

SITE INFORMATION	Morning	Mid-Day	Late Afternoon
Site Name: Mansion House			
Location: Public Landing, MD			
Date:	3/21/2023	3/29/2016	3/21/2023
Time:	8:23 AM	1:21 PM	5:47 PM
Coordinates (Lat/Lon WGS84): 38.148, -75.286			
Landscape Zone: Developed, Medium Intensity			

VIEW AND CAMERA DETAILS	Morning	Mid-Day	Late Afternoon
Direction of View:	64.5°	64.5°	64.5°
Ground Elevation (ft msl):	0.1	0.1	0.1
Camera/Viewing Elevation (ft msl):	5.1	5.1	5.1
Camera Used for Simulation Photography:	Nikon D750	Nikon D810	Nikon D750
Camera Lens Focal Length:	50 mm	50 mm	50 mm
Photo Resolution:	1200	1200	1200
Horizontal Field of View (Panoramas):		124°	
Horizontal Field of View (Single Frame 50 mm Lens):	39.6°		39.6°

ENVIRONMENT	Morning	Mid-Day	Late Afternoon
Weather Conditions:	Clear	Some clouds	Some clouds
Temperature:	30° F	58° F	54° F
Humidity:	91%	32%	37%
Lighting Conditions:	Fair	Fair	Sunny, haze
Visibility:	10 Miles	10 Miles	10 Miles

DEVELOPMENT DETAILS
Total Number of Turbines: 121
Total Number of Offshore Substations: 4
Number of Turbines Visible: 121
Number of Offshore Substations Visible: 1
Turbine Output: Approximately 18MW
Turbine Maximum Blade Height: 938 ft
Turbine Rotor Diameter: 820 ft
Distance to Nearest Turbine (Statute Miles)*: 26.2
Distance to Farthest Visible Turbine (Statute Miles)*: 37.7
Nearest Turbine Visible Height (ft, %): 624.0 ft, 67%
Farthest Turbine Visible Height (ft, %): 242.5 ft, 26%

SHEET INDEX AND VIEWING INSTRUCTIONS
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Sheet 3 – Existing Conditions Panorama View, Mid-Day (1:21 PM)
Sheet 4 – Panorama View With Simulation, Mid-Day (1:21 PM)
Sheet 5 – Single Frame (50-mm Lens) Simulation, Morning (8:23 AM)
Sheet 6 – Single Frame (50-mm Lens) Simulation, Late Afternoon (5:47 PM)

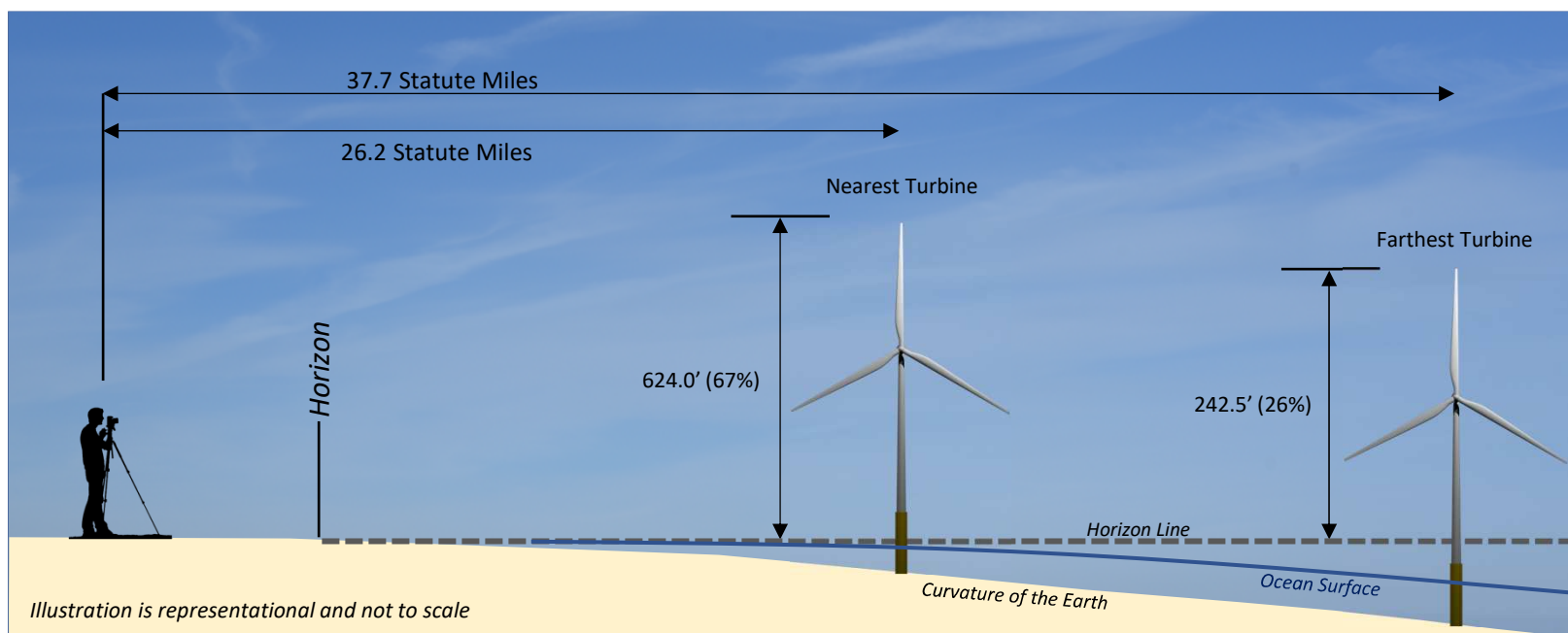
**Panorama Viewing Instructions:**  
 To approximate the field of view represented by a 14.5" panorama it should be printed on an 11" x 17" sheet of paper and viewed from 7 inches away<sup>1</sup>. If viewed in a digital format (i.e. on screen) then similar size and distance should be used.

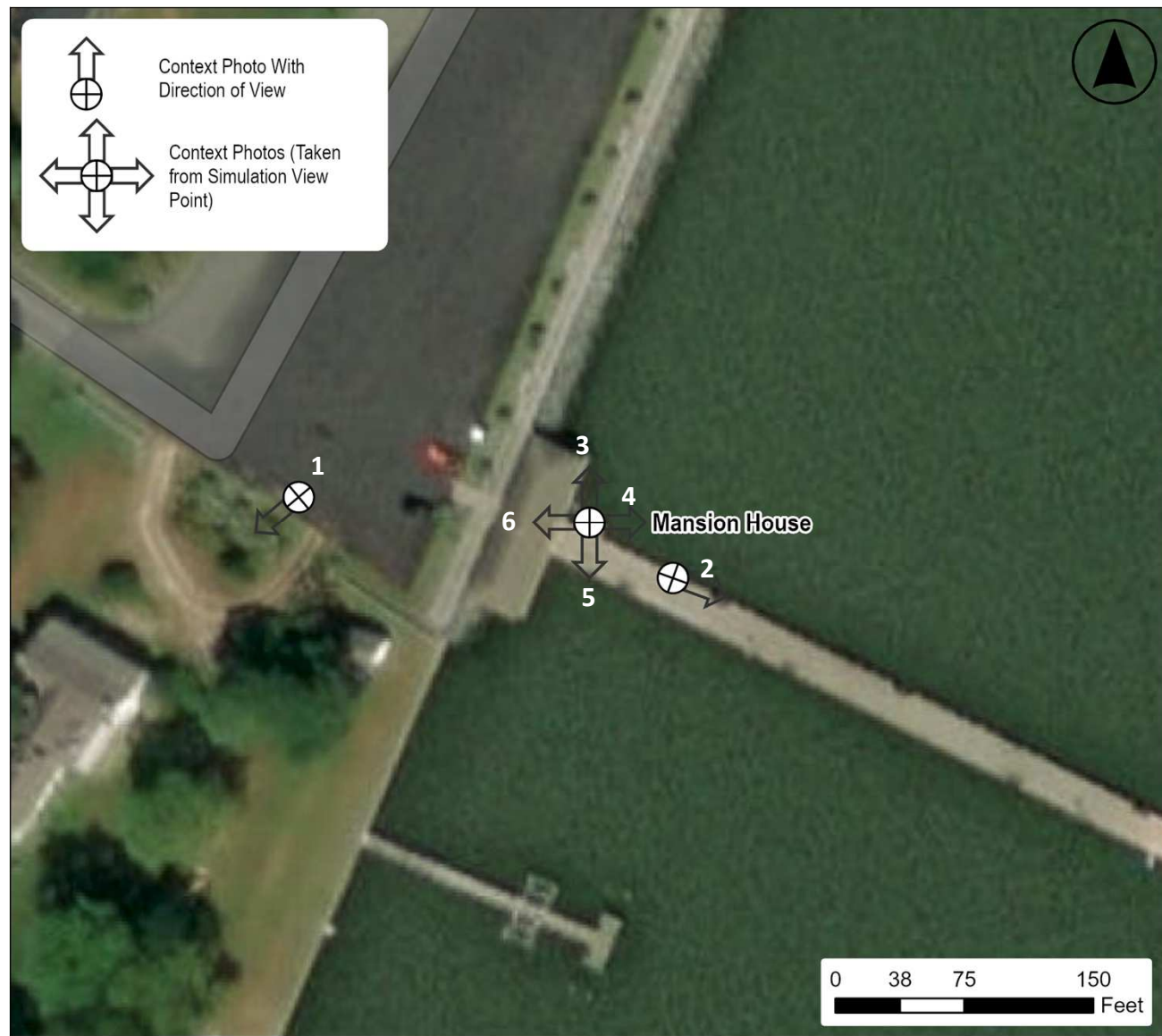
**Single Frame Viewing Instructions:**  
 The viewing distance for a 14.5" single frame simulation captured with a 50-mm lens is 21 inches.

In all cases care must be taken to not over or underrepresent the visual contrasts<sup>2</sup>. Typical binocular human field of view is assumed to be 124-degrees horizontal and 55-degrees vertical.

<sup>1</sup> "The Best Paper Format and Viewing Distance to Represent the Scope and Scale of Visual Impacts", Journal of Landscape Architecture, 4-2019, pp. 142-151, J. Palmer

<sup>2</sup> Sheppard, S. 1989. Visual Simulation: A User's Guide for Architects, Engineers, and Planners. New York: Van Nostrand Reinhold.



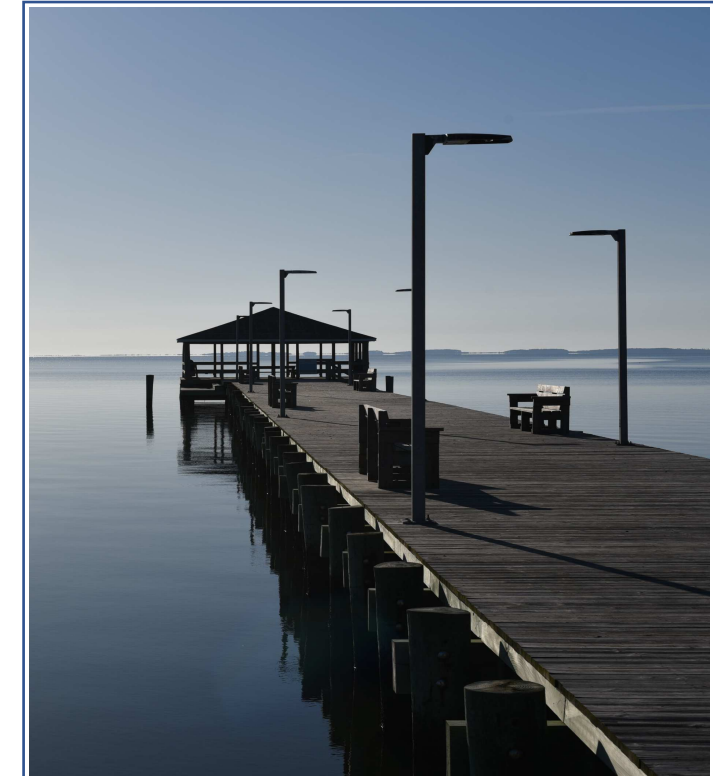


**Mansion House**

This view from Mansion House in Maryland is southwest of the nearest proposed WTG location 22.6 miles away. Visitors spend time at the bed and breakfast as well as boating in the nearshore area (i.e., kayaking, motorboating), or fishing along the shoreline. The foreground of this view to the northeast (toward the PDE) is comprised of a pier into Chincoteague Bay with Assateague Island on the horizon.



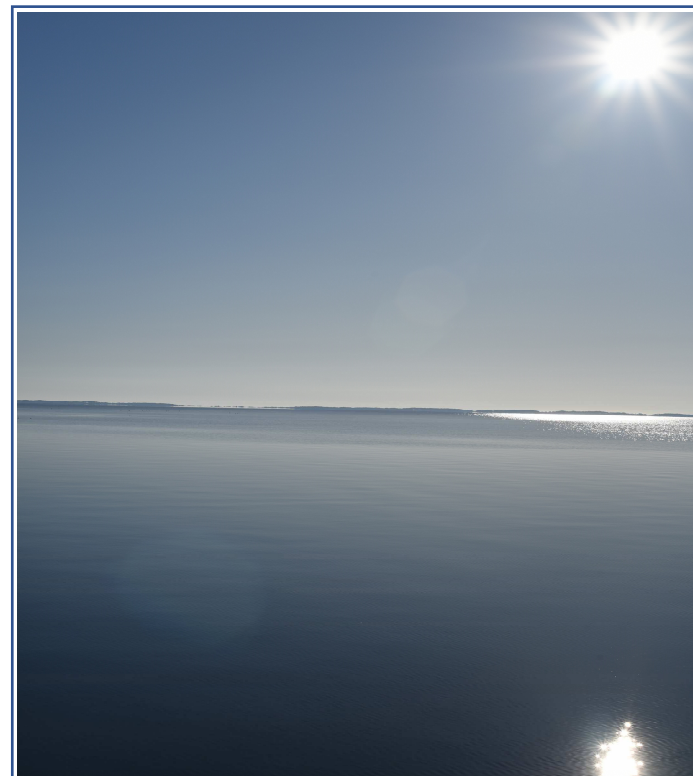
#1 Context Photo, 03/21/2023 8:30 AM  
A view of the Mansion House bed and breakfast, taken from the public parking lot.



#2 Context Photo, 03/21/2023 8:30 AM  
A view of the pier at Public Landing Wharf Road, facing south-east.



#3 Viewing North, 03/21/2023 8:30 AM



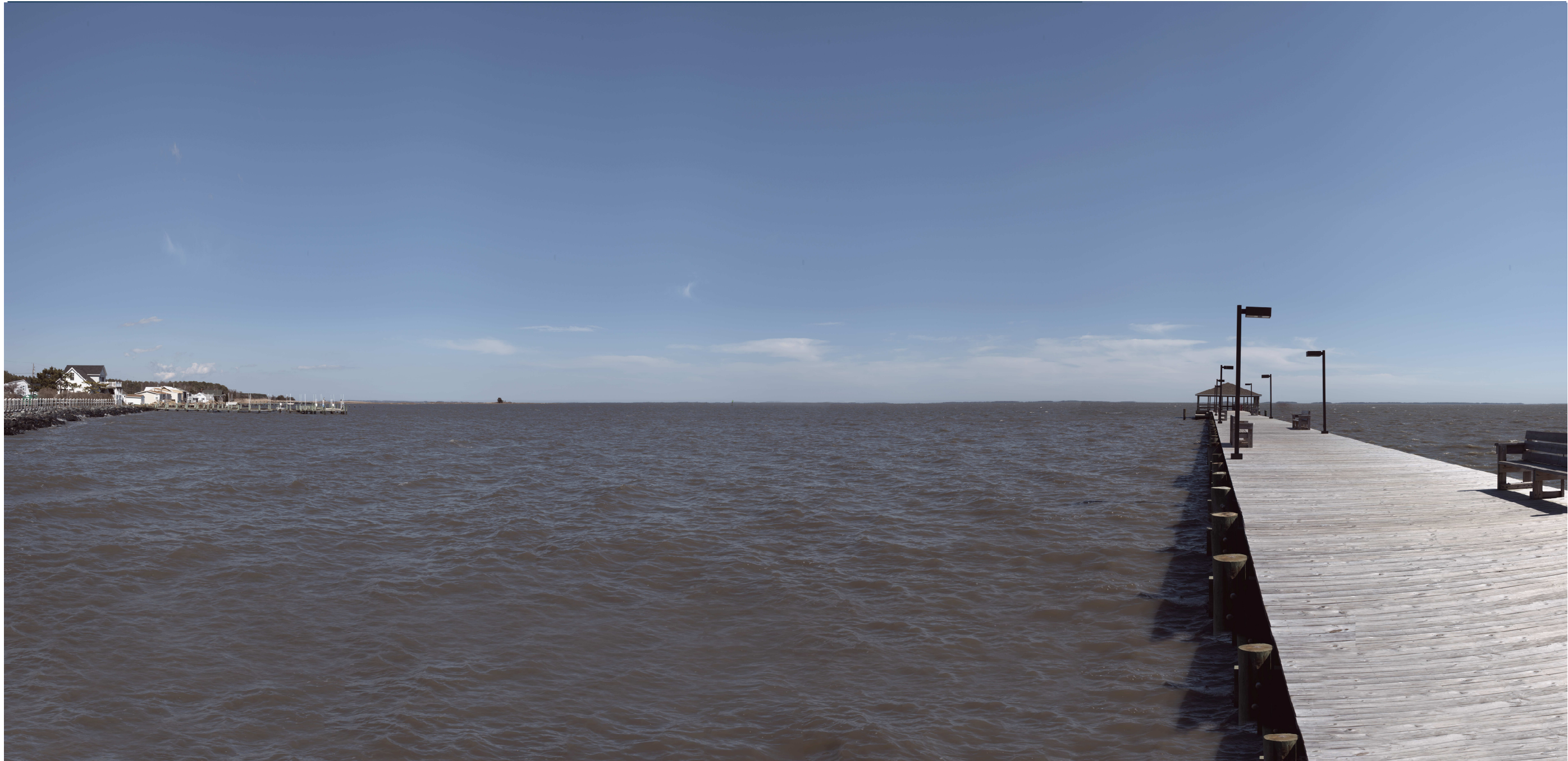
#4 Viewing East, 03/21/2023 8:30 AM



#5 Viewing South, 03/21/2023 8:30 AM



#6 Viewing West, 03/21/2023 8:30 AM



**4. MANSION HOUSE, MARYLAND  
EXISTING CONDITIONS PANORAMA VIEW, MID-DAY (1:21 PM)**

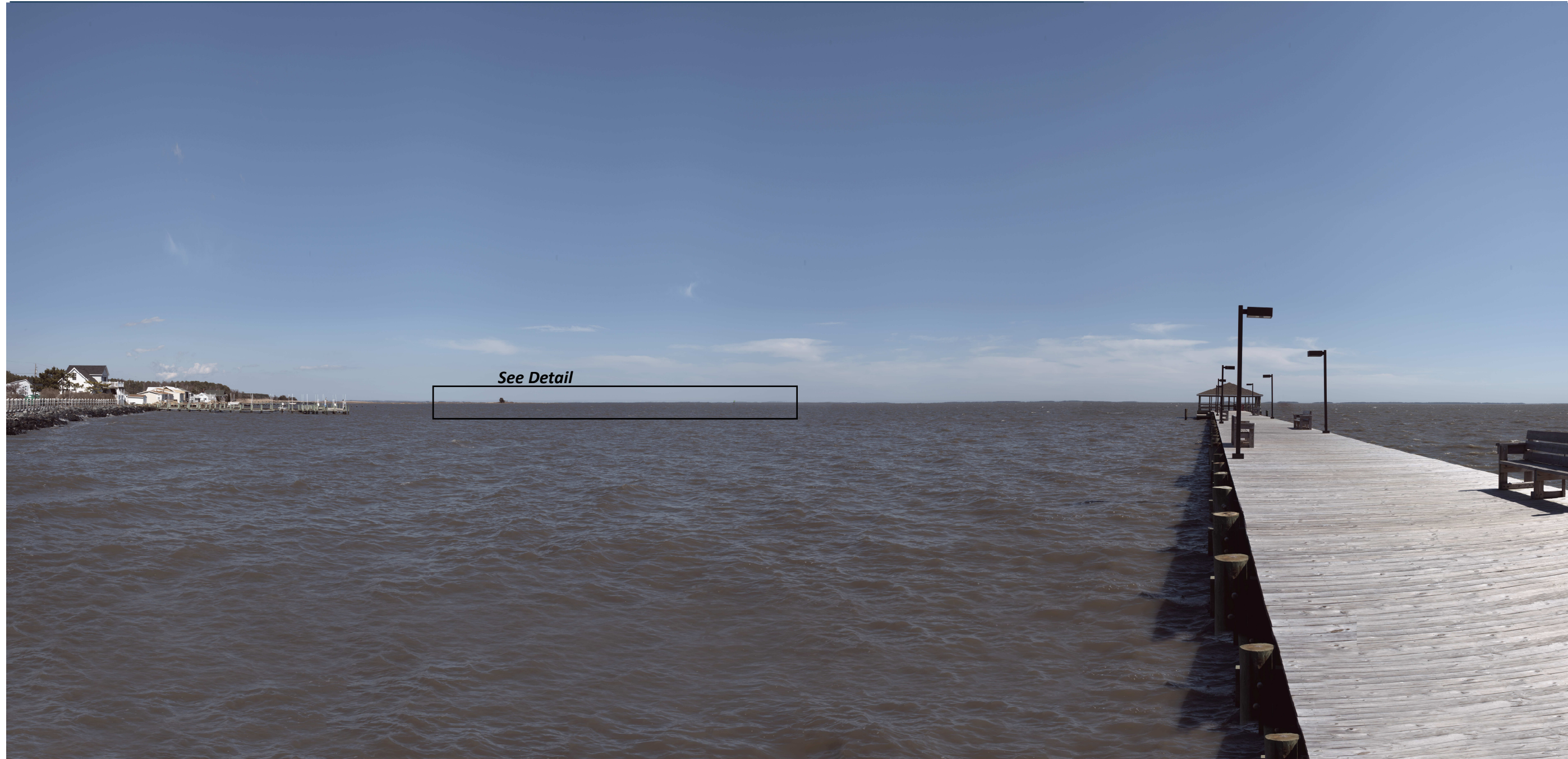
Maryland Offshore Wind Project Visual Impact Assessment Simulations

**Sheet 3**



VIEWING INSTRUCTIONS: To approximate the field of view represented by a 14.5" panorama it should be printed on an 11" x 17" sheet of paper and viewed from 7 inches away<sup>1</sup>. If viewed in a digital format (i.e. on screen) then similar size and distance should be used. In all cases care must be taken to not over or underrepresent the visual contrasts<sup>2</sup>. Typical binocular human field of view is assumed to be 124-degrees horizontal and 55-degrees vertical. See Sheet 1 for citations.

Detail



**4. MANSION HOUSE, MARYLAND**  
**PANORAMA VIEW WITH SIMULATION, MID-DAY (1:21 PM)**

Maryland Offshore Wind Project Visual Impact Assessment Simulations

**Sheet 4**

VIEWING INSTRUCTIONS: To approximate the field of view represented by a 14.5" panorama it should be printed on an 11" x 17" sheet of paper and viewed from 7 inches away<sup>1</sup>. If viewed in a digital format (i.e. on screen) then similar size and distance should be used. In all cases care must be taken to not over or underrepresent the visual contrasts<sup>2</sup>. Typical binocular human field of view is assumed to be 124-degrees horizontal and 55-degrees vertical. See Sheet 1 for citations.





VIEWING INSTRUCTIONS: To approximate the field of view represented by a 14.5" single frame simulation captured with a 50-mm lens it should be printed on an 11" x 17" sheet of paper and viewed from 21 inches away<sup>1</sup>. If viewed in a digital format (i.e. on screen) then similar size and distance should be used. In all cases care must be taken to not over or under represent the visual contrasts<sup>2</sup>. See Sheet 1 for citations.

**4. MANSION HOUSE, MARYLAND  
SINGLE FRAME (50-mm LENS) SIMULATION, MORNING (8:23 AM)**

Maryland Offshore Wind Project Visual Impact Assessment Simulations

**Sheet 5**





VIEWING INSTRUCTIONS: To approximate the field of view represented by a 14.5" single frame simulation captured with a 50-mm lens it should be printed on an 11" x 17" sheet of paper and viewed from 21 inches away<sup>1</sup>. If viewed in a digital format (i.e. on screen) then similar size and distance should be used. In all cases care must be taken to not over or under represent the visual contrasts<sup>2</sup>. See Sheet 1 for citations.

**4. MANSION HOUSE, MARYLAND  
SINGLE FRAME (50-mm LENS) SIMULATION, LATE AFTERNOON (5:47 PM)**

Maryland Offshore Wind Project Visual Impact Assessment Simulations

**Sheet 6**

