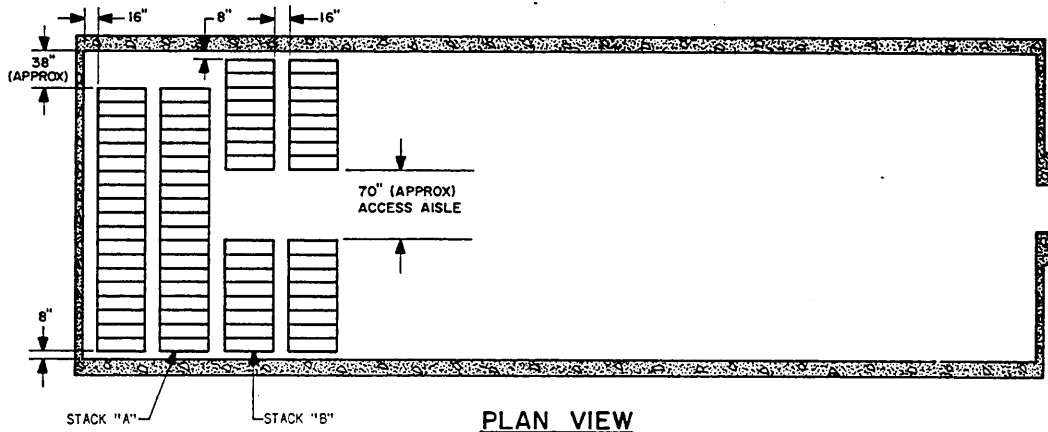


# STORAGE IN IGLOO AND STRADLEY MAGAZINES OF BOMB WITHOUT SHIPPING BANDS, GP, 500 LB, AN-M64AIBI

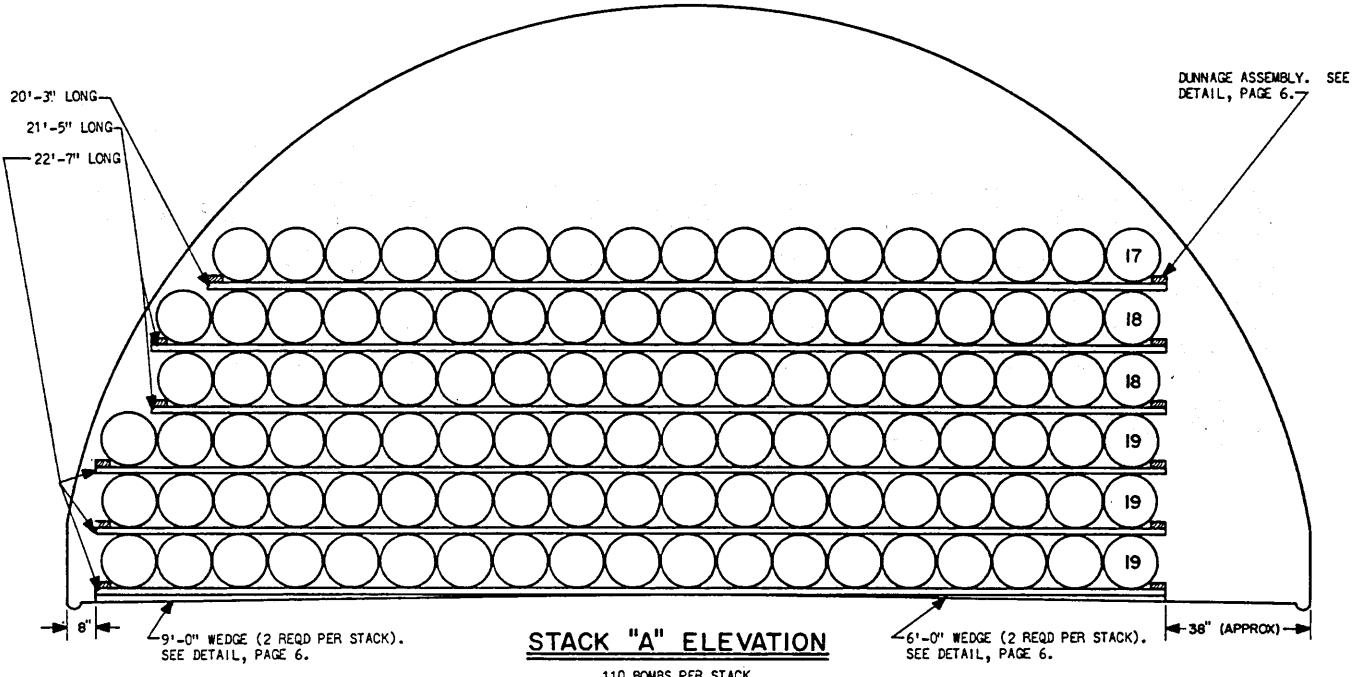
DRAFTSMAN EGG/RGM	PROJ ENG RP/RCM	APSA PmeH	SUBMITTED <i>B. B. Abrams</i>	
CHECKER WBH/RHA	SNC ASST D.F.H.		COMMANDING OFFICER, SAVANNA ARMY DEPOT	
REVISIONS			EXAMINED AND APPROVED <i>Ralph Hall</i>	
			AMMUNITION PROCUREMENT & SUPPLY AGENCY	
			APPROVED BY ORDER OF COMMANDING GENERAL U. S. ARMY MATERIEL COMMAND	
			<i>Paul...</i>	
			U. S. ARMY MATERIEL COMMAND	
			9 MAY 1966	
			CLASS	DIVISION
			DRAWING	FILE
			19	48
			4054	I-1481000

DO NOT SCALE



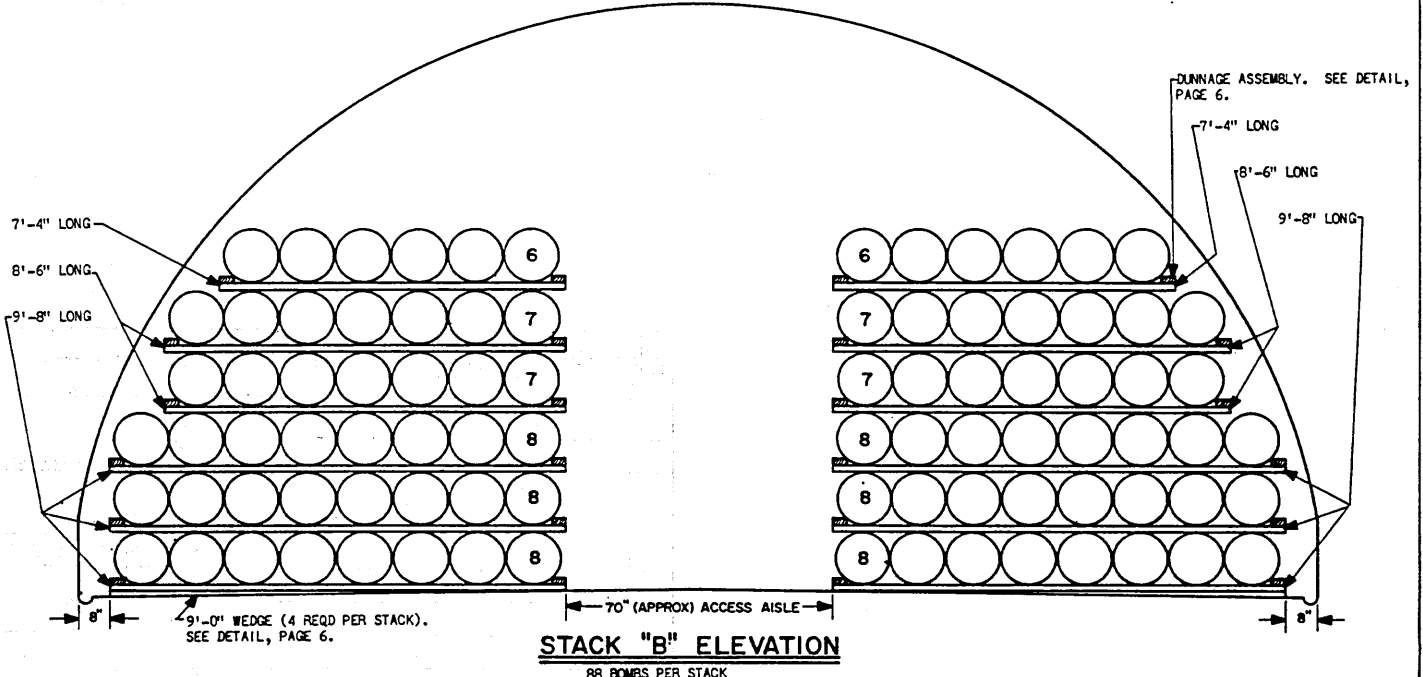
**PLAN VIEW**

80' 1 Q.00



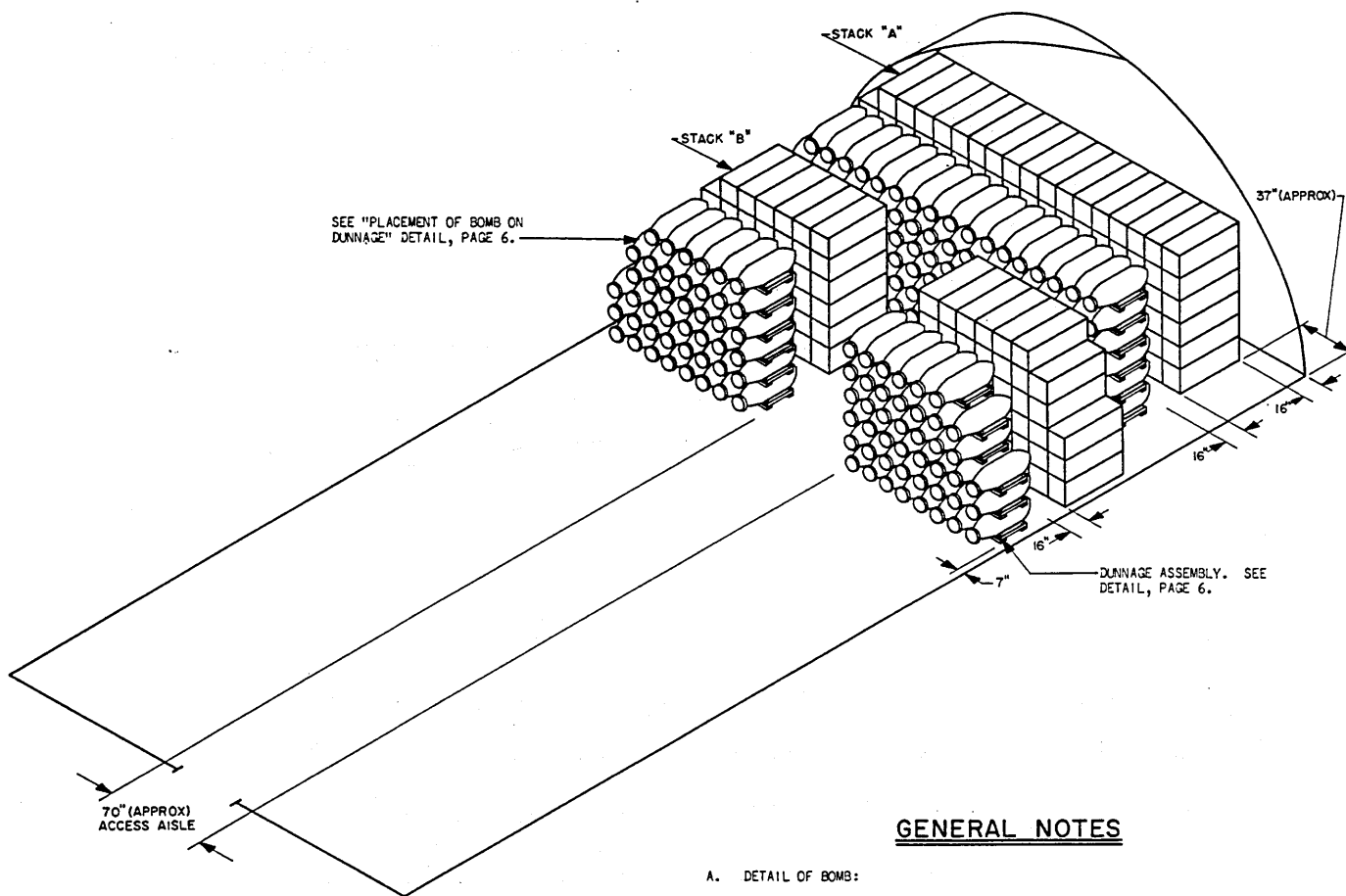
**STACK "A" ELEVATION**

110 BOMBS PER STACK



**STACK "B" ELEVATION**

88 BOMBS PER STACK



**ISOMETRIC VIEW**

60' 1 Q.00

**GENERAL NOTES**

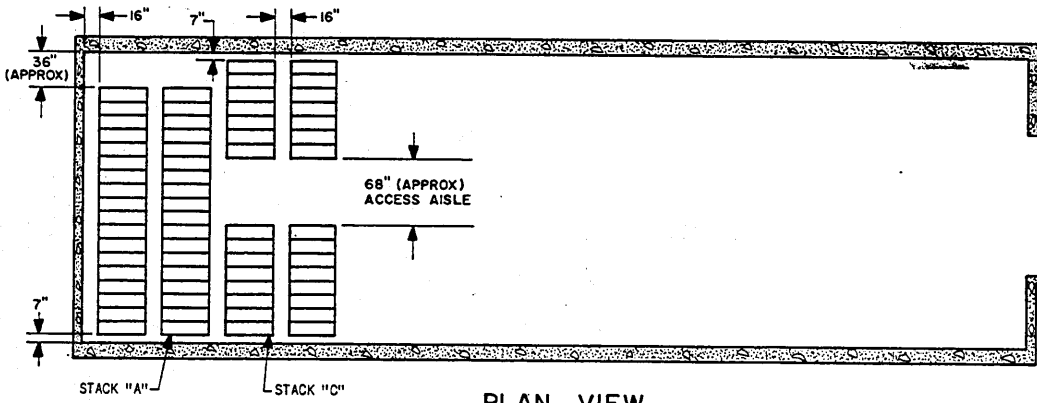
- A. DETAIL OF BOMB:  
 DIMENSIONS ----- DIAMETER 14.125" X 47.52" LONG.  
 GROSS WEIGHT ----- 574 POUNDS (APPROX).  
 EXPLOSIVE WEIGHT ----- 283 POUNDS (APPROX).
- B. AISLE DIMENSIONS SHOWN HEREIN MAY BE ADJUSTED TO SUIT LOCAL CONDITIONS AND/OR AVAILABLE MATERIAL HANDLING EQUIPMENT.
- C. STORED BOMBS MUST NOT CONTACT WALLS OF MAGAZINE.
- D. CARE IS TO BE EXERCISED WHEN STORING SO THAT THE EXPLOSIVE LIMIT FOR THE MAGAZINE IS NOT EXCEEDED.

BILL OF MATERIAL (PER STACK)			
STACK	LUMBER	LINEAL FEET	BOARD FEET
"A"	2" X 4"	284	189
"B"	2" X 4"	257	171
	NAILS	NO. REQD	POUNDS
"A"	12d (3-1/4")	72	1-1/4
"B"	12d (3-1/4")	144	2-1/2
"A"	6'-0" WEDGES - 2 REQD 9'-0" WEDGES - 2 REQD		
"B"	9'-0" WEDGES - 4 REQD		

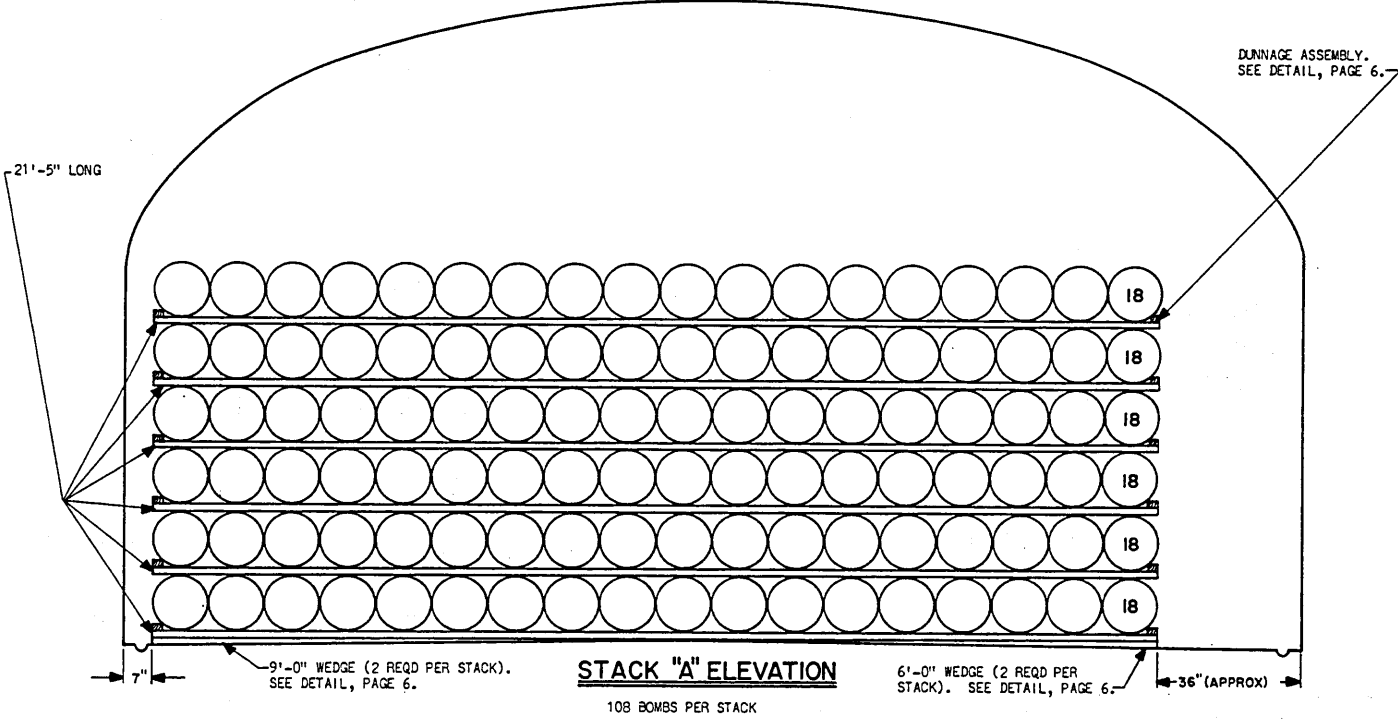
**MATERIAL SPECIFICATIONS**

LUMBER: SEE TM 715-5500-1; DUNNAGE LUMBER, FED SPEC MM-L-751.  
 NAILS: COMMON, CEMENT COATED, FED SPEC FF-N-105. ALT: ANNULAR-RING TYPE NAIL OF SAME SIZE.

	STACK AND STORAGE CAPACITY		
	60' 1 Q.00	80' 1 Q.00	80' STRADLEY
MAX NO. OF STACKS -----	11	15	14
SPACE AT FRONT OF MAGAZINE -----	29"	19"	70"
NO. OF BOMBS PER TYPE "A" STACK -----	110	110	108
NO. OF BOMBS PER TYPE "B" STACK -----	88	88	
NO. OF BOMBS PER TYPE "C" STACK -----			90
MAX NO. OF BOMBS W/ALL "A" STACKS -----	1,210	1,650	1,512
MAX NO. OF BOMBS W/ALL "B" STACKS -----	968	1,320	
MAX NO. OF BOMBS W/ALL "C" STACKS -----			1,260
MAX NO. OF BOMBS PER 250,000 LB LIMIT -----	883	883	883
MAX NO. OF BOMBS PER 500,000 LB LIMIT -----	1,766	1,766	1,766

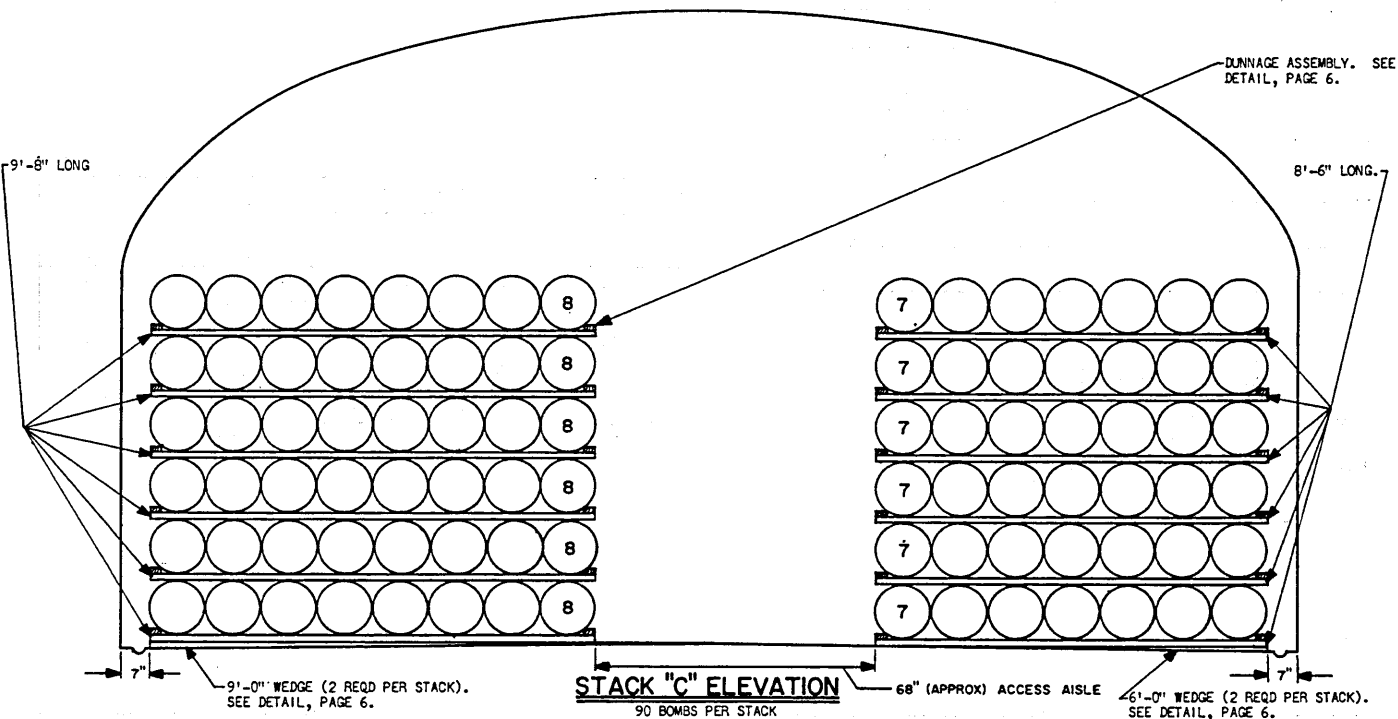


**PLAN VIEW**  
80' STRADLEY



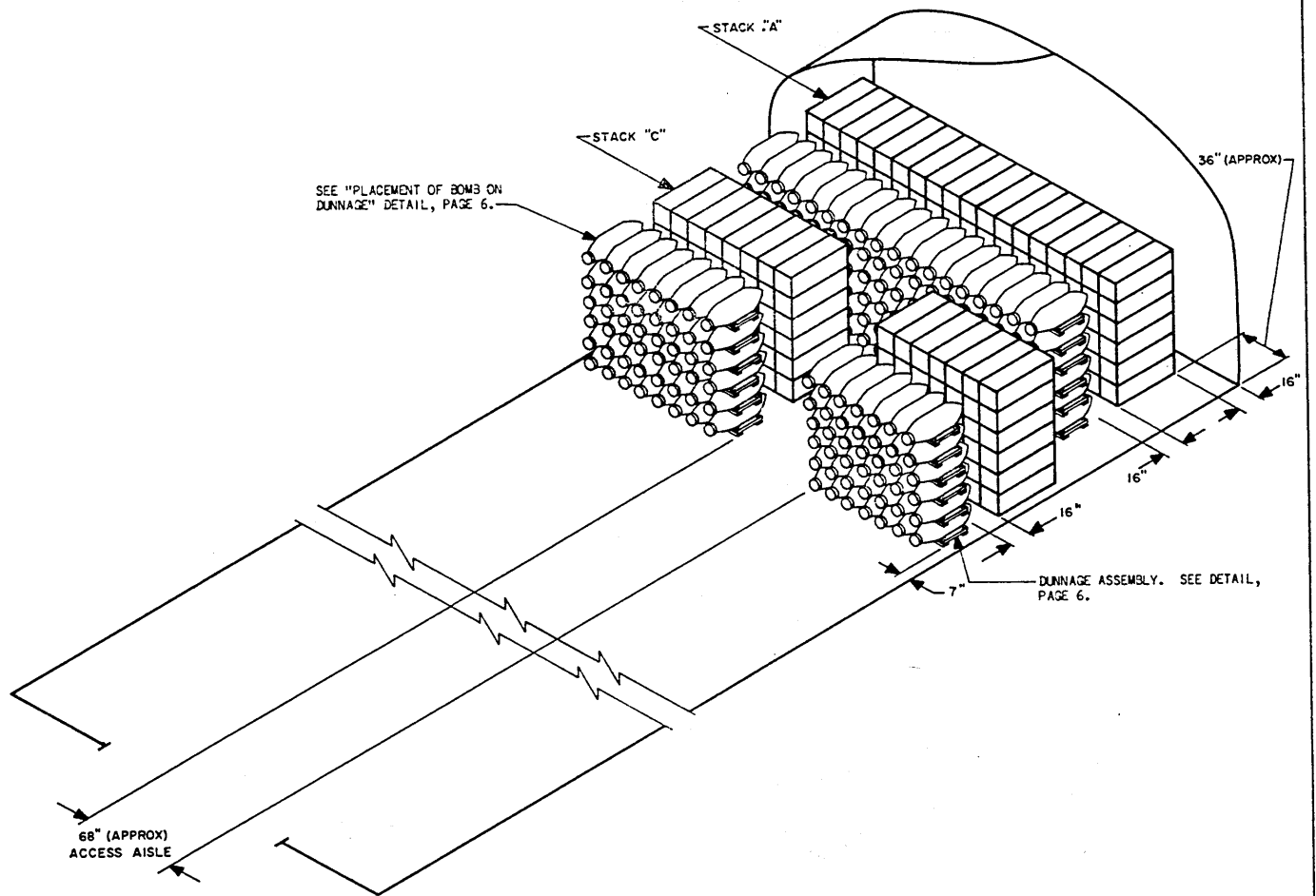
**STACK "A" ELEVATION**  
108 BOMBS PER STACK

DUNNAGE ASSEMBLY. SEE DETAIL, PAGE 6.



**STACK "C" ELEVATION**  
90 BOMBS PER STACK

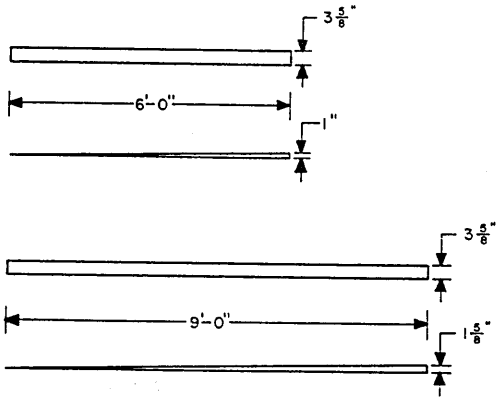
DUNNAGE ASSEMBLY. SEE DETAIL, PAGE 6.



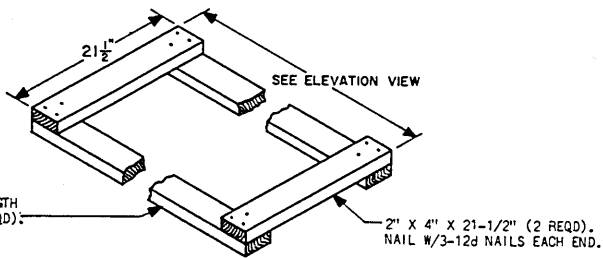
**ISOMETRIC VIEW**

80' STRADLEY

BILL OF MATERIAL (PER STACK)			
STACK	LUMBER	LINEAL FEET	BOARD FEET
"A"	2" X 4"	279	186
"C"	2" X 4"	261	174
	NAILS	NO. REQD	POUNDS
"A"	12d (3-1/4")	72	1-1/4
"C"	12d (3-1/4")	144	2-1/2
"A"	6'-0" WEDGES - 2 REQD 9'-0" WEDGES - 2 REQD		
"C"	6'-0" WEDGES - 2 REQD 9'-0" WEDGES - 2 REQD		

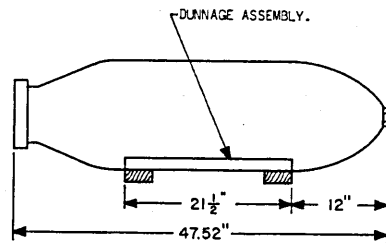


**WEDGE DETAIL**  
2" X 4" MATERIAL



2" X 4" X LENGTH TO SUIT (2 REQD).

**DUNNAGE ASSEMBLY**



**PLACEMENT OF BOMB ON DUNNAGE**