



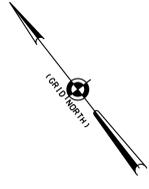






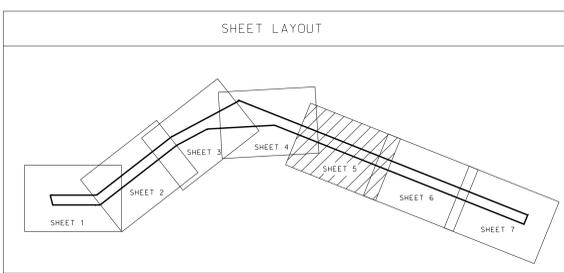
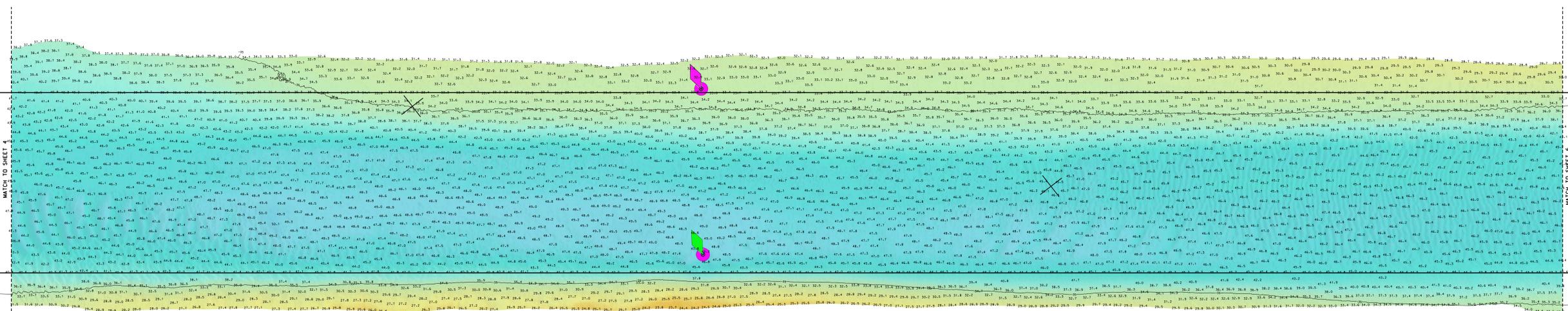


DATE	15 JUL 2021
TIME	15:00
BY	DAJHG/ED
APP'D	JPTX/CR



RED #6 W/LIGHT FLOOD 15 JULY 2021

GREEN #5 W/LIGHT FLOOD 17 JULY 2021



LOCAL CONTROL DATA	
BENCHMARK: SIMPSON 2 RM3 (KVD0707)	
ELEVATION: 6.85' NAVD 1988	
NSRS BENCHMARK	
BENCHMARK: SIMPSON 2 (KVD0709)	
ELEVATION: 6.92' NAVD 1988	

- PROJECT SPECIFIC NOTES:
- THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS THE GENERAL CONDITIONS EXISTING AT THAT TIME.
  - THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
  - THE TOPOGRAPHIC DATA ON THIS MAP MEET EM 1110-1-1005 ACCURACY STANDARDS.
  - COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, NEW JERSEY MERCATOR - ZONE 2900, US SURVEY FEET.
  - SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [EPOCH 1983-2001].
  - MEAN LOWER LOW WATER IS 2.7-2.9 FEET BELOW NAVD88 AS DETERMINED USING VDATUM EVER, 4.0, 11.
  - SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3'x3' MEDIAN CELL, SORTED TO A 45' INTERVAL.
  - CONTOURS ON THIS MAP WERE GENERATED USING THE 3'x3' MEDIAN DATA SET.
  - THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
  - AERIAL IMAGERY PROVIDED BY DIGITAL GLOBE 2018 AND IS FOR ORIENTATION PURPOSES ONLY.
  - THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION SIMPSON 2 RM 3.
  - THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

APPROVED: P. KEARNS	DATE: 21 JUL 2021
APPROVED: M. EDITE	
APPROVED: P. BERGQUIST	
APPROVED: J. MARZ	

DEPARTMENT OF THE ARMY  
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 NEW YORK, NEW YORK 10278

OPERATIONS DIVISION  
 SANDY HOOK CHANNEL  
 CENAN-OPS

NEW YORK HARBOR  
 SANDY HOOK CHANNEL  
 CONDITION SURVEY

VH-105  
 SHEET 5 OF 7



