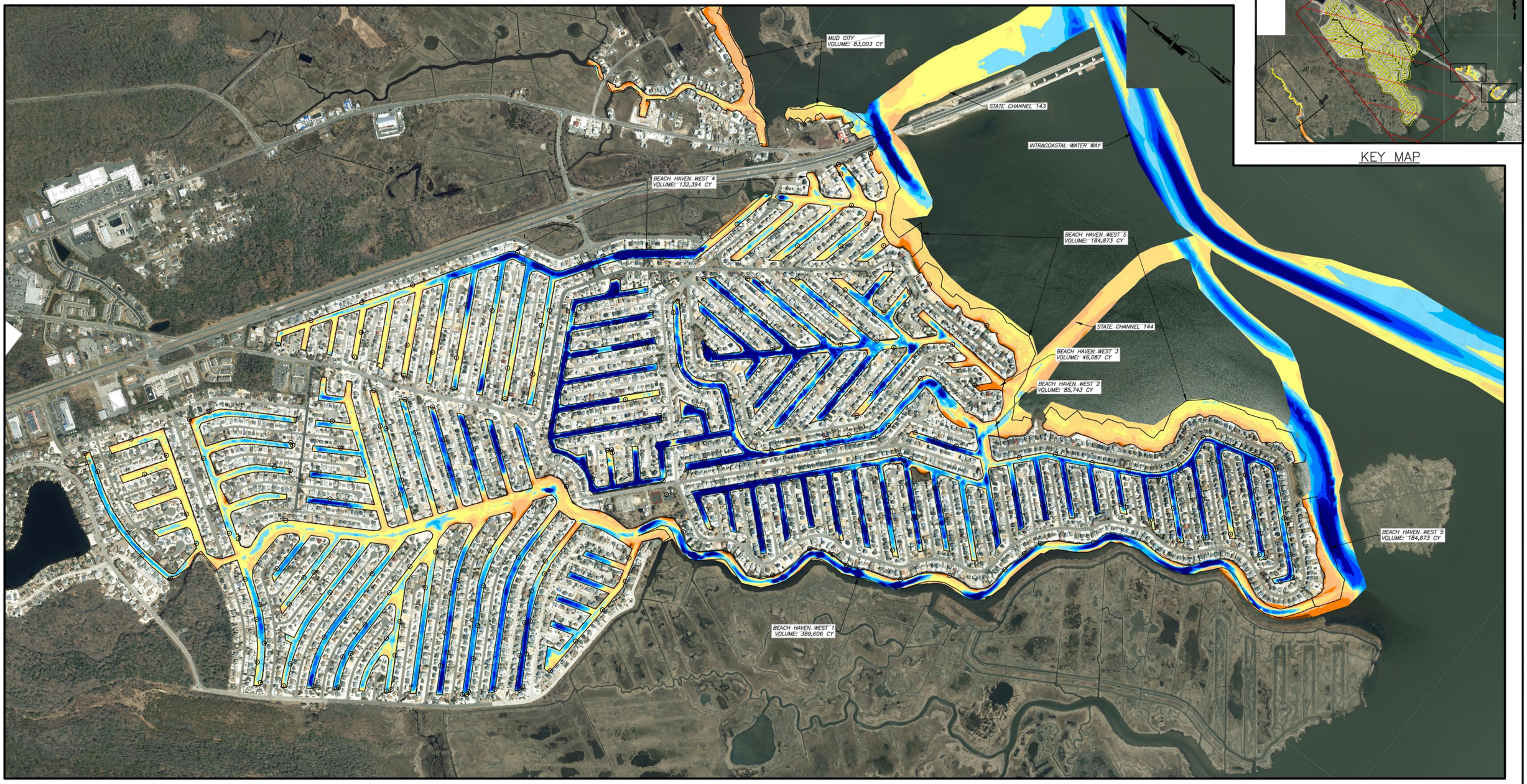

GENERAL NOTES:

1. HORIZONTAL DATUM IS THE NEW JERSEY STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983 (NJSPCS, NAD83), U.S. SURVEY FOOT, AND THE VERTICAL DATUM IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
2. PHYSICAL FEATURES OUTSIDE OF THE SITE HAVE NOT BEEN COMPLETELY SHOWN.
3. THE LOCATIONS AND/OR EXISTENCE OF ANY UNDERGROUND UTILITY SERVICE LINES NOT SHOWN WERE NOT VISIBLE AT THE TIME OF SURVEY AND ARE UNKNOWN.
4. UNDERGROUND ENCROACHMENTS, IF ANY HAVE NOT BEEN SHOWN.
5. NO STATEMENT IS BEING MADE OR IMPLIED HEREON, NOR SHOULD IT BE ASSUMED OR CONSTRUED THAT ANY STATEMENT IS BEING MADE BY THE FACT THAT NO EVIDENCE OF TOXIC WASTE IS PORTRAYED HEREON. THE CLIENT SHOULD PURSUE THESE MATTERS AS ITEMS SEPARATE AND APART FROM THIS SURVEY.
6. UNDERGROUND UTILITIES SHOWN HEREON WERE LOCATED FROM MARK-OUTS PRESENT AT THE TIME OF SURVEY. NO STATEMENT IS BEING MADE OR IMPLIED HEREON NOR SHOULD IT BE ASSUMED OR CONSTRUED THAT ANY STATEMENT IS BEING MADE AS TO THE ACCURACY AND\OR COMPLETENESS OF SAID MARK-OUTS.
7. DATUMS WERE ESTABLISHED ON SITE USING GPS OBSERVATIONS.
8. THE FIELD SURVEY WAS CONDUCTED FROM 7/9/20 THROUGH 7/23/20 BY ACT ENGINEERS, INC.
9. MEAN LOWER LOW WATER (MLLW) WAS DETERMINED USING NOAA VDATUM SOFTWARE VERSION 4.0.1.
10. VERTICAL DATUM RELATIONSHIP – MEAN LOWER LOW WATER, IS BELOW NAVD88 BY 0.99 FEET.
11. GEOID12B AND NOAA TIDAL EPOCH 1983-2001 WERE USED. SOUNDING ELEVATIONS (IN FEET AND TENTHS) AND CONTOURS REFER TO MLLW.
12. THE HYDROGRAPHIC INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
13. THIS MAP SHOULD NOT BE USED FOR NAVIGATION PURPOSES.

REFERENCE NOTES:

BASE MAPPING LINEWORK AND/OR AERIAL PHOTOGRAPHY HAS BEEN COMPILED FROM VARIOUS SOURCES AND DATES AND IS INTENDED TO PORTRAY GENERAL SHORELINE AND OTHER FEATURES CHARACTERISTICS. TEMPORAL CHANGES MAY HAVE OCCURRED SINCE THIS DATA SET WAS COLLECTED AND SOME PARTS OF THE DATA MAY NO LONGER BE AN ACCURATE REPRESENTATION OF THE SURFACE CONDITIONS.

REFERENCE PLANS:

1. "STATE OF NEW JERSEY NJDOT OFFICE OF MARITIME RESOURCES 137-DUTCHMAN SURF CITY STAFFORD TWP. & SHIP BOTTOM BOROUGH OCEAN COUNTY SOUNDINGS: AUGUST 28, 2015", PREPARED BY GAHAGAN & BRYANT ASSOCIATES, INC., BALTIMORE, MD, SHEETS 1-3 OF 3, DATED 10/26/2015, NO REVISIONS.
2. "STATE OF NEW JERSEY NJDOT OFFICE OF MARITIME RESOURCES 143-MARGOS STAFFORD TWP. OCEAN COUNTY SOUNDINGS: DECEMBER 3, 2014", PREPARED BY GAHAGAN & BRYANT ASSOCIATES, INC., BALTIMORE, MD, SHEETS 1-2 OF 2, DATED 07/08/2015, NO REVISIONS.
3. "STATE OF NEW JERSEY NJDOT OFFICE OF MARITIME RESOURCES 144-BEACH HAVEN WEST STAFFORD TWP. OCEAN COUNTY SOUNDINGS: DECEMBER 17, 2014", PREPARED BY GAHAGAN & BRYANT ASSOCIATES, INC., BALTIMORE, MD, SHEET 1 OF 1, DATED 07/20/2015, NO REVISIONS.
4. "STATE OF NEW JERSEY NJDOT OFFICE OF MARITIME RESOURCES 145-MILL CREEK STAFFORD TWP. OCEAN COUNTY SOUNDINGS: DECEMBER 17, 2014", PREPARED BY GAHAGAN & BRYANT ASSOCIATES, INC., BALTIMORE, MD, SHEETS 1-2 OF 2, DATED 07/20/2015, NO REVISIONS.

FIGURE 2 OF 6
BEACH HAVEN WEST

SEDIMENT REMOVAL TO -6 MLW	
LOCATION	VOLUME (CY)
BEACH HAVEN WEST 1	389,606
BEACH HAVEN WEST 2	85,743
BEACH HAVEN WEST 3	46,087
BEACH HAVEN WEST 4	132,394
BEACH HAVEN WEST 5	184,873
TOTAL	838,703

COLOR LEGEND

- ELEVATION -9 AND DEEPER
- ELEVATION -9 THRU -8
- ELEVATION -8 THRU -7
- ELEVATION -7 THRU -6
- ELEVATION -6 THRU -5
- ELEVATION -5 THRU -4
- ELEVATION -4 THRU -3
- ELEVATION -3 THRU -2
- ELEVATION -2 THRU -1
- ELEVATION -1 THRU 0
- ELEVATION 0 THRU 1

⊙ OUTFALL

BATHYMETRIC SURVEY
FOR
STAFFORD TOWNSHIP

SITUATED IN
STAFFORD TOWNSHIP OCEAN COUNTY NEW JERSEY

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HORIZONTAL SCALE IN FEET

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NEW JERSEY CERTIFICATE of AUTHORIZATION No. 24GA27936900

Xrefs: R-XTOPO BHW 1 20271L-12-15.dwg; R-XTOPO BHW 2 20270B.dwg; R-XTOPO BHW 3 20270B.dwg; R-XTOPO BHW 4.dwg; R-XTOPO BHW 5.dwg; R-XTOPO BI 20271L.dwg; R-XTOPO CB 20271L.dwg; R-XTOPO MC.dwg; R-WATERWAY.dwg; R-OUTFALLS FLEE.dwg; R-MRSID.dwg; R-2015 ARMY CORPS-STATE CHANNEL.dwg
Image: R-BHW BLDG 1 (1).jpg; R-BHW BLDG 2.jpg; R-BHW BLDG 3.jpg; R-BHW BLDG 4.jpg; R-BHW BLDG 5.jpg; R-BHW BLDG 6.jpg; J16CS.sid; J16CS.sid; J16CS.sid