## NJDEP REAL Rule Review

Graphics References for Comments on the NJDEP Resilient Environments and Landscapes (REAL) Draft Rule, Scheduled for publication in the New Jersey Register, August 5, 2024





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Table 1. Rutgers University STAP-Predicted Sea Level Rise Probability

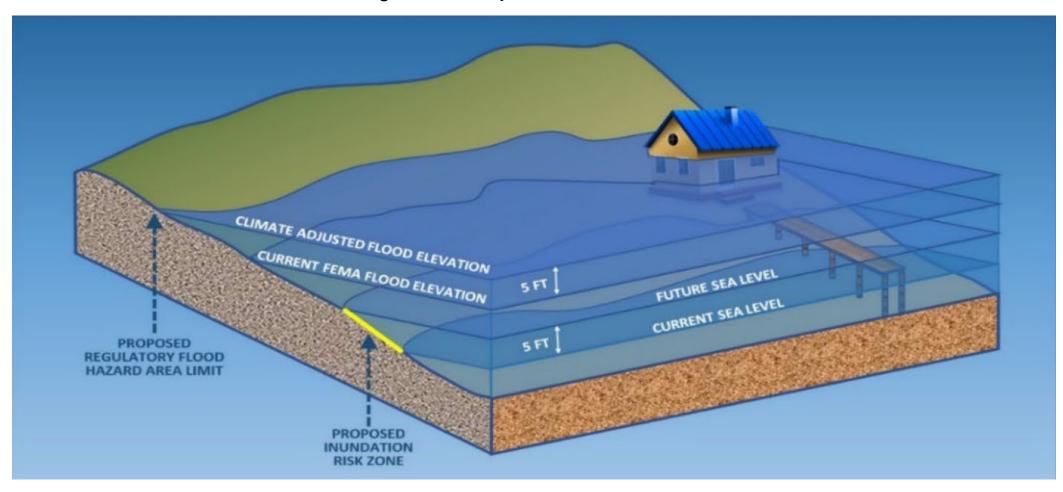
Table ES-1: New Jersey Sea-Level Rise above the year 2000 (1991-2009 average) baseline (ft)\*

		2030	2050	2070		2100			2150			
				Emissions								
	Chance SLR Exceeds			Low	Mod.	High	Low	Mod.	High	Low	Mod.	High
Low End	> 95% chance	0.3	0.7	0.9	1	1.1	1.0	1.3	1.5	1.3	2.1	2.9
Likely Range	> 83% chance	0.5	0.9	1.3	1.4	1.5	1.7	2.0	2.3	2.4	3.1	3.8
	~50 % chance	0.8	1.4	1.9	2.2	2.4	2.8	3.3	3.9	4.2	5.2	6.2
	<17% chance	1.1	2.1	2.7	3.1	3.5	3.9	5.1	6.3	6.3	8.3	10.3
High End	< 5% chance	1.3	2.6	3.2	3.8	4.4	5.0	6.9	8.8	8.0	13.8	19.6

<sup>\*2010 (2001-2019</sup> average) Observed = 0.2 ft

Rutgers University STAP, https://njclimateresourcecenter.rutgers.edu/resources/nj-sea-level-rise-reports/, 2019

Diagram 1. Composite of IRZ and CAFE



Graphic Excerpt: NJDEP REAL Sea Level Rise & Inundation Risk Zone Fact Sheet, May 20, 2024

Diagram 2. Current Sea Level in MHHW

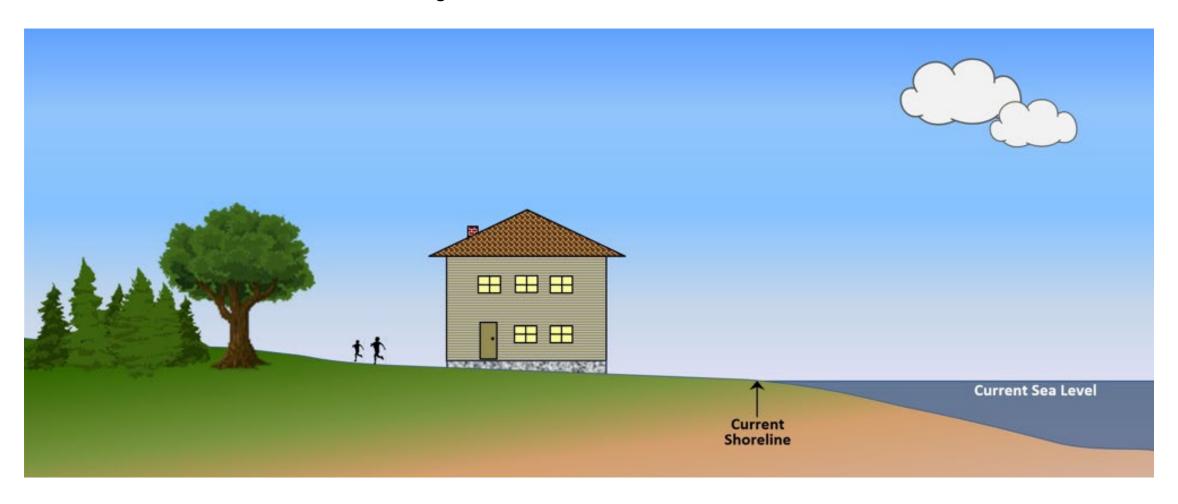
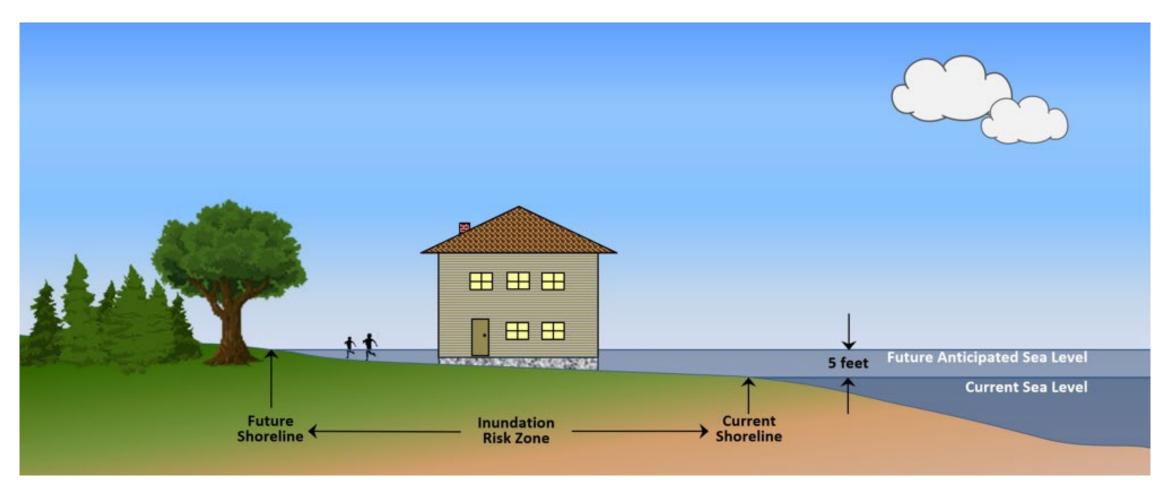
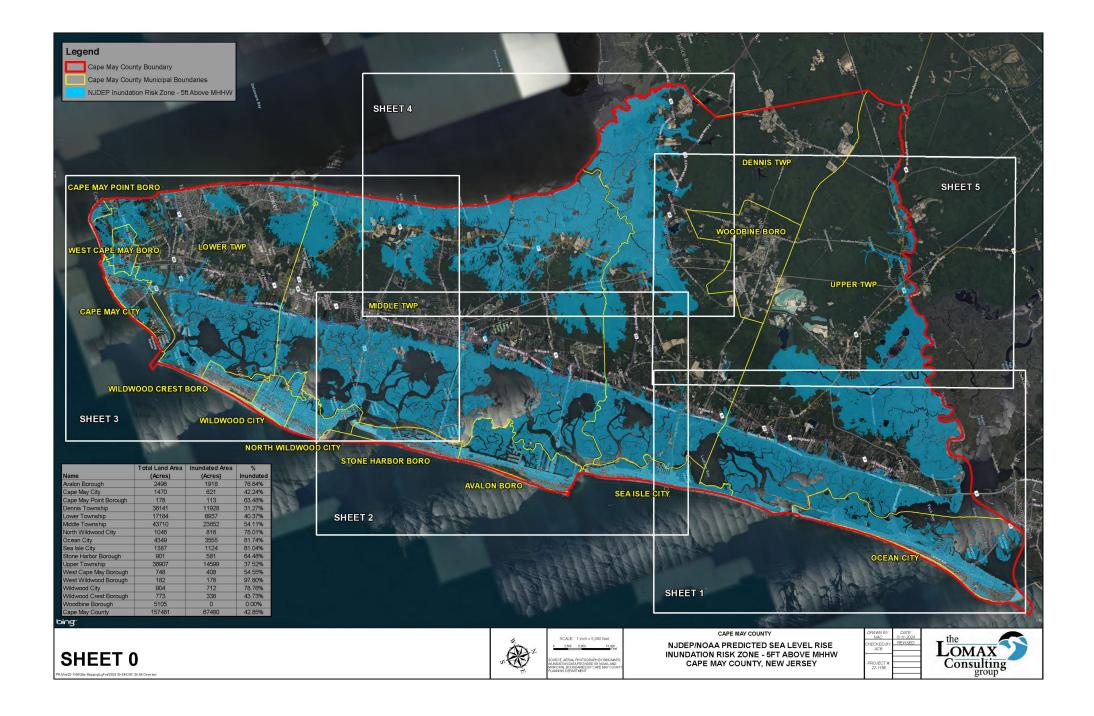
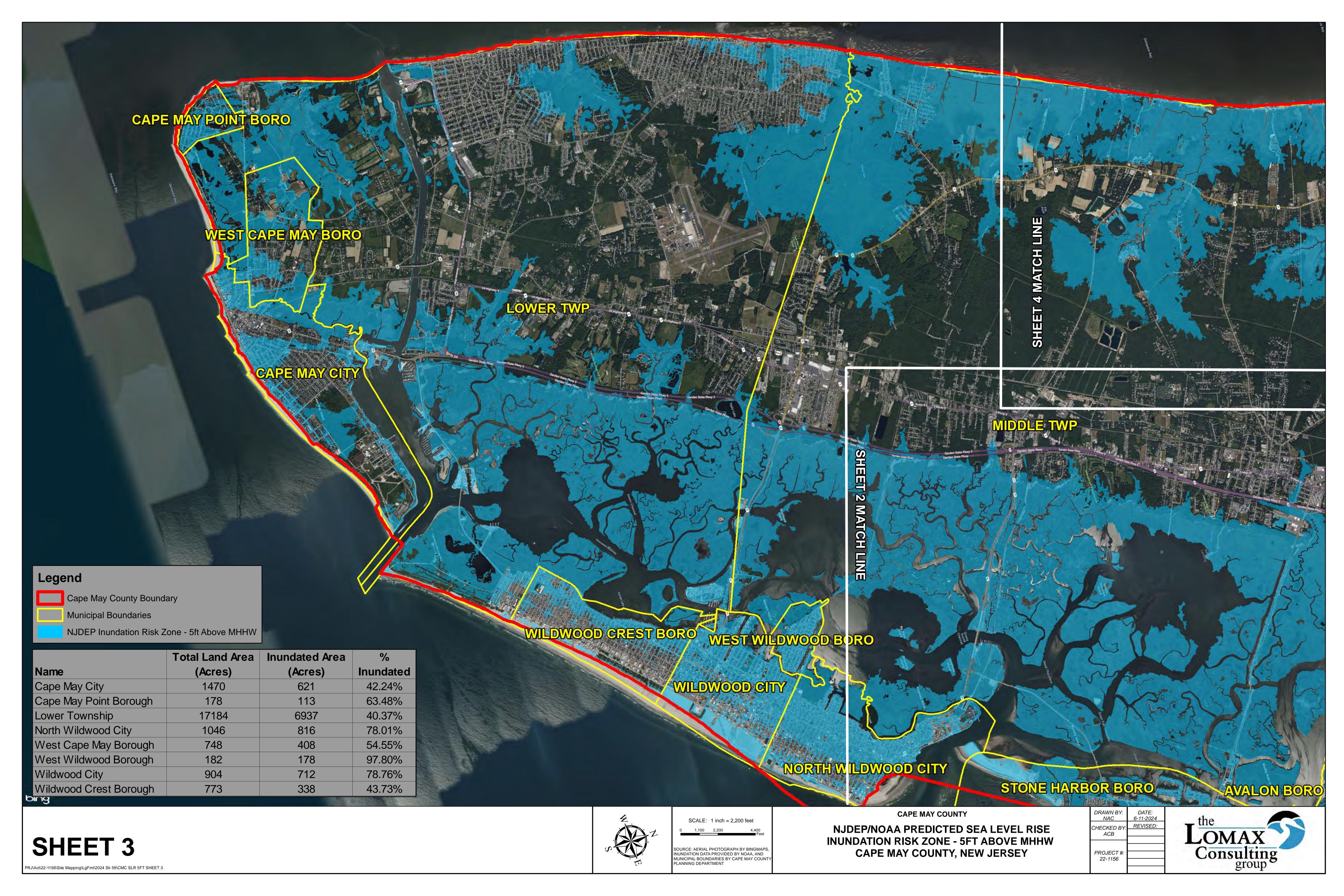
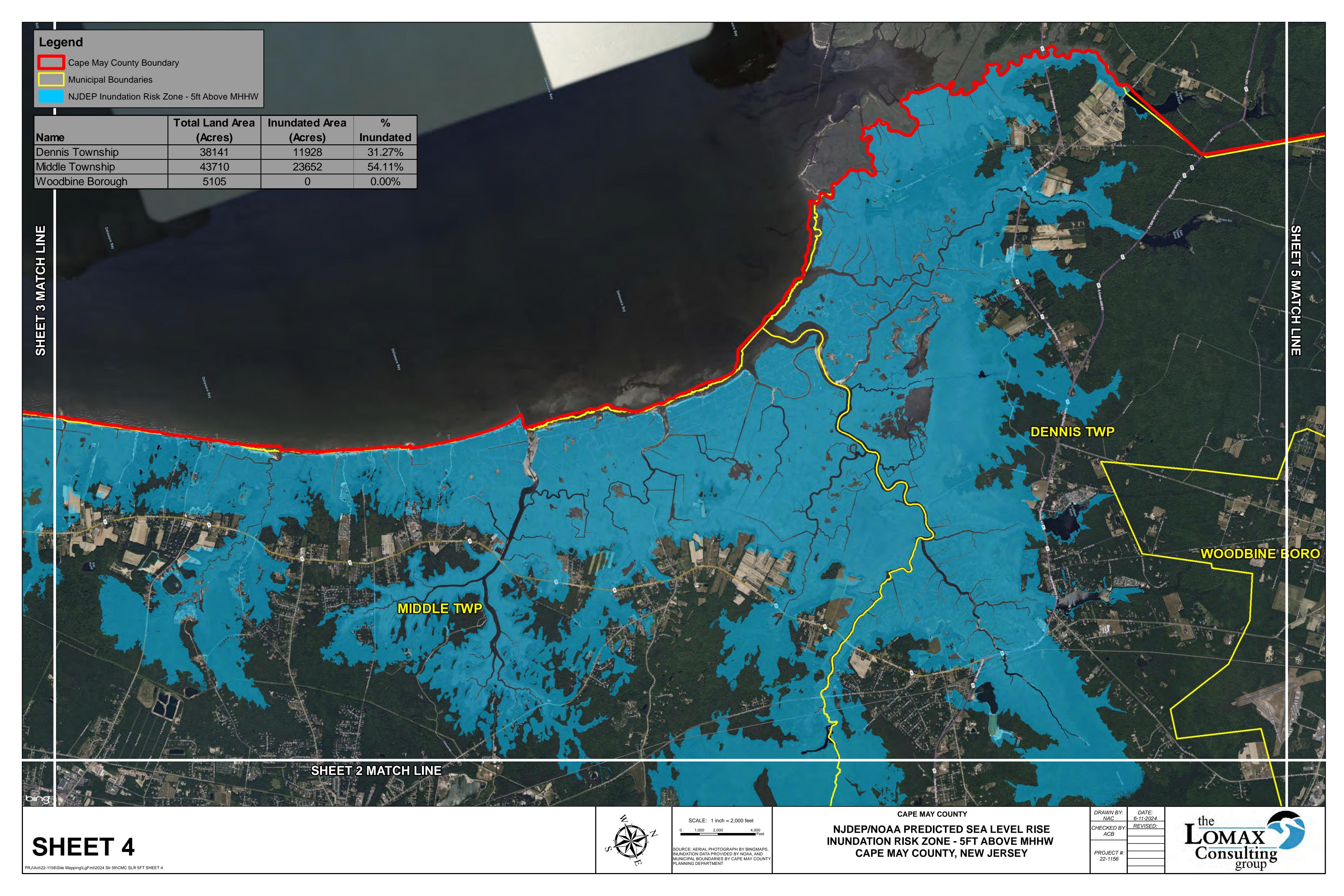


Diagram 3. Future Anticipated Sea Level (Year 2100) in MHHW









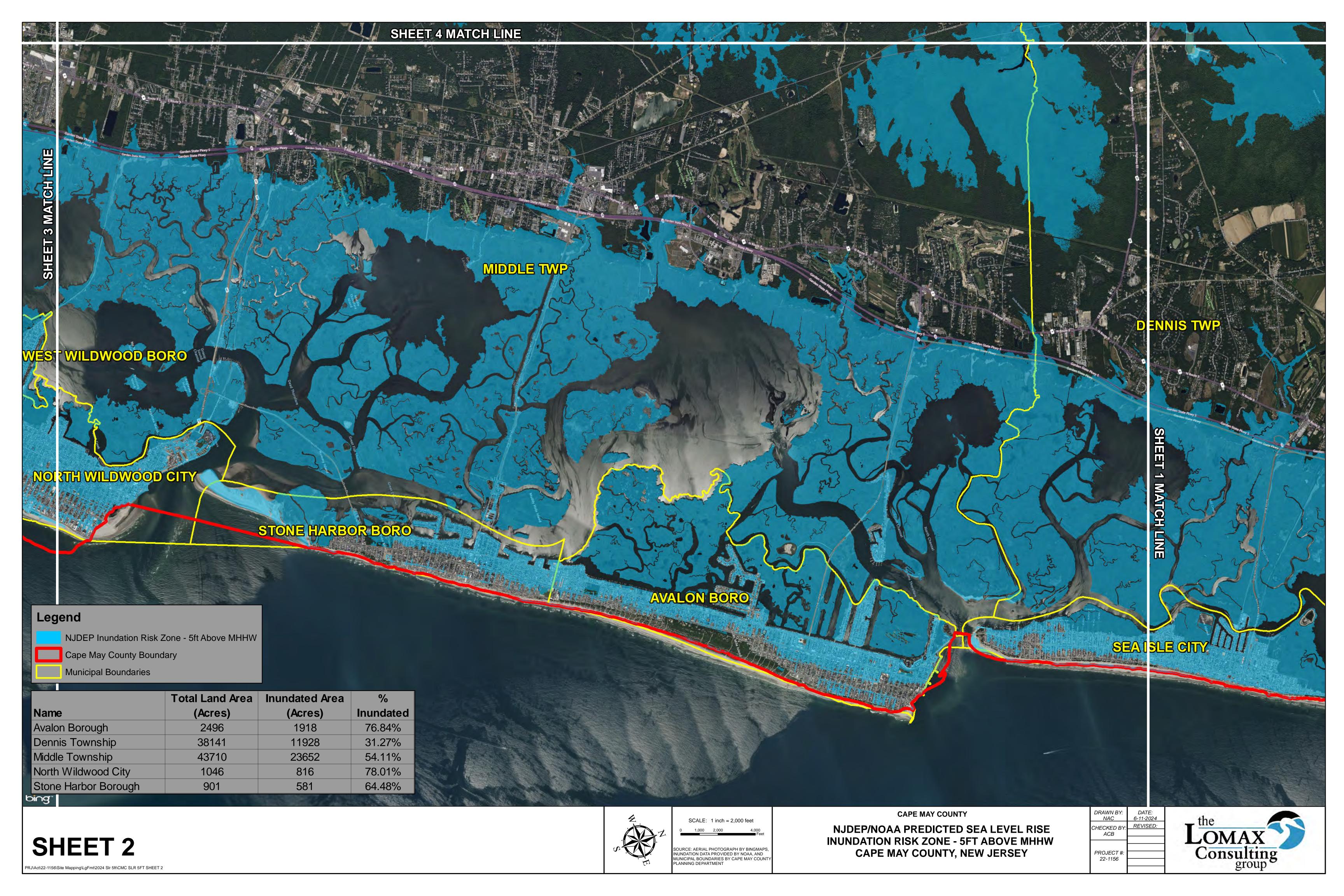
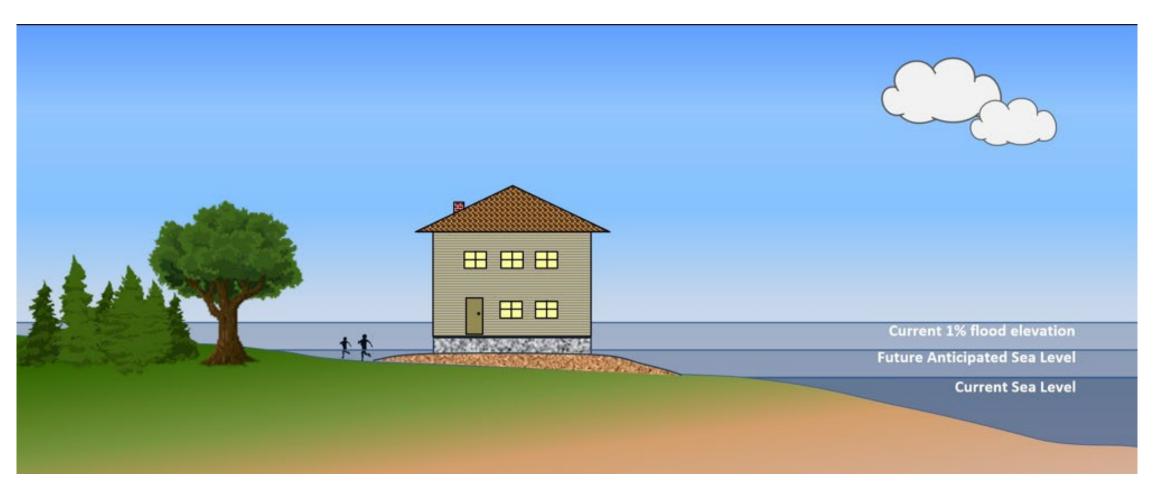
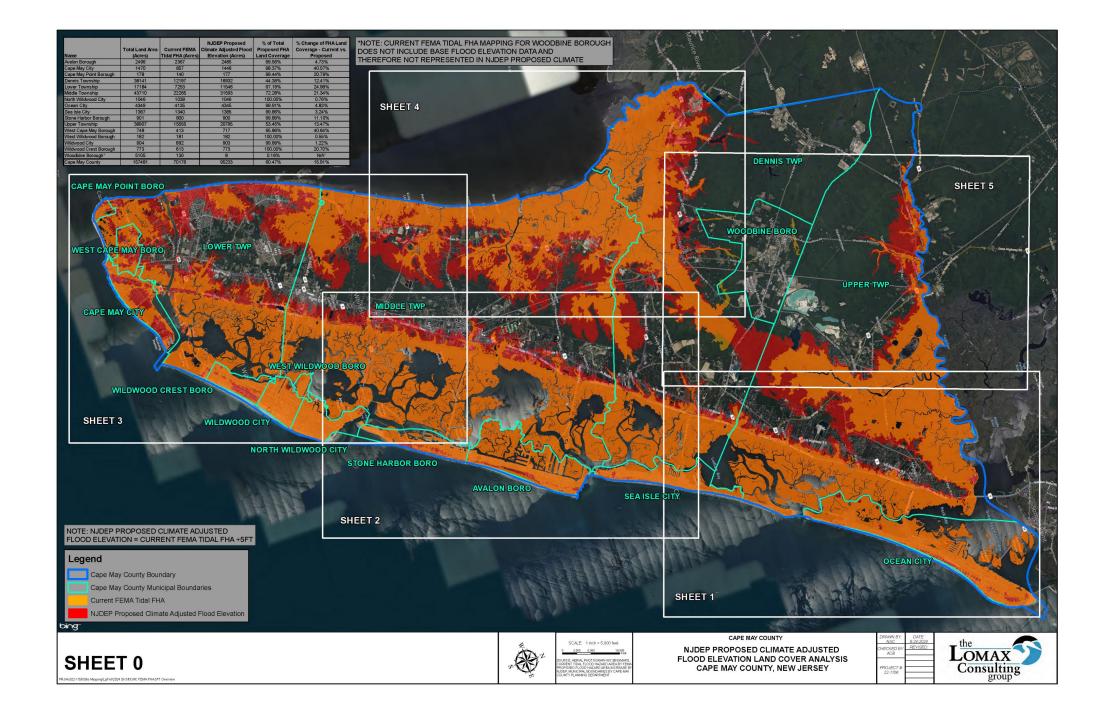


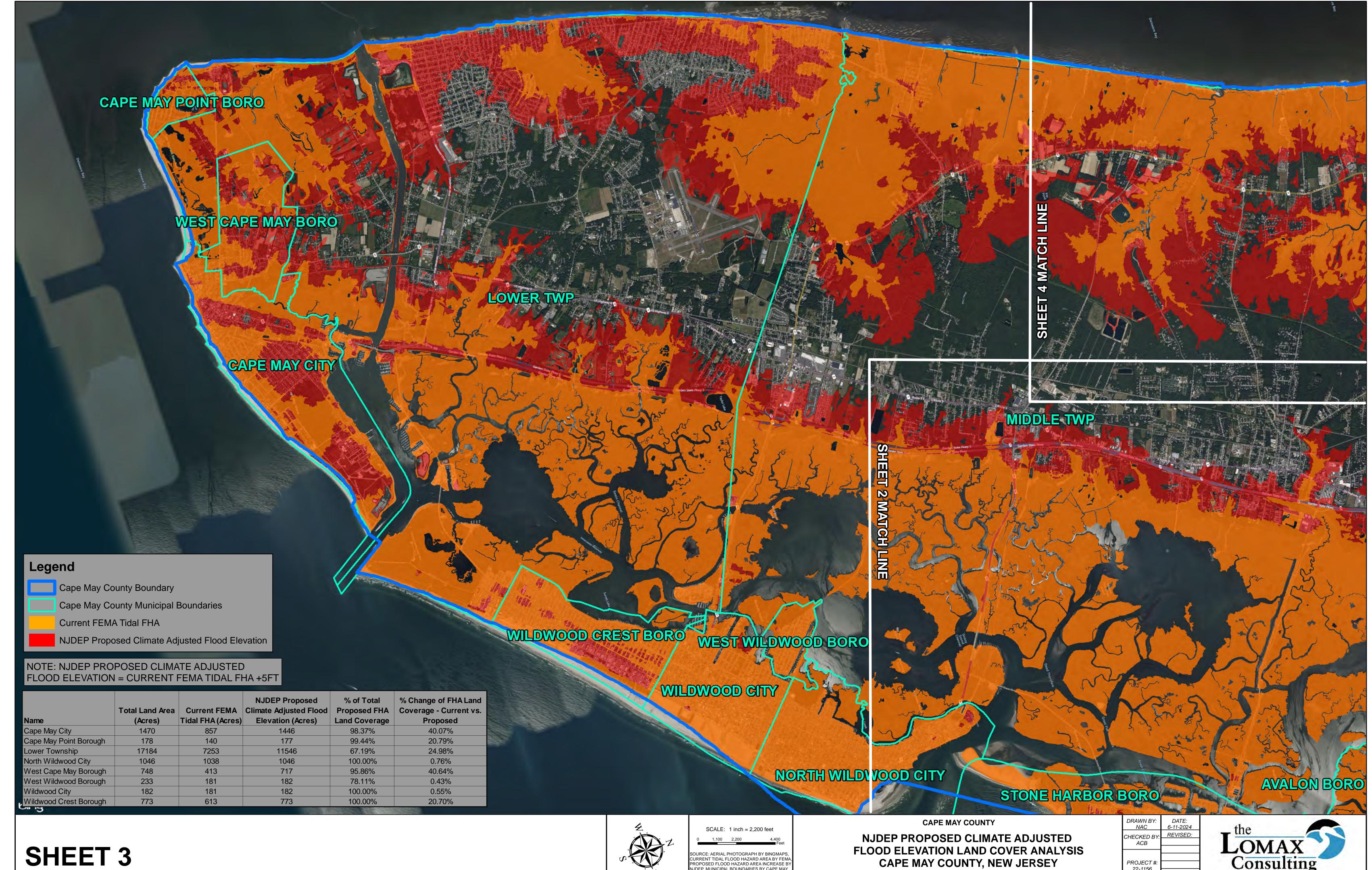
Diagram 4. Current FEMA 100-year (1%) Flood Elevation



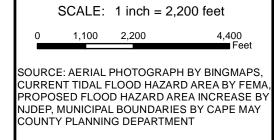
**Diagram 5. Climate Adjusted Flood Elevation (Year 2100)** 





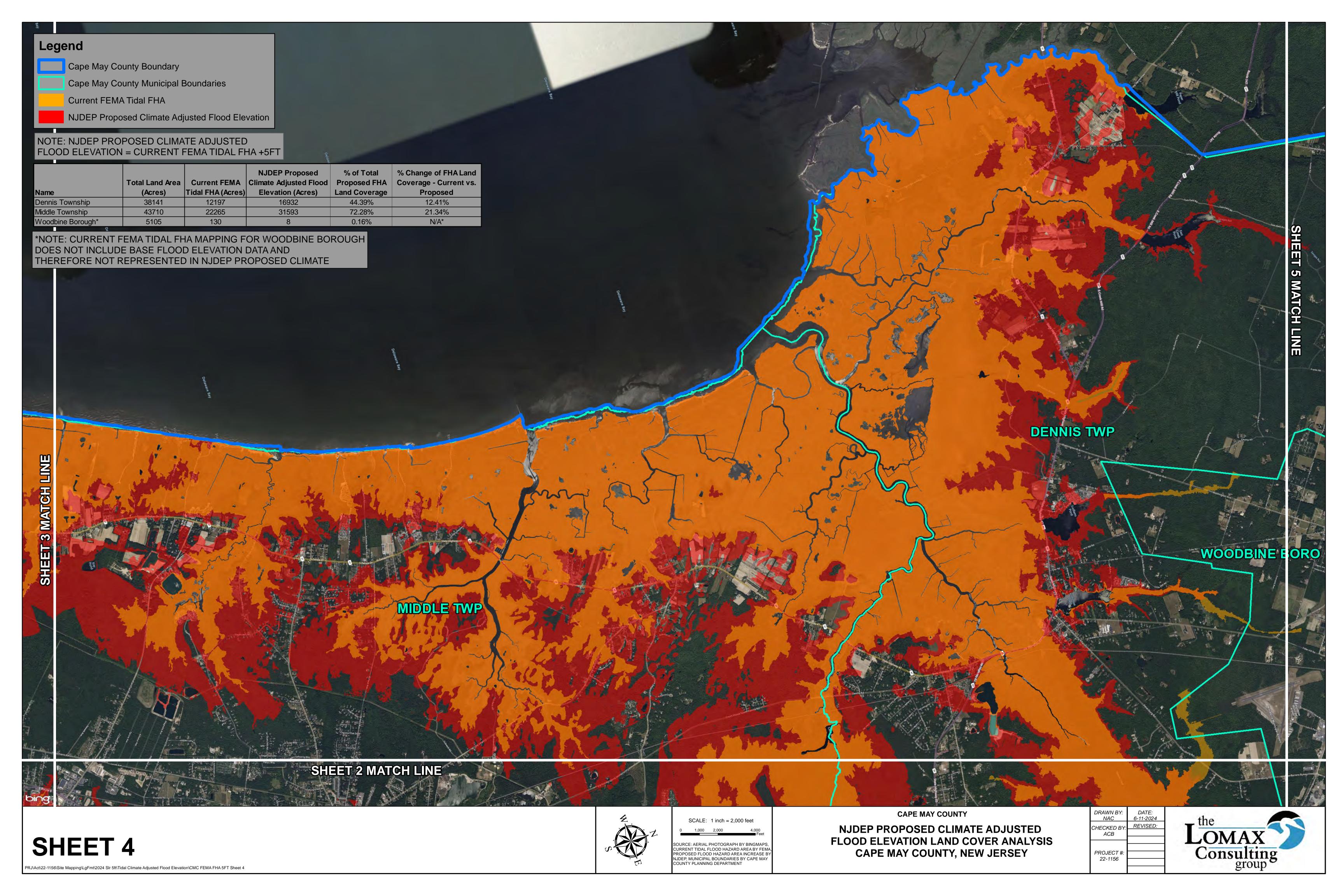


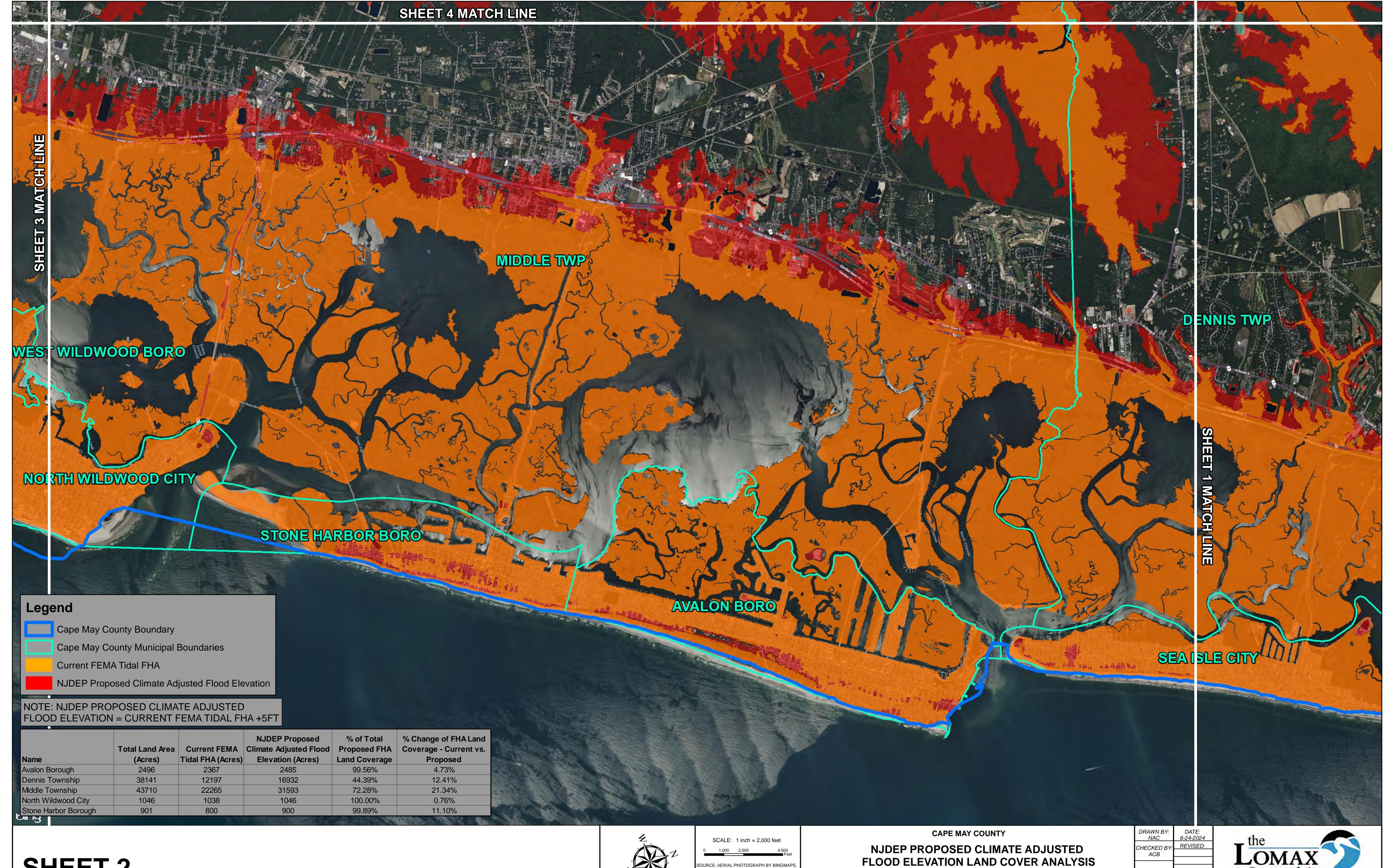




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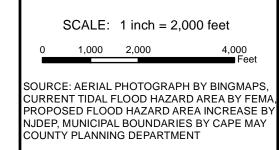






SHEET 2





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