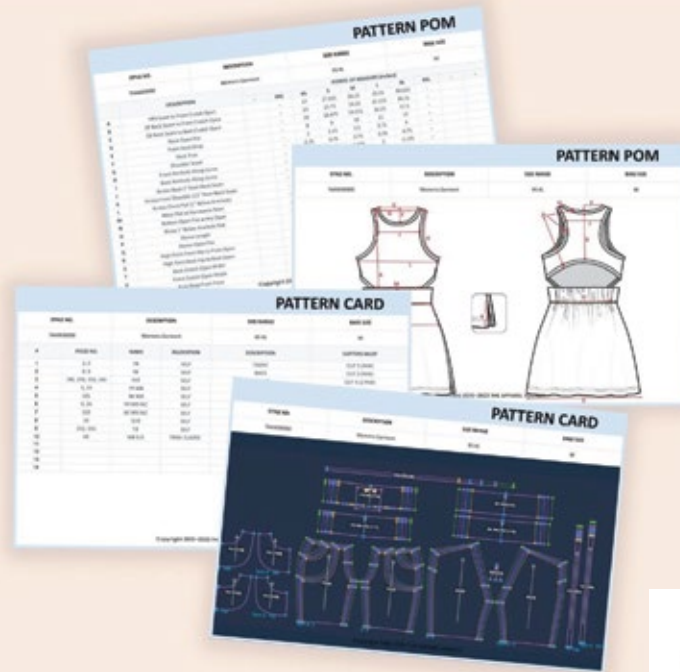
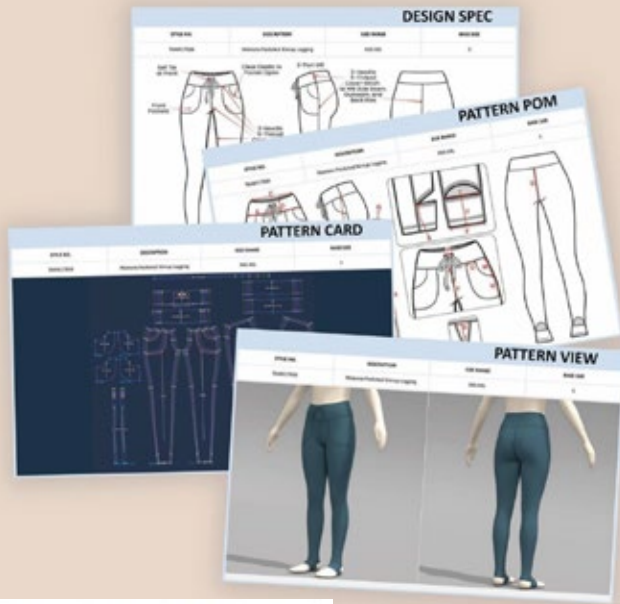


SkyGOAT

Patternmaking, 3D Virtual Sampling,
Grading, Technical Development,
Sample Sewing



TNTW13069-SizeSet-front.png - 854 KB

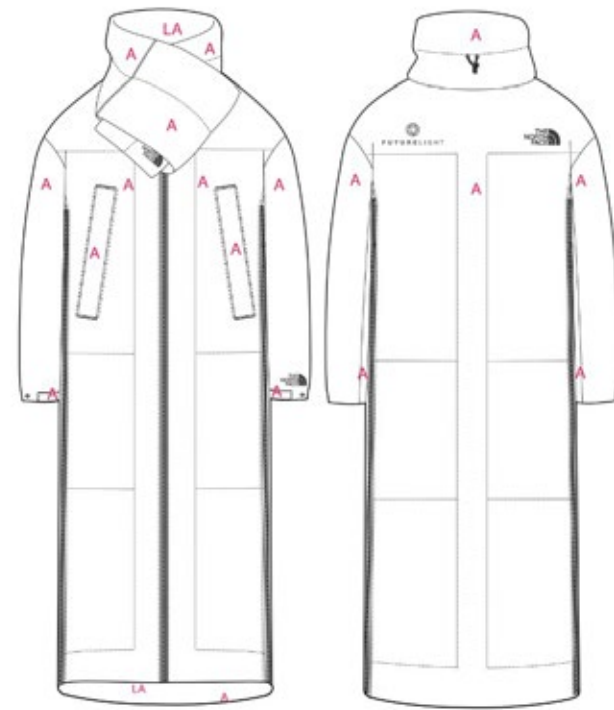


TNTW13069-SizeSet-back.png - 844 KB



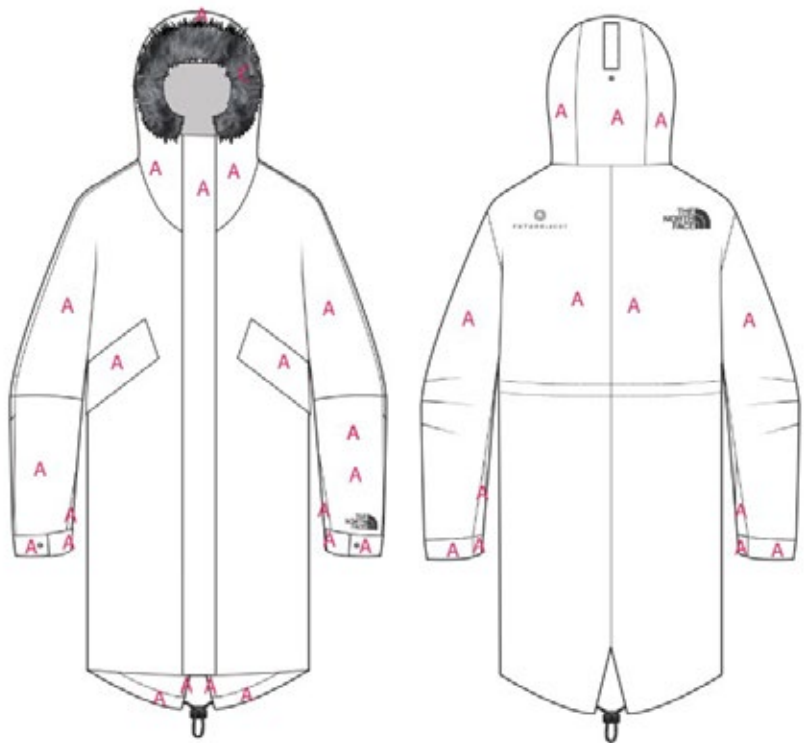
TNTW13069-SizeSet-frontTM.png - 1.18

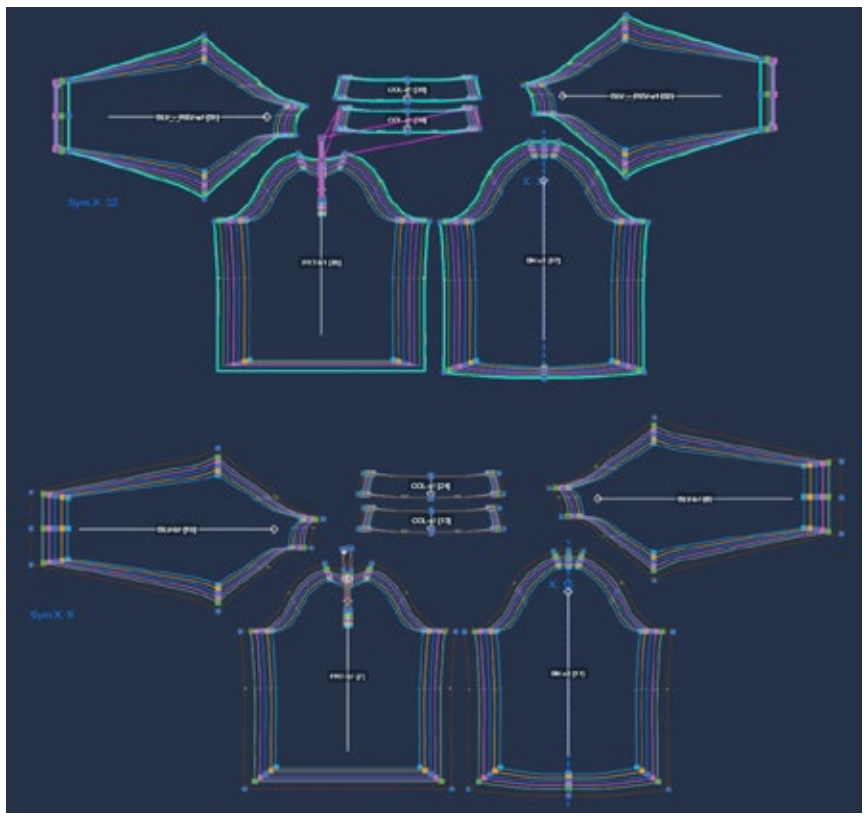
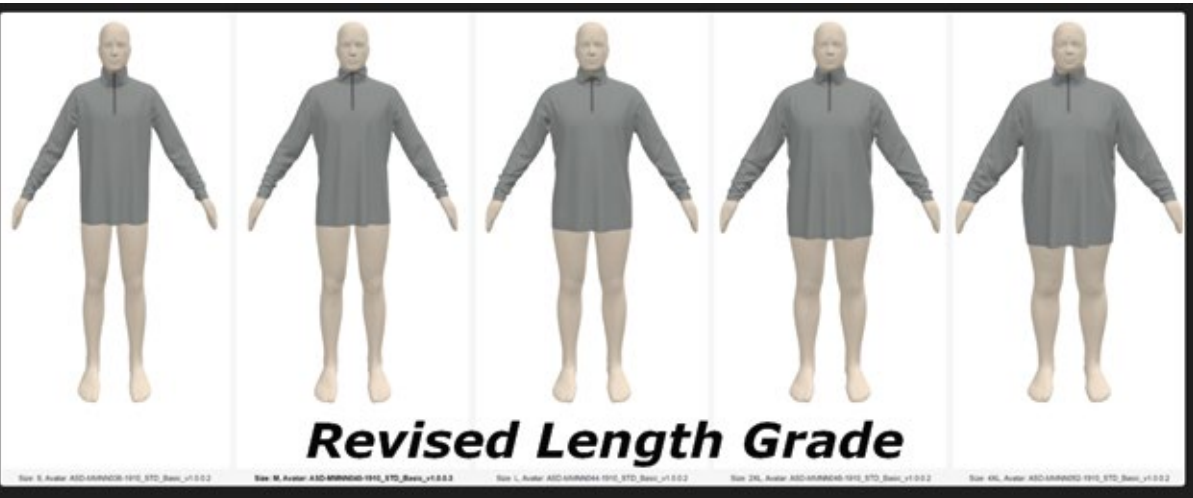




THE NORTH FACE

F21 Black Series
Technical Development
and Patternmaking

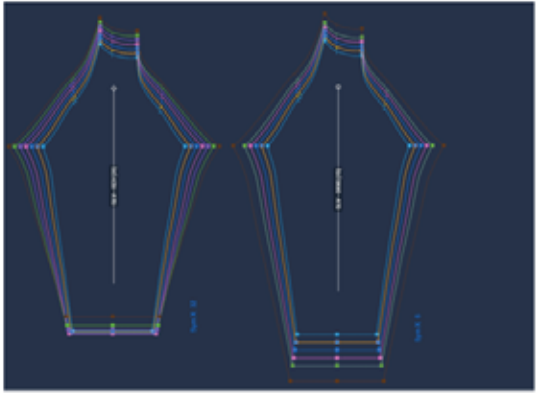




Validating grading using ALVANON and Browzwear

For this project, a client came to me with an old graded PDF pattern and a request to shorten the sleeves about 2". Once I converted and combined all the individual files for each size into a nested pattern in my 2D CAD program, I was able to review the existing grade from S-4X. In doing so, I discovered that the sleeves and body were growing significantly in length between each size – much more than they should.

To get a better sense of the sleeve length in each size, I decided to dress the pattern in 3D. Sure enough, the proportions were way off as the sizes got further from the Large base size, and the 2X-4X in particular were excessively long. (Pictured: S,M,L,2X,4X on Alvanon's North American Standard Men's 36-52)



All said and done, I ended up shortening the L sleeve 2" and taking 7.5" off the length of the 4X sleeve. I also reduced the torso length grade so the 4X wouldn't end up looking like a tunic. Overall, the fit is much improved across the graded set.

STYLE NO.	DESCRIPTION	SIZE RANGE	SAMPLE SIZE	BRAND
	Long Sleeve Raglan, 1/4 Zip, Stand Collar	S-M-L-XL-2X-3X-4X	LARGE	

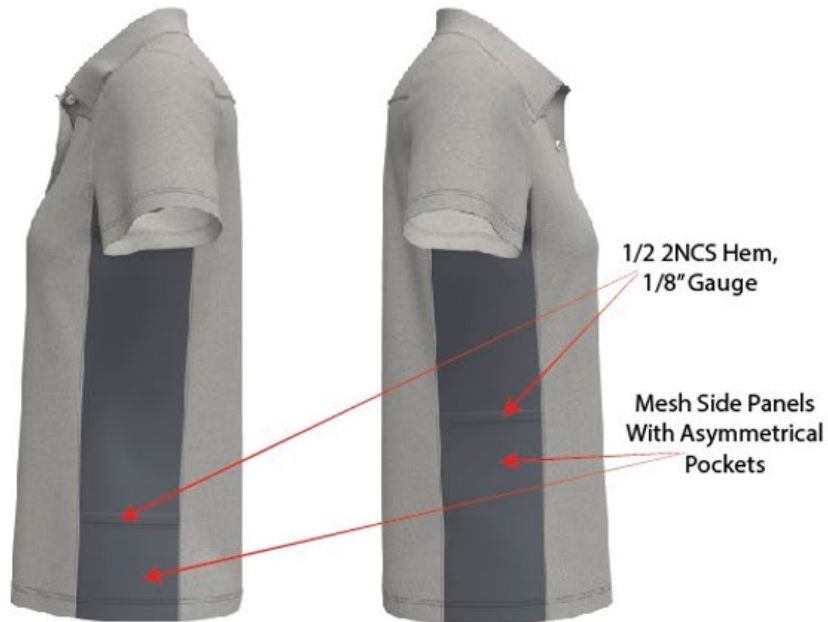
Points Of Measure (inches)	Tolerance +/-	Base Size						
		S	M	L	XL	2X	3X	4X
Sleeve length, HPS neck seam to hem - OLD		31 3/4	33 1/8	34 1/2	36	37 1/4	37 1/4	40
Sleeve length, HPS neck seam to hem - REV		31 1/4	31 7/8	32 1/2	33 1/8	33 1/8	33 1/8	32 5/8



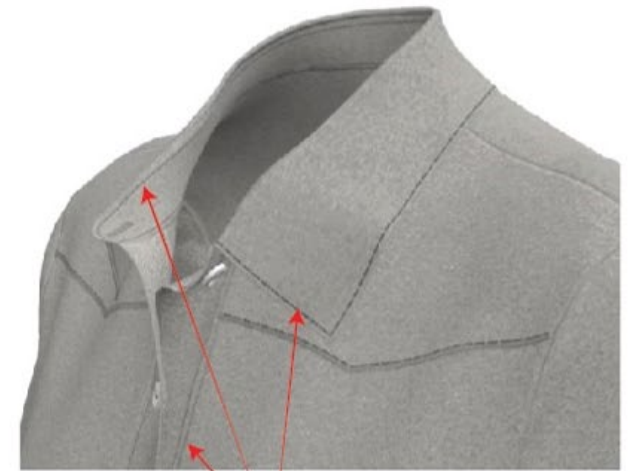
Cosewn

2D/3D Patternmaking
and Prototyping
in Browzwear

3D Assets Used to Illustrate
Construction Callouts



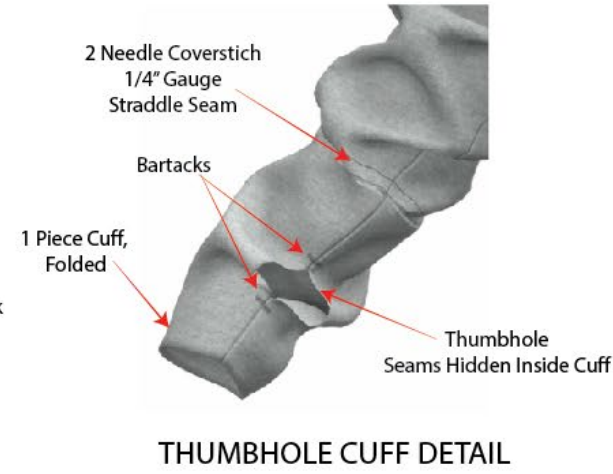
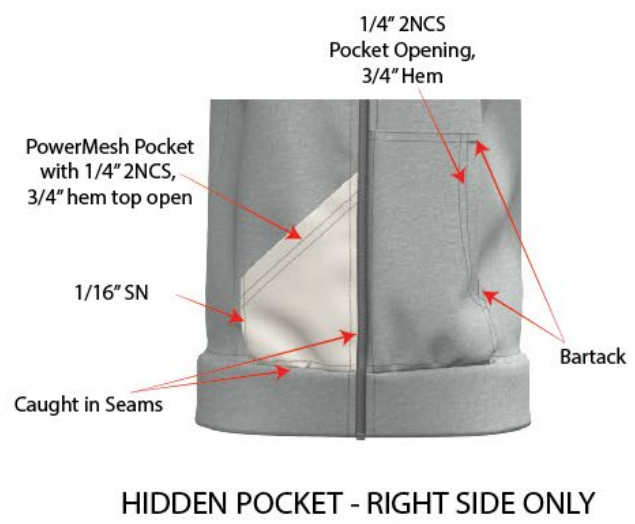
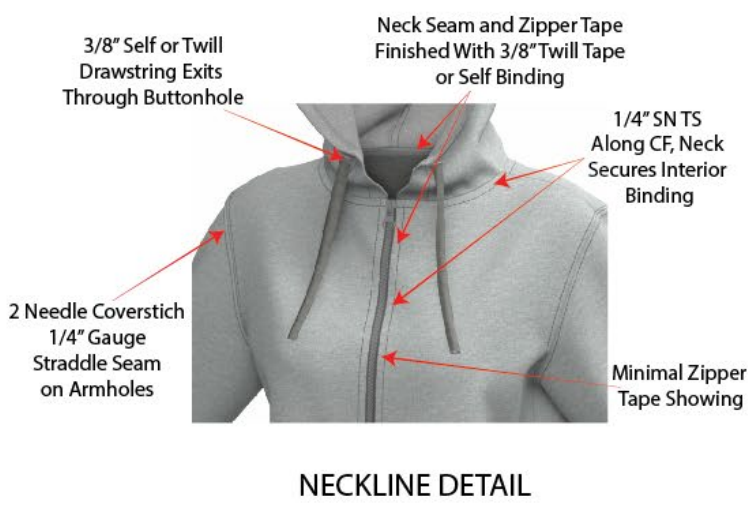
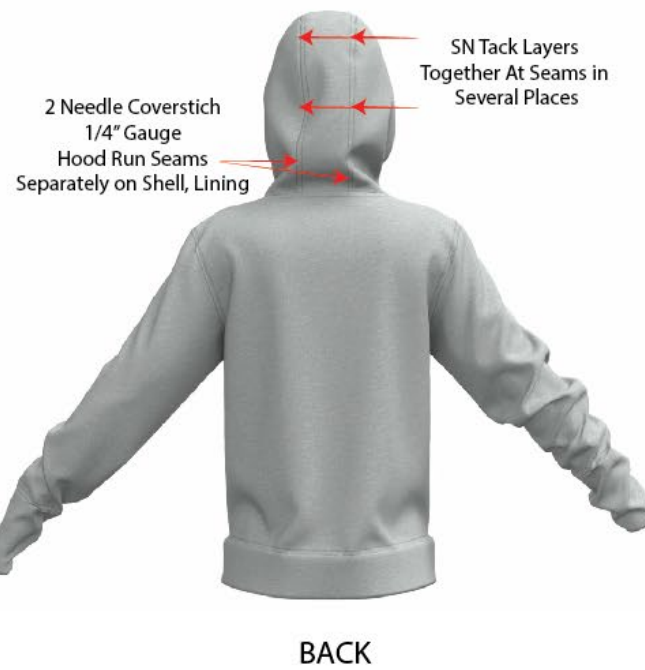
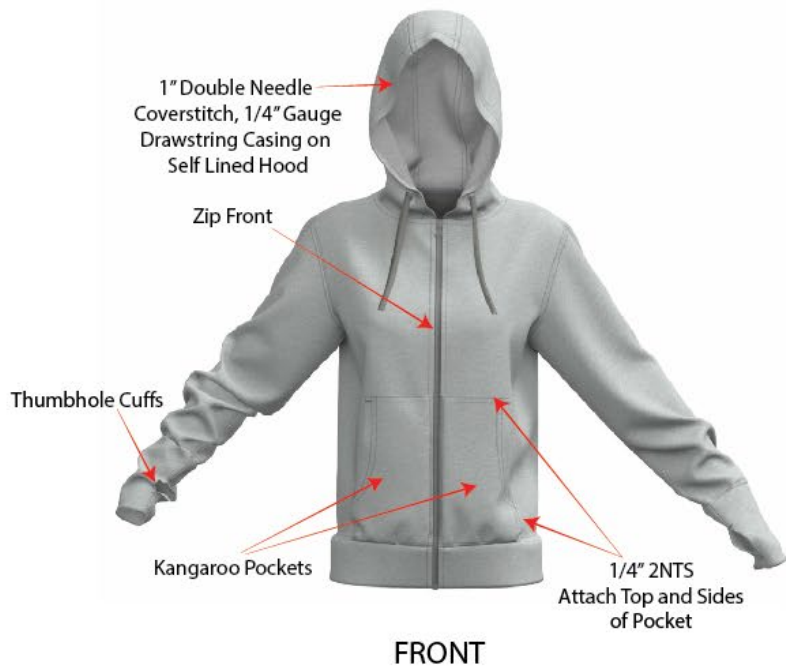
SIDE



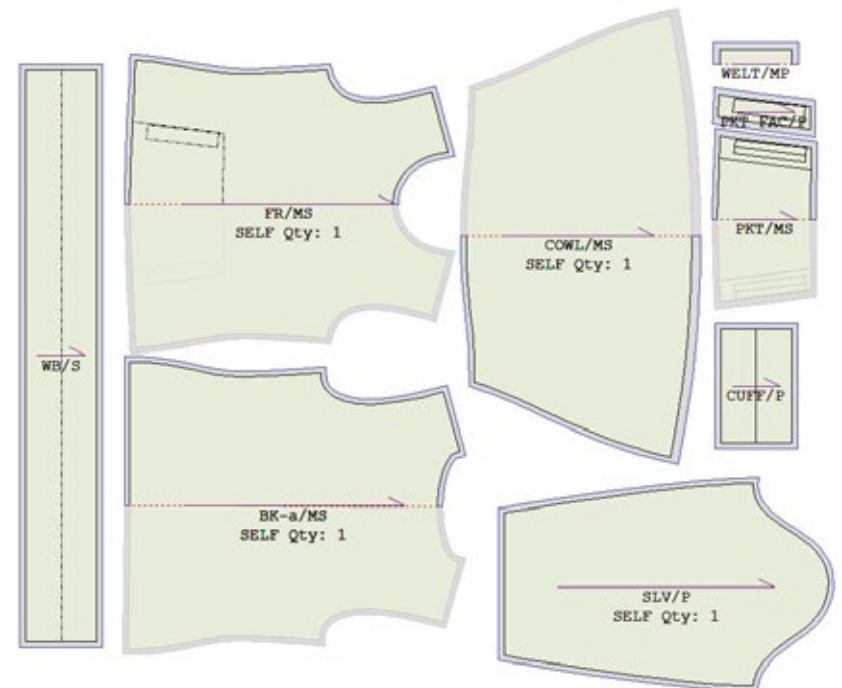
1/16"-1/8" Margin
SN Topstitch
Collar, Collar Stand,
CF Placket

COLLAR DETAIL

3D Assets Used to Illustrate Construction Callouts



Personal Projects - 2D/3D Patternmaking, Sample Sewing



Personal Project: Upcycled Colorblock Tee

Patternmaking,
3D Virtual Sample in Multiple Colorways,
Sewing

