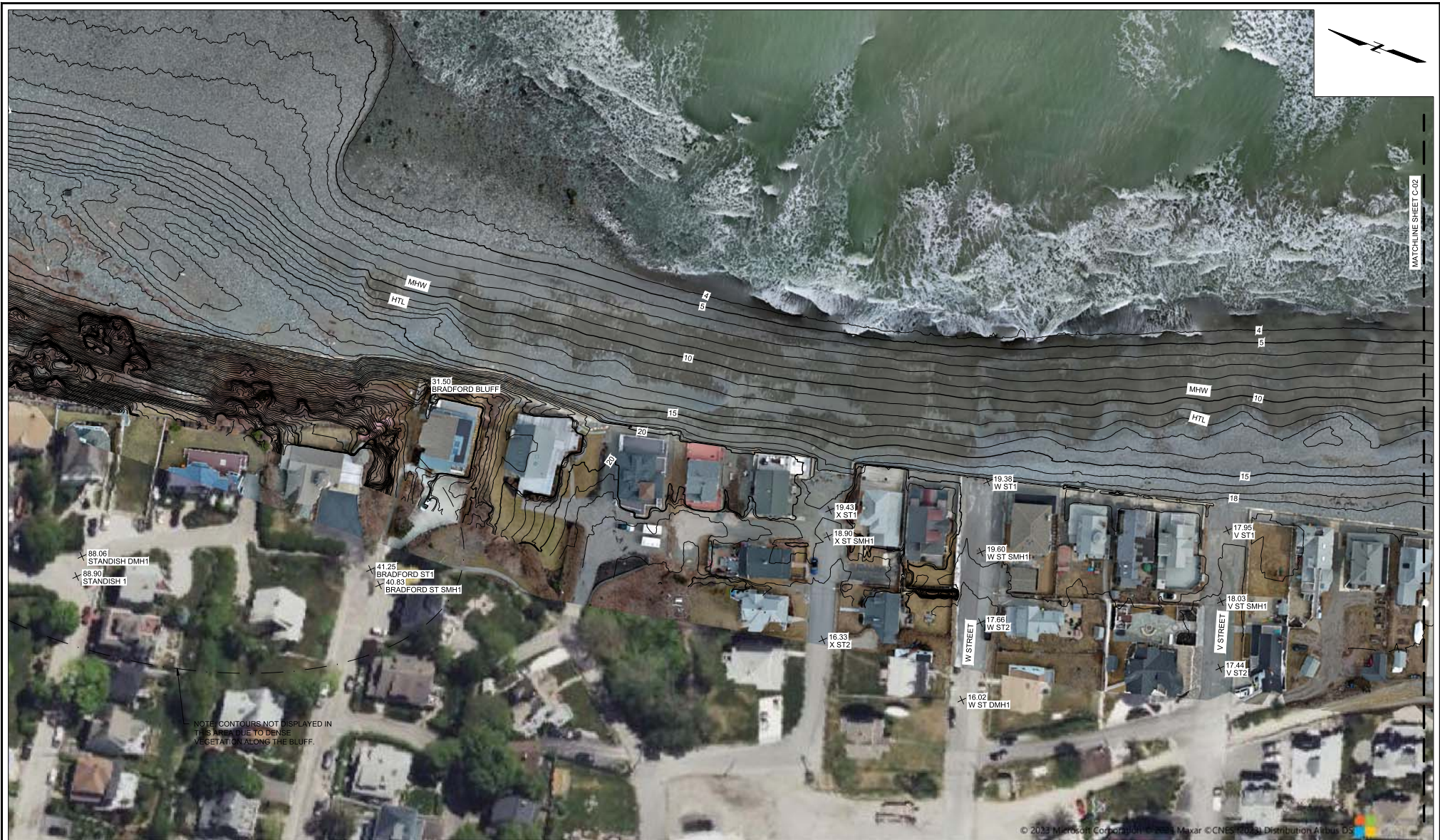


Appendix B

Existing Conditions Plans

Aerial Drone Survey (GEI Consultants)

17 March 2023



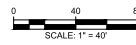
MATCHLINE SHEET C-02

NOTE: CONTOURS NOT DISPLAYED IN THIS AREA DUE TO DENSE VEGETATION ALONG THE BLUFF.

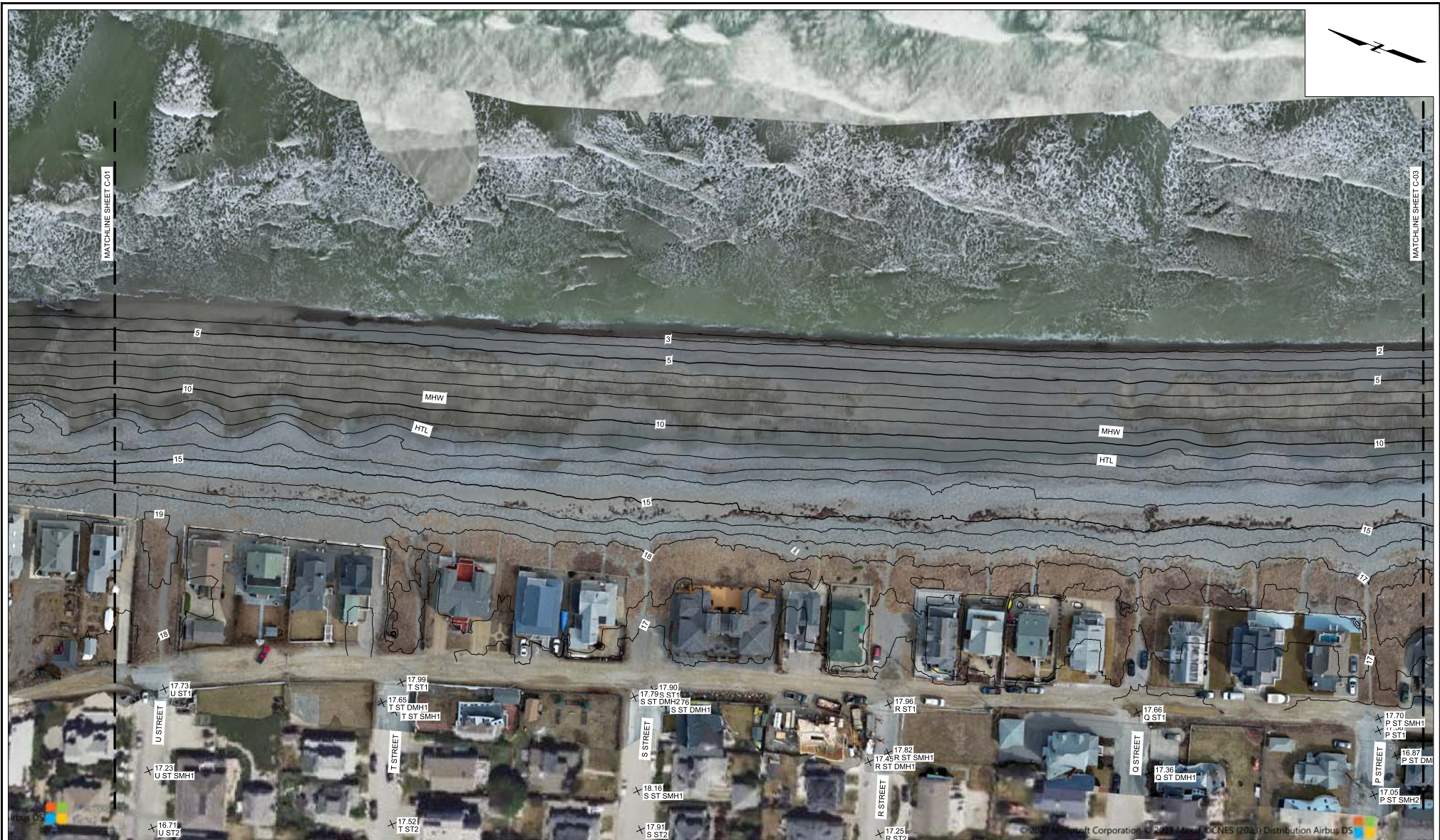
SOURCE:

1. AN AERIAL SURVEY OF BEACH AVE, HULL, MA, WAS PERFORMED BY GEI CONSULTANTS ON MARCH 16&17, 2023.
2. AERIAL SURVEY UTILIZED AN AUTELE EVO II PRO RTK UAV, IN FAIR WEATHER CONDITIONS.
3. VERTICAL DATUM: MEAN LOW WATER (MLW).
4. HORIZONTAL DATUM: MASSACHUSETTS MANLAND, 2001 - US SURVEY FOOT
5. VERTICAL CONTROL: BENCHMARK 658 (MAG DISK) LOCATED IN CONCRETE MONUMENT, ESTABLISHED HEIGHT OF 12.131 (NGVD29) LOCATED AT N 2937216.57 E 819977.16.
6. CONTOURS DISPLAYED ON VEGETATED AREAS SUCH AS TOP OF DUNE AND RESIDENTIAL PROPERTIES DISPLAY ELEVATIONS ON DAY OF SURVEY FOR TOP OF VEGETATION. GROUND CONTOURS WERE NOT VISIBLE BY DRONE DURING THE TIME OF SURVEY.

DATUM AND TIDE TABLE	
HTL	+11.58
MHW	+9.05
MLW	0

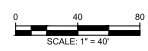


Beach Ave Site Survey Nantasket Beach Hull, MA 02045		2023 BEACH AVE SITE SURVEY Town of Hull Hull, MA 02045	Project 1900030 March 2023	C-01
--	---	--	-------------------------------	------



SOURCE:
 1. AN AERIAL SURVEY OF BEACH AVE, HULL, MA, WAS PERFORMED BY GEI CONSULTANTS ON MARCH 16&17, 2023.
 2. AERIAL SURVEY UTILIZED AN AUTEL EVO II PRO RTK UAV, IN FAIR WEATHER CONDITIONS.
 3. VERTICAL DATUM: MEAN LOW WATER (MLW).
 4. HORIZONTAL DATUM: MASSACHUSETTS MANLAND, 2001 - US SURVEY FOOT
 5. VERTICAL CONTROL: BENCHMARK 558 (MAG DISK) LOCATED IN CONCRETE MONUMENT, ESTABLISHED HEIGHT OF 12.131 (NGVD29) LOCATED AT N 2937216.57 E 819977.16.
 6. CONTOURS DISPLAYED ON VEGETATED AREAS SUCH AS TOP OF DUNE AND RESIDENTIAL PROPERTIES DISPLAY ELEVATIONS ON DAY OF SURVEY FOR TOP OF VEGETATION.
 GROUND CONTOURS WERE NOT VISIBLE BY DRONE DURING THE TIME OF SURVEY.

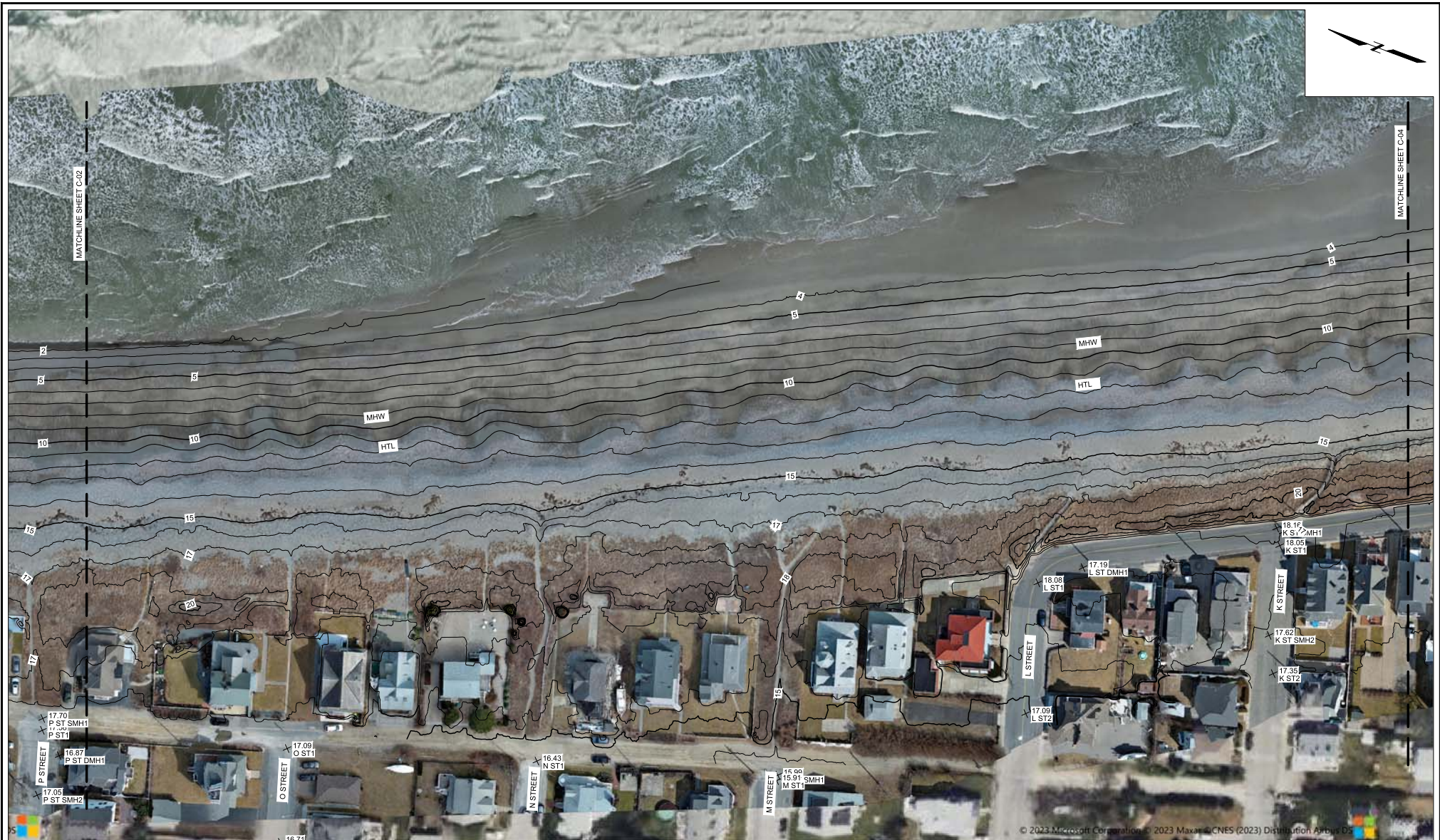
DATUM AND TIDE TABLE	
HTL	+11.58
MHW	+9.05
MLW	0



Beach Ave Site Survey
 Nantasket Beach
 Hull, MA 02045
 Town of Hull
 Hull, MA 02045

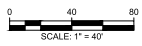


2023 BEACH AVE SITE SURVEY
 Project 1900030 March 2023 C-02

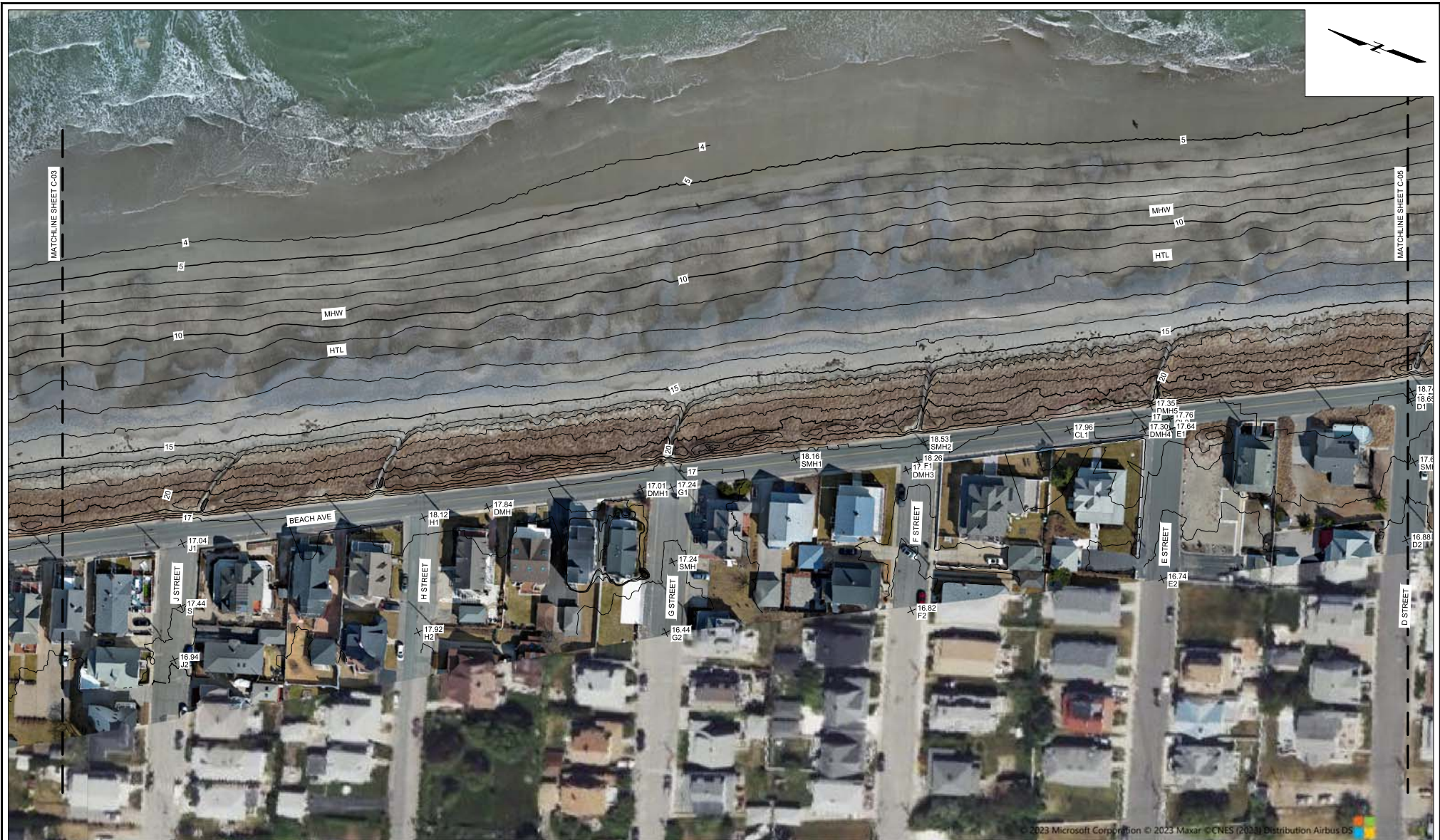


- SOURCE:**
1. AN AERIAL SURVEY OF BEACH AVE, HULL, MA, WAS PERFORMED BY GEI CONSULTANTS ON MARCH 16&17, 2023.
 2. AERIAL SURVEY UTILIZED AN AUTEL EVO II PRO RTK UAV, IN FAIR WEATHER CONDITIONS.
 3. VERTICAL DATUM: MEAN LOW WATER (MLW).
 4. HORIZONTAL DATUM: MASSACHUSETTS MAINLAND, 2001 - US SURVEY FOOT
 5. VERTICAL CONTROL: BENCHMARK 656 (MAG DISK) LOCATED IN CONCRETE MONUMENT, ESTABLISHED HEIGHT OF 12.131 (NGVD29) LOCATED AT N 2937216.57 E 819977.16.
 6. CONTOURS DISPLAYED ON VEGETATED AREAS SUCH AS TOP OF DUNE AND RESIDENTIAL PROPERTIES DISPLAY ELEVATIONS ON DAY OF SURVEY FOR TOP OF VEGETATION. GROUND CONTOURS WERE NOT VISIBLE BY DRONE DURING THE TIME OF SURVEY.

DATUM AND TIDE TABLE	
HTL	+11.58
MHW	+9.05
MLW	0



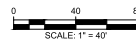
Beach Ave Site Survey Nantasket Beach Hull, MA 02045		 2023 BEACH AVE SITE SURVEY Project 1900030 March 2023	C-03
Town of Hull Hull, MA 02045			



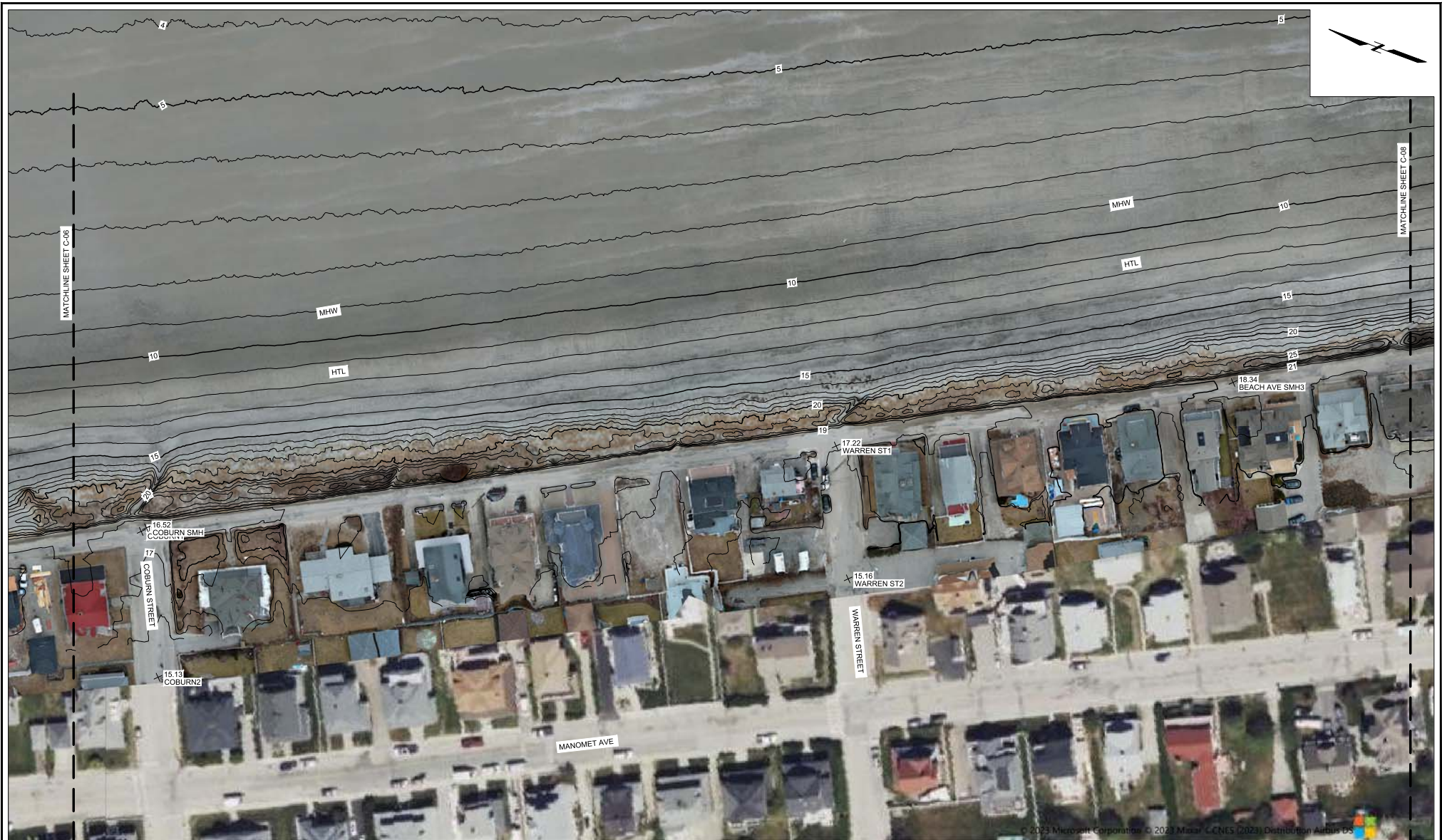
SOURCE:

1. AN AERIAL SURVEY OF BEACH AVE, HULL, MA, WAS PERFORMED BY GEI CONSULTANTS ON MARCH 16&17, 2023.
2. AERIAL SURVEY UTILIZED AN AUTEL EVO II PRO RTK UAV, IN FAIR WEATHER CONDITIONS.
3. VERTICAL DATUM: MEAN LOW WATER (MLW).
4. HORIZONTAL DATUM: MASSACHUSETTS MAINLAND, 2001 - US SURVEY FOOT
5. VERTICAL CONTROL: BENCHMARK 558 (MAG DISK) LOCATED IN CONCRETE MONUMENT, ESTABLISHED HEIGHT OF 12.131 (NGVD29) LOCATED AT N 2937216.57 E 819977.16.
6. CONTOURS DISPLAYED ON VEGETATED AREAS SUCH AS TOP OF DUNE AND RESIDENTIAL PROPERTIES DISPLAY ELEVATIONS ON DAY OF SURVEY FOR TOP OF VEGETATION. GROUND CONTOURS WERE NOT VISIBLE BY DRONE DURING THE TIME OF SURVEY.

DATUM AND TIDE TABLE	
HTL	+11.58
MHW	+9.05
MLW	0



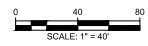
Beach Ave Site Survey Nantasket Beach Hull, MA 02045		2023 BEACH AVE SITE SURVEY	
		Town of Hull Hull, MA 02045	Project 1900030 March 2023



SOURCE:
 1. AN AERIAL SURVEY OF BEACH AVE, HULL MA, WAS PERFORMED BY GEI CONSULTANTS ON MARCH 16&17, 2023.
 2. AERIAL SURVEY UTILIZED AN AUTEL EVO II PRO RTK UAV, IN FAIR WEATHER CONDITIONS.

- 3. VERTICAL DATUM: MEAN LOW WATER (MLW).
- 4. HORIZONTAL DATUM: MASSACHUSETTS MAINLAND, 2001 - US SURVEY FOOT
- 5. VERTICAL CONTROL: BENCHMARK 656 (MAG DISK) LOCATED IN CONCRETE MONUMENT, ESTABLISHED HEIGHT OF 12.131 (NGVD29) LOCATED AT N 2937216.57 E 819977.16.
- 6. CONTOURS DISPLAYED ON VEGETATED AREAS SUCH AS TOP OF DUNE AND RESIDENTIAL PROPERTIES DISPLAY ELEVATIONS ON DAY OF SURVEY FOR TOP OF VEGETATION. GROUND CONTOURS WERE NOT VISIBLE BY DRONE DURING THE TIME OF SURVEY.

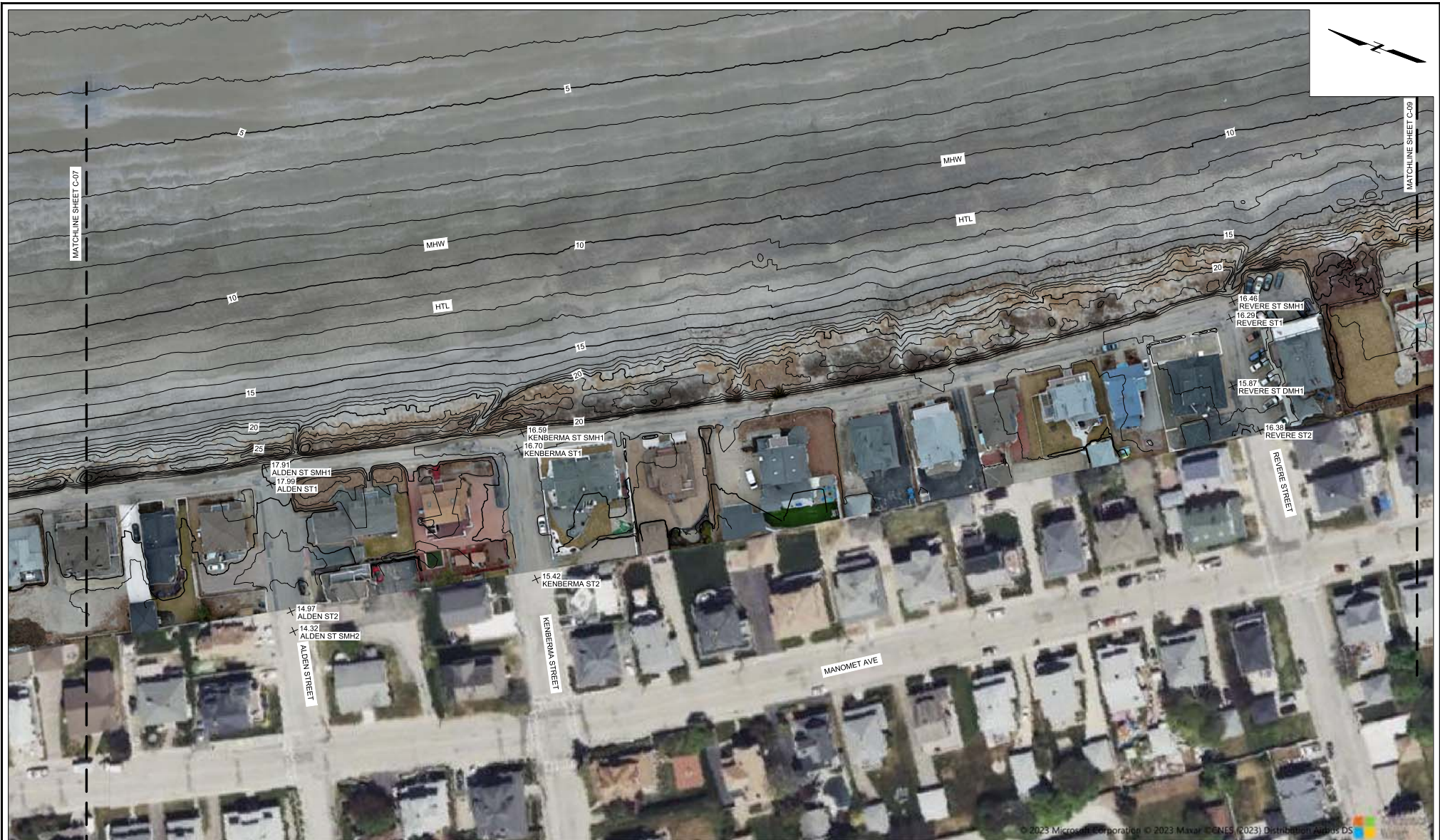
DATUM AND TIDE TABLE	
HTL	+11.58
MHW	+9.05
MLW	0



Beach Ave Site Survey
 Nantasket Beach
 Hull, MA 02045
 Town of Hull
 Hull, MA 02045

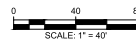


2023 BEACH AVE SITE SURVEY
 Project 1900030 March 2023 C-07



SOURCE:
 1. AN AERIAL SURVEY OF BEACH AVE, HULL, MA, WAS PERFORMED BY GEI CONSULTANTS ON MARCH 16&17, 2023.
 2. AERIAL SURVEY UTILIZED AN AUTEL EVO II PRO RTK UAV, IN FAIR WEATHER CONDITIONS.
 3. VERTICAL DATUM: MEAN LOW WATER (MLW).
 4. HORIZONTAL DATUM: MASSACHUSETTS MAINLAND, 2001 - US SURVEY FOOT.
 5. VERTICAL CONTROL: BENCHMARK 558 (MAG DISK) LOCATED IN CONCRETE MONUMENT, ESTABLISHED HEIGHT OF 12.131 (NGVD29) LOCATED AT N 2937216.57 E 819977.16.
 6. CONTOURS DISPLAYED ON VEGETATED AREAS SUCH AS TOP OF DUNE AND RESIDENTIAL PROPERTIES DISPLAY ELEVATIONS ON DAY OF SURVEY FOR TOP OF VEGETATION.
 GROUND CONTOURS WERE NOT VISIBLE BY DRONE DURING THE TIME OF SURVEY.

DATUM AND TIDE TABLE	
HTL	+11.58
MHW	+9.05
MLW	0



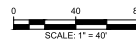
Beach Ave Site Survey Nantasket Beach Hull, MA 02045		2023 BEACH AVE SITE SURVEY	Project 1900030	March 2023	C-08



SOURCE:

1. AN AERIAL SURVEY OF BEACH AVE, HULL, MA, WAS PERFORMED BY GEI CONSULTANTS ON MARCH 16&17, 2023.
2. AERIAL SURVEY UTILIZED AN AUTEL EVO II PRO RTK UAV, IN FAIR WEATHER CONDITIONS.
3. VERTICAL DATUM: MEAN LOW WATER (MLW).
4. HORIZONTAL DATUM: MASSACHUSETTS MANLAND, 2001 - US SURVEY FOOT.
5. VERTICAL CONTROL: BENCHMARK 658 (MAG DISK) LOCATED IN CONCRETE MONUMENT, ESTABLISHED HEIGHT OF 12.131 (NGVD29) LOCATED AT N 2937216.57 E 819977.16.
6. CONTOURS DISPLAYED ON VEGETATED AREAS SUCH AS TOP OF DUNE AND RESIDENTIAL PROPERTIES DISPLAY ELEVATIONS ON DAY OF SURVEY FOR TOP OF VEGETATION. GROUND CONTOURS WERE NOT VISIBLE BY DRONE DURING THE TIME OF SURVEY.

DATUM AND TIDE TABLE	
HTL	+11.58
MFW	+9.05
MLW	0



© 2023 Microsoft Corporation © 2023 Garmin © CNES (2023) Distribution Airbus DS

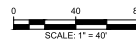
Beach Ave Site Survey Nantasket Beach Hull, MA 02045	 2023 BEACH AVE SITE SURVEY	Project 1900030 March 2023	C-09
Town of Hull Hull, MA 02045			



SOURCE:

1. AN AERIAL SURVEY OF BEACH AVE, HULL MA, WAS PERFORMED BY GEI CONSULTANTS ON MARCH 16&17, 2023.
2. AERIAL SURVEY UTILIZED AN AUTELEVO II PRO RTK UAV, IN FAIR WEATHER CONDITIONS.
3. VERTICAL DATUM: MEAN LOW WATER (MLW).
4. HORIZONTAL DATUM: MASSACHUSETTS MAINLAND, 2001 - US SURVEY FOOT
5. VERTICAL CONTROL: BENCHMARK 656 (MAG DISK) LOCATED IN CONCRETE MONUMENT, ESTABLISHED HEIGHT OF 12.131 (NGVD29) LOCATED AT N 2937216.57 E 819977.16.
6. CONTOURS DISPLAYED ON VEGETATED AREAS SUCH AS TOP OF DUNE AND RESIDENTIAL PROPERTIES DISPLAY ELEVATIONS ON DAY OF SURVEY FOR TOP OF VEGETATION. GROUND CONTOURS WERE NOT VISIBLE BY DRONE DURING THE TIME OF SURVEY.

DATUM AND TIDE TABLE	
HTL	+11.58
MHW	+9.05
MLW	0



Beach Ave Site Survey Nantasket Beach Hull, MA 02045			2023 BEACH AVE SITE SURVEY
Town of Hull Hull, MA 02045			Project 1900030 March 2023
			C-10