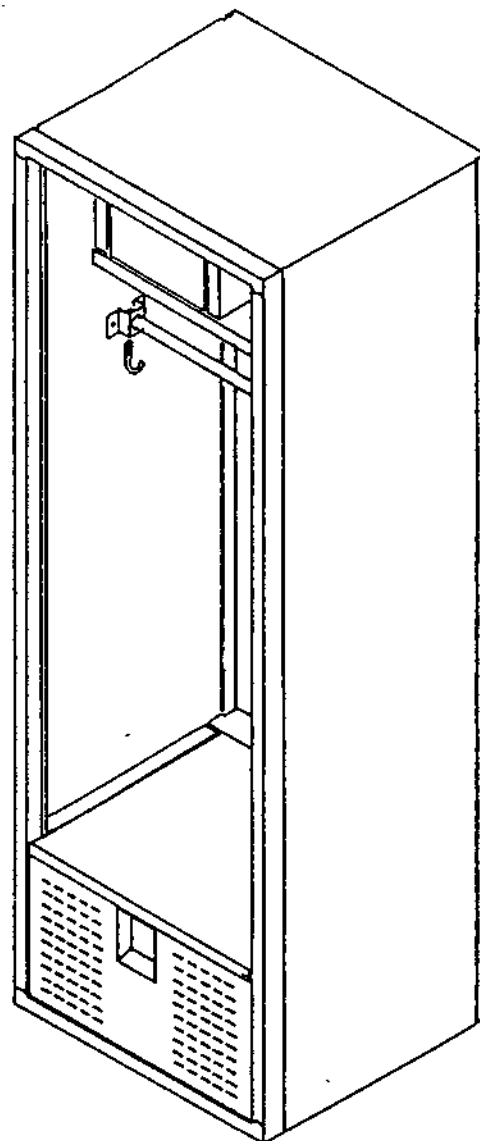
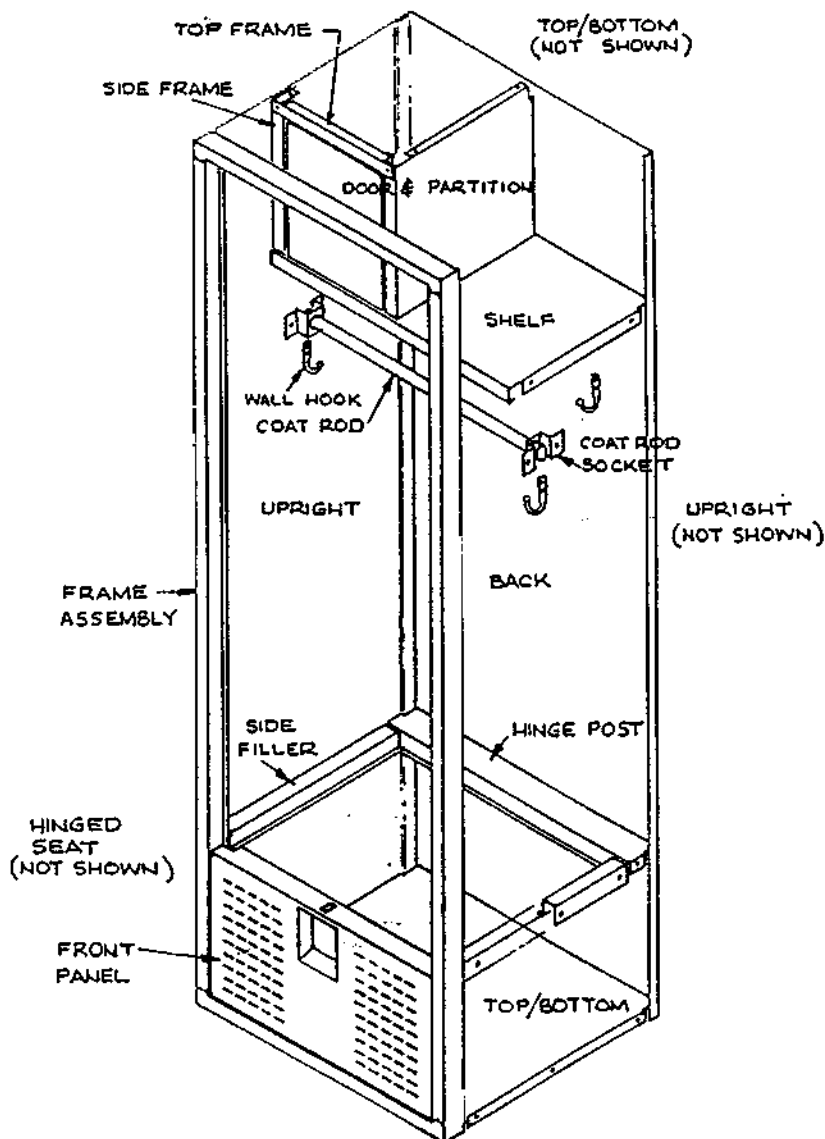


# ASSEMBLY INSTRUCTIONS

(For standard MVP with optional locked compartment and foot locker.)

**Tight tolerances: must be assembled as follows:**

1. Assemble left upright to back. (Heads of rivets on outside with washers inside.)
2. Add top/bottom to back and upright at top. (Washers inside)
3. Attach locked compartment left side frame (12-21/32" long) to upright and top. (Heads of rivets on the outside of upright and top - Note: No washers needed)
4. Assemble door and partition assembly to back and top (Door has spring hinges) (Note: lay door over frame hook on the side frame and line up holes in top and back. Rivet from outside of locker - no washers needed)
5. Add top frame to left side frame and door and partition assembly.
6. Attach shelf to upright, back and partition. (No washers required on partition) Attach coat rod socket to left upright, hooks to left upright and back - washers on inside.
7. Attach hinge post assembly to back and left upright. (Washers required at back only.)
8. Rivet hinge seat to hinge post. (Washers recommended on the inside of seat.)
9. Attach top and bottom to back and upright. (Washers on the inside.)
10. Attach right upright, coat rod socket, hooks and coat rod. (Washers on the inside.)
11. Attach front panel to frame assembly. (Heads of rivets to the inside of front panel. No washers required.)
12. Rivet frame assembly with front panel to locker body. (Washers on the inside of locker.)
13. Add side fillers to sides of both uprights. (Make sure return flange of side fillers are on top of rear hinge post flange and on top of front panel.)



**REPUBLIC**

STORAGE SYSTEMS COMPANY  
1038 BELDEN AVE. NE • CANTON, OH 44705

MVP  
ATHLETIC LOCKER

8/99

7002430

# LOCKER ANCHORING RECOMMENDATIONS

**FAILURE TO PROPERLY ANCHOR LOCKERS COULD CAUSE THEM TO TOPPLE OVER AND RESULT IN SEVERE PERSONAL INJURY.**

**SAFETY  
WARNING**

Lockers must be anchored to walls and/or floors using appropriate fasteners to suit wall and floor materials. See Page 4 for chart of suggested fasteners with corresponding holding power.

The recommendations on Pages 1, 2 and 3 of this brochure are intended as recommendations only and not as warranties. Actual instructions depend on wall and floor materials, installation techniques and other variables. If assistance is needed, please call Republic Storage Systems Company, Inc. (also referred to hereinafter as "Republic" and as "Republic Storage Systems") in Canton, Ohio at (216) 438-5800 and every effort will be made to assist in designing a safe installation.

**REPUBLIC STORAGE SYSTEMS COMPANY, INC. SPECIFICALLY DISCLAIMS ALL WARRANTIES, EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE CONCERNING THE RECOMMENDATIONS SET FORTH IN THIS BROCHURE.**

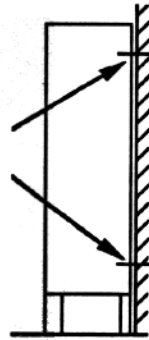
## SINGLE ROW LOCKERS

Use an anchor with at least 150 lb. pull-out value.

If wall material or fastener will not allow this value, use enough fasteners to achieve this value within the 36" (maximum) horizontal spacing.

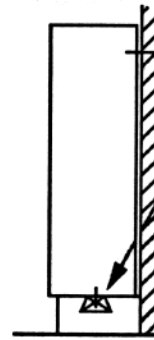
### WITH LEGS AGAINST WALL

Anchor to wall near top and bottom of locker at each end of row of lockers plus every 36" (maximum) along the length of the row.



### ON BASE AGAINST WALL

Anchor to wall near top of locker and to base at each end of row of lockers plus every 36" (maximum) along the length of the row.

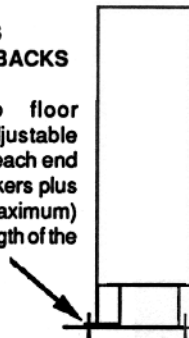


Use an anchor with at least 200 lb. pull-out value.

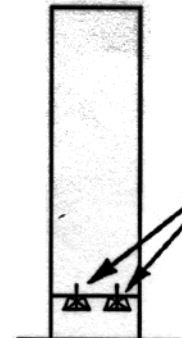
If floor/base material or fastener will not support this value, use additional fasteners to achieve this value within the 36" (maximum) horizontal spacing.

### WITH LEGS EXPOSED BACKS

Anchor to floor through adjustable front feet at each end of row of lockers plus every 36" (maximum) along the length of the row.



Anchor to floor through rear angle leg at each end of row of lockers plus every 36" (maximum) along the length of the row.



### ON BASE EXPOSED BACKS

Anchor to base in two places at each end of row of lockers plus every 24" (maximum) along the length of the row.

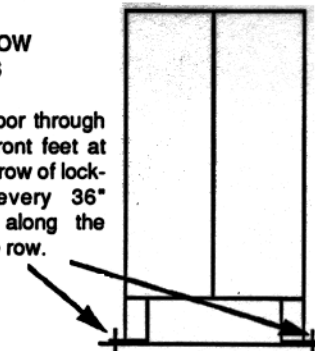
## DOUBLE ROW LOCKERS

Use an anchor with at least 150 lb. pull-out value.

If floor/base material or fastener will not support this value, use additional fasteners to achieve this value within the 36" (maximum) spacing.

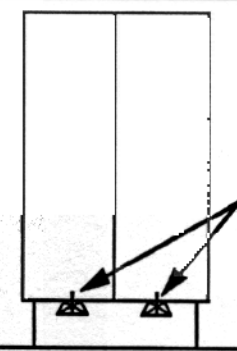
### DOUBLE ROW WITH LEGS

Anchor to floor through adjustable front feet at each end of row of lockers plus every 36" (maximum) along the length of the row.

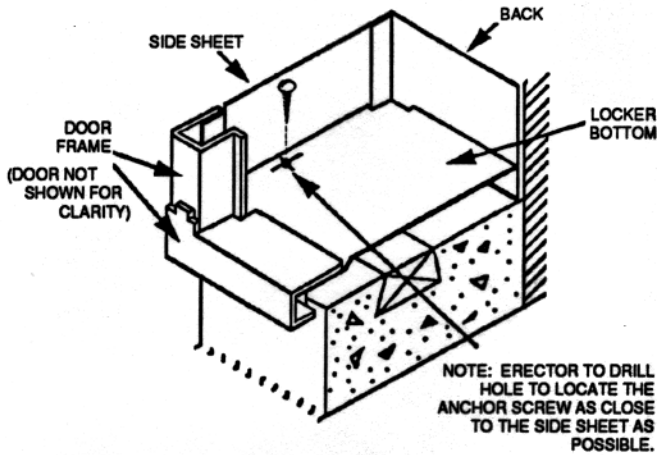


### DOUBLE ROW ON BASE

Anchor to base at each end of row of lockers plus every 36" (maximum) along the length of the row.

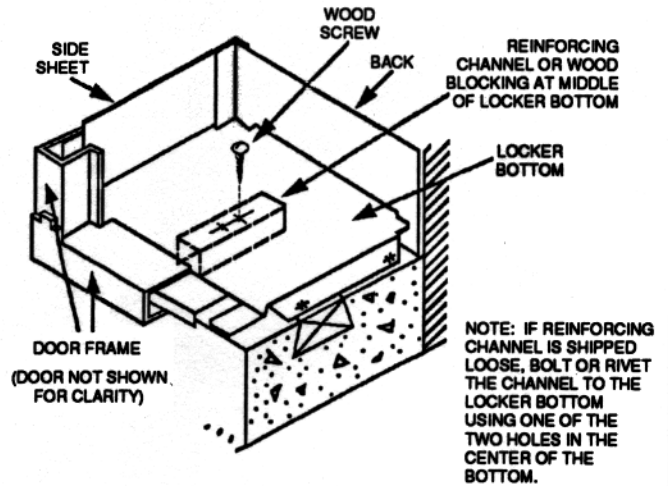


Note: Select anchors to meet recommended pull-out value from Column 5 of Table shown on Page 4.



**CUT-AWAY DETAIL OF LOCKER BOTTOM**

Showing Placement of Anchoring Screw when Bottom Reinforcement is not used.

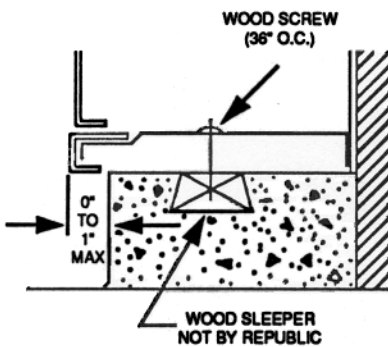


**CUT-AWAY DETAIL OF LOCKER BOTTOM**

Showing Bottom Reinforcing Channel or Wood Blocking, Anchoring Screw and Wood Sleeper.

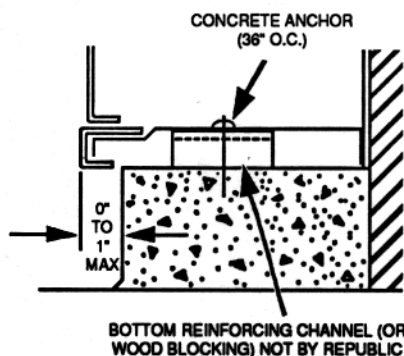
## ANCHORING NOTES

- The minimum nominal size of wood sleepers is 2" x 4".
- The minimum pull-out value required for wood screws into sleepers or, concrete anchors into concrete, is 80 pounds provided lockers are **ALSO** anchored to wall.
- When lockers are **NOT** anchored to walls, the minimum pull-out value required for wood screws into sleepers or, concrete anchors into concrete, is 200 pounds.



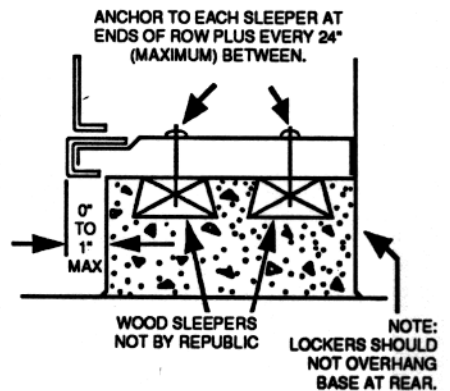
**SUGGESTED BASE DETAIL**

Concrete Base WITH Wood Sleepers and Lockers ALSO anchored to wall.



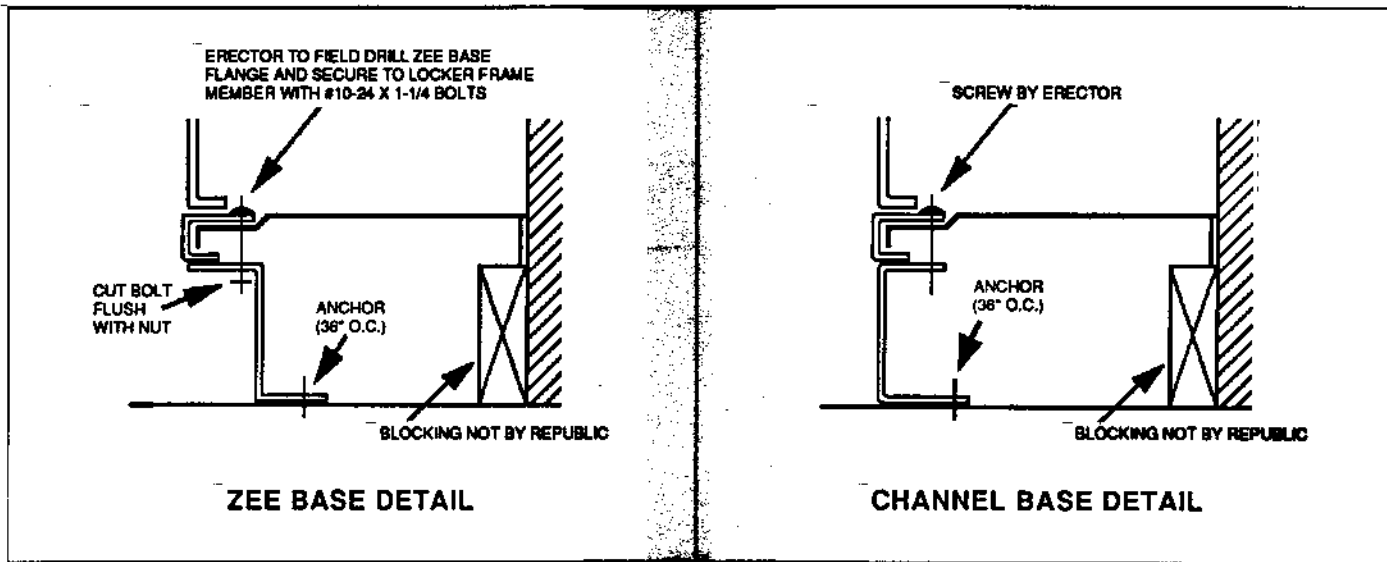
**SUGGESTED ALTERNATE METHOD BASE DETAIL**

Concrete Base WITHOUT Wood Sleepers and Lockers ALSO anchored to wall.



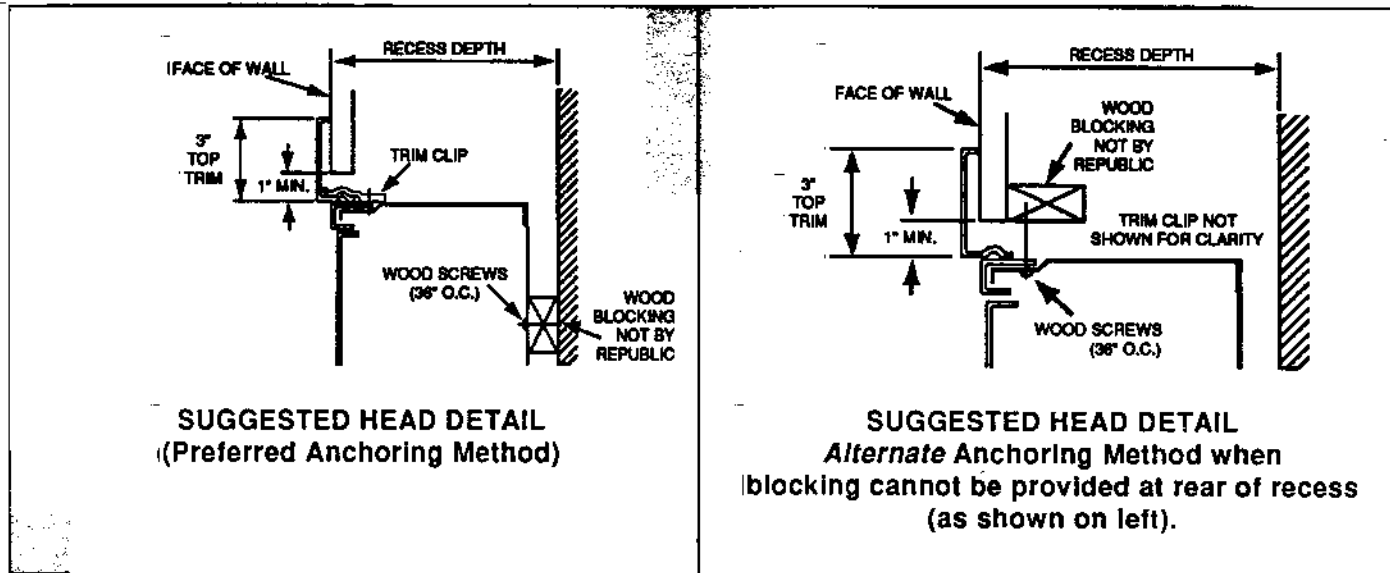
**SUGGESTED BASE DETAIL (CONCRETE)**

When Lockers are In Single Row Island Groups and anchoring to wall is not possible.



## RECESS ANCHORING DETAILS

Recessed Lockers must also be anchored to the base or floor as shown in details throughout this brochure.



## RECESS ANCHORING NOTES













- The above Recess Details depict standard locker construction. If Designer or Mondrian® lockers are being installed, the face of wall will not be flush with face of lockers as shown.
- California Installations: Please contact our Product Engineering Department at the Canton Home Office for information relative to anchoring requirements that may be required for compliance with Title 24 of the California Administrative Code.



Note: The recommendations on Pages 1, 2 and 3 of this brochure are intended as recommendations only and not as warranties. Actual anchoring instructions depend on wall and floor materials, installation techniques and other variables.

If assistance or additional information is needed, please call Republic Storage Systems Company, Inc. in Canton, Ohio at (216) 438-5800 and every effort will be made to assist in designing a safe installation.

# Various Types of Fasteners Recommended for Anchoring Lockers and Accessories

1. DESCRIPTION	2. USE IN:	3. PENETRATION	4. SIZE	5. RECOMMENDED PULL-OUT HOLDING POWER		6. DRILLED HOLE REQUIRED
 SPRING WING TOGGLE BOLT	Hollow Block Wall Board Plaster Hollow Tile	Completely through wall.	1/8" Diameter	1/2" Drywall Concrete Block	30# 77#	3/8" Diameter
			3/16" Diameter	1/2" Drywall Concrete Block	41# 107#	1/2" Diameter
 HOLLOW WALL ANCHOR	Plaster Wall Board Cinder Block Hollow Tile	Completely through wall.	1/8"	1/2" Drywall	22#	1/4" Diameter
			3/16"	5/8" Drywall	33#	3/8" Diameter
 WOOD SCREW	Wood: • Cypress • White Pine	1"	#10		80#	
			#12		120#	
			#14		150#	
			#16		173#	
 LAG SCREW	Wood: • Spruce • Pine • Fir	1-1/2"	1/4"		173#	9/64" Diameter
			1/4"		260#	9/64" Diameter
			5/16"		204#	11/64" Diameter
			5/16"		307#	11/64" Diameter
 WEDGE ANCHOR STUD	Concrete or Stone	1-1/8"	1/4"		417#	1/4" Diameter
			3/8"		891#	3/8" Diameter
 STUD ANCHOR	Concrete Stone	1-5/8"	1/4" x 1-3/4"		575#	1/4" Diameter x 1-3/8". Note: Depth of hole is critical.
			3/8"			
 HAMMER DRIVE PIN	Concrete Block Brick	1/2" Minimum in hard concrete to 1-1/4" in softer concrete block.	1/4" x 3/4"		59#	No hole required.
 JUTE FIBER ANCHOR	All Masonry materials	1"	#8 s.m.s.		297#	11/64" Diameter
			#12 s.m.s.		500#	1/4" Diameter
 EXPANSION SHIELD	Concrete Brick Stone	1-3/8"	1/4"		425#	1/2" Diameter x 1-3/8" Minimum Depth.
 LAG SHIELD	Concrete Mortar Joint	1" in hard masonry. 1-1/2" in soft masonry.	1/4"		112#	1/2" Diameter x 1" Minimum.
 NAILIN, ZINC	Concrete Block Brick Stone	5/8"	1/4" x 3/4"		150#	1/2" Diameter x 1-1/2" Minimum.
 RAWL DRIVE	Concrete Stone	1-1/8"	1/4" x 1-1/2"		502#	1/4" Diameter x 1-3/4" Minimum. Fastener should not touch bottom of hole.

Use Column 5 to find the pull-out value equal to or greater than values shown on Pages 1 and 2\* (see note below). Column 5 represents the recommended holding power of the particular fastener and is derived from the ultimate holding power by applying a factor of safety of 4:1 (25% of ultimate value). Use this column to select the fasteners suitable for the job conditions by matching these values to the recommended pull-out values in the anchoring details.

For proper methods of installing fasteners, consult the fastener manufacturers detailed instructions.



**\* Note**  
 This chart is intended as a guide only, and not as a warranty. Actual values depend on wall and floor materials, installation techniques and other variables. Ultimate values based upon empirical data given in the various charts by the fastener manufacturers are divided by a factor of safety of 4 to derive the figures shown in Column 5.

Compressive strengths of concrete shown in the table are those used by the manufacturer of the fastener indicated and represents a value achieved in the tests conducted to derive the ultimate holding power. The actual material into which the anchoring devices are used on the job may not match that as stated on the chart and could result in a reduction of the holding power shown.

REPUBLIC STORAGE SYSTEMS SPECIFICALLY DISCLAIMS ALL WARRANTIES, EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE CONCERNING THE RECOMMENDATIONS SET FORTH ON PAGE 4 OF THIS BROCHURE.

The fasteners used to anchor lockers are not furnished by Republic Storage Systems. They are furnished by the erector/installer who must match the individual job conditions with the appropriate fastener (selected from the chart above) to obtain the recommended holding power as shown in the various anchoring details.