO COMPATIBLE ITEMS WITH DIFFERENT STOCK NUMBERS WHEN STORED IN THE SAME MAGAZINE.
9. SEE THE GENERAL NOTES ON PAGE 2 FOR ADDITIONAL STORAGE REQUIREMENTS FOR SOME ITEMS.

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



TYPICAL PLAN VIEW
 (81'-0" L X 26'-6" W IGLOO MAGAZINE)
 STORAGE ON FLOOR DUNNAGE.
 SEE SPECIAL NOTES ON PAGE 25.



TYPICAL PLAN VIEW
 (81'-0" L X 26'-6" W IGLOO MAGAZINE)
 STORAGE ON SHORT DUNNAGE OR ON PALLETS.
 SEE SPECIAL NOTES ON PAGE 25.

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