

SPECIAL PACKAGING INSTRUCTION

Form Approved
OMB No. 0704-0188

-BK
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The public reporting burden for this collection of information is estimated to average 30 days per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services and Communications Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE ABOVE ORGANIZATION.

1. PART OR DRAWING NO. (CAGE) NOMENCLATURE 223-2451 (11083) TRANSMISSION			2. CAGE 19207		3. SPI NO. AK15779969	
4. NATIONAL STOCK NO. 2520-01-577-9969			5. DATE 05/24/2010		6. REVISION -	
7. QUP 1 EA	8. ICQ NONE	9. UNIT PACK WT (LB.) 2957.0	10. UNIT PACK CU (CU. FT.) 62.260		11. UNIT PACK SIZE (INCHES) 51.8 X 42.3 X 49.1	
12. MILITARY PRESERVATION MIL-STD-2073-1D METHOD 53		18. STEPS	19. REQD	20. DESCRIPTION		
13. CLEANING MIL-STD-2073-1B		1-C	A/R	PRESERVATIVE: MIL-PRF-21260, GRADE 10		
		2-D	A/R	PRESERVATIVE: MIL-PRF-16173, GRADE 4		
14. DRYING MIL-STD-2073-1B		3-E	12	BLOCKING/BRACING: ASTM-D6199		
		4	2	BRACKETS: SEE PAGE 8		
15. PACKING		5-F	1	WRAP: MIL-PRF-121, TY I, SIZE: 96 X 96		
a. LEVEL A MIL-STD-2073-1D AND NOTE J		6-G	120	CUSHIONING: A-A-59135, CLASS 1, GRADE A,		
			SQ FT			
b. LEVEL B NOT APPLICABLE		7-H	96	DESICCANT: MIL-D-3464, TYPE II		
		8-I	1	ENVELOPE: MIL-DTL-6060		
16. MARKING MIL-STD-129 AND NOTE K		9	1	CONTAINER: MIL-C-104 , TYPE II, STYLE A, CLASS 2,		
				SIZE: 49-1/2 X 40 X 42		

17. NOTES/DRAWING

A. QUALITY ASSURANCE PROVISION:

1. INSPECT THE PRESERVATION AND UNIT PACK IN ACCORDANCE WITH MIL-STD-2073-1D.
2. INSPECT THE PACKING IN ACCORDANCE WITH MIL-STD-1186 AND THE APPLICABLE.

B. CLEAN AND DRY ITEM BY ANY SUITABLE PROCESS BEFORE APPLICATION OF PRESERVATIVE AND PACKAGING MATERIALS.

C. SEAL OPENINGS TO HOSES AND INTERIOR OF TRANSMISSION WITH CAPS/PLUGS OF THE APPROPRIATE SIZE.

D. FOG XMSN INTERNALLY THROUGH OPENINGS, DRAIN EXCESS PRESERVATIVE. SEE DRAWING ON PAGE 3 FOR CLARIFICATION.

E. SEE PAGES 2 THROUGH 9.

F. TRANSMISSION IS COMPLETELY ENCLOSED IN GREASE PROOF WRAP, SECURED WITH TAPE ASTM-D6123.

G. APPLY CUSHIONING AROUND THE TRANSMISSION TO PREVENT PUNCTURING THE BARRIER MATERIAL AND THE ENVELOPE. SECURE WITH TAPE ASTM-D6123.

H. PLACE 96 UNITS OF DESICCANT IN ANY VOID WITHIN THE WATERVAPOR PROOF ENVELOPE, SEE PAGE 9.

I. ADHERE GASKETS TO BOTH SIDES OF BARRIER ENVELOPE AT MOUNTING HOLE LOCATIONS USING WATER- RESISTANT ADHESIVE. AFTER POSITIONING BARRIER OVER THREADED RODS, A SUFFICIENT QUANTITY OF ADHESIVE SHALL BE APPLIED AROUND THE THREADED ROD AND GASKET TO PROVIDE AN AIR TIGHT SEAL. CLOSE AND HEAT SEAL THE SIDES AND TOP OF THE BARRIER ENVELOPE (ITEM 4), ELIMINATE EXCESS AIR TO COMPLETE WATERVAPORPROOF METHOD 43.

J. THE UNIT CONTAINER IS THE SHIPPING CONTAINER.

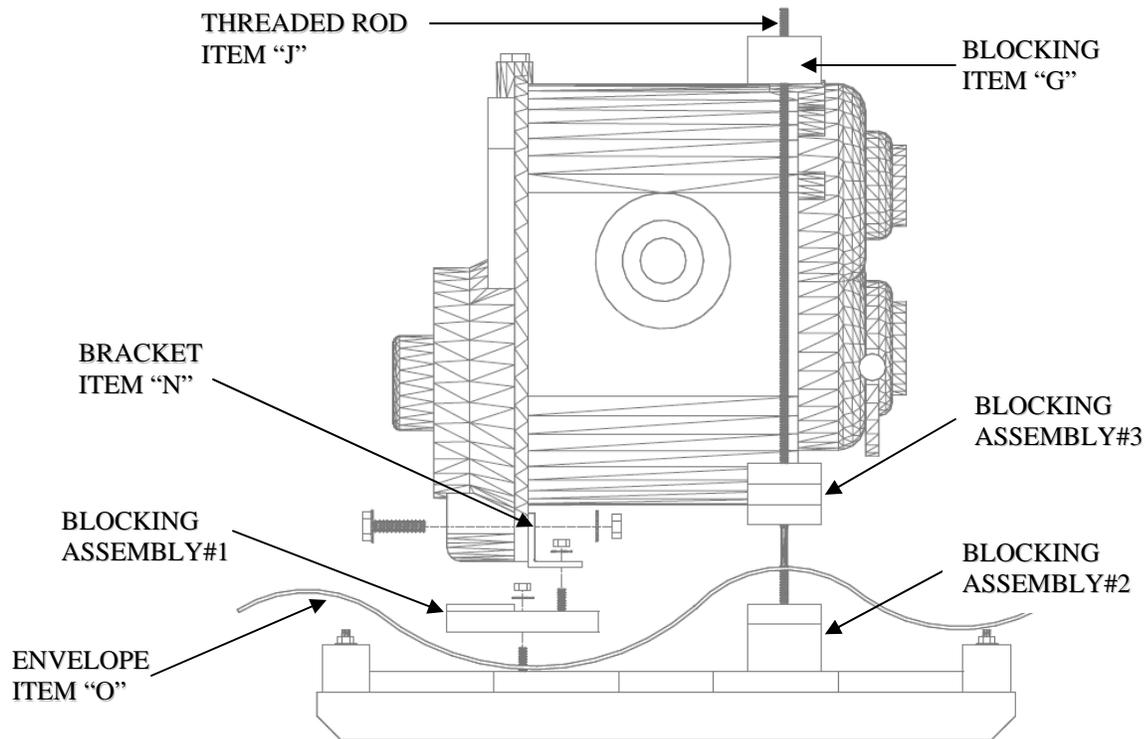
K. IN ADDITIONAL TO MIL-STD-129 MARKINGS, THE UNIT CONTAINER SHALL BE MARKED ON THE TOP AND ONE SIDE WITH MINIMUM 1/2 IN HIGH BLACK LETTERS "REUSABLE CONTAINER, DO NOT DESTROY." IN ADDITION THE TOP AND ONE SIDE SHALL BE MARKED "REMOVE SCREWS TO OPEN CONTAINER" USING MINIMUM 1/2 IN HIGH BLACK LETTERS.

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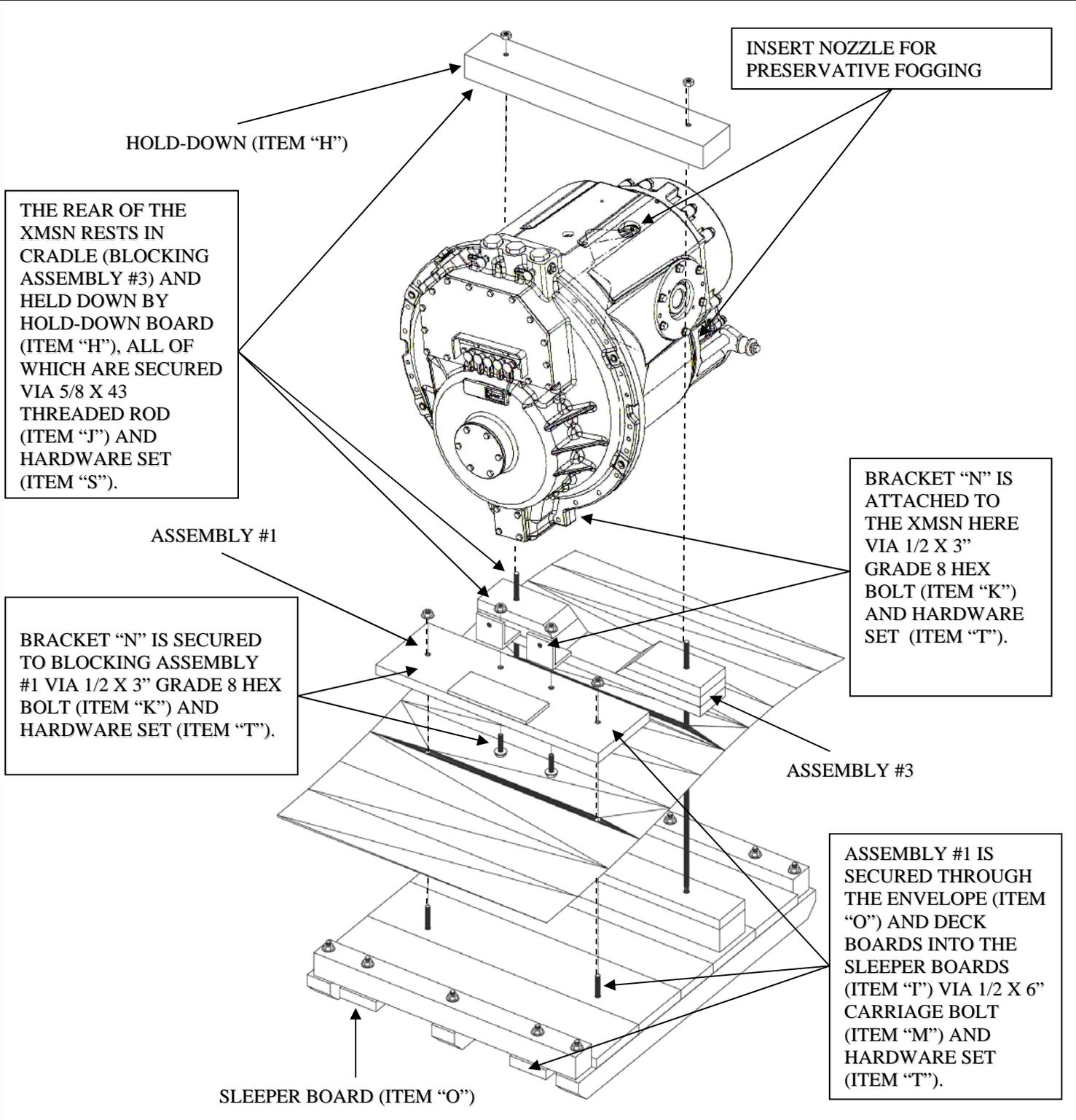
ITEM	SIZE	QTY	ADDITIONAL NOTES:
A	2 X 12 X 34	1	BLOCKING ASSY #1
B	6 X 12 X 1/2 PLYWOOD	1	BLOCKING ASSY #1
C	2 X 6 X 34	1	BLOCKING ASSY #3
D	2 X 6 X 13	2	BLOCKING ASSY #3
E	2 X 6 X 11-1/2	2	BLOCKING ASSY #3
F	4 X 6 X 40	1	BLOCKING ASSY #2
G	2 X 6 X 40	1	BLOCKING ASSY #2
H	4 X 6 X 34	1	HOLD-DOWN
I	2 X 6 X 51-3/4	2	SLEEPER
J	5/8 X 43" THREADED ROD	2	
K	1/2 X 3" GRADE 8 HEX BOLT	4	
L	1/2 X 8" CARRIAGE BOLT	6	
M	1/2 X 6" CARRIAGE BOLT	6	
N	1/2 INCH BRACKETS	2	SEE PAGE 7
O	96 X 96 ENVELOPE	1	SEE PAGE 8
P	96 X 120 CUSHIONING	1	
Q	40 X 6 GASKET MATERIAL	2	SEE PAGE 8
R	40 X 16 GASKET MATERIAL	2	SEE PAGE 8
S	5/8 HARDWARE SET:	4	EACH SET INCLUDES: (1 NUT, 1 SPLIT & 1 FLAT WASHER)
T	1/2 HARDWARE SET:	16	EACH SET INCLUDES: (1 NUT, 1 SPLIT & 1 FLAT WASHER)

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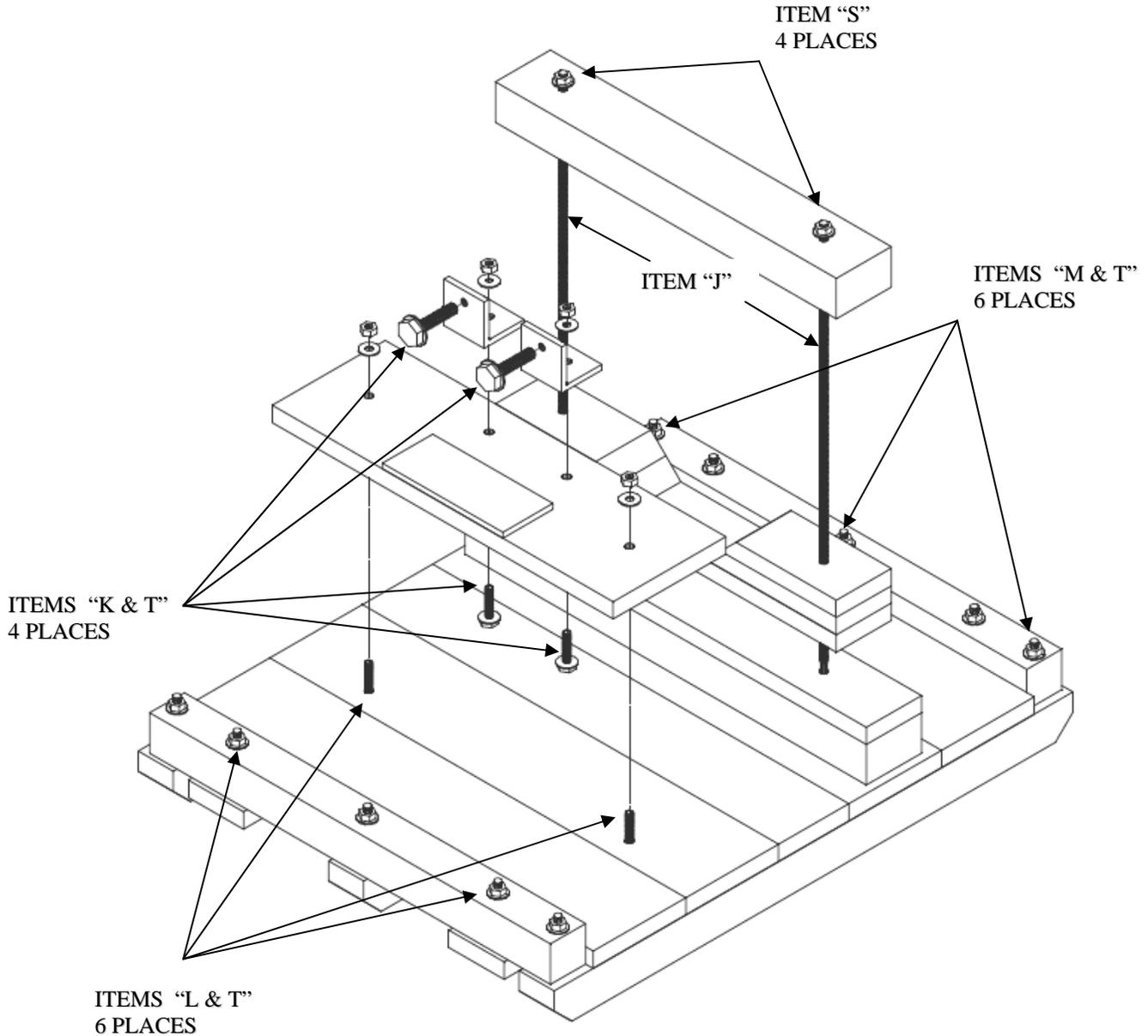
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HARDWARE LOCATIONS



NOTES: ALL HARDWARE NEEDS TO BE PLATED

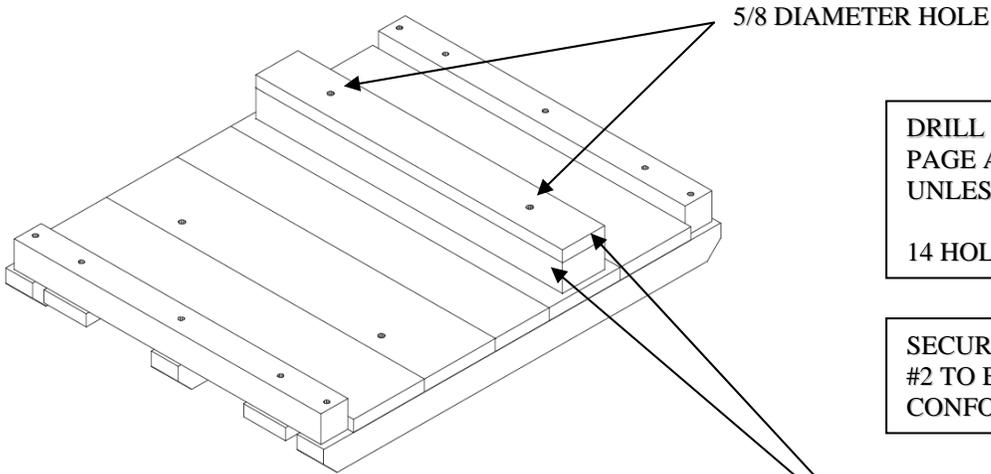
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HOLE LOCATIONS (TOP VIEW)



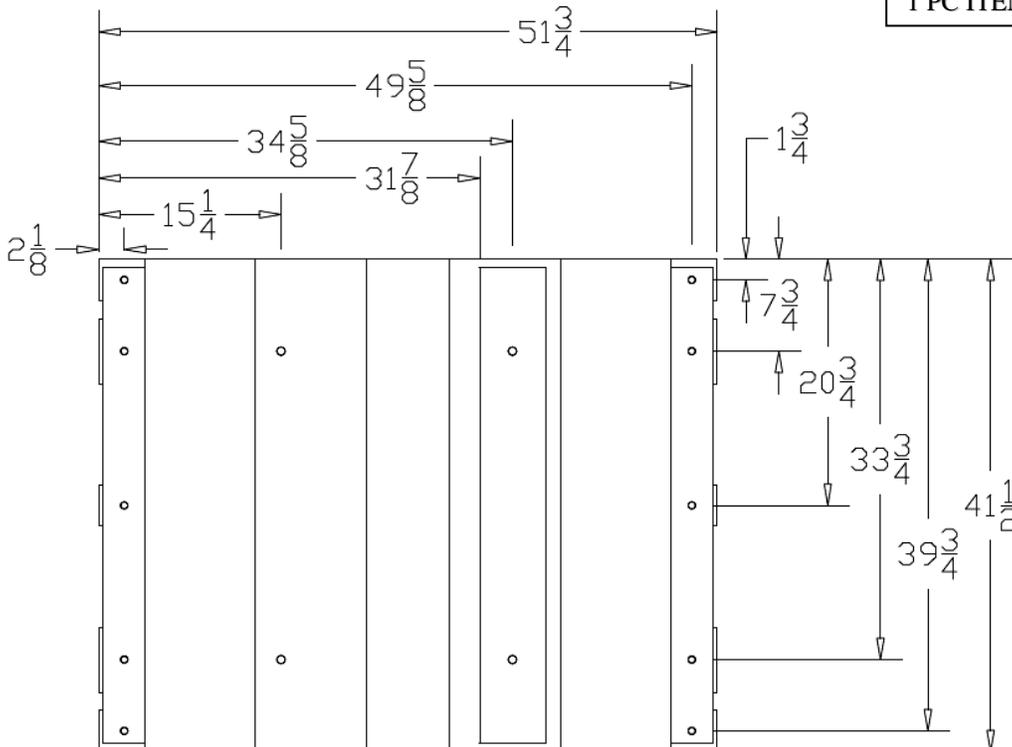
DRILL HOLES PICTURED ON THIS PAGE ARE 1/2 INCH DIAMETER UNLESS OTHERWISE NOTED.

14 HOLES TOTAL

SECURE BLOCKING ASSEMBLY #2 TO BASE USING NAILS CONFORMING TO ASTM-F1667.

BLOCKING ASSEMBLY #2 CONSISTS OF:

- 1 PC ITEM "F"
- 1 PC ITEM "G"



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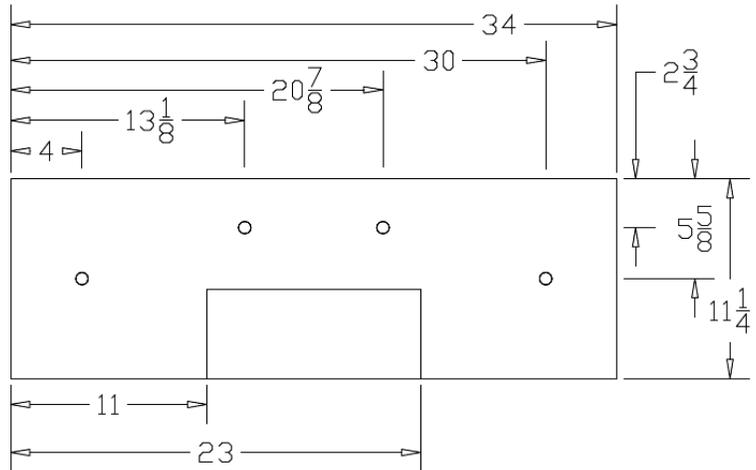
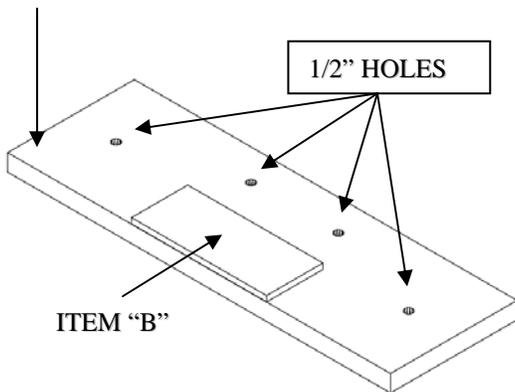
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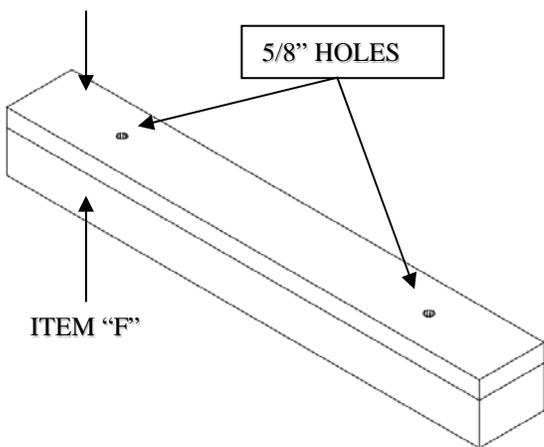
ASSEMBLE BLOCKING USING NAILS/STAPLES
CONFORMING TO ASTM-F1667.

BLOCKING ASSEMBLY #1

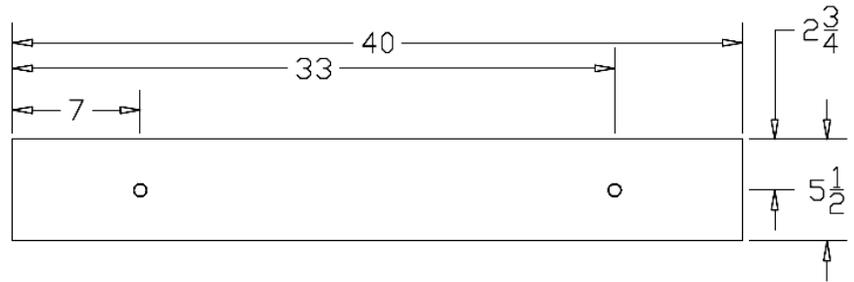
ITEM "A"



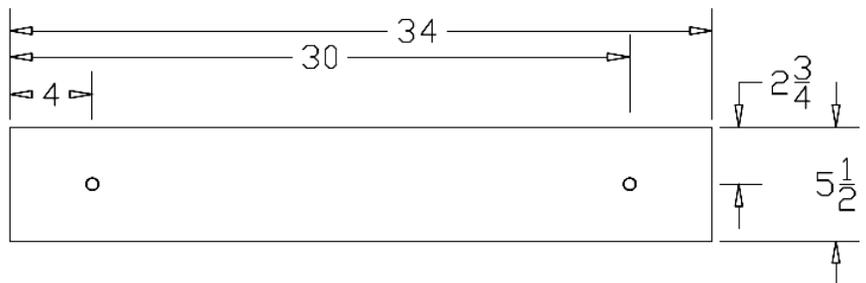
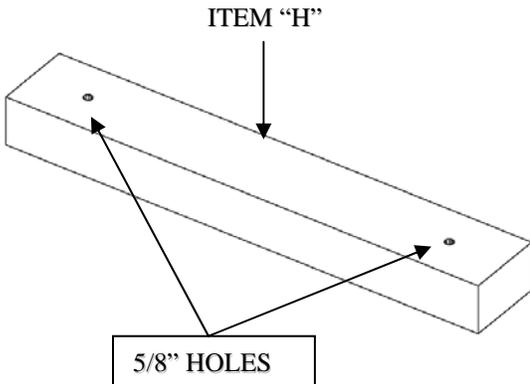
ITEM "G"



BLOCKING ASSEMBLY #2



HOLD-DOWN



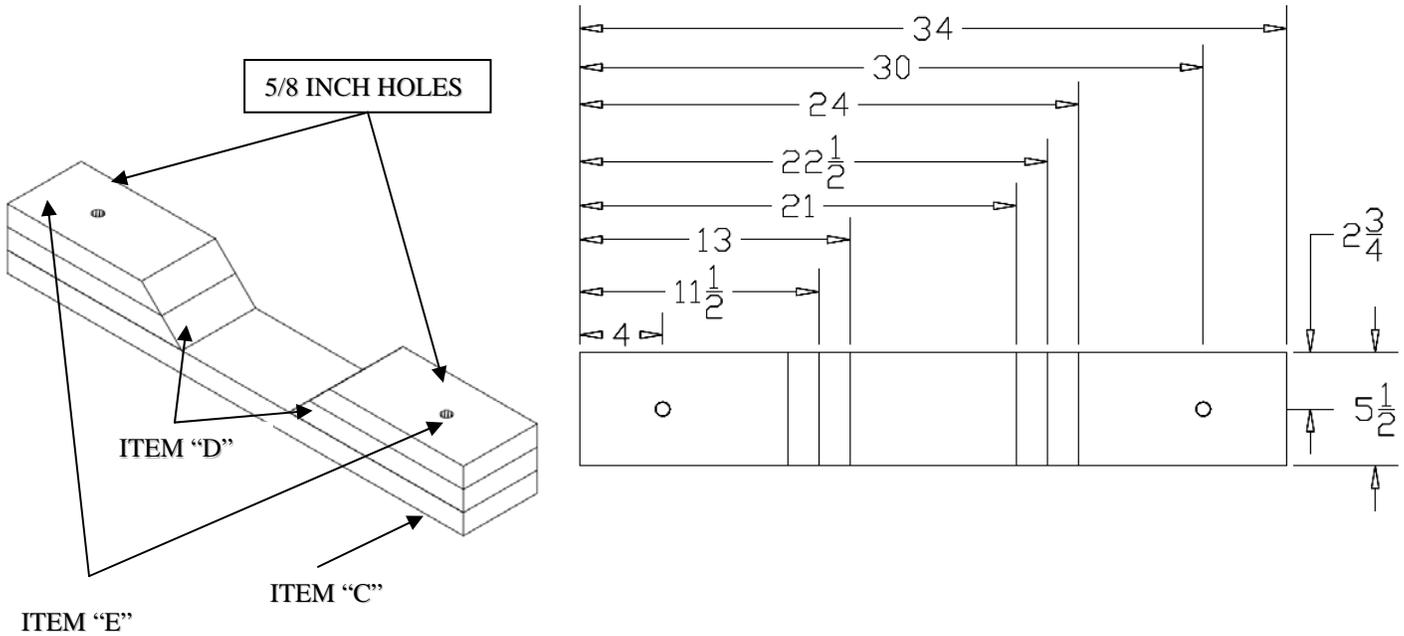
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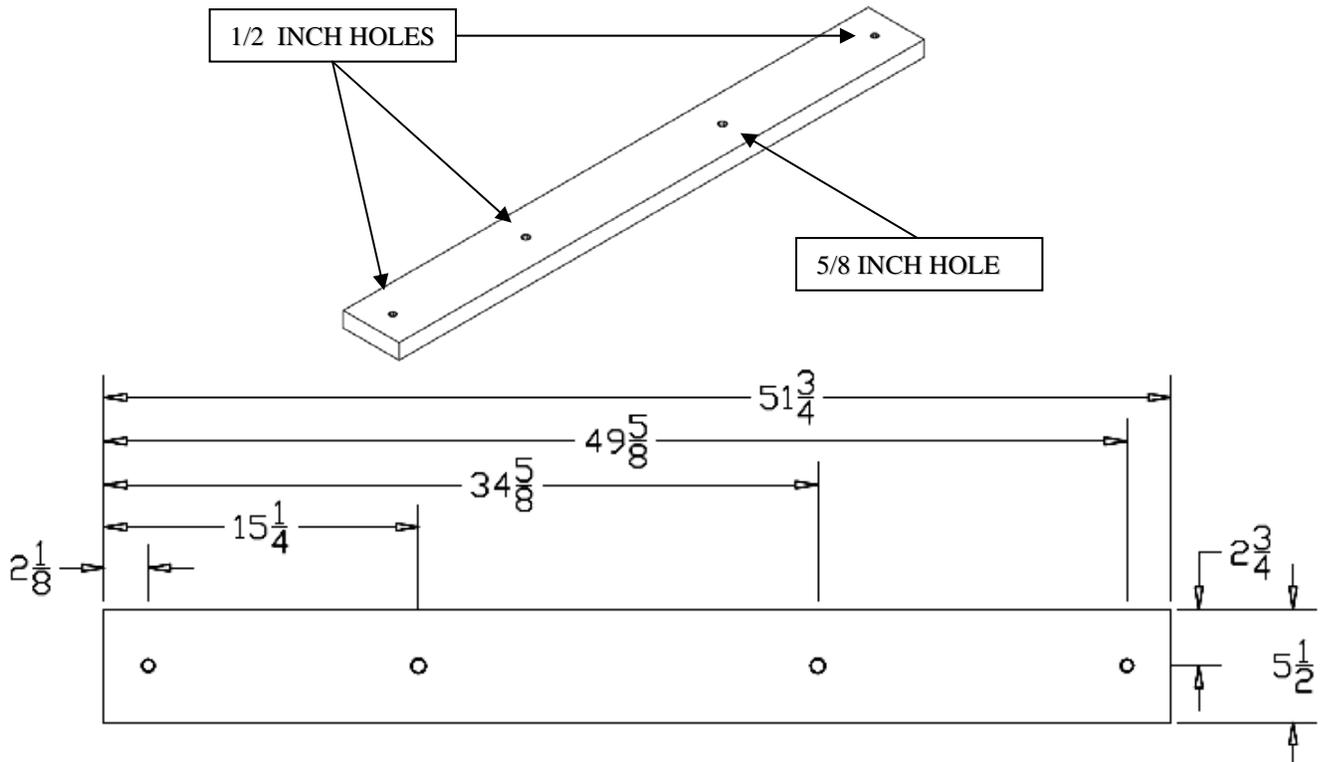
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BLOCKING ASSEMBLY #3



SLEEPER BOARD (ITEM "O")



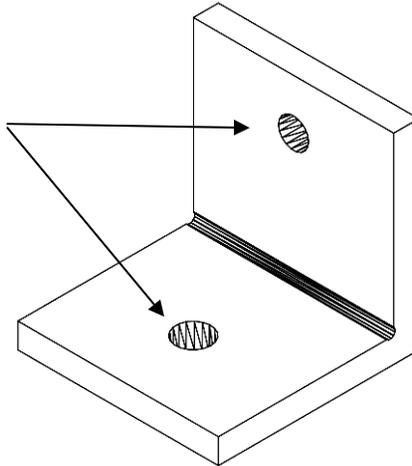
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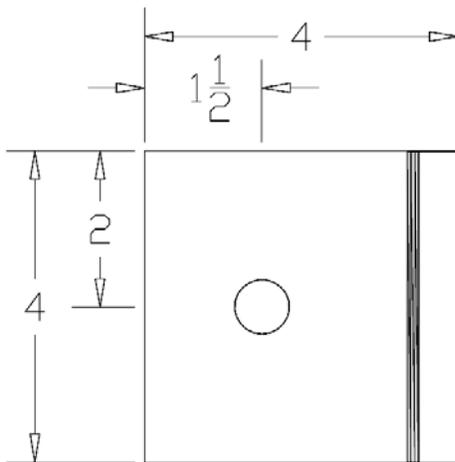
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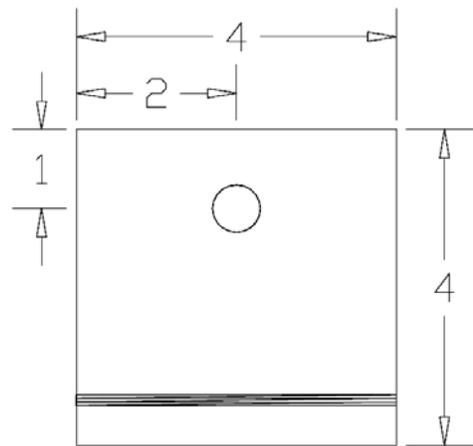
1/2 INCH
DIAMETER HOLES



TOP VIEW



FRONT VIEW



BRACKETS ARE FORMED USING 1/2" THICK
PLATE STEEL CONFORMING TO ASTM-A-36.

BRACKETS ARE BENT NOT WELDED.

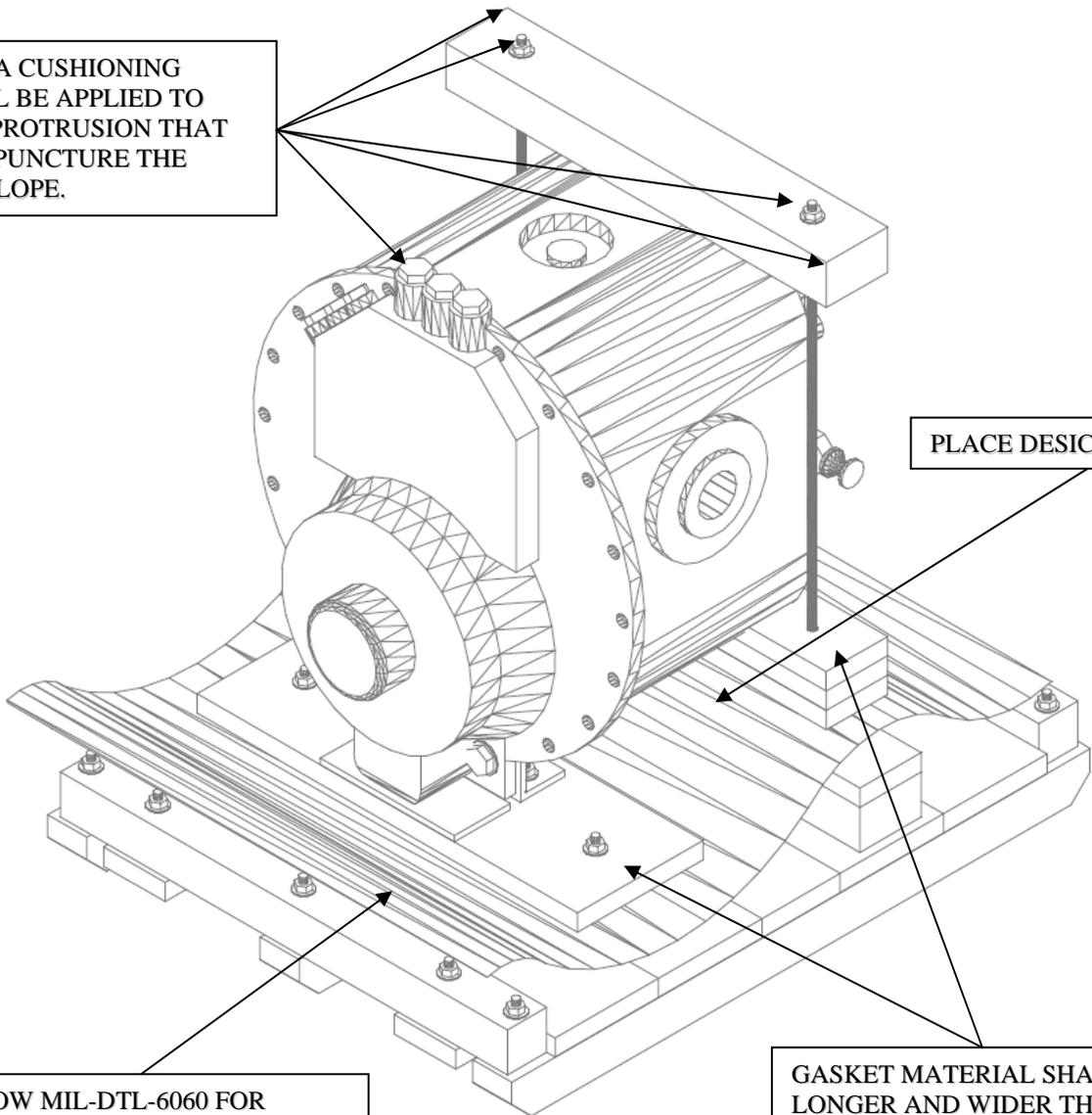
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EXTRA CUSHIONING SHALL BE APPLIED TO ANY PROTRUSION THAT MAY PUNCTURE THE ENVELOPE.



PLACE DESICCANT HERE

FOLLOW MIL-DTL-6060 FOR DETAILS ON SEALING METHODS AND MATERIALS FOR WATERVAPOR PROOF BARRIER AND GASKETS

GASKET MATERIAL SHALL BE LONGER AND WIDER THAN THE BLOCKING ASSEMBLY IT IS CONTACTING TO HELP ENSURE THAT THE LUMBER FROM THE BLOCKING ASSEMBLY DOES NOT PUNCTURE THE ENVELOPE