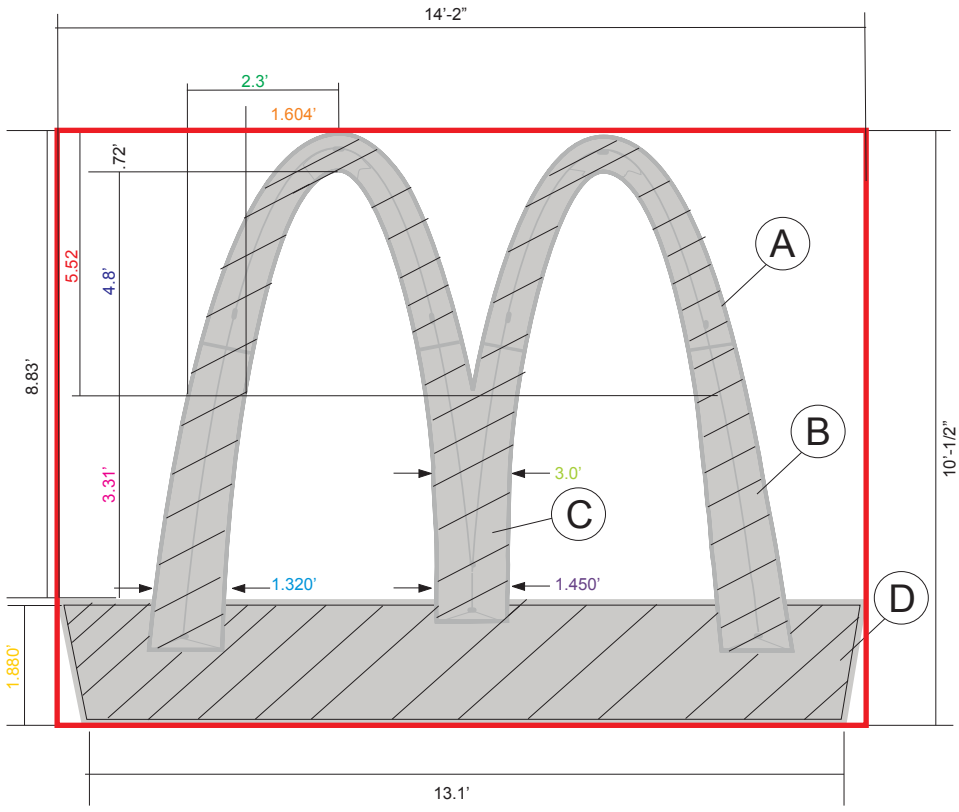


A USE ARE OF PARABOLA FORMULA TO APPROXIMATE ARCHES

A AREA = 2/3 X Y - 2/3 X Y

A= 2/3 (5.52')(2.3') - 2/3 (4.8')(1.604')

A= .67(12.6') - .67(7.6')

A= 8.4' - 5.0'

A= 3.4 SQFT PER

C APPROXIMATE CENTER ARCH LEG

C AREA = LENGTH X AVERAGE WIDTH

$C = (3.310')\frac{(3.0' + 1.450')}{2}$

C= (3.310')(2.2')

C= 7.36 SQFT PER LEG

B APPROXIMATE ARCH LEG

B AREA = LENGTH X AVERAGE WIDTH

$B = (3.31')\frac{(1.104' + 1.320')}{2}$

B= (3.31')(1.212')

B= 4.01 SQFT PER LEG

D BASE AREA

D AREA = LENGTH X WIDTH + BOTTOM TRIANGLES

D= (1.880')(13.1') + 2[(.292')(1.880')(.5)]

D= 24.6 + .548

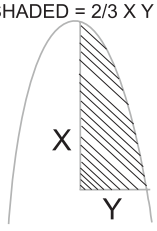
D= 25.1 SQFT

TOTAL AREA = 4(A) + 2(B) + C + D

TA= 4(3.4') + 2(4.01) + 7.36' + 25.1

TA= 54.0'

PARABOLA AREA SHOWN
SHADED = 2/3 X Y



HATCHED AREA OF SIGN
HAS BEEN CALCULATED

156.5 SQ. FT. BOXED
102.5 OF OPEN AIR SPACE
54.0 SQ. FT. TOTAL SIGN AREA