

SITE INFORMATION

Site Name: Wildwood Boardwalk	Morning	Mid-Day	Late Afternoon
Location: Wildwood, NJ			
Date:	3/25/2023	3/26/2023	3/25/2023
Time:	9:59 AM	1:34 PM	6:20 PM
Coordinates (Lat/Lon WGS84): 38.980, -74.818			
Landscape Zone: Developed, Medium Intensity			

VIEW AND CAMERA DETAILS

Direction of View:	176.4°	176.4°	176.4°
Ground Elevation (ft msl):	6.5	6.5	6.5
Camera/Viewing Elevation (ft msl):	11.5	11.5	11.5
Camera Used for Simulation Photography:	Nikon D750	Nikon D750	Nikon D850
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

Weather Conditions:	Clear, sunny	Clear, sunny	Partly cloudy
Temperature:	51 F	56 F	61 F
Humidity:	73%	41%	96%
Lighting Conditions:	Clear	Clear	Overcast, sunny
Visibility:	10 Miles	10 Miles	7 Miles

DEVELOPMENT DETAILS

Total Number of Turbines: 121
 Total Number of Offshore Substations: 4
 Number of Turbines Visible: 121
 Number of Offshore Substations Visible: 0
 Turbine Output: Approximately 18MW
 Turbine Maximum Blade Height: 938 ft
 Turbine Blade Length: 820 ft
 Distance to Nearest Turbine (Statute Miles)*: 36.4
 Distance to Farthest Visible Turbine (Statute Miles)*: 46.1
 Nearest Turbine Visible Height (ft, %): 345.4 ft, 37%
 Farthest Turbine Visible Height (ft, %): 0.3 ft, 0.03%

SHEET INDEX AND VIEWING INSTRUCTIONS

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- Sheet 2 – Context Photography
- Sheet 3 – Existing Conditions Panorama View, Late Afternoon (6:20 PM)
- Sheet 4 – Panorama View With Simulation, Late Afternoon (6:20 PM)
- Sheet 5 – Single Frame (50-mm Lens) Simulation, Morning (9:59 AM)
- Sheet 6 – Single Frame (50-mm Lens) Simulation, Mid-Day (1:34 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 away¹. 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 contrasts². Typical binocular human field of view is assumed to be 124-degrees horizontal and 55-degrees vertical.

¹ "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
² Sheppard, S. 1989. Visual Simulation: A User's Guide for Architects, Engineers, and Planners. New York: Van Nostrand Reinhold.

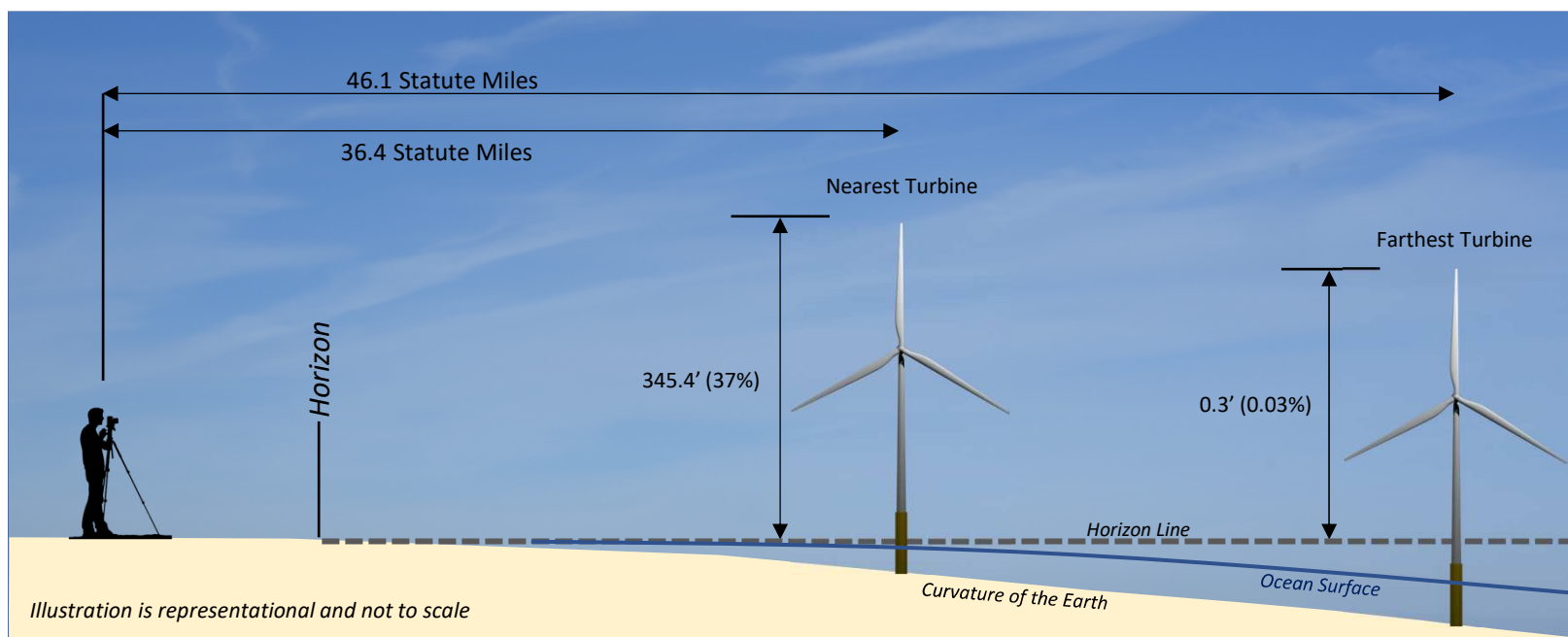
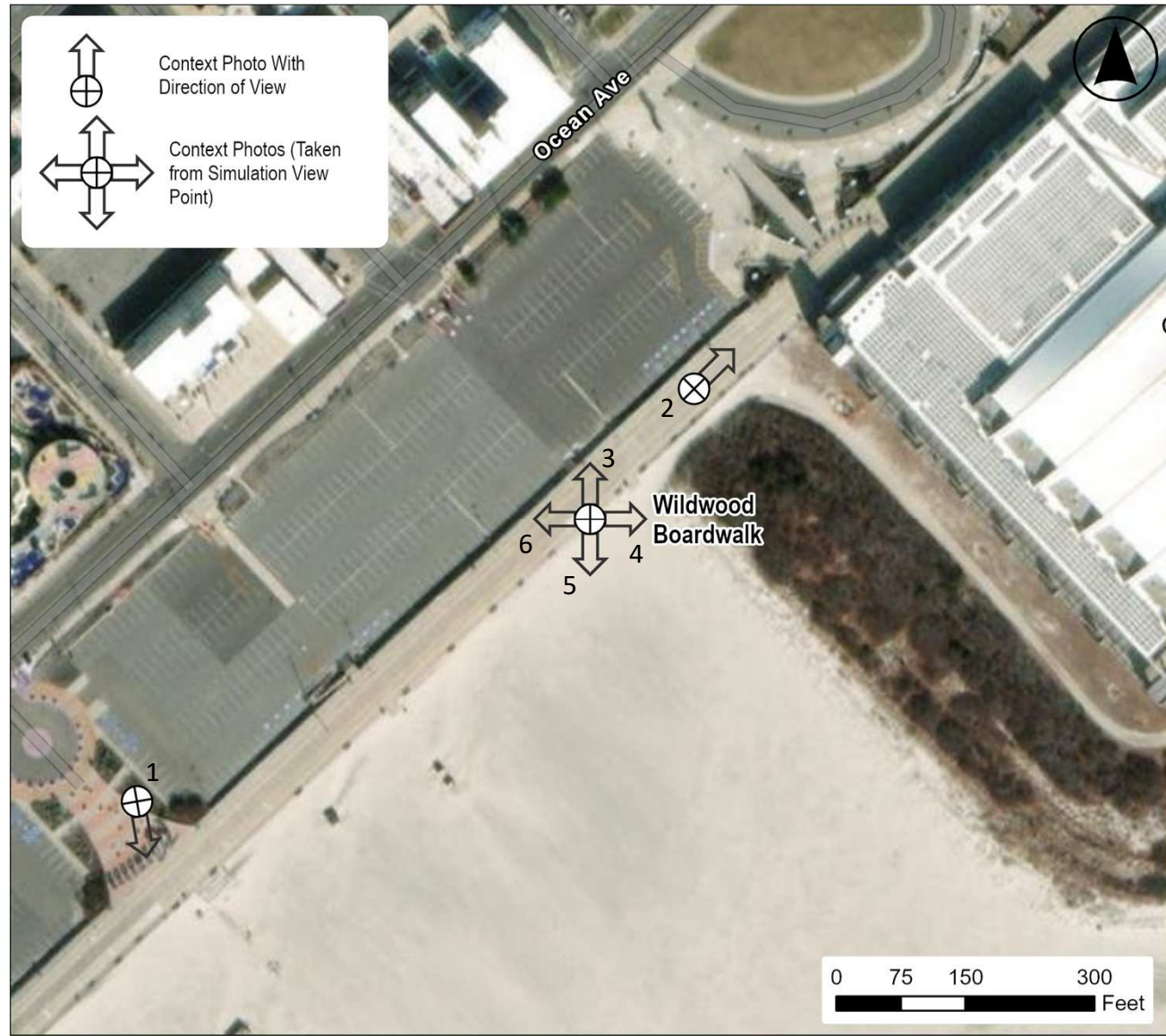


Illustration is representational and not to scale



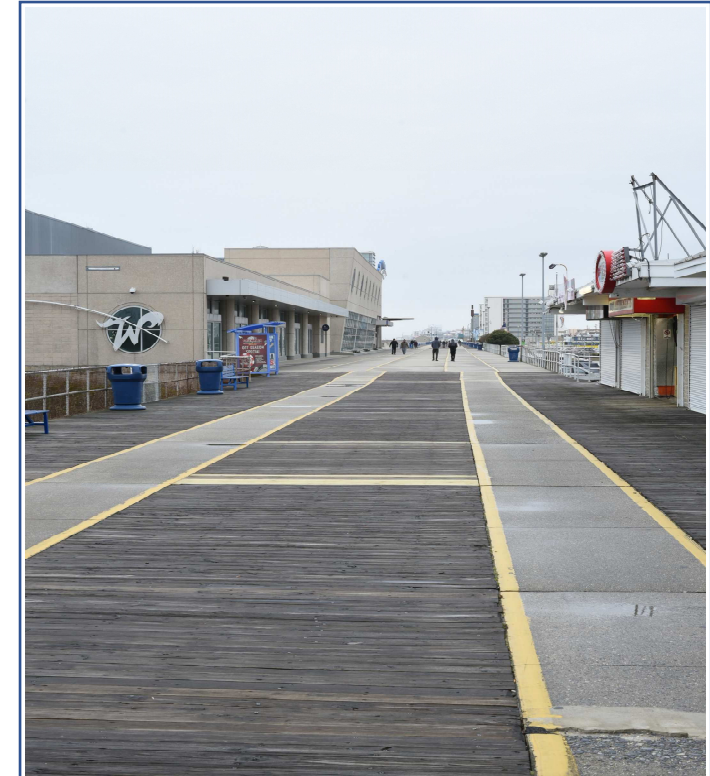


Wildwood Boardwalk

This view is from Wildwood near the boardwalk in New Jersey north of the nearest proposed WTG location. It is a popular recreation area/tourist destination that receives high visitation throughout the summer and fall. Visitors use the beach to lounge, go swimming, surfing, boating, or fishing.



#1 Context Photo, 03/25/2023 6:30 PM
A view of the Wildwoods sign, taken from the events parking lot.



#2 Context Photo, 03/25/2023 10:00 AM
A view of the boardwalk, facing roughly southwest.



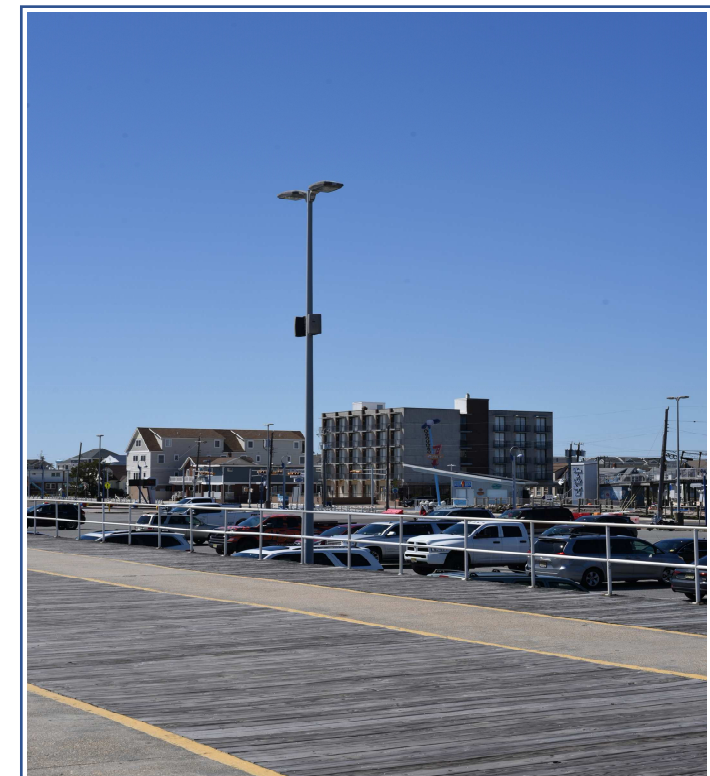
#3 Viewing North, 03/26/2023 1:30 PM



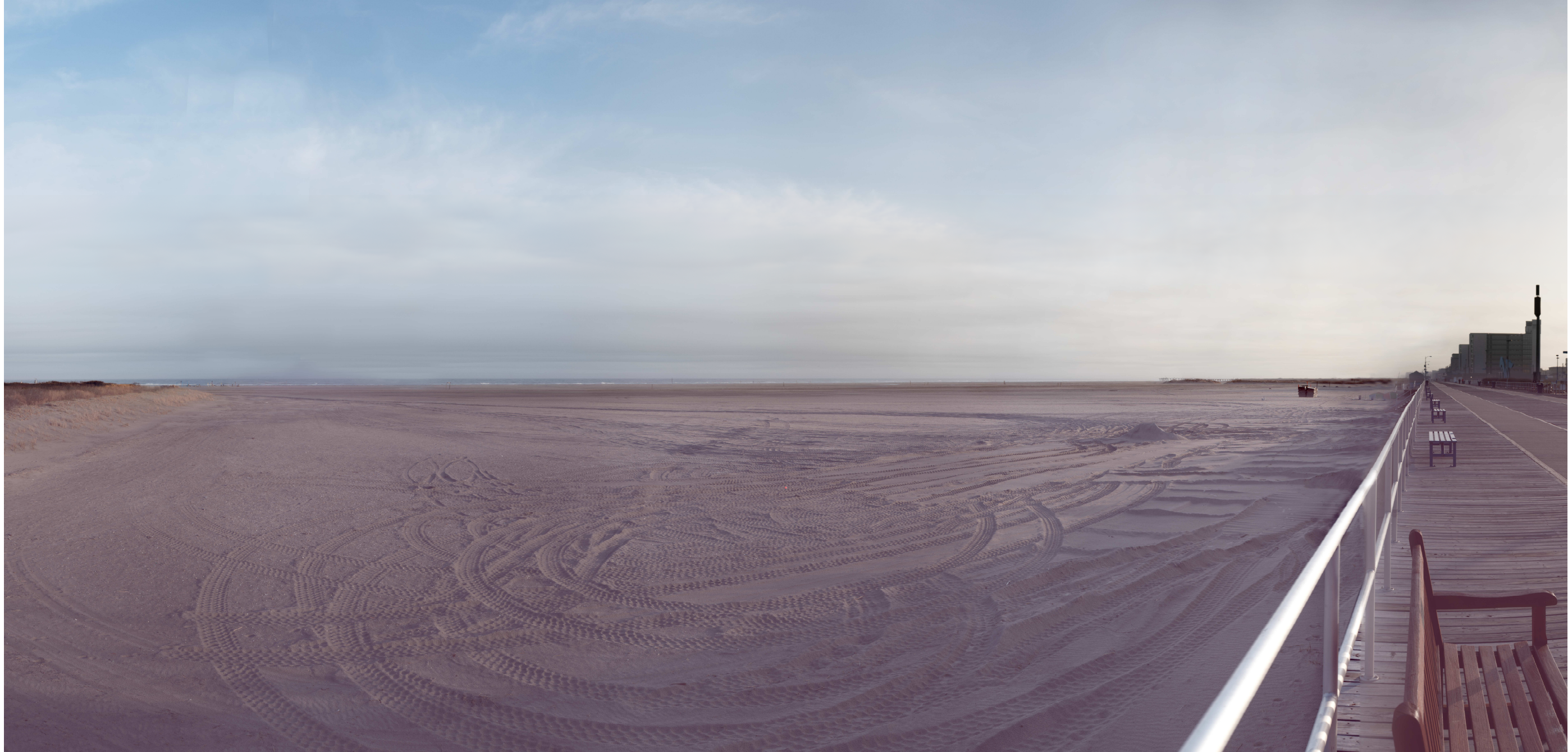
#4 Viewing East, 03/26/2023 1:30 PM



#5 Viewing South, 03/26/2023 1:30 PM



#6 Viewing West, 03/26/2023 1:30 PM



**23. WILDWOOD BOARDWALK, NEW JERSEY
EXISTING CONDITIONS PANORAMA VIEW, LATE AFTERNOON (6:20 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 away¹. 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 contrasts². Typical binocular human field of view is assumed to be 124-degrees horizontal and 55-degrees vertical. See Sheet 1 for citations.

Detail



**23. WILDWOOD BOARDWALK, NEW JERSEY
PANORAMA VIEW WITH SIMULATION, LATE AFTERNOON (6:20 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 away¹. 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 contrasts². 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 away¹. 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 contrasts². See Sheet 1 for citations.

**23. WILDWOOD BOARDWALK, NEW JERSEY
SINGLE FRAME (50-mm LENS) SIMULATION, MORNING (9:59 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 away¹. 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 contrasts². See Sheet 1 for citations.

**23. WILDWOOD BOARDWALK, NEW JERSEY
SINGLE FRAME (50-mm LENS) SIMULATION, MID-DAY (1:34 PM)**

Maryland Offshore Wind Project Visual Impact Assessment Simulations

Sheet 6

