

BASIC PHOTOGRAPHY III

ENHANCEMENT TO PRINT

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WEEK 2

INTRODUCTION TO MASKING

CURVE adjustment layer

INTRO TO MASKING

THE GRAPHICS TABLET

MASKING WITH THE BRUSH TOOL

INTRO TO LAYER MASKING

LAYER

POWERFUL ARCHITECTURE OF A PHOTOSHOP (.psd) FILE

IMAGE ON MONITOR is the composite view of all layers, viewed from top

LAYERS contain either PIXEL content or ADJUSTMENT instructions

PIXEL CONTENT can fill all or part of a layer

ADJUSTMENT INSTRUCTIONS modify brightness, contrast, color & saturation

LAYERS BLEND with other layers via OPACITY & LAYER MODE settings

MASK

LINKED TO A LAYER, IT HIDES OR REVEALS PART OF THE LAYER

BLACK MASK AREA hides layer pixels or adjustments

WHITE MASK AREA reveals layer pixels or adjustments

CLICK the ADD LAYER MASK icon in the LAYERS PALETTE to add a white mask

WHITE MASK acts as a transparent mask revealing the entire layer

PAINT WITH BLACK to hide areas of the layer

TO REVEAL an area blocked by a black mask, PAINT WITH WHITE

MASKS ARE EDITABLE - a key part of a non-destructive workflow

INTRO TO LAYER MASKING

“WHITE REVEALS / BLACK CONCEALS”

- WHITE in a MASK REVEALS the corresponding parts of the layer
- BLACK in a MASK CONCEALS the corresponding parts of the layer
- LAYER MASKS apply to BOTH PIXEL LAYERS and ADJUSTMENT LAYERS
- ADJUSTMENT LAYERS automatically create a WHITE (no masking) LAYER MASK
- To add a WHITE LAYER MASK to a PIXEL LAYER, CLICK the new layer mask icon at the bottom of the layers palette
- To add a BLACK (FULLY MASKED) LAYER MASK to a PIXEL LAYER, OPTION-CLICK the new layer mask icon at the bottom of the layers palette
- To FILL A LAYER MASK with SOLID BLACK or WHITE, select the mask and go to EDIT>FILL>and then choose a color

USES FOR LAYER MASKS

COMBINING (COMPOSITING) PIXEL CONTENT LAYERS

1. ADDING & REMOVING IMAGE ELEMENTS
2. BLURRING BACKGROUND
3. CREATING RETOUCH LAYERS
4. APPLYING EFFECTS TO PART OF AN IMAGE
 - a. SHARPENING eyes only
 - b. ADDING/RESTORING GRAIN to blurred areas
 - c. REVEALING PARTS OF MODIFIED PICTURE ELEMENTS

RESTRICTING ADJUSTMENTS to part(s) of the image

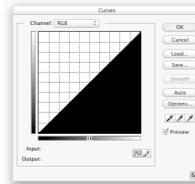
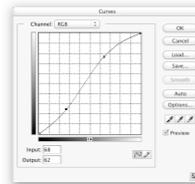
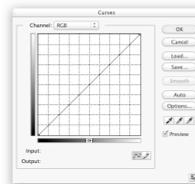
1. SELECTIVE COLOR ADJUSTMENTS
2. SELECTIVE BRIGHTNESS ADJUSTMENTS (DODGE & BURN)
3. SELECTIVE HUE & SATURATION ADJUSTMENTS
4. SELECTIVE B&W ADJUSTMENTS

COLOR CORRECTION

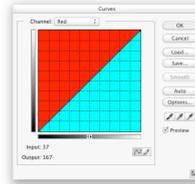
THE CURVE ADJUSTMENT LAYER

RGB CURVES ADJUSTMENT

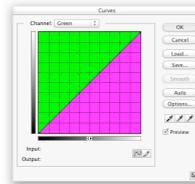
USE THE CURVES ADJUSTMENT DIALOGUE BOX TO LIGHTEN OR DARKEN THE IMAGE, AND TO ADJUST INDIVIDUAL COLORS USING THE RED, GREEN AND BLUE COLOR CHANNELS.



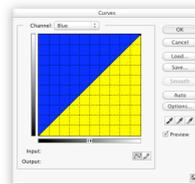
IN THE COMBINED RGB CHANNEL
LIGHTER IS UP
DARKER IS DOWN.



IN THE RED CHANNEL
TO ADD RED, DRAG THE CURVE UP
TO REDUCE RED (ADD CYAN) PULL THE CURVE DOWN



IN THE GREEN CHANNEL
TO ADD GREEN, DRAG THE CURVE UP
TO REDUCE GREEN (ADD MAGENTA) PULL THE CURVE DOWN



IN THE BLUE CHANNEL
TO ADD BLUE, DRAG THE CURVE UP
TO REDUCE BLUE(ADD YELLOW) PULL THE CURVE DOWN

The CURVE adjustment layer is the most accurate and controllable adjustment tool in Photoshop for adjusting contrast and color.

The diagonal line goes from pure black in the lower left corner ("0") to pure white in the upper right corner ("255"). Setting points along the line designates specific brightness values in the image. Moving the point above or below its original position changes brightness & contrast.

The RGB channel affects brightness & contrast
The RED channel affects RED and CYAN values
The GREEN channel affects GREEN & MAGENTA values
The BLUE channel affects BLUE & YELLOW values

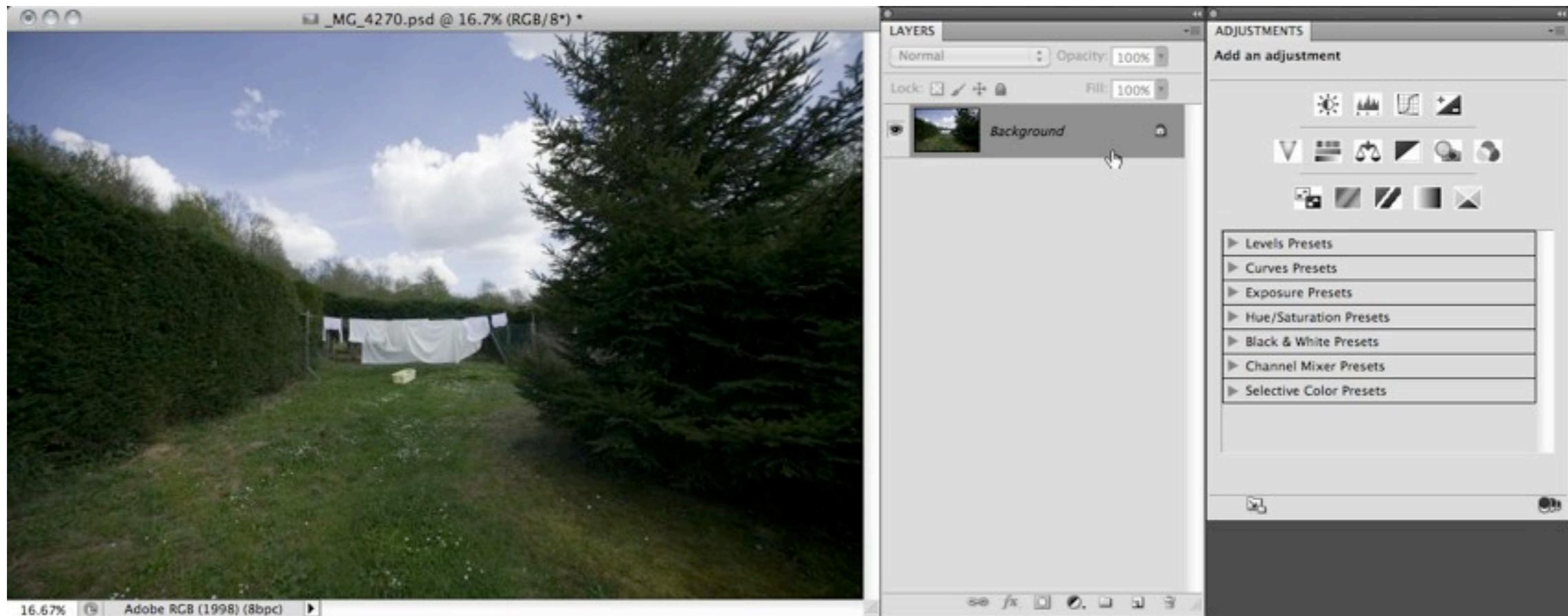
INTRODUCTION TO MASKING

“WHITE REVEALS / BLACK CONCEALS”

MASKS can be soft-edged with imprecise shapes, created with a large feathered BRUSH, mimicking the work done in the traditional darkroom by holding hands between the enlarger lights source and the printing paper.

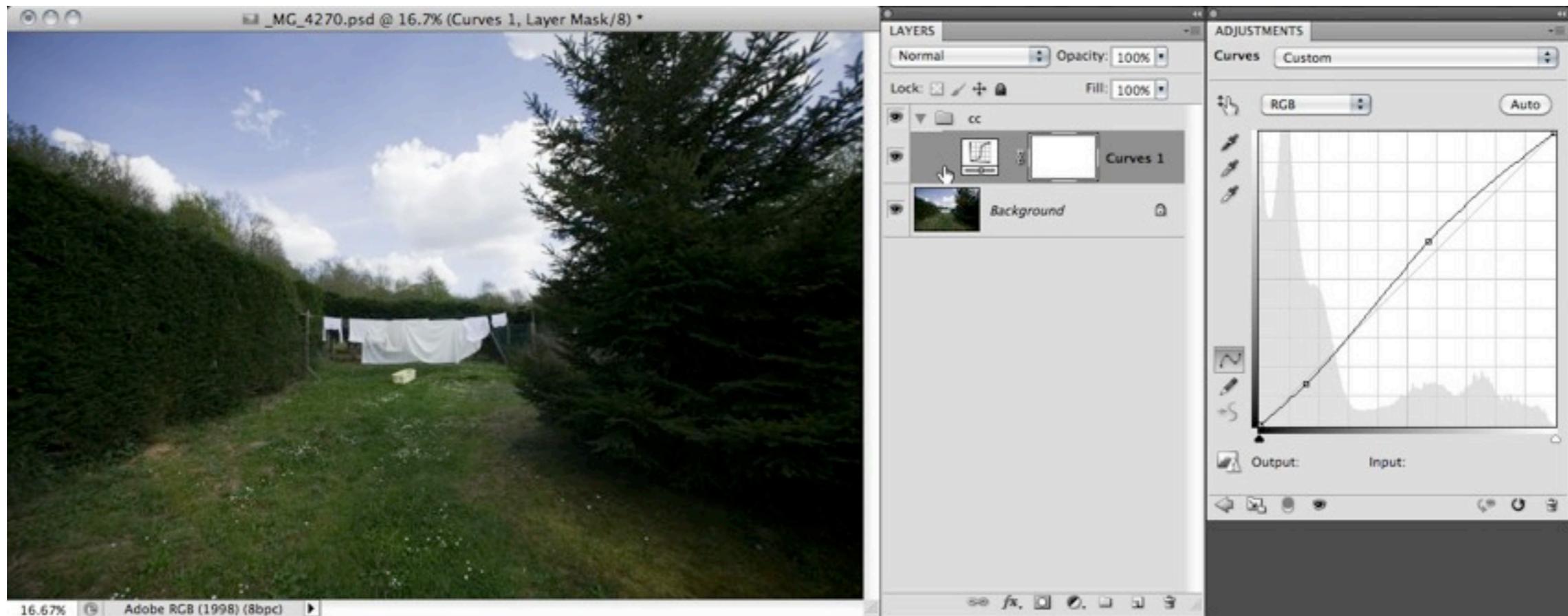
INTRODUCTION TO MASKING

OPEN FILE FROM ACR



INTRODUCTION TO MASKING

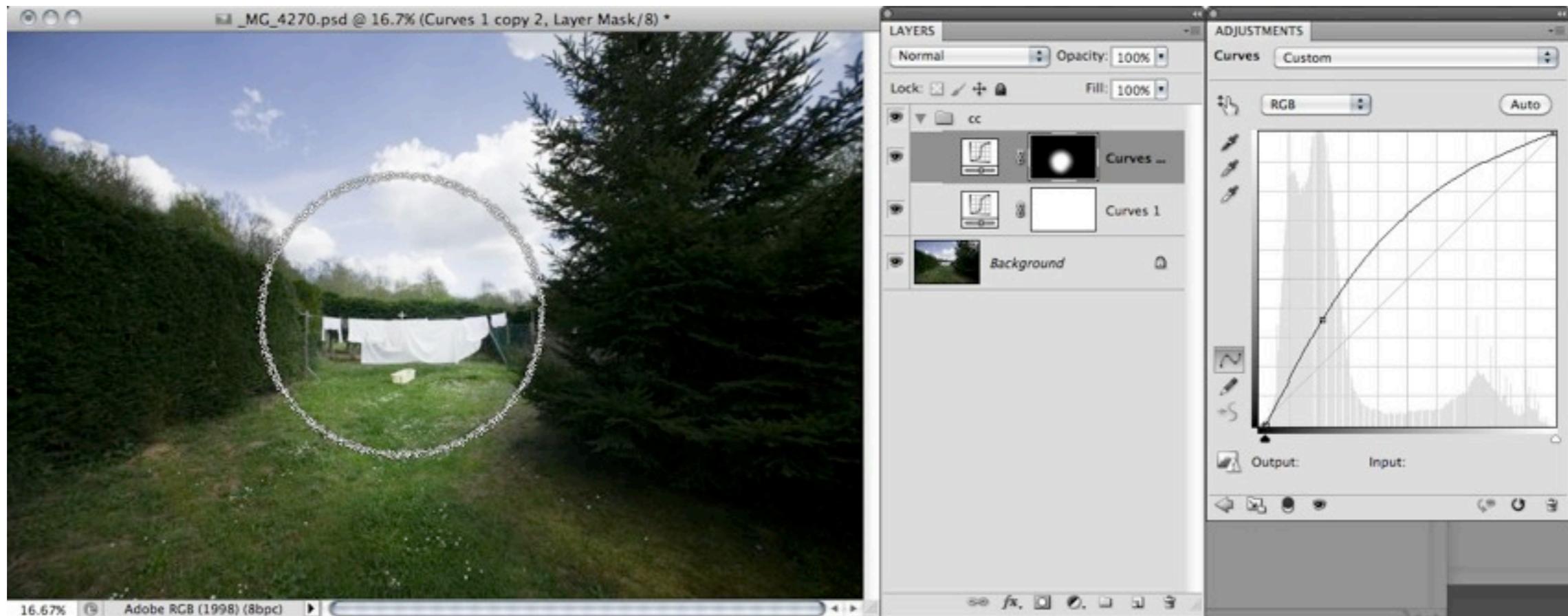
GLOBAL CONTRAST INCREASE



Create a classic “S” curve to brighten highlights and deepen shadows.
NOTE: WHITE layer mask, so adjustment affects the entire image.

INTRODUCTION TO MASKING

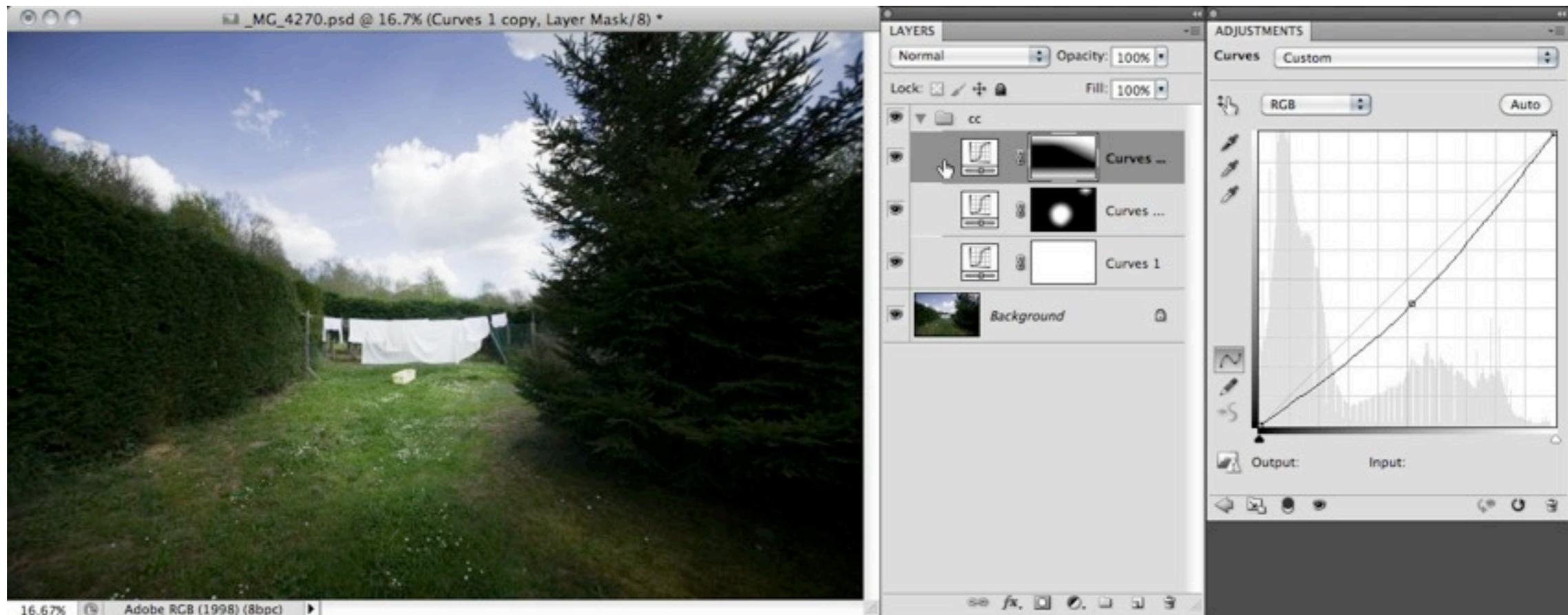
LOCAL BRIGHTNESS INCREASE



Use the BRUSH TOOL to paint on a BLACK MASK with WHITE, restricting the lightening effect of the CURVE ADJUSTMENT LAYER to a spot near the center of the image only.

INTRODUCTION TO MASKING

LOCAL BRIGHTNESS INCREASE



Use the BRUSH TOOL to paint on a BLACK MASK with WHITE, restricting the darkening effect of the CURVE ADJUSTMENT LAYER to the top and bottom of the image only.

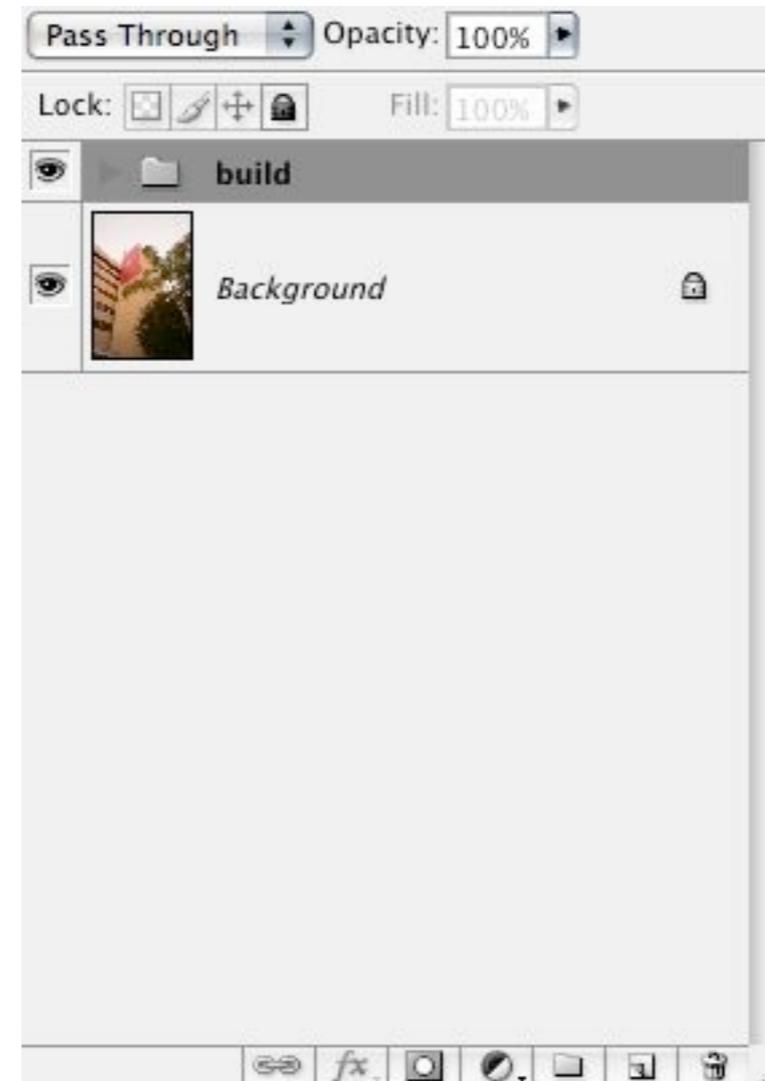
INTRODUCTION TO MASKING

“WHITE REVEALS / BLACK CONCEALS”

MASKS can be precise shapes, created with fine-detail selection tools or cloned from monochromatic CHANNELS to create composites of intricate layers - correcting or replacing areas with highly complex edge detail.

INTRODUCTION TO MASKING

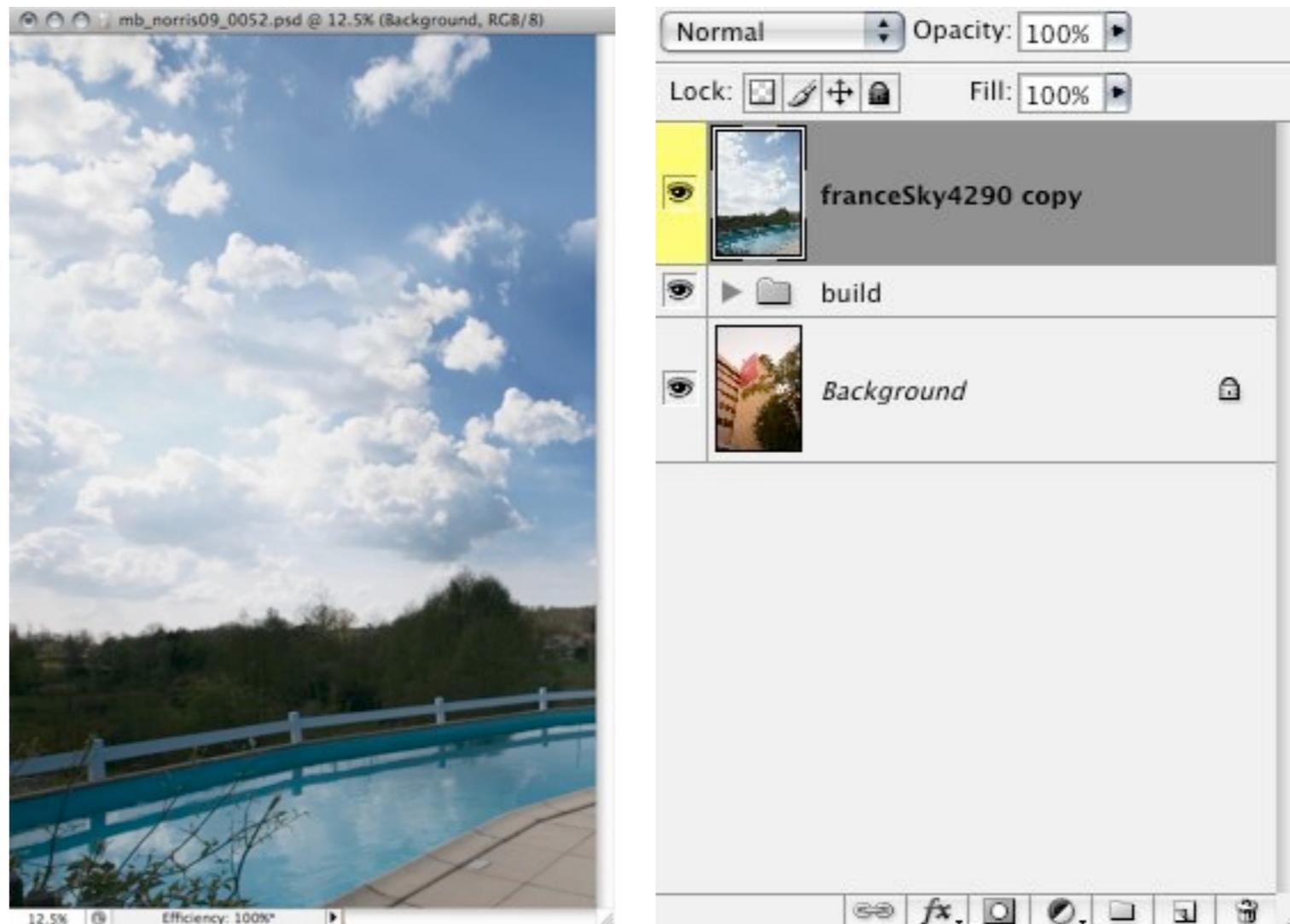
“WHITE REVEALS / BLACK CONCEALS”



Original image needs better sky

INTRODUCTION TO MASKING

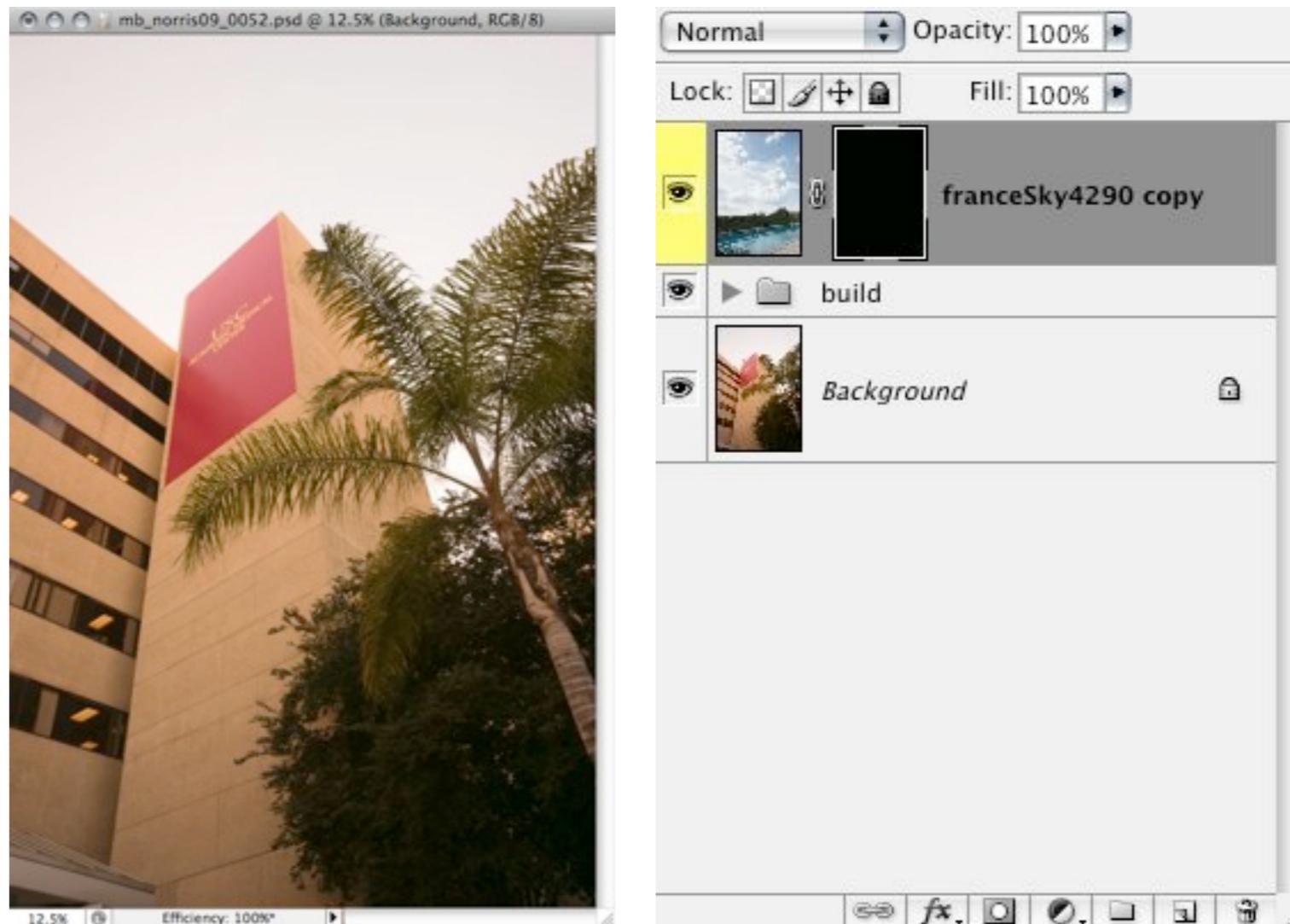
“WHITE REVEALS / BLACK CONCEALS”



Sky image added on its own layer, at the top of the layer stack

INTRODUCTION TO MASKING

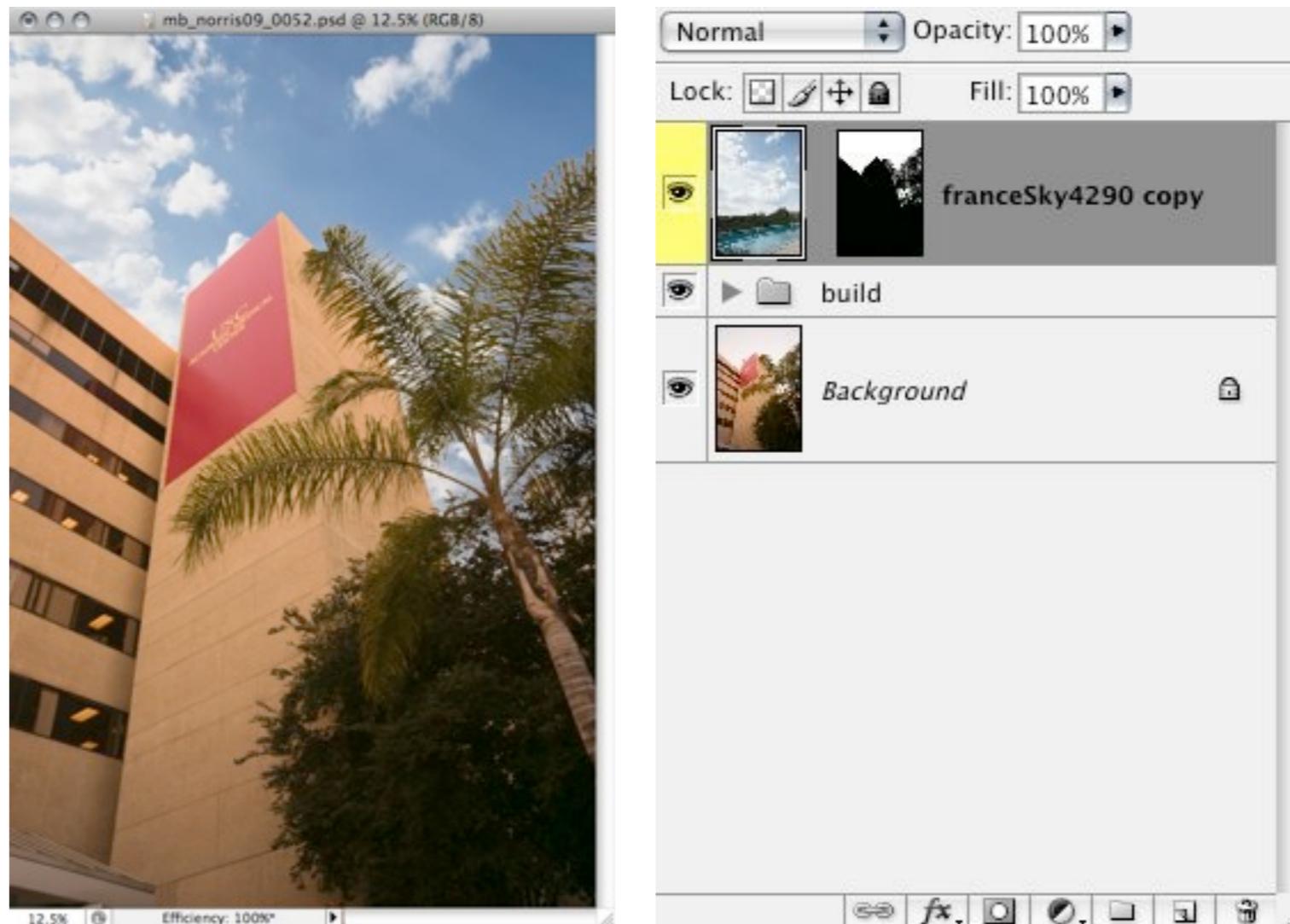
“WHITE REVEALS / BLACK CONCEALS”



BLACK LAYER MASK conceals the sky layer content completely

INTRODUCTION TO MASKING

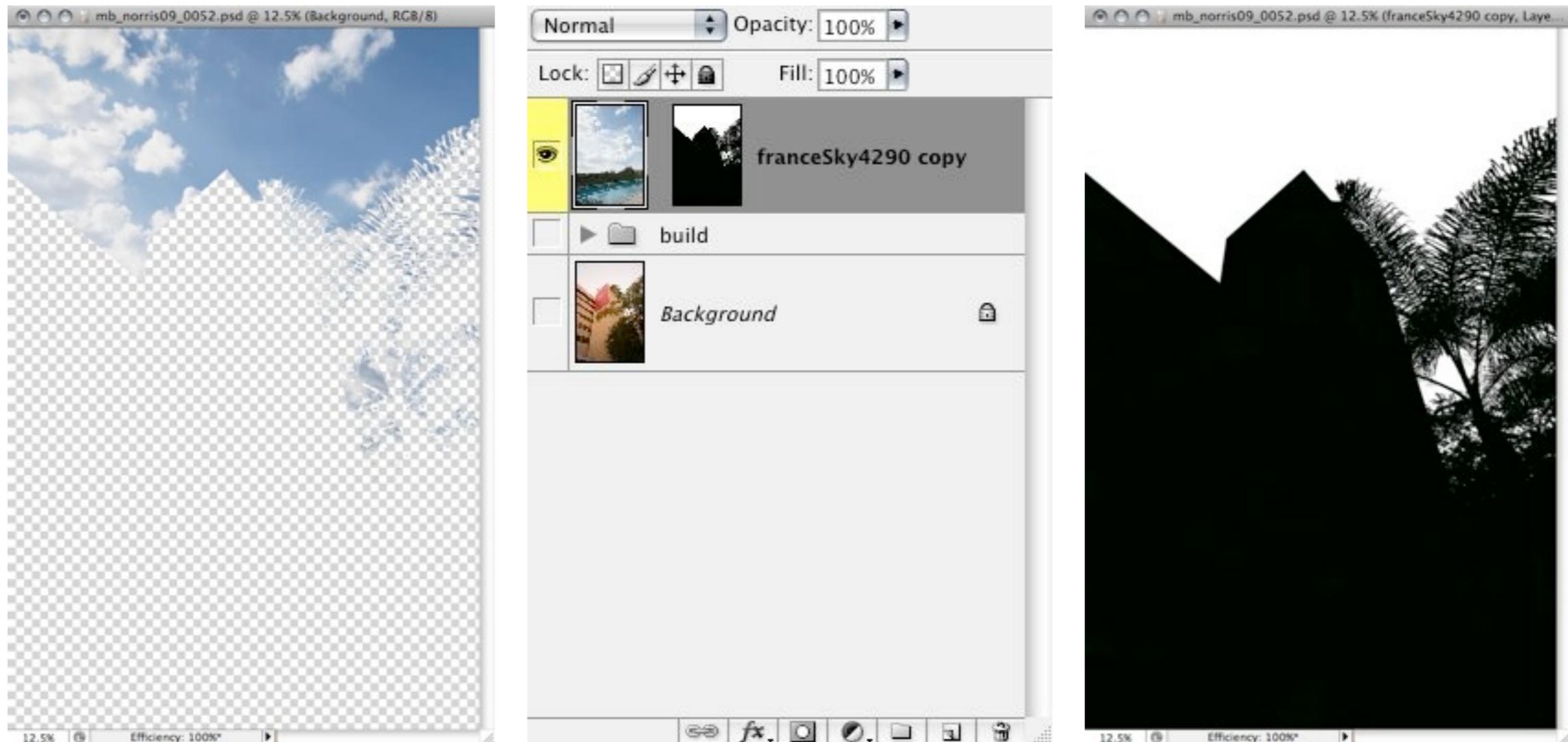
“WHITE REVEALS / BLACK CONCEALS”



WHITE area of the mask reveals the new sky layer in just those areas.

INTRODUCTION TO MASKING

“WHITE REVEALS / BLACK CONCEALS”



Turn off lower layers to see the effect of the layer mask on the sky layer.

GRAPHICS TABLET & PEN

ALTERNATIVE INPUT DEVICE TO A MOUSE (an ON/OFF switch)

ERGONOMIC DEVICE can reduce repetitive strain injuries

INTUITIVE DRAWING MOTIONS make work more organic

PRESSURE-SENSITIVE PEN adds precision to mask painting by controlling line thickness, transparency and/or color

CAN BE USED INTERCHANGEABLY with your mouse



SAVE YOUR MASTER FILE

**ALWAYS SAVE YOUR LAYERED MASTER FILE
AS A PHOTOSHOP FILE (.psd) OR LAYERED .tif**

1. PRESERVE THE LAYERED ELEMENTS OF YOUR NON-DESTRUCTIVE BUILD WORKFLOW
2. ALLOW YOU TO FIND YOUR FINAL VERSION(S) OF THE IMAGE IN ONE PLACE, IN ONE FILE.
3. PROVIDE A HI-RES MASTER FILE FROM WHICH YOU CAN CREATE OTHER FILES FOR SPECIFIC USE:
 - a) AT A SPECIFIC IMAGE SIZE AND RESOLUTION FOR EMAIL DELIVERY OR WEB PRESENTATION
 - b) TO CREATE A FILE FOR PRINTING TO A SPECIFIC SIZE/RESOLUTION/COLORSPACE
 - c) TO CREATE A COMP LAYER FOR USE IN A PRINT TEMPLATE FILE

CALIBRATE YOUR MONITOR

CALIBRATE YOUR MONITOR

TODAY!