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University of South Carolina
 Purchasing Department
 1600 Hampton Street, 6th floor
 Columbia, SC 29208
 Telephone: (803) 777-4115

Request for Quotation
Page One

THIS IS NOT AN ORDER

Quotation must be received No Later Than: 11:00 AM 05 14 2013	Send quotation to above address Attention of: Michelle Robinson <i>MR</i>	Quotation Number: USC-RFQ-2430-MR	Date 05 06 2013
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Print company name and address:

e-mail address:

Please quote your lowest delivered price of the items(s) listed below. The Purchasing Department reserves the right to reject any or all quotes and to waive any or all technicalities.

1. If an item cannot be furnished, indicate by **NO QUOTE**.
2. All quotes must be signed by the vendor's representative and terms noted, failure to comply with this instruction may result in disqualification of the quote.
3. **FAXED QUOTES ACCEPTABLE. FAX # (803) 777-2032**

Federal I.D. or Social Security No. _____ SC Minority Certification Number (If Applicable) _____

Submitted By (Print Name) _____ Signature _____ Telephone _____

Item No.	Quantity and Unit	Description of Commodity or Services	Unit Price	Total Price
1	6 each	Build and assemble Counter Crates with foam sets as per the attached drawings I.D. - 15'-7-1/2" x 22" x 27-1/2" O.D. - 16' x 26" x 35-1/2" Crates must be delivered within 2 weeks of receipt of Purchase Order. Direct all questions in writing to Michelle Robinson office #: (803) 777-5253; fax #: (803) 777-2032 e-mail: marobins@mailbox.sc.edu Award will be made to one vendor Bid/quote only as specified. NOTE: E-MAIL AND FAX QUOTES ARE ACCEPTABLE		\$ _____

GENERAL CONDITIONS

DEFAULT: In case of default by the Contractor, the University of South Carolina reserves the right to purchase any or all items in default in the open market, charging the Contractor with any additional costs. The defaulting Contractor shall not be considered a responsible bidder until the assessed charge has been satisfied.

All amendments to and interpretation of this RFQ shall be in writing. The procurement officer shall not be legally bound by any amendment or interpretation that is not in writing.

SC/US PREFERENCE: In order to receive the South Carolina/United States made, manufactured or grown end-product preference, you must check the appropriate space (s) provided on the face of the quotation form. This preference does not apply to services.

Any contract entered into by the University of South Carolina or its agencies resulting from this quotation shall be subject to cancellation at the end of any fiscal or appropriated year unless otherwise provided by law.

Payment will be made in accordance with Section 11-35-45 of the South Carolina Consolidated Procurement Code and Disbursement Regulations. Delay in receiving invoices, as well as errors and omissions on the invoices, will be considered just cause for withholding payment without losing discount privileges. The University reserves the right to withhold payment or make such deductions as may be necessary to protect the University from loss or damage because of defective work, claims, damages or to pay for repair of correction of materials furnished hereunder.

Quoted prices must remain firm for a period of thirty days beyond the Request for Quotation deadline. Unit prices will govern over extended prices unless otherwise stated.

The University of South Carolina shall consider payment discounts in the award of this contract when such discounts are for thirty days or more after final inspection and acceptance of contract requirements. Payment discounts for less than thirty days are encouraged but shall not be a factor in award determination. Please state your discount terms using the above referenced information as the University's position on the matter.

All materials and products offered must be guaranteed to meet and comply with the requirements all the specifications, terms and conditions indicated or referred to.

The award will be made in accordance with Section 11-35-1520 of the South Carolina Consolidated Procurement Code.

The University reserves the right to reject any and all quotations and to cancel the solicitation; waive any and all technicalities; the University reserves the right to reject any quotation in which the delivery time indicated to be of substantial length to cause disruption and/or delay in operation for which the item(s) is/are intended; ambiguous quotations which are uncertain as to terms, delivery, quantity or compliance with specifications may be rejected.

The successful contractor assumes sole responsibility and shall hold harmless the University of South Carolina, its directors, officers, employees and agents from and against any and all claims, actions or liabilities of any nature which may be asserted against them by third parties in connection with the

performance of the successful bidder, its directors, officers, employees and agents under this agreement. The University of South Carolina agrees to accept responsibility for claims, actions or liabilities resulting from negligent acts of its employees occurring within the scope of their employment which may be asserted against them by third parties in connection with the performance of the University of South Carolina, its members, directors, officers, employees and agents under this agreement.

Contractor agrees not to refer to award of this contract in commercial advertising in such a manner to state or imply that the products or service provided are endorsed or preferred by the user.

Upon award of a contract under this quotation, the person, partnership, association or corporation to whom the award is made must comply with the laws of South Carolina that require such person or entity to be authorized and/or licensed to do business in this State. Notwithstanding the fact that applicable statutes may be exempt or exclude the successful quoter from requirements that it be authorized and/or licensed to do business in this State, by submission of this signed quote, the quoter agrees to subject itself to the jurisdiction and process of the courts of the State of South Carolina as to all matters and disputes arising or to arise under the contract and the performance thereof, including any questions as to the liability for taxes, licenses or fees levied by the State.

Termination: Subject to the provisions below, the contractor may be terminated for any reason by the University providing a thirty-day advance notice in writing is given to the contractor.

Termination for Convenience: In the event that this contract is terminated or cancelled upon request and for the convenience of the University may negotiate reasonable termination costs, if applicable.

Termination for Cause: Termination by the University for cause, default, or negligence on the part of the Contractor shall be excluded from the foregoing provisions; termination costs, if any, shall not apply. The thirty day advance notice requirement is waived and the default provision in this bid shall apply.

HIPAA Law: The Contractor agrees that to the extent that some or all of the activities within the scope of this Contract are subject to the Health Insurance Portability Accountability Act of 1996, P.L. 104-91, as amended ("HIPAA"), or its implementing regulations, it will comply with the HIPAA requirements and will execute such agreements and practices as the University of South Carolina may require to ensure compliance. Additional information may be viewed at: <http://www.sc.edu/hipaa/>

SPECIAL CONDITIONS

LICENSES, PERMITS, INSURANCE: All costs for required licenses, permits and insurance shall be borne by the Bidder.

The University of South Carolina requires all contractual activities to be performed in a manner that is consistent with all applicable federal, state and local laws, regulations, rules, rulings and ordinances. These include, but are not limited to: the Occupational safety and Health Act, The Environmental Protection Act, The South Carolina Hazardous Waste Management Act.

IMPORTANT – Please Note: Vendors, we MUST have your Federal ID # (company) or Social Security # (individual) before processing any invoices for payment. Failure to provide this information will result in delay of payments until this information is received. Please include this information with your quote.

PREFERENCES

PREFERENCES - A NOTICE TO VENDORS (SEP. 2009): On June 16, 2009, the South Carolina General Assembly rewrote the law governing preferences available to in-state vendors, vendors using in-state subcontractors, and vendors selling in-state or US end products. This law appears in Section 11-35-1524 of the South Carolina Code of Laws. A summary of the new preferences is available at www.procurement.sc.gov/preferences. ***ALL THE PREFERENCES MUST BE CLAIMED AND ARE APPLIED BY LINE ITEM, REGARDLESS OF WHETHER AWARD IS MADE BY ITEM OR LOT. VENDORS ARE CAUTIONED TO CAREFULLY REVIEW THE STATUTE BEFORE CLAIMING ANY PREFERENCES. THE REQUIREMENTS TO QUALIFY HAVE CHANGED. IF YOU REQUEST A PREFERENCE, YOU ARE CERTIFYING THAT YOUR OFFER QUALIFIES FOR THE PREFERENCE YOU'VE CLAIMED. IMPROPERLY REQUESTING A PREFERENCE CAN HAVE SERIOUS CONSEQUENCES.*** [11-35-1524(E)(4)&(6)]

PREFERENCES - SC/US END-PRODUCT (SEP 2009): Section 11-35-1524 provides a preference to vendors offering South Carolina end-products or US end-products, if those products are made, manufactured, or grown in SC or the US, respectively. An end-product is the tangible project identified for acquisition in this solicitation, including all component parts in final form and ready for the use intended. The terms "made," "manufactured," and "grown" are defined by Section 11-35-1524(A). By signing your offer and checking the appropriate space(s) provided and identified on the bid schedule, you certify that the end-product(s) is either made, manufactured or grown in South Carolina, or other states of the United States, as applicable. Preference will be applied as required by law. Post award substitutions are prohibited. See "Substitutions Prohibited - End Product Preferences (Sep 2009)" provision.

PREFERENCES - RESIDENT VENDOR PREFERENCE (SEP 2009): To qualify for the RVP, you must maintain an office in this state. An office is a nonmobile place for the regular transaction of business or performance of a particular service which has been operated as such by the bidder for at least one year before the bid opening and during that year the place has been staffed for at least fifty weeks by at least two employees for at least thirty five hours a week each. In addition, you must either: (1) maintain at a location in South Carolina at the time of the bid an inventory of expendable items which are representative of the general type of commodities for which the award will be made and which have a minimum total value, based on the bid price, equal to the lesser of fifty thousand dollars [\$50,000] or the annual amount of the contract; or (2) be a manufacturer headquartered and having an annual payroll of at least one million dollars in South Carolina and the end product being sold is either made or processed from raw materials into a finished end product by that manufacturer or its affiliate (as defined in Section 1563 of the Internal Revenue Code).

SUBSTITUTIONS PROHIBITED - END PRODUCT PREFERENCES (SEP 2009): If you receive the award as a result of the South Carolina end product or United States end product preference, you may not substitute a nonqualifying end product for a qualified end product. If you violate this provision, the State may terminate your contract for cause and you may be debarred. In addition, you shall pay to the State an amount equal to twice the difference between the price paid by the State and your evaluated price for the item for which you delivered a substitute. [11-35-1534(B)(4)]

ADDITIONAL CONDITIONS

SHIPPING / RISK OF LOSS (JAN 2006): F.O.B. Destination. Destination is the shipping dock of the Using Governmental Units’ designated receiving site, or other location, as specified herein. (See Delivery clause)

MATERIAL AND WORKMANSHIP (JAN 2006): Unless otherwise specifically provided in this contract, all equipment, material, and articles incorporated in the work covered by this contract are to be new and of the most suitable grade for the purpose intended.

SCOPE OF WORK / SPECIFICATIONS

DELIVERY / PERFORMANCE LOCATION – PURCHASE ORDER: After award, all deliveries shall be made and all services provided to the location specified by the University of South Carolina in its purchase order.

NOTE: Contractor must be able to deliver crates within two (2) weeks after the receipt of the Purchase Order. The ability to meet this criterion will be a factor in the award.

Furnish and deliver items as specified below

BID SCHEDULE

Item	Quantity	Unit of Measure	Description	Unit Price	Extended Price
1	6	Ea	Build and assemble Counter Crates with foam sets as outlined in attached drawings. I.D. – 15’-7-1/2 X 22” x 27-1/2” O.D. – 16’ x 26” x 35-1/2”		

Resident Vendor Preference _____

SC End Product Preference _____

US End Product Preference _____

Note: The commodity preferences do not apply to a bid for an item of work by the bidder if the annual price of the bidder's work exceeds \$50,000 or the total potential price of the bidder's work exceeds \$500,000. [11-35-1524 (E) (3)]

Item	Quantity	Unit of Measure	Description	Unit Price	Extended Price
2	1	Ea	Shipping Charges		

Resident Vendor Preference _____

SC End Product Preference _____

US End Product Preference _____

Note: The commodity preferences do not apply to a bid for an item of work by the bidder if the annual price of the bidder's work exceeds \$50,000 or the total potential price of the bidder's work exceeds \$500,000. [11-35-1524 (E) (3)]

Total for items 1 and 2 \$ _____

Delivery Days ARO: _____

MINORITY PARTICIPATION (JAN 2006)

Is the bidder a South Carolina Certified Minority Business? Yes NO

Is the bidder a Minority Business certified by another governmental entity? Yes NO

If so, please list the certifying governmental entity: _____

Will any of the work under this contract be performed by a SC certified Minority Business as a subcontractor? Yes NO

If so, what percentage of the total value of the contract will be performed by a SC certified Minority Business as a subcontractor? Yes NO

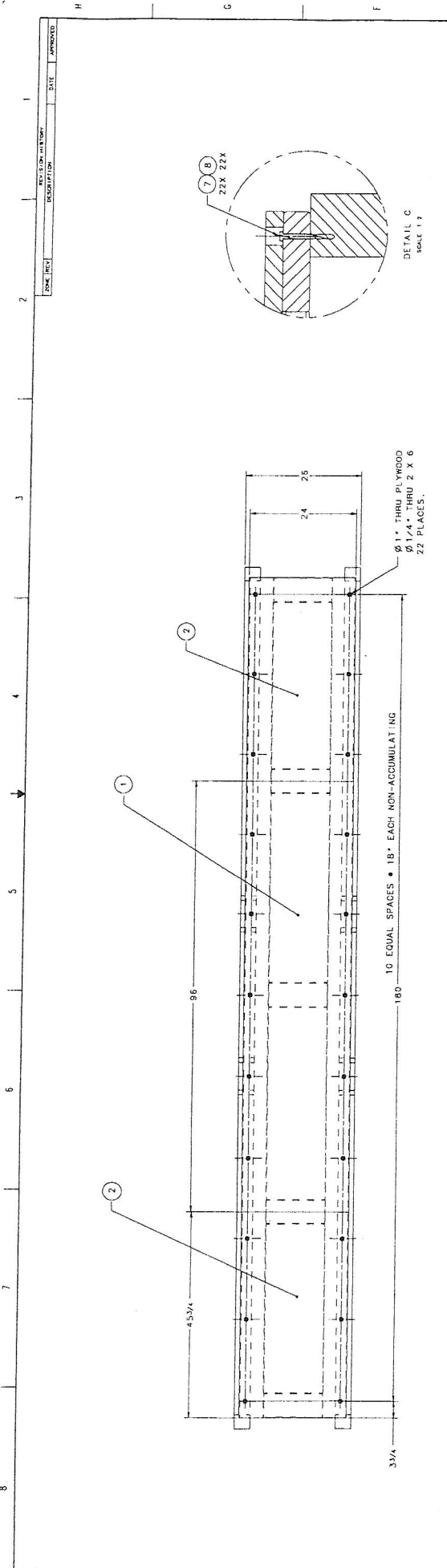
Will any of the work under this contract be performed by a minority business certified by another governmental entity as a subcontractor? Yes NO

If so, what percentage of the total value of the contract will be performed by a minority business certified by another governmental entity as a subcontractor? Yes NO

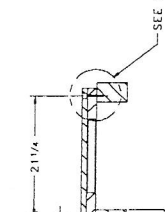
If a certified Minority Business is participating in this contract, please indicate all categories for which the Business is certified:

- Traditional minority
- Traditional minority, but female
- Women (Caucasian females)
- Hispanic minorities
- DOT referral (Traditional minority)
- DOT referral (Caucasian female)
- Temporary certification
- SBA 8 (a) certification referral
- Other minorities (Native American, Asian, etc.)

(If more than one minority contractor will be utilized in the performance of this contract, please provide the information above for each minority business.)



DETAIL C
SCALE 1/2"



SECTION A-A

NOTES:
 1. BOND ALL MATING PARTS WITH CONSTRUCTION ADHESIVE, ITEM #9.
 2. LAYOUT 2 X 6 FRAME AND ATTACH PLYWOOD AS SHOWN WITH SCREENS, ITEM #6, ON APPROX. 8" CENTERS.
 3. ATTACH BASE FRAME TO RAILS, ITEMS #5, AS SHOWN.

ITEM NO.	DESCRIPTION	QUANTITY	REVISIONS	DATE	APPROVED
1	LIQUID NAILS CONSTRUCTION ADHESIVE, HEAVY DUTY	10	0		
2	1/4" X 2.0 L.C. LUG SCREWS, HOT DIPPED GALVANIZED	22	0		
3	1/4" FLATWASHER	22	0		
4	3/16 X 2.0 L.C. SQUARE DRIVE SCREWS	70	0		
5	2" X 6" NOMINAL X 192"	2	0		
6	KILN DRIED LUMBER 2" X 6" NOMINAL X 192"	2	0		
7	KILN DRIED LUMBER 2" X 6" NOMINAL X 187 1/2"	2	0		
8	PLYWOOD 1" X 48" X 45 3/4"	2	0		
9	PLYWOOD 1" X 48" X 95"	1	0		
10	PIE	1	0		
11	PIE	1	0		

EACH SHEET OF MULTI-SHEET DRAWINGS SHALL ALWAYS HAVE THE SAME REVISION LEVEL.	
DATE	SCALE
DATE	SCALE
DATE	SCALE
DATE	SCALE
DATE	SCALE
DATE	SCALE

SEE PARTS LIST

DO NOT SCALE DRAWING

Division Lab

SHOP DRAWING

SHIPPING TRAY

BASE ASSEMBLY

REV. 1

REV. 2

REV. 3

REV. 4

REV. 5

REV. 6

REV. 7

REV. 8

REV. 9

REV. 10

REV. 11

REV. 12

REV. 13

REV. 14

REV. 15

REV. 16

REV. 17

REV. 18

REV. 19

REV. 20

REV. 21

REV. 22

REV. 23

REV. 24

REV. 25

REV. 26

REV. 27

REV. 28

REV. 29

REV. 30

REV. 31

REV. 32

REV. 33

REV. 34

REV. 35

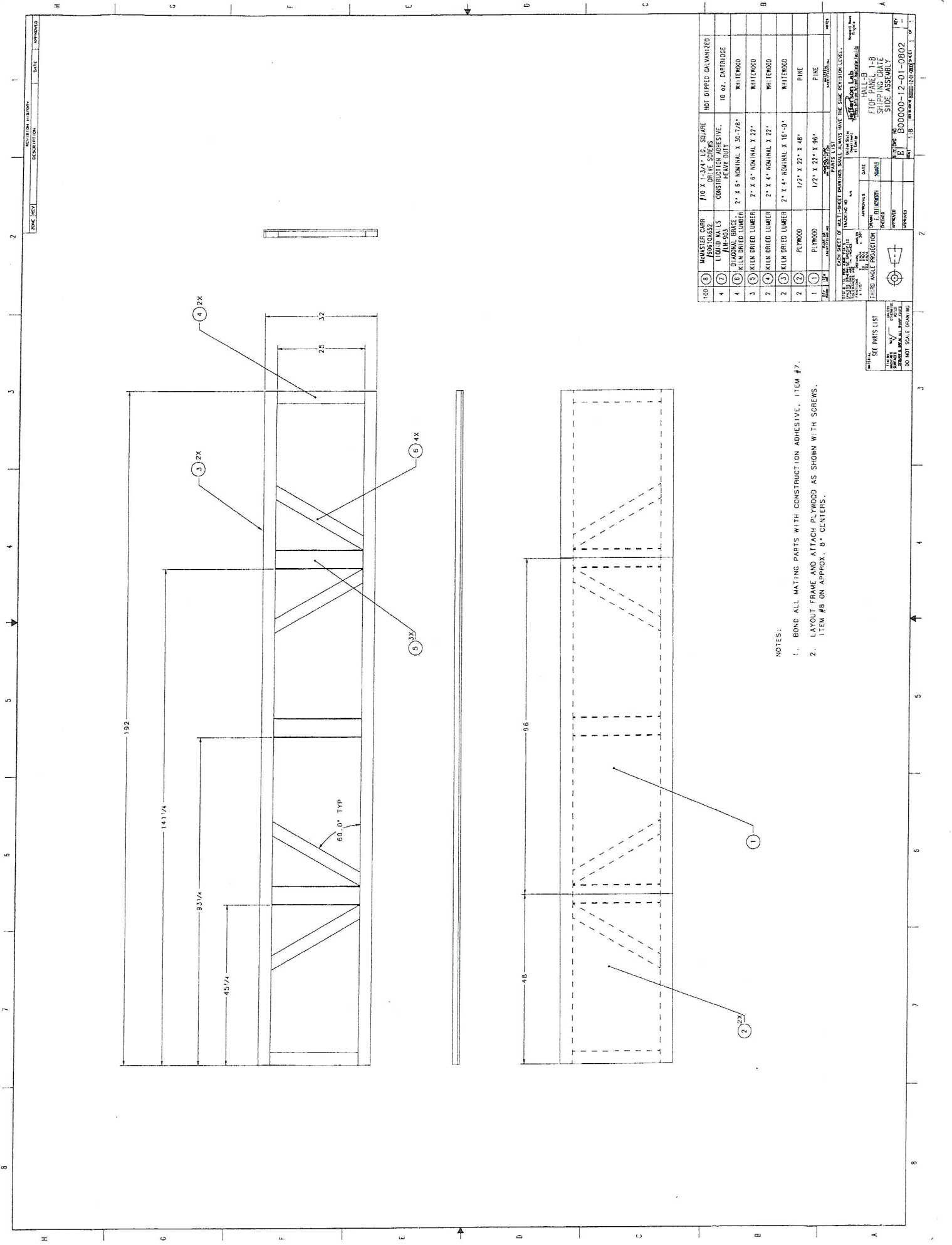
REV. 36

REV. 37

REV. 38

REV. 39

REV. 40



REV	DATE	APPROVED

NO	DESCRIPTION	QTY	UNIT	REMARKS
1	100 # GALVANIZED CORR. FIBERGLASS DRIVE SCREWS	100	#	100 # GALVANIZED CORR. FIBERGLASS DRIVE SCREWS
2	100 # 1/2" X 22" X 96" PLYWOOD	100	#	100 # 1/2" X 22" X 96" PLYWOOD
3	2' X 4" NOMINAL X 15'-0" KILN DRIED LUMBER	2	PC	2' X 4" NOMINAL X 15'-0" KILN DRIED LUMBER
4	2' X 8" NOMINAL X 36'-7/8" KILN DRIED LUMBER	2	PC	2' X 8" NOMINAL X 36'-7/8" KILN DRIED LUMBER
5	2' X 5" NOMINAL X 36'-7/8" KILN DRIED LUMBER	2	PC	2' X 5" NOMINAL X 36'-7/8" KILN DRIED LUMBER
6	100 # 1/2" X 22" X 48" PLYWOOD	100	#	100 # 1/2" X 22" X 48" PLYWOOD
7	100 # 1/2" X 22" X 96" PLYWOOD	100	#	100 # 1/2" X 22" X 96" PLYWOOD
8	100 # 1/2" X 22" X 96" PLYWOOD	100	#	100 # 1/2" X 22" X 96" PLYWOOD
9	100 # 1/2" X 22" X 96" PLYWOOD	100	#	100 # 1/2" X 22" X 96" PLYWOOD
10	100 # 1/2" X 22" X 96" PLYWOOD	100	#	100 # 1/2" X 22" X 96" PLYWOOD

- NOTES:
- BOND ALL MATING PARTS WITH CONSTRUCTION ADHESIVE, ITEM #7.
 - LAYOUT FRAME AND ATTACH PLYWOOD AS SHOWN WITH SCREWS, ITEM #8 ON APPROX. 8" CENTERS.

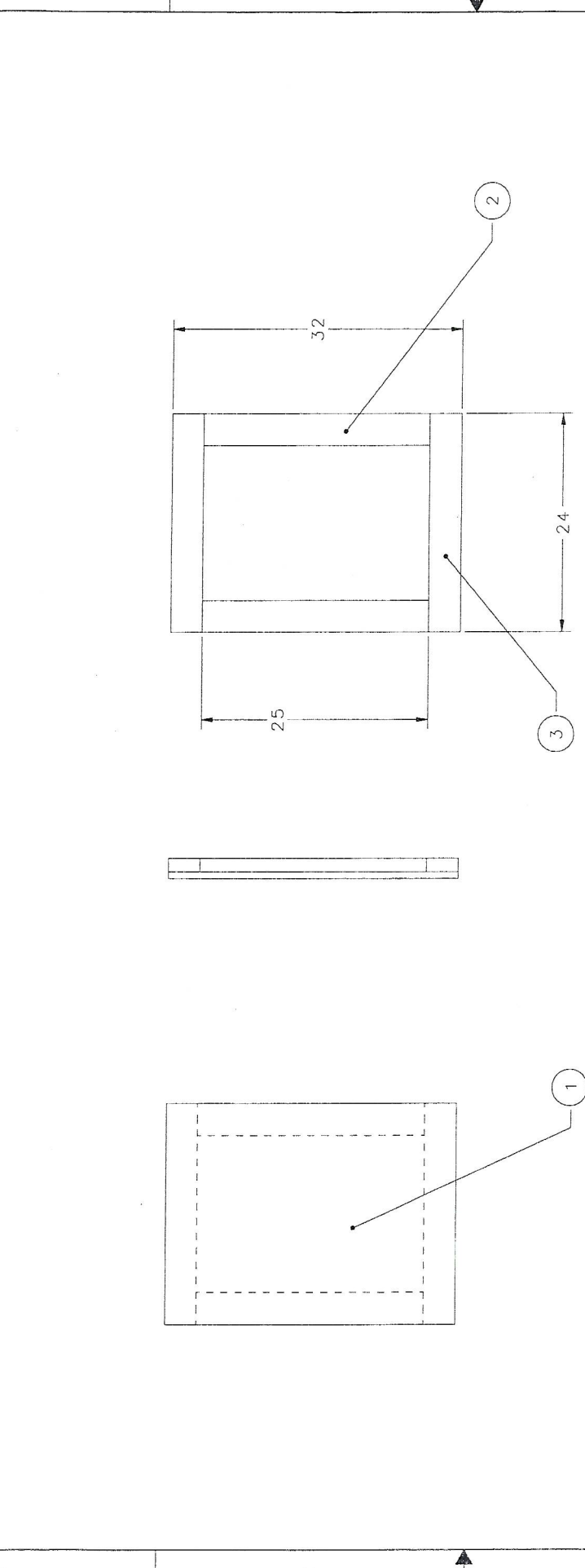
DATE	APPROVALS

SCALE	

PROJECT NO.	

DATE	

ZONE		REV		REVISION HISTORY		DATE		APPROVED	



QTY	ITEM NO.	IDENTIFYING NO.	DESCRIPTION	MATERIAL SPECIFICATION	NOTES
20	5		McMASTER CARR #90610A652 #10 X 1-3/4" LG. SQUARE DRIVE SCREW.	HOT DIPPED GALVANIZED	
1	4		LITUID NAILS #LN-902 CONSTRUCTION ADHESIVE, HEAVY DUTY	10 oz. CARTRIDGE	
2	3		KILN DRIED LUMBER 2" X 4" NOMINAL X 17" LG.	WHITEWOOD	
2	2		KILN DRIED LUMBER 2" X 4" NOMINAL X 32 LG.	WHITEWOOD	
1	1		PLYWOOD .75 X 24 X 32	PINE	

NOTES:

- BOND ALL MATING PARTS WITH CONSTRUCTION ADHESIVE, ITEM #4.
- LAYOUT FRAME AND ATTACH PLYWOOD AS SHOWN WITH SCREWS, ITEM #5, ON APPROX. 8" CENTERS.

PARTS LIST

TRACKING NO.	N/A
APPROVALS	DATE
DRAWN	27MRR13
CHECKED	
APPROVED	
APPROVED	

THIRD ANGLE PROJECTION

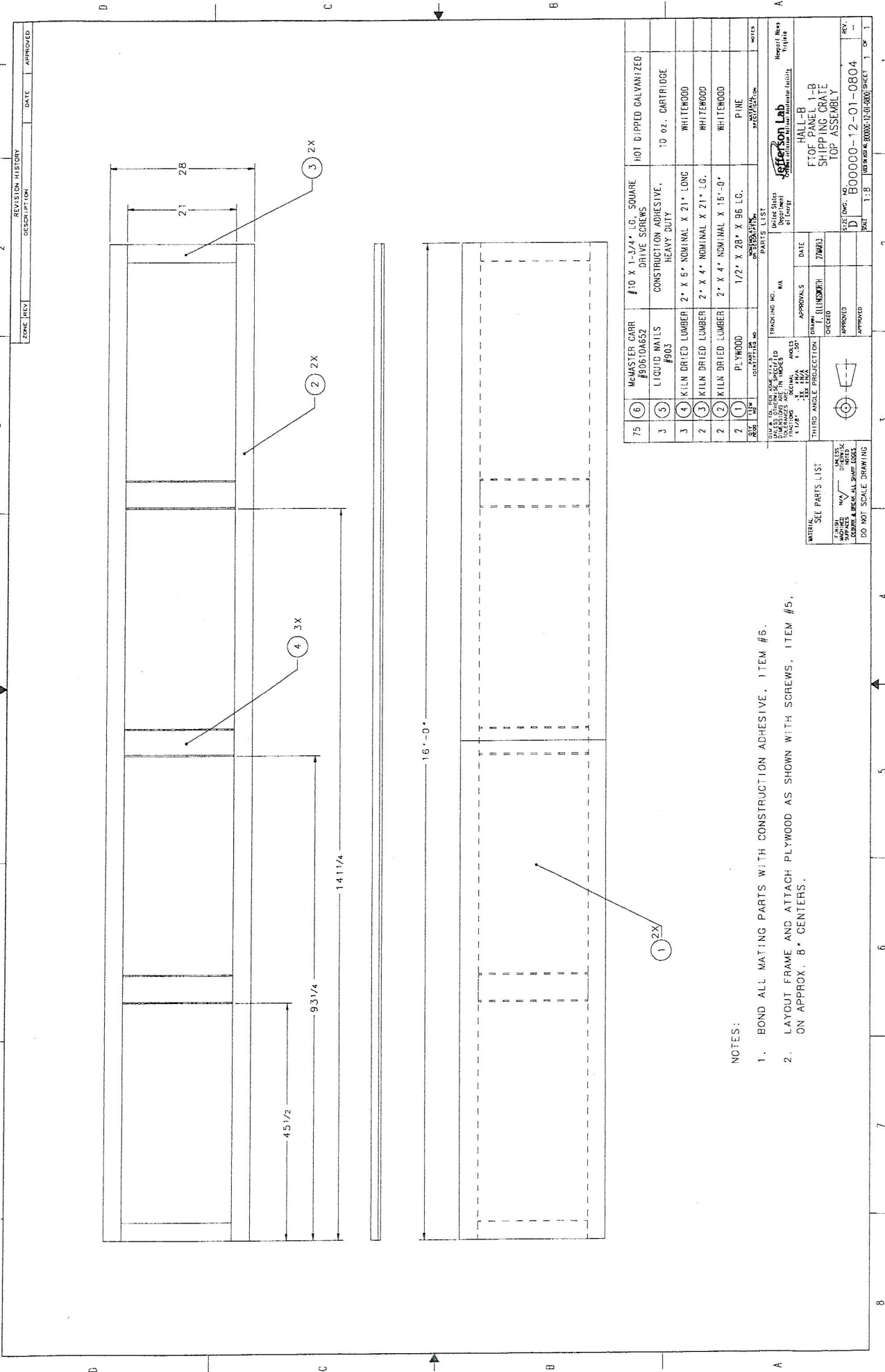
FINISH SURFACES UNLESS OTHERWISE NOTED DEBURR & BREAK ALL SHARP EDGES DO NOT SCALE DRAWING

MATERIAL SEE PARTS LIST

Jefferson Lab
United States Department of Energy
Central Photon Accelerator Facility

HALL-B
FTOF PANEL 1-B
SHIPPING CRATE
CRATE END ASSEMBLY

SIZE DWG. NO. C B00000-12-01-0803
SCALE 1:8 ISO 9000-12-01-0803 SHEET 1 OF 1



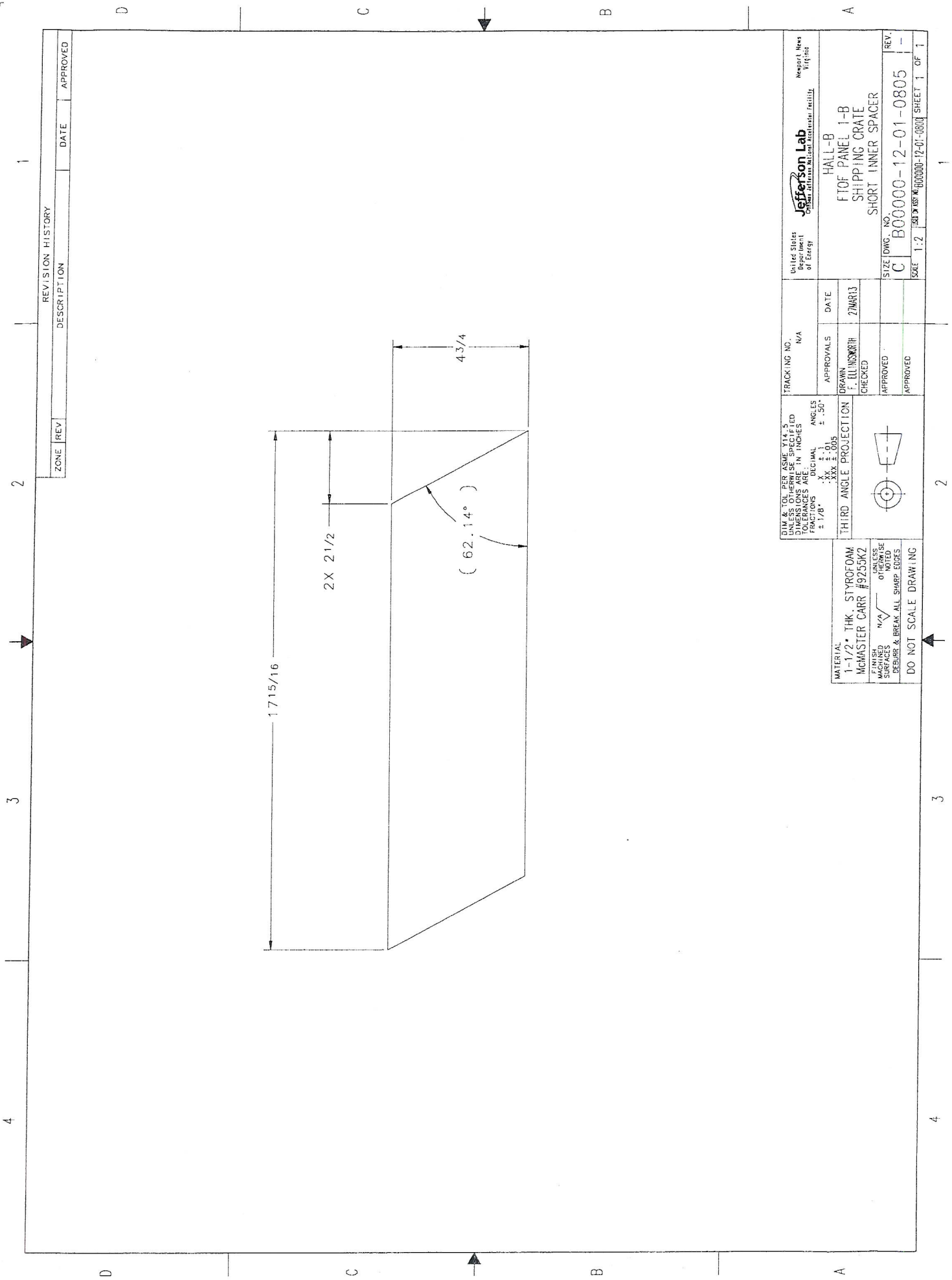
ZONE	REV.	DESCRIPTION	DATE	APPROVED

QTY	ITEM NO.	DESCRIPTION	UNIT	QTY
75	6	MASTER CARR #10 X 1 3/4" L.G. SQUARE DRIVE SCREWS	SQUARE	75
3	5	LIQUID NAILS #903	CONSTRUCTION ADHESIVE, HEAVY DUTY	3
3	4	KILN DRIED LUMBER 2" X 6" NOMINAL X 21' LONG	WHITEWOOD	3
2	3	KILN DRIED LUMBER 2" X 4" NOMINAL X 21' L.G.	WHITEWOOD	2
2	2	KILN DRIED LUMBER 2" X 4" NOMINAL X 15'-0"	WHITEWOOD	2
2	1	PLYWOOD 1/2" X 28" X 96 L.G.	PINE	2

DRAWING NO. 1000-12-01-0804
 PROJECT NO. 1000-12-01-0804
 SHEET 1 OF 1
 DATE 10/1/04
 DRAWN BY J. B. BROWN
 CHECKED BY J. B. BROWN
 APPROVED BY J. B. BROWN
 TITLE: FTOP PANEL 1-B SHIPPING CRATE TOP ASSEMBLY

NOTES:
 1. BOND ALL MATING PARTS WITH CONSTRUCTION ADHESIVE, ITEM #5.
 2. LAYOUT FRAME AND ATTACH PLYWOOD AS SHOWN WITH SCREWS, ITEM #6, ON APPROX. 8" CENTERS.

SEE PARTS LIST
 THIRD ANGLE PROJECTION
 DO NOT SCALE DRAWING



REVISION HISTORY		
ZONE	REV	DESCRIPTION

DATE	APPROVED

Jefferson Lab
 United States Department of Energy
 Jefferson Lab
 Operations and Maintenance Facility

HALL-B
 F10F PANEL 1-B
 SHIPPING CRATE
 SHORT INNER SPACER

REV. 1:2
 C B00000-12-01-0805

SCALE 1:2

TRACKING NO. N/A

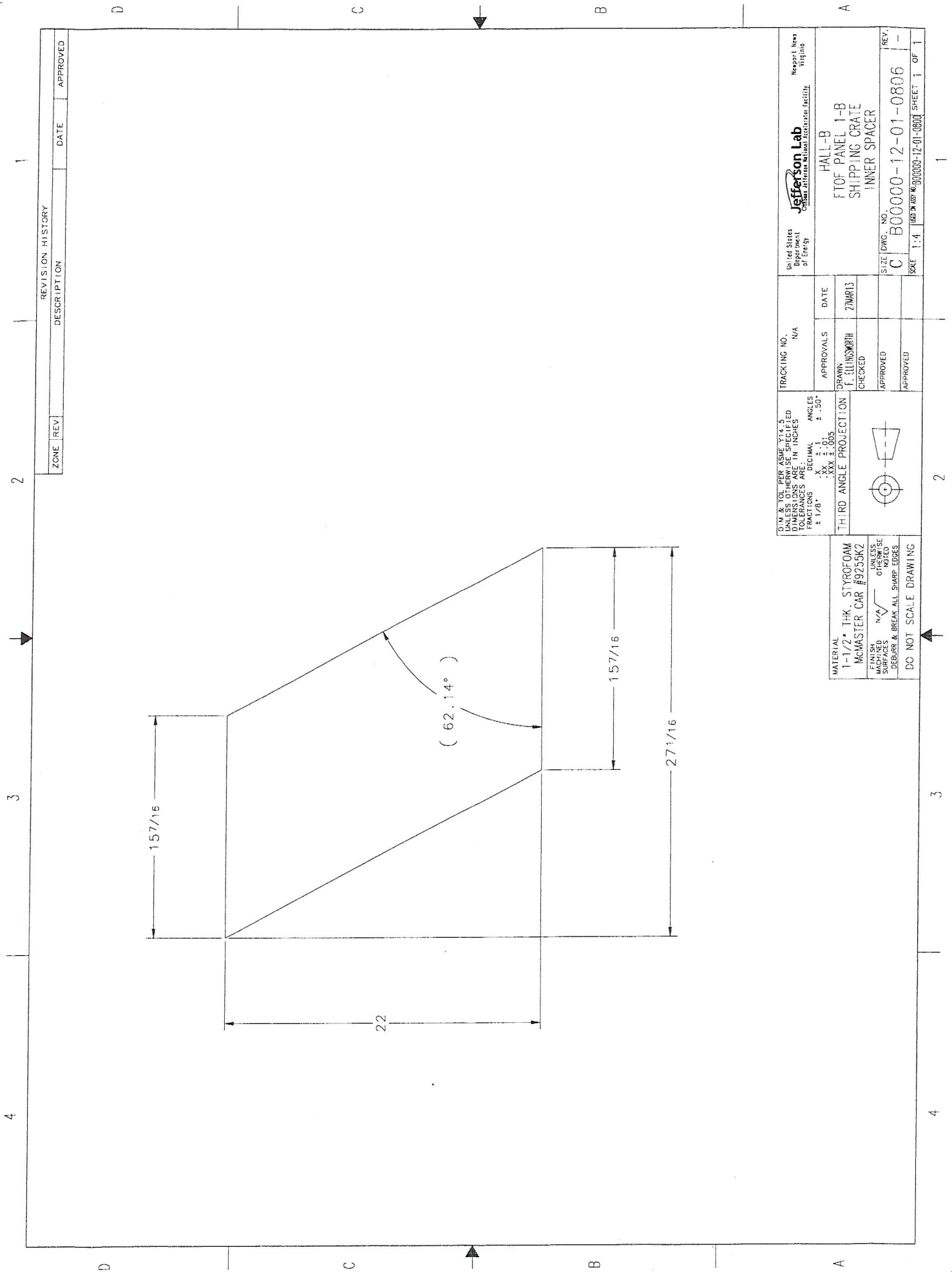
APPROVALS
 DRAWN: T. WILSON
 CHECKED: [Signature]
 APPROVED: [Signature]
 DATE: 2 MAR 13

DIM & TOL PER ASME Y14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMAL ANGLES ± .50° FRACTIONS ± 1/8" .XX ± .01 .XXX ± .005

THIRD ANGLE PROJECTION

MATERIAL: 1-1/2" THK. STYROFOAM MCMASTER CARR #9255K2 UNLESS OTHERWISE NOTED SURFACES ARE TO BE DEBURR & BREAK ALL SHARP EDGES DO NOT SCALE DRAWING

DO NOT SCALE DRAWING



ZONE	REV	DESCRIPTION	DATE	APPROVED
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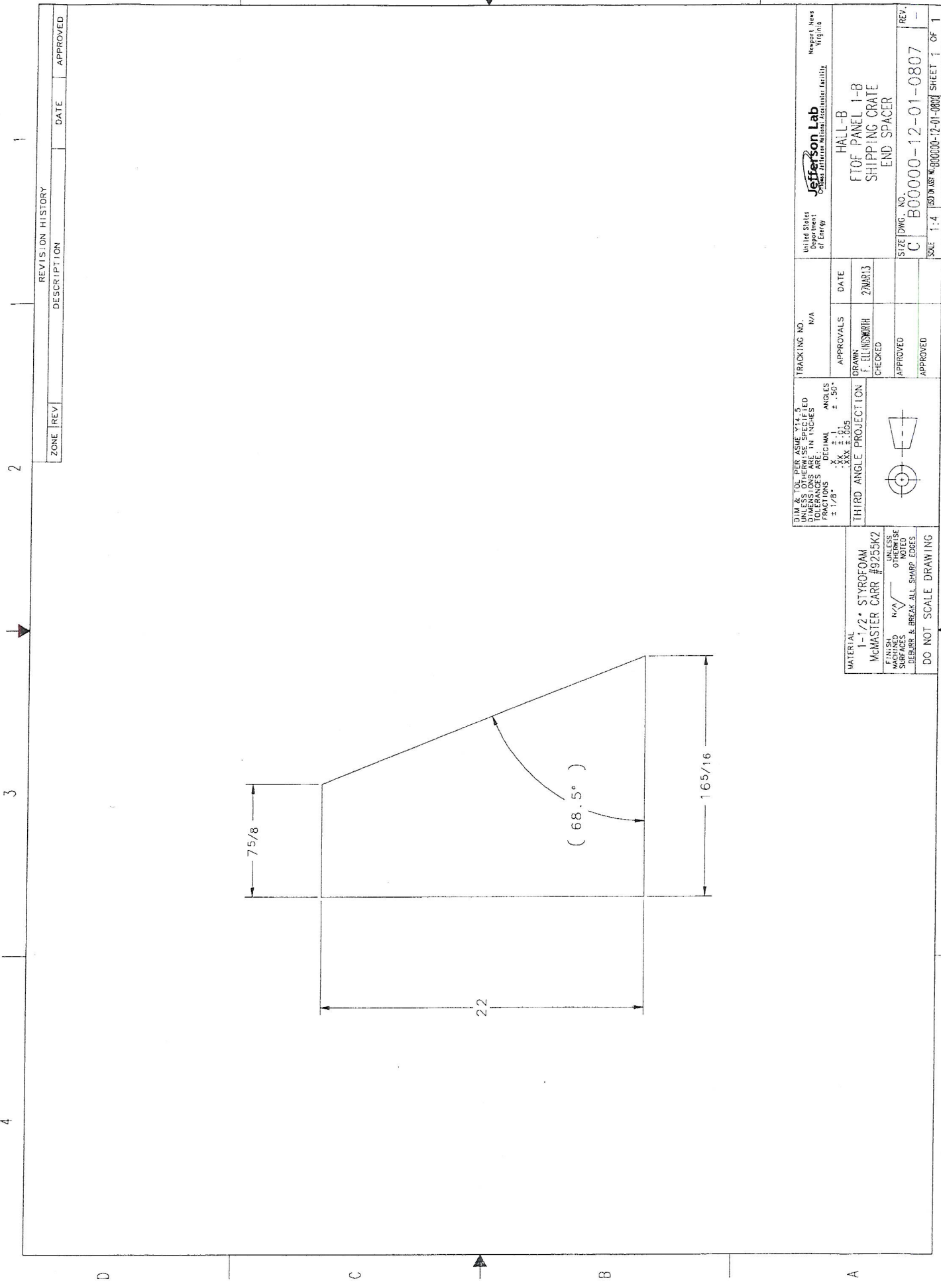
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS ± 1/8" DECIMAL ± .01 ANGLES ± .50°	TRACKING NO. N/A	DATE 7/20/13	Report Area Department of Energy
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THIRD ANGLE PROJECTION	DRAWN F. ELLIOTT	APPROVED CHECKED	HALL-B
		APPROVED	FTOF PANEL 1-B
		APPROVED	SHIPPING CRATE
		APPROVED	INNER SPACER

MATERIAL 1-1/2" THK. STYROFOAM McMASTER CAR #9255K2	FINISH N/A	OTHER USE NOTED	SIZE DWG. NO. C B0000-12-01-0806
DO NOT SCALE DRAWING			SCALE 1:4

JEFFERSON LAB Central Arizona National Accelerator Facility	Report Area Department of Energy
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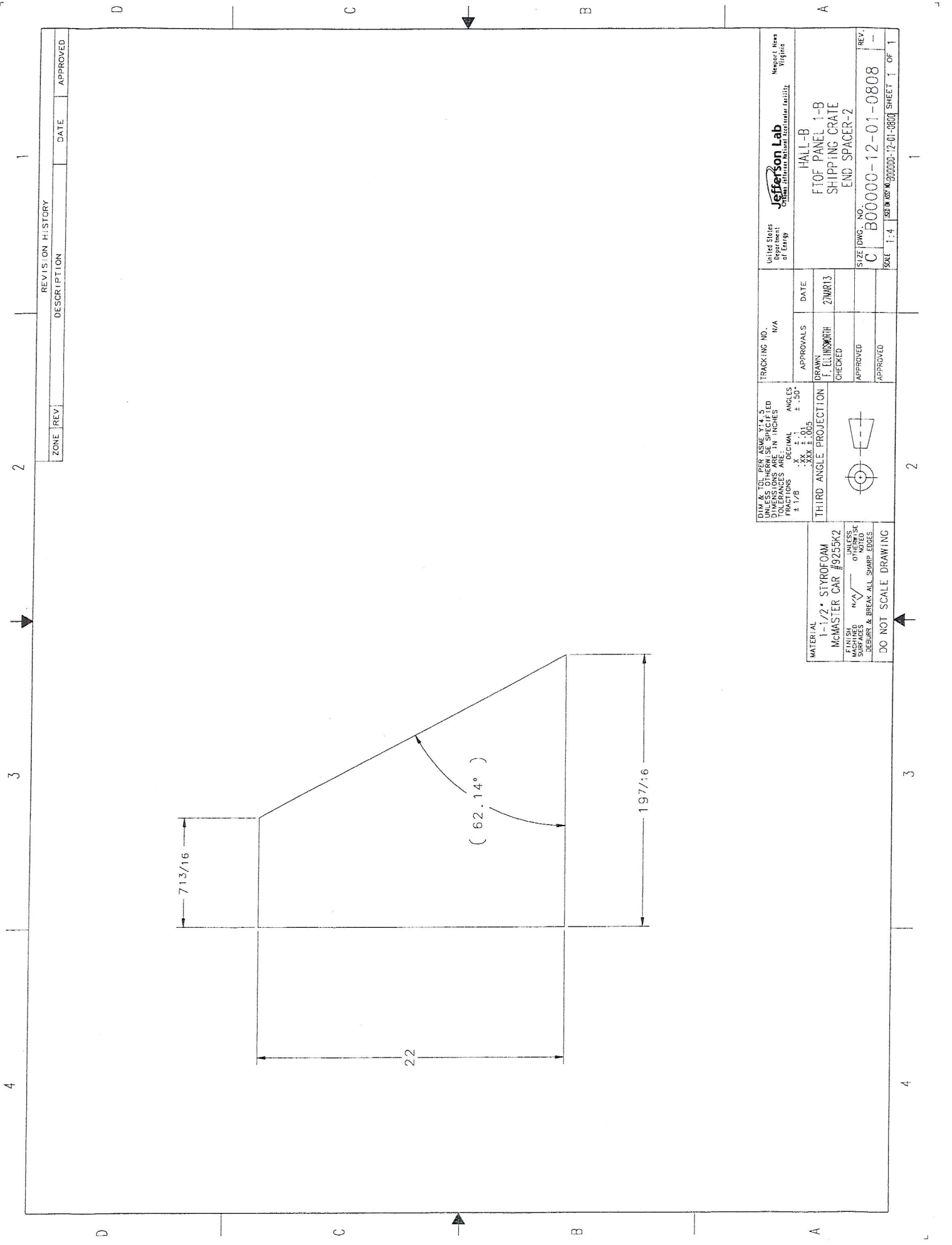
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS ± 1/8" DECIMAL ± .01 ANGLES ± .50°	TRACKING NO. N/A	DATE 7/20/13	Report Area Department of Energy
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REVISION HISTORY		
ZONE	REV	DESCRIPTION

DATE	APPROVED

DIM & TOL PER ASME Y14.5 UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: ± 1/8" DECIMAL .XX ± .01 ANGLES .XXX ± .005 ± .50"	TRACKING NO.	N/A	United States Department of Energy Jefferson Lab <small>Central Utilization Laboratory Facility</small> Newport News Virginia
	APPROVALS	DATE	
THIRD ANGLE PROJECTION	DRAWN	F. ELLINGWORTH	SIZE DWG. NO. C B00000-12-01-0807
MATERIAL 1-1/2" STYROFOAM McMASTER CARR #9255K2 FINISH UNLESS OTHERWISE NOTED DEBURR & BREAK ALL SHARP EDGES DO NOT SCALE DRAWING	CHECKED		REV. -
	APPROVED		SCALE 1:4 ISO DRAWING B00000-12-01-0807 SHEET 1 OF 1

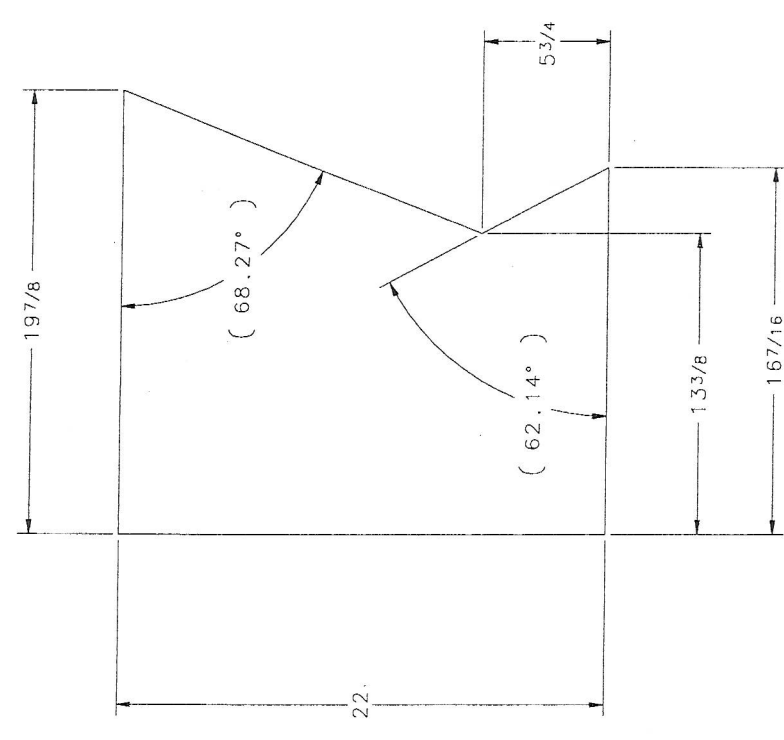


REVISION HISTORY		DATE	APPROVED
ZONE	REV		
DESCRIPTION			

DIM & TOL PER ASME Y14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS ± 1/8 DECIMAL .XX ± .01 .XXX ± .005 ANGLES ± .25		TRACKING NO. N/A DATE 27MAR13	United States Department of Energy	Newport News Virginia
THIRD ANGLE PROJECTION 		APPROVALS DRAWN: J. ELLIOTT CHECKED: [Signature] APPROVED: [Signature] APPROVED: [Signature]	Jeffers Lab OFFICE OF MATERIALS MANAGEMENT HALL-B FT OF PANEL 1-B SHIPPING CRATE END SPACER-2	
MATERIAL 1-1/2" STYROFOAM McMASTER CAR #9255K2		SIZE/DWG. NO. C B0000-12-01-0808 SCALE 1:4 REV. - SHEET 1 OF 1		

FINISHES
 MACHINED SURFACES
 DEBUR & BREAK ALL SHARP EDGES
 DO NOT SCALE DRAWING

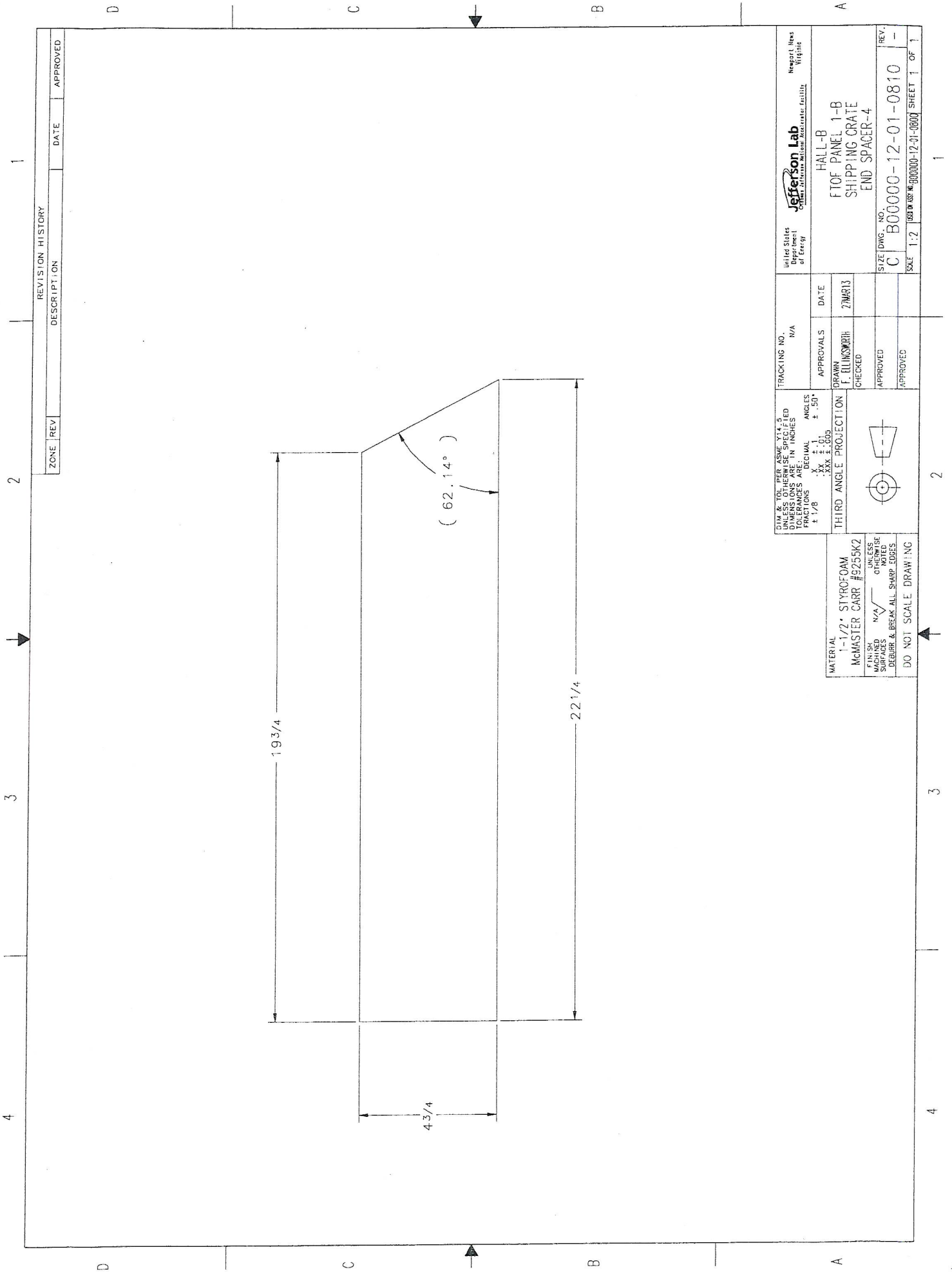
REVISION HISTORY		DATE	APPROVED
ZONE	REV		



DIM & TOL PER ASME Y14.5 UNLESS SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMAL ANGLES ± 1/8 .XX ± .01 .XX ± .01 .XXX ± .01	TRACKING NO.	N/A
	APPROVALS	DATE
THIRD ANGLE PROJECTION 	BRN	F. J. LINDENBARTH
	CHECKED	27MAY13
	APPROVED	
	APPROVED	

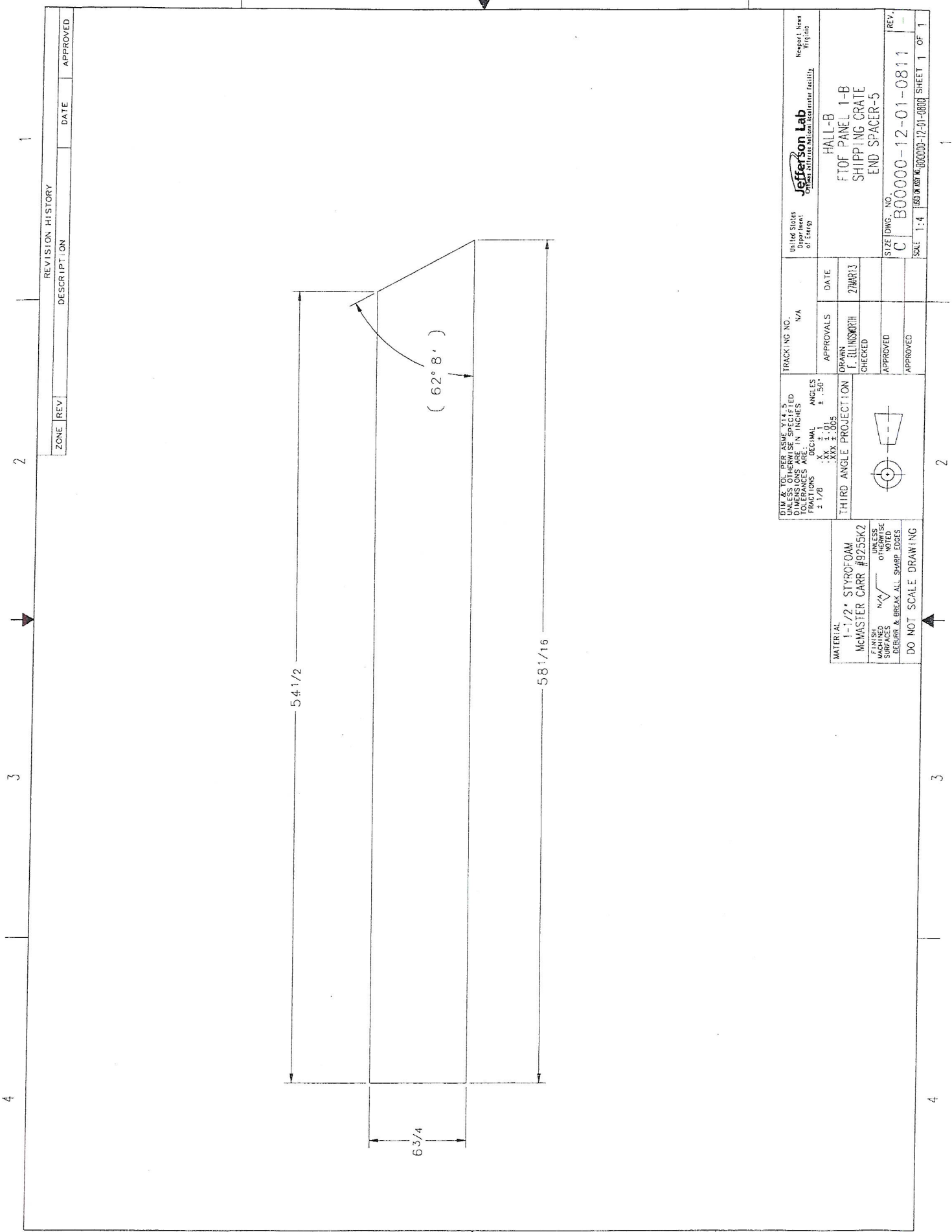
MATERIAL: 1-1/2" STYROFOAM
 MCMASTER CARR #9255K2
 FINISH: N/A
 SURFACES: MACHINED
 OTHERS: NONE NOTED
 DEBURR & BREAK ALL SHARP EDGES
 DO NOT SCALE DRAWING

United States Department of Energy Jefferson Lab Jefferson Laboratory 11510 Rockledge Drive Newport News Virginia	HALL-B FT OF PANEL 1-B SHIPPING CRATE END SPACER-3
SIZE DWG. NO. C B00000-12-01-0809	REV. --
SCALE: 1:4	SHEET 1 OF 1



REVISION HISTORY		
ZONE	REV	DESCRIPTION
		DATE
		APPROVED

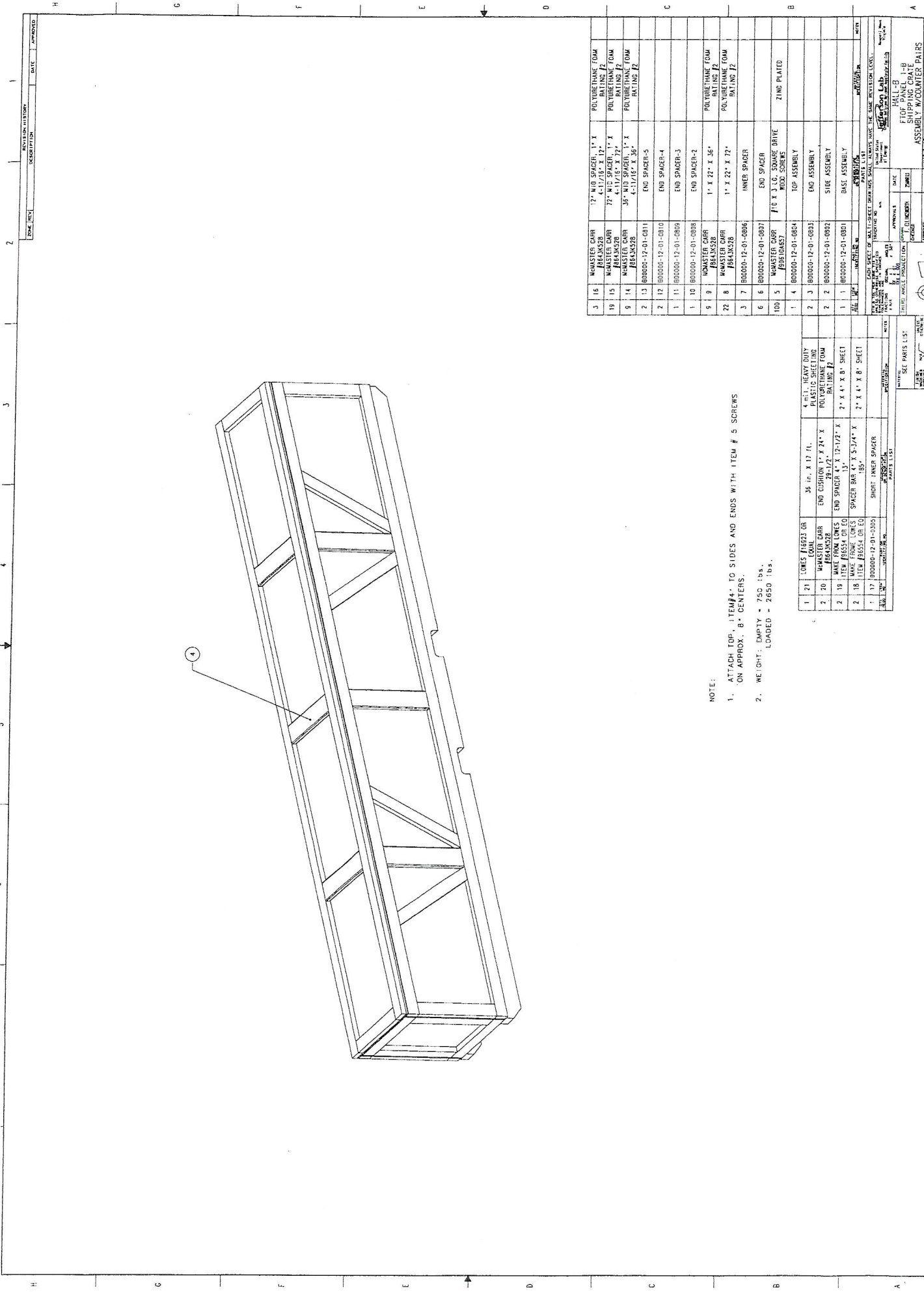
UNITED STATES Department of Energy Jefferson Lab <small>Central Jefferson Nuclear Accelerator Facility</small>	TRACKING NO.	N/A	DATE	2/MAR/13	HALL-B FTOF PANEL 1-B SHIPPING CRATE END SPACER-4	Newport News Virginia
	APPROVALS					
DIM. & TOL. PER ASME Y14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMAL ANGLES $\pm 1/8$.XXX $\pm .005$	DRAWN	F. ELLIOTT	CHECKED	APPROVED	APPROVED	REV.
	THIRD ANGLE PROJECTION					
MATERIAL 1-1/2" STYROFOAM McMASTER CARR #9255K2	FINISH	N/A	UNLESS MACHINED SURFACES DEBURR & BREAK ALL SHARP EDGES DO NOT SCALE DRAWING			SIZE DWG. NO. C B00000-12-01-0810
						SCALE 1:2 650 000 00000-12-01-0810 SHEET 1 OF 1



REVISION HISTORY	
ZONE	REV

DESCRIPTION	DATE	APPROVED

DIM & TOL PER ASME Y14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMAL ±.01 FRACTIONS ±.005 ANGLES ±.50°		TRACKING NO. N/A	DATE 27MAR13	APPROVALS DRAWN CHECKED APPROVED APPROVED	APPROVED APPROVED	United States Department of Energy	Jefferson Lab Central Electron Accelerator Facility	Request Area Wiring
THIRD ANGLE PROJECTION					HALL-B FTOF PANEL 1-B SHIPPING CRATE END SPACER-5			
MATERIAL 1-1/2" STYROFOAM McMASTER CARR #9255K2 FINISH UNLESS OTHERWISE NOTED SURFACES DEBURR & BREAK ALL SHARP EDGES			DO NOT SCALE DRAWING		SIZE DWG. NO. C B00000-12-01-0811			
TOLERANCE ZONE ±.005			SCALE 1:4		SHEET 1 OF 1			



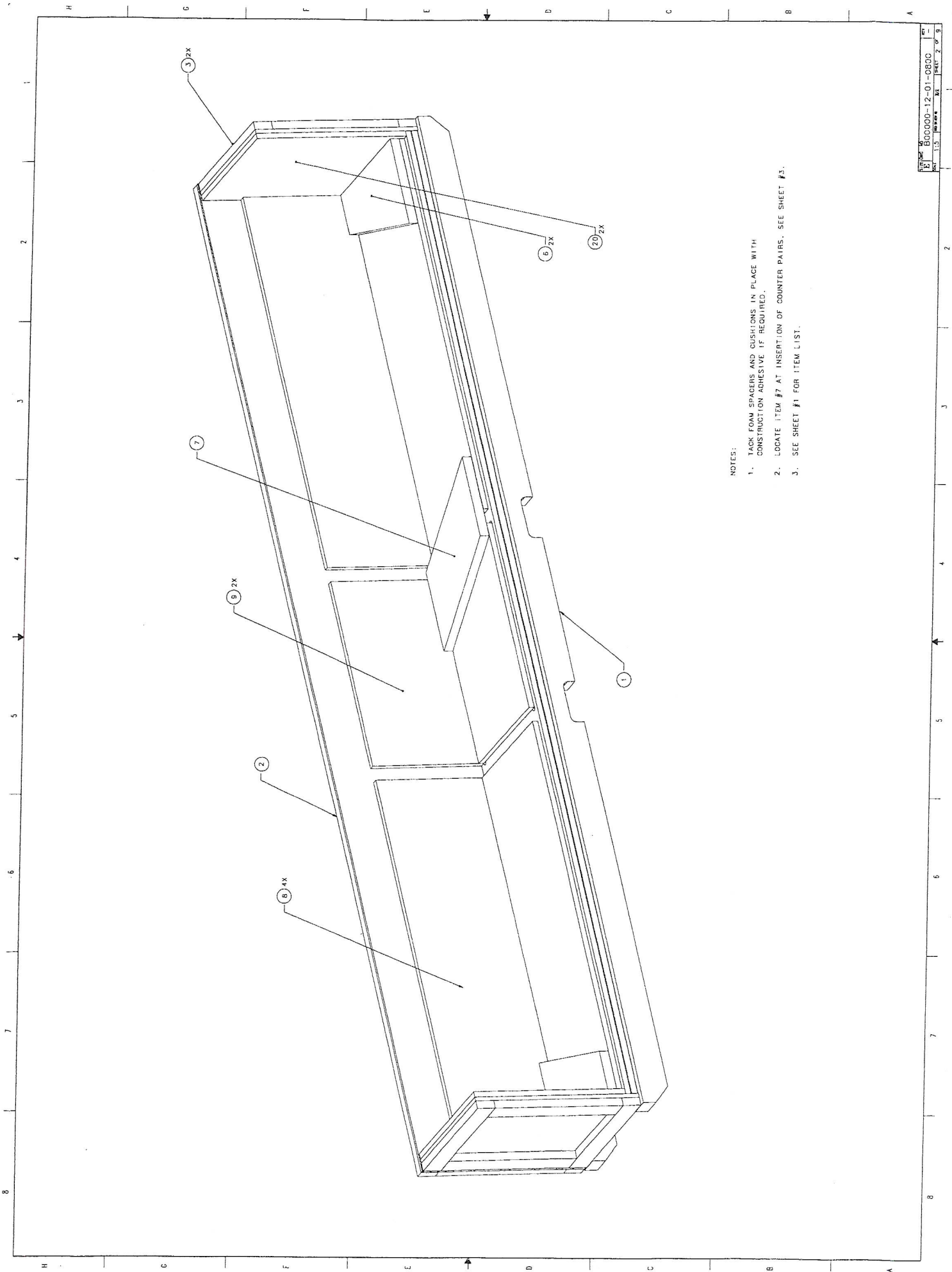
NOTE:
 1. ATTACH TOP, ITEM #4, TO SIDES AND ENDS WITH ITEM # 5 SCREWS
 ON APPROX. 8" CENTERS.
 2. WEIGHT: EMPTY = 750 lbs.
 LOADED = 2650 lbs.

QTY	ITEM #	DESCRIPTION	UNIT	PART LIST
1	21	LOMS #18233 OR EQUAL	36 IN. X 17 IN.	
2	20	MONSTER CORR END CUSHION 17 X 24" X 24-1/2"	POLYURETHANE FOAM RATING F	
2	19	MAKE FROM LOMS ITEM #18534 OR EQ	27-1/2" X 17-1/2" X 2" X 4" X B" SHEET	
2	18	MAKE FROM LOMS ITEM #18534 OR EQ	27-1/2" X 17-1/2" X 2" X 4" X B" SHEET	
1	17	SHORT INNER SPACER		
2	13	MONSTER CORR END SPACER-5		
2	12	MONSTER CORR END SPACER-4		
1	11	MONSTER CORR END SPACER-3		
1	10	MONSTER CORR END SPACER-2		
8	9	MONSTER CORR END SPACER-1		
22	8	MONSTER CORR END SPACER-0		
3	7	INNER SPACER		
6	6	END SPACER		
100	5	F10 X 3 I.C. SQUARE DRIVE WOOD SCREWS	ZINC PLATED	
1	4	TOP ASSEMBLY		
2	3	END ASSEMBLY		
2	2	SIDE ASSEMBLY		
1	1	BASE ASSEMBLY		

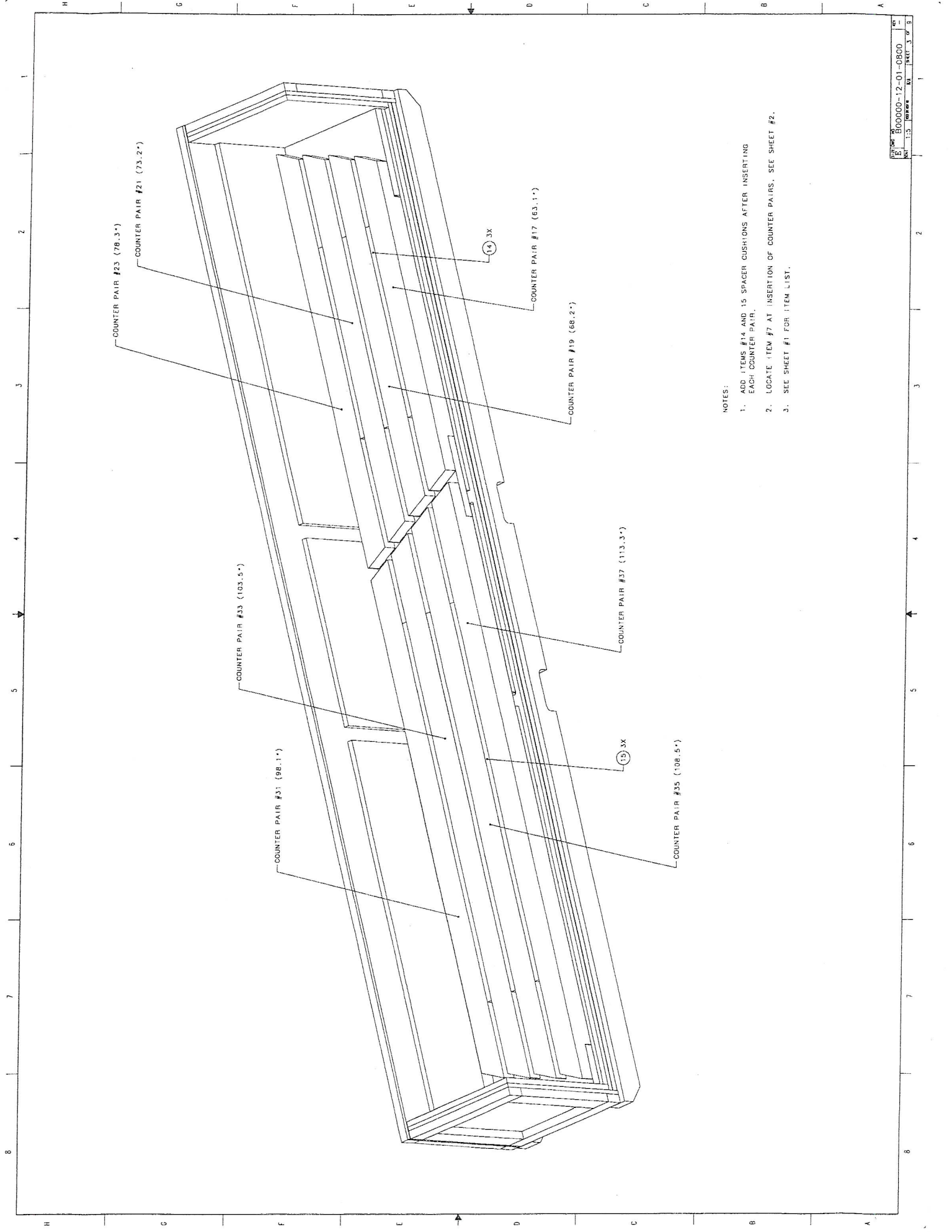
DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 APPROVED BY: _____
 DATE: _____

HALL-B
 TOP PANELS-B
 ASSEMBLY W/CONTAINER PAIRS
 PART U.S. DRAWING NO. 11-08000-12-01-08000

SCALE: _____
 DRAWING NO. 11-08000-12-01-08000-12
 SHEET NO. _____ OF _____
 PART NO. _____

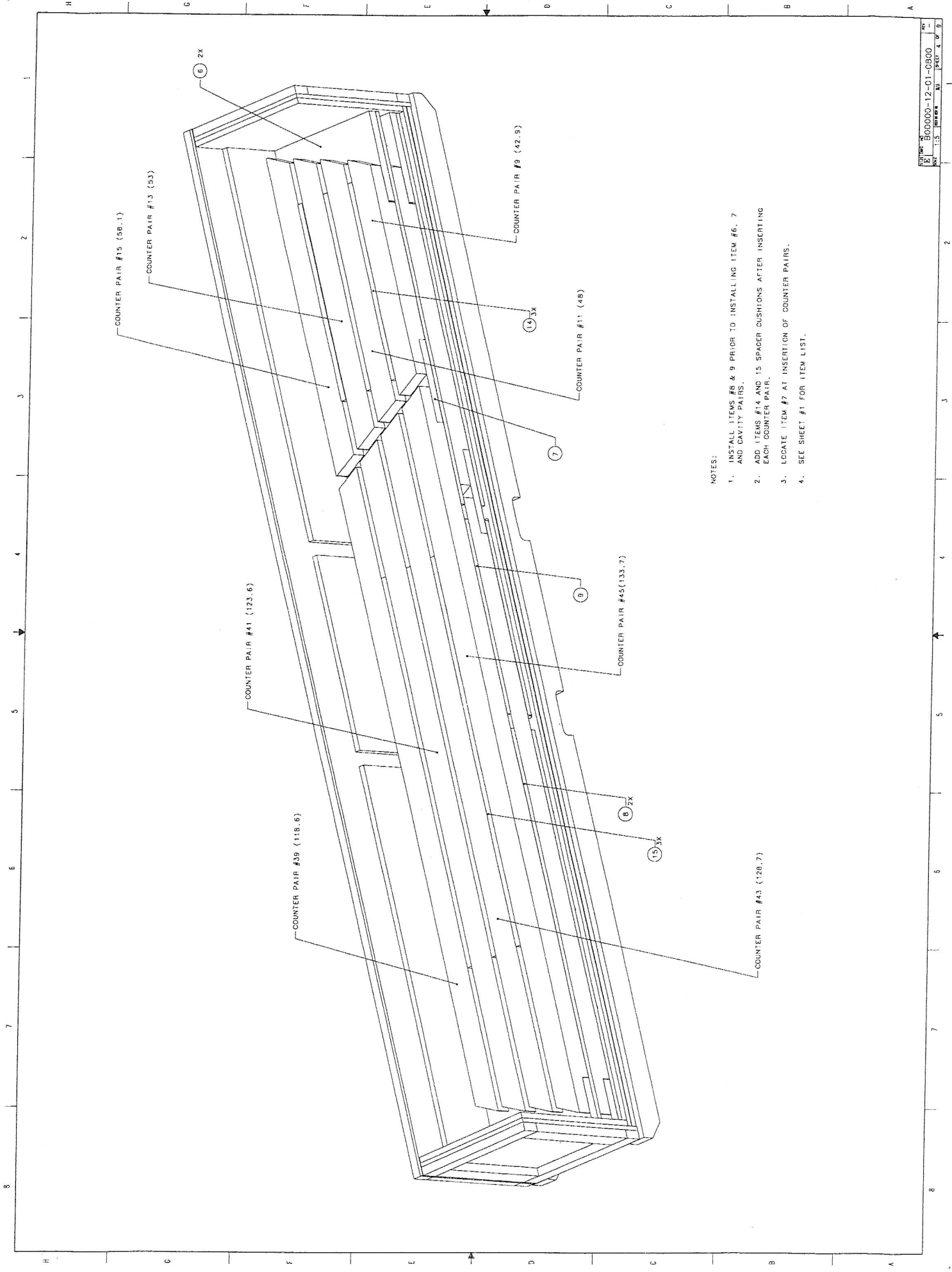


- NOTES:
1. TACK FOAM SPACERS AND CUSHIONS IN PLACE WITH CONSTRUCTION ADHESIVE IF REQUIRED.
 2. LOCATE ITEM #7 AT INSERTION OF COUNTER PAIRS. SEE SHEET #3.
 3. SEE SHEET #1 FOR ITEM LIST.

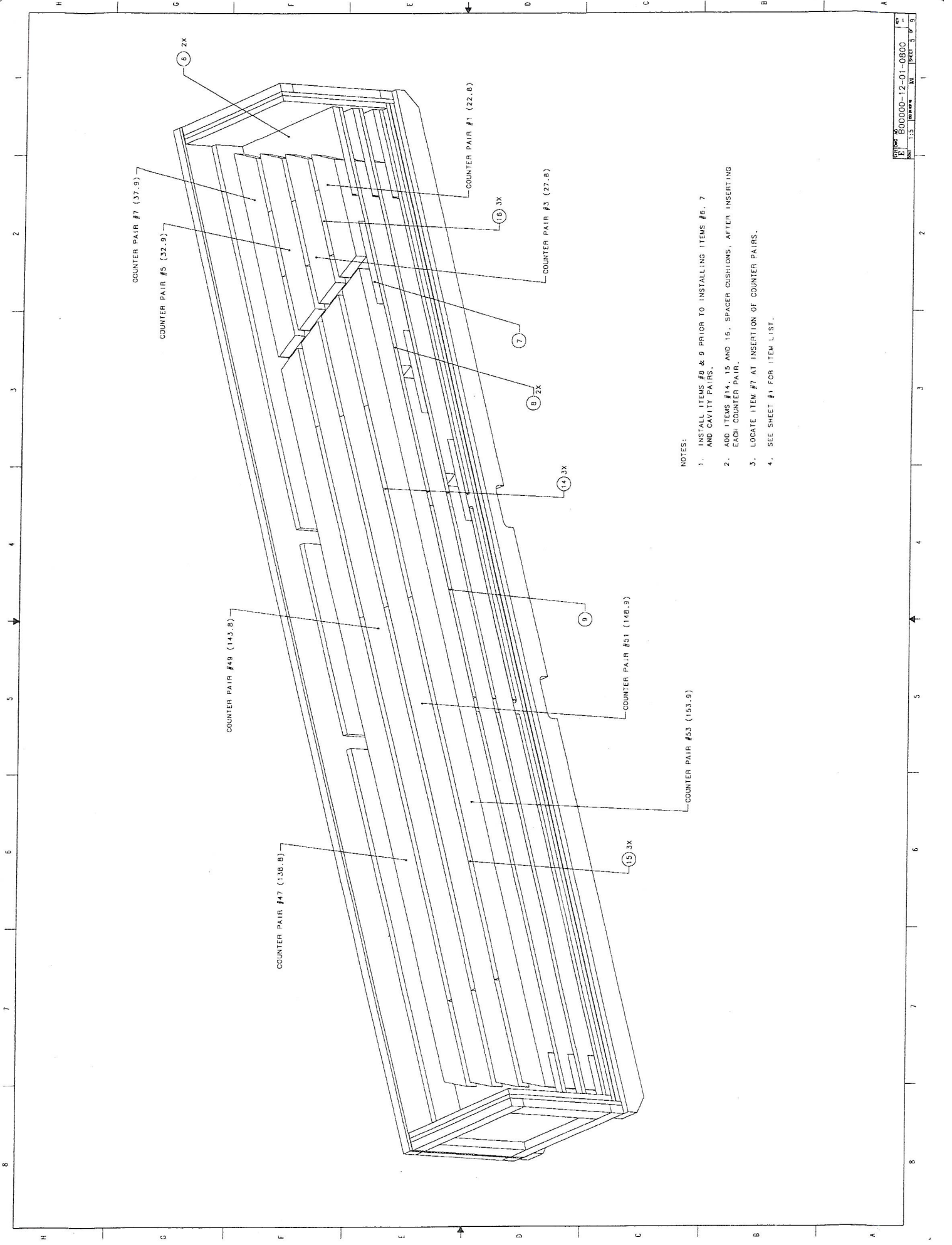


NOTES:

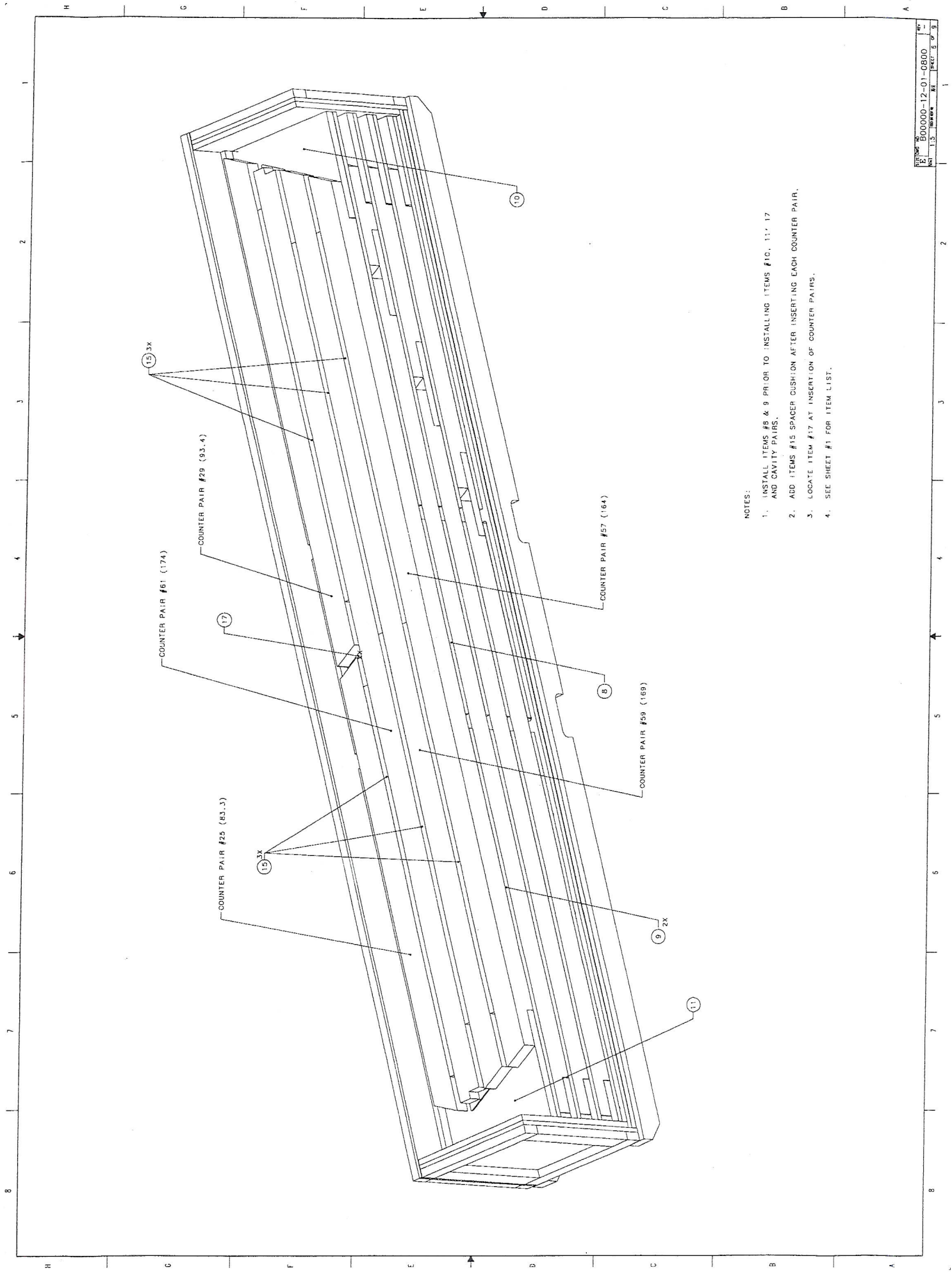
1. ADD ITEMS #14 AND 15 SPACER CUSHIONS AFTER INSERTING EACH COUNTER PAIR.
2. LOCATE ITEM #7 AT INSERTION OF COUNTER PAIRS. SEE SHEET #2.
3. SEE SHEET #1 FOR ITEM LIST.



- NOTES:
1. INSTALL ITEMS #8 & 9 PRIOR TO INSTALLING ITEM #6, 7 AND CAVITY PAIRS.
 2. ADD ITEMS #14 AND 15 SPACER CUSHIONS AFTER INSERTING EACH COUNTER PAIR.
 3. LOCATE ITEM #7 AT INSERTION OF COUNTER PAIRS.
 4. SEE SHEET #1 FOR ITEM LIST.

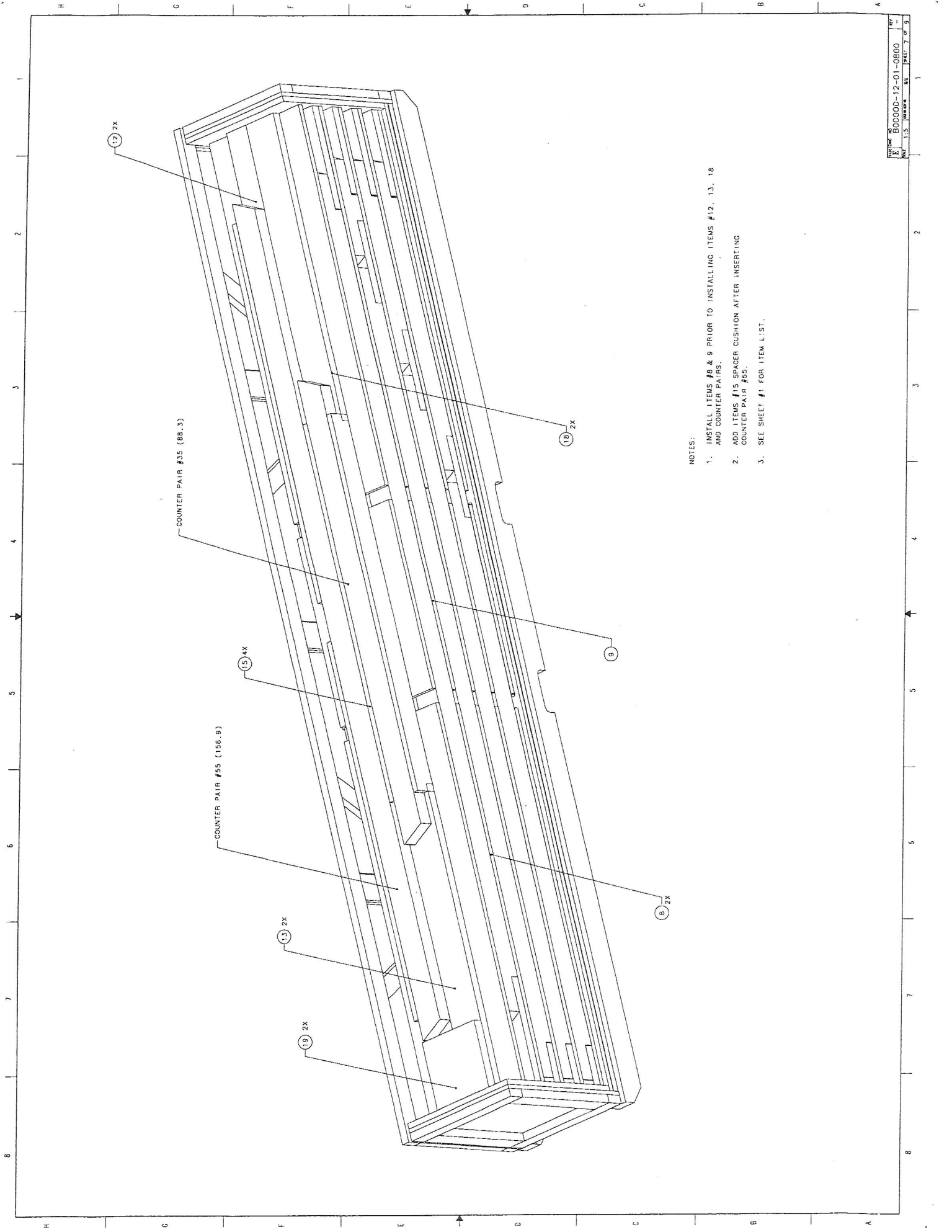


- NOTES:
1. INSTALL ITEMS #8 & 9 PRIOR TO INSTALLING ITEMS #6, 7 AND CAVITY PAIRS.
 2. ADD ITEMS #14, 15 AND 16, SPACER CUSHIONS, AFTER INSERTING EACH COUNTER PAIR.
 3. LOCATE ITEM #7 AT INSERTION OF COUNTER PAIRS.
 4. SEE SHEET #1 FOR ITEM LIST.



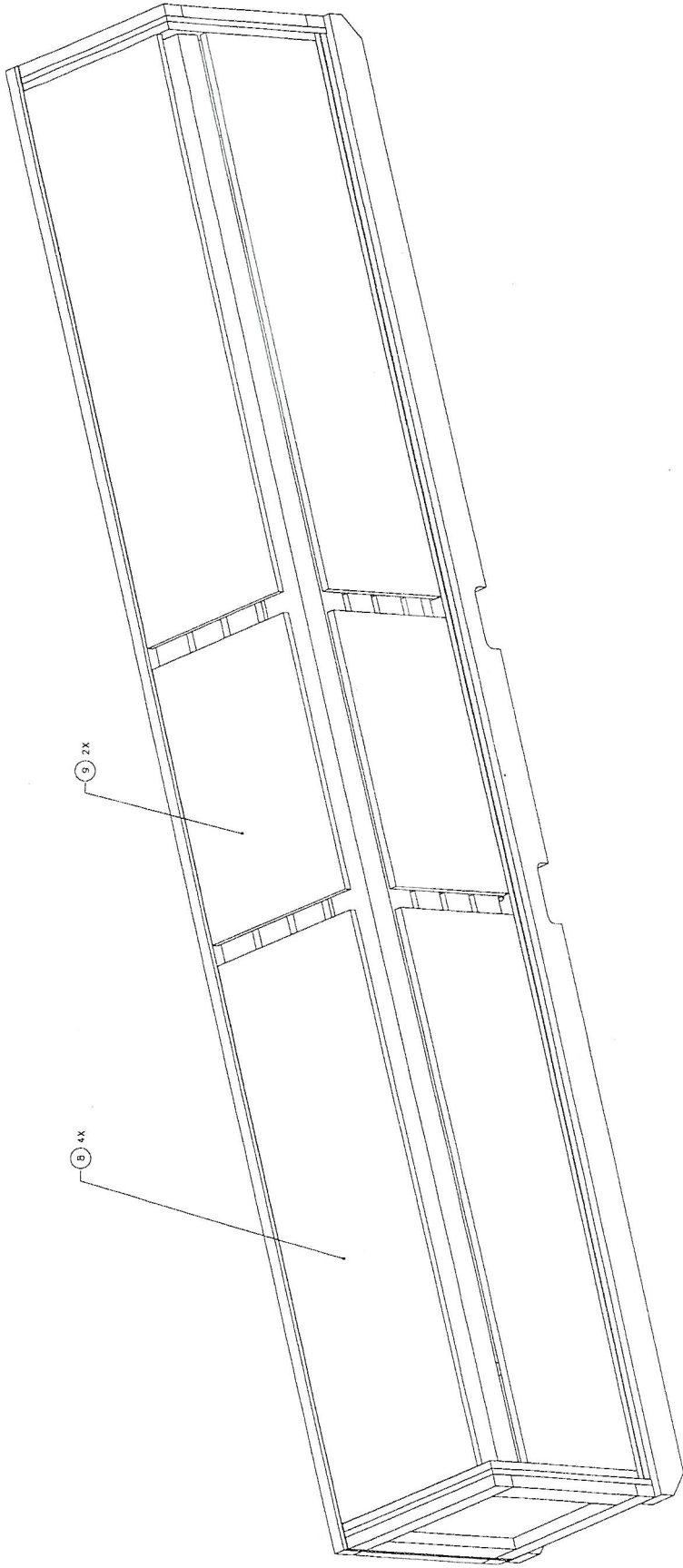
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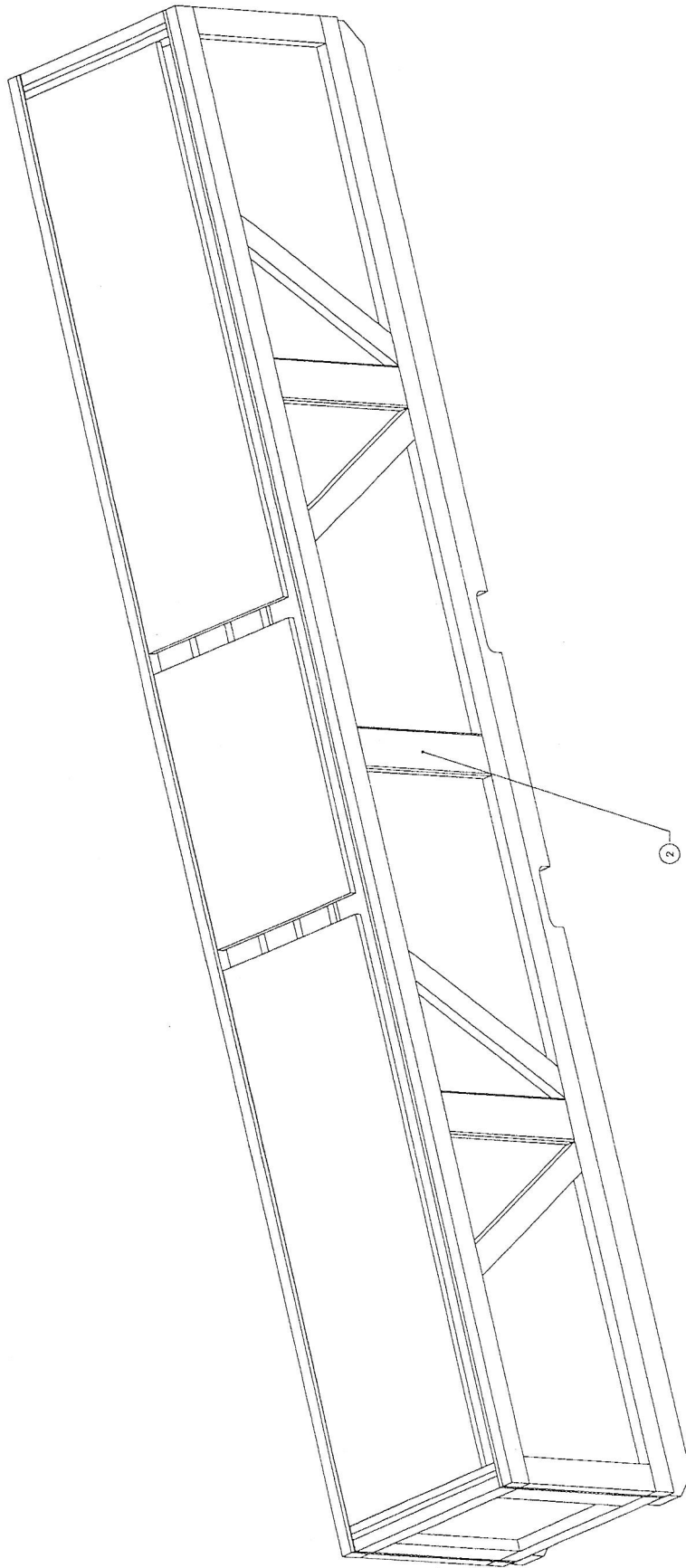
1. INSTALL ITEMS #8 & 9 PRIOR TO INSTALLING ITEMS #10, 11, 17 AND CAVITY PAIRS.
2. ADD ITEMS #15 SPACER CUSHION AFTER INSERTING EACH COUNTER PAIR.
3. LOCATE ITEM #17 AT INSERTION OF COUNTER PAIRS.
4. SEE SHEET #1 FOR ITEM LIST.



- NOTES:
1. INSTALL ITEMS #8 & 9 PRIOR TO INSTALLING ITEMS #12, 13, 18 AND COUNTER PAIRS.
 2. ADD ITEMS #15 SPACER CUSHION AFTER INSERTING COUNTER PAIR #35.
 3. SEE SHEET #1 FOR ITEM LIST.

Part No. 500000-12-01-0800
REV. 1.0
DATE: 01-01-00





NOTES:

1. ATTACH SIDE PANEL, ITEM #2, TO BASE AND SIDES WITH ITEM #5 SCREWS ON APPROX. 8" CENTERS.
2. COVER WITH ITEM #21 4 MIL PLASTIC SHEETING PRIOR TO CLOSING.