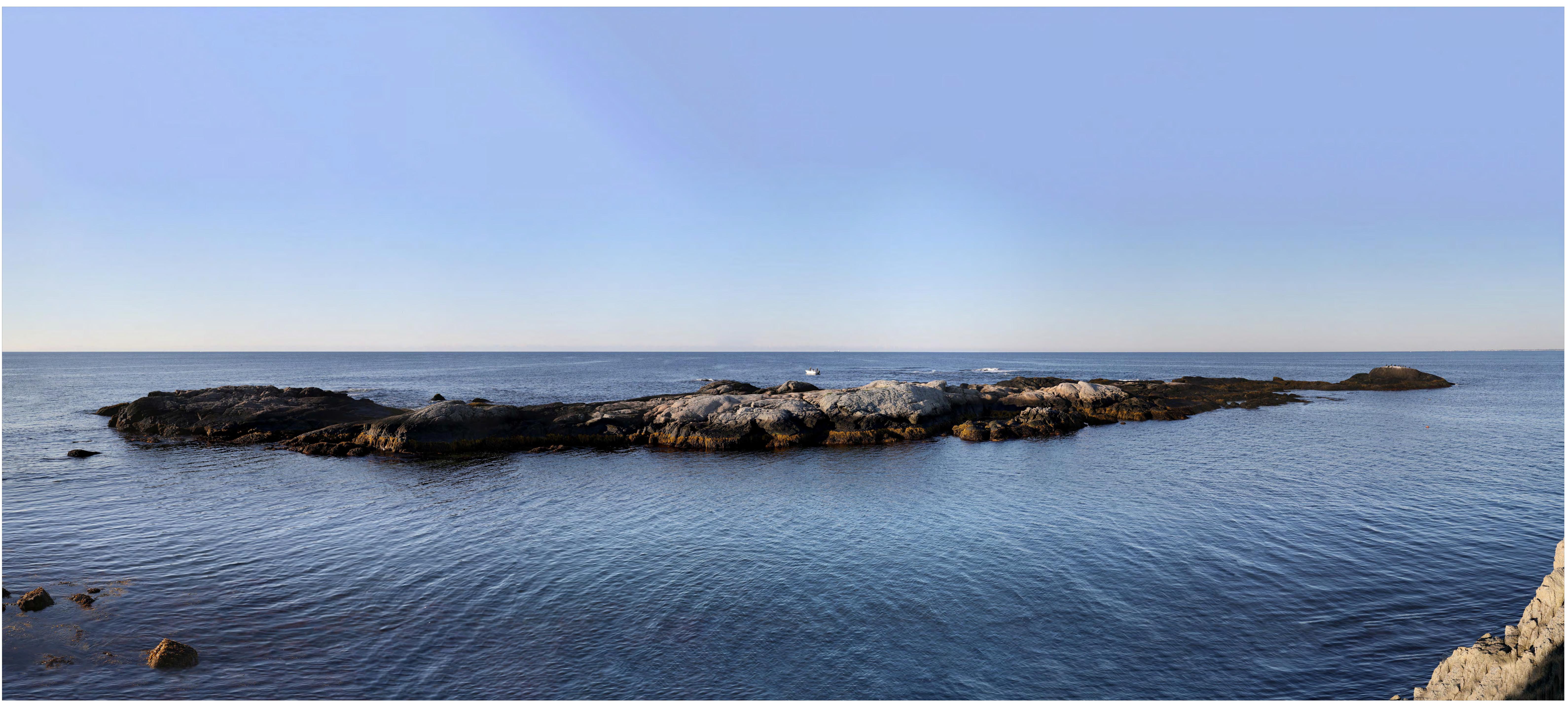
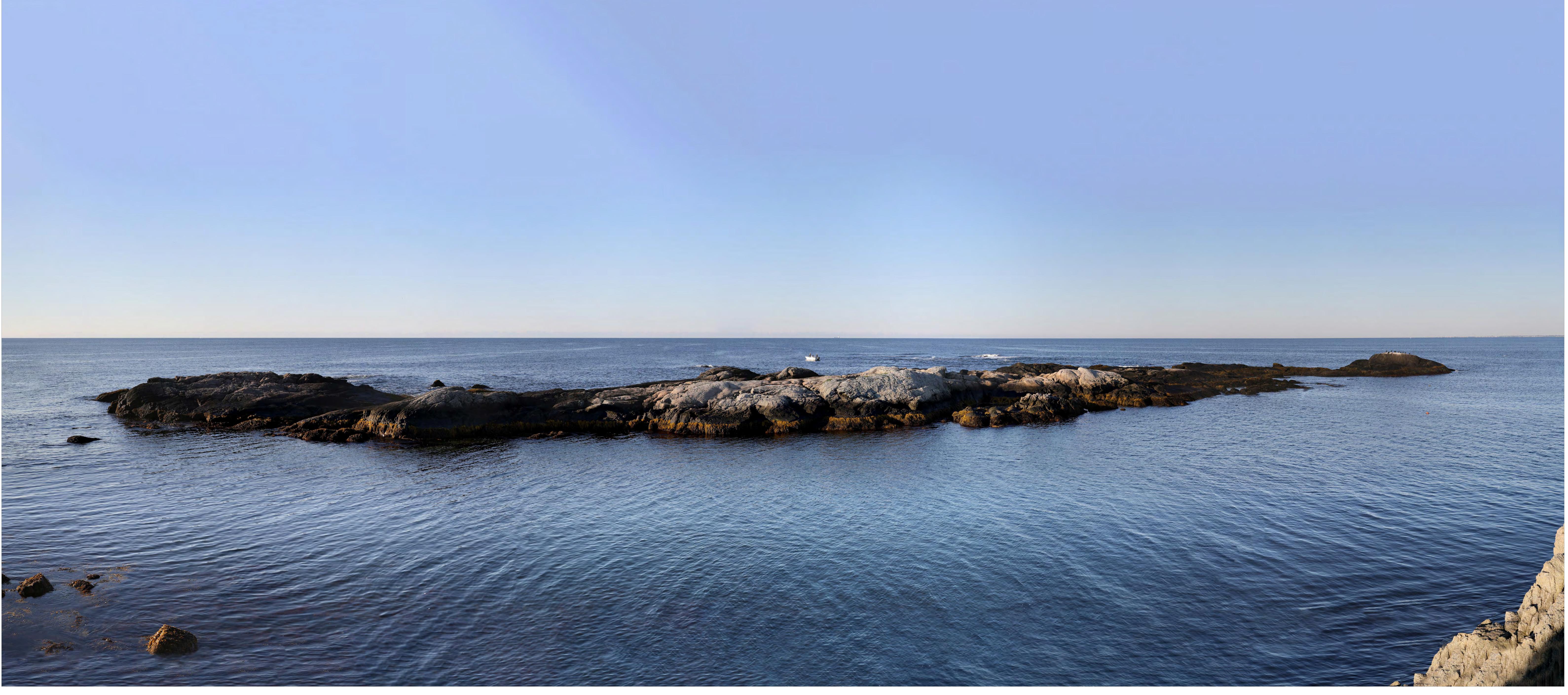
### **ATTACHMENT I-3C**

Key Observation Points Visual Simulations of Proposed Action - Project Design Envelope (PDE) Panorama Visual Simulations

(Source: EDR 2022a, Sunrise Wind 2023)





## Powered by Ørsted & Eversource

Source: COP Appendix Q1, Appendix C2: Sheet 1 of 16

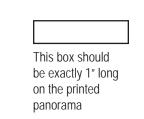
AI03: Newport Cliff Walk, Newport, Rhode Island

**Existing Conditions** 

### Environmental Data Date Taken: 7/26/2017

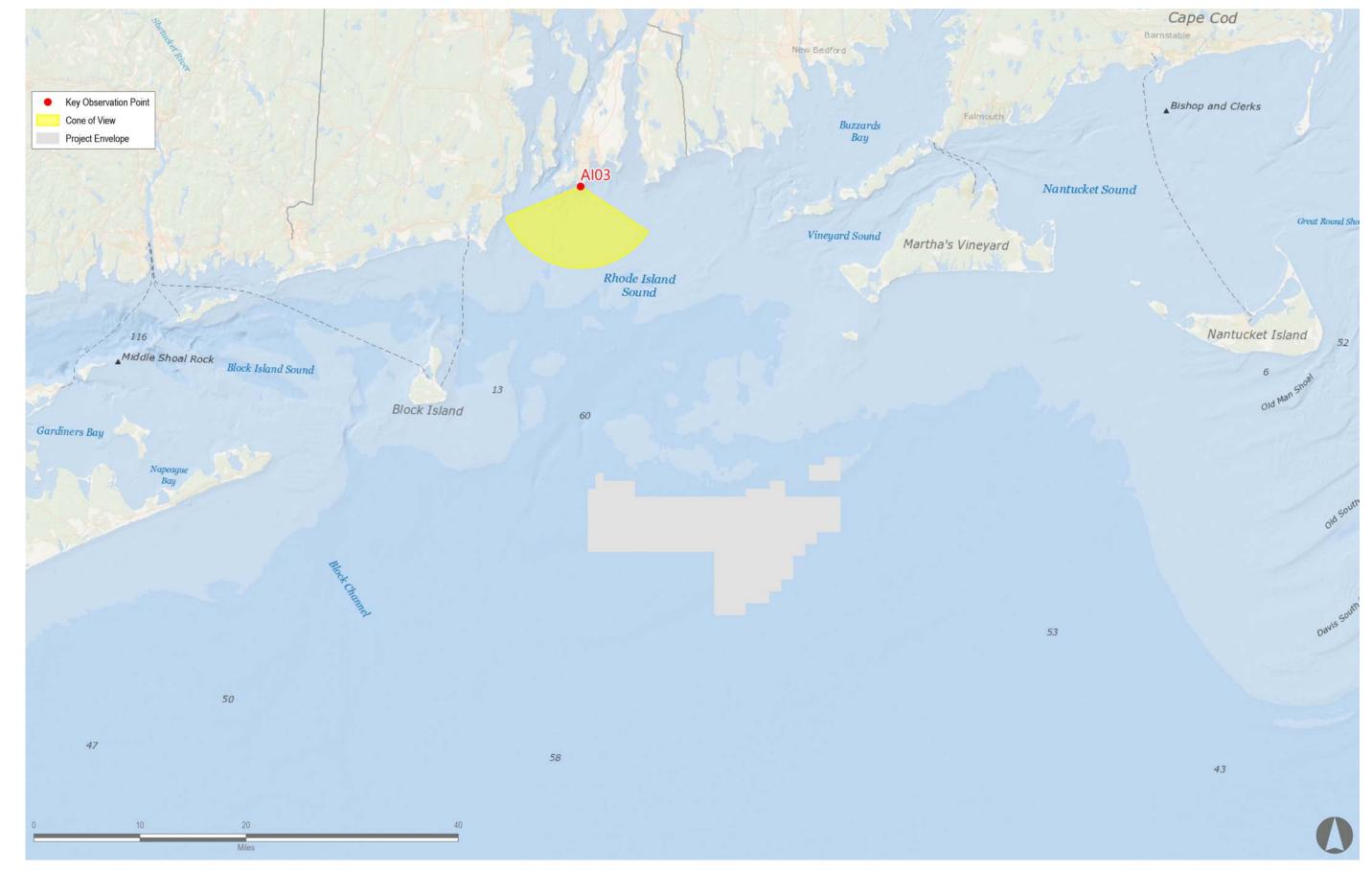
Time: 7:03 AM Temperature: 70°F Humidity: 68% Visibility: >10 miles Wind Direction: South Wind Speed: 8 mph Conditions Observed: Clear

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 22.8 feet AMSL



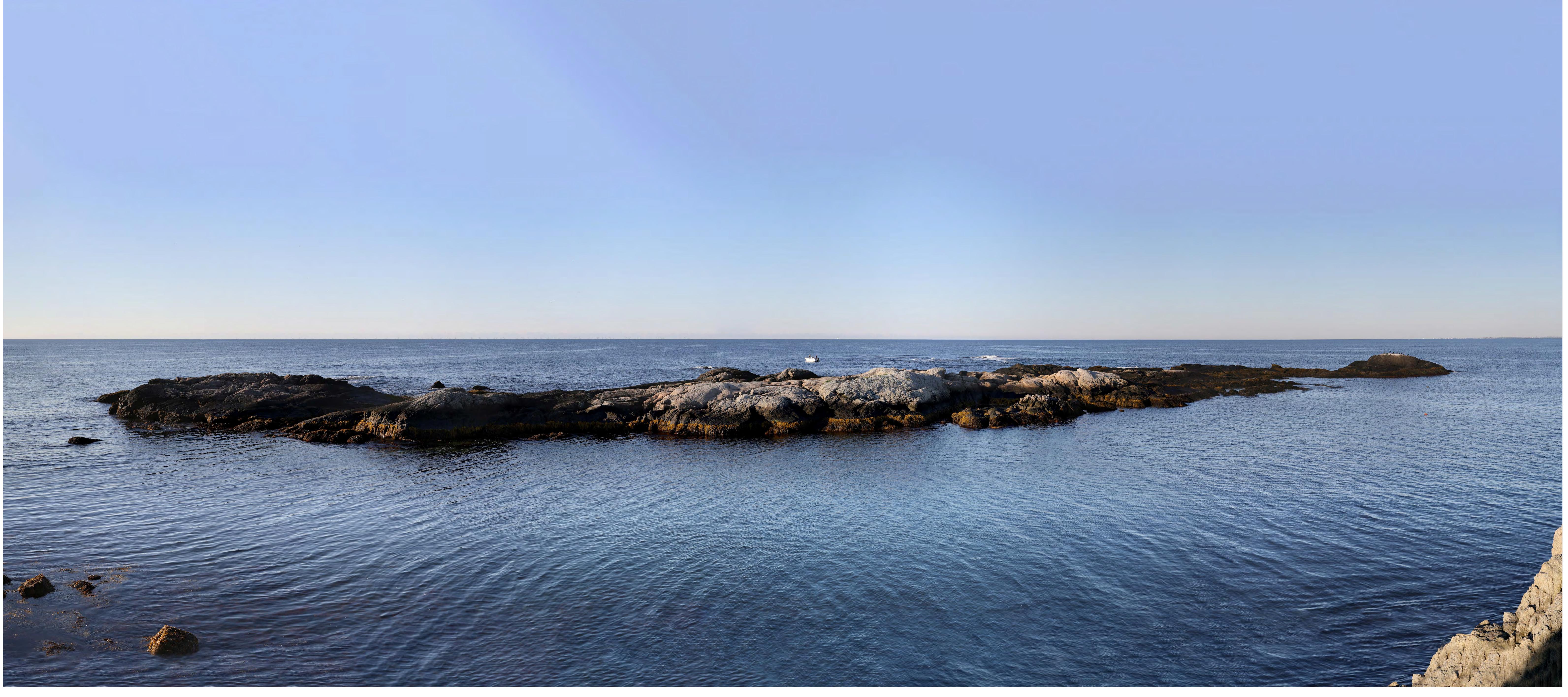
Key Observation Point Information County: Newport Town: Newport State: Rhode Island Location: Aquidneck Island Latitude, Longitude: 41.45119° N, 71.31157° W Direction of View (Center): South (181.1°) Field of View: 124° x 55°

Visual Resources Landscape Similarity Zone: Maintained Recreation Area, Shoreline Residential User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: Cliff Walk National Recreation Trail, Newport/Ocean Drive State Scenic Area, Newport Historic District









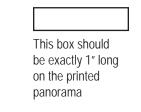
## Powered by Ørsted & Eversource

Source: COP Appendix Q1, Appendix C2: Sheet 2 of 16

AI03: Newport Cliff Walk, Newport, Rhode Island

**Photosimulation** 

Simulation Size: 64" in width by 29.3" in height. Images<br/>should be viewed from a distance of 15 inches<br/>in order to obtain the proper perspective.This box should<br/>be exactly 1" long<br/>on the printed<br/>panorama



Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 22.8 feet AMSL

**Environmental Data** 

Date Taken: 7/26/2017

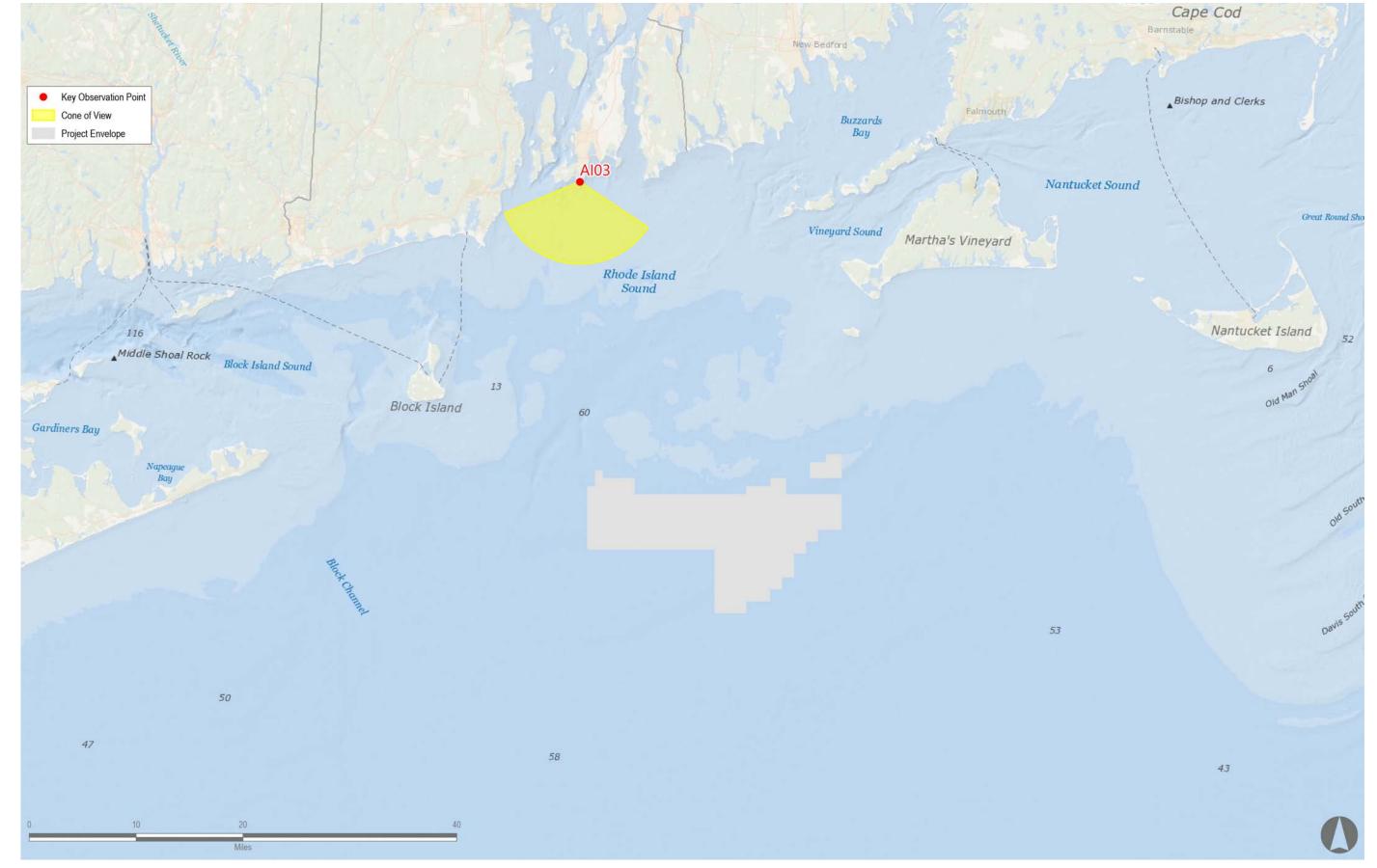
Temperature: 70°F Humidity: 68% Visibility: >10 miles Wind Direction: South

Wind Speed: 8 mph Conditions Observed: Clear

Time: 7:03 AM

Key Observation Point Information County: Newport Town: Newport State: Rhode Island Location: Aquidneck Island Latitude, Longitude: 41.45119° N, 71.31157° W Direction of View (Center): South (181.1°) Field of View: 124° x 55°

Visual Resources Landscape Similarity Zone: Maintained Recreation Area, Shoreline Residential User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: Cliff Walk National Recreation Trail, Newport/Ocean Drive State Scenic Area, Newport Historic District









### Powered by Ørsted & Eversource

Source: COP Appendix Q1, Appendix C2: Sheet 3 of 16

BI04: Southeast Lighthouse, New Shoreham, Rhode Island

**Existing Conditions** 

### **Environmental Data** Date Taken: 9/10/2017 Time: 1:20 PM

Temperature: 68°F Humidity: 63% Visibility: >10 miles Wind Direction: Northeast Wind Speed: 8.1 mph Conditions Observed: Clear

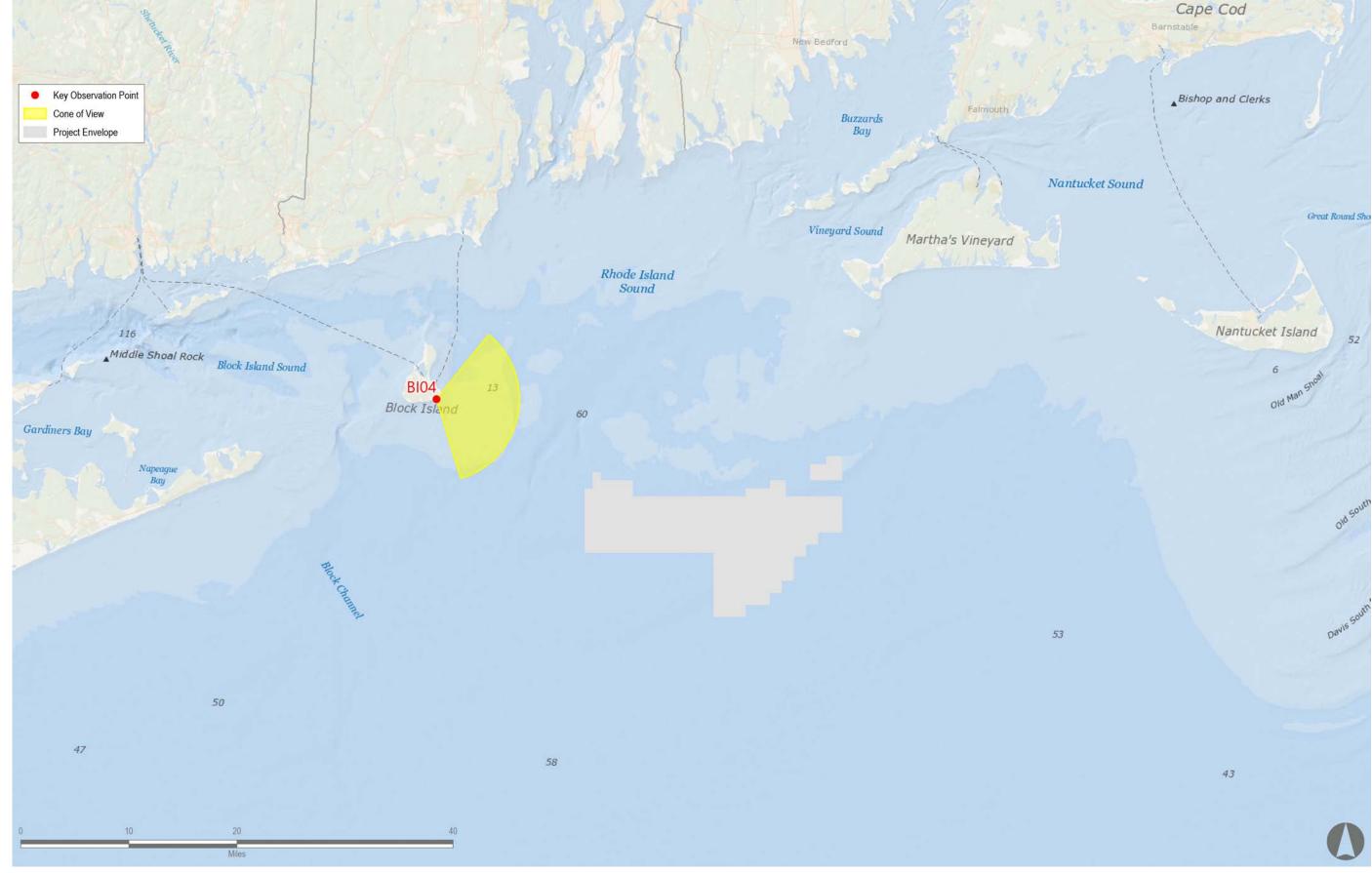
Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 161.1 feet AMSL



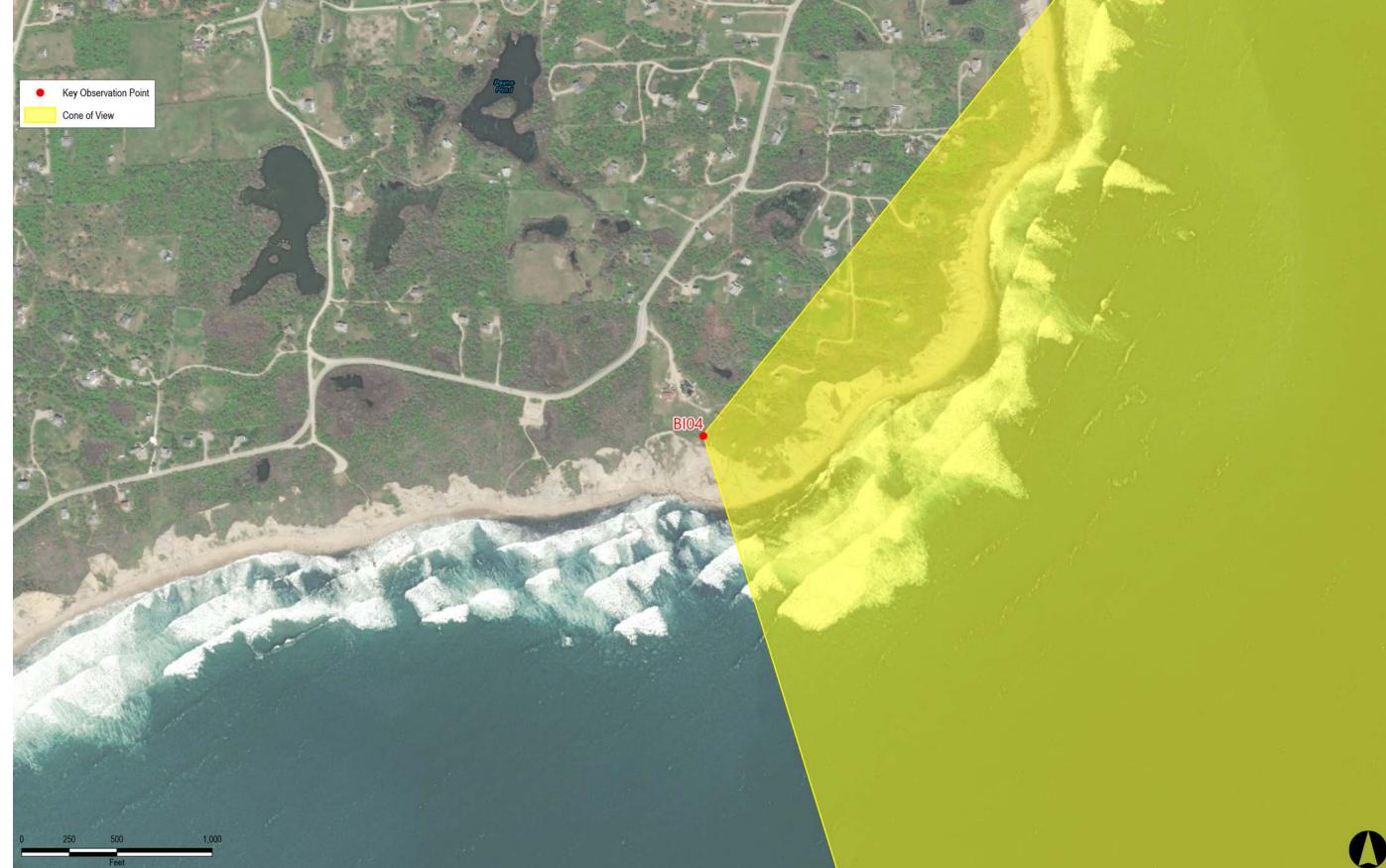
Key Observation Point Information County: Washington Town: New Shoreham State: Rhode Island Location: Block Island Latitude, Longitude: 41.15280° N, 71.55185° W Direction of View (Center): East (99.2°) Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Maintained Recreation Area, Coastal Bluff User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: Mohegan Bluffs State Scenic Area, Mohegan Bluffs Public Beach, State Owned Parks & Recreation Land, South East Light Stairway State Fishing and Boating Access, Southeast Rd State Scenic Area, Block Island South East Light National Historic Landmark









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Source: COP Appendix Q1, Appendix C2: Sheet 4 of 16

BI04: Southeast Lighthouse, New Shoreham, Rhode Island

**Photosimulation** 

**Environmental Data** Date Taken: 9/10/2017 Time: 1:20 PM Temperature: 68°F

Humidity: 63% Visibility: >10 miles Wind Direction: Northeast Wind Speed: 8.1 mph Conditions Observed: Clear

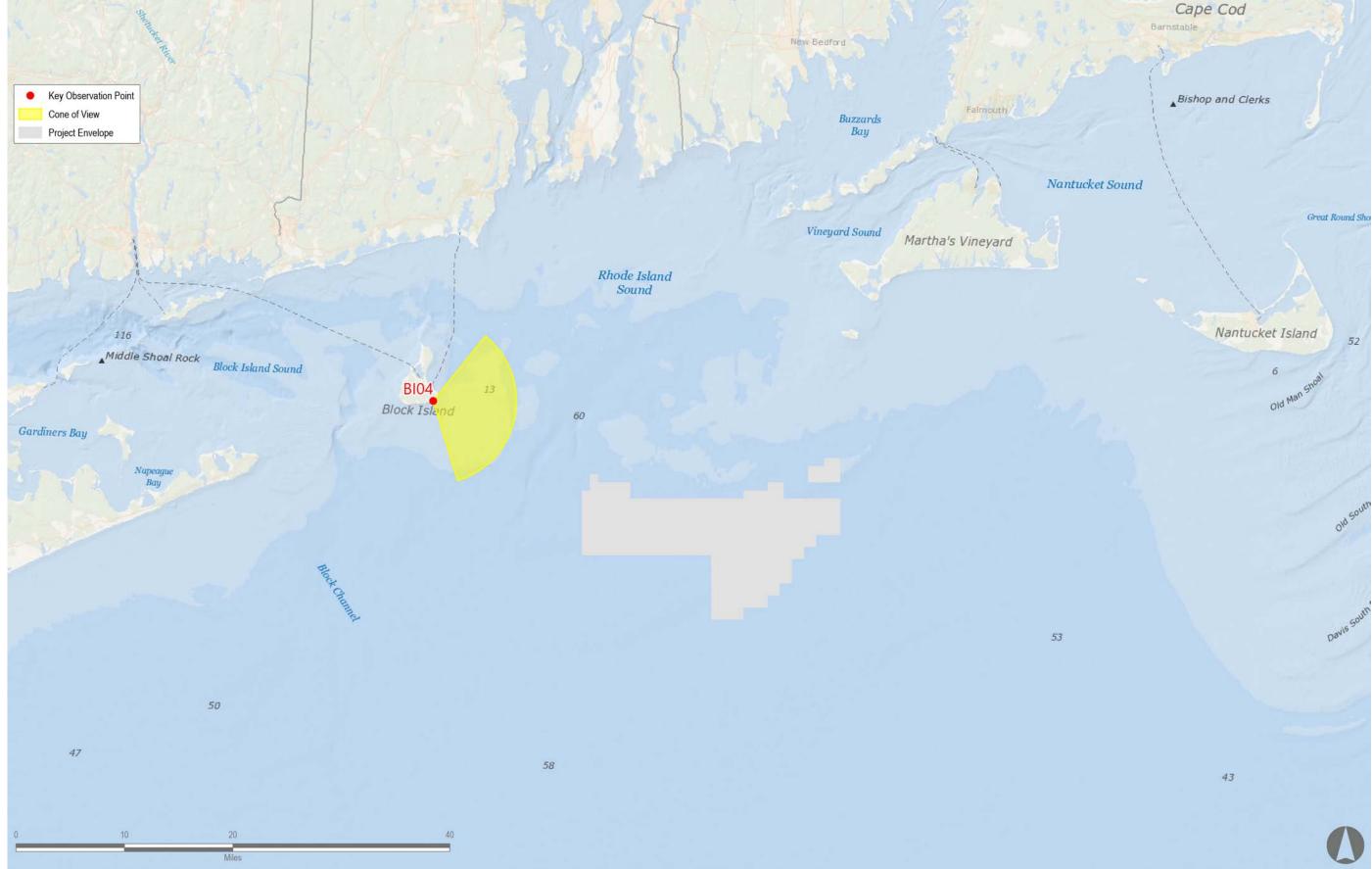
Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 161.1 feet AMSL



Key Observation Point Information County: Washington Town: New Shoreham State: Rhode Island Location: Block Island Latitude, Longitude: 41.15280° N, 71.55185° W Direction of View (Center): East (99.2°) Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Maintained Recreation Area, Coastal Bluff User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: Mohegan Bluffs State Scenic Area, Mohegan Bluffs Public Beach, State Owned Parks & Recreation Land, South East Light Stairway State Fishing and Boating Access, Southeast Rd State Scenic Area, Block Island South East Light National Historic Landmark









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Source: COP Appendix Q1, Appendix C2: Sheet 5 of 16

BI04 Night: Southeast Lighthouse, New Shoreham, Rhode Island

Photosimulation: Night

Environmental Data Date Taken: 9/10/2017 Time: N/A Temperature: N/A Humidity: N/A Visibility: >10 miles Wind Direction: Northeast Wind Speed: 8.1 mph

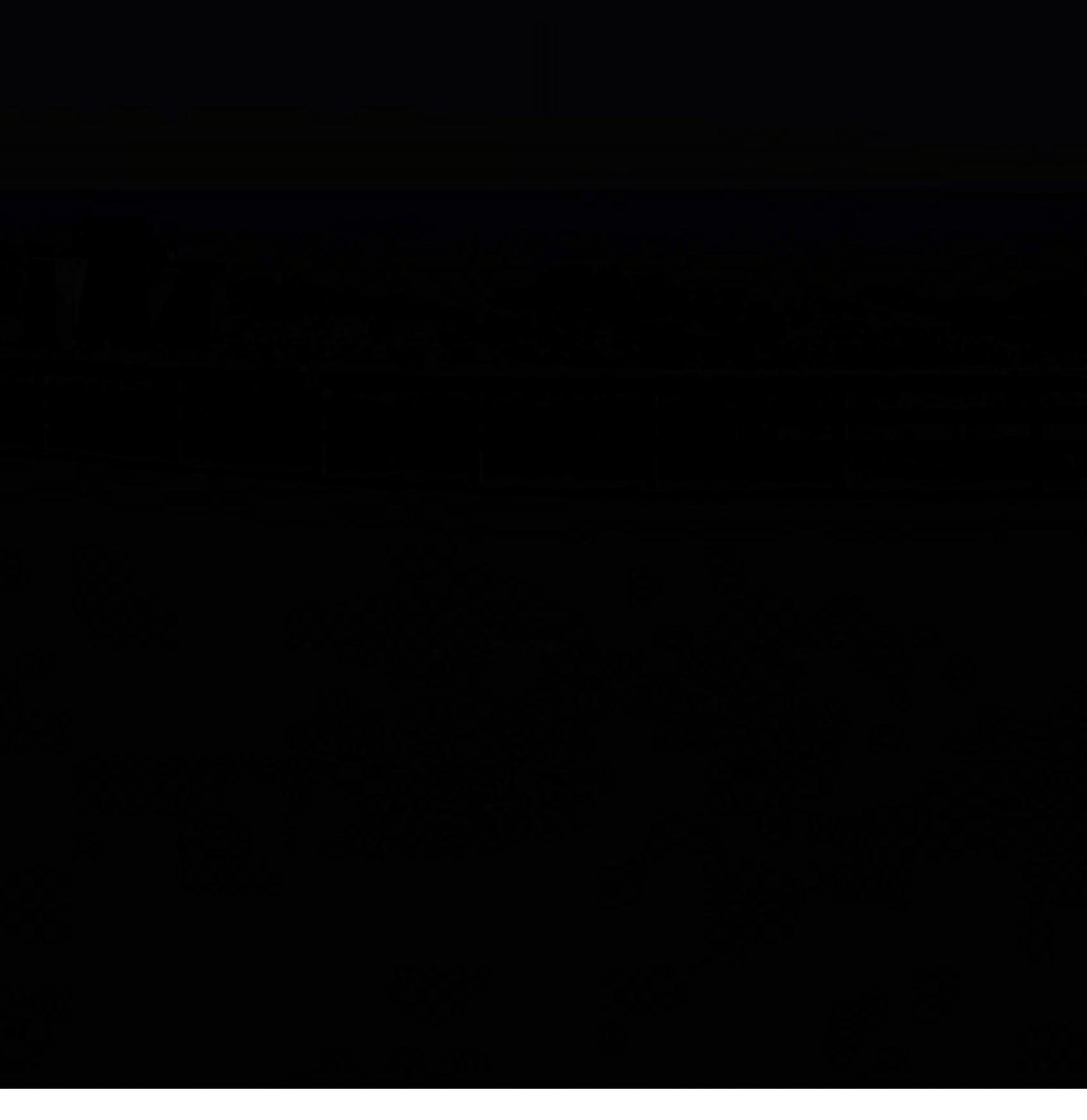
Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 161.1 feet AMSL

Conditions Observed: Clear

Simulation Size: 64" in width by 29.3" in height. Images This box should should be viewed from a distance of 15 inches in order to obtain the proper perspective.



in the view.



Key Observation Point Information County: Washington Town: New Shoreham State: Rhode Island Location: Block Island Latitude, Longitude: 41.15280° N, 71.55185° W Direction of View (Center): East (99.2°) Field of View: 124° x 55°

Visual Resources Landscape Similarity Zone: Maintained Recreation Area, Coastal Bluff User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: Mohegan Bluffs State Scenic Area, Mohegan Bluffs Public Beach, State Owned Parks & Recreation Land, South East Light Stairway State Fishing and Boating Access, Southeast Rd State Scenic Area, Block Island South East Light National Historic Landmark

Note: EDR has digitally altered the daytime condition photograph to represent nighttime conditions. Nighttime photography was completed in order to accurately characterize existing light sources and ambient light present



Cape Cod Barnstable New Bedford Key Observation Point Bishop and Clerks Cone of View Project Envelope Buzzards Bay Nantucket Sound Vineyard Sound Martha's Vineyard Rhode Island Sound 116 Middle Shoal Rock Block Island Sound Block Islan Napeague Bay 50 47 58 43 0 10 20 40









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Source: COP Appendix Q1, Appendix C2: Sheet 6 of 16

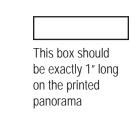
CI01: Cuttyhunk Island, Gosnold, Massachusetts

**Existing Conditions** 

### **Environmental Data**

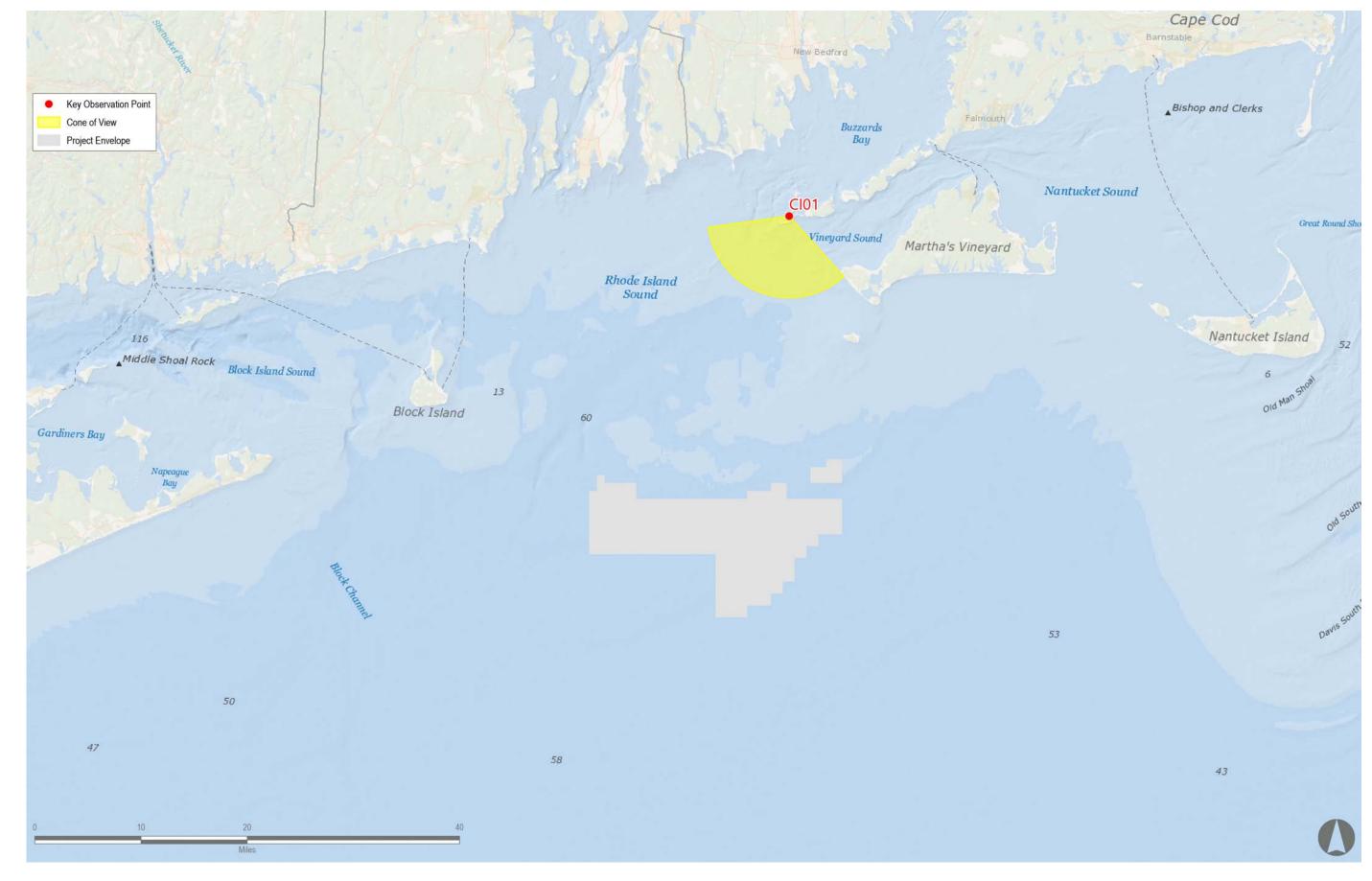
Date Taken: 1/18/2018 Time: 1:30 PM Temperature: 34°F Humidity: 64% Visibility: >10 miles Wind Direction: North-Northwest Wind Speed: 10.4 mph Conditions Observed: Clear

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 151.3 feet AMSL



Key Observation Point Information County: Dukes Town: Gosnold State: Massachusetts Location: Cuttyhunk Island Latitude, Longitude: 41.42052° N, 70.93411° W Direction of View (Center): South-Southwest (198.7°) Field of View: 124° x 55°

Visual Resources Landscape Similarity Zone: Coastal Scrub/Scrub Forest User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: Elizabeth Islands State Scenic Area 88







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Source: COP Appendix Q1, Appendix C2: Sheet 7 of 16

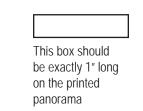
CI01: Cuttyhunk Island, Gosnold, Massachusetts

**Photosimulation** 

### **Environmental Data**

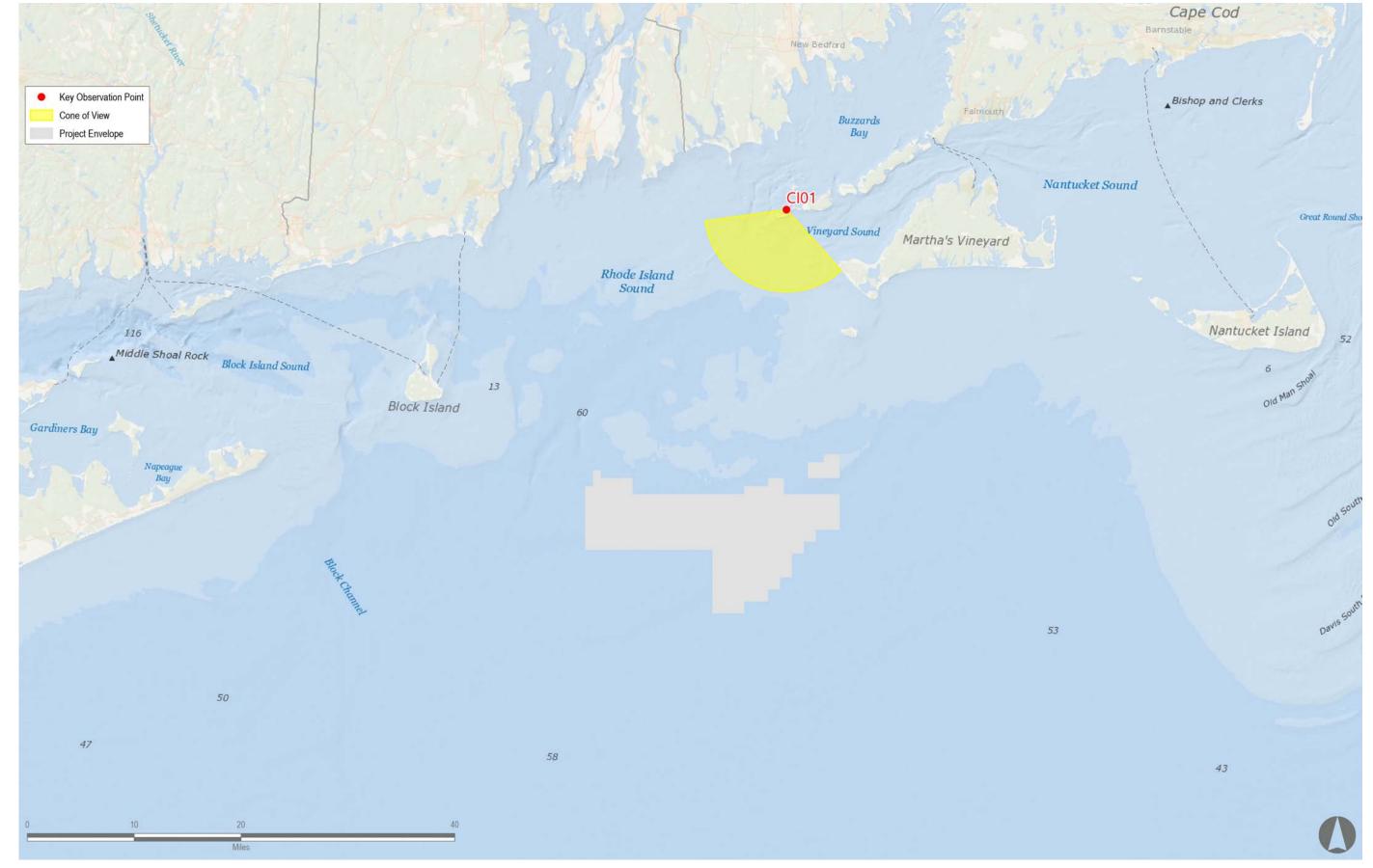
Date Taken: 1/18/2018 Time: 1:30 PM Temperature: 34°F Humidity: 64% Visibility: >10 miles Wind Direction: North-Northwest Wind Speed: 10.4 mph Conditions Observed: Clear

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 151.3 feet AMSL



Key Observation Point Information County: Dukes Town: Gosnold State: Massachusetts Location: Cuttyhunk Island Latitude, Longitude: 41.42052° N, 70.93411° W Direction of View (Center): South-Southwest (198.7°) Field of View: 124° x 55°

Visual Resources Landscape Similarity Zone: Coastal Scrub/Scrub Forest User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: Elizabeth Islands State Scenic Area, Buzzards Bay







## Powered by Ørsted & Eversource

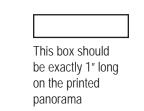
Source: COP Appendix Q1, Appendix C2: Sheet 8 of 16

MM04: Nobska Lighthouse, Falmouth, Massachusetts

**Existing Conditions** 

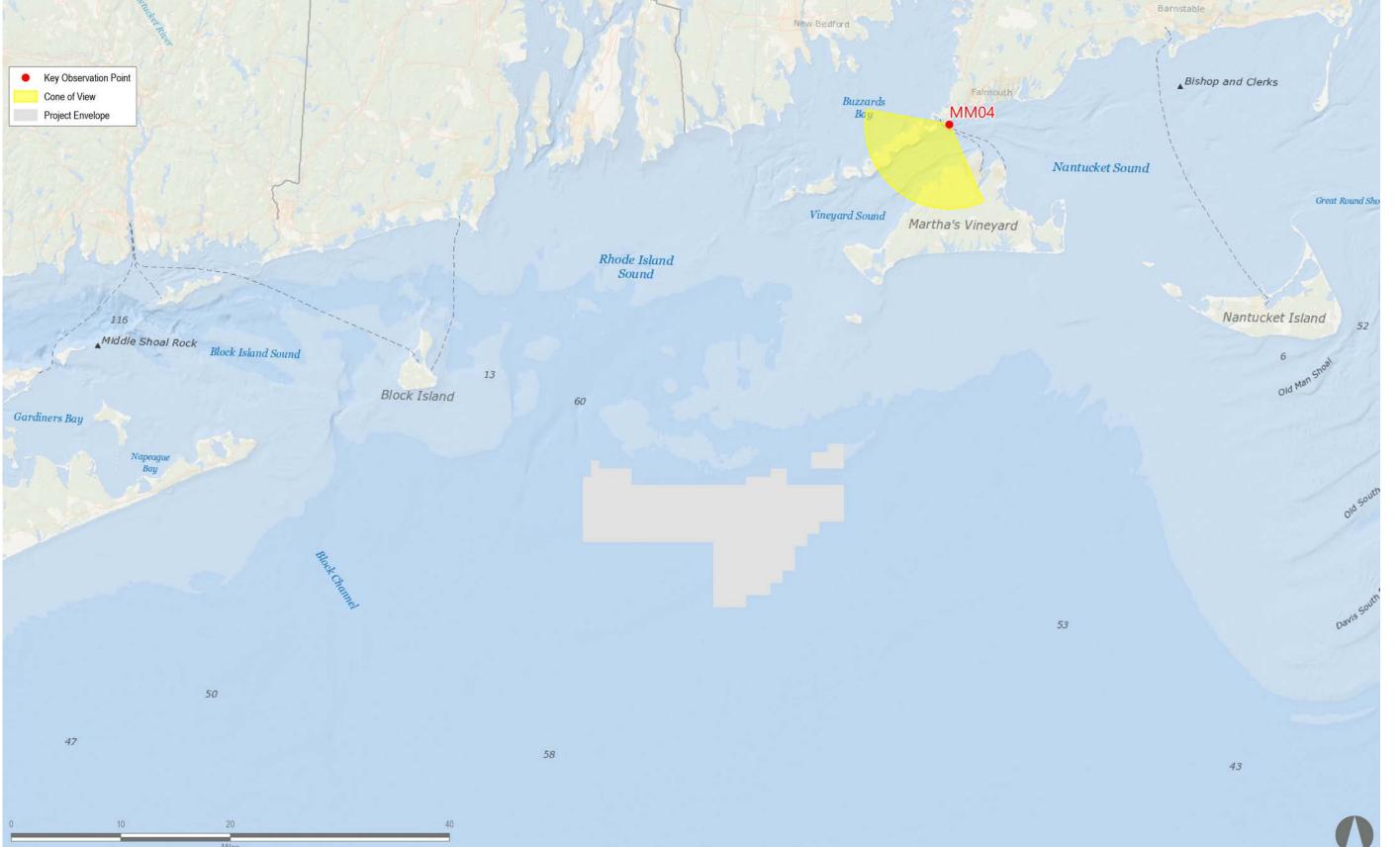
Date Taken: 8/9/2017 Time: 6:23 AM Temperature: 71.0°F Humidity: 68% Visibility: >10 miles Wind Direction: Southwest Wind Speed: 7 mph Conditions Observed: Partly Cloudy

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 53.7 feet AMSL



Key Observation Point Information County: Barnstable Town: Falmouth State: Massachusetts Location: Mainland, MA Latitude, Longitude: 41.51576° N, 70.65512° W Direction of View (Center): Southwest (217.0°) Field of View: 124° x 55°

Visual Resources Landscape Similarity Zone: Maintained Recreation Areas User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: Nobska Beach Association, Nobska Point Lighthouse







## Powered by Ørsted & Eversource

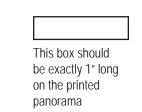
Source: COP Appendix Q1, Appendix C2: Sheet 9 of 16

MM04: Nobska Lighthouse, Falmouth, Massachusetts

**Photosimulation** 

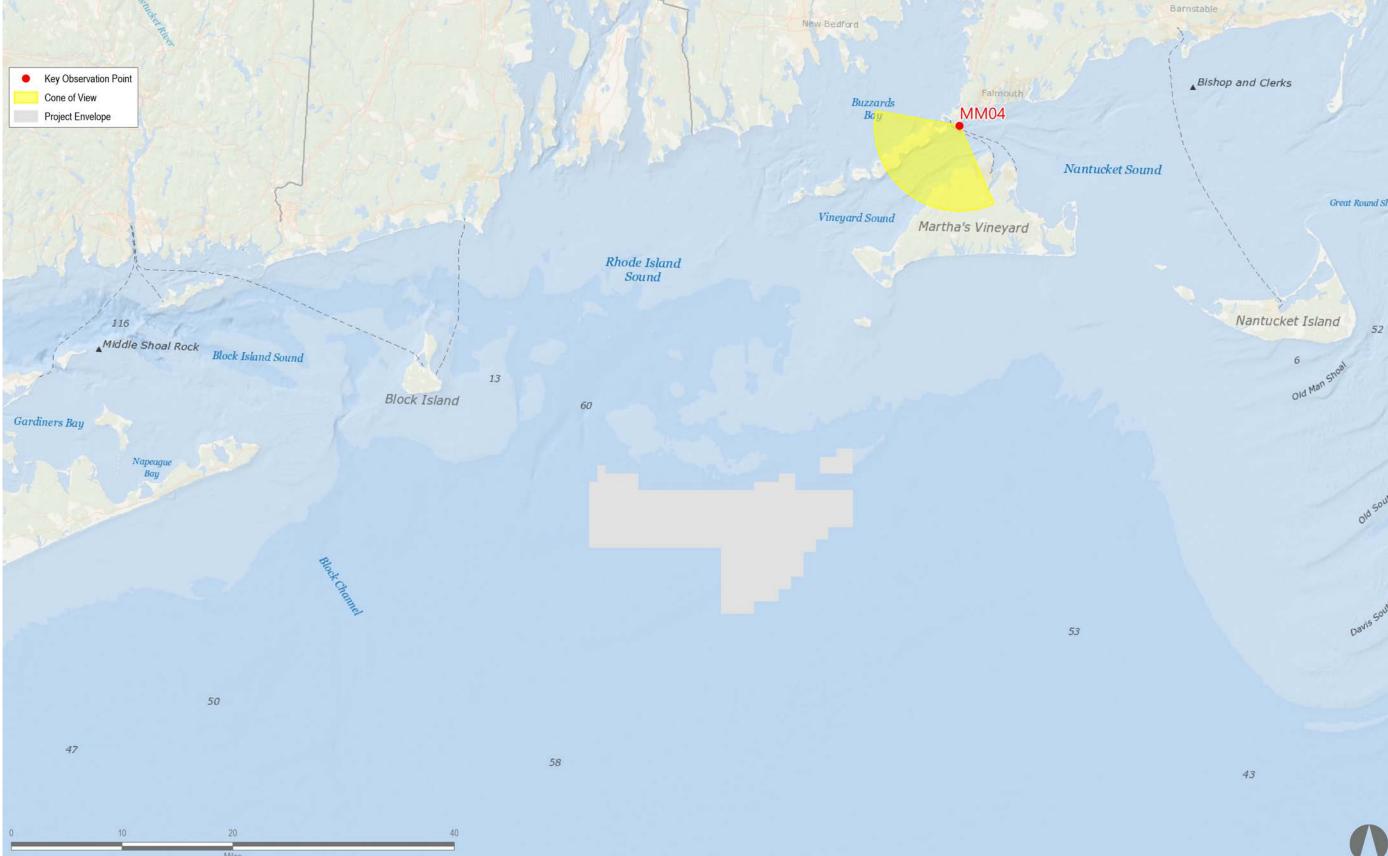
Date Taken: 8/9/2017 Time: 6:23 AM Temperature: 71.0°F Humidity: 68% Visibility: >10 miles Wind Direction: Southwest Wind Speed: 7 mph Conditions Observed: Partly Cloudy

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 53.7 feet AMSL

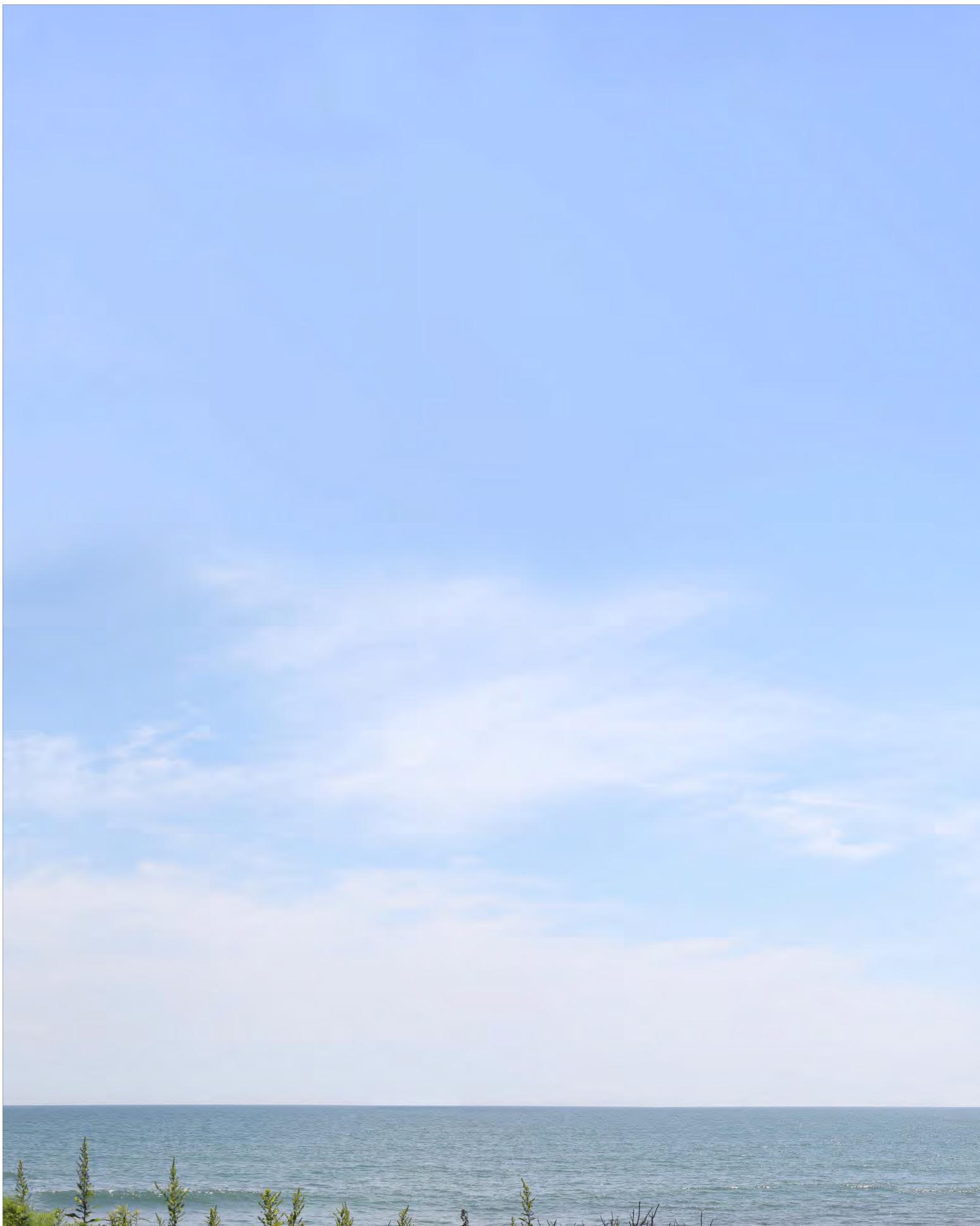


Key Observation Point Information County: Barnstable Town: Falmouth State: Massachusetts Location: Mainland, MA Latitude, Longitude: 41.51576° N, 70.65512° W Direction of View (Center): Southwest (217.0°) Field of View: 124° x 55°

Visual Resources Landscape Similarity Zone: Maintained Recreation Areas User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: Nobska Beach Association, Nobska Point Lighthouse









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Source: COP Appendix Q1, Appendix C2: Sheet 10 of 16

MV03: Lucy Vincent Beach, Chilmark, Massachusetts

**Existing Conditions** 

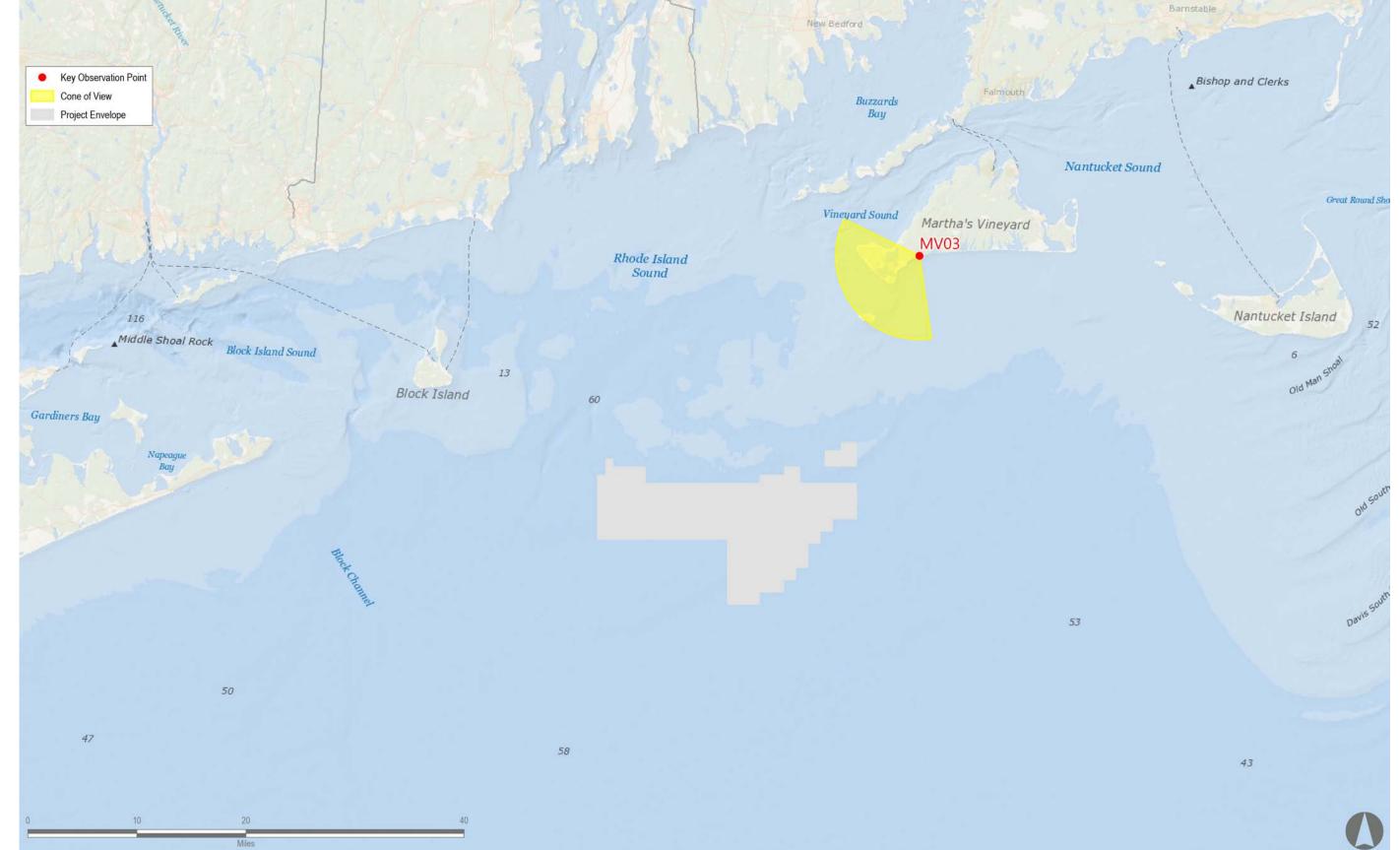
Date Taken: 8/9/2017 Time: 12:55 PM Temperature: 77°F Humidity: 60% Visibility: >10 miles Wind Direction: South-Southwest Wind Speed: 11.5 mph Conditions Observed: Parly Cloudy

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 27.7 feet AMSL

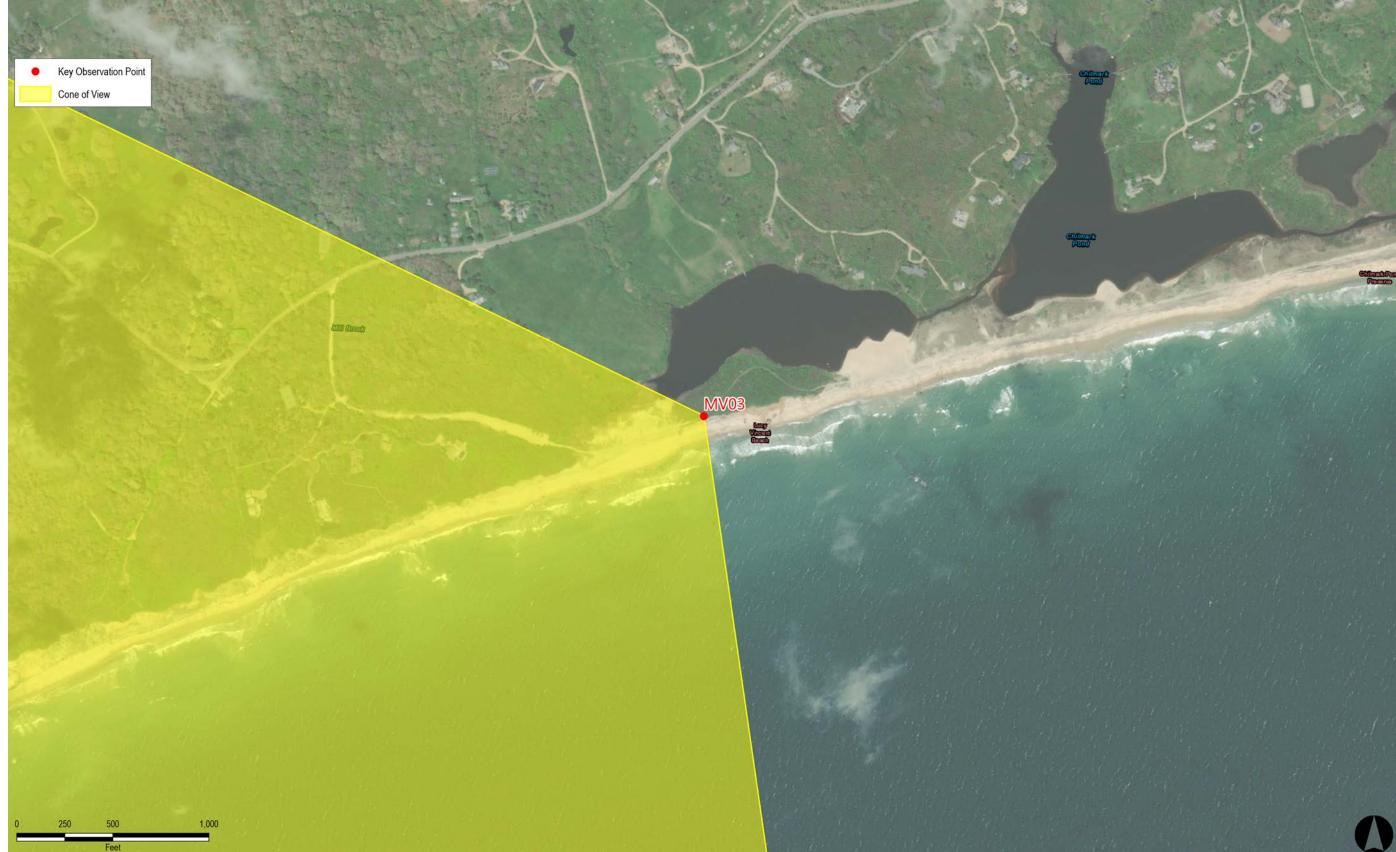


Key Observation Point Information County: Dukes Town: Chilmark State: Massachusetts Location: Martha's Vineyard Latitude, Longitude: 41.33953° N, 70.72571° W Direction of View (Center): Southwest (232.7°) Field of View: 124° x 55°

Visual Resources Landscape Similarity Zone: Coastal Bluff User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: Gay Head West Tisbury Unit 94 State Scenic Area, Ocean at Lucy Vincent Beach, Pond at Lucy Vincent Beach











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Source: COP Appendix Q1, Appendix C2: Sheet 11 of 16

MV03: Lucy Vincent Beach, Chilmark, Massachusetts

**Photosimulation** 

Date Taken: 8/9/2017 Time: 12:55 PM Temperature: 77°F Humidity: 60% Visibility: >10 miles Wind Direction: South-Southwest Wind Speed: 11.5 mph Conditions Observed: Parly Cloudy

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 27.7 feet AMSL



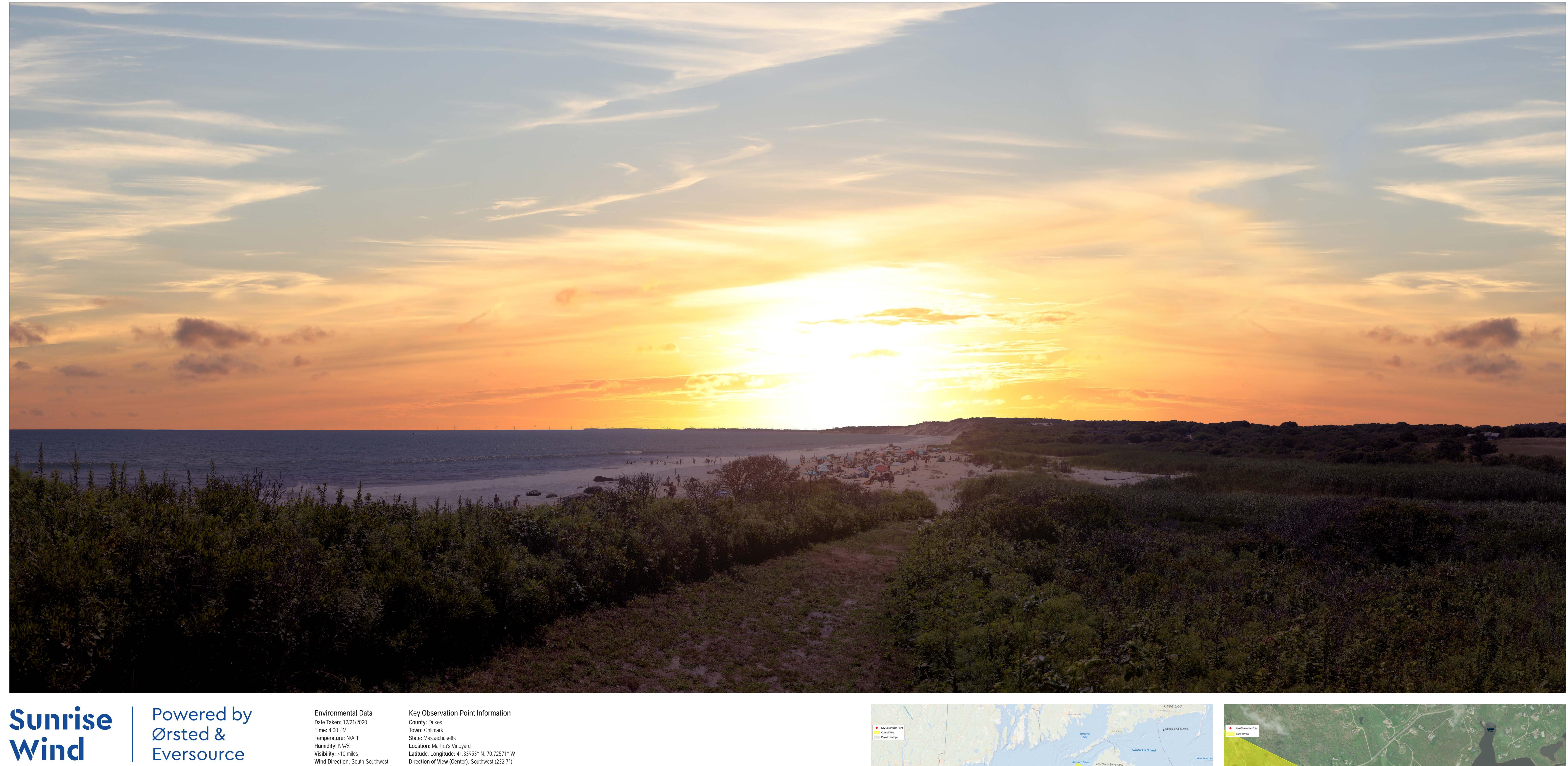
Key Observation Point Information County: Dukes Town: Chilmark State: Massachusetts Location: Martha's Vineyard Latitude, Longitude: 41.33953° N, 70.72571° W Direction of View (Center): Southwest (232.7°) Field of View: 124° x 55°

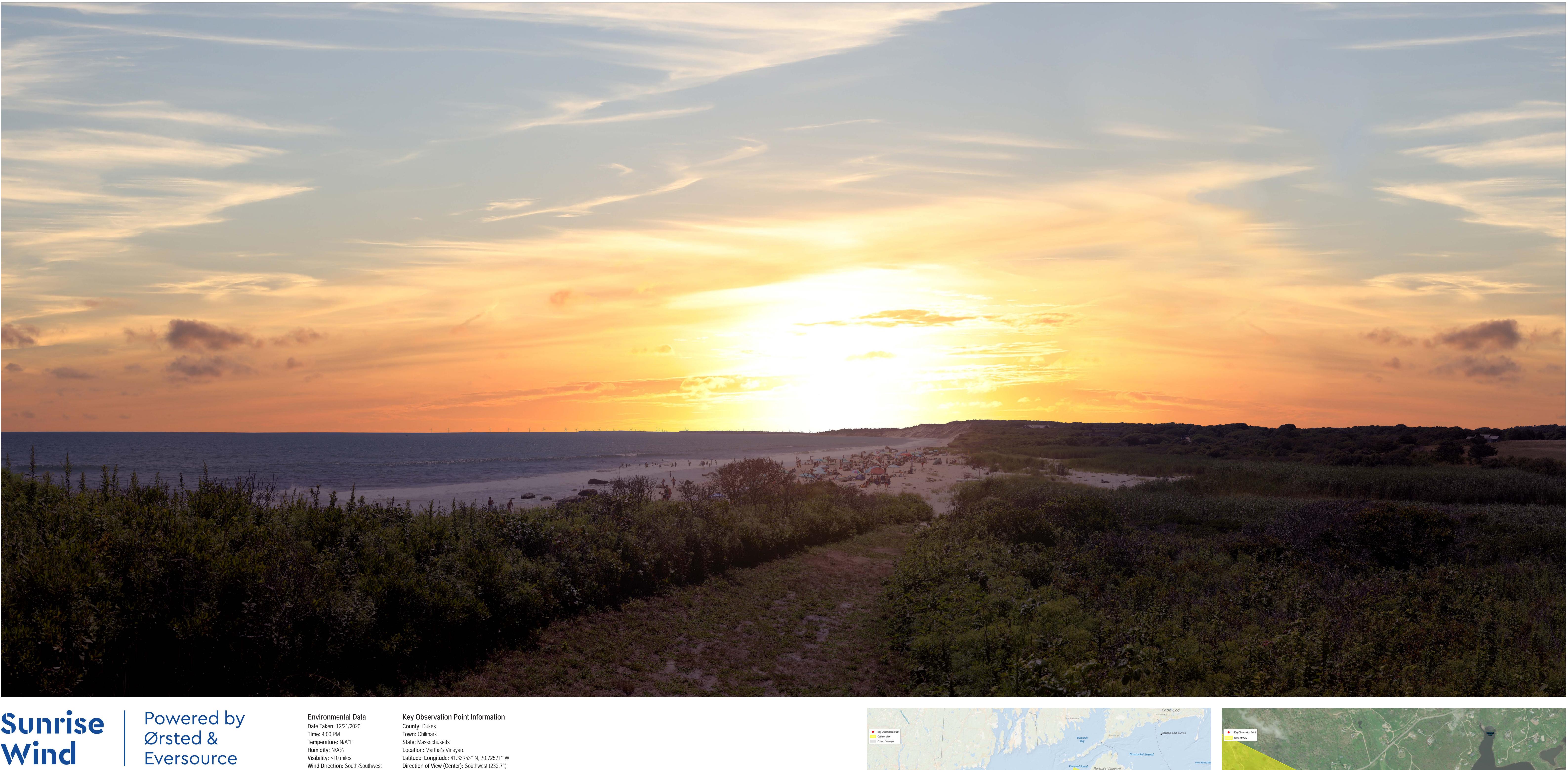
Visual Resources

Landscape Similarity Zone: Coastal Bluff User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: Gay Head West Tisbury Unit 94 State Scenic Area, Ocean at Lucy Vincent Beach, Pond at Lucy Vincent Beach









Source: COP Appendix Q1, Appendix C2: Sheet 12 of 16

MV03: Lucy Vincent Beach, Chilmark, Massachusetts

Photographic Rendering - Sunset Conditions

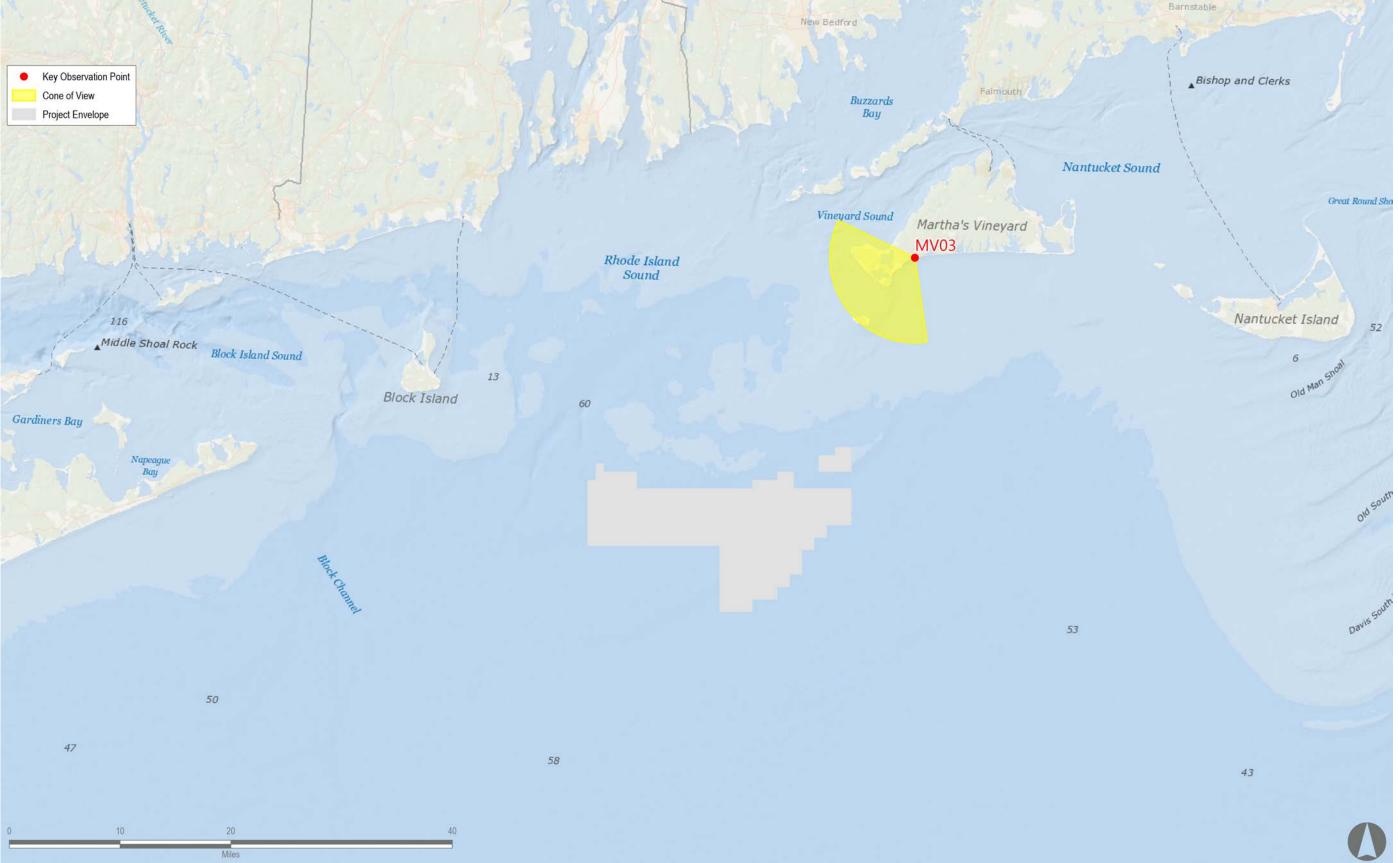
Wind Speed: 11.5 mph Conditions Observed: Parly Cloudy

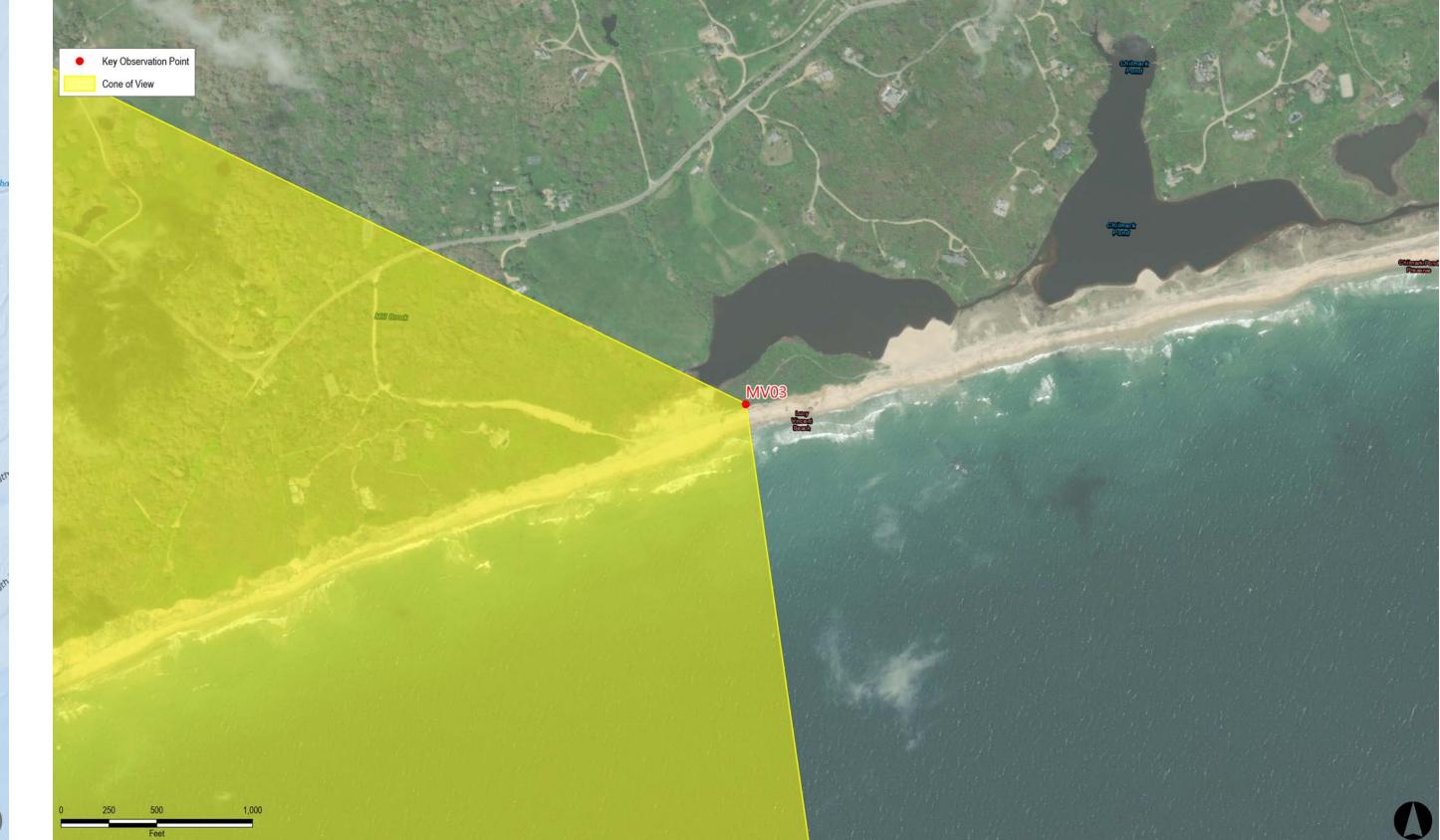
Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 27.7 feet AMSL



Field of View: 124° x 55°

Visual Resources Landscape Similarity Zone: Coastal Bluff User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: Gay Head West Tisbury Unit 94 State Scenic Area, Ocean at Lucy Vincent Beach, Pond at Lucy Vincent Beach





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Source: COP Appendix Q1, Appendix C2: Sheet 13 of 16

MV07: Aquinnah Overlook, Aquinnah, Massachusetts

**Existing Conditions** 

### Environmental Data

Date Taken: 8/4/2017 Time: 8:57 AM Temperature: 75°F Humidity: 76% Visibility: >10 miles Wind Direction: South Wind Speed: 9.2 mph Conditions Observed: Partly Cloudy

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 145.5 feet AMSL



Key Observation Point Information County: Dukes Town: Aquinnah State: Massachusetts Location: Martha's Vineyard Latitude, Longitude: 41.34731° N, 70.83700° W Direction of View (Center): Southwest (220.9°) Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: Gay Head Cliffs National Natural Landmark, Moshup Beach, Gay Head West Tisbury Unit 100 State Scenic Area, Gay Head West Tisbury Unit 94 State Scenic Area, Edwin DeVries Vanderhoop Homestead, Gay Head Light







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Source: COP Appendix Q1, Appendix C2: Sheet 14 of 16

MV07: Aquinnah Overlook, Aquinnah, Massachusetts

**Photosimulation** 

### **Environmental Data**

Date Taken: 8/4/2017 Time: 8:57 AM Temperature: 75°F Humidity: 76% Visibility: >10 miles Wind Direction: South Wind Speed: 9.2 mph Conditions Observed: Partly Cloudy

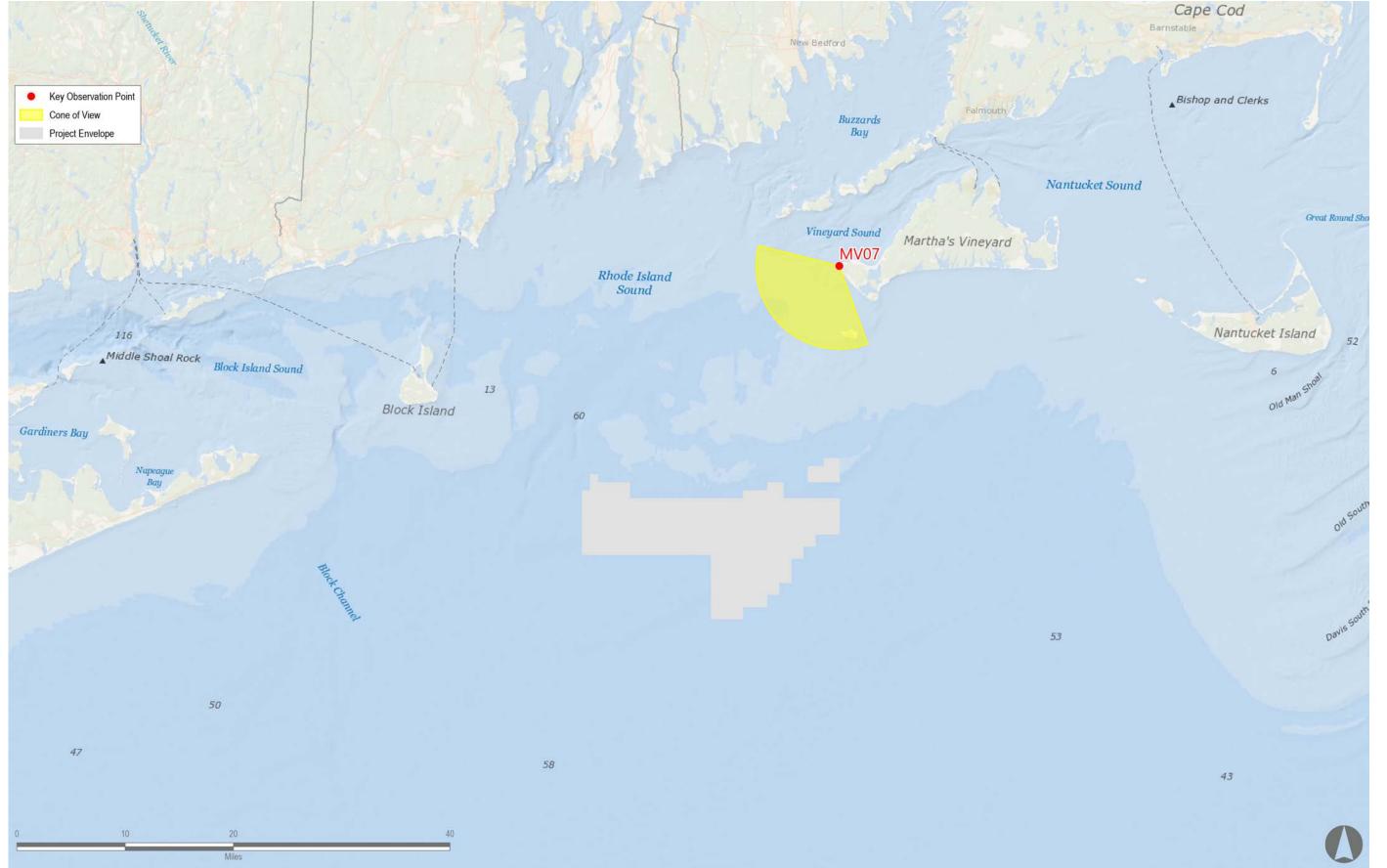
Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 145.5 feet AMSL



Key Observation Point Information County: Dukes Town: Aquinnah State: Massachusetts Location: Martha's Vineyard Latitude, Longitude: 41.34731° N, 70.83700° W Direction of View (Center): Southwest (220.9°) Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: Gay Head Cliffs National Natural Landmark, Moshup Beach, Gay Head West Tisbury Unit 100 State Scenic Area, Gay Head West Tisbury Unit 94 State Scenic Area, Edwin DeVries Vanderhoop Homestead, Gay Head Light







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Source: COP Appendix Q1, Appendix C2: Sheet 15 of 16

MV07: Aquinnah Overlook, Aquinnah, Massachusetts

Photographic Rendering - Sunset Conditions

### **Environmental Data**

Date Taken: 11/25/2020 Time: 4:06 PM Temperature: N/A Humidity: N/A Visibility: >10 miles Wind Direction: South Wind Speed: 9.2 mph Conditions Observed: Partly Cloudy

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 145.5 feet AMSL

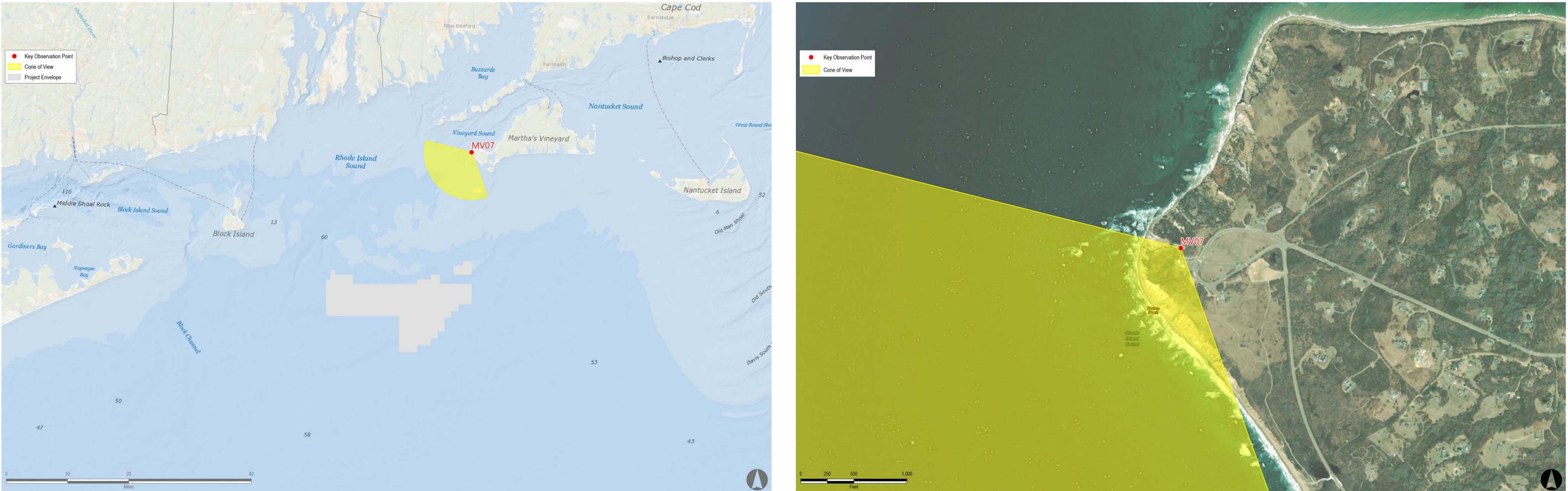


Key Observation Point Information County: Dukes Town: Aquinnah State: Massachusetts Location: Martha's Vineyard Latitude, Longitude: 41.34731° N, 70.83700° W Direction of View (Center): Southwest (220.9°) Field of View: 124° x 55°

Visual Resources

Landscape Similarity Zone: Coastal Bluff User Group: Local Resident, Tourist/Vacationers

Aesthetic Resource: Gay Head Cliffs National Natural Landmark, Moshup Beach, Gay Head West Tisbury Unit 100 State Scenic Area, Gay Head West Tisbury Unit 94 State Scenic Area, Edwin DeVries Vanderhoop Homestead, Gay Head Light





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Source: COP Appendix Q1, Appendix C2: Sheet 16 of 16

MV07: Aquinnah Overlook, Aquinnah, Massachusetts

Photographic Rendering - Night Conditions

### Environmental Data

Date Taken: 11/25/2020 Time: N/A Temperature: N/A Humidity: N/A Visibility: >10 miles Wind Direction: South Wind Speed: 9.2 mph Conditions Observed: Partly Cloudy

Camera Information Camera: Canon EOS 5D Mark IV Resolution: 30.4 Megapixels Lens Focal Length: 50 mm Camera Height: 145.5 feet AMSL



in the view.

Key Observation Point Information County: Dukes Town: Aquinnah State: Massachusetts Location: Martha's Vineyard Latitude, Longitude: 41.34731° N, 70.83700° W Direction of View (Center): Southwest (220.9°) Field of View: 124° x 55°

Visual Resources Landscape Similarity Zone: Coastal Bluff User Group: Local Resident, Tourist/Vacationers Aesthetic Resource: Gay Head Cliffs National Natural Landmark, Moshup Beach, Gay Head West Tisbury Unit 100 State Scenic Area, Gay Head West Tisbury Unit 94 State Scenic Area, Edwin DeVries Vanderhoop Homestead, Gay Head Light

