WWW.ZOOM-ROOM.COM

ZOOM-ROOM
HORIZONTAL
SHOP DRAWINGS

ZOOM-ROOM
2121 NORTH BAYSHORE DRIVE #912
MIAMI, FL 33137

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MARCH 2015

www.zoom-room.com

ATTENTION DESIGNERS AND MILLWORKERS:
READ THIS BEFORE DESIGNING OR BUILDING A ZOOM-ROOM CABINET
TO ENSURE SUCCESSFUL INSTALLATION OF THE BED MECHANISM.

Please discuss with a Zoom-Room employee before changing any dimensions. You must follow the interior dimensions as shown in the Shop Drawings to accommodate the bed system.

The cabinet must be built so the interior dimension between the side support panels is 82- 1/4". FRONT ELEVATION page 1 of 6

Construct Bolsters in the shape of the rail guides on each side to establish the correct interior distance needed for the motors and bed mechanism to fit (79- 1/4”). Bolstering the rail guides gives the mattress ample space to travel in and out of the cabinetry so they do not damage the mattress cover as it travels up and down the rail guides (see Sheet 2 of 6 for positioning of the Bolsters).
The Bolster’s edge should be sanded and finished, and the lower bolsters should have the same finish as your cabinet, since once the bed is open they will be visible.

The Drop Block should be placed anterior to the top of the Bolsters and rail guides, just below the rail.

The middle recessed area of the cabinet (space for a TV or bookshelves) should begin at least 35“ from the floor, and be no greater than 9” deep (not including the 3/4“ front Headboard). This allows enough interior cavity space behind the TV Panel so that the mattress may travel without interference. (See sheet 2 of 6).

The Footboard should be a solid piece of plywood or MDF (23-1/2” H for solid floors, and 23” H for carpet), or a solid piece of plywood or MDF with light paneling attached to the front (for decoration). The Footboard requires attaching a Reinforcement Beam to eliminate warping, as the mattress applies pressure to the Foot- board. Weight limit is 52 lbs.

Any electrical wires or cables should be secured to the interior of the cabinet and covered to prevent snags on the mattress and mechanism. Wiring and cables should be channeled out through the side panels or through the Bolsters so as not to impede the travel of the bed and mechanism. Please see our document “Wiring for AV Equipment”.

The IR receiver must be accessible for remote operation and power outage backup. As the chord is only 5’ long, options may be limited. Generally the chord is either channeled through the back of a side column, to the side of the center cabinet or inside a side cabinet. If necessary, use an IR extender or consult with Zoom-Room regarding placement.

Always allow for an accessible interior by constructing a removable Headboard. This is especially important if you decide to mount your cabinet to the wall (normally the unit is freestanding and does not need to be bolted to the wall or floor).

The Strap Support Beam (see sheet 3 of 6) must be made of wood, not MDF.

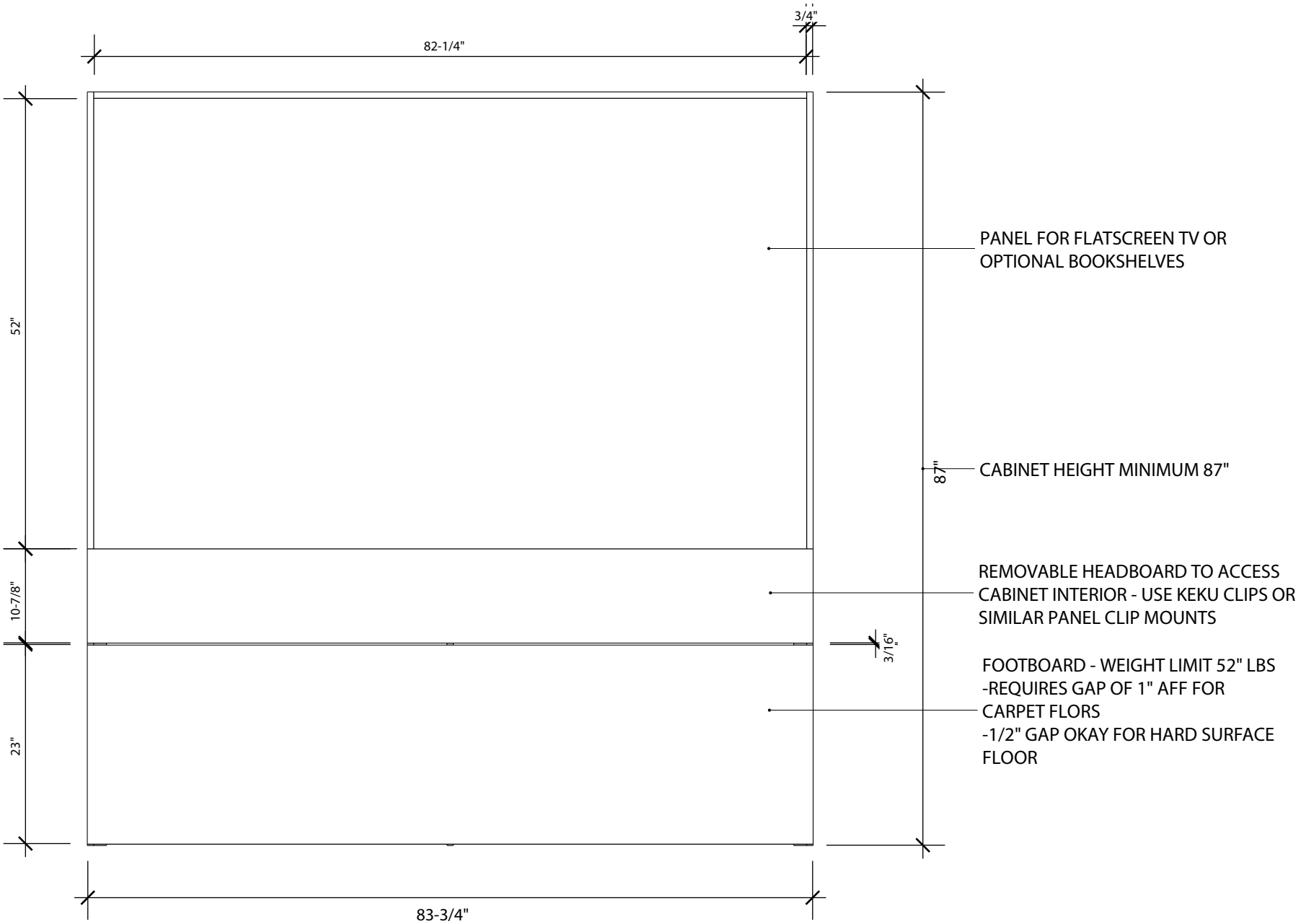
If your Zoom-Room will be installed on carpet, additional casters may be applied (See Shop Drawings).
*Please send your Zoom-Room designs or drawings to petermedvin@zoom-room.com or fax them to (305) 677-9278 for review before constructing your cabinet.

Call (888) 211-1120 with any questions.

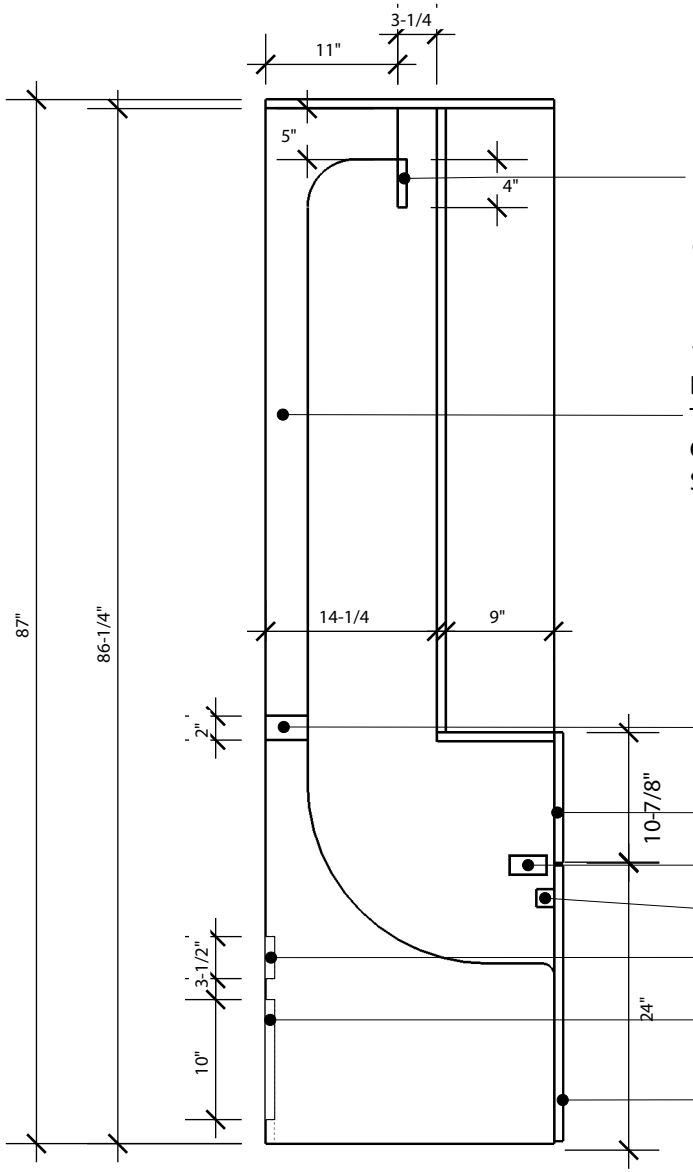
MARCH 2015

CUT PARTS LIST:

1. LEFT SIDE PARTITION
2. RIGHT SIDE PARTITION
3. TOP PANEL
4. TV PANEL
5. TV SHELF
6. HEADBOARD
7. FOOTBOARD
8. FOOTBOARD REINFORCEMENT BEAM
9. BACK BASE PANEL
10. STRAP SUPPORT BEAM LEFT
11. STRAP SUPPORT BEAM RIGHT
12. DROP BLOCK LEFT
13. DROP BLOCK RIGHR
14. LEFT UPPER BOLSTER
15. RIGHT UPPER BOLSTER
16. LEFT LOWER BOLSTER
17. RIGHT LOVER BOLSTER
18. MIDDEL BOLSTER
19. CARRIAGE STABILIZERS (OPTIONAL FOR CARPET INSTALLATIONS)



FRONT ELEVATION ZOOM-ROOM ™ HORIZONTAL MECHANISM	ZOOM-ROOM ™	2121 N. BAYSHORE DR. #912 MIAMI, FL 33137 305.677.9148	
	DATE: MARCH 2015	SCALE: NTS	SHEET 1 OF 7



TO BE CONSTRUCTED BY
MILL WORKER

REQUIRED DROP BLOCK
PRESENT THE CHAIN FROM
COILING ON IT SELF

BOLSTERS

1- 1/2" PANEL BOLSTERS MIMIC THE
RAIL GUIDES CURVES AND EXTEND
TO THE FLOOR.
CONSTRUCTED BY MILLWORKER.
SEE SHEET 4 OF 6

2" GAP BETWEN THE BOLSTERS
FOR WIRING

REMOVABLE HEADBOARD ACCESS
PANEL ATTACHED USING KEKU CLIPS
OR SIMILAR

INFRARED RECEIVER (IR) PROXIMATE LOCATION
RECEIVER BOX MUST HAVE DIRECT LINE OF
SIGHT UNLESS USING AN I.R. RELAY KIT

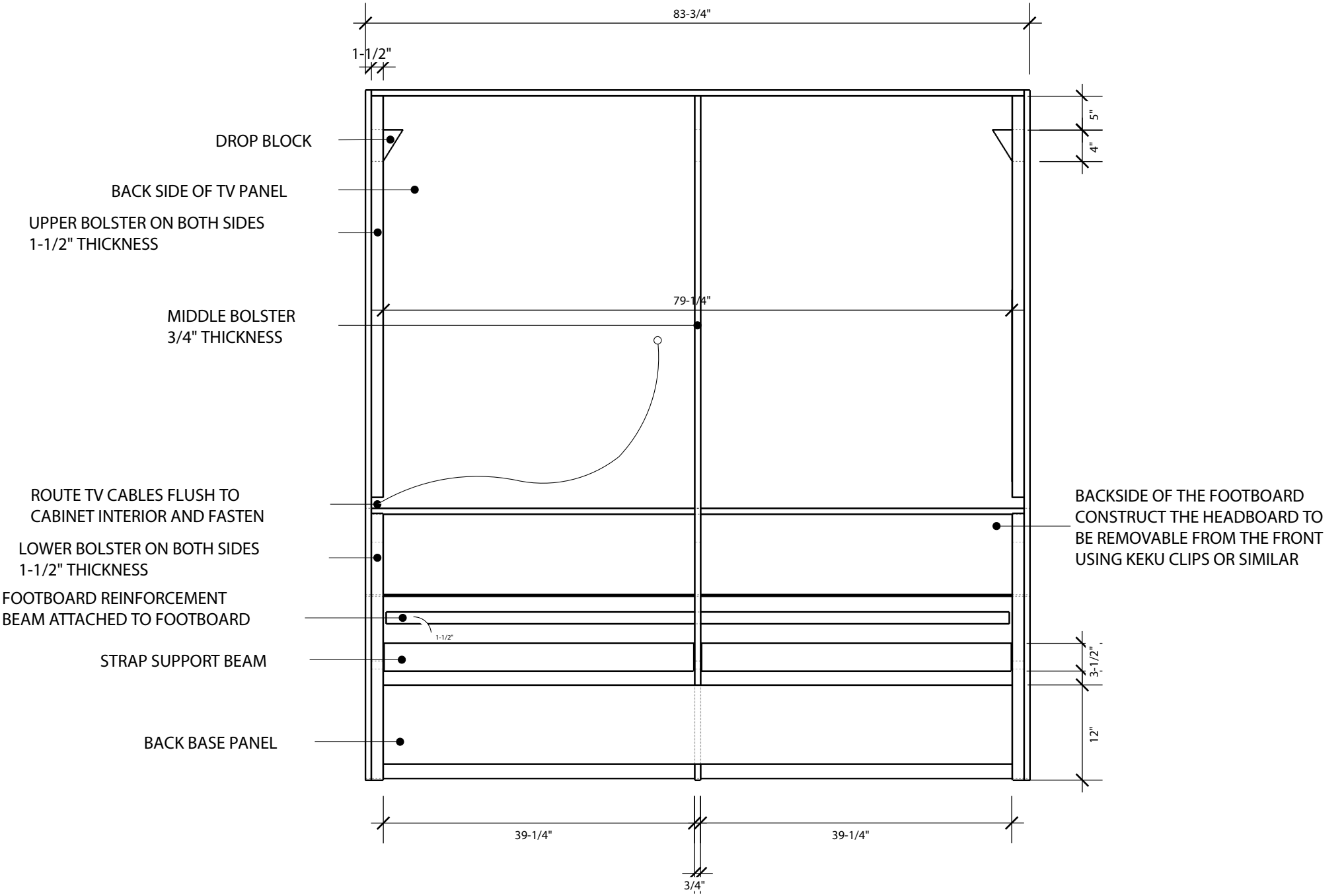
REQUIRED FOOTBOARD REINFORCEMENT
BEAM TO ELIMINATE WARPING

STRAP SUPPORT BEAM

BACK BACE PANEL

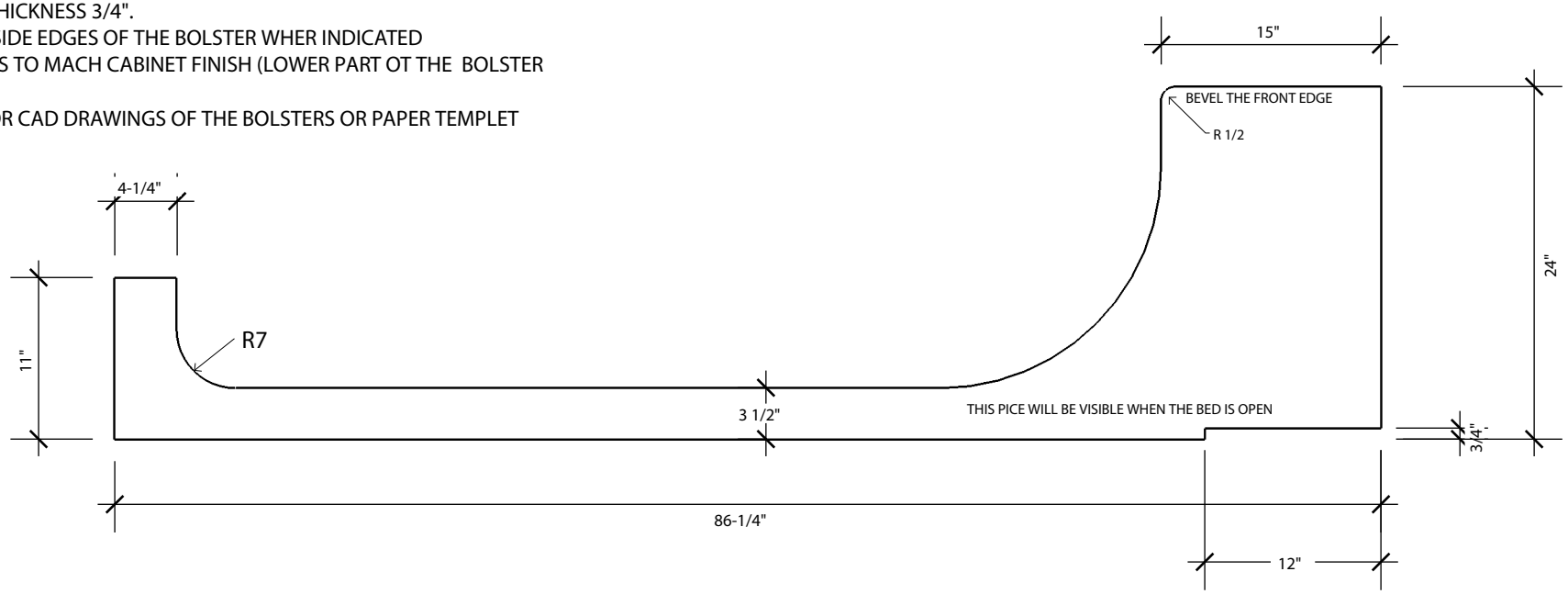
FOOTBOARD- ATTACHES TO MECHANISM AND
TRAVELS IN AND OUT WITH ACCORDION FRAME

SIDE ELEVATION ZOOM-ROOM ™ HORIZONTAL MECHANISM	ZOOM-ROOM ™	2121 N. BAYSHORE DR. #912 MIAMI, FL 33137 305.677.9148	
	DATE: MARCH 2015	SCALE: NTS	SHEET 2 OF 6

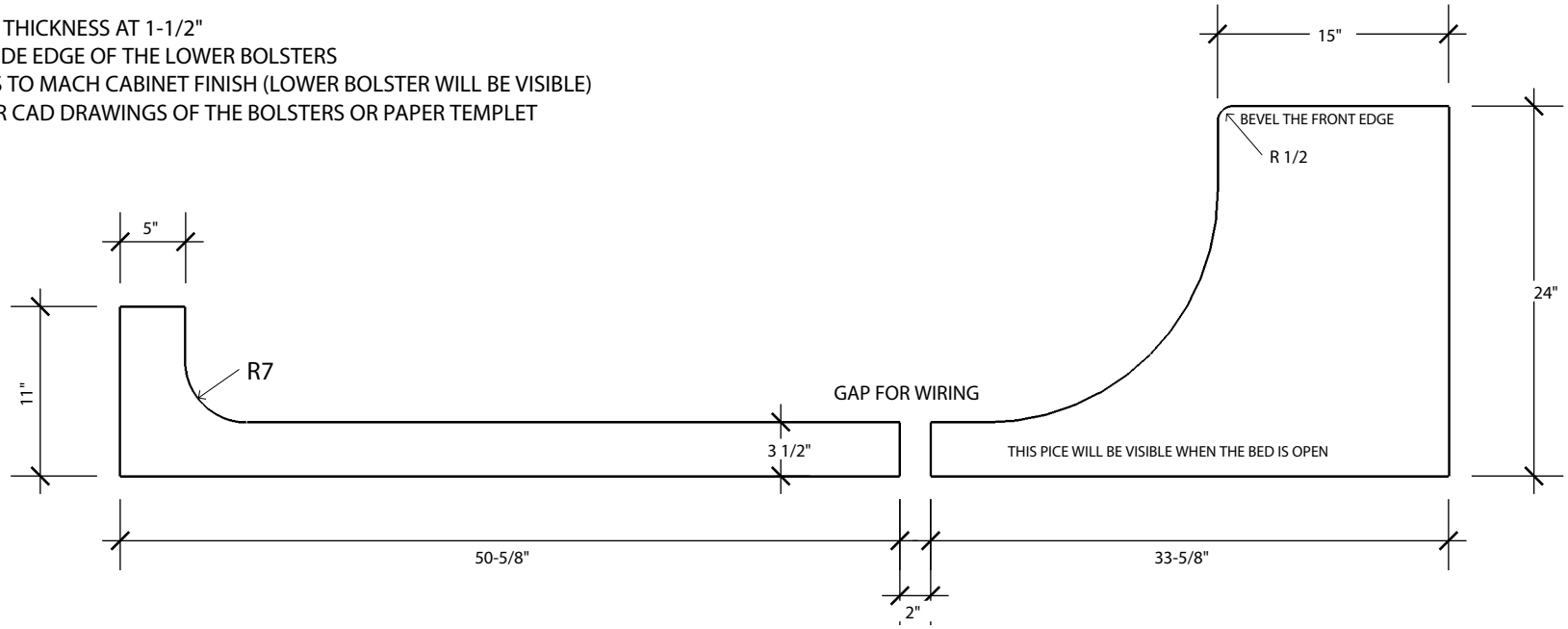


REAR ELEVATION ZOOM-ROOM ™ HORIZONTAL MECHANISM	ZOOM-ROOM ™	2121 N. BAYSHORE DR. #912 MIAMI, FL 33137 305.677.9148	
	DATE: MARCH 2015	SCALE: NTS	SHEET 3 OF 6

NOTE:
THE MIDDLE BOLSTER THICKNESS 3/4".
BEVEL THE INTERIOR INSIDE EDGES OF THE BOLSTER WHER INDICATED
FINISH LOWER BOLSTERS TO MACH CABINET FINISH (LOWER PART OT THE BOLSTER WILL BE VISIBLE)
PLEASE CONTACT US FOR CAD DRAWINGS OF THE BOLSTERS OR PAPER TEMPLET



NOTE:
BOTH TOP AND BOTTOM THICKNESS AT 1-1/2"
BEVEL THE INTERIOR INSIDE EDGE OF THE LOWER BOLSTERS
FINISH LOWER BOLSTERS TO MACH CABINET FINISH (LOWER BOLSTER WILL BE VISIBLE)
PLEASE CONTACT US FOR CAD DRAWINGS OF THE BOLSTERS OR PAPER TEMPLET



BOLSTERS FOR RAIL GUIDES ZOOM-ROOM ™ HORIZONTAL MECHANISM	ZOOM-ROOM ™	2121 N. BAYSHORE DR. #912 MIAMI, FL 33137 305.677.9148	
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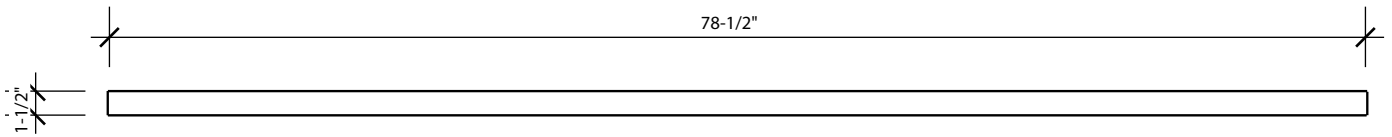
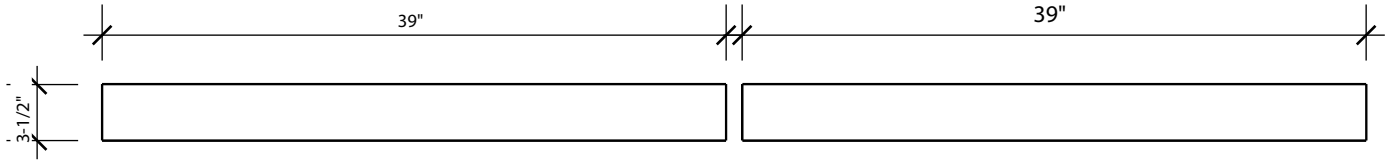
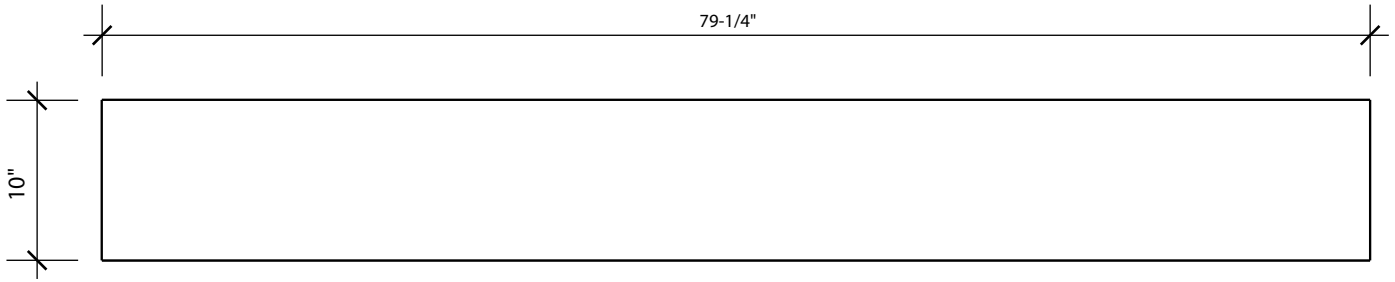
FOOTBOARD REINFORCEMENT BEAM 1 1/2" THICK
MOUNT ON THE INTERIOR OF THE FOOTBOARD 2" BELOW THE TOP AND CENTERED.
CONSTRUCTED AND INSTALLED BY MILLWORKER. SUPPLY COUNTERSINK CAPS.



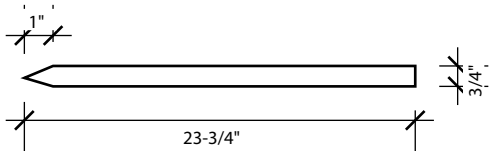
STRAP SUPPORT PANEL (WOOD ONLY)
INSTALLED DURING ZOOM-ROOM MECHANISM INSTALLATION. CONSTRUCTED BY MILLWORKER.



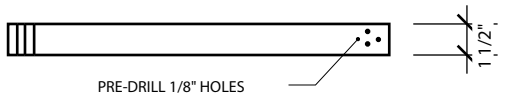
BASE PANEL
INSTALLED DURING ZOOM-ROOM MECHANISM INSTALLATION. CONSTRUCTED BY MILLWORKER.



CARRIAGE STABILIZERS
INSTALLED DURING ZOOM-ROOM MECHANISM INSTALLATION. CONSTRUCTED BY MILLWORKER.
OPTIONAL FOR CARPET INSTALLATIONS. MOUNTED UNDER CARRIAGE SYSTEM

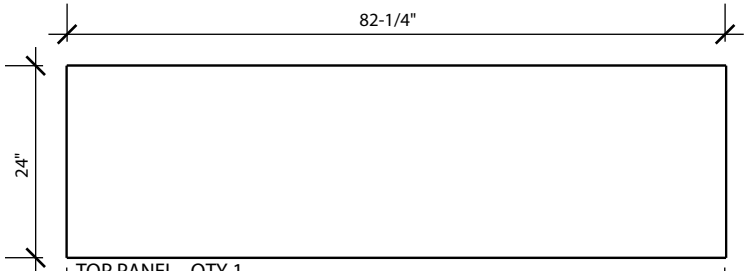


SIDE VIEW

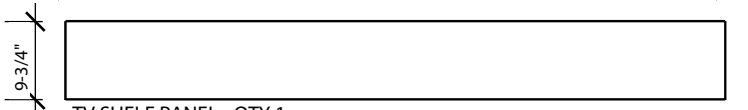


TOP VIEW

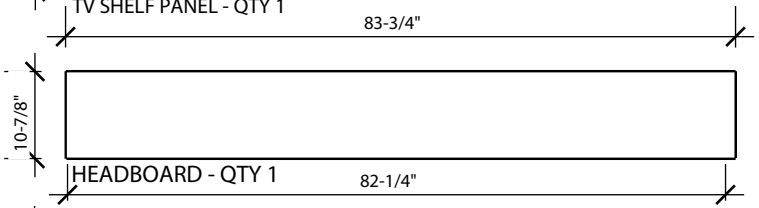
PARTS ZOOM-ROOM ™ HORIZONTAL MECHANISM	ZOOM-ROOM ™	2121 N. BAYSHORE DR. #912 MIAMI, FL 33137 305.677.9148	
	DATE: MARCH 2015	SCALE: NTS	SHEET 5 OF 6



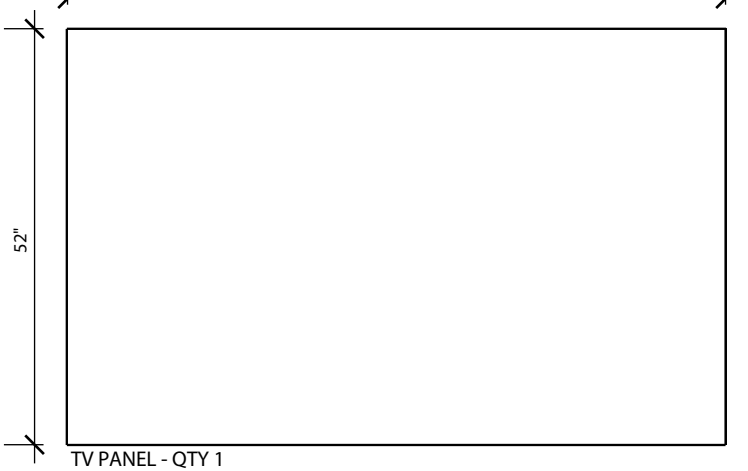
TOP PANEL - QTY 1



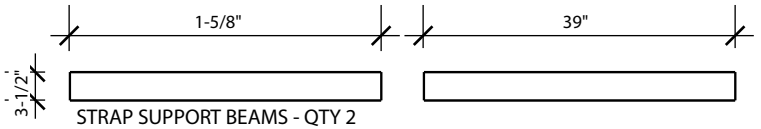
TV SHELF PANEL - QTY 1



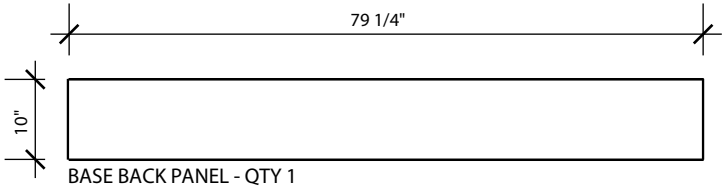
HEADBOARD - QTY 1



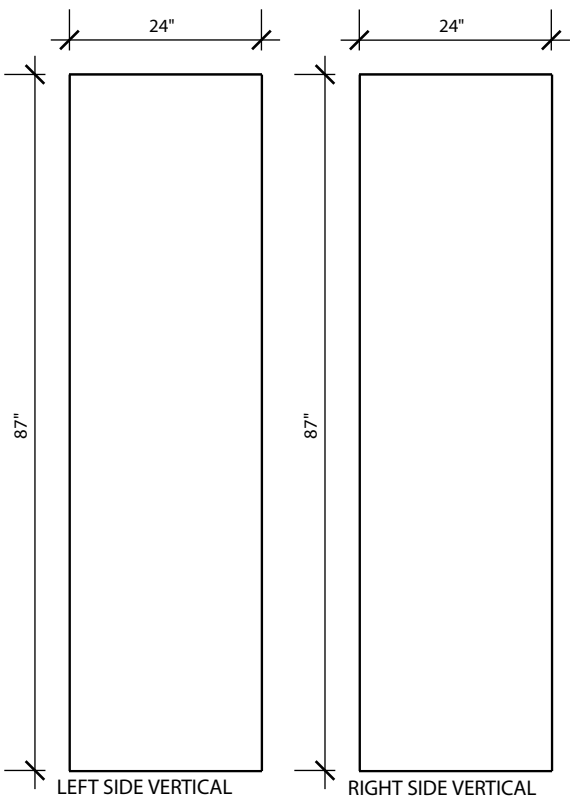
TV PANEL - QTY 1



STRAP SUPPORT BEAMS - QTY 2



BASE BACK PANEL - QTY 1

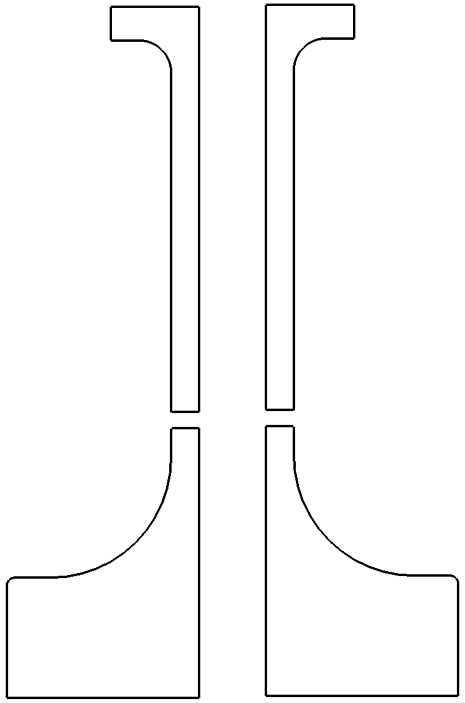


LEFT SIDE VERTICAL PANELS - QTY 1

RIGHT SIDE VERTICAL PANELS - QTY 1

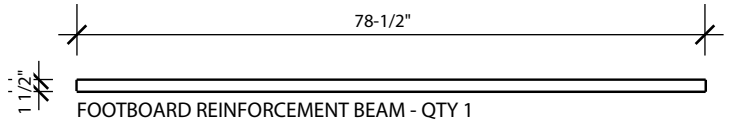
LEFT UPPER BOLSTER - QTY 1
1-1/2" THICK
SEE SHHT 4 OF THE 7 FOR SPACS

RIGHT UPPER BOLSTER - QTY 1
1-1/2" THICK
SEE SHHT 4 OF THE 7 FOR SPACS



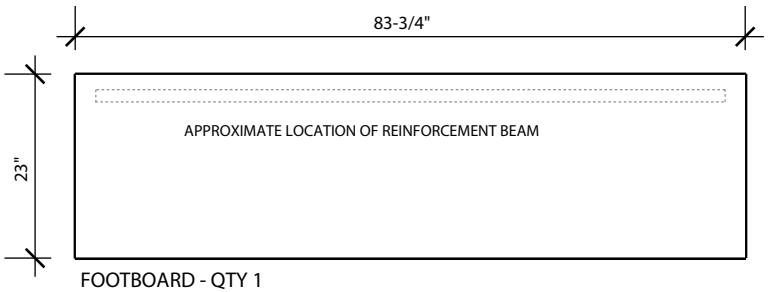
LEFT LOWER BOLSTER - QTY 1
1-1/2" THICK
(BEVEL ON THE INTERIOR EDDGE)
SEE SHET 4 OF THE 7 FOR SPACS

RIGHT LOWER BOLSTER - QTY 1
1-1/2" THICK
(BEVEL ON THE INTERIOR EDDGE)
SEE SHET 4 OF THE 7 FOR SPACS

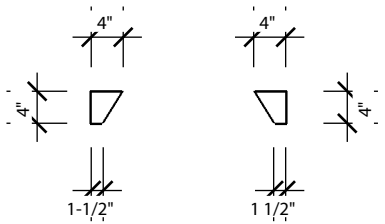


FOOTBOARD REINFORCEMENT BEAM - QTY 1

DIMENSIONS: 78 1/2"x 1-1/2"x 1-1/2"
MOUNTED ON INTERIOR OF THE FOOTBOARD
@ 2" BELLOW THE TOP AND CENTERED



FOOTBOARD - QTY 1



DROP BLOCK - QTY 2

FINISH PANEL SIZE (INCLUDING EDGE BENDING) ZOOM-ROOM ™ HORIZONTAL MECHANISM	ZOOM-ROOM ™	2121 N. BAYSHORE DR. #912 MIAMI, FL 33137 305.677.9148
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