#### Attachment 7

# Shadow Study and Cross Section of Villas III and San Joaquin Villas

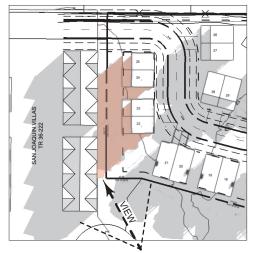
**Revised as of 5/9/2022** 

Prevsion version can be found here: https://www.townofmammothlakes.ca.gov/DocumentCenter/View/12098/VILLAS-3-AT-OBSIDIAN-SUN-STUDIES-previous-version

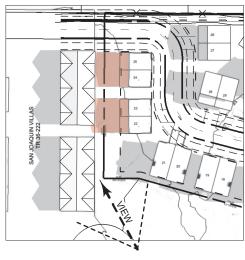


#### SHADOW STUDY OF VILLAS 3 AT OBSIDIAN, LOTS 22-25, @ SAN JOAQUIN VILLAS WINTER SOLSTICE, DECEMBER 21ST

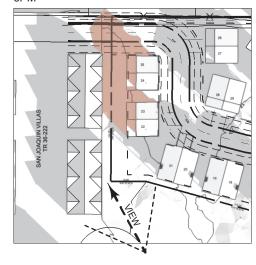
9AM

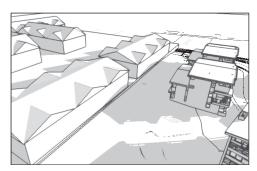


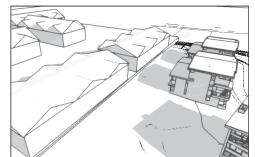


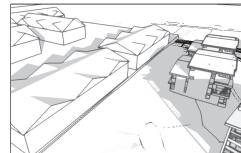


3РМ











## SHADOW STUDY OF VILLAS 3 AT OBSIDIAN, LOTS 22-25, @ SAN JOAQUIN VILLAS SUMMER SOLSTICE, JUNE 21ST

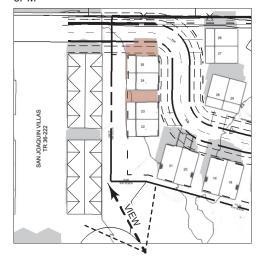
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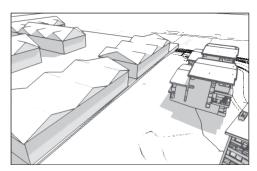


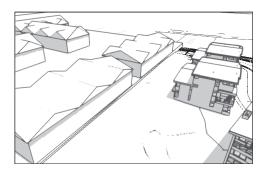


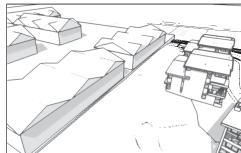


3РМ





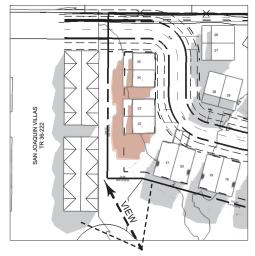




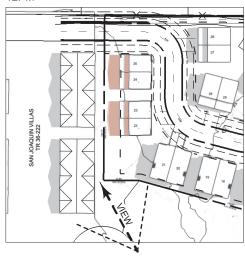


## SHADOW STUDY OF VILLAS 3 AT OBSIDIAN, LOTS 22-25, @ SAN JOAQUIN VILLAS EQUINOX, MARCH 20TH / SEPTEMBER 22ND

9AM

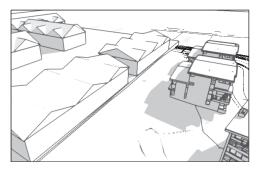


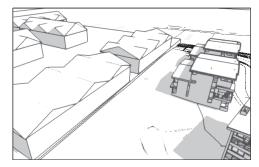


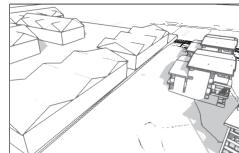


3РМ











#### CROSS SECTION STUDY OF VILLAS 3 AT OBSIDIAN, LOTS 22-25, @ SAN JOAQUIN VILLAS

