Layer	Input →Output	Kernel, stride
conv1 (RGB)	$[6,256,256,3] \rightarrow [6,256,256,64]$	[3,3], 1
conv1 (Depth)	$[6, 256, 256, 1] \rightarrow [6, 256, 256, 64]$	[3,3], 1
conv1 (Segm.)	$[6,256,256,14] \rightarrow [6,256,256,64]$	[3,3], 1
conv2	$[6,256,256,64] \rightarrow [6,256,256,64]$	[3,3], 1
pool2 (max)	$[6,256,256,64] \rightarrow [6,128,128,64]$+indices2	[2,2], 2
conv3	$[6,128,128,64] \rightarrow [6,128,128,128]$	[3,3], 1
conv4	$[6,128,128,128] \rightarrow [6,128,128,128]$	[3,3], 1
pool4 (max)	$[6,128,128,128] \rightarrow [6,64,64,128]$+indices4	[2,2], 2
conv5	$[6,64,64,128] \rightarrow [6,64,64,256]$	[3,3], 1
conv6	$[6,64,64,256] \rightarrow [6,64,64,256]$	[3,3], 1
conv7	$[6,64,64,256] \rightarrow [6,64,64,256]$	[3,3], 1
pool7 (max)	$[6,64,64,256] \rightarrow [6,32,32,256]$+indices7	[2,2], 2
conv8	$[6,32,32,256] \rightarrow [6,32,32,512]$	[3,3], 1
conv9	$[6,32,32,512] \rightarrow [6,32,32,512]$	[3,3], 1
con10	$[6,32,32,512] \rightarrow [6,32,32,512]$	[3,3], 1
pool10 (max)	$[6,32,32,512] \rightarrow [6,16,16,512]$+indices10	[2,2], 2
conv11	$[6,16,16,512] \rightarrow [6,16,16,512]$	[3,3], 1
conv12	$[6,16,16,512] \rightarrow [6,16,16,512]$	[3,3], 1
conv13	$[6,16,16,512] \rightarrow [6,16,16,512]$	[3,3], 1
pool13 (max)	$[6,16,16,512] \rightarrow [6,8,8,512]$+indices13	[2,2], 2