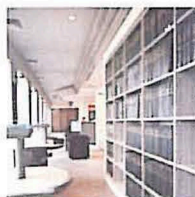
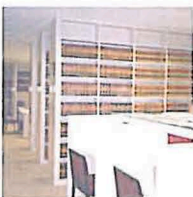
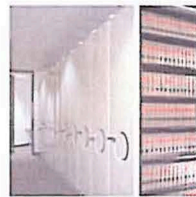
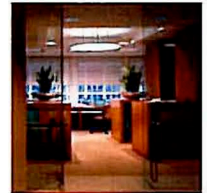
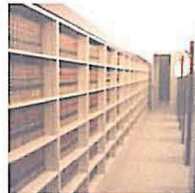
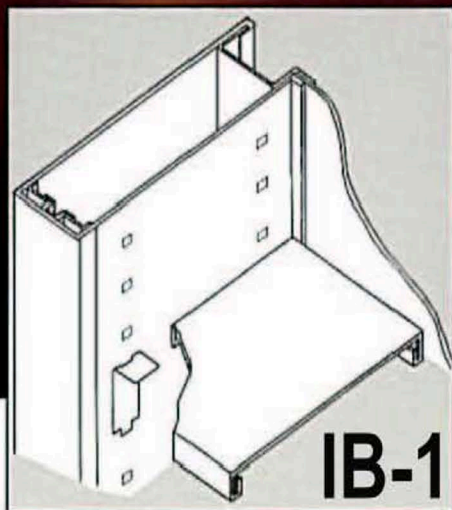
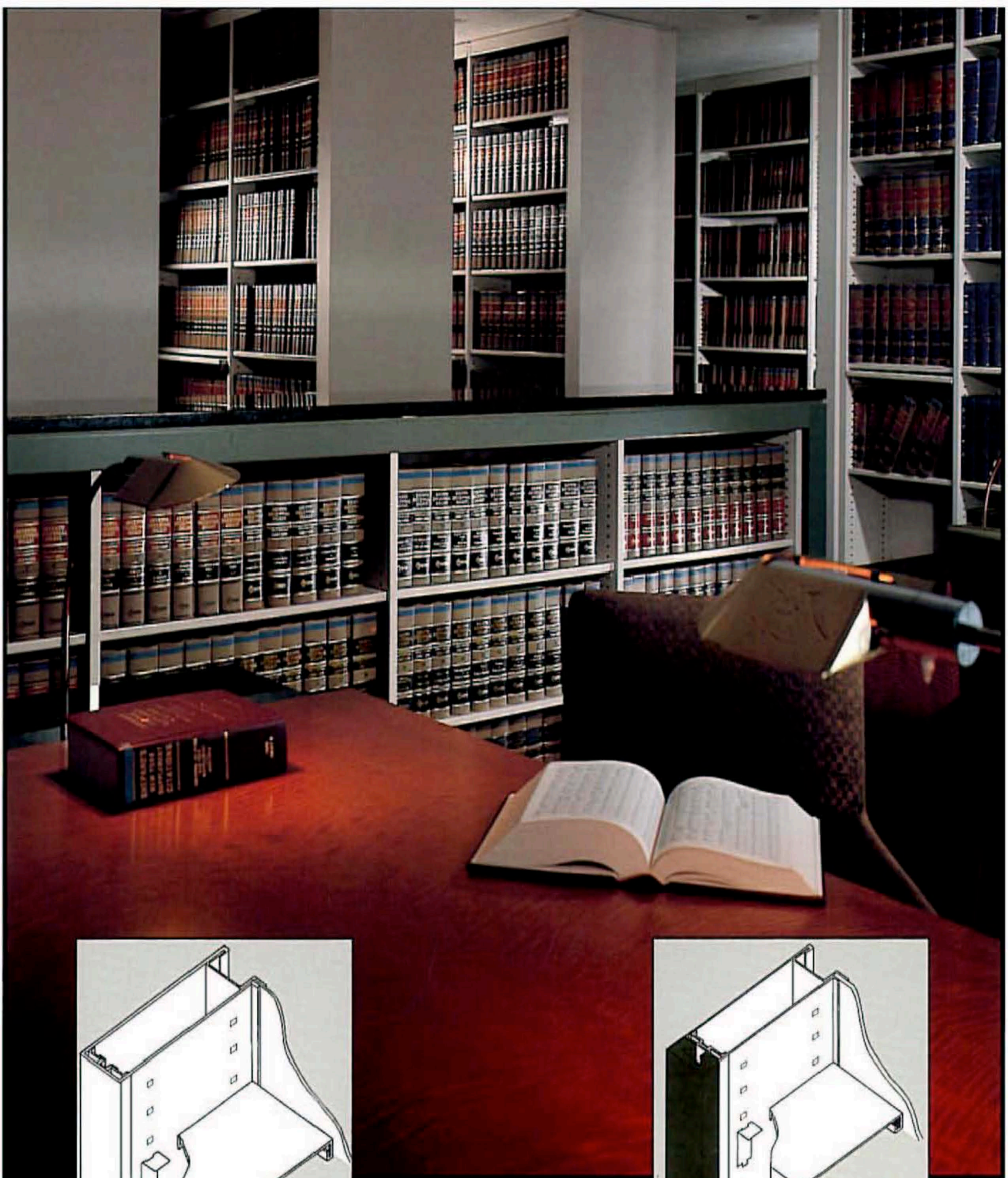




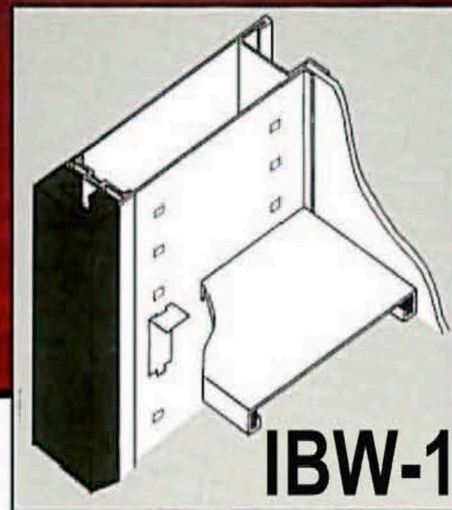
LBS OFFICE

shelving and storage





IB-1



IBW-1



SPECIFICATIONS FOR BOOKCASE TYPE UNITS - LB-1 AND II, LBW-1, AND II

END AND INTERMEDIATE PANELS SHALL BE OF WELDED DOUBLE WALL CONSTRUCTION FABRICATED OF 20 GAUGE COLD ROLLED FURNITURE STEEL, WITH SLOTS PERFORATED ON 1" CENTERS, FOR THE ADJUSTMENT OF SHELVES. THE FRONT EDGE OF THE PANEL WILL BE OFFSET TO ACCOMMODATE A FRONT TRIM CHANNEL ON 19 GAUGE, WHICH WHEN APPLIED WILL BE FLUSH WITH THE PANEL, ELIMINATING ANY PROTRUSION. THE WIDTH OF THE PANEL WILL BE 1" THICK. THE REAR OF THE PANEL WILL HAVE A REAR FLANGE THAT WILL INTERMEMBER WITH ANOTHER FORMED MEMBER TO ENABLE THE INTERLOCKING OF THE BACK PANEL.

WOOD TRIM (OPTIONAL) CAN BE ATTACHED TO THE FRONT TRIM CHANNEL, (STYLE LBW-II) END PANELS AND/OR FASCIA.

ADJUSTABLE SHELVES ARE FABRICATED FROM 19 GAUGE COLD ROLLED STEEL WITH THE FRONT AND REAR EDGES HAVING TRIPLE BENDS FOR STRUCTURAL STRENGTH. THE SIDE EDGES ARE FORMED DOWN 3/4" WHICH INTERLOCKS WITH THE CLIPS AND THE PANEL. THE HEIGHT OF THE SHELF IS 3/4".

THE LB-II MODEL HAS A FLAT BAR OF STEEL 3/16" X 5/8" PRESSED INTO THE FRONT AND REAR EDGES. THE LB-1 MODEL HAS A TRIPLE BEND.

CLIPS ARE OPPOSING PRONG, MADE OF HEAVY GAUGE COLD ROLLED STEEL.

TOP SHELVES WILL BE FORMED OF 19 GAUGE COLD ROLLED STEEL WITH A FRONT BEND OF 1-1/4" IN HEIGHT, 3/8" BEND INWARD AND 3/8" UPWARD. THE REAR EDGE WILL HAVE A DOWNWARD BEND OF 1". THE SIDE BENDS WILL BE 3/4" WITH TWO (2) HOLES PROVIDED FOR THE ATTACHMENT TO THE PANEL, FOR ADDITIONAL UNIT RIGIDITY.

BASE (KICK) PLATE WILL BE FORMED OF 19 GAUGE COLD ROLLED STEEL TO A HEIGHT OF 2 1/2" TO 4" AS DESIRED. THE BASE PLATE WILL HAVE A SIDE FLANGE ON EACH SIDE WITH TWO (2) HOLES PROVIDED FOR THE ATTACHMENT TO THE PANEL.

CLOSED METAL BACK PANELS WILL BE OF ONE PIECE 20 GAUGE COLD ROLLED STEEL THAT WILL INTERLOCK WITH THE FLANGES OF THE END AND INTERMEDIATE PANELS AND WILL BE BOLTED FOR ADDITIONAL STRENGTH AND RIGIDITY.

WOOD VENEER OR HIGH PRESSURE LAMINATE END PANELS CAN BE ADDED TO THE METAL END PANELS TO ENHANCE THE APPEARANCE AT THE EXPOSED ENDS. AVAILABLE AS AN OPTIONAL ITEM.

FINISH IS A TECHNOLOGICALLY ADVANCED, ENVIRONMENTALLY SAFE THERMOSETTING POWDER COATING PROCESS THAT PRODUCES FINISHES OF OUTSTANDING BEAUTY AND DURABILITY. THIS IS AN ENVIRONMENTALLY FRIENDLY PROCESS.

slots perforated on
1" centers

20 gauge
end panel

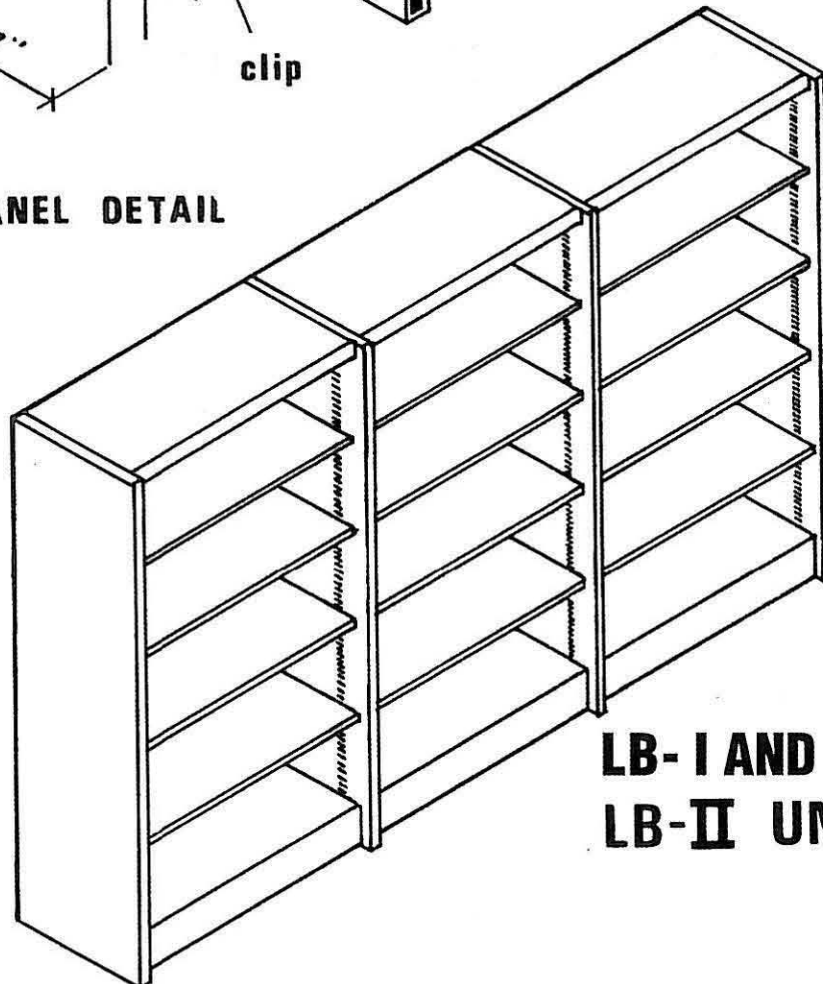
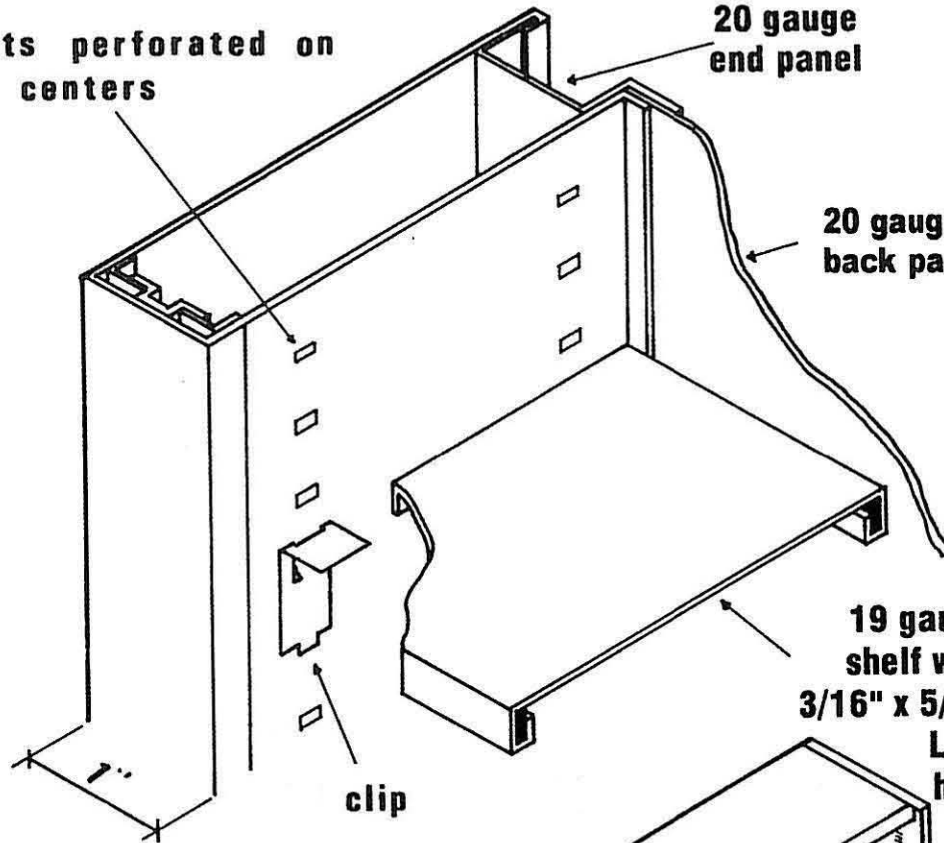
20 gauge
back panel

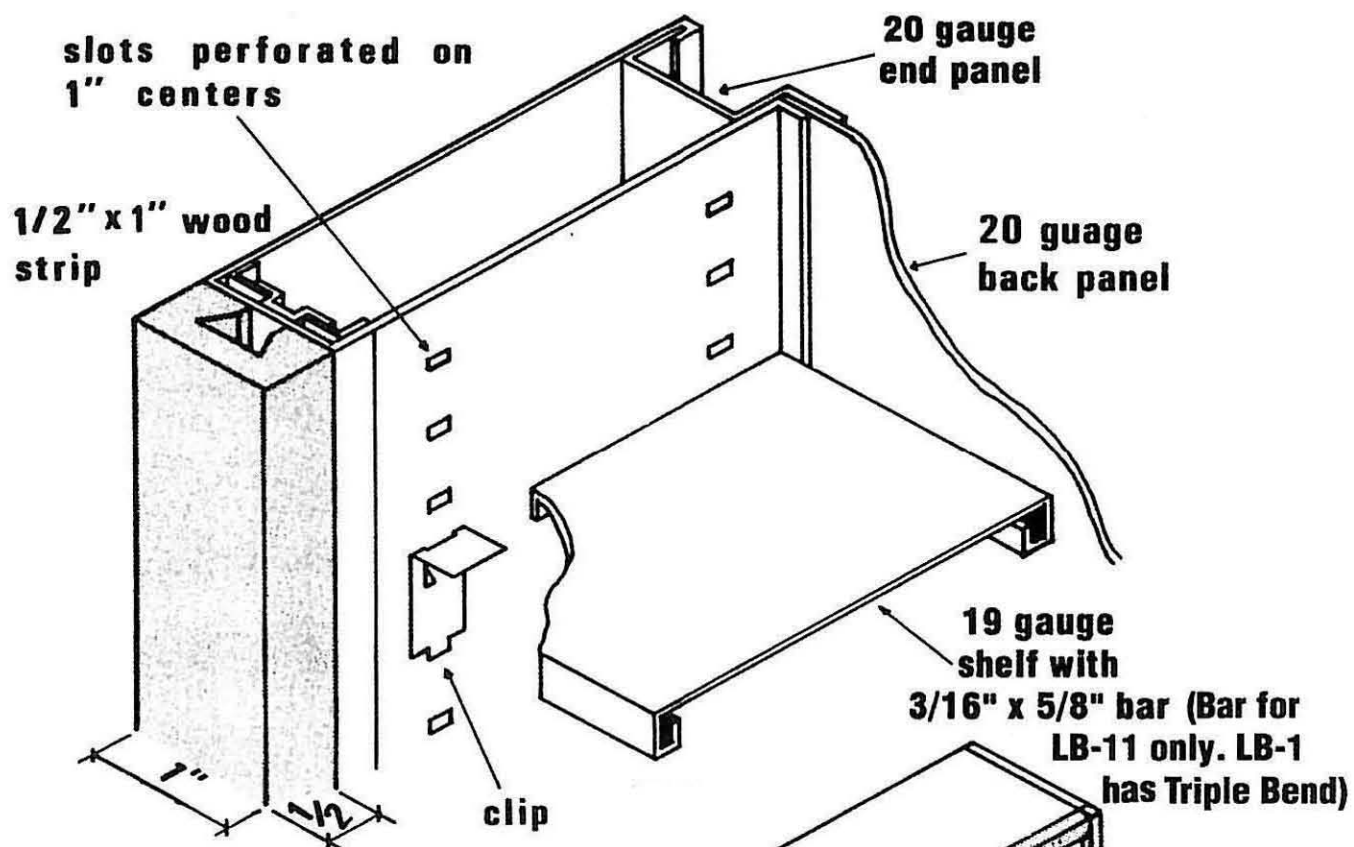
19 gauge
shelf with
3/16" x 5/8" bar (Bar for
LB-11 only. LB-1
has Triple Bend)

clip

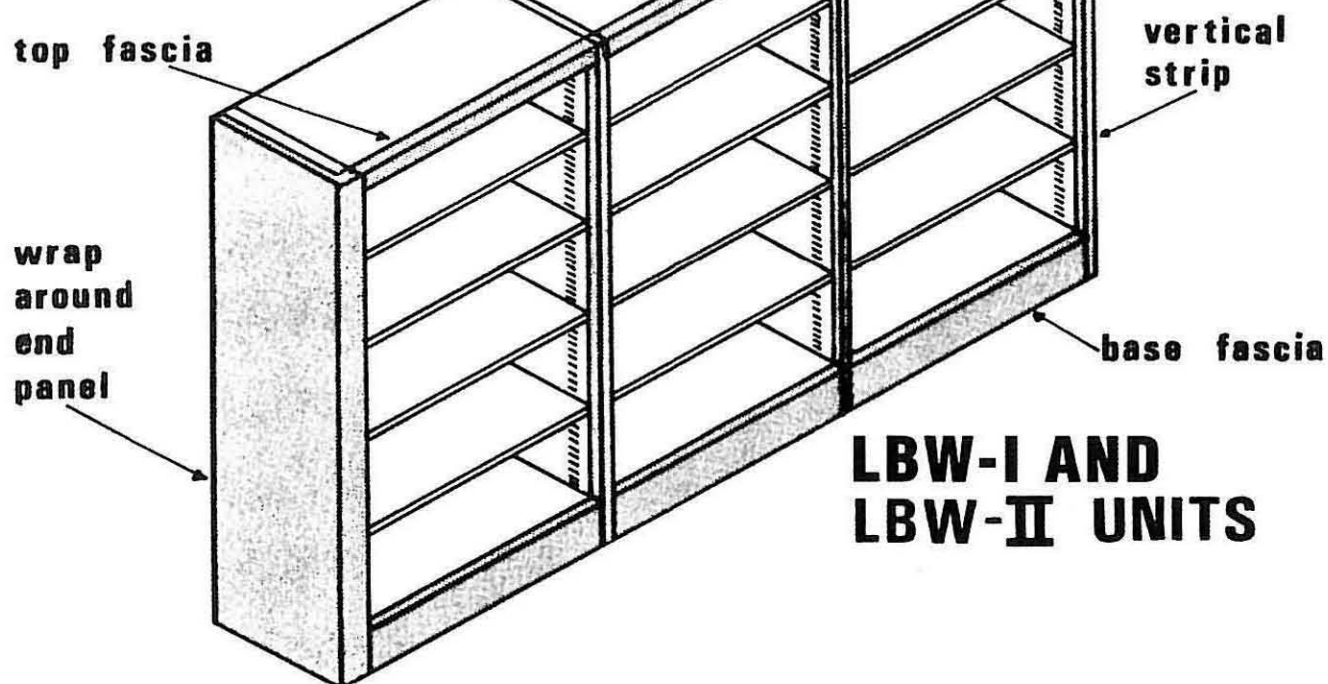
END PANEL DETAIL

LB-I AND
LB-II UNITS



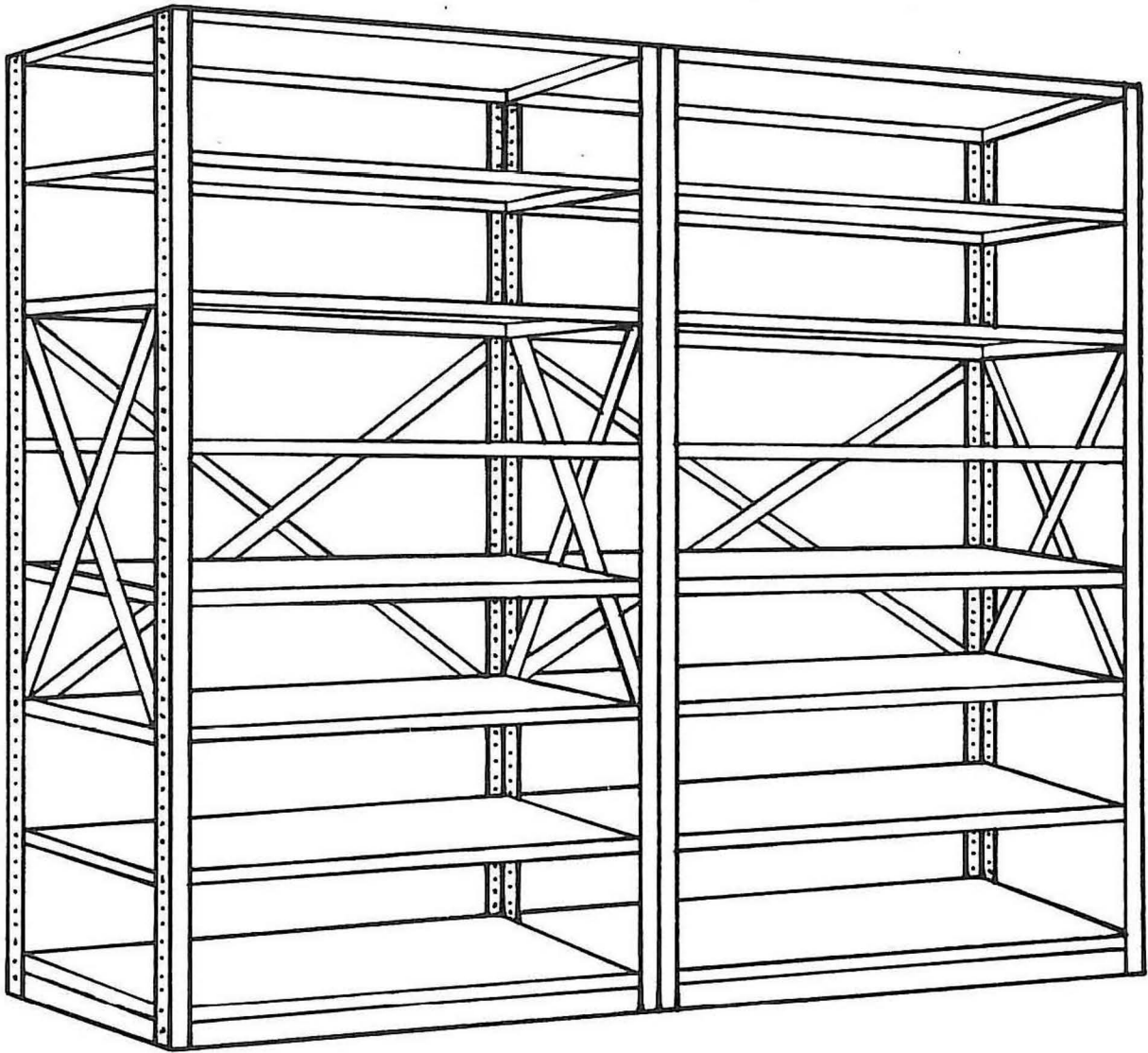


END PANEL DETAIL





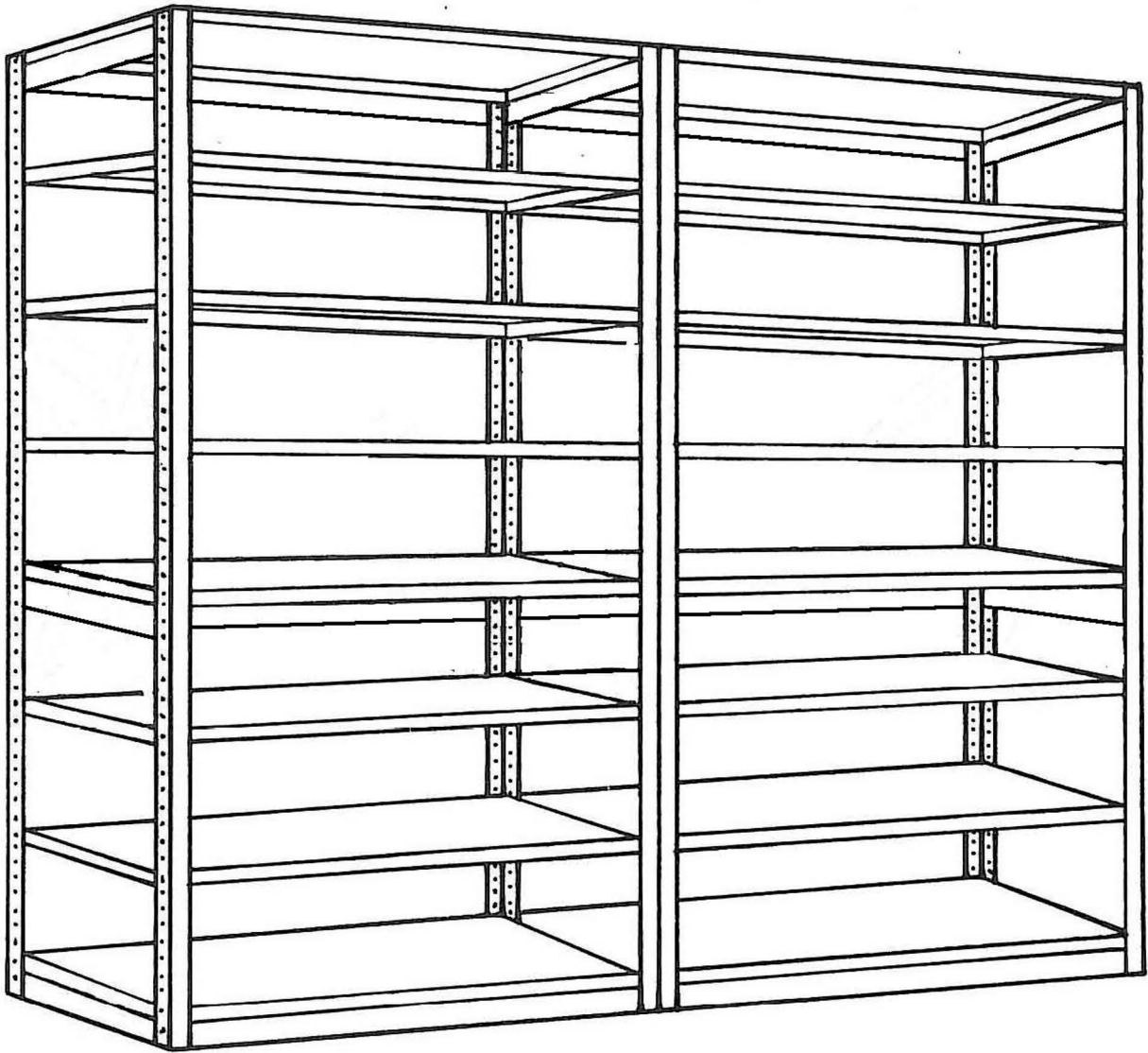
LBS
LIBRARY
BUREAU
STEEL



CLIP TYPE SHELVING

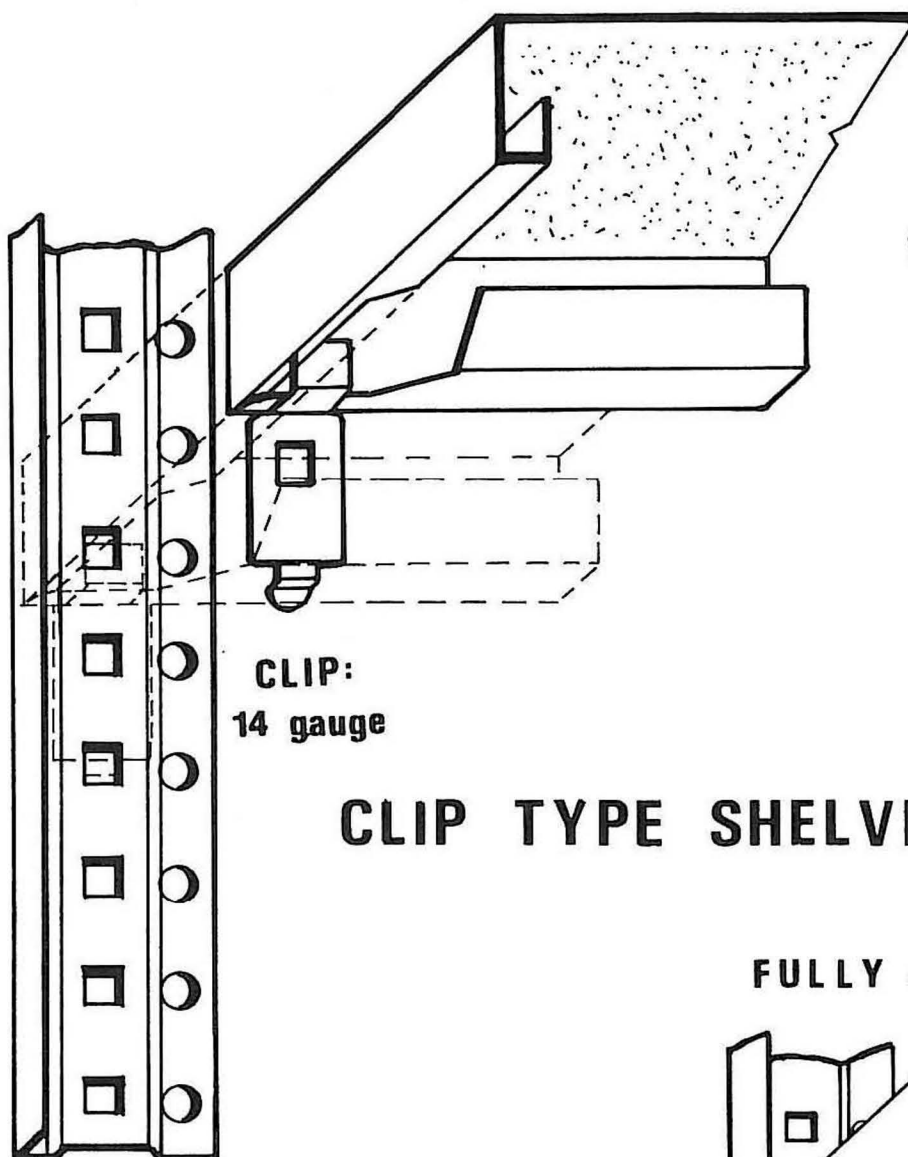
OPEN TYPE SHELVING WITH SWAY BRACES





CLIP TYPE SHELVING

OPEN TYPE SHELVING WITH STRUT BRACES



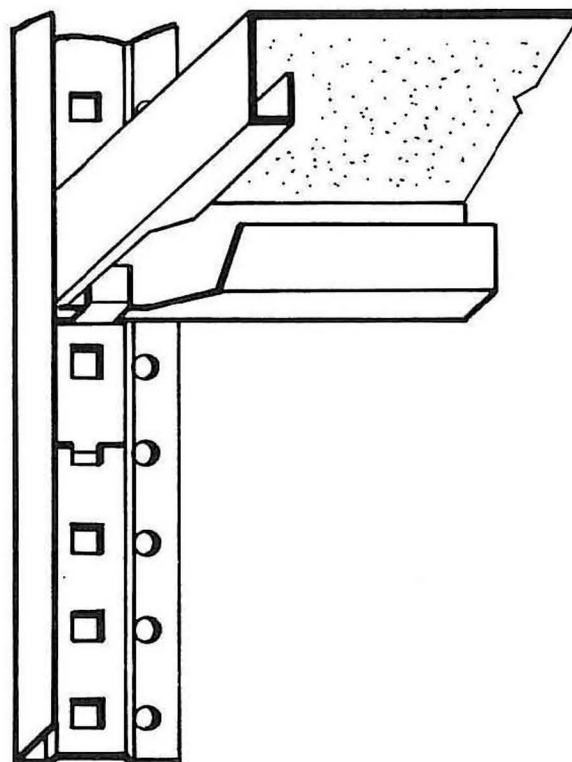
SHELF:
fabricated from
19 gauge, with
triple bend on all
four sides

CLIP:
14 gauge

CLIP TYPE SHELVING DETAIL

UPRIGHT:
14 gauge

FULLY ASSEMBLED VIEW



SPECIFICATIONS FOR HEAVY DUTY BOLT AND NUT TYPE STEEL SHELVING UNITS

ANGLE UPRIGHTS ARE TO BE HOT ROLLED STEEL ANGLES WHICH ARE PUNCHED ON 1" CENTERS FOR THE ADJUSTMENT OF SHELVES. THE THICKNESS OF THE ANGLE UPRIGHT IS $\frac{1}{8}$ ". AVAILABLE IN HEIGHTS OF 39", 51", 75", 87", 99", 111" AND 123".

SHELVES SHALL BE FABRICATED FROM 19 GAUGE COLD ROLLED STEEL WITH ALL FOUR SIDES HAVING TRIPLE BENDS. THE FRONT FACE WILL BE $1\frac{1}{4}$ " WITH A $\frac{1}{2}$ " BEND INWARD AND A $\frac{1}{2}$ " BEND UPWARD.

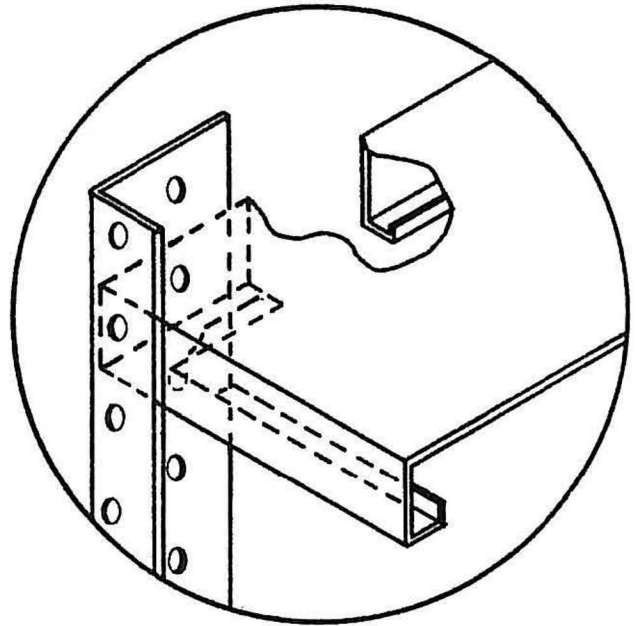
BASE PLATES ARE FORMED FROM 19 GAUGE COLD ROLLED STEEL, $1\frac{7}{8}$ " HIGH, FOR A NORMAL 3" HEIGHT ABOVE THE FLOOR, WHICH INCLUDES THE HEIGHT OF THE BOTTOM SHELF.

BACK AND SIDE PANELS WILL BE FABRICATED FROM 20 GAUGE COLD ROLLED STEEL AND WILL BE OF ONE (1) PIECE FULL HEIGHT CONSTRUCTION.

SWAY BRACES SHALL BE FABRICATED FROM 12 GAUGE STEEL WITH HOLES AT EACH END FOR THE ATTACHMENT TO UPRIGHTS.

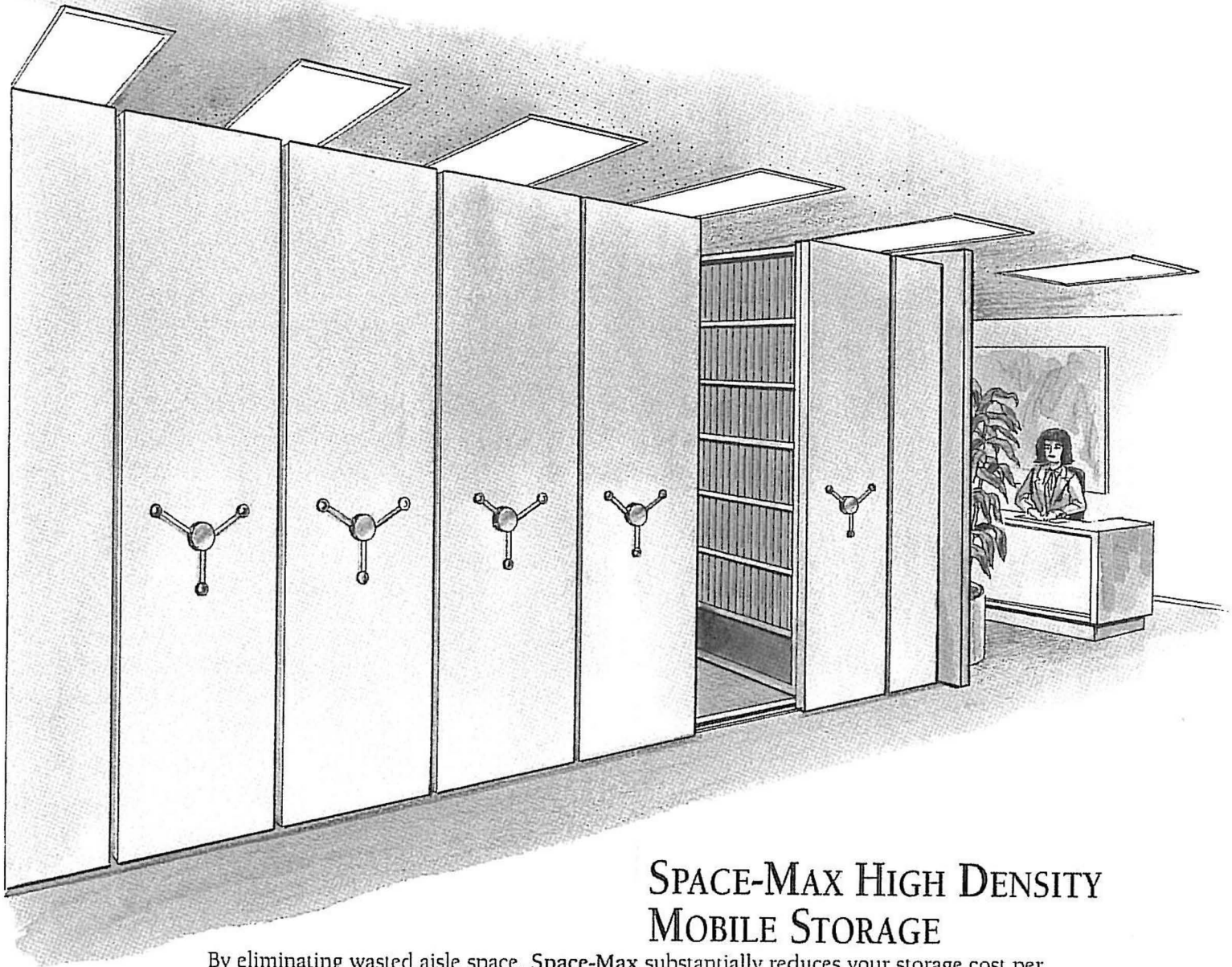
PAN REINFORCEMENTS FOR EXTRA HEAVY LOADS WILL BE FORMED FROM 20 GAUGE COLD ROLLED STEEL. SHELVES OVER 24" IN DEPTH SHALL HAVE 2 PAN REINFORCEMENTS AND SHALL BE ELECTRICALLY SPOT-WELDED TO THE UNDERSIDE OF THE SHELF.

FINISH IS A TECHNOLOGICALLY ADVANCED, ENVIRONMENTALLY SAFE THERMOSETTING POWDER COATING PROCESS THAT PRODUCES FINISHES OF OUTSTANDING BEAUTY AND DURABILITY. THIS IS AN ENVIRONMENTALLY FRIENDLY PROCESS.



SPACE-MAX II - HIGH DENSITY CARRIAGE SYSTEMS ENGINEERED FOR ALL TYPES OF SHELVING

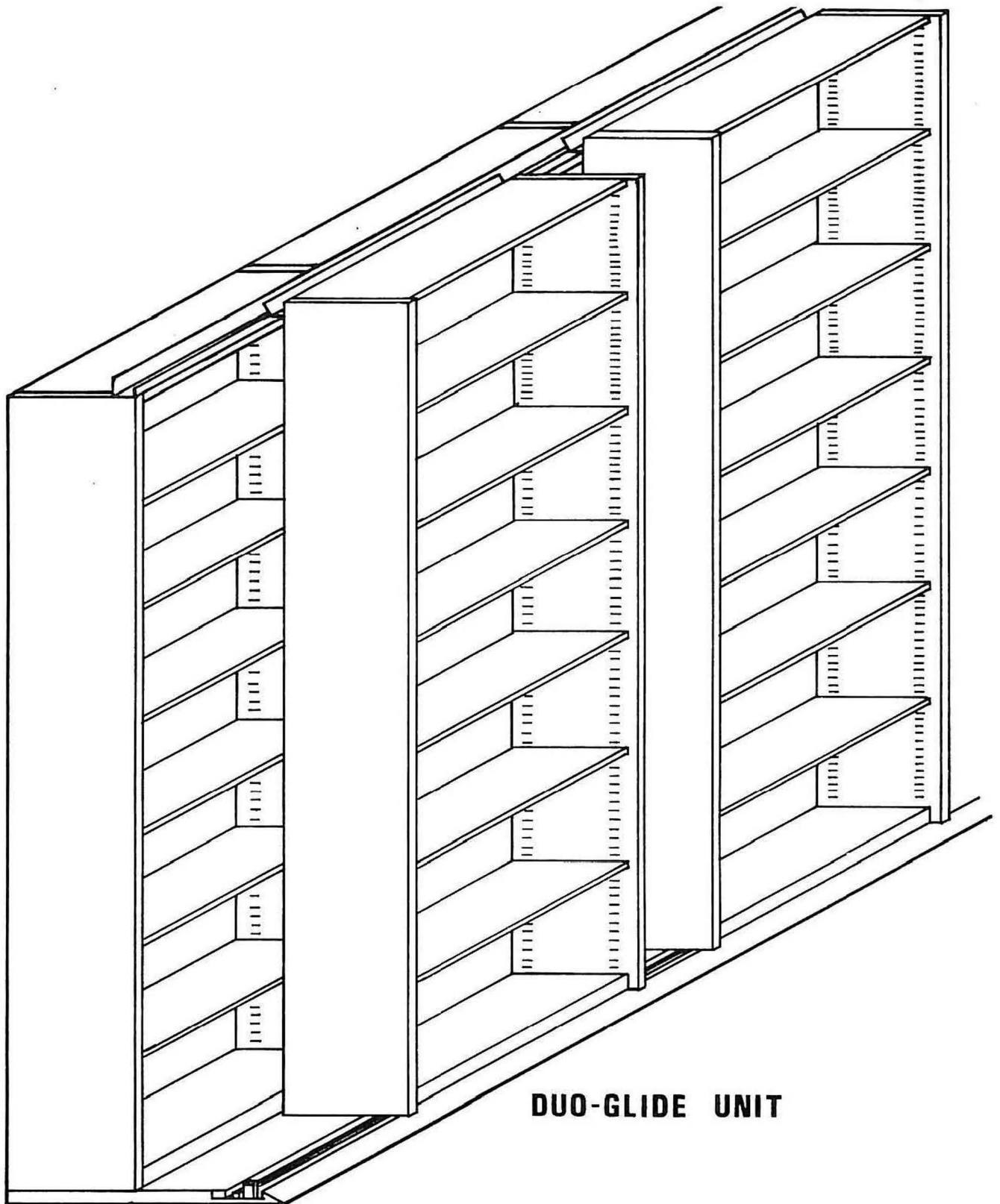
Contact Factory Estimators for Details:



SPACE-MAX HIGH DENSITY MOBILE STORAGE

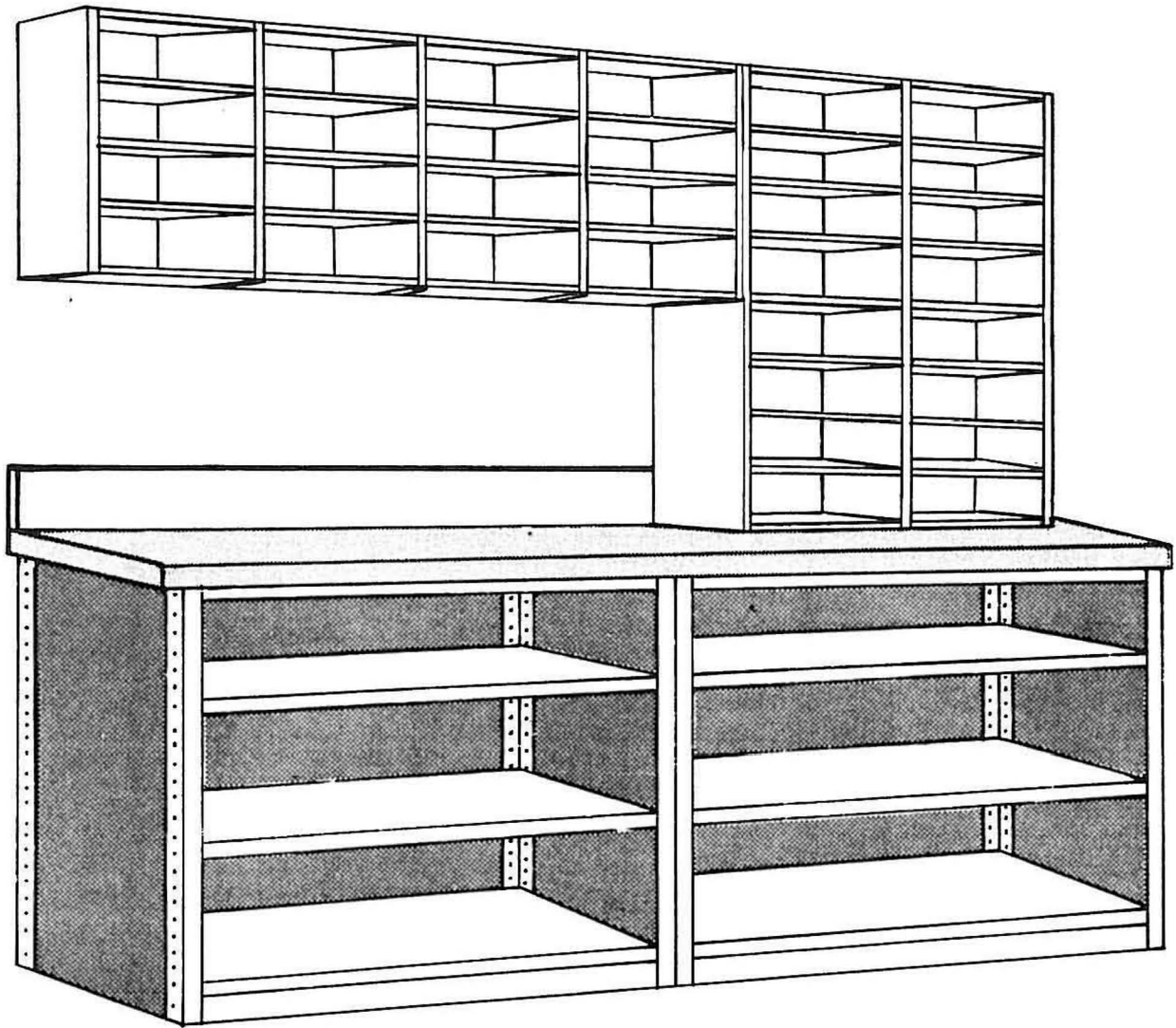
By eliminating wasted aisle space, Space-Max substantially reduces your storage cost per square foot. You can either double the storage capacity of your existing space, or meet your existing storage requirements utilizing only half the amount of floor space. All components are manufactured to IRONBOUND's high standards of craftsmanship and employ only the highest quality materials.

- Wheel bearings are pre-lubricated, self-aligning and sealed.
- Large hexagonal track designed to carry heavy loads without distortion.
- 5" diameter, precision machined wheels on solid 1" axles allow for smooth, effortless movement.
- 11 gauge welded steel carriages provide maximum load capacity and range rigidity.
- Operator actuated safety system is standard. An automatic passive system is available as an option.
- Anti-tip system is standard with all systems.
- Modularity for easy expansion, reconfiguration or relocation.

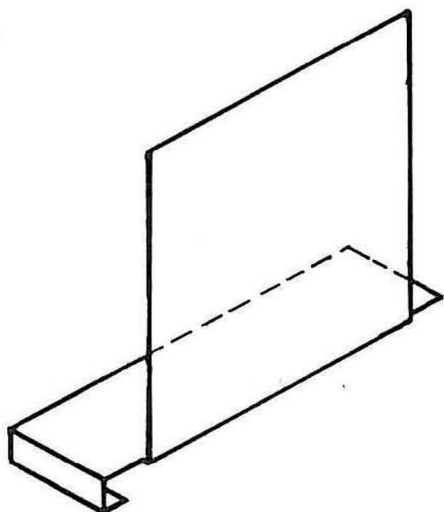


DUO-GLIDE UNIT

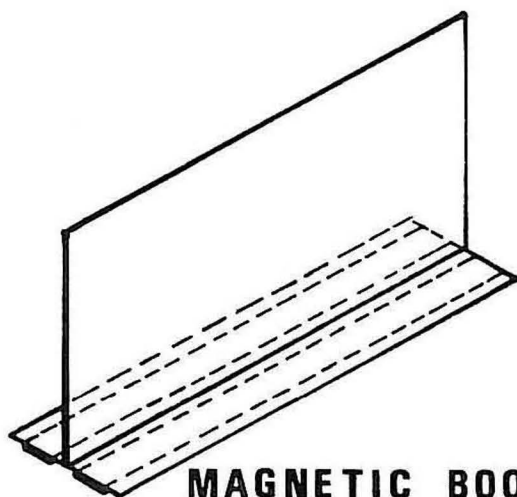
DUO - TRI GLIDE SYSTEM



CUSTOM MAIL SORTER UNITS
WITH BELOW COUNTER UNITS



CLIP ON BOOK SUPPORT



MAGNETIC BOOK SUPPORT

MAGAZINE HOLDER

