

A Change in Perspective Can Make a World of Difference



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Real-Estate Aerial Photography and Videography

- South Bay Estate and Building Lot Aerial Photography and Videography Challenges
- SBAP Estate Aerial Photography and Videography
 - Formats
- Aerial Photo and Video Process
- Aerial Photo and Video Post-Process
- Example of Products (for this property)
- Edward@SouthBayAerialPhotography.com



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South Bay Estate and Building Lot Aerial Photography and Videography Challenges

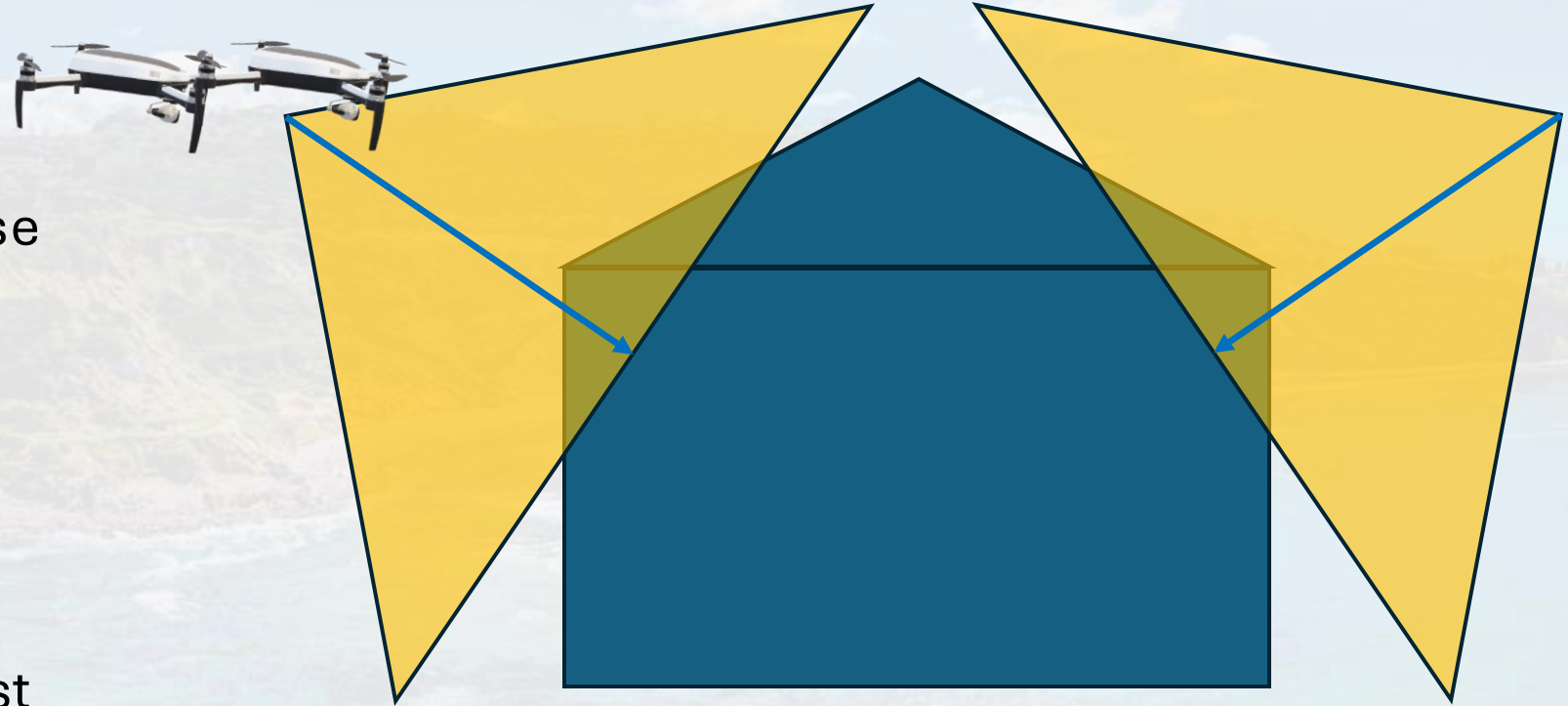
- Primary Challenge – Proximity of Other Homes, Power Lines, Obstacles that Either Prevent the Shot or Block the Path
 - We overcome this using using different angles and heights when filming and using obstacle removal during post processing
- Bright Sunlight – Often results in too white (oversaturation) on what is lit-up and shadows so dark that nothing is visible on what is not lit-up
 - We take photos using 5 Auto-Exposure Brackets and digital negative format to retain all data for additional post-processing to ensure proper exposure values
- Wind – Wind is Gusty from 11:30 on Everyday
 - We work early in the mornings and assure quick shutter speeds to overcome burring caused by wind or drone instabilities
- Haze and Smog – These exist and get worse throughout the day
 - Filming in the morning also minimizes the above impacts

SBAP Aerial Video and Photo Format

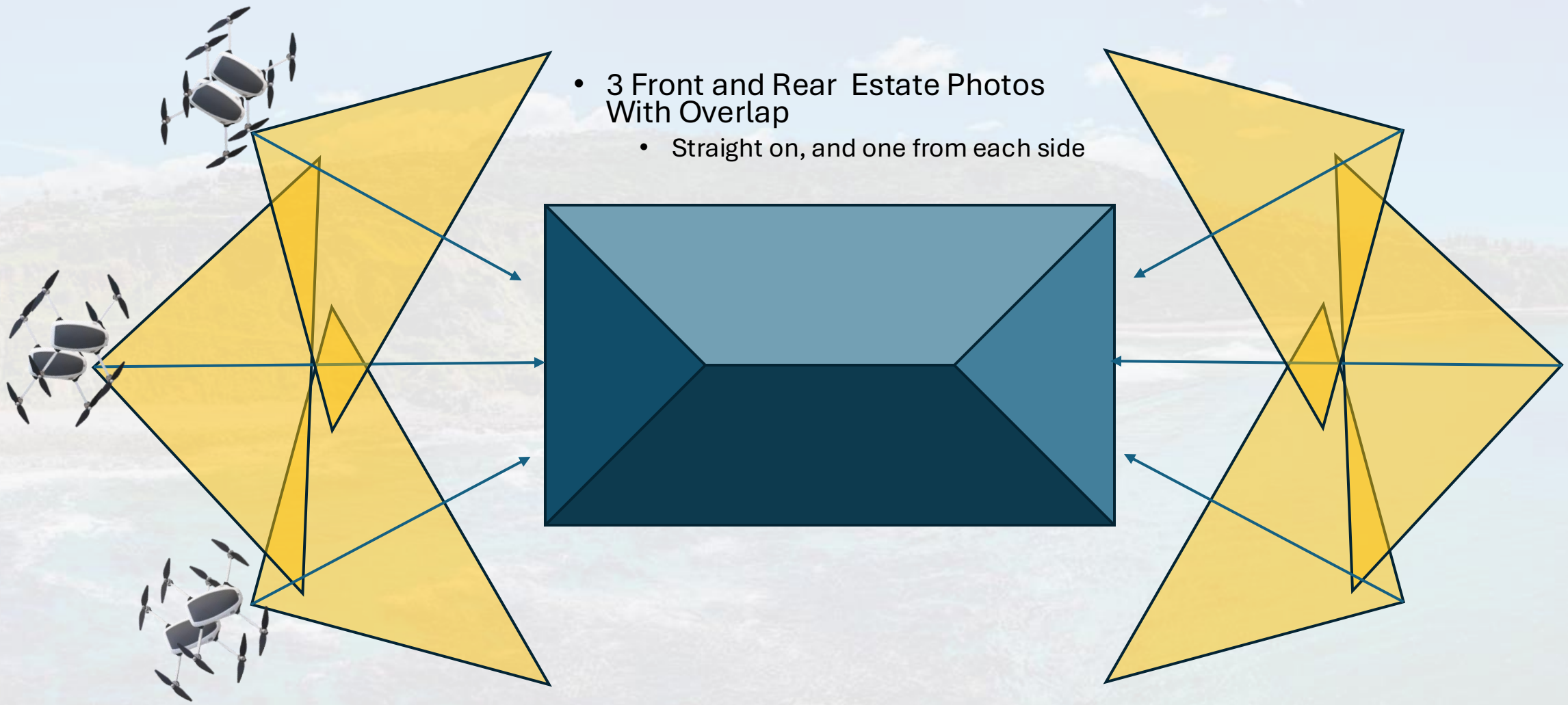
- Videos are 4K 60 fps, 16:9 Aspect Ratio, DLOG format
- Photos are 48 MP, 4:3 Aspect Ratio
 - Each completed Picture consists of 5 Photos are taken in AEB (automated exposure bracket)
- Unless Otherwise Requested

Aerial Photography and Videography Process

- Photos are typically concentrated on entryways, on the front and back of the home, with exceptions of course
- Three photos from the front and the back are taken
- The goal is to assure complete coverage with even margin on the top and bottom
- The drone is typically just above the beginning of the roof line



Looking Top Down Toward Home



- 3 Front and Rear Estate Photos With Overlap
 - Straight on, and one from each side

Photo Post-Processing (PPP) – Step 1- Combine 5 to 1

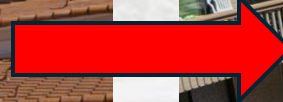


- Each Final HDR Pic starts with 5 High-Definition Auto Exposure Bracketed Photos



- All Photos are Aligned, De-Ghosted and combined for the Best Exposure

PPP- Step 2 – Enhancement and Debris Removal



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Photo Post-Processing – Step 3 – Blur

- We blur background objects which are not the subject of the photo



Photo Post-Processing – Step 4 – Sky-Replacement



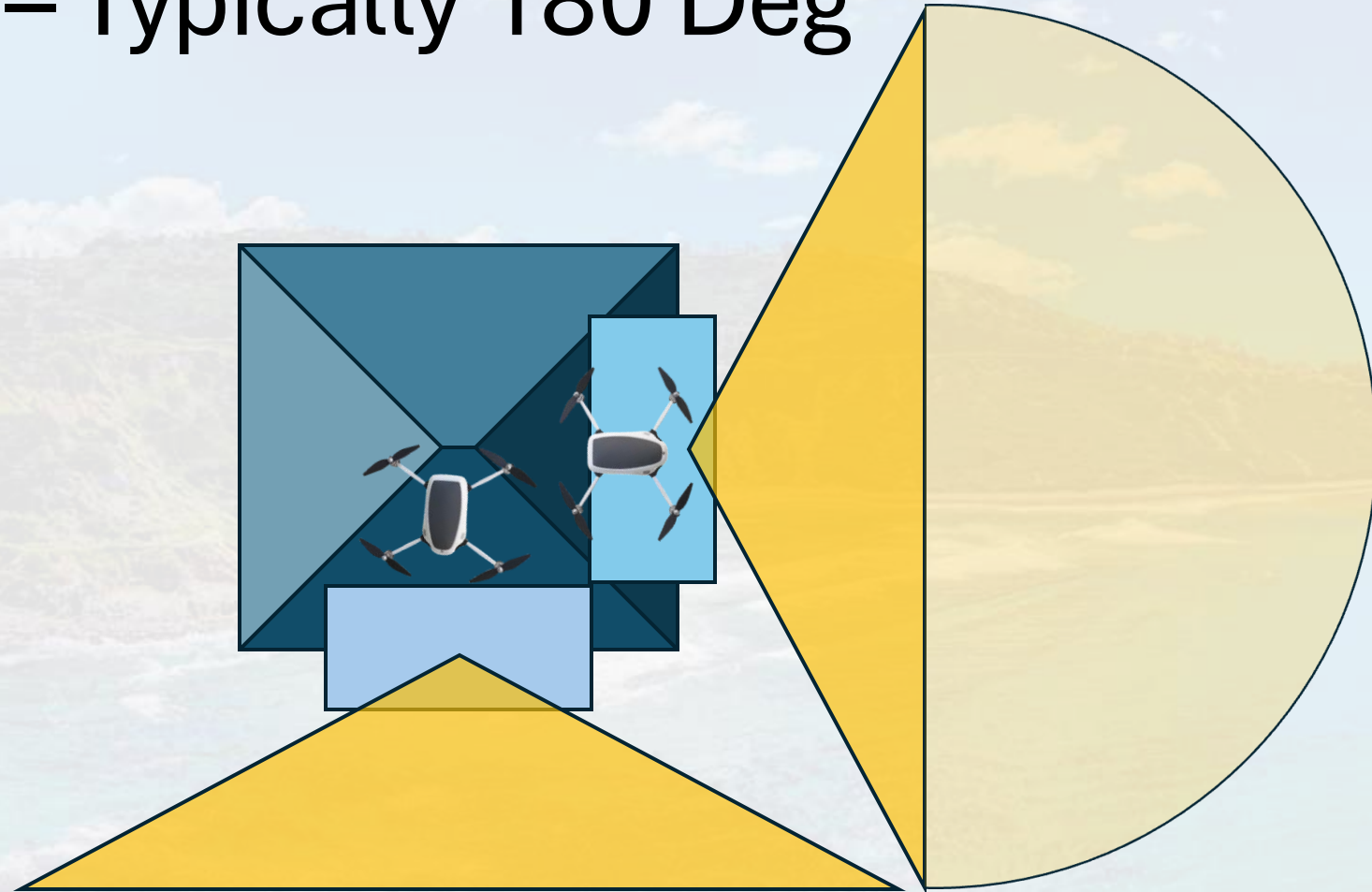
Final Product

- Note: This is my home, so I was overly conservative in staying away from my neighbors which resulted in the rear pics being taken at height
 - I fly here quite a bit, so I do try to be courteous to neighbors
- For a client we do what is necessary to get the proper view



Looking Outward from the Home Panoramas – Typically 180 Deg

- Performed for the entire home for the best view and from all balconies



Panoramas

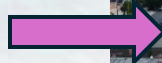
Front



Side – Looking East

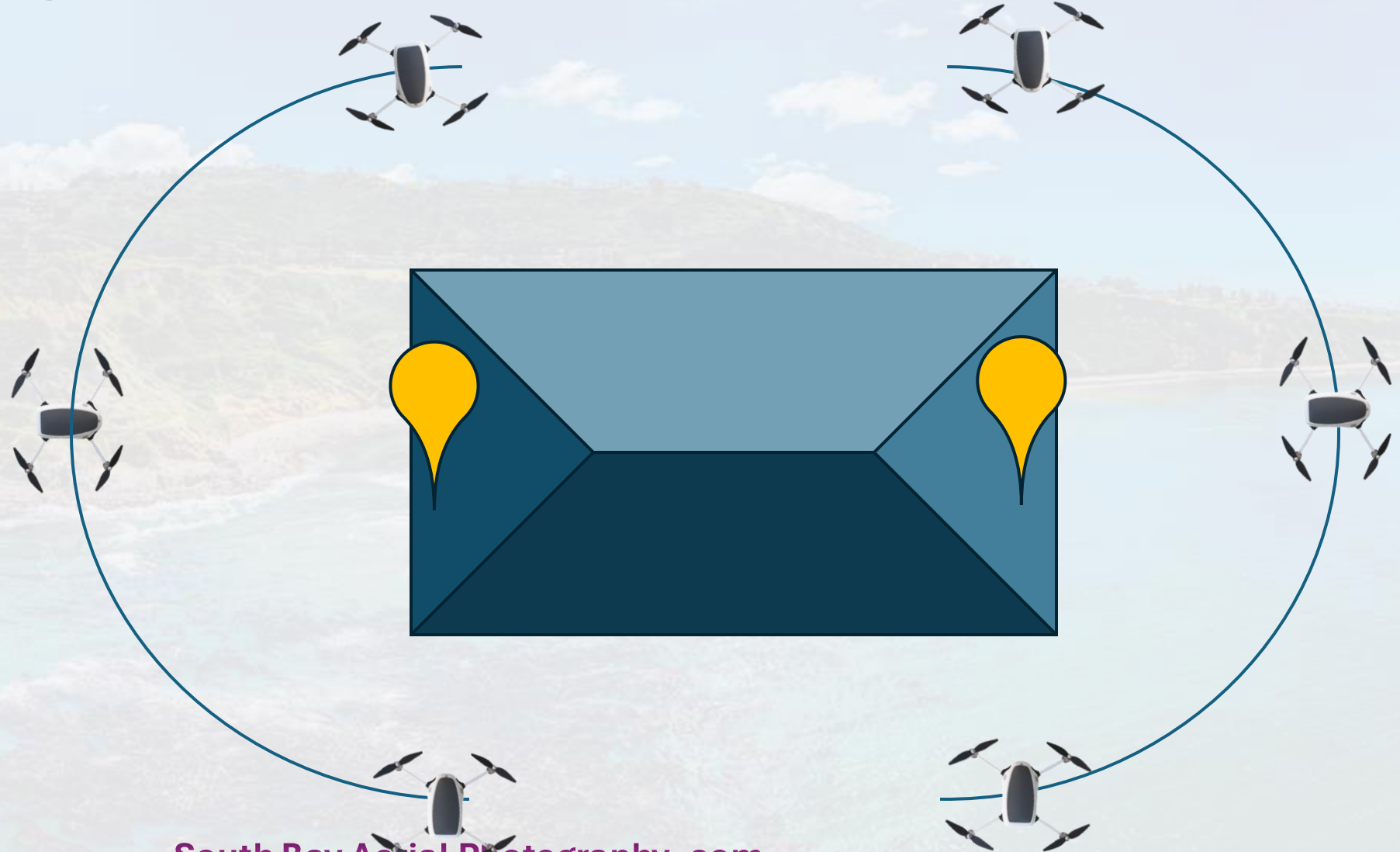


Back



Aerial Videography – Toward the Home

- A particular part of the home is referenced as a Point of Interest and both automated and manual controls are used to get the smoothest and best video of the the front and rear of the home
- The home and surrounding area are emphasized
- We shoot videos is 4K, 60 fps DLOG format



Video Post-Processing

- Several videos (3 to 5) featuring different views of the home, from several viewing angles are combined to create a ~ 1 minute video
- Fly-Ins and Vertigos are performed for the front and rear, while Asteroid and Fly-Arounds are used to provide a 360-degree view of the property
- The Property is emphasized, tracked, and enhanced while the background is blurred
- We can add beginning and ending videos that feature the surrounding area, as well as music, as is requested.
- Please watch the following example

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