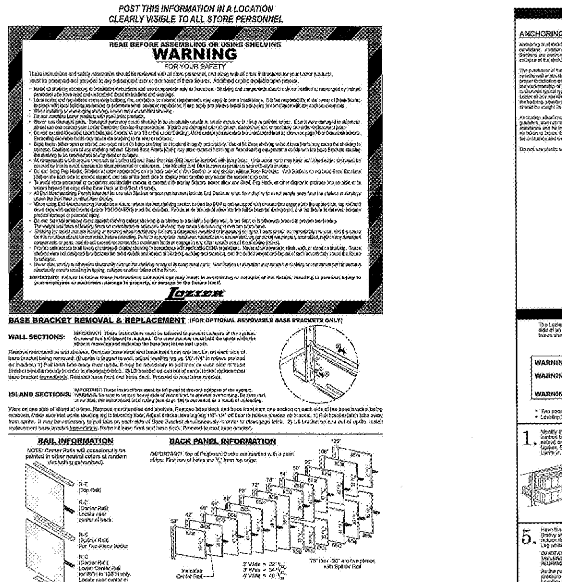
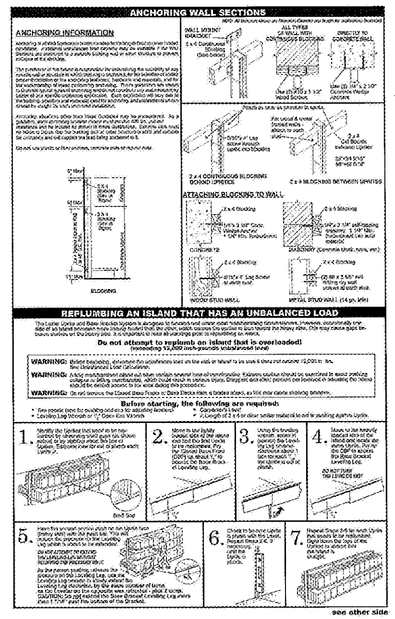
OrderPlans @ www.LDILine.com





INSTALLATION INSTRUCTIONS

S-SERIES STORAGE SHELVING

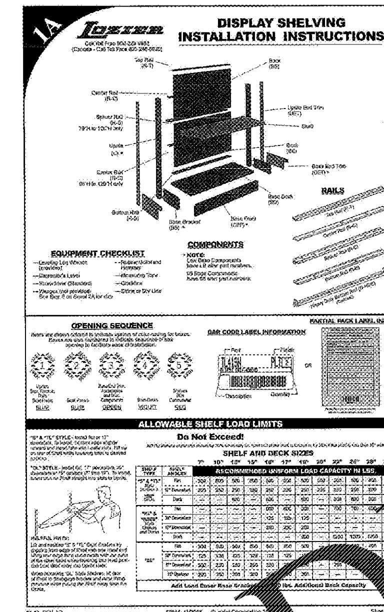
PRODUCT SAFETY INFORMATION

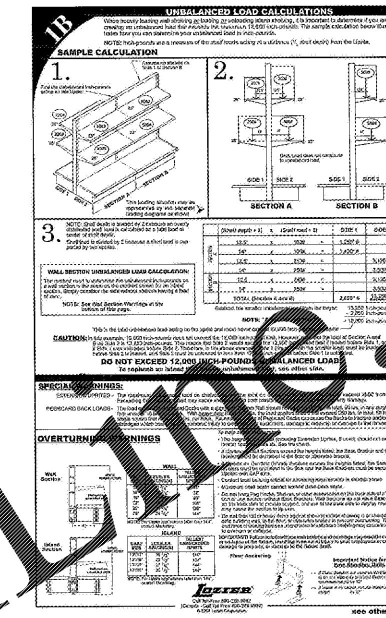
WARNING

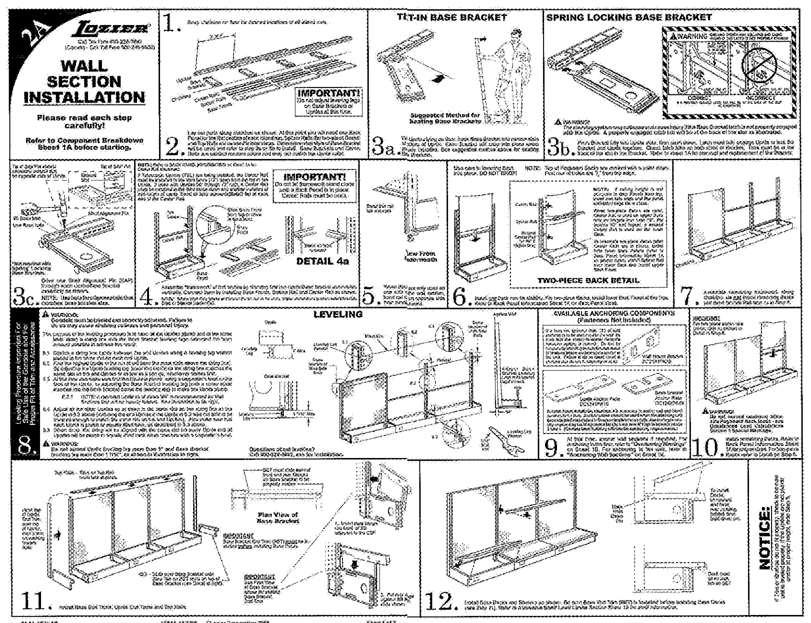
FOR YOUR SAFETY

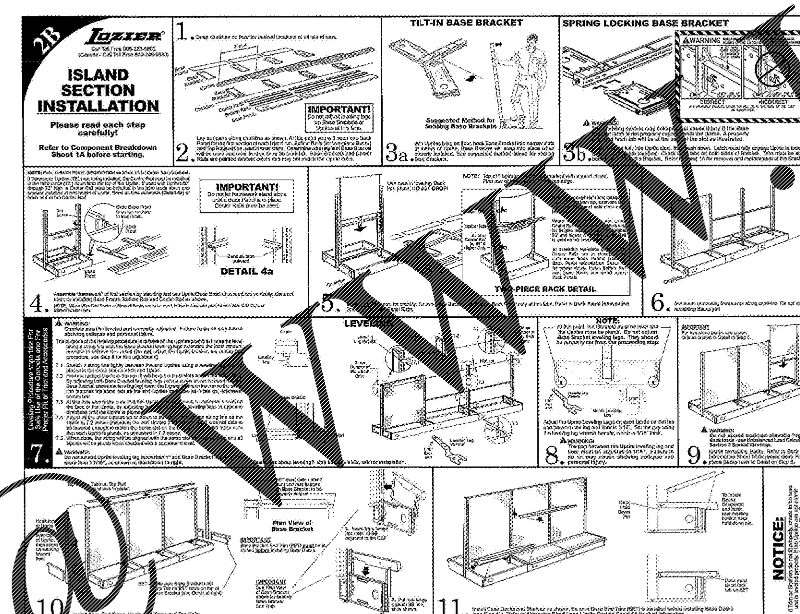
* Install all shelving according to installation instructions and use components only as instructed. Shelving and components should only be installed or rearranged by trained personnel who have read and understand the instructions and warnings. Additional copies of the installation instructions are available upon request.
* Local codes and regulations concerning building, fire, sanitation, or seismic requirements may apply to some installations. It is the responsibility of the owner of the fixtures to check with local building authorities to determine what codes or regulations, if any, apply, and always install the shelving in compliance with any such requirements.
* When installing or rearranging shelving, never move assembled shelving.
* Do not combine Lozier products with non-Lozier products.
* Never use damaged parts. Damaged parts may cause shelving to be structurally unsafe or create exposure to sharp or pointed edges. If parts were damaged in shipping, do not use and contact your Lozier Customer Service Representative. If parts are damaged after shipment, discontinue use immediately and order replacement parts.
* Do not exceed Allowable Load Limits. Exceeding allowable loads may cause the shelving to tip over or collapse.
* To avoid store personnel or customers accidentally coming in contact with display fixtures, never allow any display to protrude into an aisle or to extend beyond the edge of the fixtures.
* Do not lean tall or heavy items against shelving unless shelving is anchored to a suitable building wall, to the floor, or is otherwise braced to prevent overturning. The weight and force of leaning items on unanchored or unbraced shelving may cause the shelving to overturn or collapse.
* Provide safe access to all levels of storage & display shelving in accordance with applicable OSHA regulations. Never allow anyone to climb, walk, or stand on shelving. These shelves were not designed to withstand the extra weight and impact of climbing, walking, and standing, and the added weight and impact of such actions may cause the fixtures to collapse.
* Never alter, modify or otherwise structurally change the shelving or any of its component parts. Modifications or alteration may cause the shelving or component part to become structurally unsafe resulting in tipping, collapse or other failure of the fixture.
* Inspect the shelving system periodically for damage. Parts that are bent, buckled, dented, cracked, or otherwise damaged should be replaced. Tighten or replace loose or missing fasteners.
* Shelving (or racks) that are leaning or bending when loaded may indicate a dangerous overload or impending collapse. Loads should be immediately reduced, and the cause for this condition should be corrected, before reloading. Refer to appropriate installation instructions to assure shelving (or racks) are properly assembled, replace any damaged components or parts, and do not exceed recommended maximum loads or engage in any other unsafe use of the shelving (racks).

IMPORTANT: FAILURE TO FOLLOW THESE INSTRUCTIONS AND WARNINGS MAY RESULT IN PERSONAL INJURY TO YOUR EMPLOYEES OR CUSTOMERS, DAMAGE TO PROPERTY, OR DAMAGE TO THE FIXTURE ITSELF.







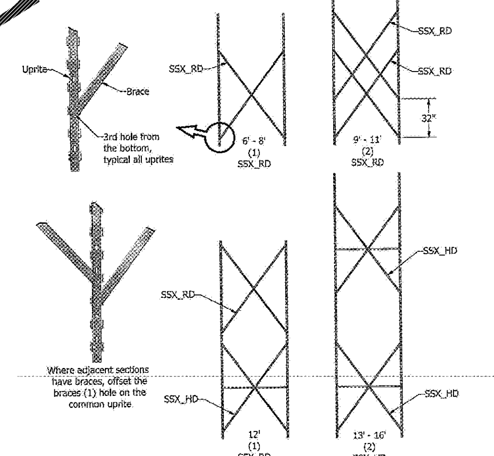


INSTALLATION INSTRUCTIONS

S-SERIES STORAGE SHELVING

SYSTEM STABILIZING REQUIREMENTS

Uprite heights and crossbrace requirements



INSTALLATION INSTRUCTIONS

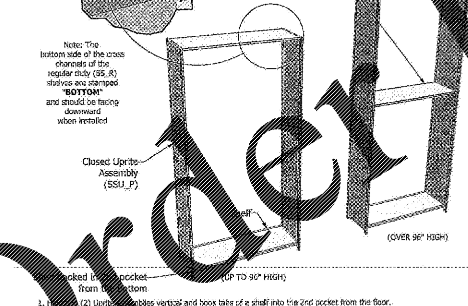
S-SERIES STORAGE SHELVING

CLOSED WOOD STORAGE SHELVING ASSEMBLY INSTRUCTIONS

STARTER SECTION

CAUTION: **AT LEAST TWO PEOPLE ARE REQUIRED TO STABILIZE THE SYSTEM DURING ASSEMBLY.**

WARNING!: **REFERENCE PAGE 21 FOR *PRODUCT SAFETY INFORMATION***



1. Hold (2) Uprite assemblies vertical and hook tabs of a shelf into the 2nd pocket from the floor.
2. Install shelf near the top of the Uprites and install an intermediate shelf on taller uprites. (Over 96" high) This will help stabilize the section. Reference pages 16 & 17 for shelf styles and for proper shelf orientation.

WARNING! TO STABILIZE THE FINISHED SYSTEM, A BOTTOM SHELF SHOULD BE INSTALLED WITHIN 6" OF THE FLOOR (UNLESS FLOOR ANCHORS ARE USED, SEE PAGE 7) AND A TOP SHELF WITHIN 12" OF THE TOP OF THE UPRITE, AND SHELVES SPACED NO MORE THAN 40" IN EACH SECTION ON THE RUN TO MAINTAIN THE RATED LOAD CARRYING CAPACITY OF THE SYSTEM. SEE **SYSTEM & SHELF LOAD CAPACITIES** PAGES 16 & 17.

INSTALLATION INSTRUCTIONS

S-SERIES STORAGE SHELVING

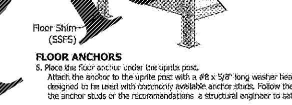
BASIC SYSTEM ASSEMBLY INSTRUCTIONS

FLOOR PROTECTORS/SHIMS

7. Floor protectors/shims are used to protect floors when required by the customer and to aid in leveling the system (by stacking the shims) when required. Install shims at assembly of the Starter Section by using 4' long level or plumb bob. When determining which side needs to be raised, lift one uprite at a time and then position shim(s) as shown.

WARNING: **DO NOT STACK MORE THAN (5) SHIMS UNDER AN UPRITE POST. ALWAYS CENTER SHIM(S) UNDER THE POST.**

NOTE: FLOOR PROTECTORS/SHIMS CANNOT BE USED IN CONJUNCTION WITH FLOOR ANCHORS.



FLOOR ANCHORS

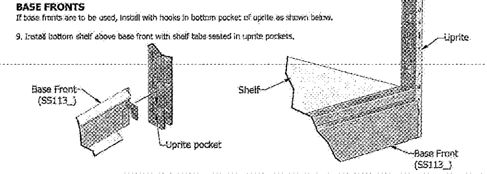
8. Place the floor anchor under the uprite post. Attach the anchor to the uprite post with a #8 x 5/8" long washer head screw. (the floor anchor is designed to be used with commonly available anchor studs. Follow the installation instruction provided with the anchor studs or the recommendations a structural engineer to satisfy building code requirements.)

WARNING: **FLOOR ANCHORS MUST BE USED WHEN:**
(1) THE UPRITES HEIGHT TO DEPTH RATIO EXCEEDS 6:1. (IF THE TWO SECTIONS ARE CONNECTED BACK-TO-BACK, USE THEIR COMBINED DEPTH TO CALCULATE THE HEIGHT TO DEPTH RATIO.)
(2) THE BOTTOM SHELF IS NOT WITHIN 6" OF THE FLOOR.
(3) ON ALL UPRITE POSTS AND SUPPORT POSTS THAT SUPPORT A 2ND LEVEL CATWALK SYSTEM.
(4) LOCAL BUILDING CODES REQUIRE THEM.
(5) SHELVING MUST BE ANCHORED TO THE FLOOR, TO A SUITABLE BUILDING WALL, OR OTHERWISE BRACED TO PREVENT OVERTURNNING IN THE EVENT TALL OR HEAVY ITEMS ARE LEANED AGAINST THE SHELVING.

BASE FRONTS

If base fronts are to be used, install with hooks in bottom pocket of uprite as shown below.

9. Install bottom shelf above base front with shelf tabs seated in uprite pockets.



INSTALLATION INSTRUCTIONS

S-SERIES STORAGE SHELVING

BASIC SYSTEM ASSEMBLY INSTRUCTIONS

BACK-TO-BACK RUNS WITH CROSSBRACES

5. The sections in the back-to-back runs must be fastened to one another. There are two ways to do this:

(1) Install cross-braces on one run first and then screw the uprites of the second run to the first;

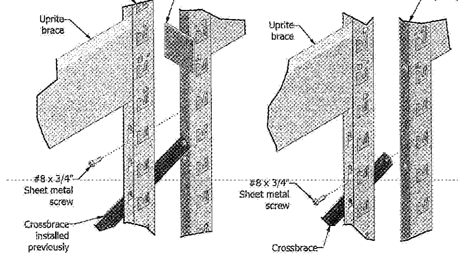
(2) Install cross-braces at the same time that the back-to-back uprites are screwed together.

(See illustrations of the methods)

CAUTION: When (2) Uprites are secured together, a #8 x 3/4" screw should be used. (See page 18)

6. Fasten the back to back runs together with #8 x 3/4" sheet metal screws. If method (1) above is used, hold an 1/8" thick, temporary spacer between the uprite posts (except where the crossbrace screws are located) to maintain post spacing while they are being fastened together. Remove and re-use spacer. If method (2) above is used, the screw must go through one post, then the crossbrace, then the other back-to-back post, as shown.

IMPORTANT: All back to back posts must have one screw within 18" of the top of the uprite, one within 18" of the bottom, and intermediate screws no more than 36" apart.



INSTALLATION INSTRUCTIONS

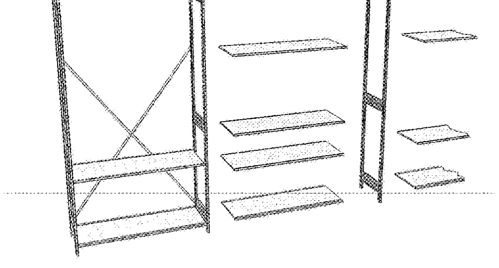
S-SERIES STORAGE SHELVING

BASIC SYSTEM ASSEMBLY INSTRUCTIONS

ADDING SECTIONS:

4. Hook shelf tabs into pockets in line with one of the center shelves of the starter section. Hook tabs at other end of shelf into pockets of free uprite. Install remainder of shelves at required positions. Crossbraces should be attached as instructed by **SYSTEM STABILIZING REQUIREMENTS** Pages 19 & 20.

WARNING! **THE SHELVES MUST BE LEVEL AND EACH CORNER MUST FULLY ENGAGE THE UPRITE POCKET.**



INSTALLATION INSTRUCTIONS

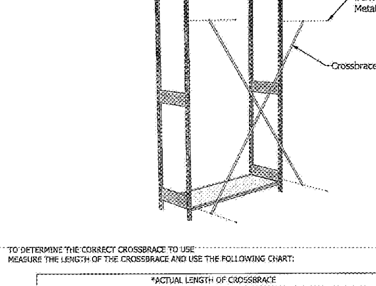
S-SERIES STORAGE SHELVING

BASIC SYSTEM ASSEMBLY INSTRUCTIONS

STABILIZATION WITH CROSSBRACES

3. All shelving runs should be stabilized on the first section, last section, and every fourth section between. With the #8 x 5/8" sheet metal screws provided, attach the crossbrace to the Uprites using the small holes on the face of the Uprite. On Uprites higher than 8', two crossbraces are required, one above the other. See **SYSTEM STABILIZING REQUIREMENTS pages 19 & 20** for specific style and quantities for your specific uprite height.

WARNING! DO NOT USE POP RIVETS TO FASTEN CROSSBRACES TO UPRITES. ALWAYS USE #8 SHEET METAL SCREWS OR UPRITES MAY BECOME SEPARATED UNDER LOAD, CAUSING A POTENTIAL HAZARD. (BRACES MUST BE LOCATED AS SHOWN BY **SYSTEM STABILIZING REQUIREMENTS** PAGES 19 & 20.)



TO DETERMINE THE CORRECT CROSSBRACE TO USE
MEASURE THE LENGTH OF THE CROSSBRACE AND USE THE FOLLOWING CHART:

Section Width	*ACTUAL LENGTH OF CROSSBRACE: 36", 48", 60" Uprites	72", 84", 96" Uprites	108" & Higher: Lower Brace	108" & Higher: Upper Brace
30"	47 1/2"	74 1/16"	74 1/16"	74 1/16"
48"	57 3/16"	80 5/8"	80 5/8"	80 5/8"

1 GONDOLA & SHELVING ASSEMBLY

FOR REFERENCE ONLY

CONSULTANTS

ARCHITECTURAL SEAL

DATE ISSUE

DATE	REVISION	NAME
04/07/17	PERMIT / OWNER	

PROJECT NAME / LOCATION

five BELOW

FAYETTEVILLE PAVILION
110 PAVILION PARKWAY, SPACE 110A
FAYETTEVILLE, GA 30214

PROJECT INFORMATION

DATE: APRIL 07, 2017

PROJECT NO. 170238

DELIVERY TYPE: V-BOX

SHEET TITLE / NUMBER

GONDOLA DETAILS

F2.0