Soma

Balanced Pattern and Manipulation Guide Bottoms

** All measurements are for a size MED garment.

Back inseam is 1/4" to 3/8" shorter from Knee to Crotch on crops and pants.

Front

Back

Knee Placement

Front

Back

Front and back should have same leg shape from Knee to Hem.

Front should be perfectly centered in Back when grainlines are matched.

All intersections with ☐ should be set at 90 degree angle for smooth line after sewing.
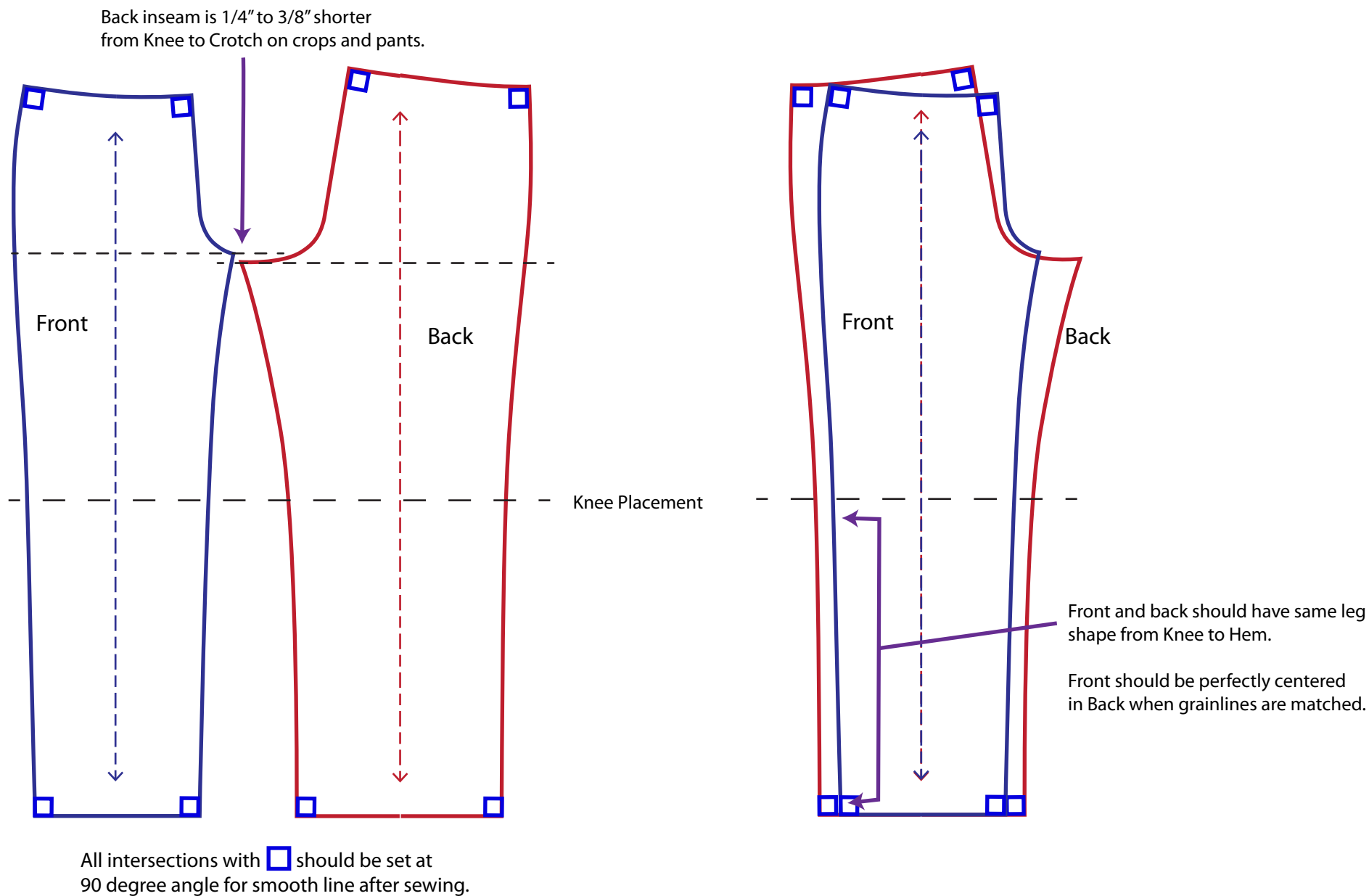
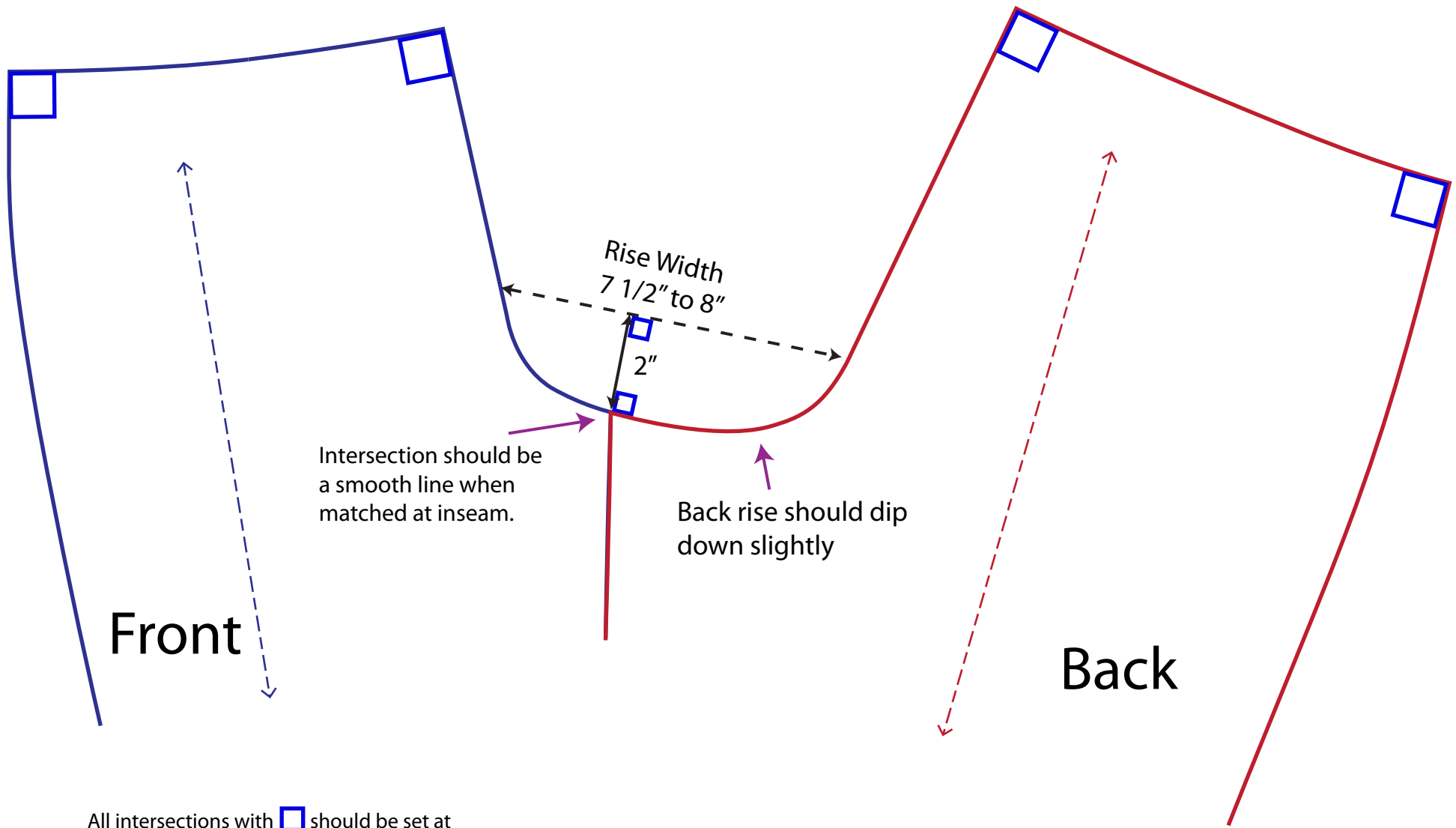All intersections with ☐ should be set at 90 degree angle for smooth line after sewing.

Crotch point should extend past side seam as pictured.

1/4" to 3/8"

1 1/4" to 1 1/2"

Front

Back

Knee Placement

Inseam and side seam should match to just above knee area.

Fold pattern in half, matching at leg opening.

Pant - Balance Inseam to Outseam

Soma

Front crotch width
1 3/8" to 1 5/8"

CB waist should sit higher than side seam.

CF waist should sit 1/2" lower than side seam.

Front rise should angle no
more than 1/4" off grainline.

Front

Back inseam is 1/4" to 3/8" shorter
from Knee to Crotch on crops and pants.

Back

All intersections with ☐ should be set at
90 degree angle for smooth line after sewing.

Soma

Rise Width
7 1/2" to 8"

2"

Intersection should be
a smooth line when
matched at inseam.

Back rise should dip
down slightly

Front

Back

All intersections with ☐ should be set at
90 degree angle for smooth line after sewing.
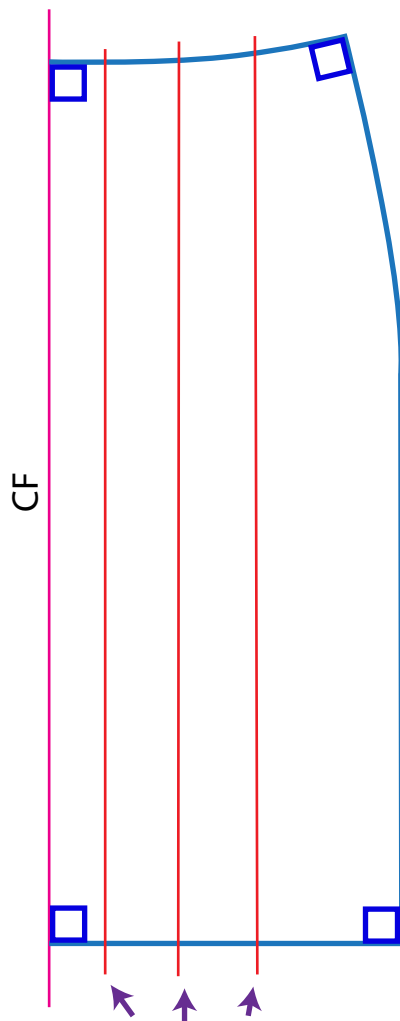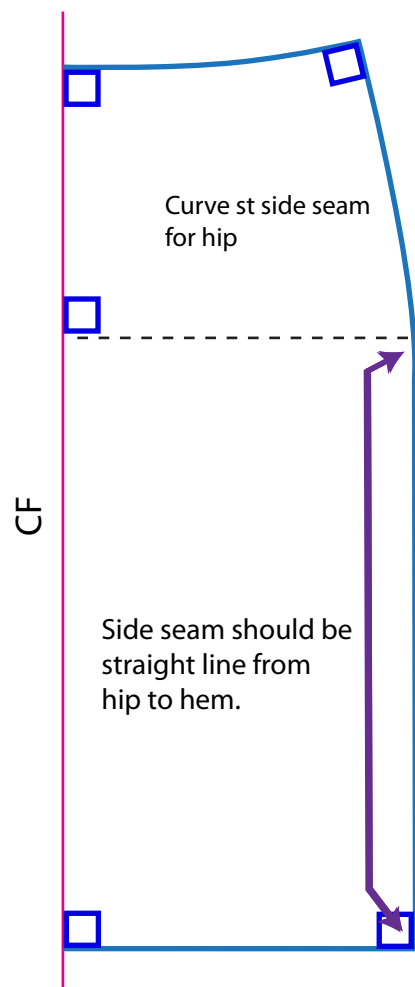
Soma

Waistband contours smoothly around body.

Side seams hang straight.

Hem is parallel to floor.

Soma

All intersections with ☐ should be set at
90 degree angle for smooth line after sewing.

Curve st side seam
for hip

CF

Side seam should be
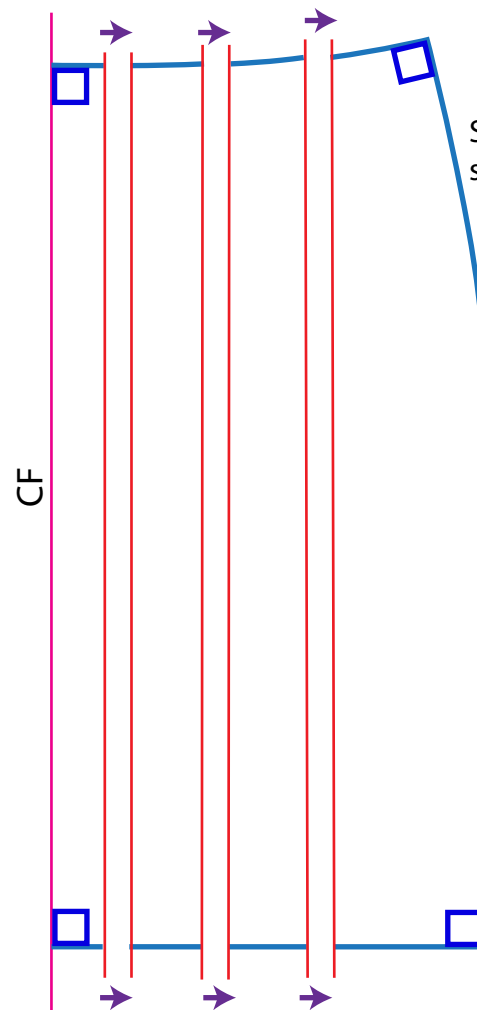straight line from
hip to hem.

Skirt waist seam should have natural curve.

CF

Add cut lines to distribute fullness evenly
through width of body.
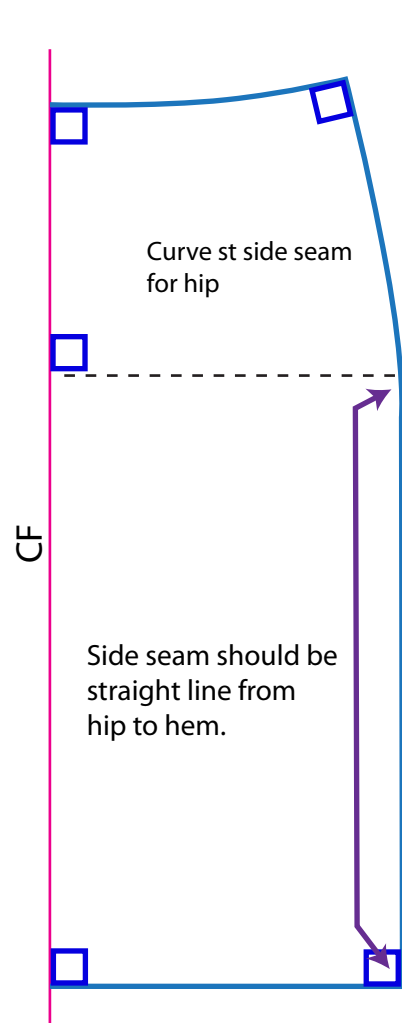
Skirt waist seam should maintain
natural curve.

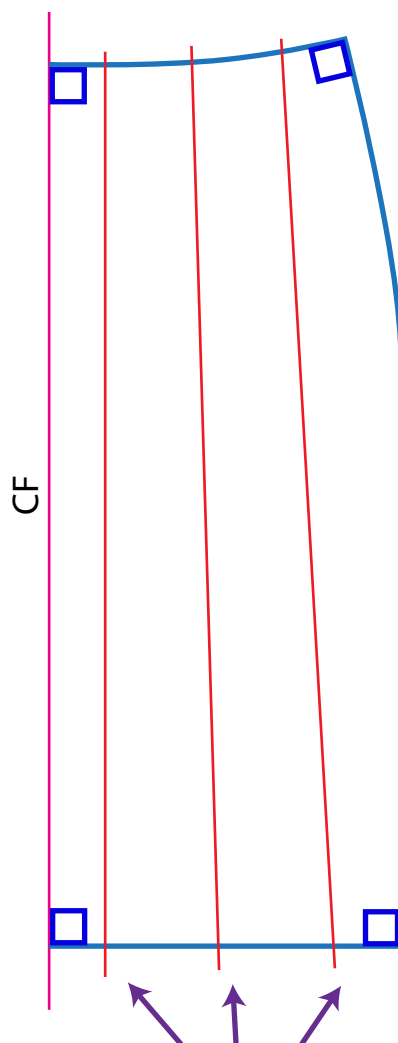Spread to meet **shirring ratio**
or **pleat** requirements.

Sideseam maintains
same shape at hip.

CF

Spread to meet sweep spec.

Hem remains level.

Spread Balanced Skirt for Shirring or Pleats

All intersections with ☐ should be set at
90 degree angle for smooth line after sewing.

Waist shape is more curved to
control where fullness falls on body.

Skirt waist seam should have natural curve.

Sideseam maintains same
shape at hip.

Curve st side seam
for hip

Side seam should be
straight line from
hip to hem.

CF

CF

CF

Add cut lines to distribute fullness evenly at sweep.

Spread to meet sweep spec.
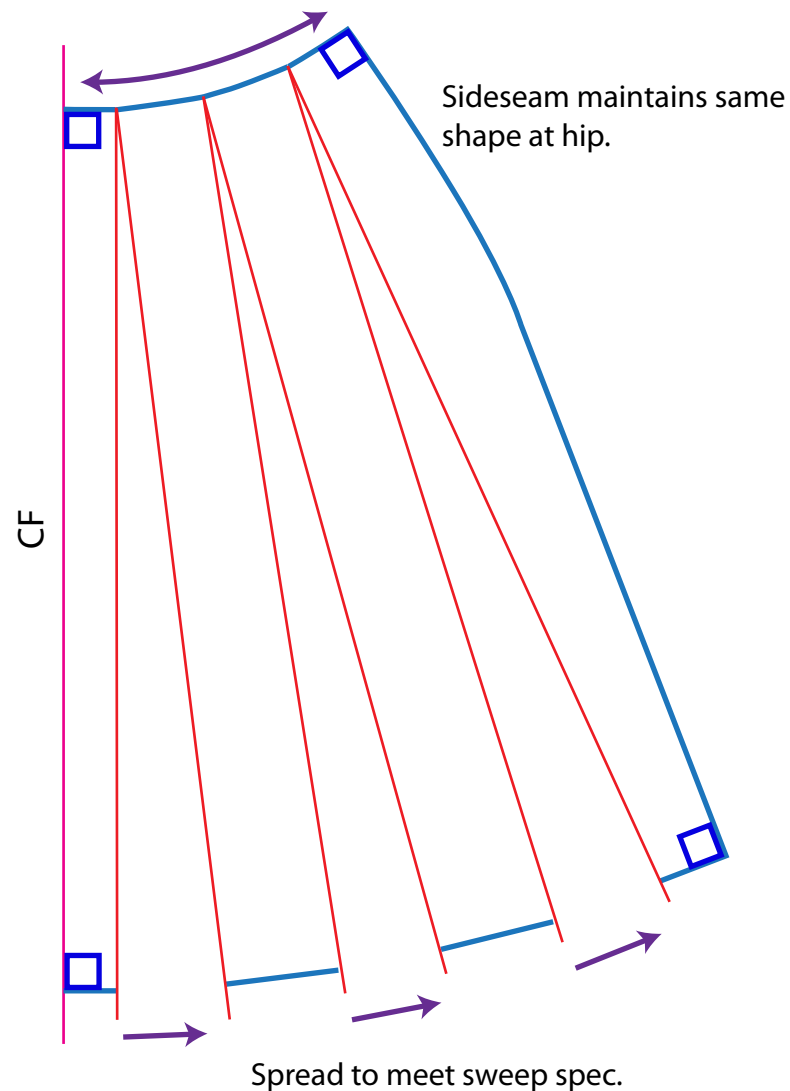
Shirring/gathers/pleats hang straight to hem, not angle to side.

Side seam of garment aligns with side seam of mannequin.

Side seam of garment aligns with side seam of mannequin.

Hem is parallel to floor.

Mannequin is centered in opening of skirt. There is the same distance in front and back.