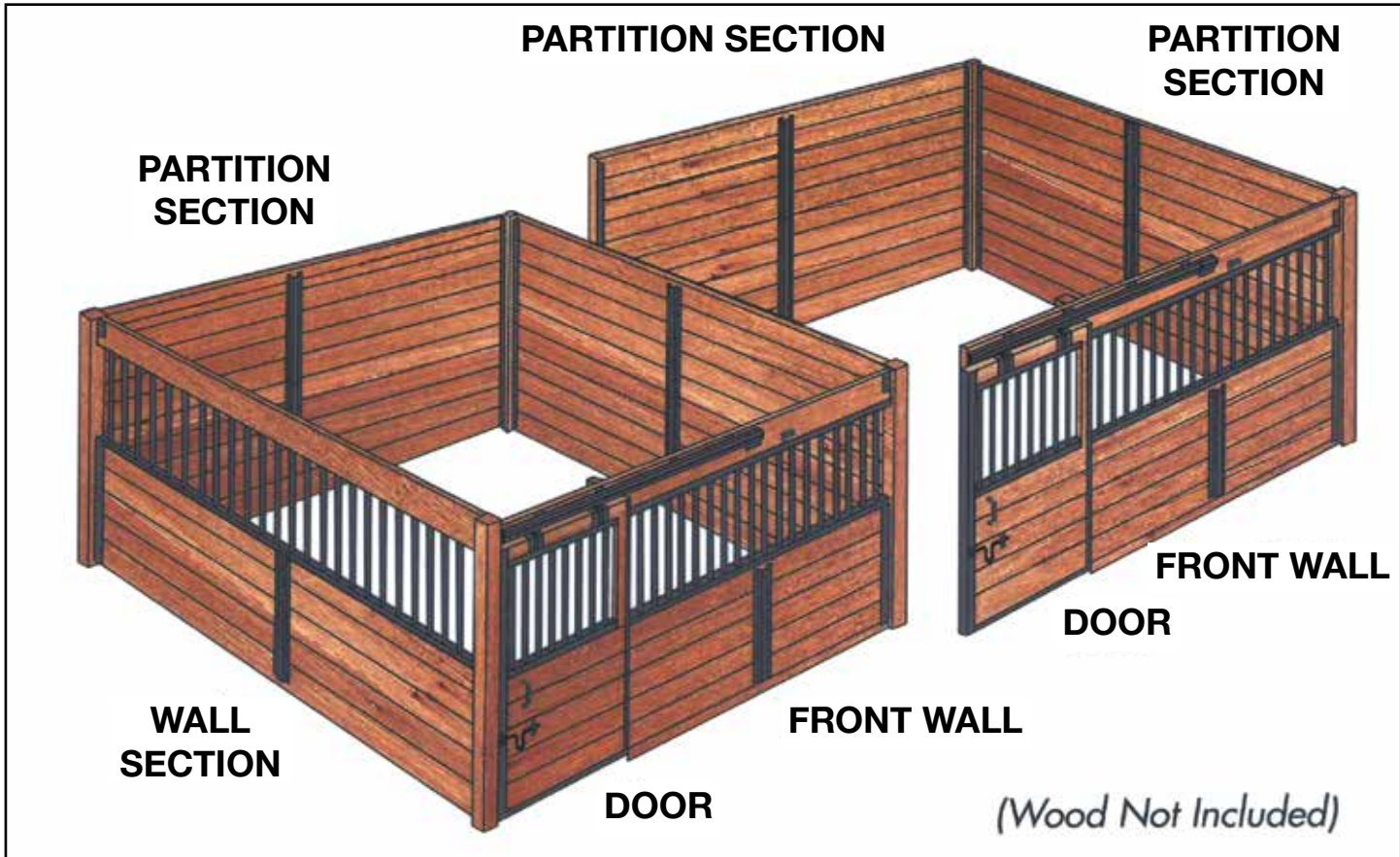


LET MIDWEST HELP YOU CUSTOM BUILD YOUR OWN STABLE SYSTEM WITH THESE WALL SECTIONS.



LUMBER REQUIREMENTS

The first step in building your stall is to decide on finished dimensions, which determines the lengths of lumber required. The following specifications cover the lumber requirements for each wall model. Lumber listed is for 12' wide walls. Should your needs be different, just change the lumber lengths accordingly. Treated lumber is recommended if using 2x6x12'. Lumber from front wall can be used for door bottom rather than plywood.

FRONT WALL WITH GRILLWORK AND DOOR:

- 1 pc. ¾" × 48" × 96" plywood (smooth 1 side) or (9) 2x6 × 48" composite or wall boards - for bottom half of sliding door.
- 1 pc. 2x6 × 48" door header board
- 9 pcs. 2x6 × 96" wall boards
- 1 pc. 2x12 × 144" track board
- 2 pcs. 2x2 × 36" door channel filler

Front Wall System

Door dimensions are 48" wide, 86" high. Overhead clearance must be at least 94½" to accommodate the door, trolley, and track. System comes complete with the following:

Grillwork sections:

- 10' front includes 1 - 24" & 1 - 48"
- 12' front includes 2 - 48"

- 2 End channels
- 4 Header channels
- 1 Wall Brace Assembly Screws

Side Wall System

System comes complete with the following:

Grillwork sections:

- 10' sidewall includes 2 - 48" & 1 - 24"
- 12' sidewall includes 3 - 48"

- 2 End channels
- 2 Header channels
- 1 Wall Brace Assembly Screws

Partition or Rear Wall System

System comes complete with the following:

- 4 End channels
- 2 Wall Brace Assembly Screws

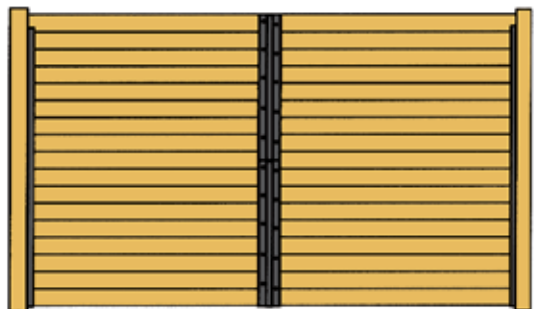
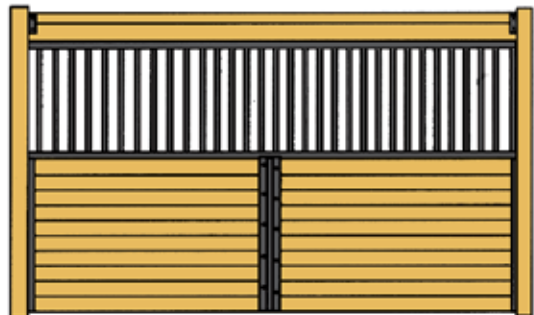
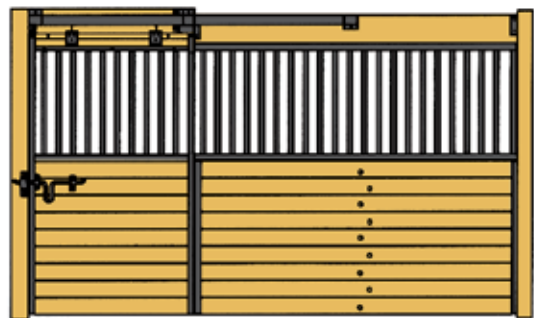
SOLID FRONT WALL WITH DOOR:

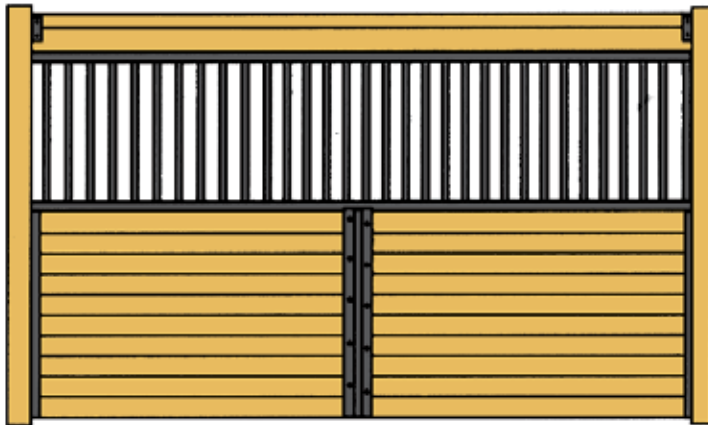
- 1 pc. ¾" × 48" × 96" plywood (smooth 1 side) or (9) 2x6 × 48" composite or wall boards - for bottom half of sliding door.
- 1 pc. 2x6 × 48" door header board
- 9 pcs. 2x6 × 96" wall boards
- 1 pc. 2x12 × 144" track board
- 2 pcs. 2x2 × 36" door channel filler
- 11 pcs. 2x6 × 144" wall boards

SOLID SIDE WALL:

- 17 pcs. 2x6 × 144" wall boards

Typical corner posts are standard 4x4 lumber. Five (5) posts are required for the first stall and three (3) additional posts for each stall thereafter, when constructed side-by-side. Note: All 4x4 posts should be 8' in length above the ground. Longer posts are required if they are to be anchored in the ground.





HORSE STALL WALL SECTION

System comes complete with the following:

- | | |
|--------------------------|---------------------|
| 10' front | 12' front |
| Grillwork Section | Grillwork Section |
| Includes 2-48" & 1-24" | Includes 3-48" |
| 2 - End Channels | 2 - End Channels |
| 2 - Header Channels | 2 - Header Channels |
| 1 - Wall Brace | 1 - Wall Brace |
| - All Fasteners Required | |

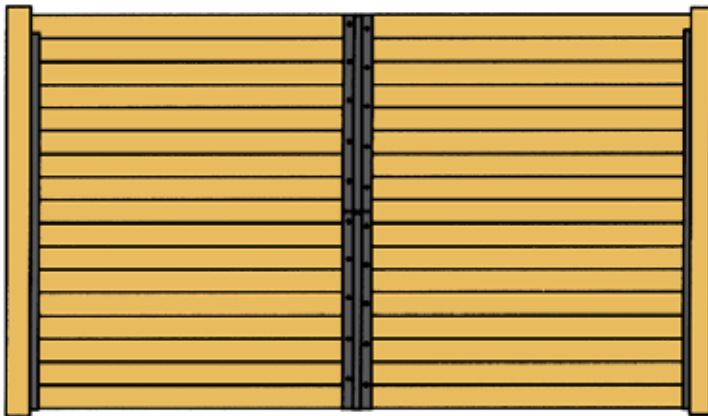
Grillwork 4" on center.

Note: Extra poles may be required depending on stall layout and existing pole spacing.

- 10' Black Powder 73 lbs. 156-7940**
12' Black Powder 85 lbs. 156-7966

Additional Materials Required:

10' Wall	12' Wall
(11) 2"x6"-10'	(11) 2"x6"-12'



HORSE STALL PARTITION SECTION

System comes complete with the following:

- 4 - End Channels
- 2 - Wall Braces
- All Fasteners Required

Note: Extra poles may be required depending on stall layout and existing pole spacing.

- Black Powder 24 lbs. 156-7995**

Additional Materials Required:

10' Wall	12' Wall
(17) 2"x6"-10'	(17) 2"x6"-12'



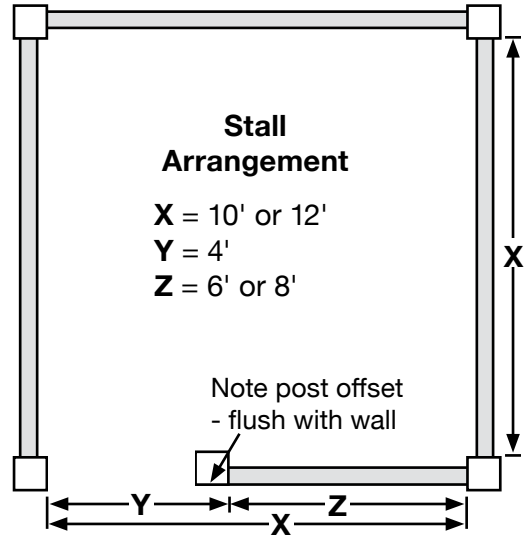
Post Installation

After making your lumber list, the next step is to layout the stall. Install all corner posts with 8' of length above ground and lateral dimensions at 10' or 12' between posts, depending on the width of the walls you have selected. Be sure they're all plumb, level and true.

Next, install the center door post wall with a 4' dimension (on centers) from the corner post on the side that you want the door (see Stall Arrangement drawing).

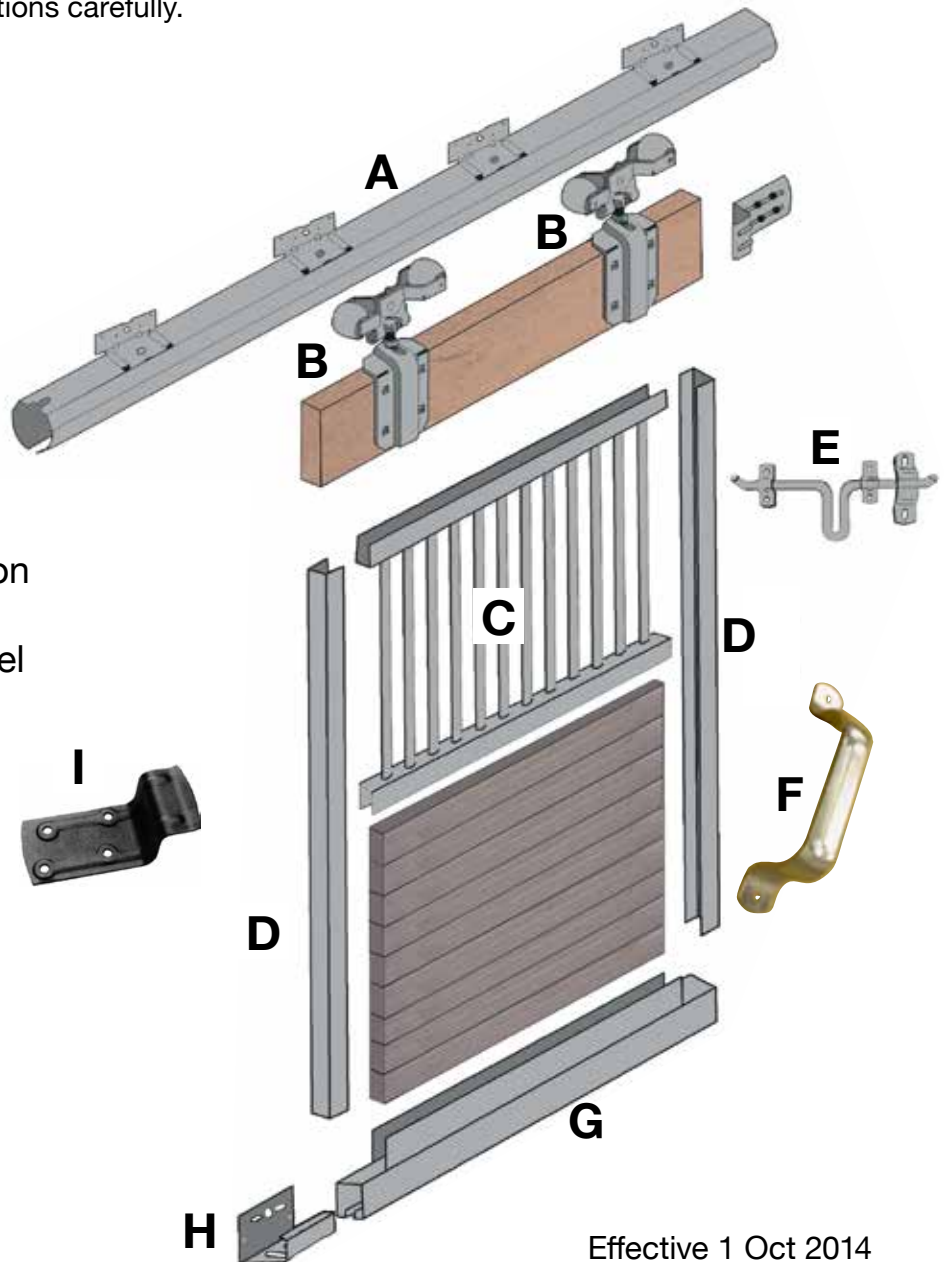
Take note of the 1½" offset of the center post, which is necessary so that the sliding door can open past the post. The front wall and center post must all be flush.

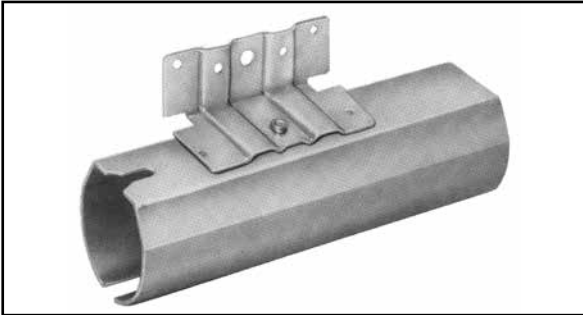
With all posts in place, you are now ready to install the walls you've selected. Unpack each carton as you're ready for installation and account for all parts on the packing list. Review the assembly drawings to familiarize yourself with parts placement and read all instructions carefully.



Door Kit

- A. 1 8' #3B Round Track
- B. 1 pair 203-L Trolley Hangers
- C. 1 45"×36" Welded Grille Section
- D. 86" Lumber Fit Vertical Channel
- E. #630 Sliding Latch
- F. 50-3 Door Pull
- G. 1 4' #61 Bottom Guide
- H. #401 Bottom Guide Retainer
- I. #540 Door Stop





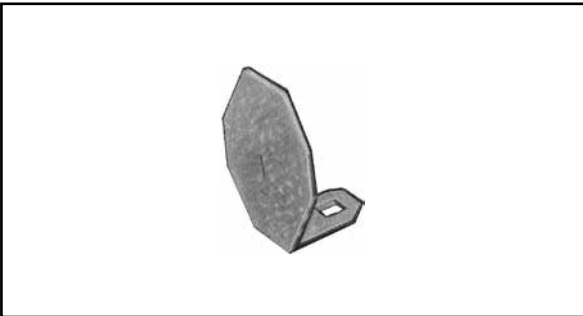
**8' SIDEMOUNT
ROUND TRACK**

Black Powder 16 lbs.....156-8046



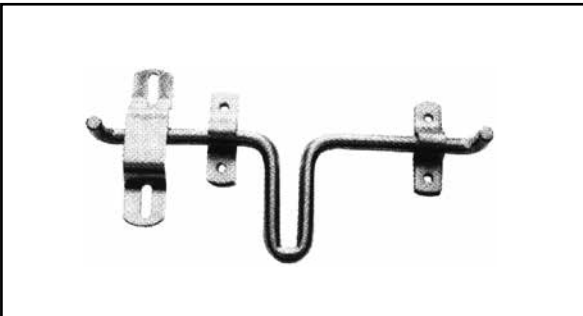
**STRAP TROLLEY HANGER
ROUND TRACK**

Black Powder 4 lbs.....156-8062



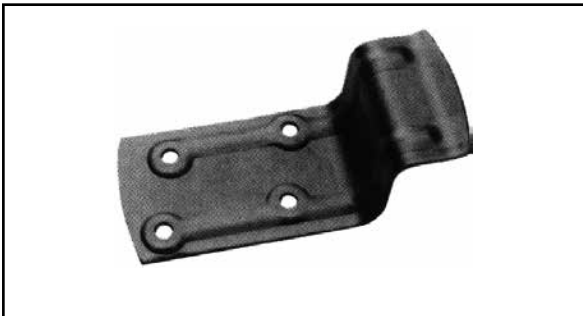
TRACK END PLUGS

Black Powder 1 lb.156-8059



SLIDING BOLT LATCH

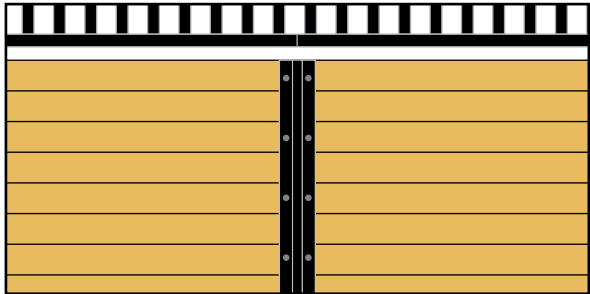
Black Powder 2 lbs.....156-8075



DOOR STOP

Black Powder 2 lbs.....156-8088

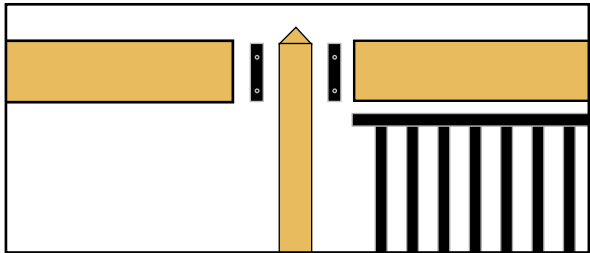
Additional hardware and accessories are available.
Visit menards.com



HORSE STALL WALL BRACE

Adds extra strength by joining boards together to form a solid wall.
 Top-formed to eliminate sharp edge.
 Fasteners included. 45" length.

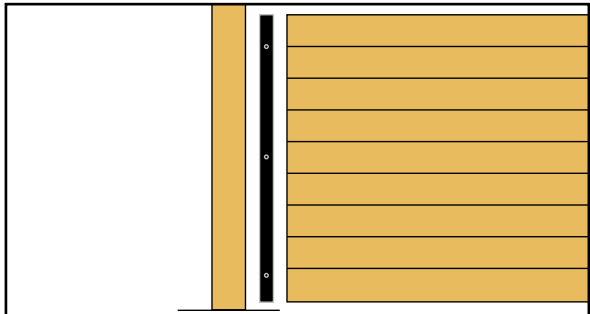
Black Powder 5 lbs..... 156-8156



HEADER CHANNEL

Used above the grill. Fasteners included.
 Connects wood header to support post.
 Accepts 1½" Material 6" length.

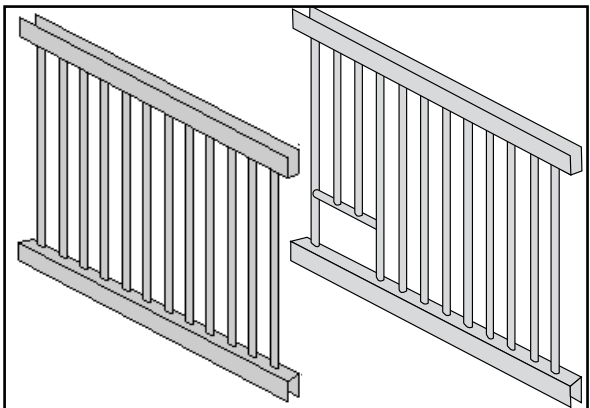
Black Powder 1 lb. 156-8172



END CHANNEL

Provides rapid assembly of wall
 Fasteners included
 Accepts 1½" Material
 45" length.

Black Powder 4 lbs..... 156-8198



GRILLWORK/FEED CHUTE

Top & Bottom U Channels Designed for 1½" Material Pre Assembled, Welded Joints
 34" high bars, 36" overall 24" or 48" wide panels.
 Feeder chute 9"x9", available in 48" only

24"x36" Black Powder 15 lbs. 156-8101
 48"x36" Black Powder 26 lbs..... 156-8127
 Feeder 48"x36" Black Powder 26 lbs. ...156-8200



DROP DOWN DOOR GRILLE

Features 1" round 14 gauge tubing welded 3½" on center, in 14 gauge channels that are lumber fit for 2.6 or 2x8 standard lumber. Available in a 45"x36" section, with a 23"x35" opening and is black powder coated. This option can be inserted in place of the standard 45" door grill.

Black Powder drop down grille 156-8201

Front Wall System Assembly

Step 1. Install end channels (part 1) on the corner posts and center post. End channels should be centered on the inside surface of the corner posts and flush with the front surface of the center post, as shown in the Assembly Drawing. All channels should be placed 1½" above the floor surface and anchored to the posts with 3" screws supplied.

For solid wood walls, fasten 2 end channels to each post, one directly above the other.

For walls with grills, fasten only 1 end channel at the bottom of each post.

Step 2. You are now ready to install the wall lumber. Slide the first board down to the bottom of the end channels with ½" remaining above the floor. This helps to keep the lumber dry. After the bottom board is located and leveled, anchor it in place with the 1¼" screws supplied. Rubbing soap on the inside surfaces of the end channels will provide lubrication for easier assembly.

For solid wood walls, continue installing all remaining wall boards and secure in place with the 1¼" screws supplied. Complete installation by adding two wall supports vertically, one above the other, and center laterally on the inside wall. Secure with the 1¼" screws supplied.

For grillwork walls, continue installing wall boards. Board should protrude 1" above top lower end channels. Note: It may be necessary to rip one of the 2x6 boards for proper wall height. Finally, install one wall support (part 3) below the grillwork.

Step 3. Using the 3" screws supplied, install two 6" header channels (part 2), one on the corner post and one on the center post above the top of the front wall board.

Step 4. The grillwork bars are welded in the channels at the factory. To assemble, place the Grillwork Assembly over the wall boards and press down until the bars come into contact with the lumber.

Step 5. Slip the header board (2x12) into the header channels installed in step 3, and slide down until it rests firmly on top of the bars installed in step 4.

Step 6. At this point, the remaining 1¼" screws should be installed in the header channels and the upper and lower bar.

Step 7. Using the screws furnished, install the wall supports vertically and centered laterally on the inside of the wall. A solid wood wall requires 2 braces, one directly above the other, while a grillwork wall needs only one brace below the grillwork.



Front View

ASSEMBLY DRAWING
Components are available in black powder-coat finish

Western Stall Kits may be used in a wide range of fabrication techniques. This is just one example of how to build a front wall. Due to variations in lumber, measurements must be calculated in the field.



Side Wall System Assembly

Step 1. Install end channels (part 1) centered on the inside surface of the corner posts as shown in the Assembly Drawing. All channels should be placed 1½" above the floor surface and anchored to the posts with 3" screws supplied.

For solid wood walls, fasten two (2) end channels to each post, one directly above the other.

For walls with grills, fasten only one (1) end channel at the bottom of each post.

Step 2. You are now ready to install the wall lumber. Slide the first board down to the bottom of the end channels so that it remains 1½" above the floor. This aids in keeping the lumber dry. After the bottom board is located and leveled, anchor it in place with the 1¼" truss-head screws supplied. Note: Rubbing soap on the inside surfaces of the end channels will provide lubrication for easier assembly.

For solid wood walls, continue installing all remaining wall boards and secure in place with the 1¼" screws supplied. Complete installation by adding two wall supports (part 3) vertically, one above the other, centered laterally on the inside of the wall. Secure with the 1¼" screws supplied.

For grillwork walls, continue installing wall boards

up to 1" above the lower end channel. Note: It may be necessary to rip one of the 2x6 boards for proper wall height. Finally, install one wall support (part 3) below the grillwork.

Installing Grillwork in Side Walls

Step 3. Using the 3" screws supplied, install one (1) header channel (part 2), on each corner post 37" above the end channels installed in step 1. The 37" dimension is from the top of the sidewall board to the bottom of the header channels.

Step 4. The grillwork bars are welded in the channels at the factory. To assemble, place the Grillwork Assembly over the wall boards and press down until the bars come into contact with the lumber.

Step 5. Slip the header boards into the header channels installed in step 3, and slide down until they butt on top of the bars installed in step 4.

Step 6. At this point, the remaining 1¼" screws should be installed in the header channels and the upper and lower bar.

Step 7. Using the screws furnished, install the wall supports (part 3) vertically and centered laterally on the inside of the wall. A solid wood wall requires two (2) braces, one directly above the other, while a grillwork wall needs only one brace below the grillwork.

