

Dimension D₁

If Dimension A is 28", and C is 12", the resulting Dimension D₁ is as follows, depending on the chair chosen:

311 one piece back = 9'11"

311 split back = 9'9"

411 = 9'4"

511 = 9'4"

1040 = 9'6"

1221 = 9'6.5"

Performer III = 9'4"

(Assumes Dimension A is between top of a retracted headrest and the surface of the 12 o'clock wall or cabinet)

Dimension E₁

If Dimension B is 32", the resulting Dimension E₁ is as follows, depending on the chair chosen:

311 = 7'6.5"

411 = 7'6"

511 = 7'7"

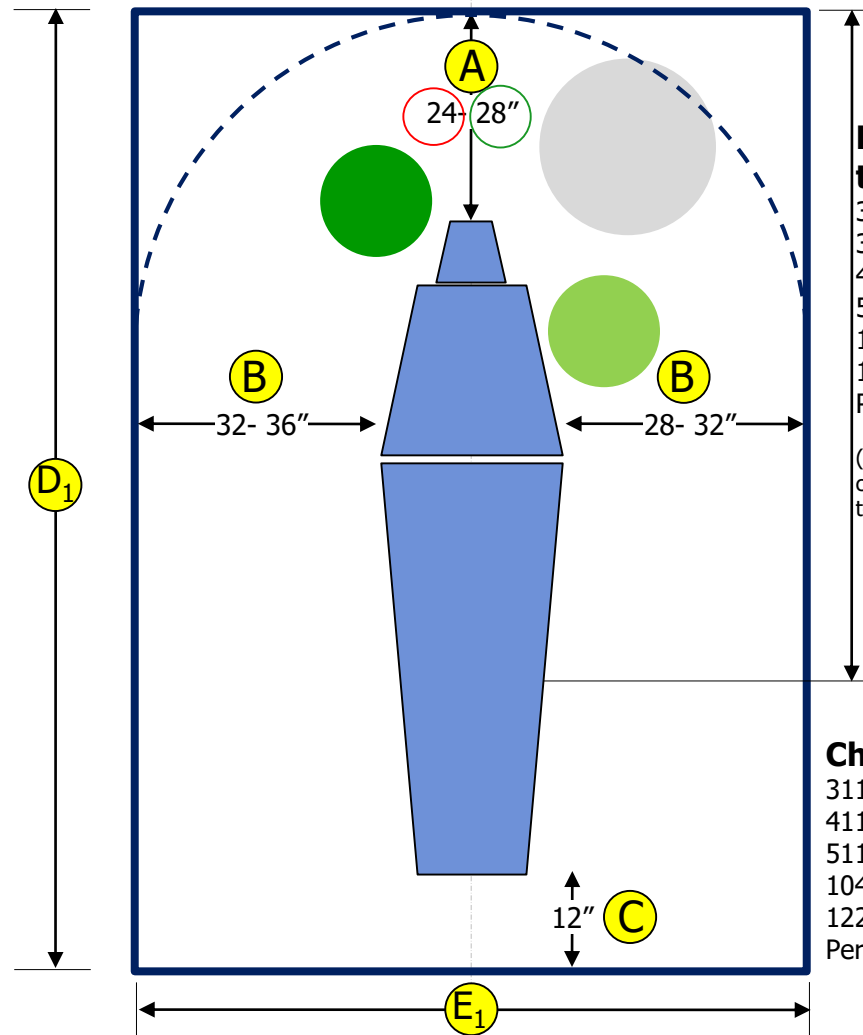
1040 = 7'7"

1221 = 7'7"

Performer III = 7'7"

(Assumes Dimension B is between the widest point of the chair (armrest or baseplate) and the surface of the 3/9 o'clock wall or cabinet)

Dimension A assumes that there remains enough work space between an extended headrest and the 12 o'clock wall or cabinet surface. **24"** is considered minimum. **28"** is more comfortable dimension for the operator.



Dimension to toe end of baseplate

311 one piece back = 87.25"

311 split back = 85.75"

411 = 87.5"

511 = 89"

1040 = 88"

1221 = 86-1/2"

Performer III = 87.5"

(Dimensions shown accommodate 28" clearance from top of retracted headrest to back cabinet or wall.)

Chair Widths

311 = 26.5" (armrest to armrest)

411 = 26" (chair base)

511 = 27" (chair base)

1040 = 27" (chair base)

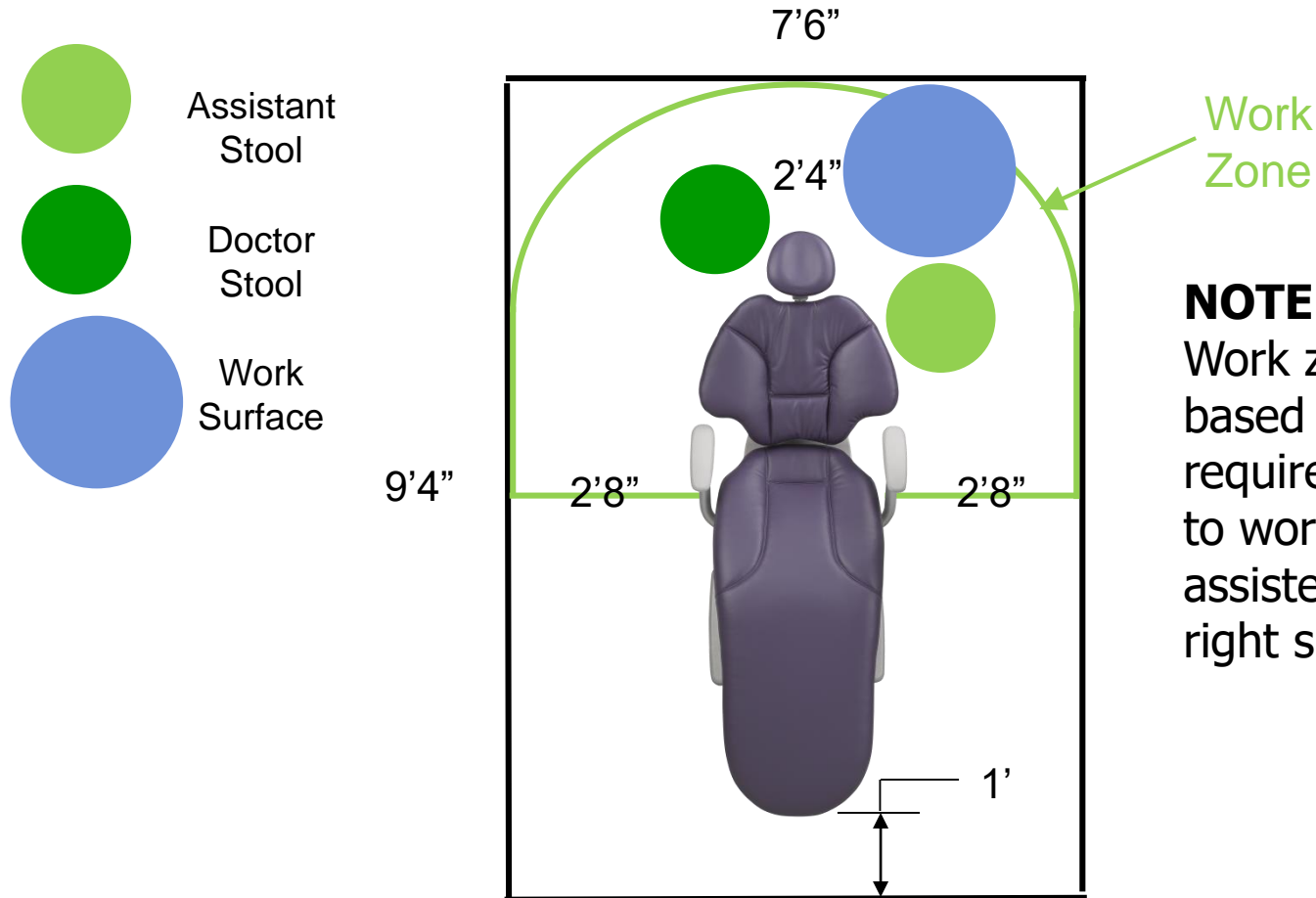
1221 = 27" (chair base)

Performer III = 27" (chair base)

Dimension C assumes clearance for the addition of a Radius-type delivery system with a self-contained water system bottle.

Minimum Operatory Size

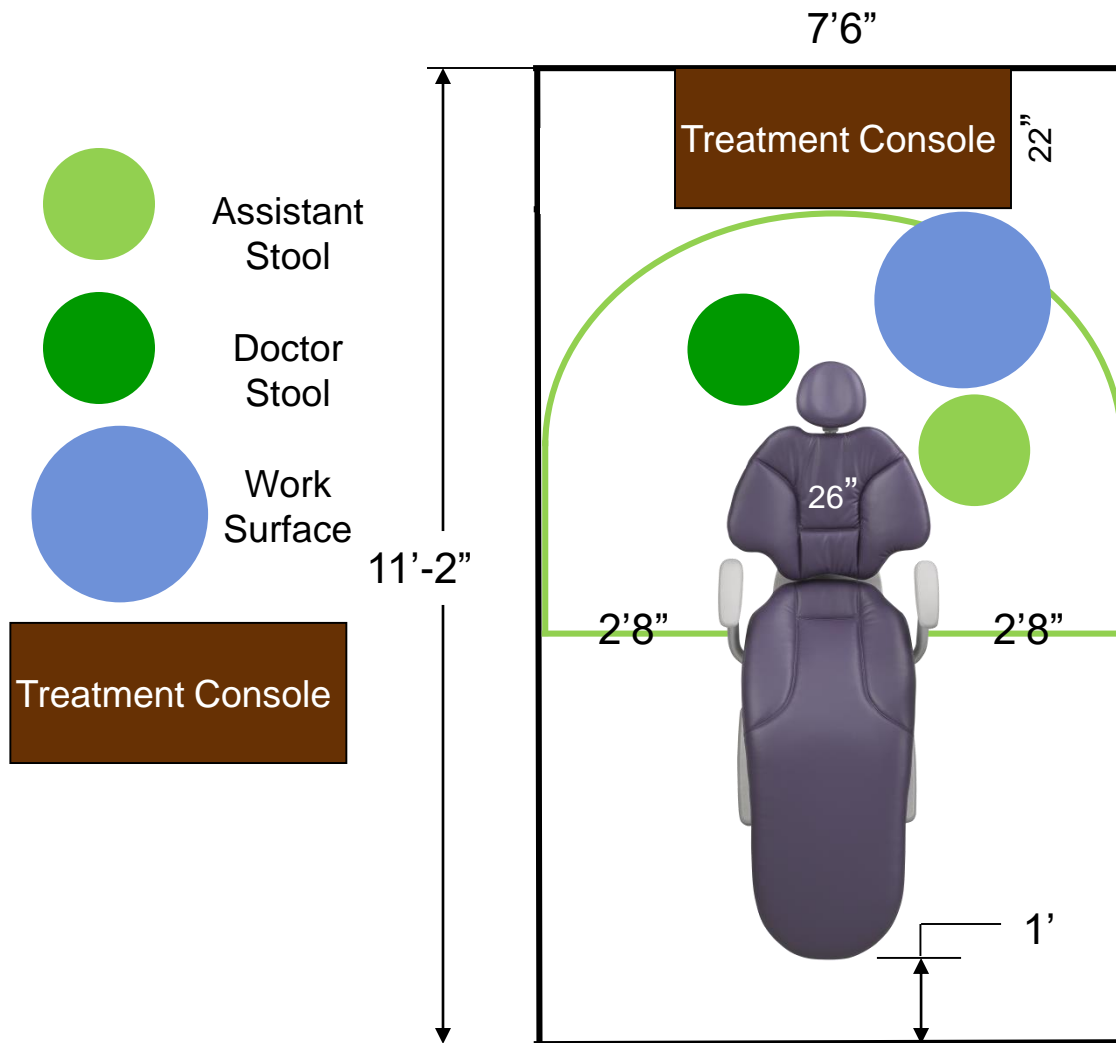
Example Shown is a 411 Chair



NOTE:

Work zone size is based on the space required for a dentist to work alone or assisted on the left or right side of the chair.

Adding a Treatment Console



NOTE:

22 inch increase in room depth to accommodate a treatment console

Adding Side Cabinets

