1 1/2" x 1 1/2" x 3/16" ANGLES 2 REQ.

1/4" x 1 3/4" steel bar to be continuous welded to the diamond plate on the inside edge of the bar with 3/16" fillet weld joints on bar to be open square butt joints welded both sides and ground smooth on the outside.

3/16" thick checkered steel plate

PLAN
SCALE: 1" = 6"

11 3/8" 30 1/2" 8 7/16" 11 3/8"
continuous weld
continuous weld
1/8" 9 1/2" 10 3/4" 10 3/4" 1/8"

SECTION "B-B"
SCALE: 1" = 6"

DETAIL "A"
SCALE: 1" = 1"

WELD 3/8" DIA. ROD TO LID

3/8" 3/16" 3/8" 3/16" 3/8" 3/8"
3/16" DIA. ROD

1 1/2"
1 1/2" 2"
WELD 3/16" X 1" BAR STOCK. BENT AS SHOWN
CUT 1 1/2" X 1 1/2" X 3/16" ANGLE AS SHOWN, BOTH SIDES

NOTES:

1. FOLLOWING FABRICATION THE ENTIRE UNIT SHALL BE THOROUGHLY CLEANED AND HOT-DIP GALVANIZED.

2. SUPPLIER SHALL MARK HIS NAME AND THE YEAR OF MANUFACTURE PERMANENTLY ON THE BOTTOM SIDE OF EACH COVER.