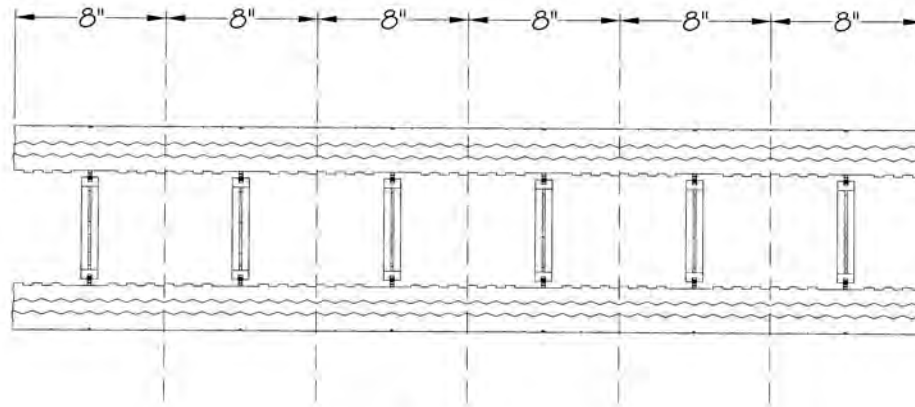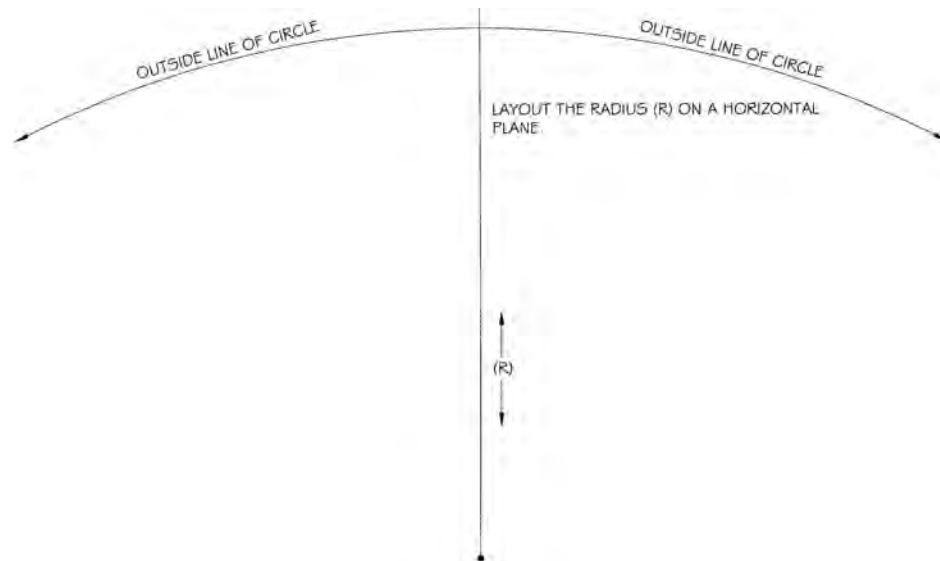## Radius Walls

To create a curved wall:

Step 1: Cut straight panels into 8" increments. When cutting, make sure you keep the web centered in the 8"

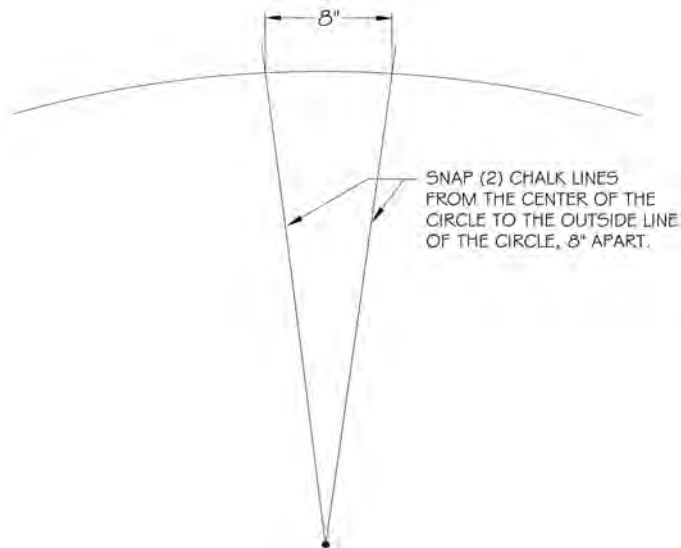CUT BLOCK IN 8" INCREMENTS
KEEPING THE WEB IN THE CENTER

Step 2: Mark the outside of the radius on the footing or slab.
If site conditions do not permit the radius to be marked on the footing or slab, any horizontal surface will do.
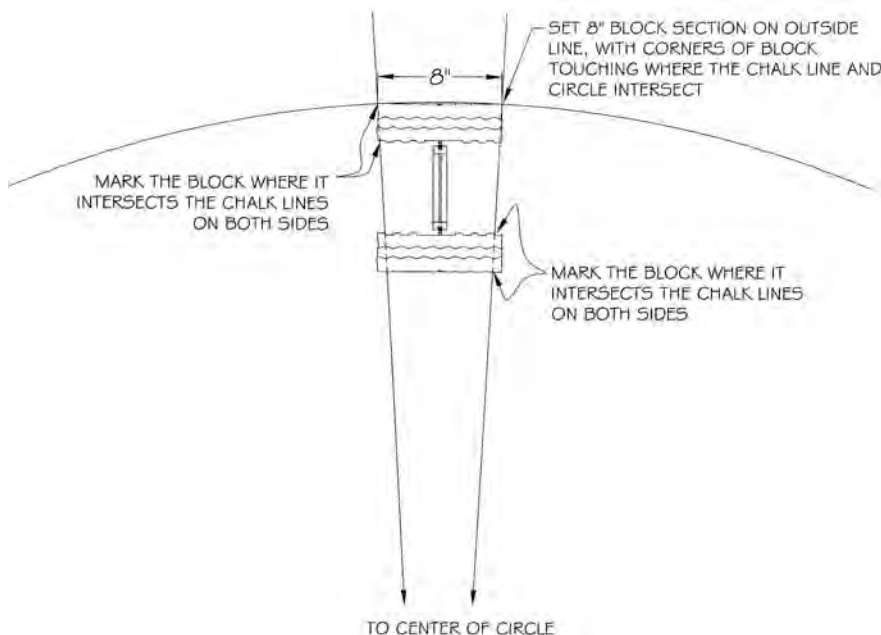

OUTSIDE LINE OF CIRCLE   OUTSIDE LINE OF CIRCLE

LAYOUT THE RADIUS (R) ON A HORIZONTAL PLANE.

(R)

Step 3: From the center of the circle, snap a chalk line extending beyond the mark for the outside of the radius.

Step 4: From the intersection of the two lines, measure 8" horizontally. From the center of the circle, snap another chalk line at the 8" mark.

8"

SNAP (2) CHALK LINES
FROM THE CENTER OF THE
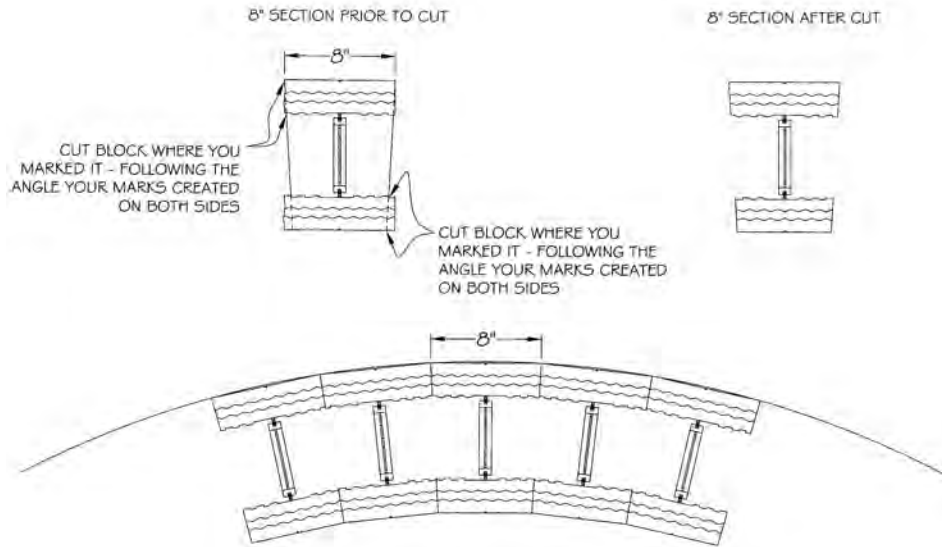CIRCLE TO THE OUTSIDE LINE
OF THE CIRCLE, 8" APART.

Step 5: Set (1) of the 8" block sections on the outside radius line. Make sure the outside corners of the block are at the intersection of the chalk lines and the radius line. Mark the block where it touches the chalk line.

SET 8" BLOCK SECTION ON OUTSIDE
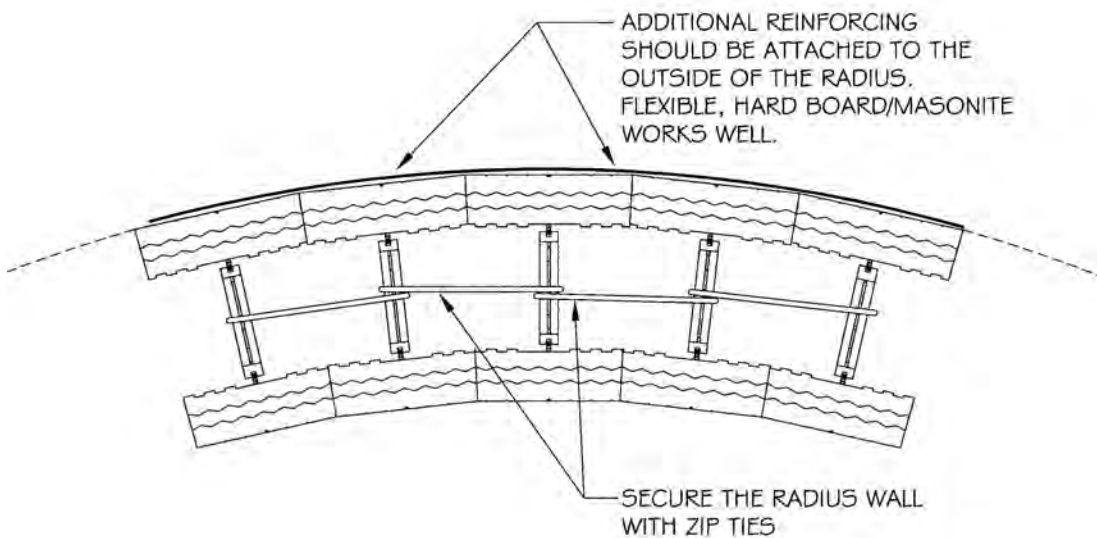LINE, WITH CORNERS OF BLOCK
TOUCHING WHERE THE CHALK LINE AND
CIRCLE INTERSECT

8"

MARK THE BLOCK WHERE IT
INTERSECTS THE CHALK LINES
ON BOTH SIDES

MARK THE BLOCK WHERE IT
INTERSECTS THE CHALK LINES
ON BOTH SIDES

TO CENTER OF CIRCLE

Step 6: Cut the block where you marked it, following the angle your marks
created.

8" SECTION PRIOR TO CUT

8" SECTION AFTER CUT

8"

CUT BLOCK WHERE YOU
MARKED IT - FOLLOWING THE
ANGLE YOUR MARKS CREATED
ON BOTH SIDES

CUT BLOCK WHERE YOU
MARKED IT - FOLLOWING THE
ANGLE YOUR MARKS CREATED
ON BOTH SIDES

8"

Step 7: Zip tie the blocks together. Additional reinforcing in the form of flexible,
hardboard / masonite should be attached to the outside of the wall.

ADDITIONAL REINFORCING
SHOULD BE ATTACHED TO THE
OUTSIDE OF THE RADIUS.
FLEXIBLE, HARD BOARD/MASONITE
WORKS WELL.

SECURE THE RADIUS WALL
WITH ZIP TIES

Note: Steps 5 and 6 will need to be repeated until the proper number of blocks have
been cut to complete the wall.
Stack the forms, aligning webs vertically