

# TD BIRDSEYE



AERIAL ROOF SURVEY

11 JUNE 2022

Williamsburg, Va 23185

UAS Model: DJI Mavic 2 Pro

1) Weather Conditions

- a. Sky - Partly Cloudy
- b. Wind - 5 mph out of the South
- c. Temp - 83 degrees F

2) Automated Flight Plan



**Mission Plan**

Default Center Latitude	37.2639510
Default Center Longitude	-76.6743279
Notes	Click to edit
Flight Altitude	29.7 m
Along Track Overlap	5%
Across Track Overlap	80%
Imaging Mode	Active Connect
Max Battery Time	17.00 min
Max Speed	2.46 m/s
Ground Offset	0.00 m
Number of Passes	0
Mission Type	Normal

**Missions**

- 3) Roof Type
  - a. Combination (Gable/Flat)
- 4) Roof Overlayment Material
  - a. Shingle and Tar Paper
- 5) Orthomosaic



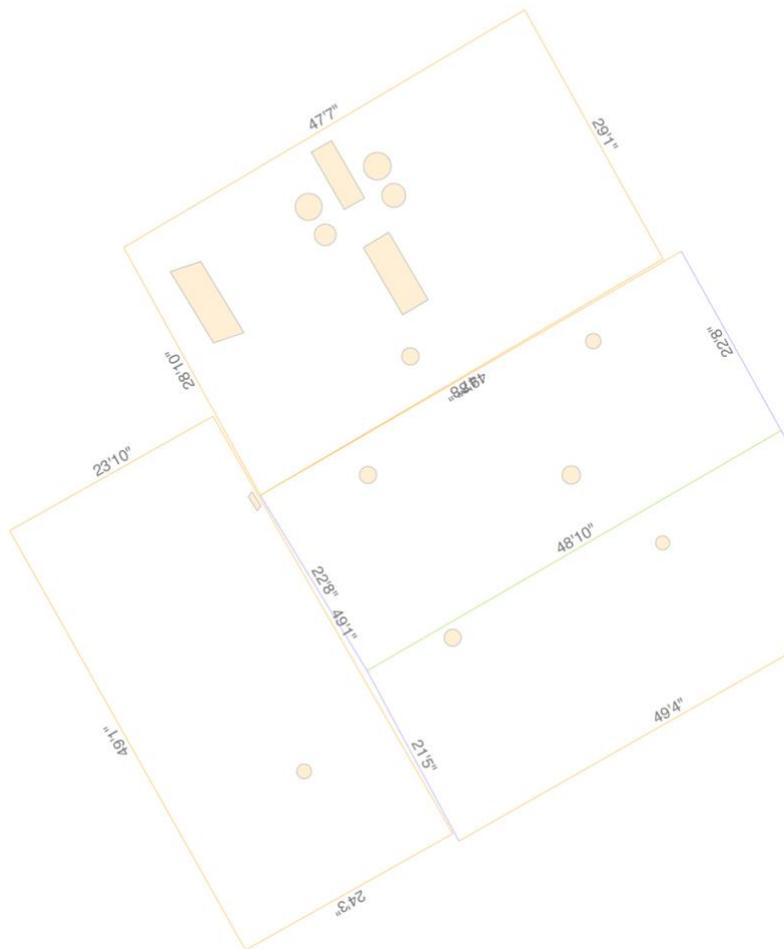
## 6) Diagram/Measurements

<p><b>Ridge</b> 48' 10"</p> <p><b>Rake</b> 88' 7"</p> <p><b>Eave</b> 398' 5"</p>	<p><b>Total Area</b> 4630.05 ft<sup>2</sup></p> <p><b>Waste Factors</b> 10% : 463.01 15% : 694.51 20% : 926.01</p>	<p><b>Area 1 Pitch 0/12</b> 2 Slopes, 2465.43 ft<sup>2</sup></p> <p><b>Area 2 Pitch 5/12</b> 2 Slopes, 2164.62 ft<sup>2</sup></p>
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**Ridge**  
48' 10"

**Eave**  
398' 5"

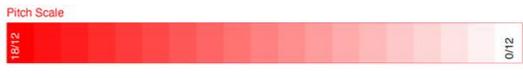
**Rake**  
88' 7"



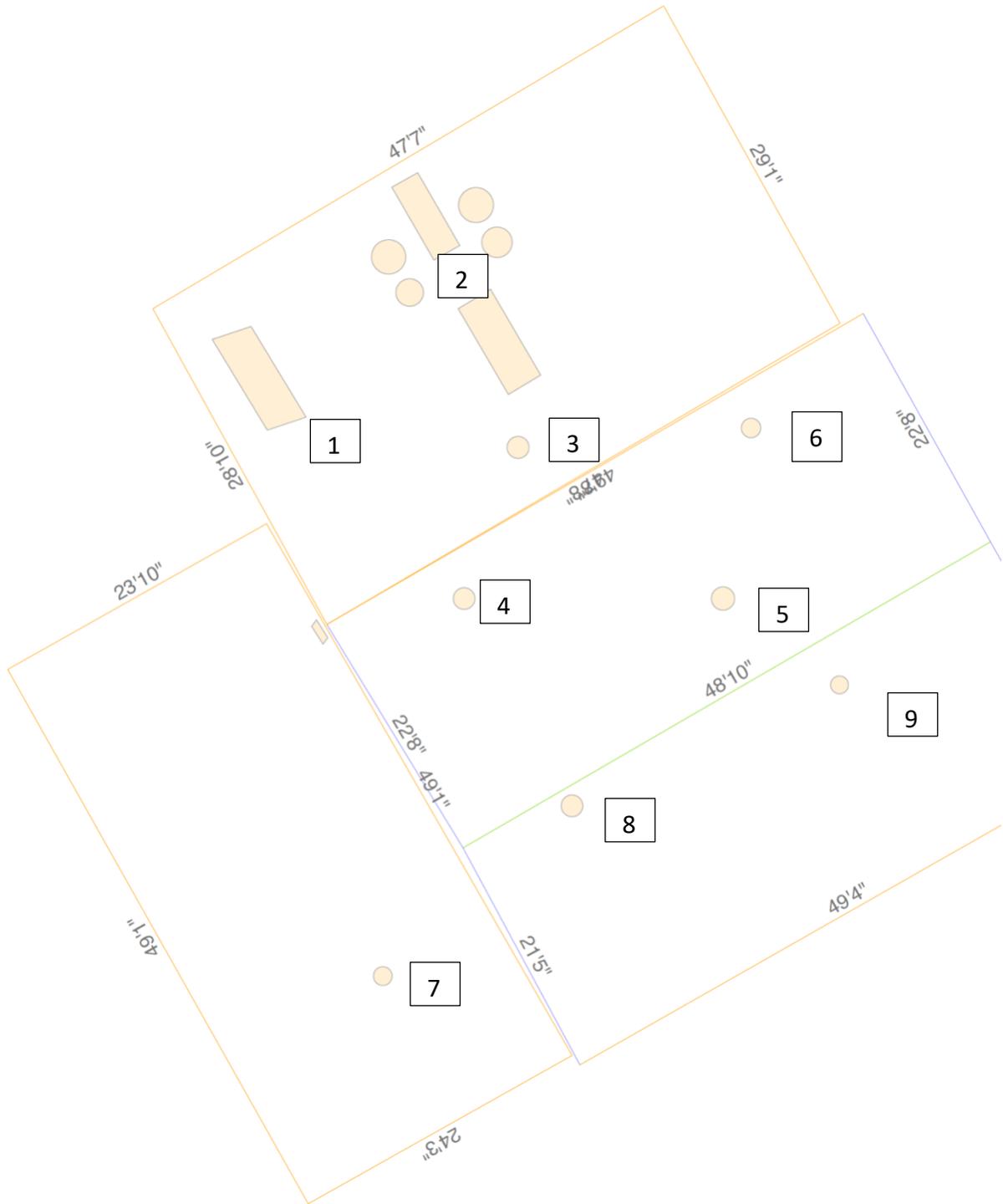
Total Area	Area	Pitch	Slopes	Sq Ft	Area	Pitch	Slopes	Sq Ft
4630.05 ft <sup>2</sup>	1	0/12	2	2465.43	2	5/12	2	2164.62



## 7) Roof Pitch



## 8) Roof Obstructions



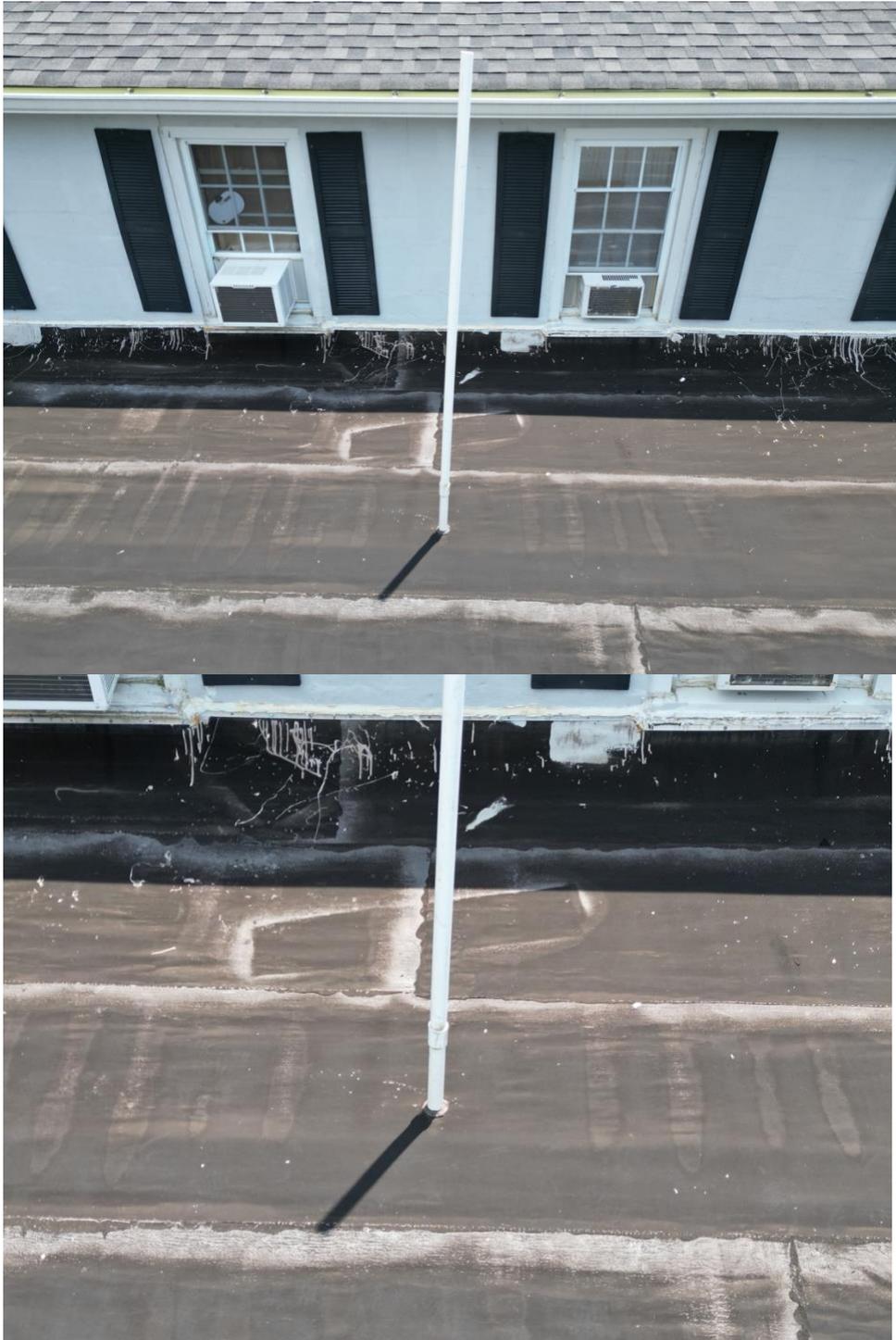
1)



2)



3)



4)



5)



6)



7)



8)



9)



## 9) Roof Damage/Wear

#7 Vent sealant



Sealant looks fairly new. Should be monitored/inspected annually for dry rot/cracks to prevent moisture intrusion.

This report was generated by Corey Reeves of OTD BirdsEye. Any questions can be emailed to [corey@otdbirdseye.com](mailto:corey@otdbirdseye.com) or call 757-603-3848.