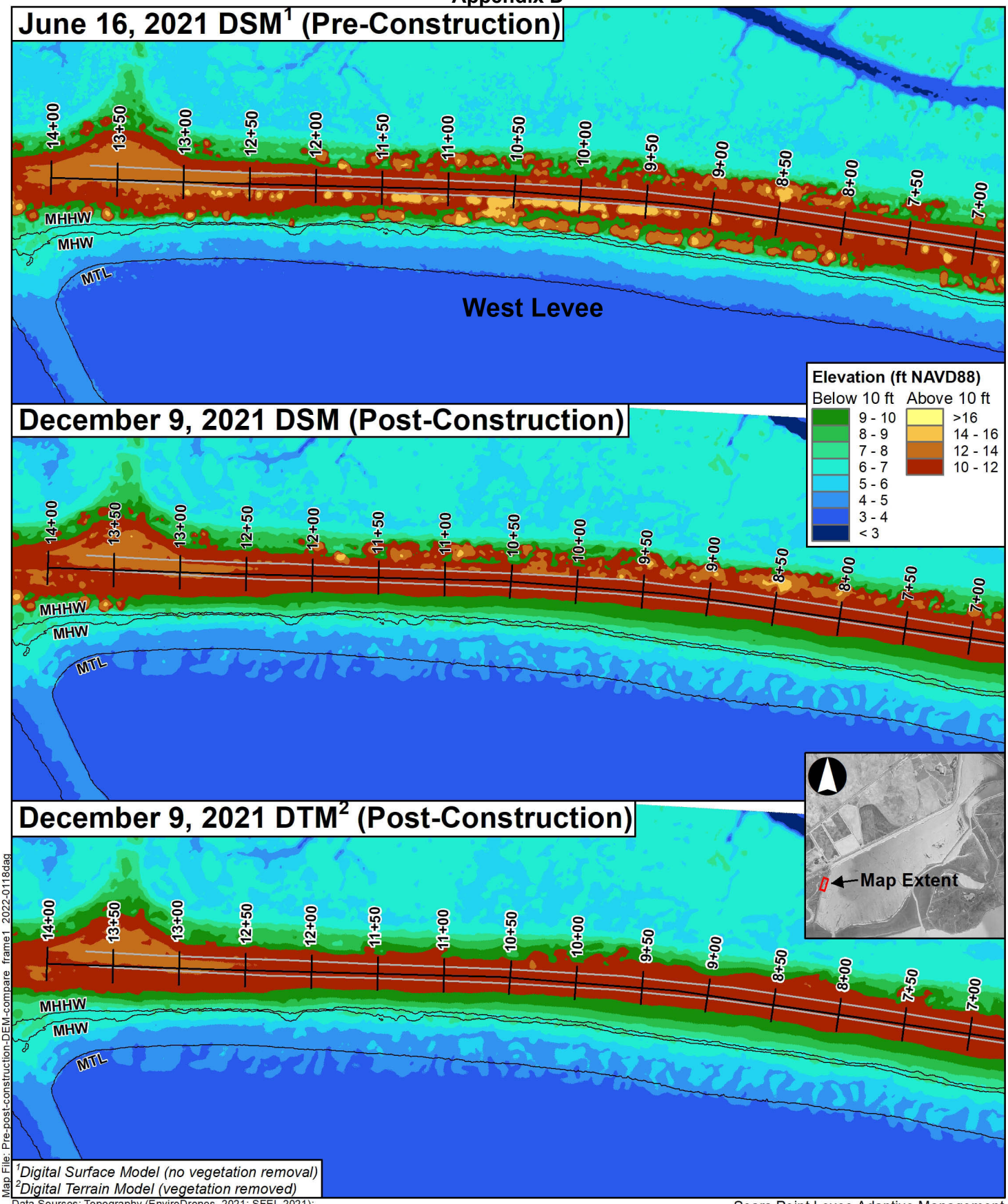
Appendix D. Baseline and As-Built Topography, Multiple Segments



[1]*Digital Surface Model (no vegetation removal)*
[2]*Digital Terrain Model (vegetation removed)*

Map File: Pre-post-construction-DEM-compare_frame1_2022-0118dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

1:1,200 (1" = 100' at letter size)

0 50 100 ft

0 15 30 m

Tidal Datum Contours (2018)

Edge of Levee Trail (Dec 2021)

Sears Point Levee Adaptive Management

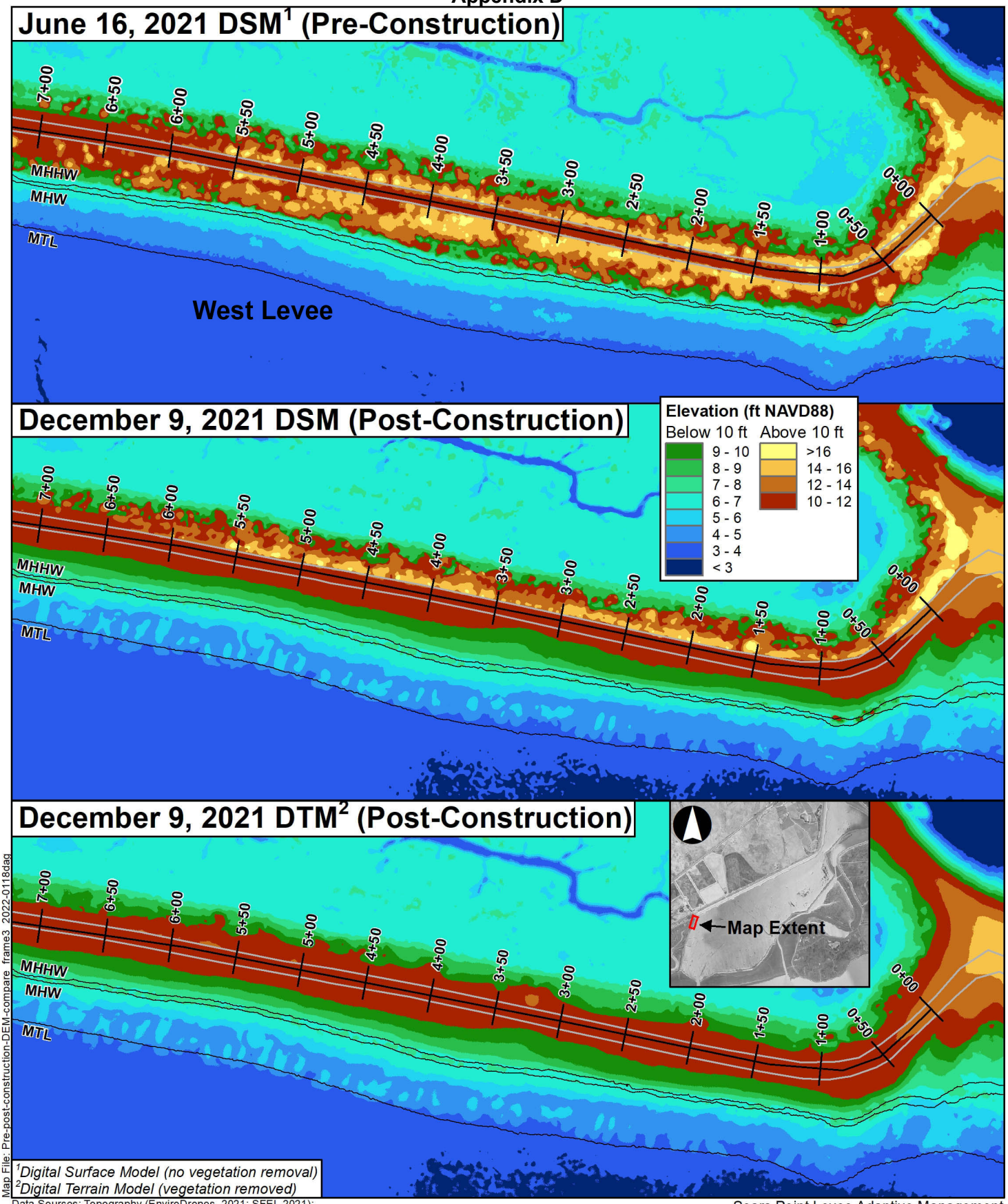
Figure 1

Frame 1 - West Levee

Pre- and Post-Construction Topography Comparison

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SIEGEL ENVIRONMENTAL



[1]*Digital Surface Model (no vegetation removal)*
[2]*Digital Terrain Model (vegetation removed)*

Map File: Pre-post-construction-DEM-compare_frame3_2022-0118dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

Sears Point Levee Adaptive Management

1:1,200 (1" = 100' at letter size)

0 50 100 ft

0 15 30 m

Tidal Datum Contours (2018)

Edge of Levee Trail (Dec 2021)

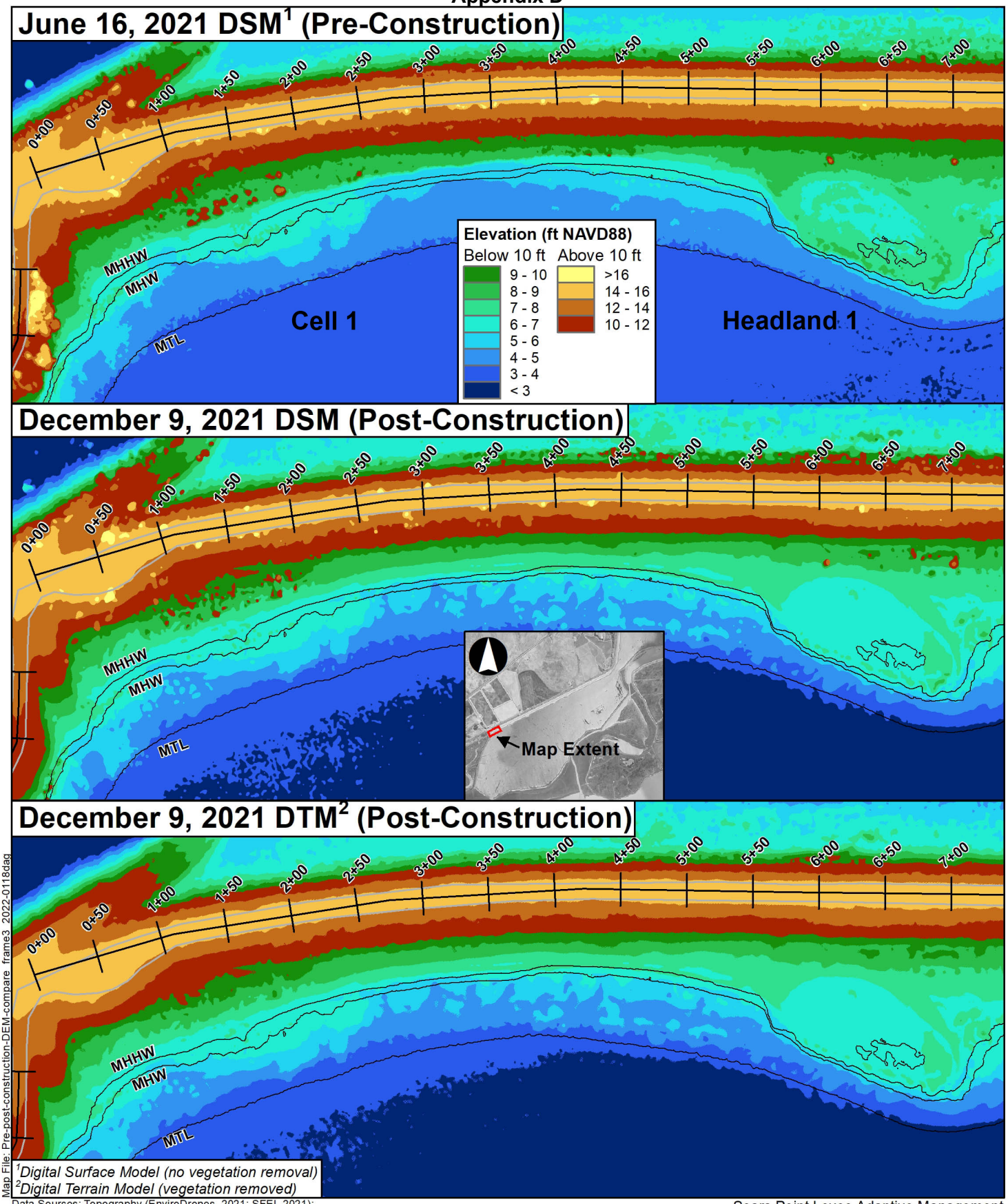
SONOMA LAND TRUST

SIEGEL ENVIRONMENTAL

Figure 2

Frame 2 - West Levee

Pre- and Post-Construction Topography Comparison



[1]*Digital Surface Model (no vegetation removal)*
[2]*Digital Terrain Model (vegetation removed)*

Map File: Pre-post-construction-DEM-compare_frame3_2022-0118dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

Sears Point Levee Adaptive Management

1:1,200 (1" = 100' at letter size)

0 50 100 ft
0 15 30 m

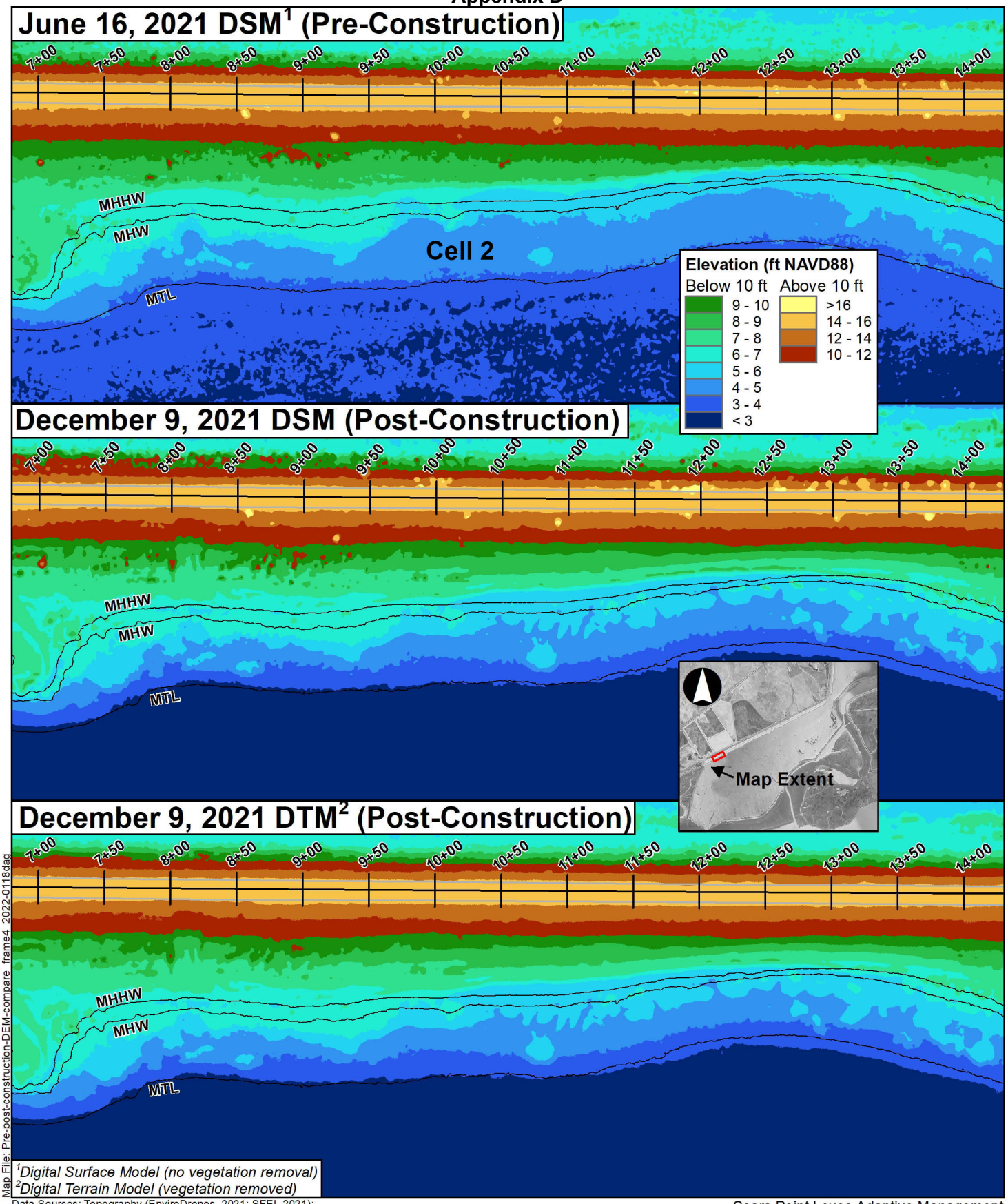
Tidal Datum Contours (2018)
Edge of Levee Trail (Dec 2021)

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SIEGEL ENVIRONMENTAL

Figure 3

Frame 3 - North Levee
Pre- and Post-Construction Topography Comparison



[1]*Digital Surface Model (no vegetation removal)*
[2]*Digital Terrain Model (vegetation removed)*

Map File: Pre-post-construction-DEM-compare_frame4_2022-0118dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

Sears Point Levee Adaptive Management

1:1,200 (1" = 100' at letter size)

0 50 100 ft

0 15 30 m

Tidal Datum Contours (2018)

Edge of Levee Trail (Dec 2021)

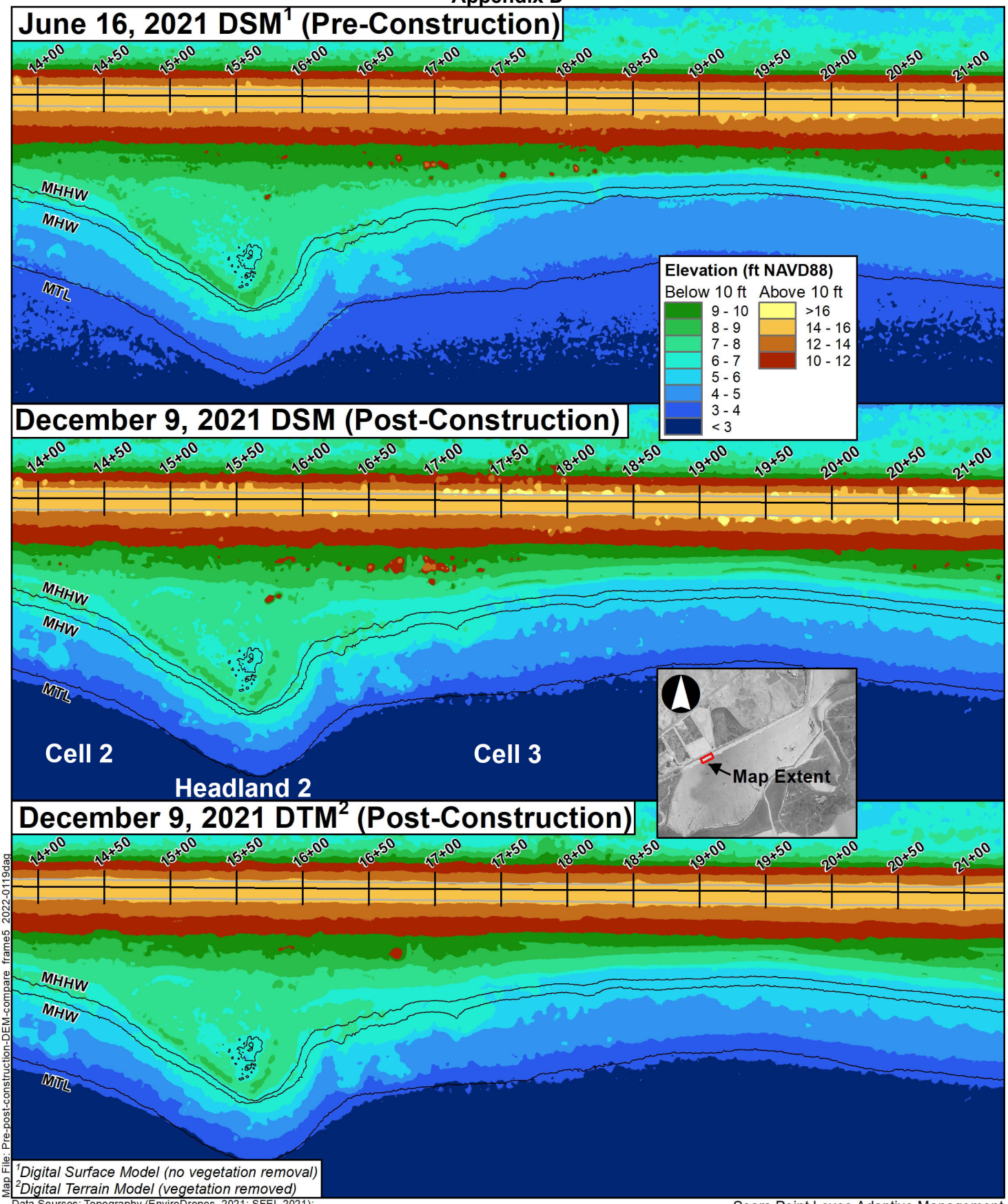
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SIEGEL ENVIRONMENTAL

Figure 4

Frame 4 - North Levee

Pre- and Post-Construction Topography Comparison



[1]*Digital Surface Model (no vegetation removal)*
[2]*Digital Terrain Model (vegetation removed)*

Map File: Pre-post-construction-DEM-compare_frame5_2022-0119dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

1:1,200 (1" = 100' at letter size)

0 50 100 ft

0 15 30 m

Tidal Datum Contours (2018)

Edge of Levee Trail (Dec 2021)

Sears Point Levee Adaptive Management

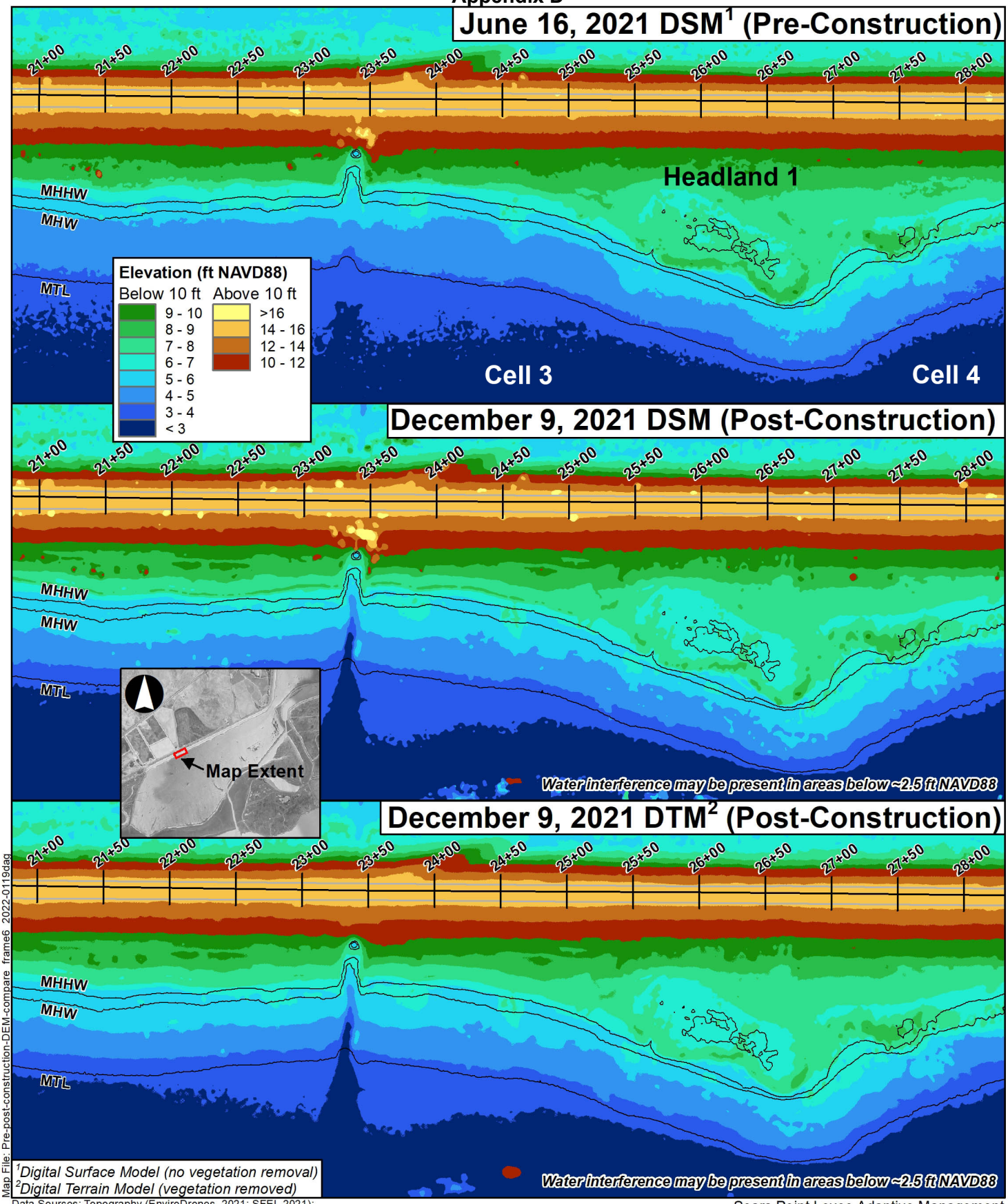
Figure 5

Frame 5 - North Levee

Pre- and Post-Construction Topography Comparison

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SIEGEL ENVIRONMENTAL



[1]Digital Surface Model (no vegetation removal)
[2]Digital Terrain Model (vegetation removed)

Map File: Pre-post-construction-DEM-compare_frame6_2022-0119dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

1:1,200 (1" = 100' at letter size)

0 50 100 ft

0 15 30 m

Tidal Datum Contours (2018)

Edge of Levee Trail (Dec 2021)

Sears Point Levee Adaptive Management

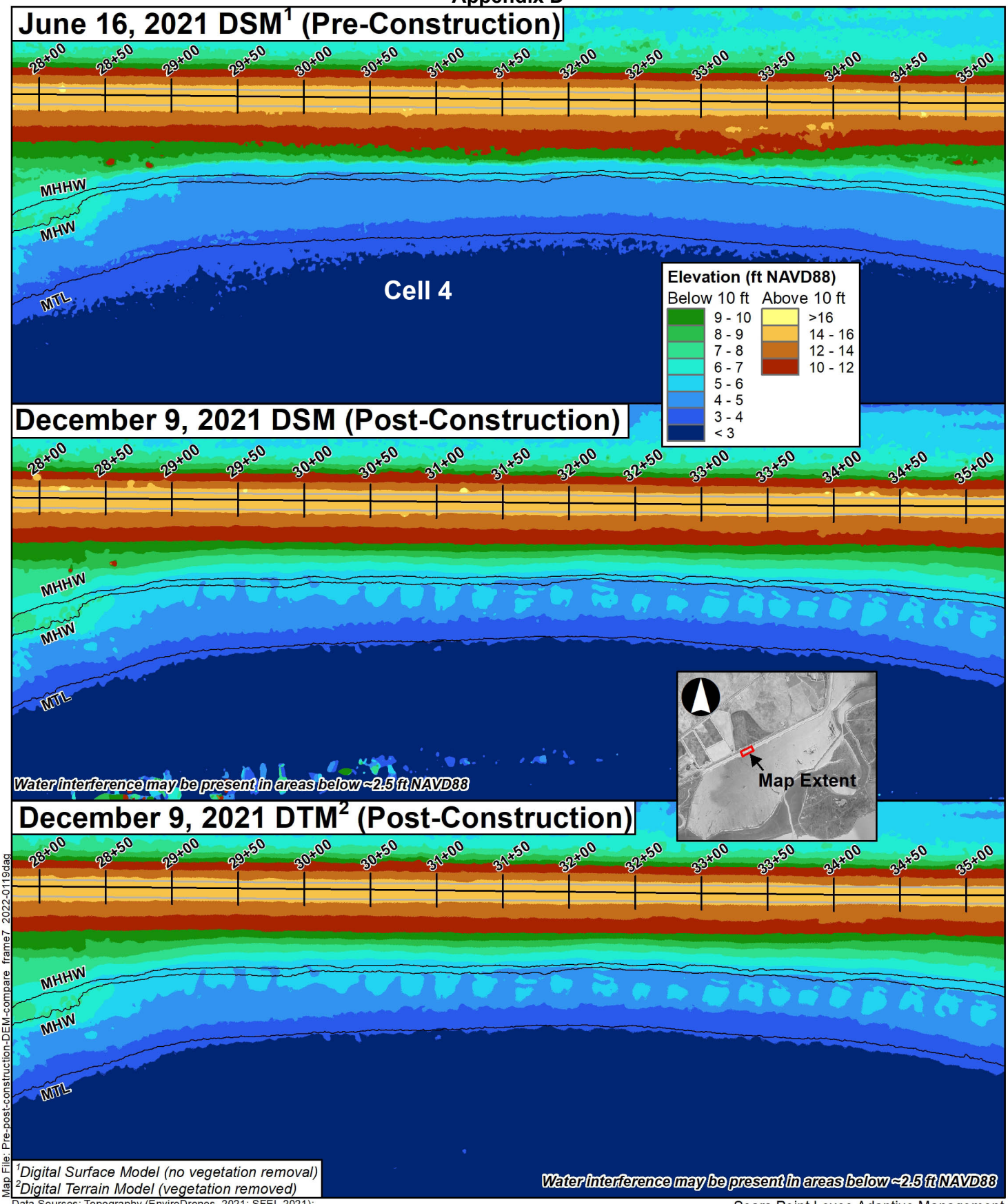
Figure 6

Frame 6 - North Levee

Pre- and Post-Construction Topography Comparison

SONOMA LAND TRUST

SIEGEL ENVIRONMENTAL



Map File: Pre-post-construction-DEM-compare_frame7_2022-0119dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

1:1,200 (1" = 100' at letter size)

0 50 100 ft

0 15 30 m

Tidal Datum Contours (2018)

Edge of Levee Trail (Dec 2021)

Sears Point Levee Adaptive Management

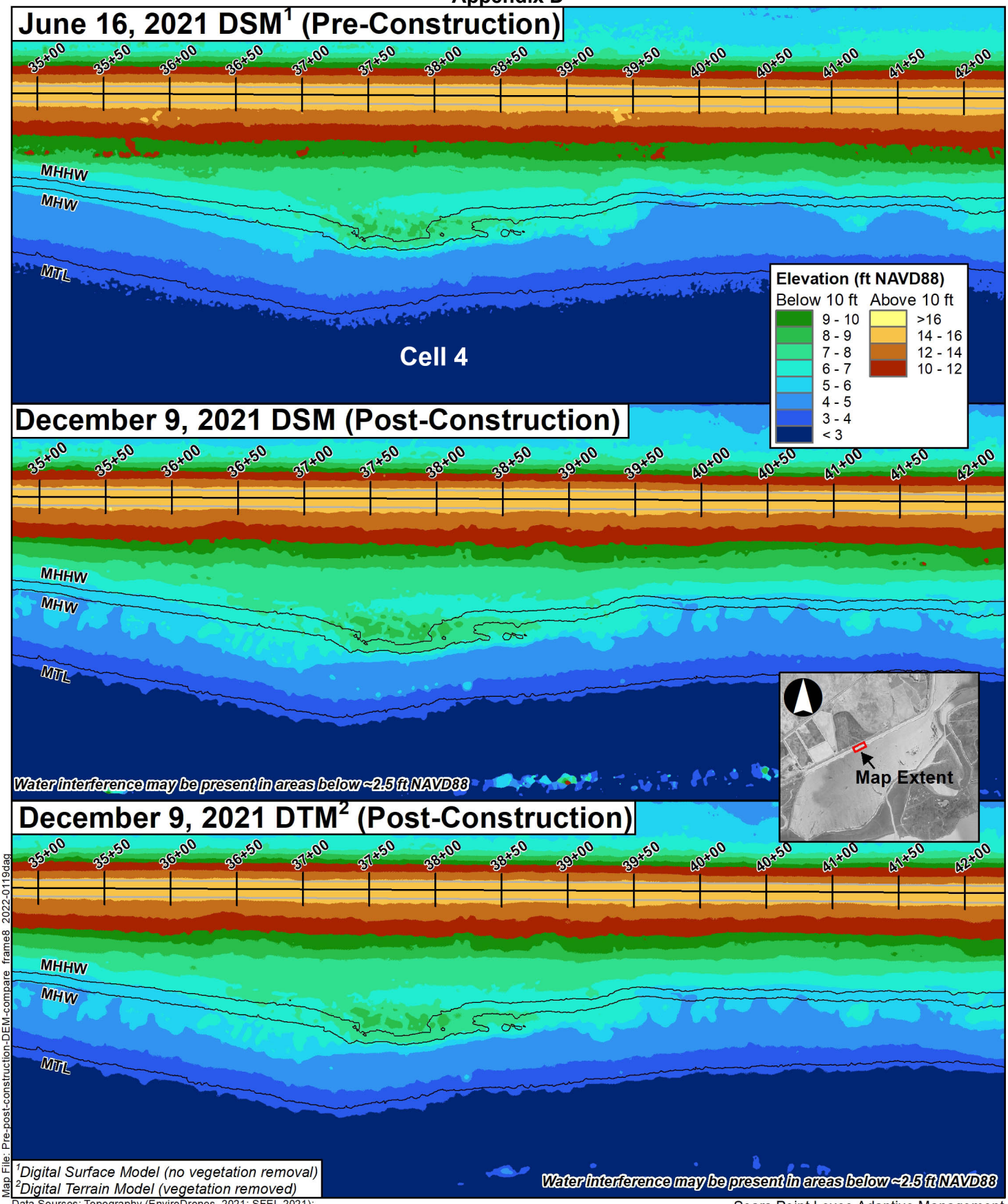
Figure 7

Frame 7 - North Levee

Pre- and Post-Construction Topography Comparison

SONOMA LAND TRUST

SIEGEL ENVIRONMENTAL



Map File: Pre-post-construction-DEM-compare_frame8_2022-0119dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

1:1,200 (1" = 100' at letter size)

0 50 100 ft

0 15 30 m

Tidal Datum Contours (2018)

Edge of Levee Trail (Dec 2021)

Sears Point Levee Adaptive Management

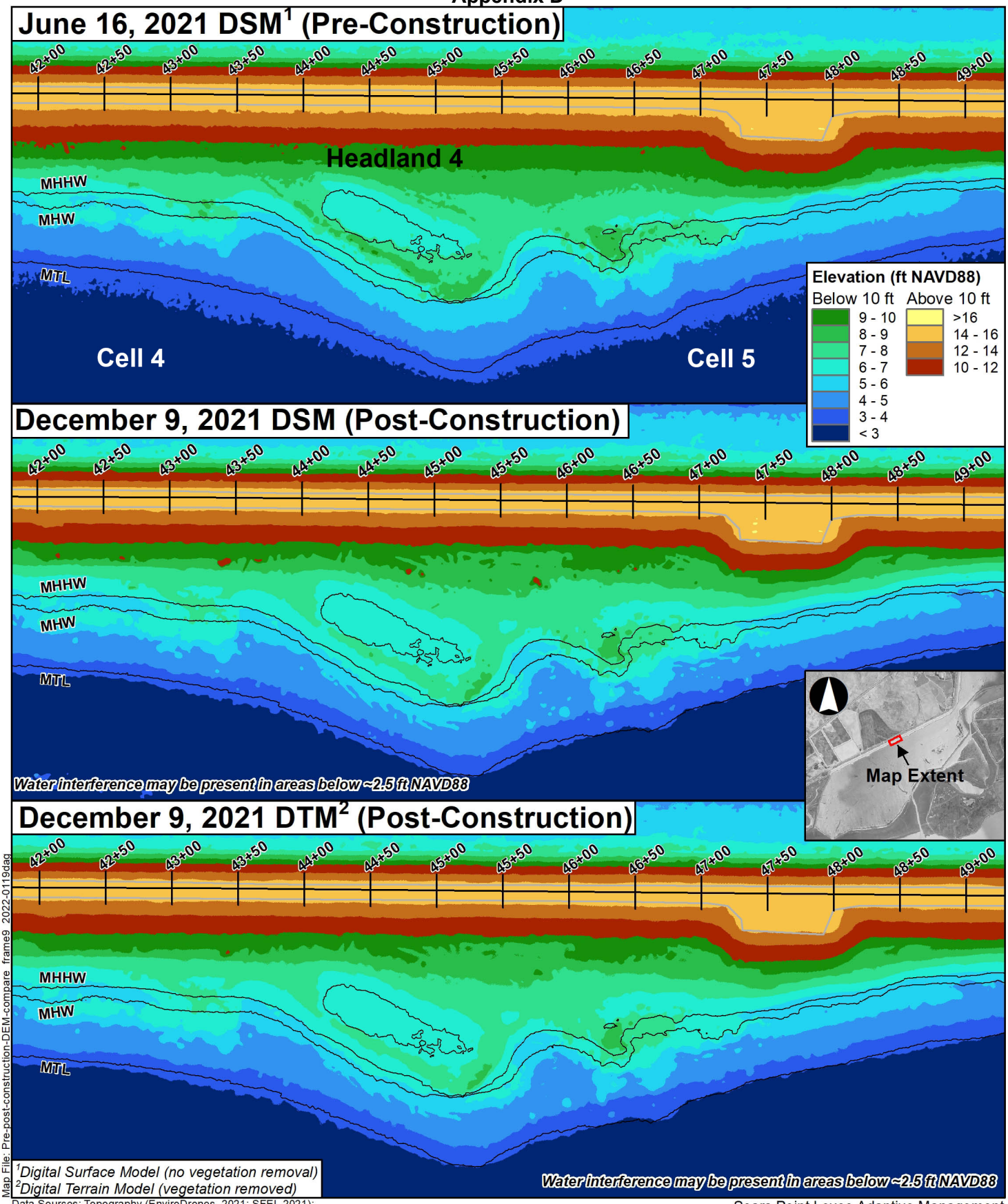
Figure 8

Frame 8 - North Levee

Pre- and Post-Construction Topography Comparison

SONOMA LAND TRUST

SIEGEL ENVIRONMENTAL



Map File: Pre-post-construction-DEM-compare_frame9_2022-0119dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

1:1,200 (1" = 100' at letter size)

0 50 100 ft

0 15 30 m

Tidal Datum Contours (2018)

Edge of Levee Trail (Dec 2021)

Sears Point Levee Adaptive Management

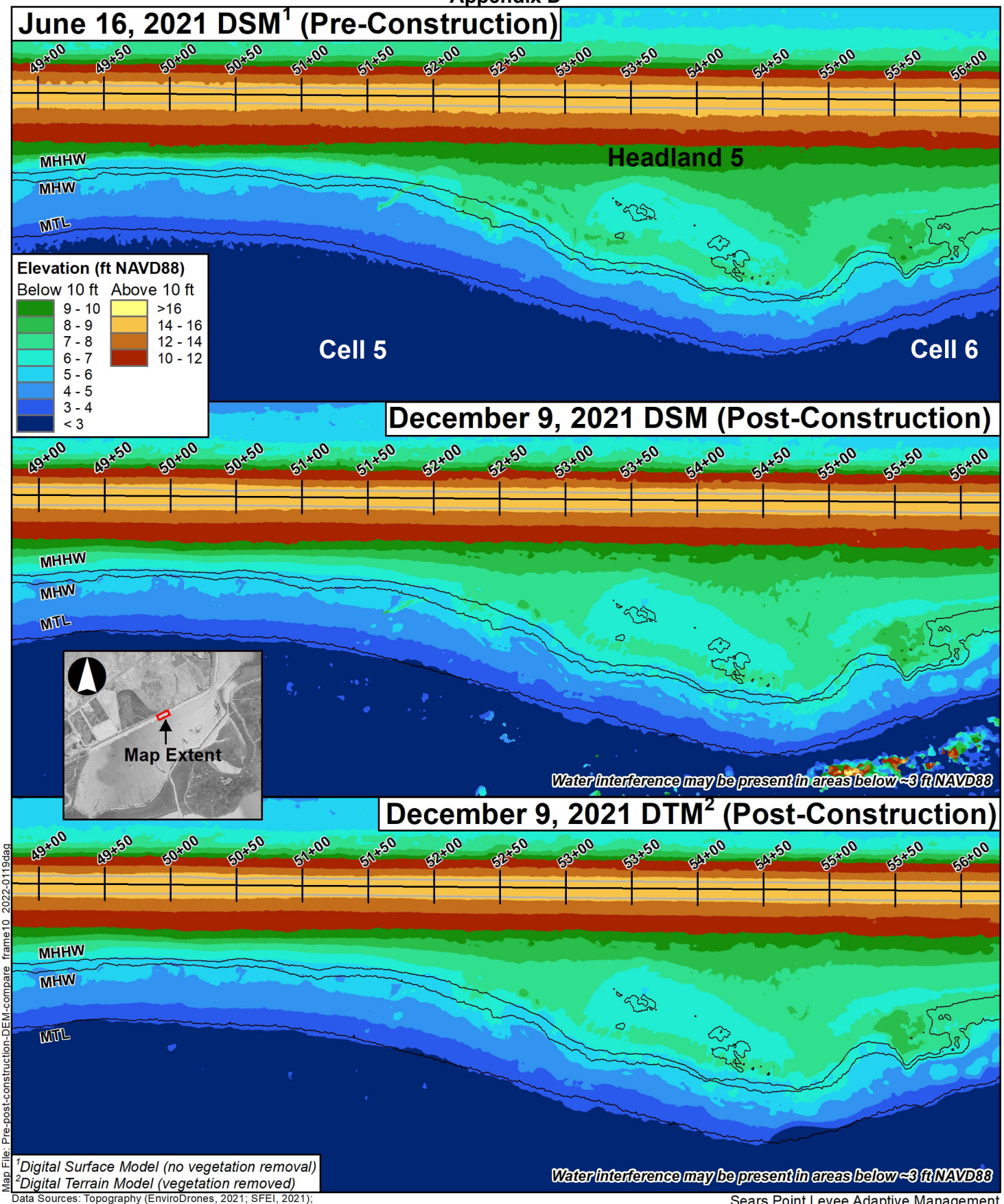
Figure 9

Frame 9 - North Levee

Pre- and Post-Construction Topography Comparison

SONOMA LAND TRUST

SIEGEL ENVIRONMENTAL



Map File: Pre-post-construction-DEM-compare_frame10_2022-0119dag

[1]*Digital Surface Model (no vegetation removal)*
[2]*Digital Terrain Model (vegetation removed)*

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

Sears Point Levee Adaptive Management

1:1,200 (1" = 100' at letter size)

0 50 100 ft
0 15 30 m

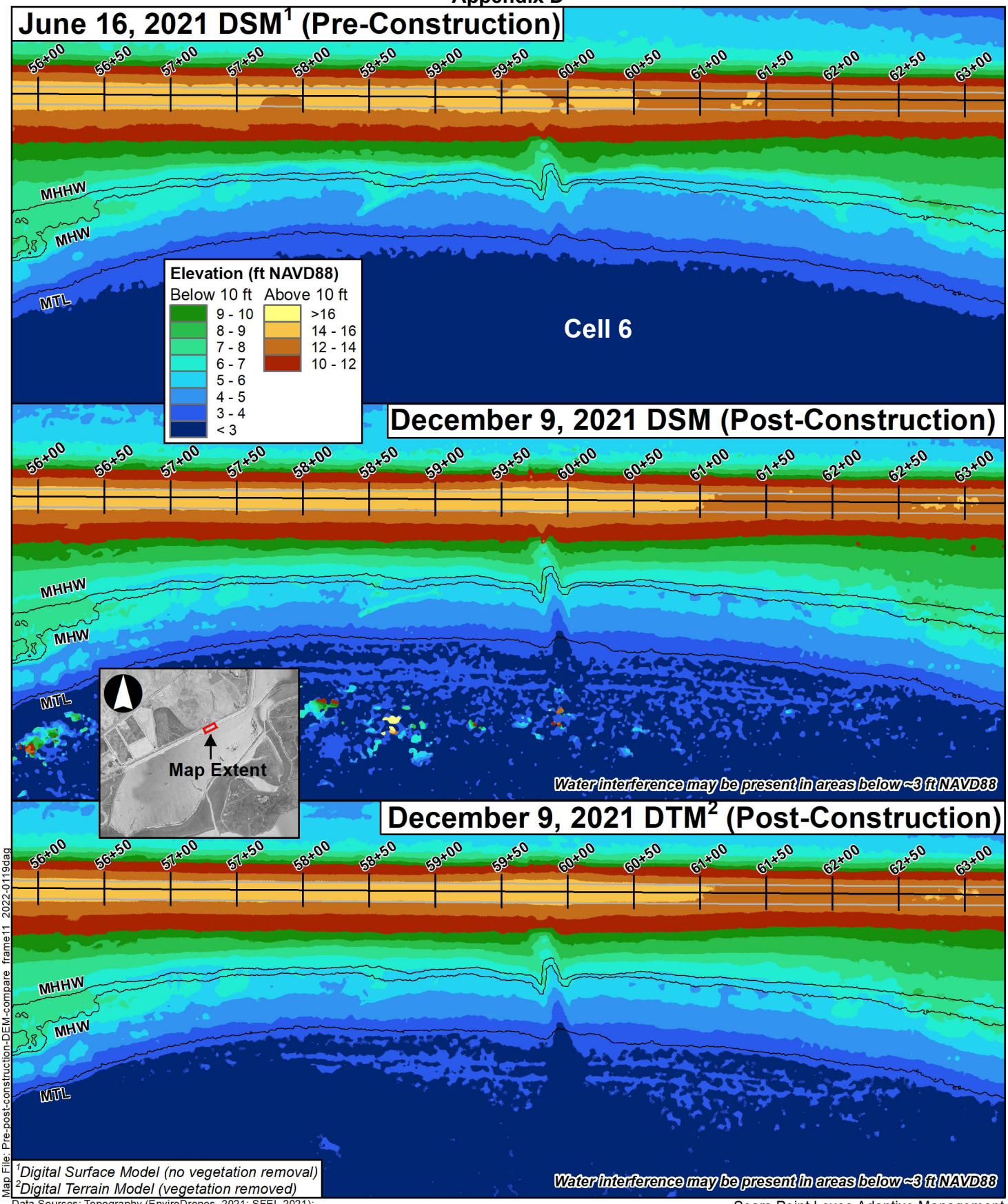
Tidal Datum Contours (2018)
Edge of Levee Trail (Dec 2021)

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SIEGEL ENVIRONMENTAL

Figure 10

Frame 10 - North Levee
Pre- and Post-Construction Topography Comparison



[1]Digital Surface Model (no vegetation removal)
[2]Digital Terrain Model (vegetation removed)

Map File: Pre-post-construction-DEM-compare_frame11_2022-0119dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

1:1,200 (1" = 100' at letter size)

0 50 100 ft

0 15 30 m

Tidal Datum Contours (2018)

Edge of Levee Trail (Dec 2021)

Sears Point Levee Adaptive Management

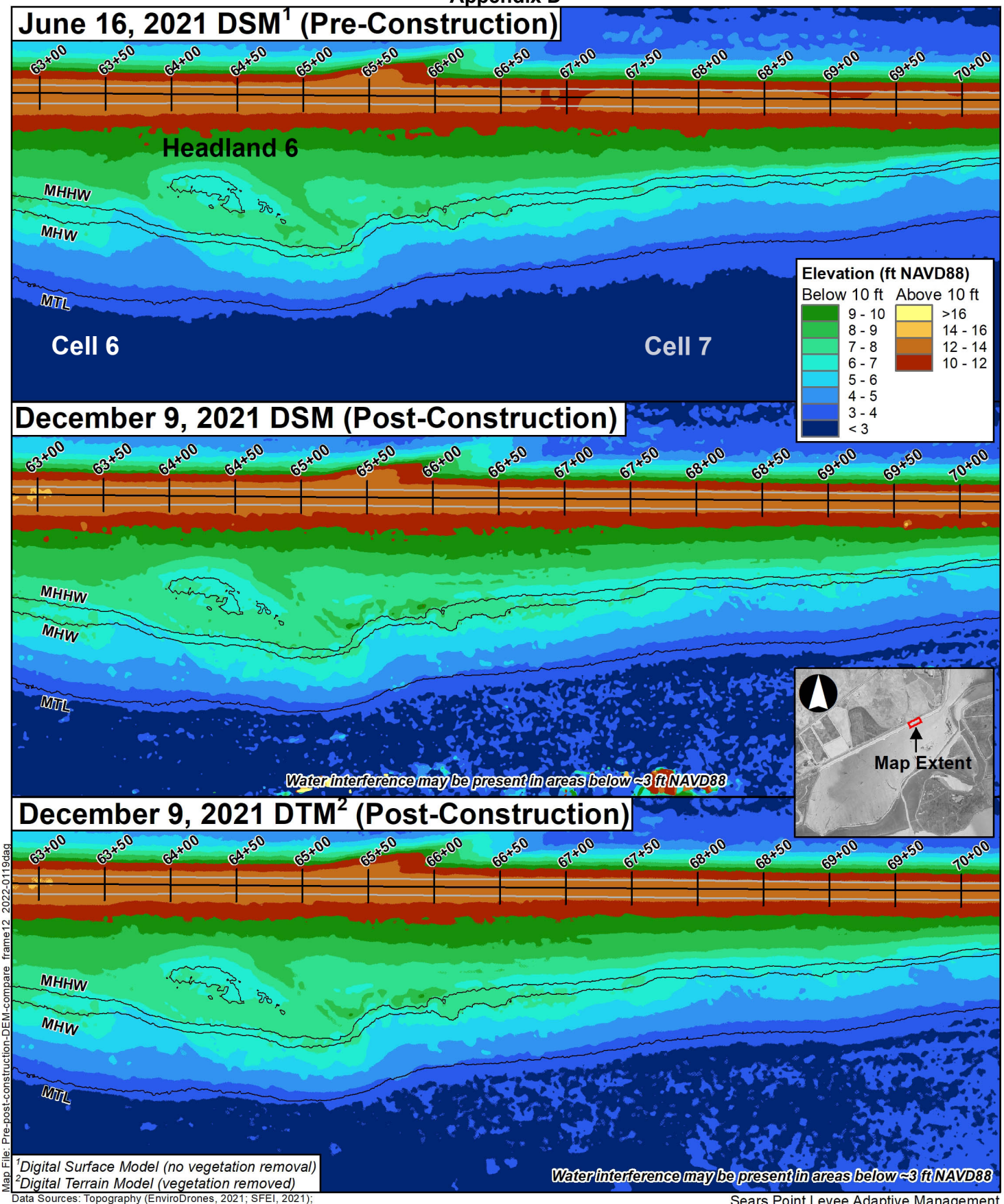
Figure 11

Frame 11 - North Levee

Pre- and Post-Construction Topography Comparison

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Map File: Pre-post-construction-DEM-compare_frame12_2022-0119dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

1:1,200 (1" = 100' at letter size)

0 50 100 ft

0 15 30 m

Tidal Datum Contours (2018)

Edge of Levee Trail (Dec 2021)

Sears Point Levee Adaptive Management

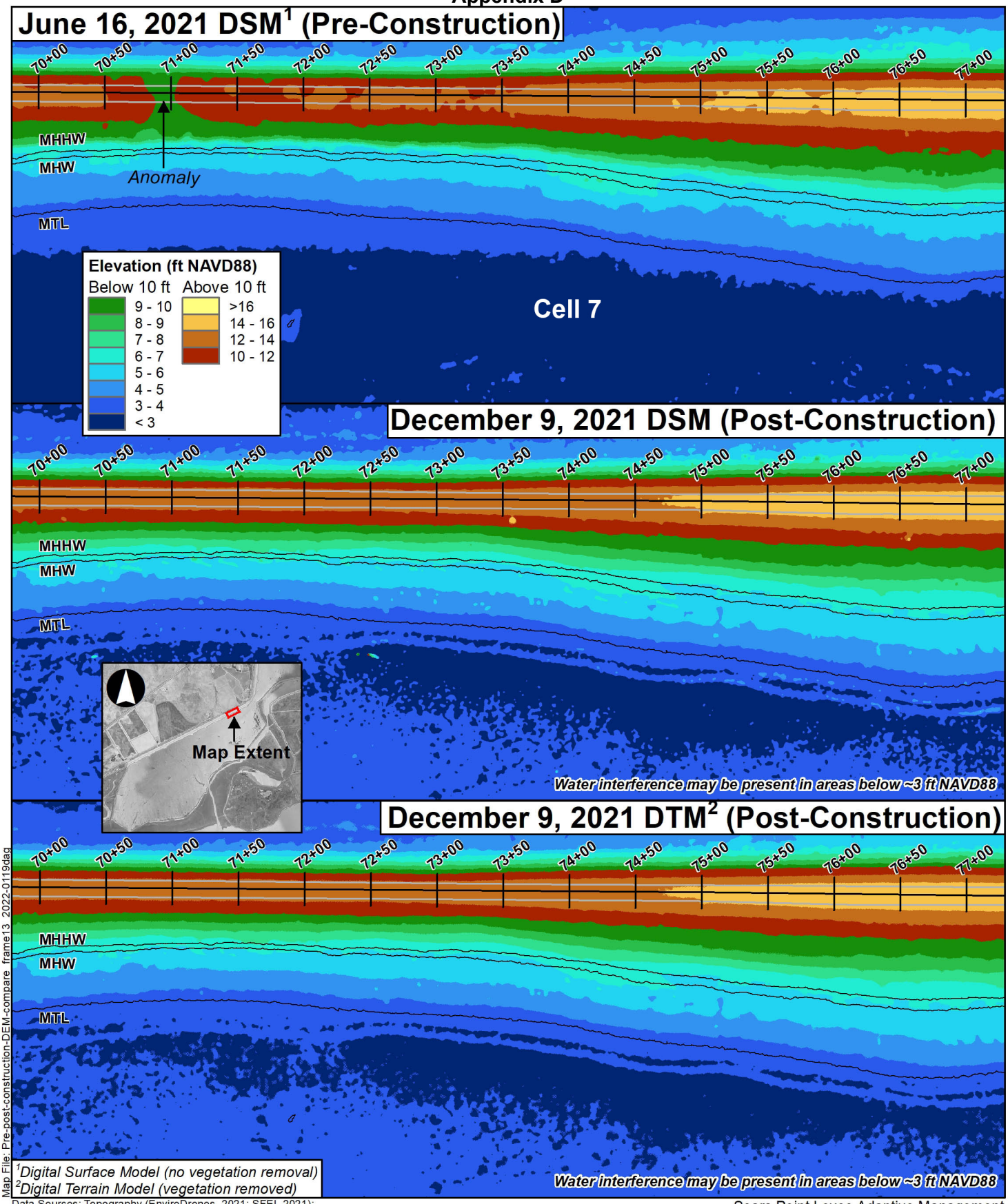
Figure 12

Frame 12 - North Levee

Pre- and Post-Construction Topography Comparison

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SIEGEL ENVIRONMENTAL



[1]Digital Surface Model (no vegetation removal)
[2]Digital Terrain Model (vegetation removed)

Map File: Pre-post-construction-DEM-compare_frame13_2022-0119dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

1:1,200 (1" = 100' at letter size)

0 50 100 ft
0 15 30 m

Tidal Datum Contours (2018)
Edge of Levee Trail (Dec 2021)

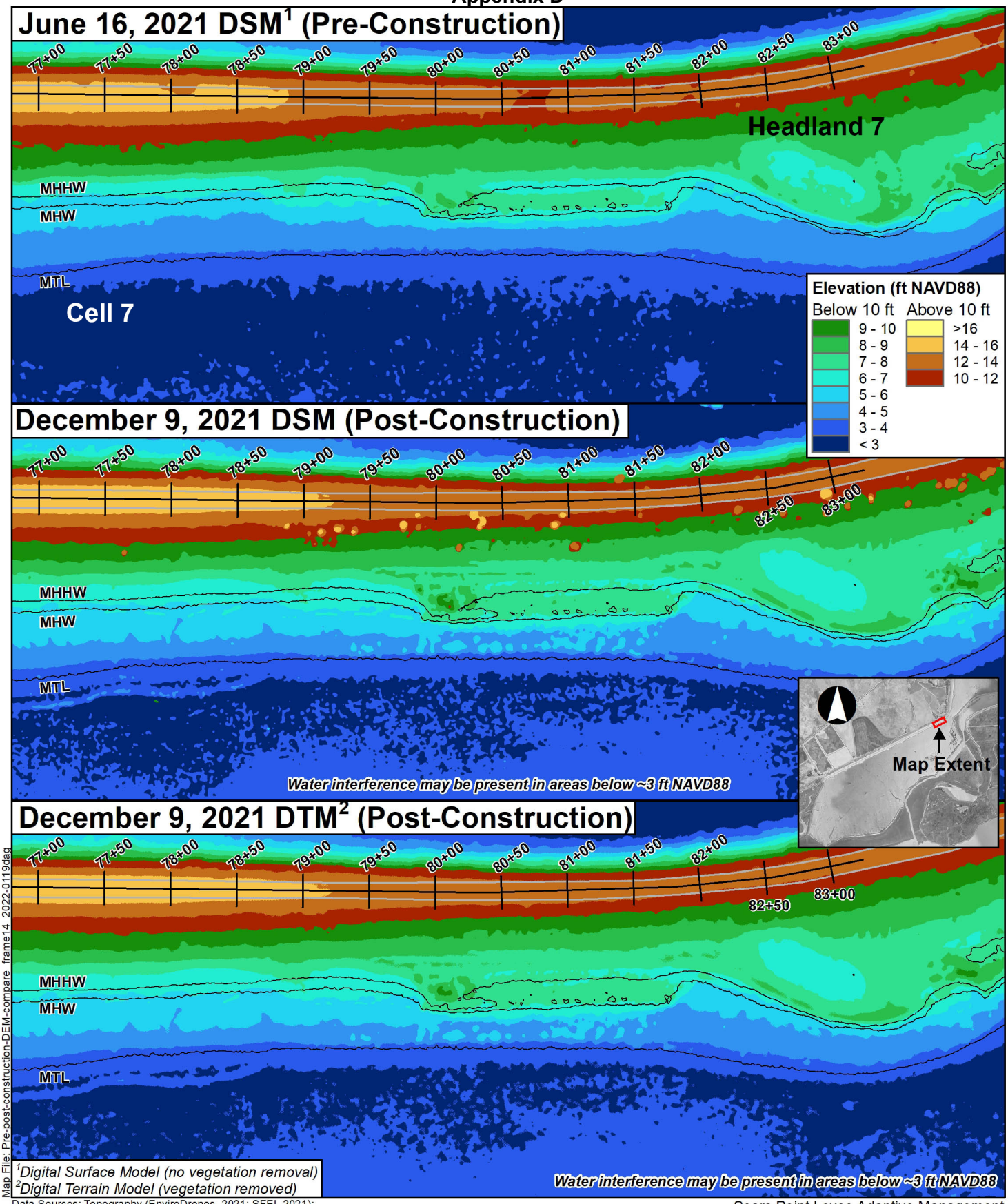
Sears Point Levee Adaptive Management

Figure 13

Frame 13 - North Levee
Pre- and Post-Construction Topography Comparison

SONOMA LAND TRUST

SIEGEL ENVIRONMENTAL



[1]Digital Surface Model (no vegetation removal)
[2]Digital Terrain Model (vegetation removed)

Map File: Pre-post-construction-DEM-compare_frame14_2022-0119dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

1:1,200 (1" = 100' at letter size)

0 50 100 ft

0 15 30 m

Tidal Datum Contours (2018)

Edge of Levee Trail (Dec 2021)

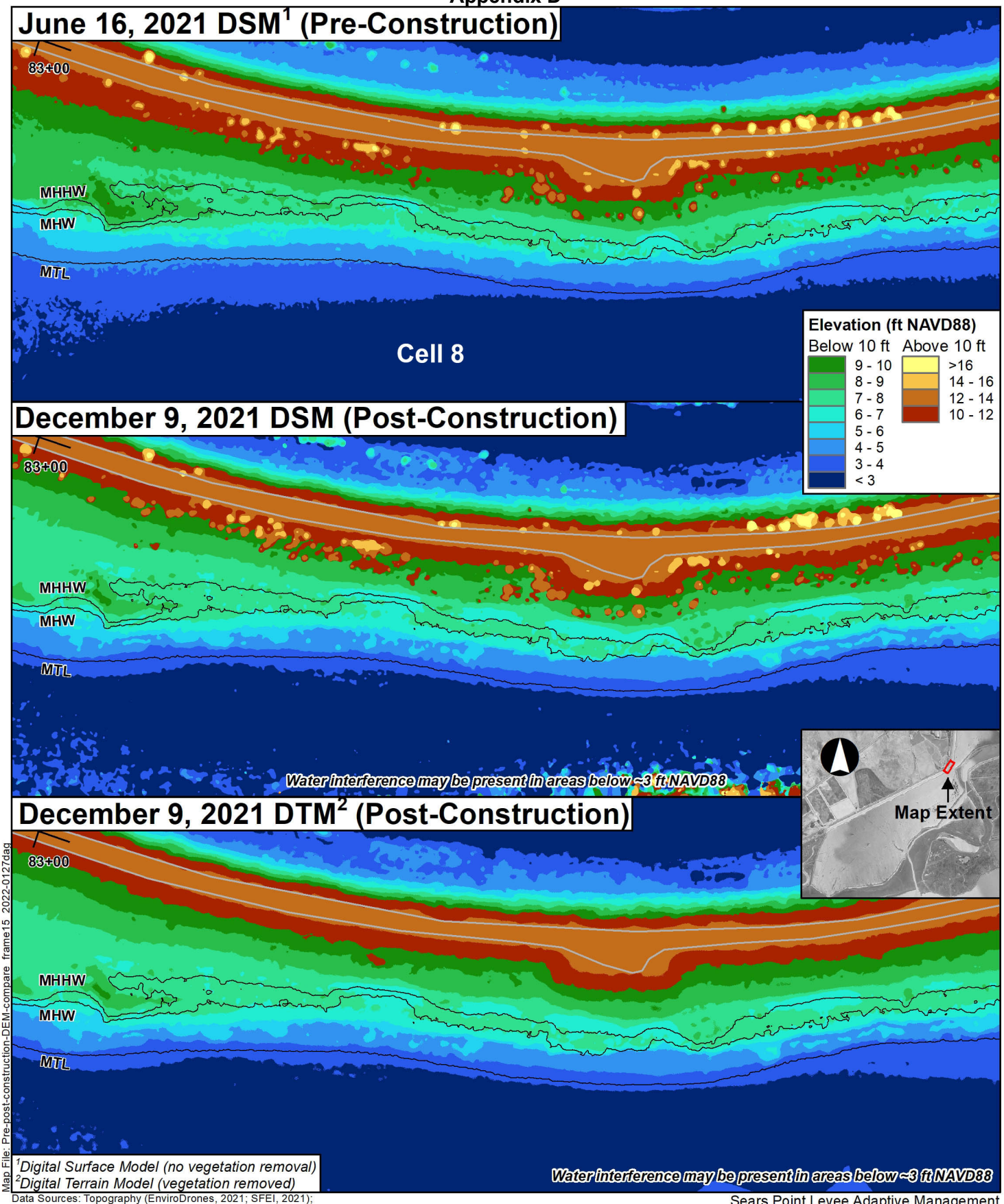
Sears Point Levee Adaptive Management

Figure 14

Frame 14 - North Levee
Pre- and Post-Construction Topography Comparison

SONOMA LAND TRUST

SIEGEL ENVIRONMENTAL



[1]Digital Surface Model (no vegetation removal)
[2]Digital Terrain Model (vegetation removed)

Map File: Pre-post-construction-DEM-compare_frame15_2022-0127dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

1:1,200 (1" = 100' at letter size)

0 50 100 ft
0 15 30 m

Tidal Datum Contours (2018)
Edge of Levee Trail (Dec 2021)

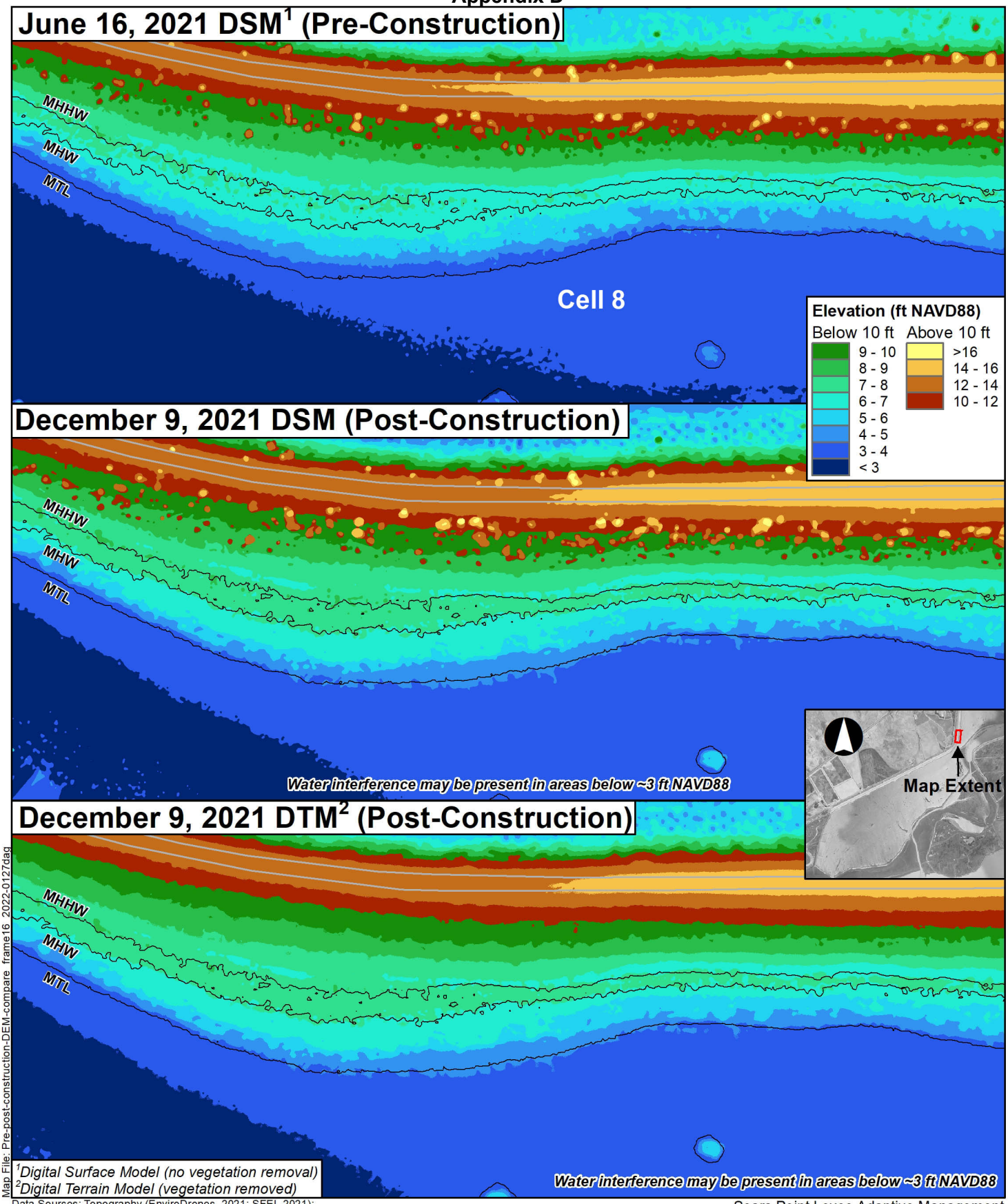
Sears Point Levee Adaptive Management

Figure 15

Frame 15 - North Levee
Pre- and Post-Construction Topography Comparison

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SIEGEL ENVIRONMENTAL



[1]Digital Surface Model (no vegetation removal)
[2]Digital Terrain Model (vegetation removed)

Map File: Pre-post-construction-DEM-compare_frame16_2022-0127dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

1:1,200 (1" = 100' at letter size)

0 50 100 ft

0 15 30 m

Tidal Datum Contours (2018)

Edge of Levee Trail (Dec 2021)

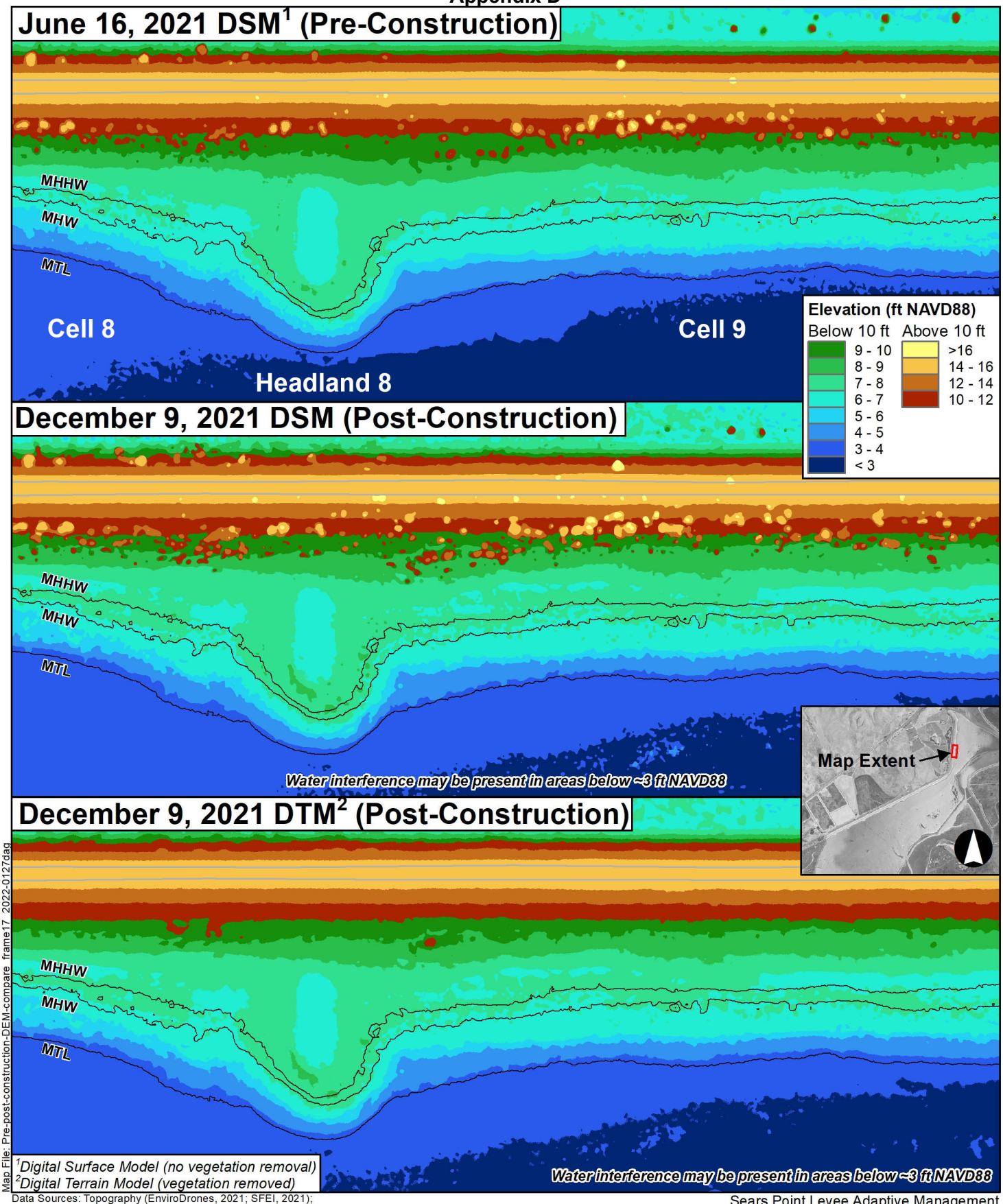
Sears Point Levee Adaptive Management

Figure 16

Frame 16 - North Levee
Pre- and Post-Construction Topography Comparison

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SIEGEL ENVIRONMENTAL



[1]Digital Surface Model (no vegetation removal)
[2]Digital Terrain Model (vegetation removed)

Map File: Pre-post-construction-DEM-compare_frame17_2022-0127dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

1:1,200 (1" = 100' at letter size)

0 50 100 ft

0 15 30 m

Tidal Datum Contours (2018)

Edge of Levee Trail (Dec 2021)

Sears Point Levee Adaptive Management

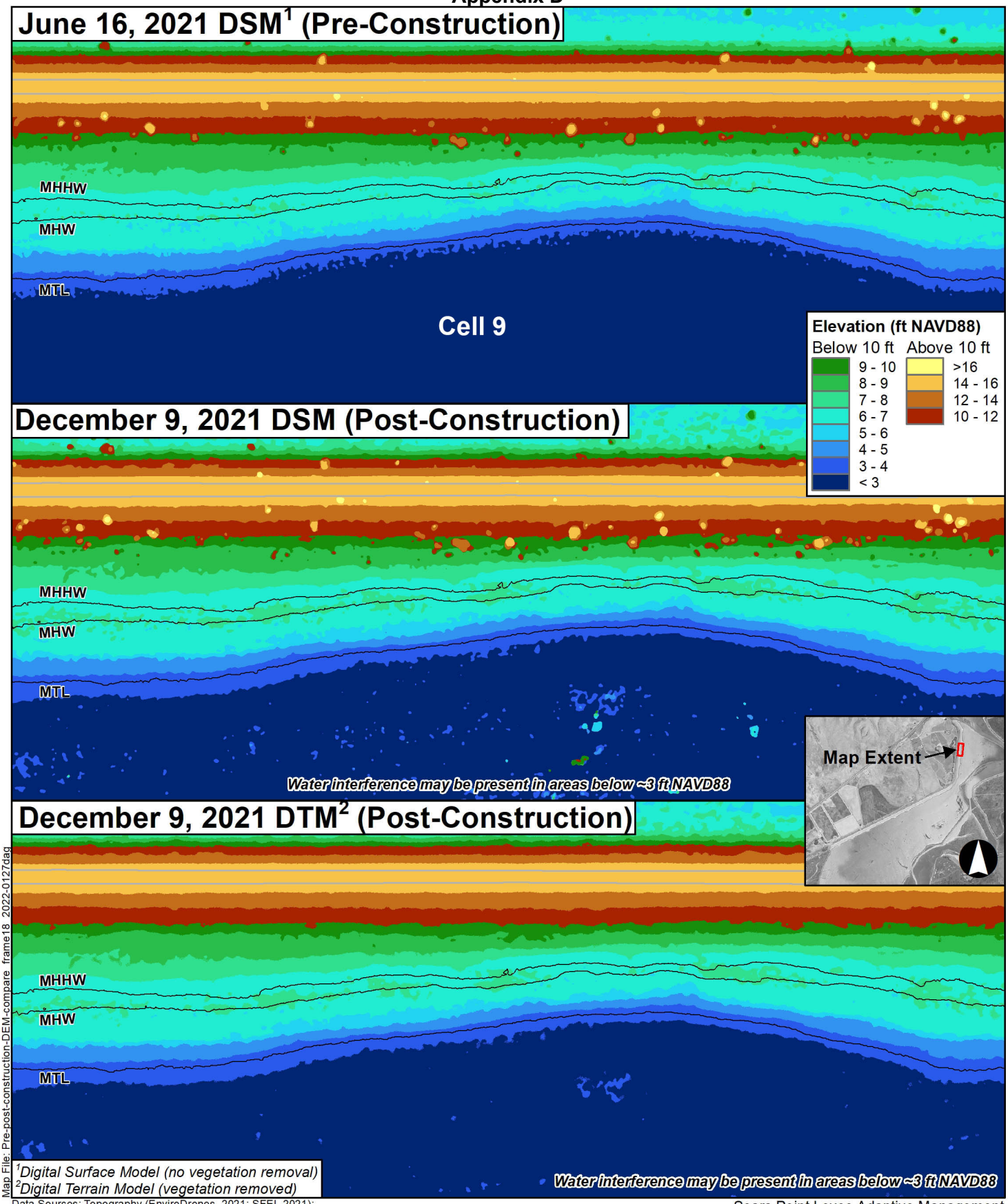
SONOMA LAND TRUST

SIEGEL ENVIRONMENTAL

Figure 17

Frame 17 - North Levee

Pre- and Post-Construction Topography Comparison



[1]Digital Surface Model (no vegetation removal)
[2]Digital Terrain Model (vegetation removed)

Map File: Pre-post-construction-DEM-compare_frame18_2022-0127dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

1:1,200 (1" = 100' at letter size)

0 50 100 ft

0 15 30 m

Tidal Datum Contours (2018)

Edge of Levee Trail (Dec 2021)

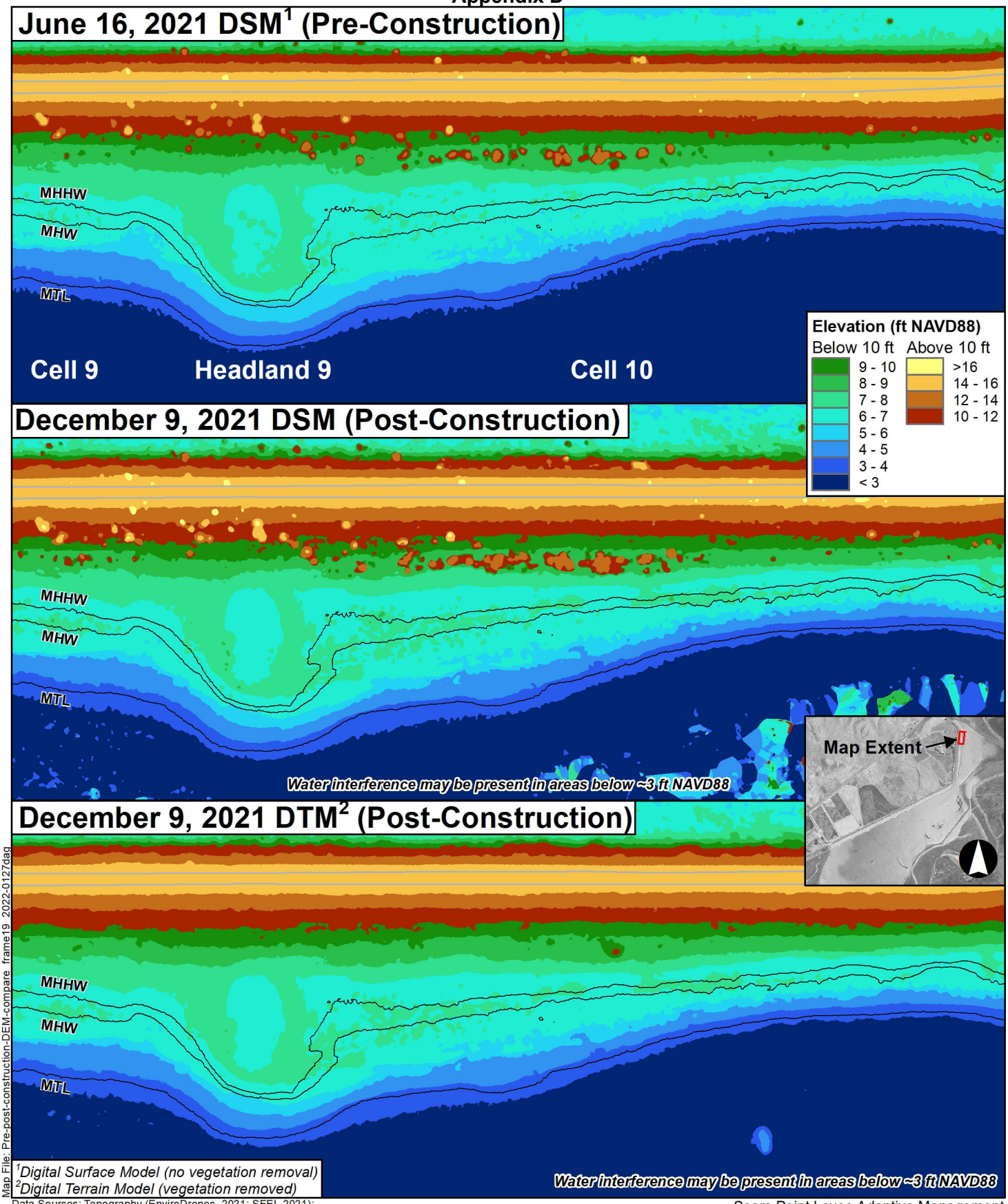
Sears Point Levee Adaptive Management

Figure 18

Frame 18 - North Levee
Pre- and Post-Construction Topography Comparison

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SIEGEL ENVIRONMENTAL



[1]Digital Surface Model (no vegetation removal)
[2]Digital Terrain Model (vegetation removed)

Map File: Pre-post-construction-DEM-compare_frame19_2022-0127dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

1:1,200 (1" = 100' at letter size)

0 50 100 ft

0 15 30 m

Tidal Datum Contours (2018)

Edge of Levee Trail (Dec 2021)

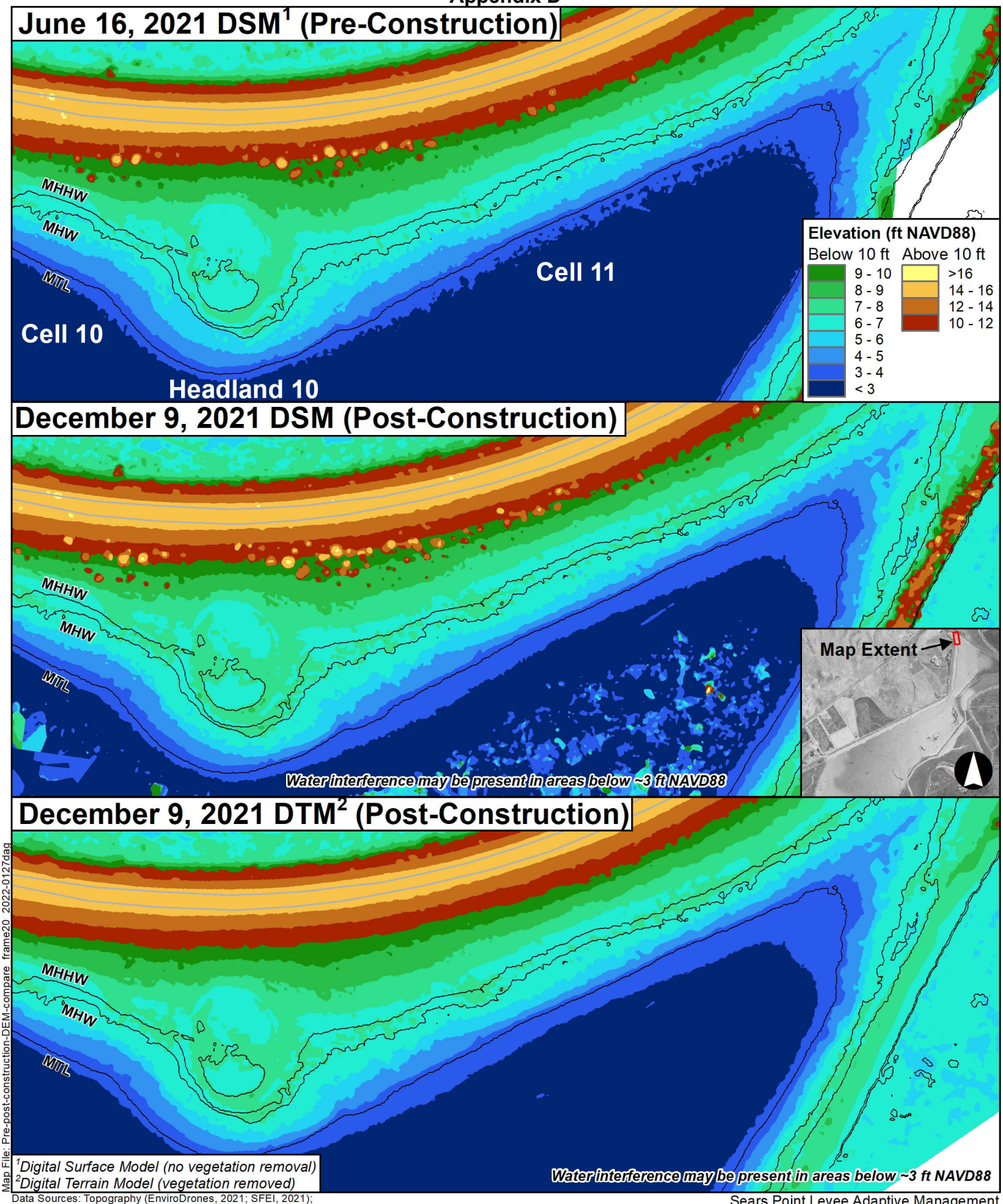
Sears Point Levee Adaptive Management

Figure 19

Frame 19 - North Levee
Pre- and Post-Construction Topography Comparison

SONOMA LAND TRUST

SIEGEL ENVIRONMENTAL



[1]Digital Surface Model (no vegetation removal)
[2]Digital Terrain Model (vegetation removed)

Map File: Pre-post-construction-DEM-compare_frame20_2022-0127dag

Data Sources: Topography (EnviroDrones, 2021; SFEI, 2021); Datum contours (QS, 2018)

1:1,200 (1" = 100' at letter size)

0 50 100 ft

0 15 30 m

Tidal Datum Contours (2018)

Edge of Levee Trail (Dec 2021)

Sears Point Levee Adaptive Management

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Figure 20

Frame 20 - North Levee

Pre- and Post-Construction Topography Comparison