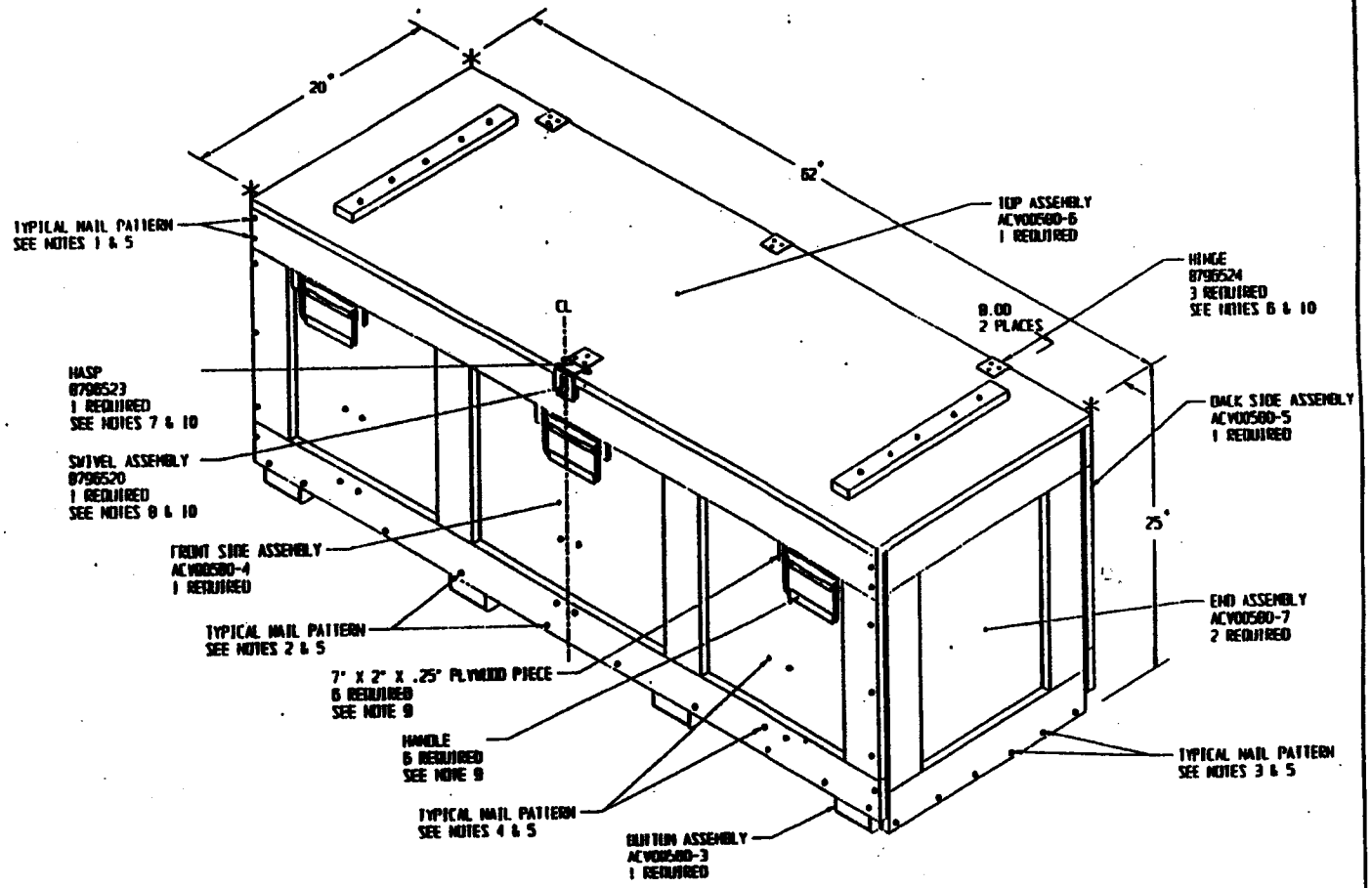
Attachment 1-1

| REVISION | | | |
|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPROVED |
| - | PRODUCT BASELINE | | |

NOTES:

1. NAIL THROUGH FRONT SIDE ASSEMBLY AND BACK SIDE ASSEMBLY INTO END ASSEMBLY AS INDICATED USING 6d NAILS (24 REQUIRED).
2. NAIL THROUGH FRONT SIDE ASSEMBLY AND BACK SIDE ASSEMBLY INTO BOTTOM ASSEMBLY AS INDICATED USING 6d NAILS (20 REQUIRED).
3. NAIL THROUGH END ASSEMBLY INTO BOTTOM ASSEMBLY AS INDICATED USING 6d NAILS (12 REQUIRED).
4. ATTACH SIX LOWER CRADLES WITH FOUR 6d NAILS EACH. ATTACH TWO PLYWOOD PIECES WITH TWO 3/4" STAPLES EACH. SEE SHEET 2 FOR POSITIONING OF LOWER CRADLES AND PLYWOOD PIECES.
5. NAILS: FED SPEC FF-N-105: COMMON.
6. SECURE HINGES TO TOP ASSEMBLY AND BACK SIDE ASSEMBLY USING 3/4" NO. 7 SCREWS (12 REQUIRED). ALTERNATE HINGE: NATIONAL MFG. CO. 1-1/2" X 3/4" PLAIN STEEL CABINET HINGE.
7. INSERT HASP KNUCKLE INTO GROOVE IN TOP ASSEMBLY AND SECURE HASP TO FRONT CENTER OF TOP ASSEMBLY AS INDICATED USING NO. 7 SCREWS (3 REQUIRED).
8. ALIGN SWIVEL ASSEMBLY AT TOP CENTER OF FRONT SIDE ASSEMBLY AS INDICATED TO ALLOW CONNECTION WITH HASP AND SECURE WITH TWO NO. 7 SCREWS.
9. PLACE PLYWOOD IN CORNER FORMED BY SOFTWOOD PIECES (2 PLACES) AND AGAINST CENTER OF TOP SOFTWOOD PIECE (1 PLACE). PLACE SURFACE MOUNT HANDLE MODEL NUMBER CCN-5305 FROM AUSTIN HARDWARE, INC. OR EQUIVALENT AT TOP EDGE OF PLYWOOD PIECE APPROXIMATELY 1 INCH FROM CORNER (2 PLACES) OR AT TOP CENTER OF PLYWOOD PIECE (1 PLACE). DRILL THROUGH PLYWOOD AND ATTACH HANDLES USING STAINLESS STEEL 1/2" 10-24 ROUND HEAD PHILLIPS SCREWS AND ZINC PLATED STEEL TEE NUTS (15 EACH REQUIRED). REPEAT PROCEDURE FOR BACK SIDE ASSEMBLY.
10. SCREWS: FED SPEC FF-N-105.
11. ALL DIMENSIONS GIVEN IN DRAWING ARE NOMINAL UNLESS OTHERWISE INDICATED.




PART NO ACV00580

DISTRIBUTION STATEMENT A.

APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

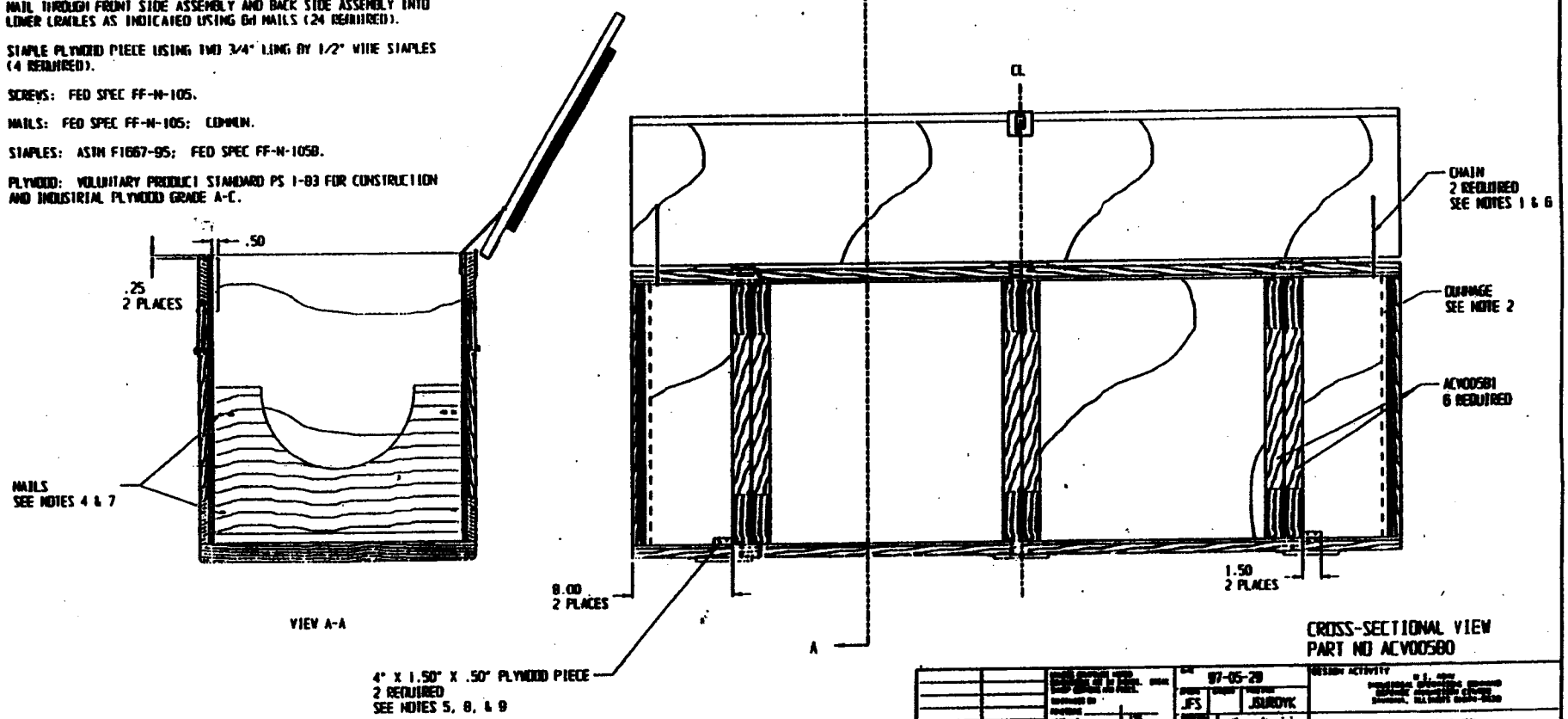
| | | | |
|---|---|---|---|
| 12 X 56 MRC | | 97-05-29 | DESIGN ACTIVITY: U.S. ARMY INDUSTRIAL OPERATIONS COMMAND, DEFENSE ORGANIZATION CENTER, SAVANNA, ILLINOIS 61074-9639 |
| NEXT ASSY | USED ON | JFS / JSURDYK | SHIPPING CONTAINER FOR 12 X 56 MRC |
| APPLICATION | | | SIZE D · CAGE CODE 28820 · ACV00580 |
| | | | SCALE · UNIT WT · SHEET 1 OF 7 |

Attachment 1-2

| REVISION | | | |
|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPROVED |
| - | PRODUCT BASELINE | [illegible] | [illegible] |

NOTES:

1. ATTACH TWO APPROXIMATELY 9 INCH LONG MCMASTER-CARR SAFETY CHAINS PART NO. 3608151 OR EQUIVALENT BY THEIR ENDS TO PLYWOOD OF TOP ASSEMBLY AND BACK SIDE ASSEMBLY WITH 3/4" NO. 7 SCREWS (4 REQUIRED) AS INDICATED, SO THAT HINGES SWING OPEN 110°-130° WHEN SHIPPING CONTAINER IS OPENED.
2. ADDITIONAL PLYWOOD OR OTHER SUITABLE PACKAGING MATERIAL MAY BE ADDED TO AREAS AT EACH END OF THE MRC SHIPPING CONTAINER TO ACHIEVE A TIGHTER FIT.
3. CENTER ACV00582 OVER LOWER CRADLES BEFORE CLOSING SHIPPING CONTAINER.
4. NAIL THROUGH FRONT SIDE ASSEMBLY AND BACK SIDE ASSEMBLY INTO LOWER CRADLES AS INDICATED USING 6d NAILS (24 REQUIRED).
5. STAPLE PLYWOOD PIECE USING TWO 3/4" LONG BY 1/2" WIDE STAPLES (4 REQUIRED).
6. SCREWS: FED SPEC FF-N-105.
7. NAILS: FED SPEC FF-N-105; COMMON.
8. STAPLES: ASTM F1667-95; FED SPEC FF-N-105B.
9. PLYWOOD: VOLUNTARY PRODUCT STANDARD PS 1-83 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD GRADE A-C.




CROSS-SECTIONAL VIEW
PART NO ACV00580

DISTRIBUTION STATEMENT A.

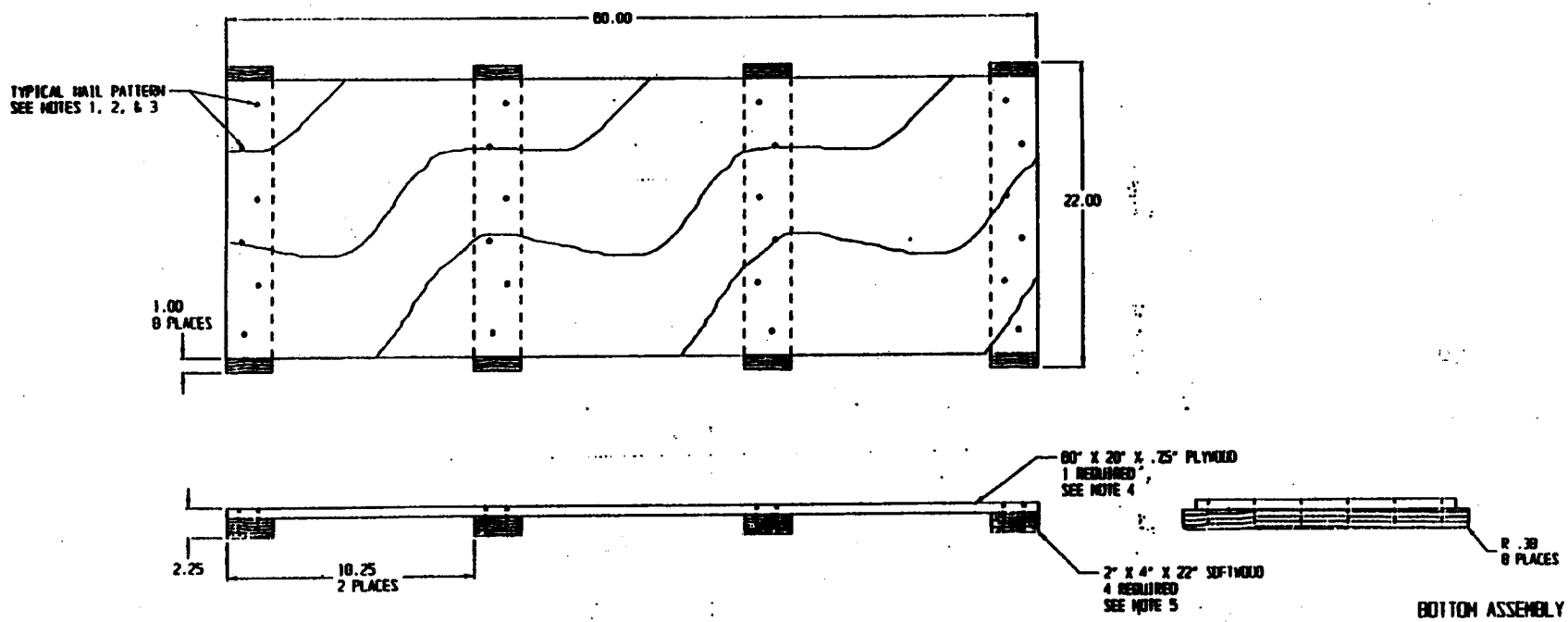
APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

| | | | |
|---|---|---|---|
| 97-05-29 | JFS | JSUROYK | DESIGN ACTIVITY |
| SHIPPING CONTAINER FOR 12 X 56 MRC | | | |
| SIZE B | CAGE CODE 28620 | ACV00580 | |
| SCALE | SHEET NO | SHEET 2 OF 7 | |
| APPLICATION | | | |

| REVISION | | | |
|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPROVED |
| - | PRODUCT BASELINE | [illegible] | [illegible] |

NOTES:

1. NAIL THROUGH PLYWOOD INTO SOFTWOOD AS INDICATED USING 6d NAILS (24 REQUIRED).
2. NAILS: FED SPEC FF-N-105; COMMON.
3. NAILS MUST BE AT LEAST 1/2" FROM ANY EDGE.
4. PLYWOOD: VOLUNTARY PRODUCT STANDARD PS 1-83 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD GRADE A-C.
5. LUMBER: FED SPEC MM-L-751; DOUGLAS FIR OR COMPARABLE LUMBER WITH STRAIGHT GRAIN AND FREE FROM MATERIAL DEFECTS.




BOTTOM ASSEMBLY
PART NO ACV00580-3

1 REQUIRED

DISTRIBUTION STATEMENT A.

APPROVED FOR PUBLIC RELEASE:
DISTRIBUTION IS UNLIMITED.

| | | | |
|---|---|---|---|
| APPLICATION | 97-05-29 | JFS | JSUROYK |
| | SHIPPING CONTAINER FOR 12 X 56 MRC | | |
| SIZE D | CAGE CODE 28620 | ACV00580 | |
| SCALE | SHEET 3 OF 7 | | |

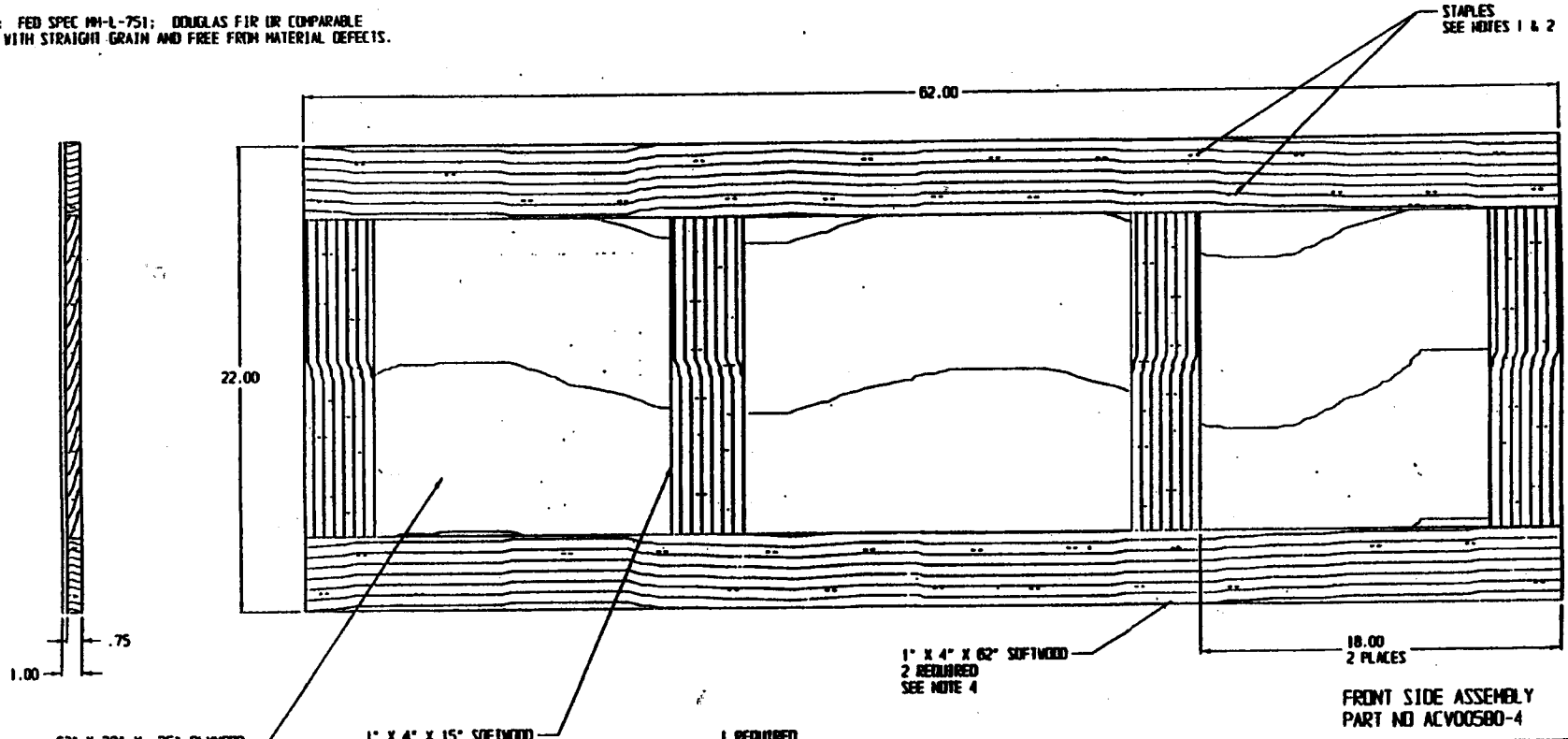
Attachment 1-3

Attachment 1-4

| REVISION | | | |
|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPROVED |
| - | PRODUCT BASELINE | [illegible] | [illegible] |

NOTES:

1. PRIOR TO STAPLING, GLUE THE SOFTWOOD PIECES TO THE PLYWOOD WITH CARPENTERS WOOD GLUE OR ADHESIVE MEETING STANDARD MMM-A-187B. FASTEN STAPLES THROUGH THE PLYWOOD INTO THE SOFTWOOD USING A STAPLE GUN AND 16 GAUGE 3/4" LONG BY 1/2" WIDE STAPLES. USE ONE STAPLE FOR APPROXIMATELY EVERY 2"-3" OF BOARD.
2. STAPLES: ASTM F1667-95; FED SPEC 1050.
3. PLYWOOD: VOLUNTARY PRODUCT STANDARD PS 1-83 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD GRADE A-C.
4. LUMBER: FED SPEC MM-L-751; DOUGLAS FIR OR COMPARABLE LUMBER WITH STRAIGHT GRAIN AND FREE FROM MATERIAL DEFECTS.




FRONT SIDE ASSEMBLY
PART NO ACV00580-4

DISTRIBUTION STATEMENT A.

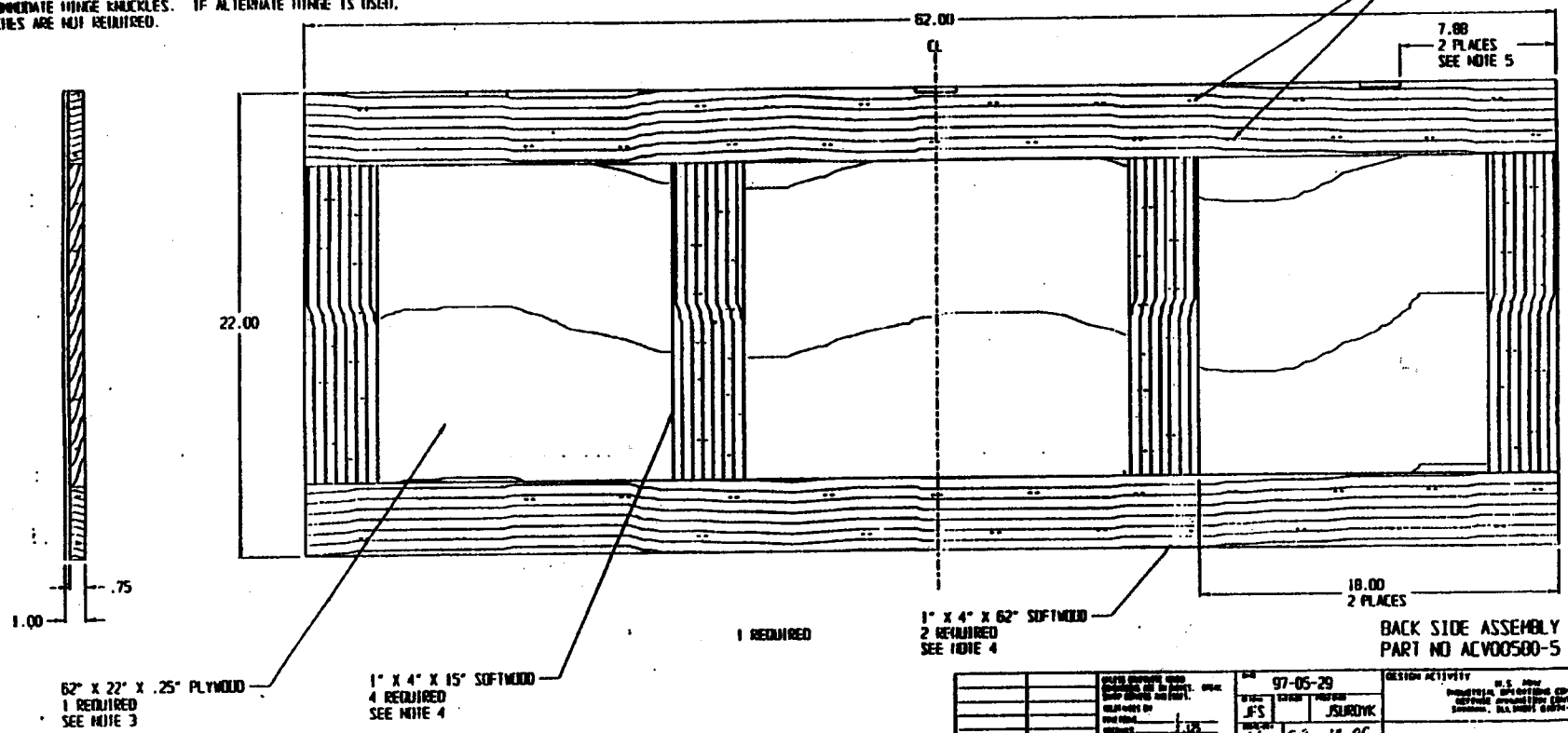
APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

| | | | |
|---|---|---|---|
| ACV00580 | 12 X 56 MRC | 97-05-29 | DESIGN ACTIVITY |
| NEXT ASSY | USED ON | JFS / JSURDYK | SHIPPING CONTAINER FOR 12 X 56 MRC |
| APPLICATION | | | SIZE D / CAGE CODE 28620 / ACV00580 |
| | | | SCALE / SHEET 4 OF 7 |

| REVISION | | | |
|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPROVED |
| - | PRODUCT BASELINE | 7/3/98 | |

NOTES:

1. PRIOR TO STAPLING, GLUE THE SOFTWOOD PIECES TO THE PLYWOOD WITH CARPENTERS WOOD GLUE OR ADHESIVE MEETING STANDARD MMM-A-1878. FASTEN STAPLES THROUGH THE PLYWOOD INTO THE SOFTWOOD USING A STAPLE GUN AND 16 GAUGE 3/4" LONG BY 1/2" WIDE STAPLES. USE ONE STAPLE FOR APPROXIMATELY EVERY 2"-3" OF BOARD.
2. STAPLES: ASTM F1667-95; FED SPEC 1058.
3. PLYWOOD: VOLUNTARY PRODUCT STANDARD PS 1-83 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD GRADE A-C.
4. LUMBER: FED SPEC MM-L-751; DOUGLAS FIR OR COMPARABLE LUMBER WITH STRAIGHT GRAIN AND FREE FROM MATERIAL DEFECTS.
5. CUT THREE 2" X 1/4" X 1/4" NOTCHES AS INDICATED TO ACCOMMODATE HINGE KNUCKLES. IF ALTERNATE HINGE IS USED, NOTCHES ARE NOT REQUIRED.




BACK SIDE ASSEMBLY
PART NO ACV00580-5

DISTRIBUTION STATEMENT A.

APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

| | | | |
|---|---|---|---|
| 97-05-29 | | DESIGN ACTIVITY U.S. ARMY PROJECTILE OPERATIONS COMMAND DEPOT OPERATIONS DIVISION SANDOWN, NEW YORK 12204-5030 | |
| JFS | JSURDYK | SHIPPING CONTAINER FOR 12 X 56 HRC | |
| | | SIZE D | CAGE CODE 28620 | ACV00580 |
| | | SCALE | UNIT WT | SHEET 5 OF 7 |

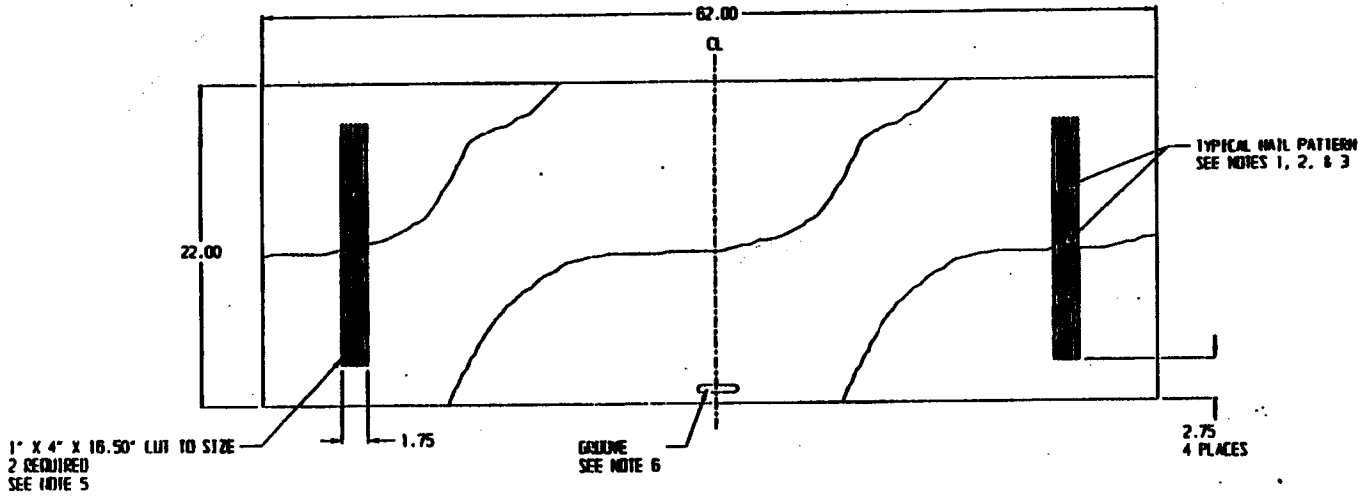
Attachment 1-5

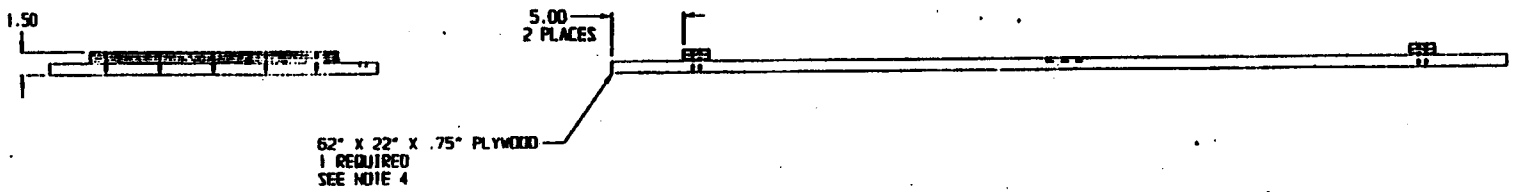
Attachment 1-6

| REVISION | | | |
|---|---|---|---|
| ALTR | DESCRIPTION | DATE | APPROVED |
| - | PRODUCT BASELINE | 12/3/96 | |

NOTES:

1. NAIL THROUGH SOFTWOOD INTO PLYWOOD AS INDICATED USING 3d NAILS (10 REQUIRED).
2. NAILS: FED SPEC FF-N-105; COMMON.
3. NAILS MUST BE AT LEAST 1/2" FROM ANY EDGE.
4. PLYWOOD: VOLUNTARY PRODUCT STANDARD PS 1-83 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD GRADE A-C.
5. LUMBER: FED SPEC MM-L-751; DOUGLAS FIR OR COMPARABLE LUMBER WITH STRAIGHT GRAIN AND FREE FROM MATERIAL DEFECTS.
6. CUT 2 1/2" X 1/2" X 1/4" NOTCH AS INDICATEDTO ACCOMMODATE HASP KNUCKLE.




1 REQUIRED

TOP ASSEMBLY
PART NO ACV00580-6

DISTRIBUTION STATEMENT A.

APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

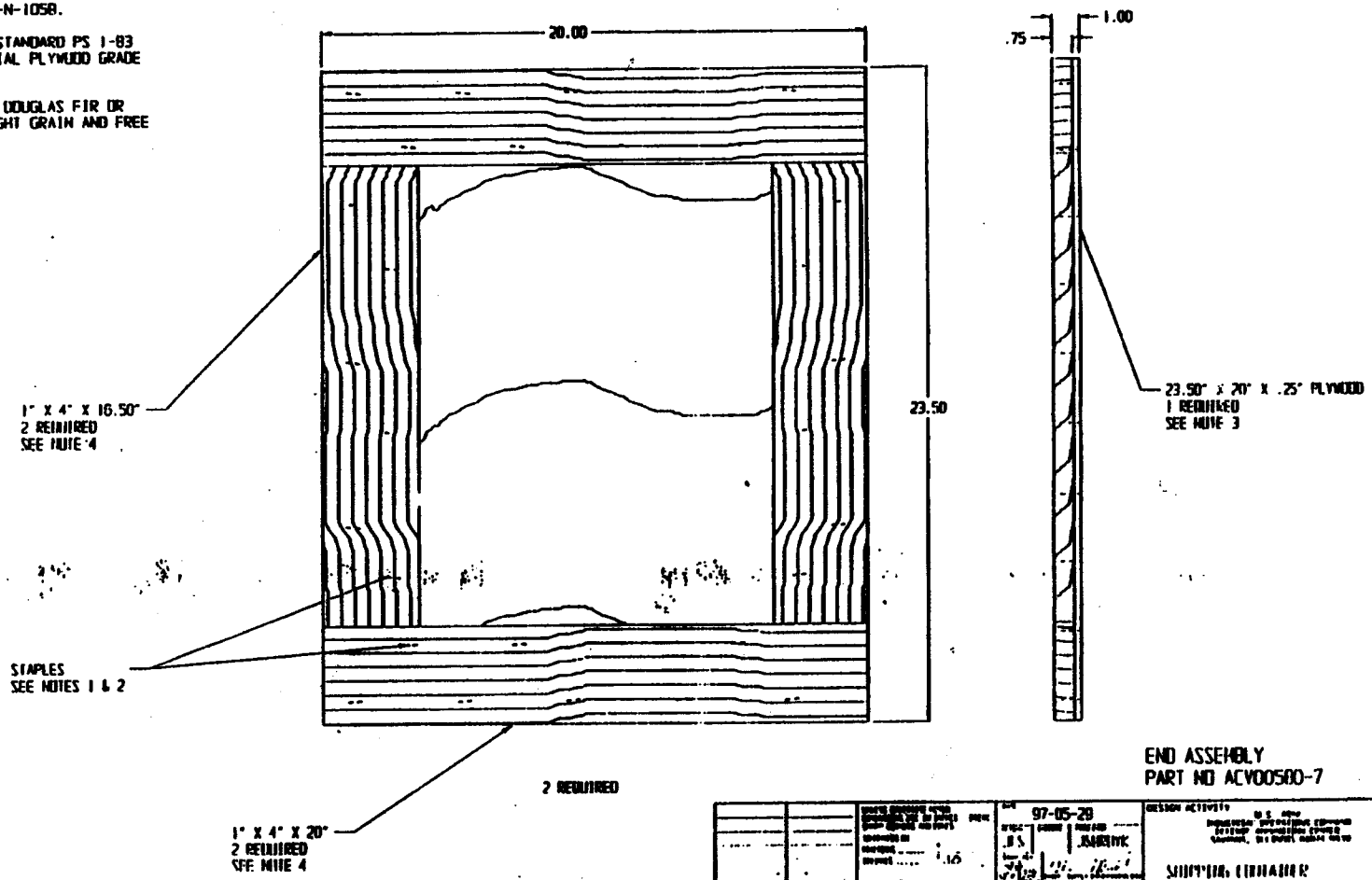
| | | | |
|---|---|---|---|
| APPLICATION | 97-05-29 | DESIGN ACTIVITY | |
| | JFS / JSURDYK | SHIPPING CONTAINER FOR 12 x 56 NRC | |
| | | SIZE D / CAGE CODE 28620 | ACV00580 |
| | | SCALE / UNIT WT | SHEET 6 OF 7 |

Attachment 1-7

| REVISION | | | |
|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPROVED |
| - | PRODUCT BASELINE | [illegible] | [illegible] |

NOTES:

1. PRIOR TO STAPLING, GLUE THE SOFTWOOD PIECES TO THE PLYWOOD WITH CARPENTERS WOOD GLUE OR ADHESIVE MEETING STANDARD MMM-A-187B. FASTEN STAPLES THROUGH THE PLYWOOD INTO THE SOFTWOOD USING A STAPLE GUN AND 16 GAUGE 3/4" LONG BY 1/2" WIDE STAPLES. USE ONE STAPLE FOR APPROXIMATELY EVERY 2" TO 3" OF BOARD.
2. STAPLES: ASTM F1667-95. FF-N-105B.
3. PLYWOOD: VOLUNTARY PRODUCT STANDARD PS 1-83 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD GRADE A-C.
4. LUMBER: FED SPEC MM-L-751; DOUGLAS FIR OR COMPARABLE LUMBER WITH STRAIGHT GRAIN AND FREE FROM MATERIAL DEFECTS.




END ASSEMBLY
PART NO ACV00580-7

DISTRIBUTION STATEMENT A.

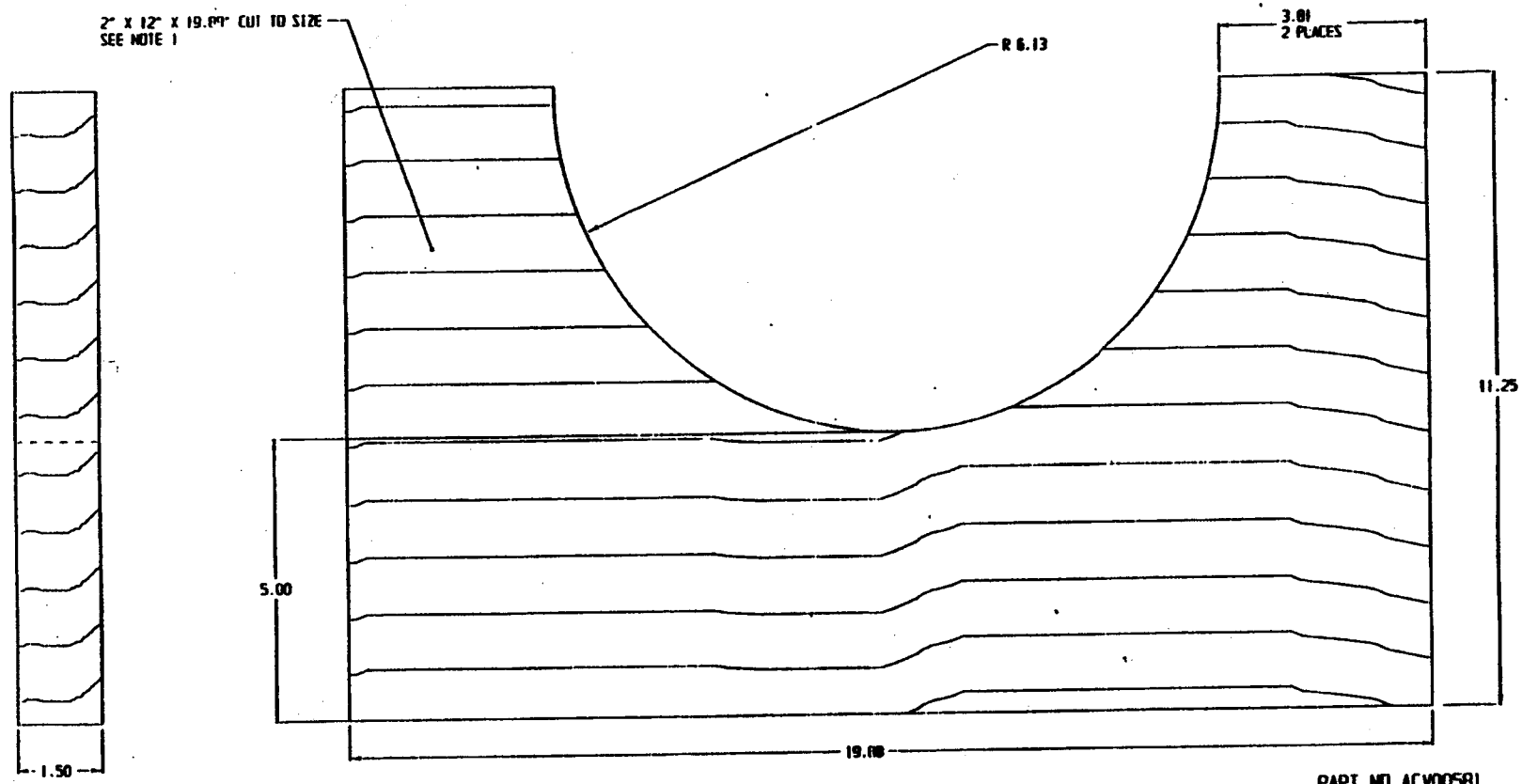
APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

| | | | |
|---|---|---|---|
| ACV00580 | 12 X 56 MM | 97-05-29 | DESIGN ACTIVITY U.S. ARMY INDUSTRIAL OPERATIONS COMMAND SEVENS ARMORY CENTER SAVANNAH, ILLINOIS 60616 |
| APPLICATION | | | SHIPPING CONTAINER FOR 12 X 56 MM |
| | | | ACV00580 |

| REVISION | | | |
|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPROVED |
| - | PRODUCT BASELINE | [illegible] | [illegible] |

NOTES:

1. LUMBER: FED SPEC MM-L-751; DOUGLAS FIR OR COMPARABLE LUMBER WITH STRAIGHT GRAIN AND FREE FROM MATERIAL DEFECTS.
2. ALL DIMENSIONS GIVEN IN DRAWING ARE NOMINAL UNLESS OTHERWISE INDICATED.




PART NO ACV00581

6 REQUIRED

DISTRIBUTION STATEMENT A.

APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

| | | | |
|---|---|---|---|
| APPLICATION | 97-05-29 | JFS | JSURDYK |
| | | | |

LOWER CRADLE OF SHIPPING CONTAINER FOR 12 X 56 MRC

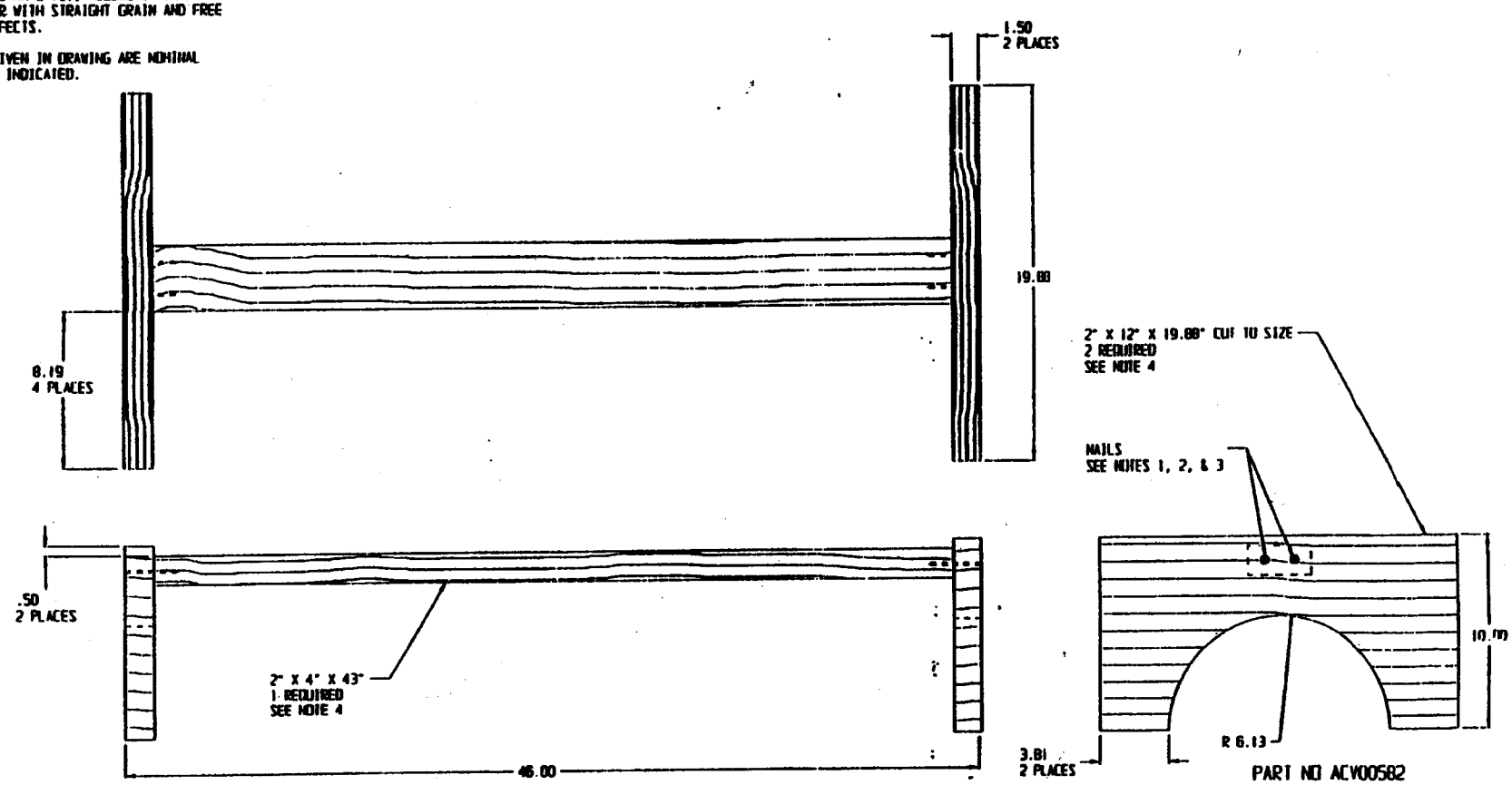
| SIZE | CAGE CODE | |
|---|---|---|
| D | 28620 | ACV00581 |

SCALE | UNIT WT | SHEET 1 OF 1

Attachment 002

NOTES:

1. NAIL AS INDICATED USING 10d NAILS (4 REQUIRED).
2. NAILS: FED SPEC FF-N-105; COMMON.
3. NAILS MUST BE AT LEAST 1/2" FROM ANY EDGE.
4. LUMBER: FED SPEC MM-L-751; DOUGLAS FIR OR COMPARABLE LUMBER WITH STRAIGHT GRAIN AND FREE FROM MATERIAL DEFECTS.
5. ALL DIMENSIONS GIVEN IN DRAWING ARE NOMINAL UNLESS OTHERWISE INDICATED.




PART NO ACV00582

1 REQUIRED

DISTRIBUTION STATEMENT A.

APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

| REVISION | | | |
|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPROVED |
| - | PRODUCT BASELINE | [illegible] | [illegible] |

97-05-29

JFS | JSURDYK

DESIGN ACTIVITY

UPPER CRADLE ASSEMBLY OF SHIPPING CONTAINER FOR 12 X 56 MRC

SIZE B | CAGE CODE 28620 | ACV00582

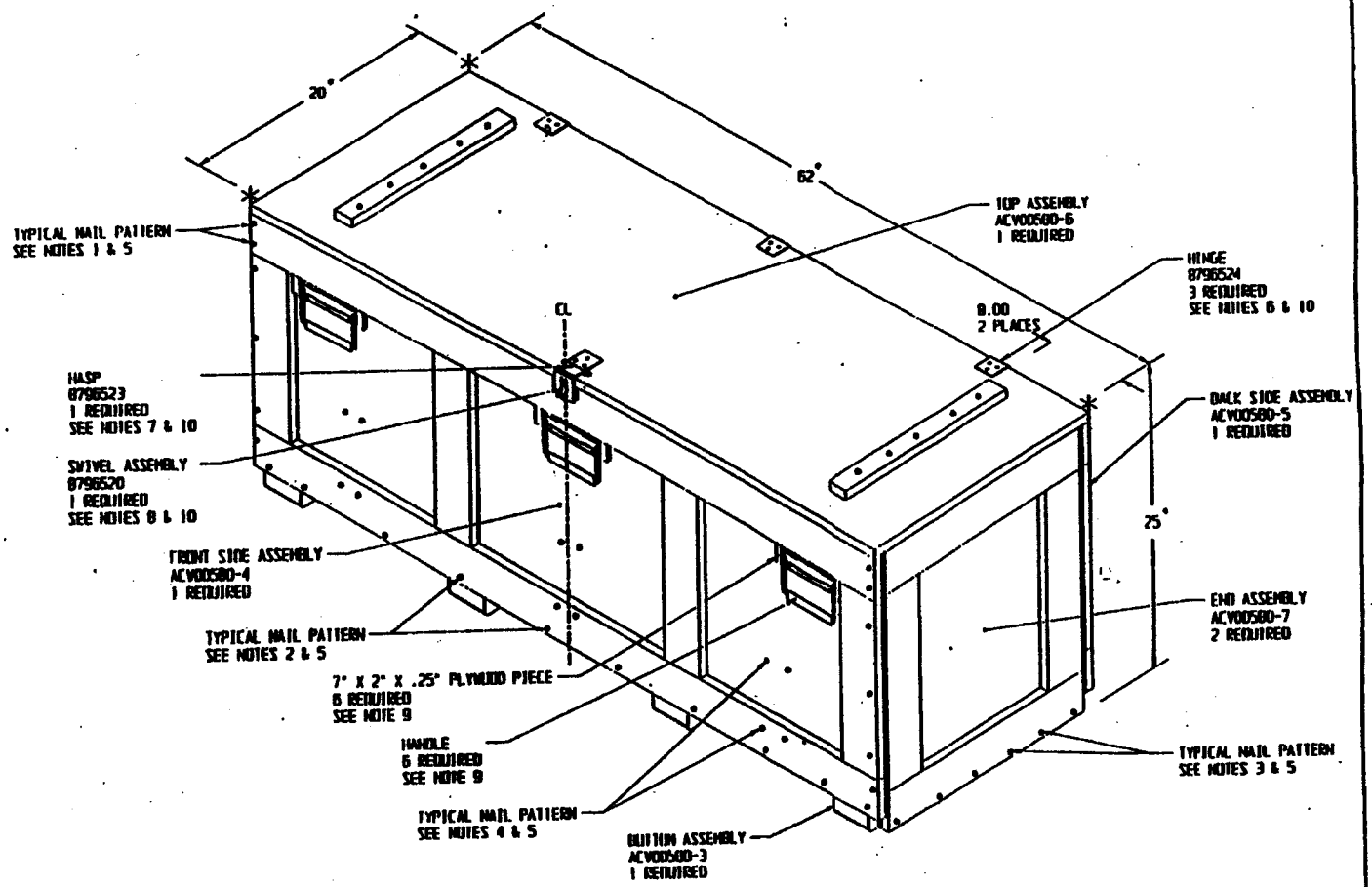
SCALE | SHEET 1 OF 1

Attachment 003

| REVISION | | | |
|---|---|---|---|
| NO | DESCRIPTION | DATE | APPROVED |
| - | PRODUCT BASELINE - | | |

NOTES:

1. NAIL THROUGH FRONT SIDE ASSEMBLY AND BACK SIDE ASSEMBLY INTO END ASSEMBLY AS INDICATED USING 6d NAILS (24 REQUIRED).
2. NAIL THROUGH FRONT SIDE ASSEMBLY AND BACK SIDE ASSEMBLY INTO BOTTOM ASSEMBLY AS INDICATED USING 6d NAILS (20 REQUIRED).
3. NAIL THROUGH END ASSEMBLY INTO BOTTOM ASSEMBLY AS INDICATED USING 6d NAILS (12 REQUIRED).
4. ATTACH SIX LOWER CRADLES WITH FOUR 6d NAILS EACH. ATTACH TWO PLYWOOD PIECES WITH TWO 3/4" STAPLES EACH. SEE SHEET 2 FOR POSITIONING OF LOWER CRADLES AND PLYWOOD PIECES.
5. NAILS: FED SPEC FF-N-105: COMMON.
6. SECURE HINGES TO TOP ASSEMBLY AND BACK SIDE ASSEMBLY USING 3/4" NO. 7 SCREWS (12 REQUIRED). ALTERNATE HINGE: NATIONAL MFG. CO. 1-1/2" X 3/4" PLAIN STEEL CABINET HINGE.
7. INSERT HASP KNUCKLE INTO GROOVE IN TOP ASSEMBLY AND SECURE HASP TO FRONT CENTER OF TOP ASSEMBLY AS INDICATED USING NO. 7 SCREWS (3 REQUIRED).
8. ALIGN SWIVEL ASSEMBLY AT TOP CENTER OF FRONT SIDE ASSEMBLY AS INDICATED TO ALLOW CONNECTION WITH HASP AND SECURE WITH TWO NO. 7 SCREWS.
9. PLACE PLYWOOD IN CORNER FORMED BY SOFTWOOD PIECES (2 PLACES) AND AGAINST CENTER OF TOP SOFTWOOD PIECE (1 PLACE). PLACE SURFACE MOUNT HANDLE MODEL NUMBER CCN-5305 FROM MISTHI HARDWARE, INC. OR EQUIVALENT AT TOP EDGE OF PLYWOOD PIECE APPROXIMATELY 1 INCH FROM CORNER (2 PLACES) OR AT TOP CENTER OF PLYWOOD PIECE (1 PLACE). DRILL THROUGH PLYWOOD AND ATTACH HANDLES USING STAINLESS STEEL 1/2" 10-24 ROUND HEAD PHILLIPS SCREWS AND ZINC PLATED STEEL TEE NUTS (15 EACH REQUIRED). REPEAT PROCEDURE FOR BACK SIDE ASSEMBLY.
10. SCREWS: FED SPEC FF-N-105.
11. ALL DIMENSIONS GIVEN IN DRAWING ARE NOMINAL UNLESS OTHERWISE INDICATED.




PART NO ACV00580

DISTRIBUTION STATEMENT A.

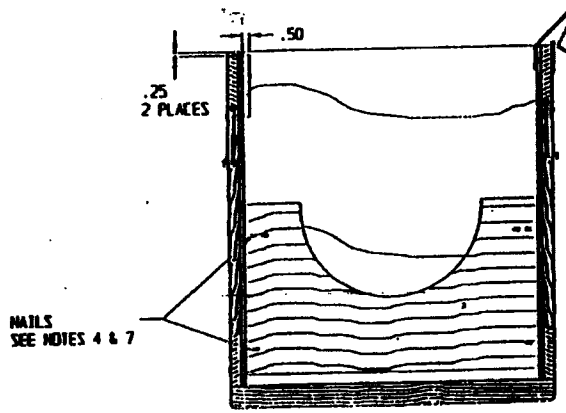
APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

| | | | |
|---|---|---|---|
| 12 X 56 MRC | 97-05-29 | DESIGN ACTIVITY: U.S. ARMY PROJECTILE DISTRIBUTION DEPOT, BLUE GRASS ARMY DEPOT, BLUE GRASS, KENTUCKY 40510-5000 | |
| NEXT ASSY | JFS / JSURDYK | SHIPPING CONTAINER FOR 12 X 56 MRC | |
| APPLICATION | | SIZE D / CAGE CODE 28820 | ACV00580 |
| | | SCALE / UNIT WT | SHEET 1 OF 7 |

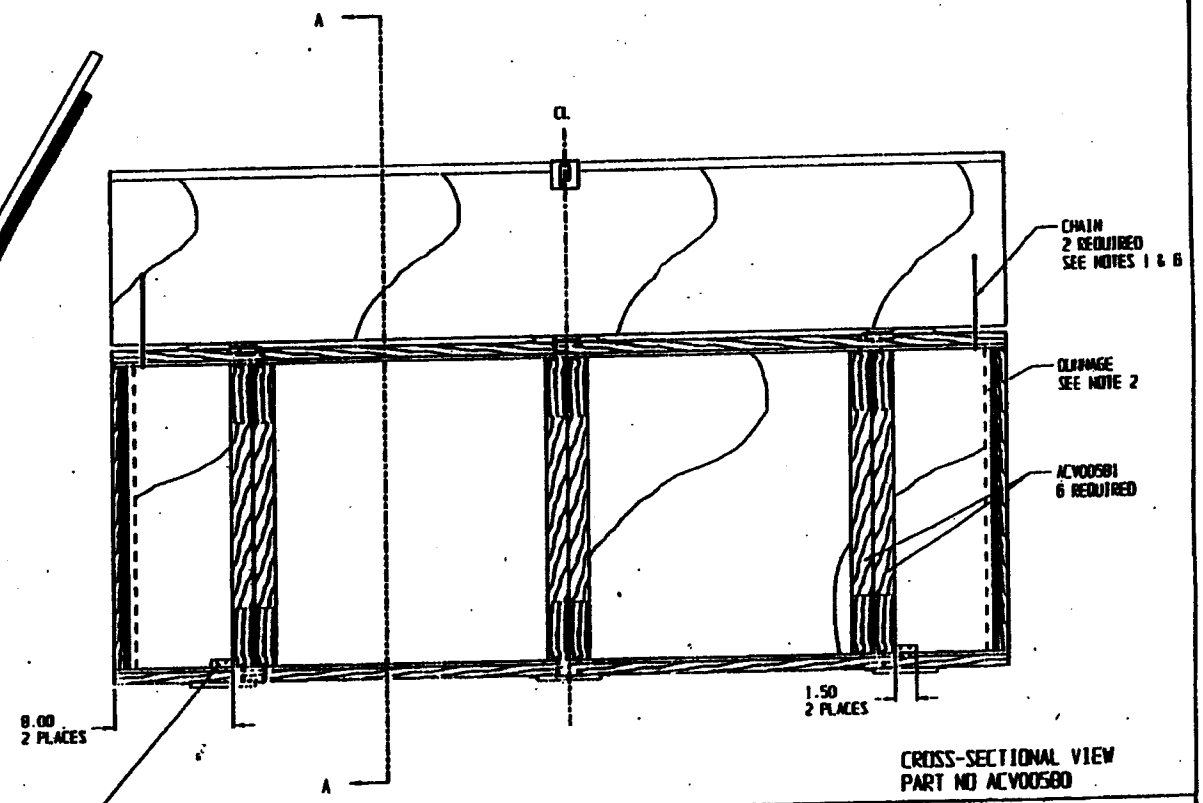
| REVISION | | | |
|---|---|---|---|
| SYM | DESCRIPTION | DATE | APPROVED |
| - | PRODUCT BASELINE | | |

NOTES:

1. ATTACH TWO APPROXIMATELY 9 INCH LONG MCMASTER-CARR SAFETY CHAINS PART NO. 3608151 OR EQUIVALENT BY THEIR ENDS TO PLYWOOD OF TOP ASSEMBLY AND BACK SIDE ASSEMBLY WITH 3/4" NO. 7 SCREWS (4 REQUIRED) AS INDICATED, SO THAT HINGES SWING OPEN 110°-130° WHEN SHIPPING CONTAINER IS OPENED.
2. ADDITIONAL PLYWOOD OR OTHER SUITABLE PACKAGING MATERIAL MAY BE ADDED TO AREAS AT EACH END OF THE MRC SHIPPING CONTAINER TO ACHIEVE A TIGHTER FIT.
3. CENTER ACV00582 OVER LOWER CRADLES BEFORE CLOSING SHIPPING CONTAINER.
4. NAIL THROUGH FRONT SIDE ASSEMBLY AND BACK SIDE ASSEMBLY INTO LOWER CRADLES AS INDICATED USING 6d NAILS (24 REQUIRED).
5. STAPLE PLYWOOD PIECE USING TWO 3/4" LONG BY 1/2" WIDE STAPLES (4 REQUIRED).
6. SCREWS: FED SPEC FF-N-105.
7. NAILS: FED SPEC FF-N-105: COMMON.
8. STAPLES: ASTM F1667-95: FED SPEC FF-N-1058.
9. PLYWOOD: VOLUNTARY PRODUCT STANDARD PS 1-03 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD GRADE A-C.




VIEW A-A




CROSS-SECTIONAL VIEW
PART NO ACV00580

4" X 1.50" X .50" PLYWOOD PIECE
2 REQUIRED
SEE NOTES 5, 8, & 9

DISTRIBUTION STATEMENT A.

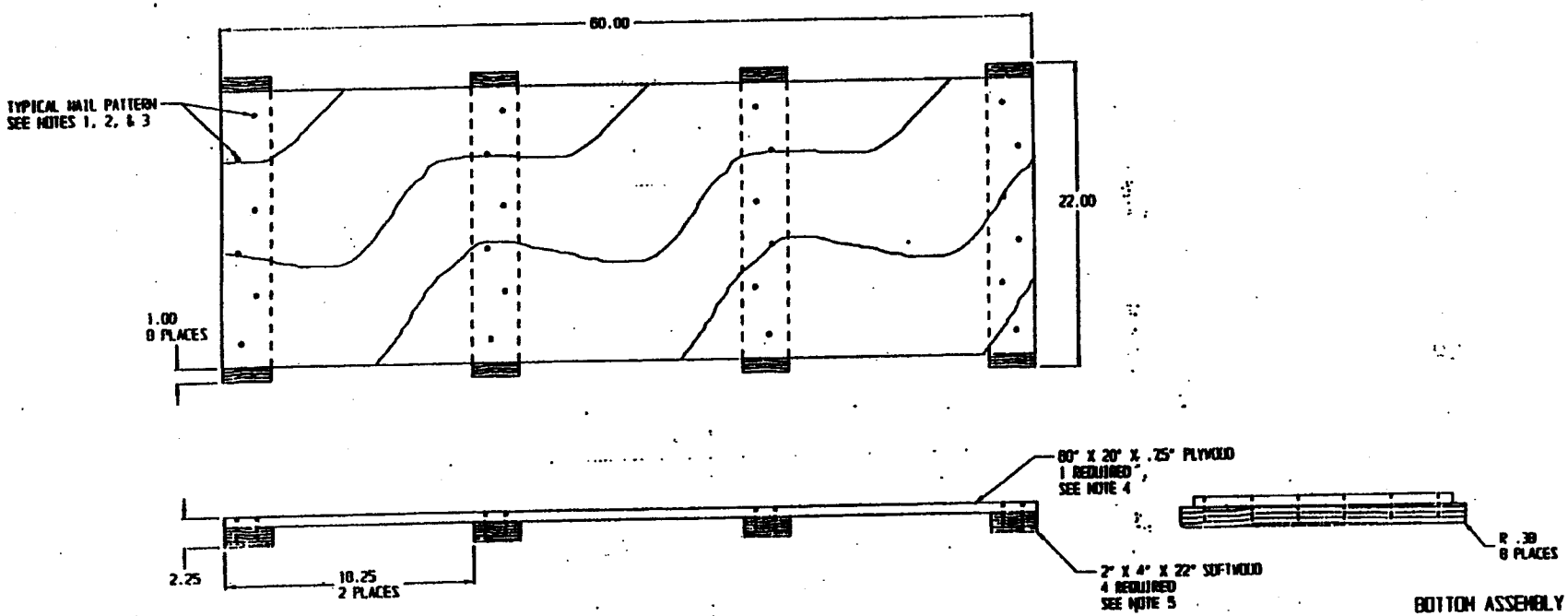
APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

| | | | |
|---|---|---|---|
| 12 X 56 MRC | | 97-05-29 | SHIPPING CONTAINER FOR 12 X 56 MRC |
| NEXT ASSY | USED ON | JFS / JSUROYK | |
| APPLICATION | | | SIZE D / CAGE CODE 28620 / ACV00580 |
| | | | SCALE / SHEET 2 OF 7 |

| REVISION | | | |
|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPROVED |
| - | PRODUCT BASELINE | [illegible] | [illegible] |

NOTES:

1. NAIL THROUGH PLYWOOD INTO SOFTWOOD AS INDICATED USING 6d NAILS (24 REQUIRED).
2. NAILS: FED SPEC FF-N-105: COMMON.
3. NAILS MUST BE AT LEAST 1/2" FROM ANY EDGE.
4. PLYWOOD: VOLUNTARY PRODUCT STANDARD PS 1-83 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD GRADE A-C.
5. LUMBER: FED SPEC MM-L-751; DOUGLAS FIR OR COMPARABLE LUMBER WITH STRAIGHT GRAIN AND FREE FROM MATERIAL DEFECTS.




BOTTOM ASSEMBLY
PART NO ACV00580-3

1 REQUIRED

DISTRIBUTION STATEMENT A.

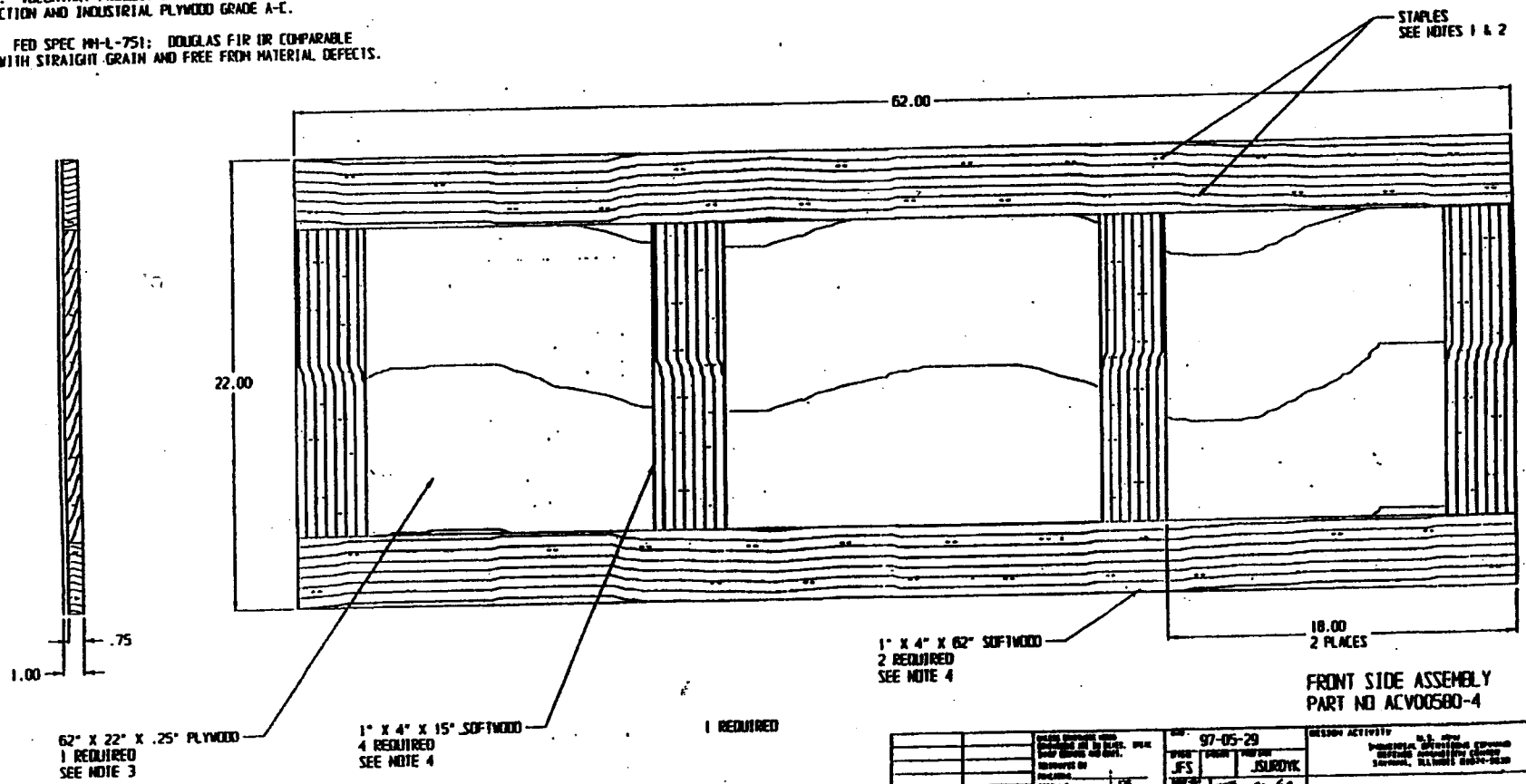
APPROVED FOR PUBLIC RELEASE:
DISTRIBUTION IS UNLIMITED.

| | | | |
|---|---|---|---|
| 97-05-29 | JFS | JSUROYK | DESIGN ACTIVITY U.S. ARMY INDUSTRIAL OPERATIONS COMMAND DEFENSE AMMUNITION CENTER SAVANNA, ILLINOIS 61074-9639 |
| | | | SHIPPING CONTAINER FOR 12 X 56 MRC |
| APPLICATION | | | SIZE D · CAGE CODE 28620 · ACV00580 · SCALE · UNIT WT · SHEET 3 OF 7 |

| REVISION | | | |
|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPROVED |
| - | PRODUCT BASELINE | [illegible] | [illegible] |

NOTES:

1. PRIOR TO STAPLING, GLUE THE SOFTWOOD PIECES TO THE PLYWOOD WITH CARPENTERS WOOD GLUE OR ADHESIVE MEETING STANDARD MMM-A-187B. FASTEN STAPLES THROUGH THE PLYWOOD INTO THE SOFTWOOD USING A STAPLE GUN AND 16 GAUGE 3/4" LONG BY 1/2" WIDE STAPLES. USE ONE STAPLE FOR APPROXIMATELY EVERY 2"-3" OF BOARD.
2. STAPLES: ASTM F1667-95; FED SPEC 1050.
3. PLYWOOD: VOLUNTARY PRODUCT STANDARD PS 1-83 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD GRADE A-C.
4. LUMBER: FED SPEC MM-L-751; DOUGLAS FIR OR COMPARABLE LUMBER WITH STRAIGHT GRAIN AND FREE FROM MATERIAL DEFECTS.




FRONT SIDE ASSEMBLY
PART NO ACV00580-4

DISTRIBUTION STATEMENT A.

APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

| | | | |
|---|---|---|---|
| ACV00580 | 12 X 56 MRC | | |
| NEXT ASSY | USED ON | | |
| APPLICATION | | | |

97-05-29
JFS | JSURDYK

DESIGN ACTIVITY
U.S. ARMY
INDUSTRIAL OPERATIONS COMMAND
DEFENSE AMMUNITION CENTER
SAVANNA, ILLINOIS 61074-9639

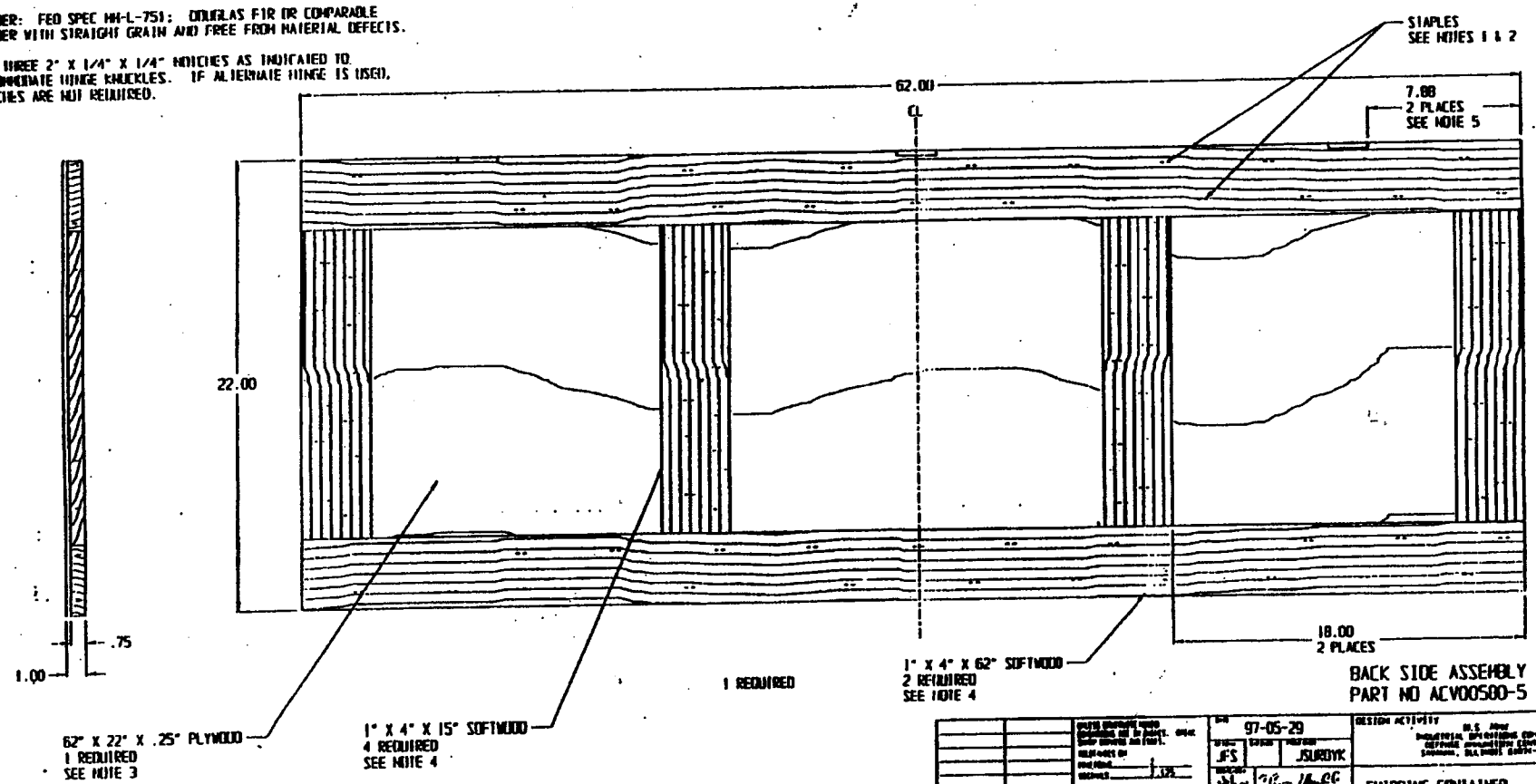
SHIPPING CONTAINER
FOR 12 X 56 MRC

| SIZE | CAGE CODE | |
|---|---|---|
| D | 28620 | ACV00580 |
| SCALE | UNIT WT | SHEET 4 OF 7 |

| REVISION | | | |
|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPROVED |
| - | PRODUCT BASELINE | [illegible] | [illegible] |

NOTES:

1. PRIOR TO STAPLING, GLUE THE SOFTWOOD PIECES TO THE PLYWOOD WITH CARPENTERS WOOD GLUE OR ADHESIVE MEETING STANDARD MMM-A-1078. FASTEN STAPLES THROUGH THE PLYWOOD INTO THE SOFTWOOD USING A STAPLE GUN AND 16 GAUGE 3/4" LONG BY 1/2" WIDE STAPLES. USE ONE STAPLE FOR APPROXIMATELY EVERY 2"-3" OF BOARD.
2. STAPLES: ASTM F1667-95; FED SPEC 1058.
3. PLYWOOD: VOLUNTARY PRODUCT STANDARD PS 1-83 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD GRADE A-C.
4. LUMBER: FED SPEC MM-L-751; DOUGLAS FIR OR COMPARABLE LUMBER WITH STRAIGHT GRAIN AND FREE FROM MATERIAL DEFECTS.
5. CUT THREE 2" X 1/4" X 1/4" NOTCHES AS INDICATED TO ACCOMMODATE HINGE KNUCKLES. IF ALTERNATE HINGE IS USED, NOTCHES ARE NOT REQUIRED.




BACK SIDE ASSEMBLY
PART NO ACV00580-5

DISTRIBUTION STATEMENT A.

APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

| | | | |
|---|---|---|---|
| ACV00580 | 12 X 56 MRC | | |
| NEXT ASSY | USED ON | | |
| APPLICATION | | | |

97-05-29
JFS JSURDYK

DESIGN ACTIVITY
U.S. ARMY
INDUSTRIAL OPERATIONS COMMAND
DEFENSE AMMUNITION CENTER
SHANNON, ILLINOIS 61074-9630

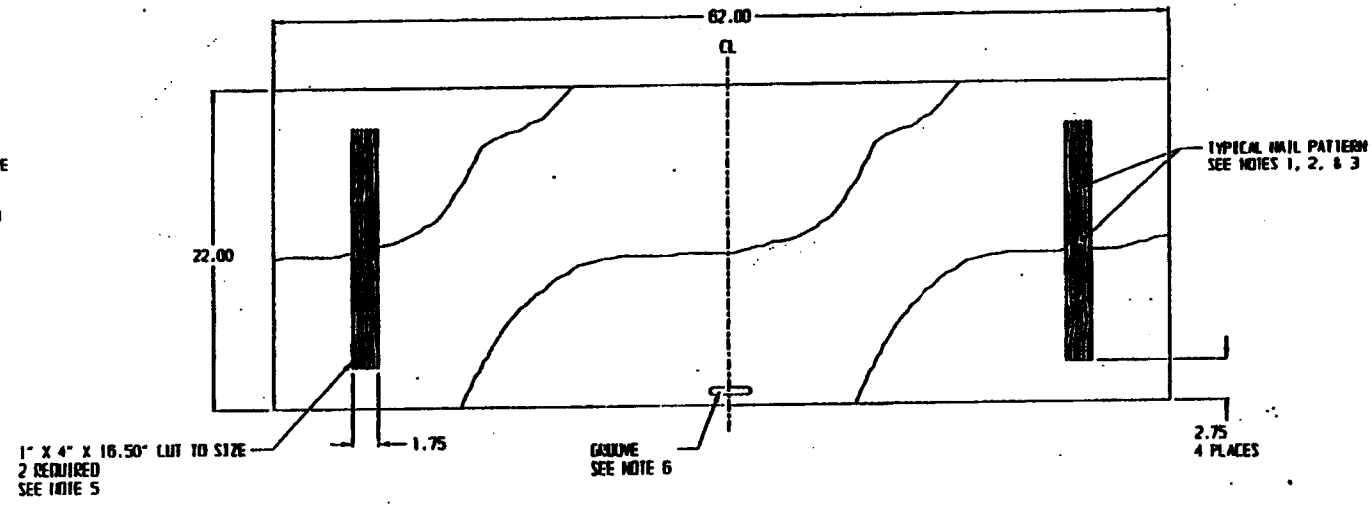
SHIPPING CONTAINER
FOR 12 X 56 MRC

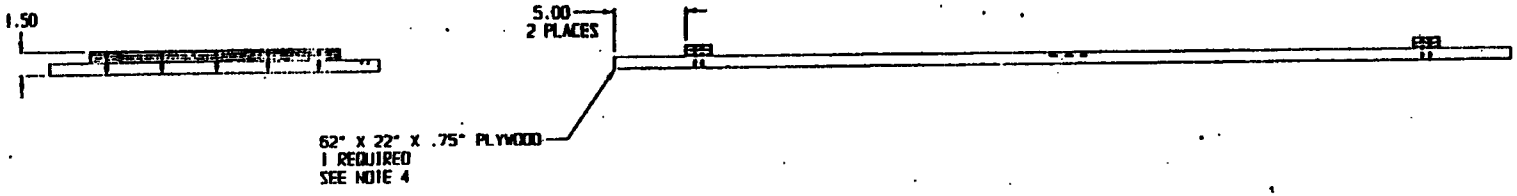
| SIZE | CAGE CODE | |
|---|---|---|
| B | 28620 | ACV00580 |
| SCALE | UNIT WT | SHEET 5 OF 7 |

| REVISION | | | |
|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPROVED |
| - | PRODUCT BASELINE | 9/3/98 | [illegible] |

NOTES:

1. NAIL THROUGH SOFTWOOD INTO PLYWOOD AS INDICATED USING 3d NAILS (10 REQUIRED).
2. NAILS: FED SPEC FF-N-105; COMMON.
3. NAILS MUST BE AT LEAST 1/2" FROM ANY EDGE.
4. PLYWOOD: VOLUNTARY PRODUCT STANDARD PS 1-83 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD GRADE A-C.
5. LUMBER: FED SPEC MM-L-751; DOUGLAS FIR OR COMPARABLE LUMBER WITH STRAIGHT GRAIN AND FREE FROM MATERIAL DEFECTS.
6. CUT 2 1/2" X 1/2" X 1/4" NOTCH AS INDICATEDTO ACCOMMODATE HASP KNUCKLE.




1 REQUIRED

TOP ASSEMBLY
PART NO ACV00500-6

DISTRIBUTION STATEMENT A.

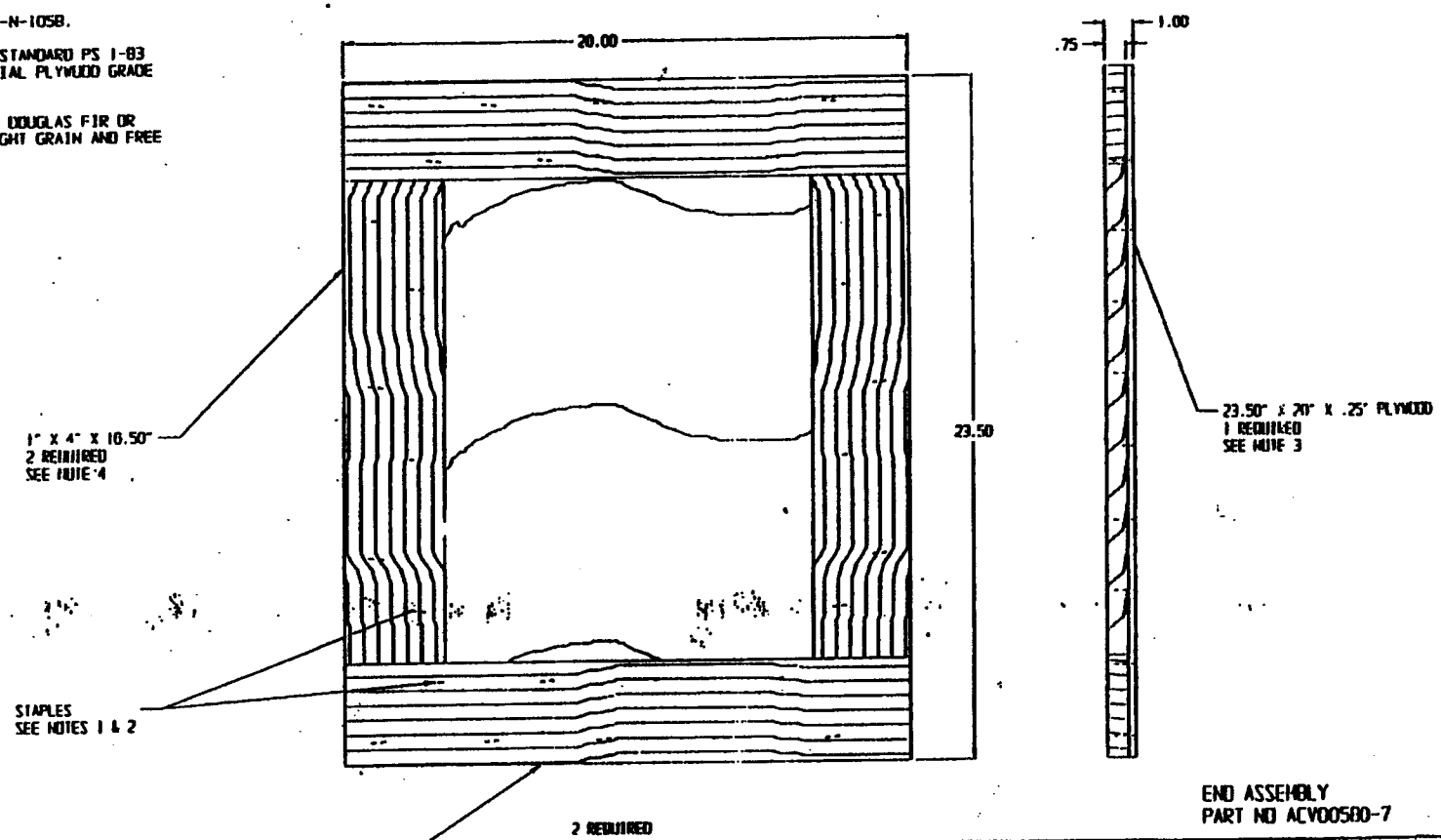
APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

| | | | |
|---|---|---|---|
| APPLICATION | 12 X 56 MRC | 97-05-29 | DESIGN ACTIVITY |
| | | JFS / JSURDYK | SHIPPING CONTAINER FOR 12 x 56 MRC |
| | | | SIZE B / CAGE CODE 28620 / ACV00580 |
| | | | SCALE / UNIT WT / SHEET 6 OF 7 |

| REVISION | | | |
|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPROVED |
| - | PRODUCT BASELINE | [illegible] | [illegible] |

NOTES:

1. PRIOR TO STAPLING, GLUE THE SOFTWOOD PIECES TO THE PLYWOOD WITH CARPENTERS WOOD GLUE OR ADHESIVE MEETING STANDARD MMM-A-1878. FASTEN STAPLES THROUGH THE PLYWOOD INTO THE SOFTWOOD USING A STAPLE GUN AND 16 GAUGE 3/4" LONG BY 1/2" WIDE STAPLES. USE ONE STAPLE FOR APPROXIMATELY EVERY 2" TO 3" OF BOARD.
2. STAPLES: ASTM F1667-95. FF-N-105B.
3. PLYWOOD: VOLUNTARY PRODUCT STANDARD PS 1-83 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD GRADE A-C.
4. LUMBER: FED SPEC MM-L-751; DOUGLAS FIR OR COMPARABLE LUMBER WITH STRAIGHT GRAIN AND FREE FROM MATERIAL DEFECTS.

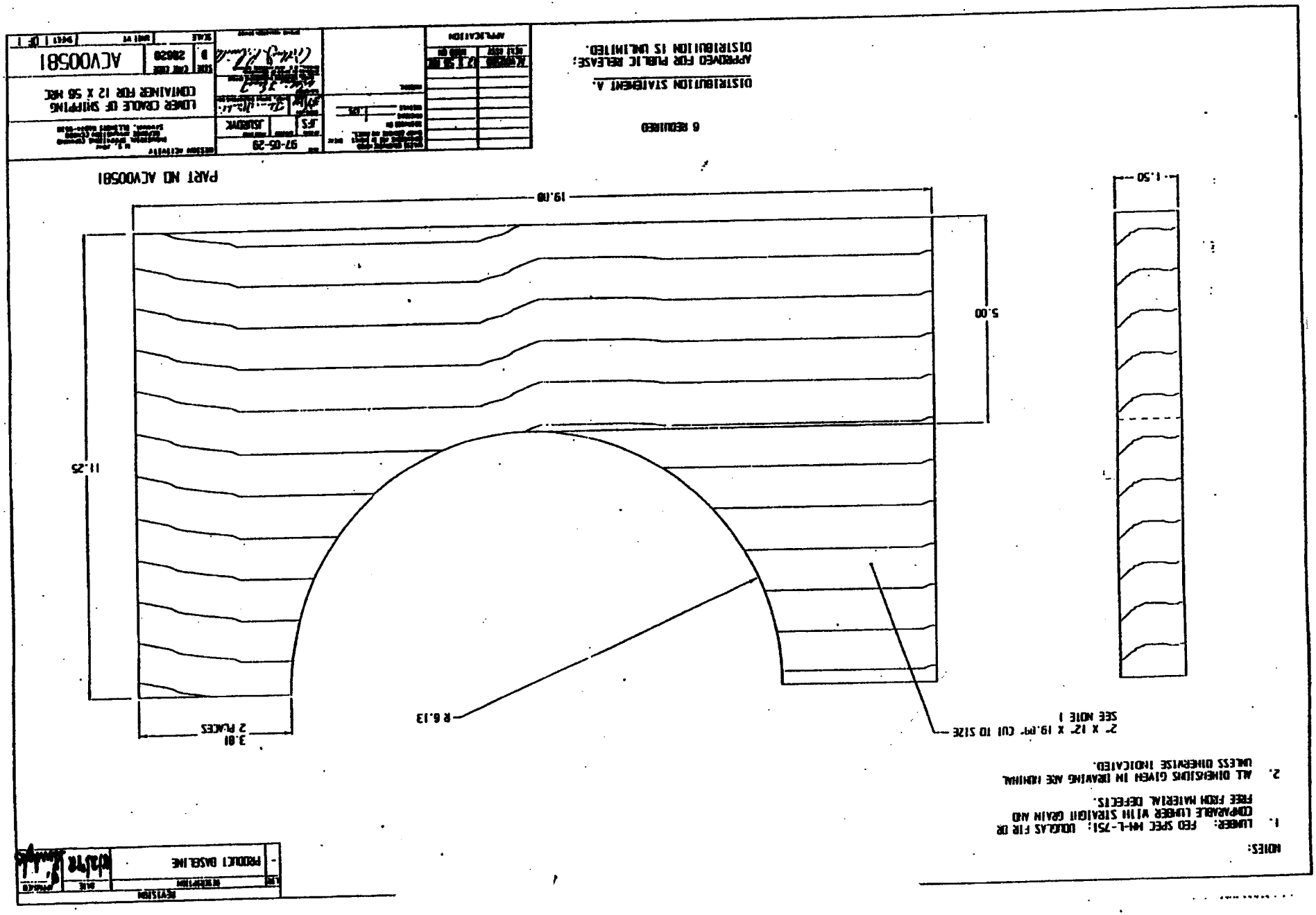



END ASSEMBLY
PART NO ACV00580-7

DISTRIBUTION STATEMENT A.

APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

| | | | |
|---|---|---|---|
| APPLICATION | 97-05-29 | DESIGN ACTIVITY | SHIPPING CONTAINER FOR 12 X 56 MRS |
| | | | ACV00580 |

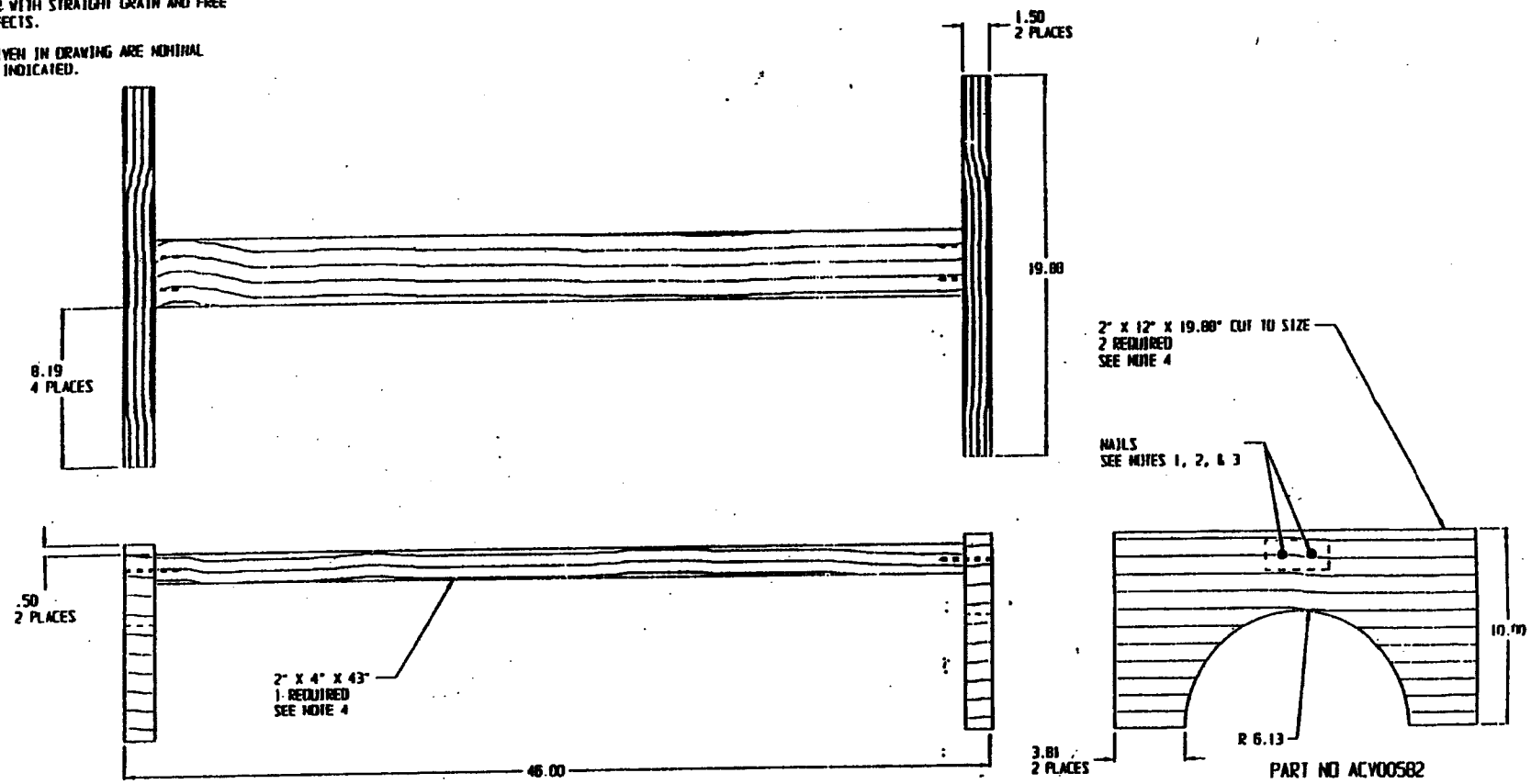



DAAE20-03-T-0435
Attachment 2
Shipping Containers for 12x56 MRCs

| REVISION | | | |
|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPROVED |
| - | PRODUCT BASELINE | 8/3/98 | |

NOTES:

1. NAIL AS INDICATED USING 10d NAILS (4 REQUIRED).
2. NAILS: FED SPEC FF-N-105; COMMON.
3. NAILS MUST BE AT LEAST 1/2" FROM ANY EDGE.
4. LUMBER: FED SPEC MM-L-751; DOUGLAS FIR OR COMPARABLE LUMBER WITH STRAIGHT GRAIN AND FREE FROM MATERIAL DEFECTS.
5. ALL DIMENSIONS GIVEN IN DRAWING ARE NOMINAL UNLESS OTHERWISE INDICATED.




1 REQUIRED

DISTRIBUTION STATEMENT A.

APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

| | | | |
|---|---|---|---|
| ACV00582 | 12 X 56 MRC | 97-05-29 | DESIGN ACTIVITY |
| NEXT ASSY | USED ON | JFS / JSURDYK | UPPER CRADLE ASSEMBLY OF SHIPPING CONTAINER FOR 12 X 56 MRC |
| APPLICATION | | | SIZE B / CAGE CODE 28620 / ACV00582 |