



OBSTACLES

**PAPI SHUTTER STORY BOARD
CONCEPT DRAWING**

SHUTTER STORY BOARDS ARE INSTALLED IN FRONT OF PAPI PROJECTORS.

WITH AN OBSERVER DOWN RANGE ON THE DESIRED SHADOW BOUNDARY. A SECOND INDIVIDUAL MOVING A CARDBOARD SHEET SIDE TO SIDE ON THE STORY BOARD WILL ALLOW OBSERVER TO IDENTIFY EXACT LOCATION FOR THE SHUTTER EDGES FOR ALL HORIZONTAL SHUTTER EDGES. THE VERTICAL SHUTTER EDGES SHOULD BLOCK ALL DIRECT LIGHT COMING FROM THE PAPI.

THE SHADOW BOUNDARY SHOULD BE OBSERVED FOR BOTH LENSES. IN THIS EXAMPLE THE PAPI LENS ON THE LEFT SIDE (RW SIDE) IS THE MOST CRITICAL TO OBSERVE. EACH PROJECTOR LENS WILL HAVE A DIFFERENT SHADOW BOUNDARY.

ONCE EDGES ARE DETERMINED VISUALLY WITH THE CARDBOARD SHEET, THE LOCATIONS OF THE CARDBOARD EDGES ARE TRANSFERRED TO THE STORY BOARD. NOW THE IDEAL LOCATION AND DIMENSIONS OF THE SHUTTER ARE RECORDED ON THE STORY BOARD. THE STORY BOARD IS USED NEXT TO ALIGN AND LOCATE THE COMPLETED SHUTTER.

THE SHUTTER SHOULD BE LOCATED AT LEAST 10 FEET AWAY FROM THE FRONT OF THE PAPI PROJECTOR.

CONCEPT DRAWING ONLY - NOT TO SCALE

PHILIP RAKOWSKI 8/21/2013