Seeds of Hope Farm
Galvanized Steel Raised Bed Design:

Materials needed:
2 sheets 8' x 25.75 in, 31 ga. Corrugated steel
10 2x4s (8ft long)
1 2x2 (8ft long)
1" self-tapping Sheet metal screws
2¾" deck screws

1. Cut the 8' 2x4s down into the following dimensions.
   4 pieces @ 60"
   4 pieces @ 39"
   6 pieces @ 28.5"
   6 pieces @ 21"
   2 pieces @ 36"

   This can be done with minimal waste by cutting:
   (3x) 2x4s into one 39" piece and two 28.5" pieces
   (2x) 2x4s into one 60" piece and one 36" piece
   (1x) 2x4 into one 39" piece and two 21.5" pieces
   (2x) 2x4s into one 60" piece and two 21.5" pieces
   (1x) 2x4 into 2 21" pieces

2. Cut the 2x2 into 4 pieces @ 21"

3. Please use work gloves at this point, as sheet metal can be very sharp.
   With a pencil or permanent marker, mark two lines the width of the piece on each piece of sheet metal at 59 and 61 inches. Use tin snips or aircraft shears to make a cut at the marks. The two-inch middle section is waste. Do this to both pieces of galvanized steel.
4. Stack each of the 21” pieces on top of the 28.5” pieces, lengthwise as shown and screw together with deck screws.

5. Make a center mark on each of the remaining 5’ 2x4s. Use one of the stacked pieces to span two of the full length 2x4s, screwing them together at the mark, forming an H. Use the remaining four stacked pieces at the open ends of the H. These end-pieces should extend beyond the ends of the 5 foot about 1-1/2” as in “Figure 4”.

6. Use two 39” pieces at the tops and bottoms of the H to tie the sides together. The ends of the 39” pieces will key into the 1-1/2” slot created at the end of the last step. Screw through the outside of the 28.5” piece into the end of the 39” piece and through the outside of the 39” piece into the end of the 5’ piece. Repeat this process on the other end.

7. Fit the sheet metal pieces into the wood frame on the inside leaving 1 ½” of the wood frame exposed at the top. And, use the sheet metal screws and a drill to fix the sheet metal pieces to the frame.

8. Place the 36” piece of lumber across the top of the planter in the middle, in the exposed 1 ½ inch. Screw it into the frame by angling screws from the outside. Do the same thing on the bottom of the box.