STEEL PLATE FLOOR (OPTION 1 - PORTABLE)

Note: For portable options 1 & 2, anchor top to building or post to prevent tip-over.

MATERIALS LIST (PIPE SIZES ARE OUTSIDE DIAMETER)

1 FRAME
- 6 pieces 3" pipe, sch 40 black iron 94" (120° when embedded in wall)
- 2 pieces 3" pipe, sch 40 black iron 72 1/2"

2 END DOORS (2)
- 4 pieces 2" pipe, sch 40 black iron 3' 1/2"
- 4 pieces 2" pipe, sch 40 black iron 32"
- 2 pieces x 1 1/2" channel, mild steel channel 42"

3 HINGES (6)
- 20 pieces 3/4" x 1 1/2" x 1/4" mild steel
- 8 pieces 3/4" x 2" machine bolt with nut

4 BOTTOM (FOR OPTION 1)
- 1 piece 35" x 75" x 3/4" steel plate
- 1 piece 30" x 75" x 1/2" rubber mat

5 END LATCH (2)
- 2 pieces latch plate, mild steel 3/8" x 4 3/4" x 5"
- 2 pieces latch bar, mild steel 3/8" x 1 1/8" x 8"
- 2 pieces handle, 1/2" round bar mild steel
- 2 pieces bearing plate, mild steel 3/4" x 1 1/2" x 3"
- 2 pieces latch stop, 3/4" x 1 1/2" x 1"
- 2 pieces pivot bolt, 7/8" x 1" radius
- 2 pieces spring, 5" x 1/2"

6 SIDE DOOR (2)
- 4 pieces 2" pipe, sch 40 black iron 68 1/2"
- 4 pieces 2" pipe, sch 40 black iron 40"
- 4 pieces 2" 1/16" channel, mild steel 42"

7 SIDE LATCH (4)
- 4 pieces catch, 1/2" round bar mild steel 3 1/2"
- 4 pieces latch bar, mild steel 3/8" x 1 1/2"
- 4 pieces latch bearing, steel pipe 1/2" x 4"

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HORSE RESTRING STALL

PA '85 6375 SHEET 1 OF 2