

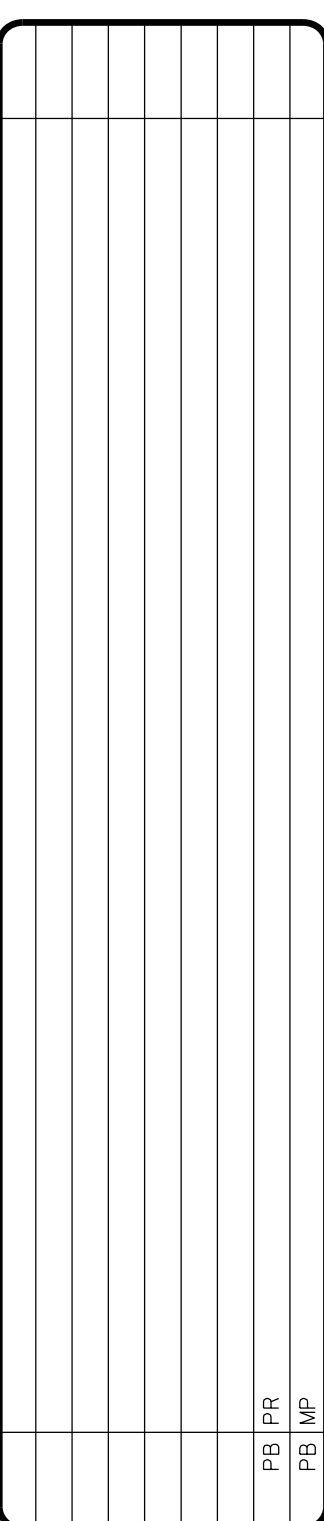
SCALE: ONE INCH = 100 FEET	DATES OF SURVEY: 28 MARCH 2014 2, 3, 4, 5, 8, 9, 11, 14 APRIL 2014
FIELD BOOKS: 1000 & 1009 _____ _____ _____	FILE NO.: 422 REQUEST NO: 4131N2

DEPARTMENT OF THE ARMY NEW YORK DISTRICT COMBAT CENTER NEW YORK, NEW YORK 10278	APPROVED: J. ABRAHAMSON TITLE: ASSISTANT APPROVED: M. FORT TITLE: CHIEF OF POLICE APPROVED: D. CLARKE TITLE: CHIEF OF POLICE APPROVED: J. MORALES TITLE: CHIEF OF POLICE DATE: 18 APRIL 2014
--	--

SHREWSBURY RIVER
NEW JERSEY

VH-101
SHEET 1 OF 13
(FORMERLY)
SHEET 1 OF 25

FILE NO. 422



DATES OF SURVEY:

28 MARCH 2014

FILE NO.: 422

FILE NO.: 422

SCALE:

ONE INCH = 100

APPROVED: J. ABRAHAMSEN
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
LEAD CARTOGRAPHER

APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEY

DATE: 18 APRIL 2014

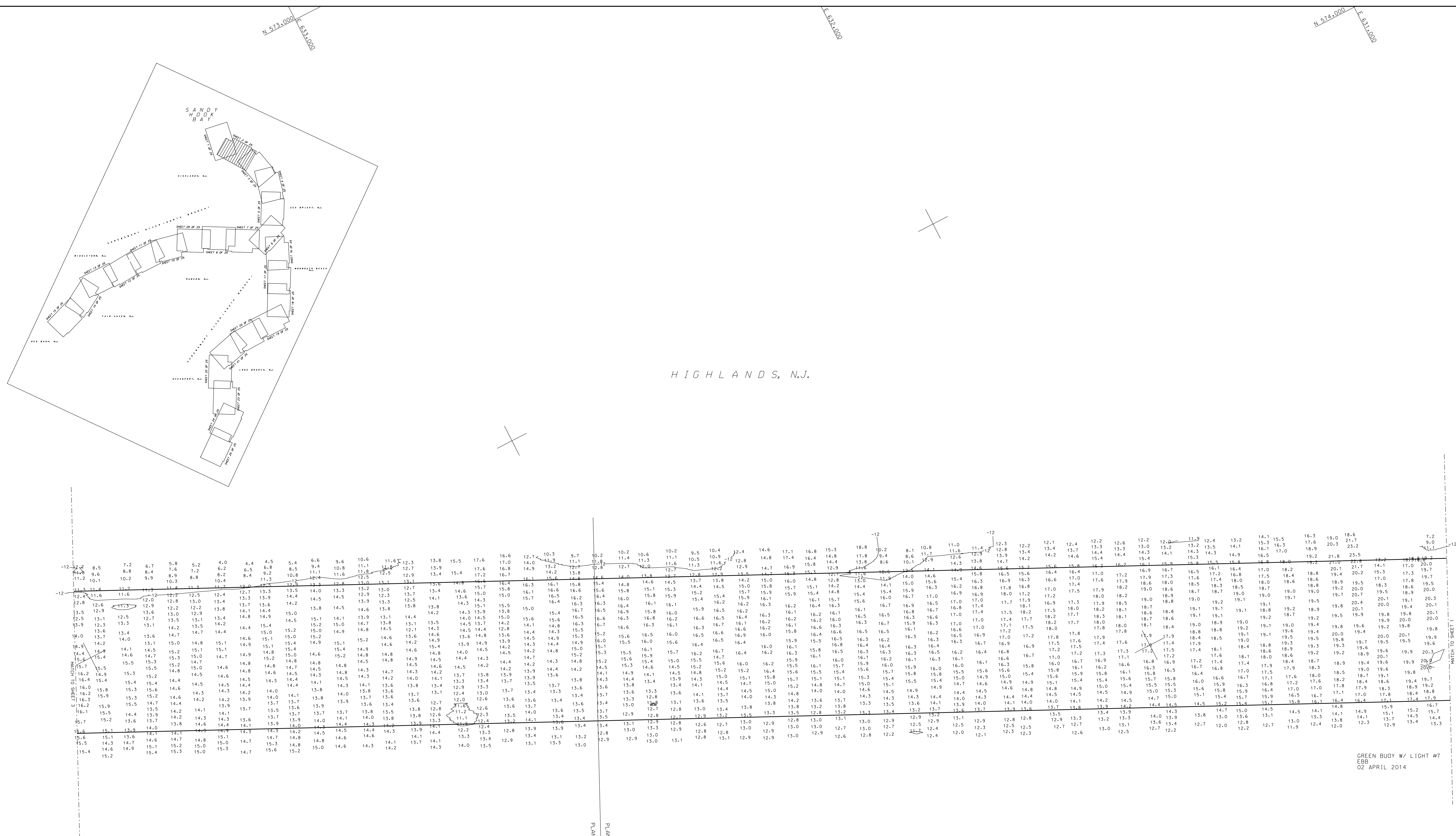
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
NEW YORK CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
PLANS AND SPECIFICATIONS

VH-102
SHEET 2 OF 13
(CONTINUED)

FILE NO. 422
REQ. NO. 4131N2



S A N D Y H O O K B A Y, N.J.

NSRS BENCHMARK	
BENCHMARK:	SIMPSON 2 (PID:KV0709)
ELEVATION:	6.92' NAVD 1988

CONTROL DATA	
BENCHMARK:	PT 1051 (PID:DC9905)
ELEVATION:	20.46' NAVD 1988



PROJECT METADATA MAY BE VIEWED
BY DOUBLE CLICKING ON ICON EDGE

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 SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION SOFTWARE SPECIFIED IN EM 1110-2-1003.

COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, NAD 83, UTM MERCATOR - ZONE 18N, US SURVEY FEET.

-SOUNDINGS ON THIS MAP REFER TO THE PLANE OF C.O.E. MEAN LOW WATER.

-THE PLANE OF C.O.E. MEAN LOW WATER IS:

3.4 TO 3.0 FEET BELOW NAVD 88 (SANDY HOOK BAY TO HIGHWAY BRIDGE)

2.8 TO 2.4 FEET BELOW NAVD 88 (HIGHWAY BRIDGE TO NORMANDIE)

3.3 TO 2.2 FEET BELOW NAVD 88 (NORMANDIE TO RED BANK)

3.2 TO 1.8 FEET BELOW NAVD 88 (RED BANK TO BRIGHT)

1.5 TO 0.0 FEET BELOW NAVD 88 (BRIGHT TO BRANCHPORT)

-SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 15' INTERVAL USING THE FULL DATA SET.

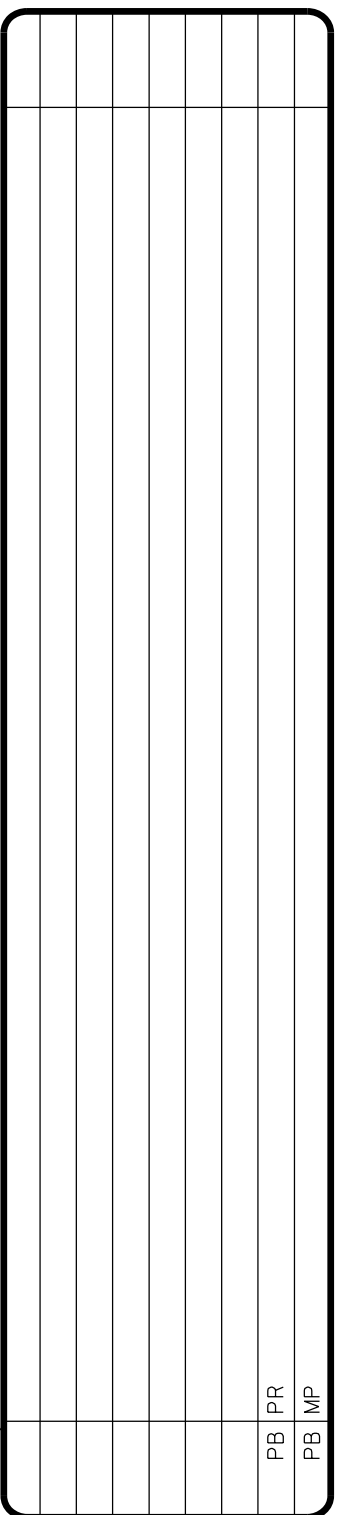
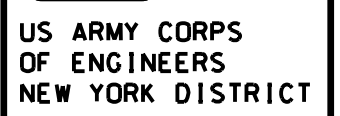
-CONTOURS ON THIS MAP WERE GENERATED USING THE FULL DATA SET.

-THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.

-AERIAL IMAGERY PROVIDED BY NJDEP 2012-2013

-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION NPS SANDY HOOK BRIDGE.

-THIS MAP IS NOT CREDIT COMPLIANT.



DATES OF SURVEY:

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

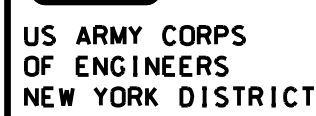
APPROVED: J. ABRAHAMSEN
FILE# C41200494M

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION

SHREWSBURY RIVER
NEW JERSEY
PLANS AND SPECIFICATIONS SURVEY

VH-103
SHEET 3 OF 13
(FORMERLY)
SHEET 3 OF 25



PLANE OF COE MEAN LOW WATER 3.1.
PLANE OF COE MEAN LOW WATER 3.2.

NO WAKE BUDY
03 APRIL 2014

[illegible]

SCALE: ONE INCH = 100 FEET	DATES OF SURVEY: 28 MARCH, 2014 2, 3, 4, 7, 8, 9, 11, 14 APRIL 2014
FIELD BOOKS: 1000 & 1009	FILE NO.: 422 REQUEST NO: 4131N2

APPROVED: J. ABRAHAMSEN
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
LEAD CARTOGRAPHER

APPROVED: J. MRAZ
CHIEF CHIEF OF SURVEY

DATE: 18 APRIL 2014

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

PLANS AND SPECIFICATIONS SURVEY

NEW JERSEY
NEWBURY RIVER

VH-104
SHEET 4 OF 1
(FORMERLY)
SHEET 4 OF 25

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 SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION SOFTWARE AS SPECIFIED IN EM 1110-2-1003.

COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 83.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818

| NSRS BENCHMARK | |
|----------------|------------------------|
| BENCHMARK: | SIMPSON 2 (PID:KV0709) |
| ELEVATION: | 6.92' NAVD 1988 |

| CONTROL DATA | |
|--------------|-----------------------|
| BENCHMARK: | PT 1051 (PID:DC99051) |
| ELEVATION: | 20.46' NAVD 1988 |

PROJECT METADATA MAY BE VIEWED
BY DOUBLE CLICKING ON ICON EDGE.



E 636.000

HIGHLANDS, N.J.

PLANE OF COE MEAN LOW WATER 2.6

LOWER LIMIT 9 FEET PROJECT
UPPER LIMIT 12 FEET PROJECT

| | |
|-----------------------------|-----|
| PLANE OF COE MEAN LOW WATER | 2.7 |
| PLANE OF COE MEAN LOW WATER | 2.8 |

E 637.000

S E A B R I G H T, N.J.

E 638.000

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 SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION S0FT AS SPECIFIED IN EM 1110-2-1003.
- COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, NAD 83, NAD 83 HORIZONTAL MERIDIAN - ZONE 1800, US SURVEY FEET.
- SOUNDINGS ON THIS MAP REFER TO THE PLANE OF C.O.E. MEAN LOW WATER.
- THE PLANE OF C.O.E. MEAN LOW WATER IS:
 - 3.4 TO 3.0 FEET BELOW NAVD 88 (SANDY HOOK BAY TO HIGHWAY BRIDGE)
 - 2.8 TO 2.4 FEET BELOW NAVD 88 (HIGHWAY BRIDGE TO NORMANDIE)
 - 3.3 TO 2.2 FEET BELOW NAVD 88 (NORMANDIE TO RED BANK)
 - 2.2 TO 1.8 FEET BELOW NAVD 88 (NORMANDIE TO SEABRIGHT)
 - 1.6 TO 1.2 FEET BELOW NAVD 88 (SEABRIGHT TO BRANCHPORT)
- SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 15' INTERVAL USING THE FULL DATA SET.
- CONTOURS ON THIS MAP WERE GENERATED USING THE FULL DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL IMAGERY PROVIDED BY NJDEP 2012-2013
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION NPS SANDY HOOK BRIDGE.
- THIS MAP IS NOT CDPT COMPLIANT.

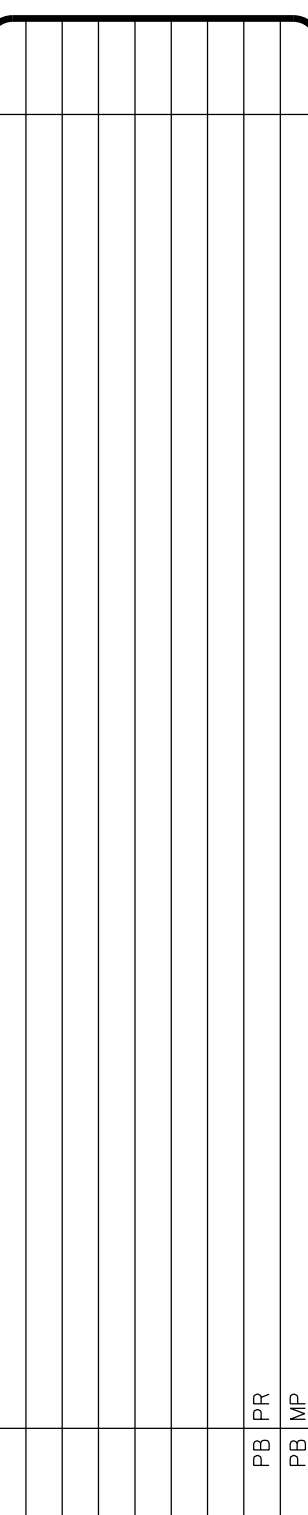
ER

PRIVACY

SHREWSBURY
NEW JERSEY
PLANS AND SPECIFICATIONS

VH-105
SHEET 5 OF 1

FILE NO. 422
REQ. NO. 4131N2



| | |
|---|--|
| SCALE:
ONE INCH = 100 FEET | DATES OF SURVEY:
28 MARCH 2014
2,3,7,7,8,9,11,14 APRIL 2014 |
| FIELD BOOKS:
1000 & 1009

_____ | FILE NO.: 422
REQUEST NO: 4131N2 |

APPROVED: J. ASBACHMSEN
FIELD COMMANDER

APPROVED: M. FORTE
CIVIL ENGINEERING SECTION

APPROVED: D. CLARKE
JACK COMMANDER

APPROVED: J. WRAZ
SEWER CATCHER

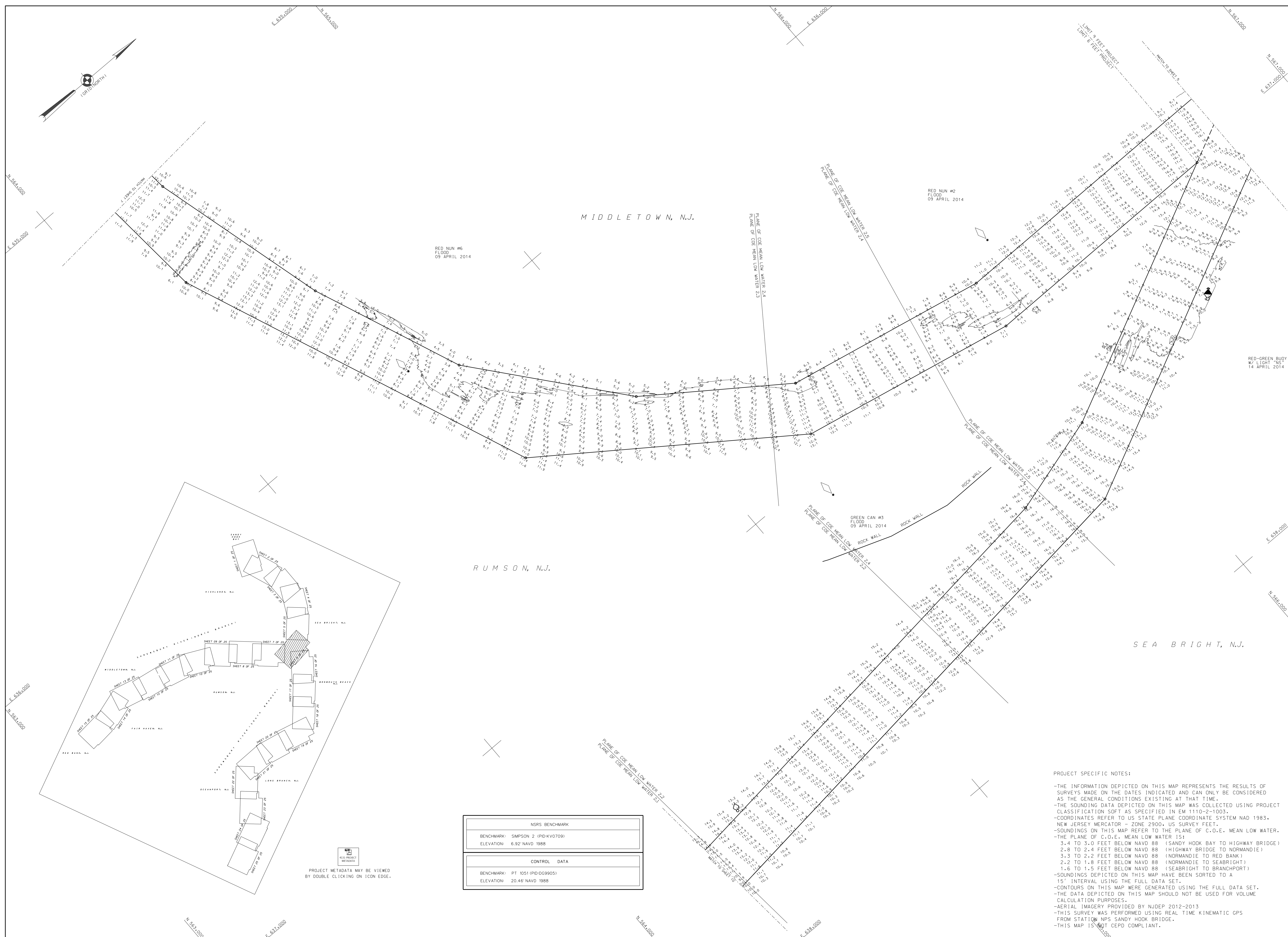
DATE: 18 APRIL 2014

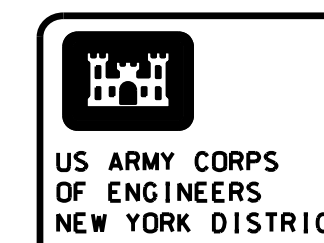
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OF-S

SHREWSBURY RIVER
NEW JERSEY
PLANS AND SPECIFICATIONS SURVEY

VH-106
SHEET 6 OF 13
(FORMERLY)
SHEET 6 OF 25

FILE NO. 422
REQ. NO. 4131N2



[illegible]

DATES OF SURVEY:
28 MARCH 2014
2,3,4,7,8,9,11,14 APRIL 2014

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1000 & 1009

APPROVED: J. ABRAHAMSEN
FIELD SUPERVISOR

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
FIELD SUPERVISOR

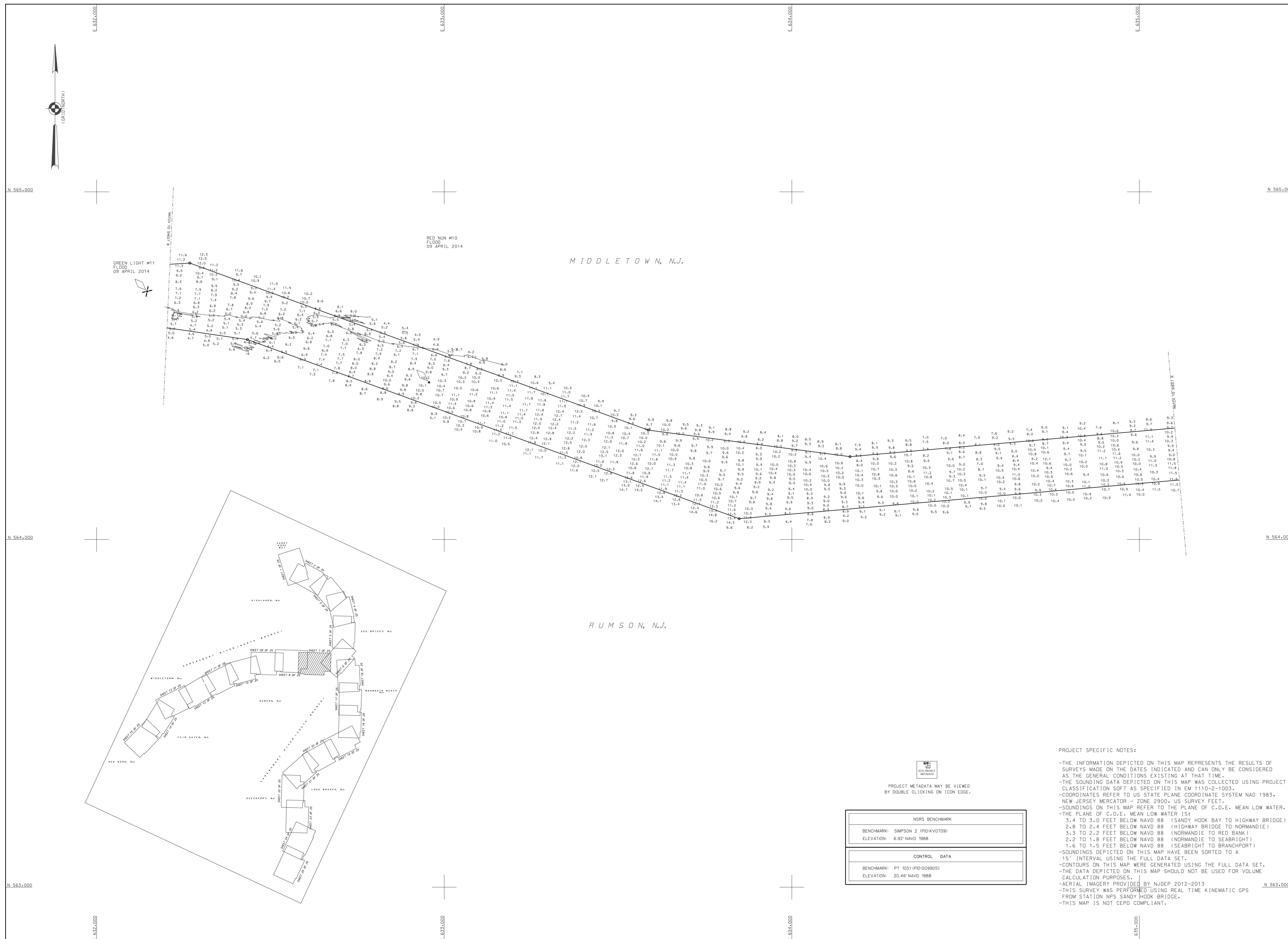
APPROVED: J. MRAZ
DISTRICT CHIEF OF SURVEY

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY

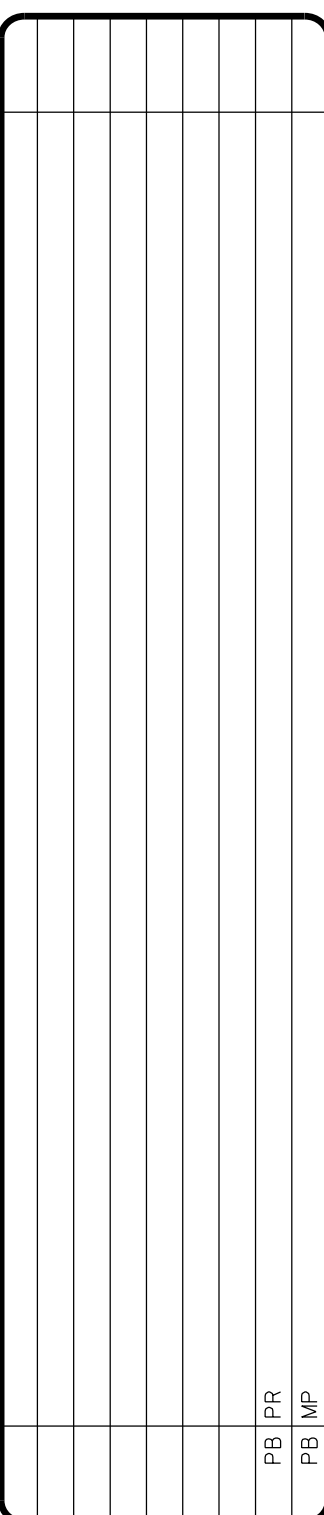
VH-107
SHEET 7 OF 13
(FORMERLY)
SHEET 7 OF 25



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 CURRENT CONDITIONS EXISTING AT THAT TIME.
- THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION SORT AS SPECIFIED IN EM 1110-2-1003.
- COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, NEW JERSEY MERCATOR - ZONE 2900, US SURVEY FEET.
- SOUNDING ON THE MAP MAY REFER TO THE PLANE OF C.O.E. MEAN LOW WATER.
- THE PLANE OF C.O.E. MEAN LOW WATER IS:
 - 3.4 TO 3.0 FEET BELOW NAVD 88 (SANDY HOOK BAY TO HIGHWAY BRIDGE)
 - 2.8 TO 2.4 FEET BELOW NAVD 88 (HIGHWAY BRIDGE TO NORMANDIE)
 - 3.3 TO 2.2 FEET BELOW NAVD 88 (NORMANDIE AND BANK)
 - 2.0 TO 1.8 FEET BELOW NAVD 88 (NORMANDIE TO SEABRIGHT)
 - 1.6 TO 1.5 FEET BELOW NAVD 88 (SEABRIGHT TO BRANCHPORT)
- SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 15' INTERVAL USING THE FULL DATA SET.
- SOUNDINGS ON THIS MAP MAY BE ROUNDED USING THE FULL DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL IMAGERY PROVIDED BY NJDEP 2012-2013
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION NPS SANDY HOOK BRIDGE.
- THIS MAP IS NOT CEP COMPLIANT.

N 563.000



DATES OF SURVEY:

28 MARCH 2014

FILE NO.: 422
REQUEST NO: 4131N2

SCALE:

FIELD BOOKS:

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT

CIVIL ENGINEERING TECHNOLOGIAN

OPERATIONS DIVISION

APPROVED: D. CLARKE

CIVIL ENGINEERING TECHNOLOGIST

SURVEY SECTION
CENAN-OP-S

APPROVED: J. MRAZ

SEVENTH CHIEF OF SURVEY

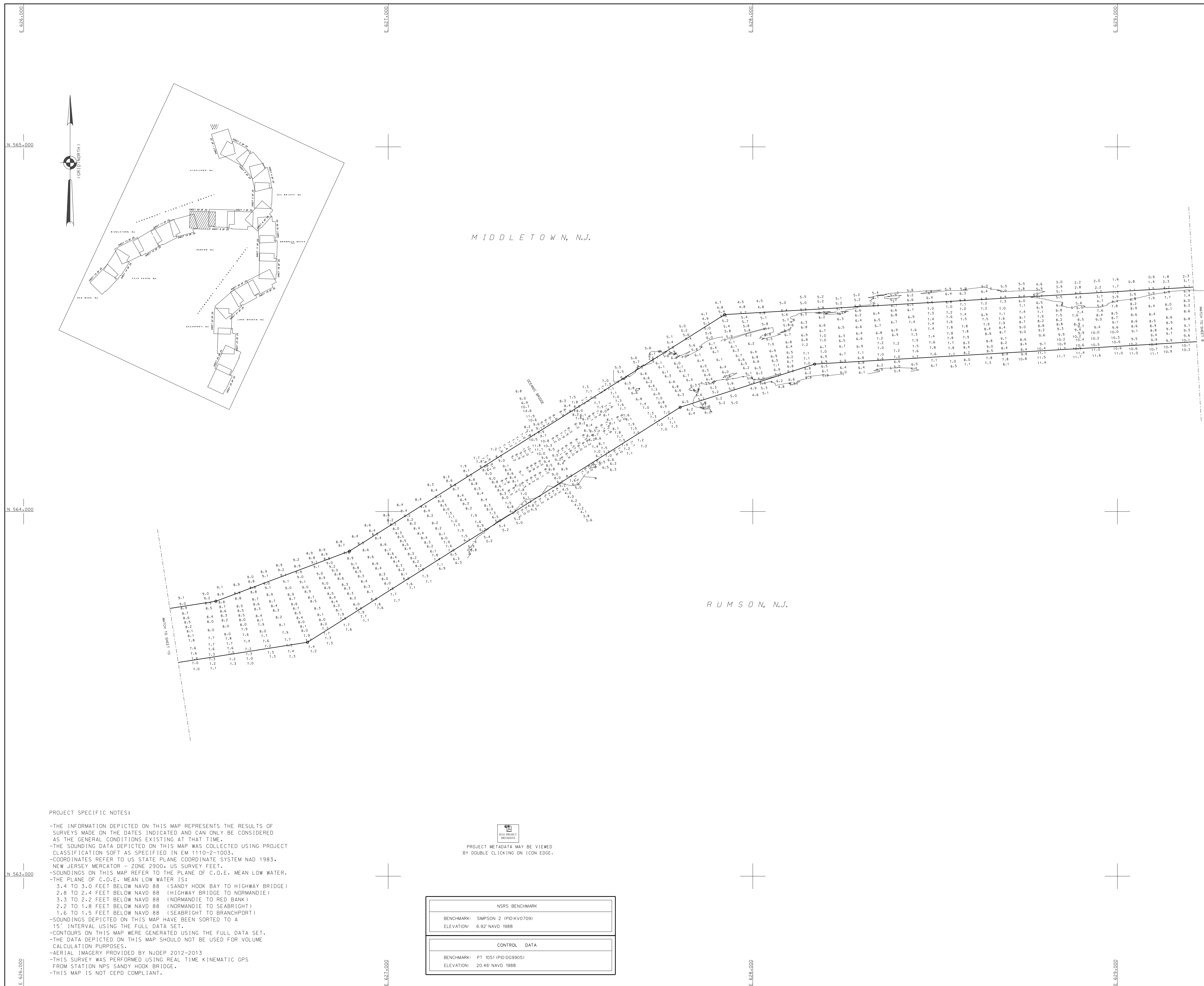
SHREWSBURY RIVER

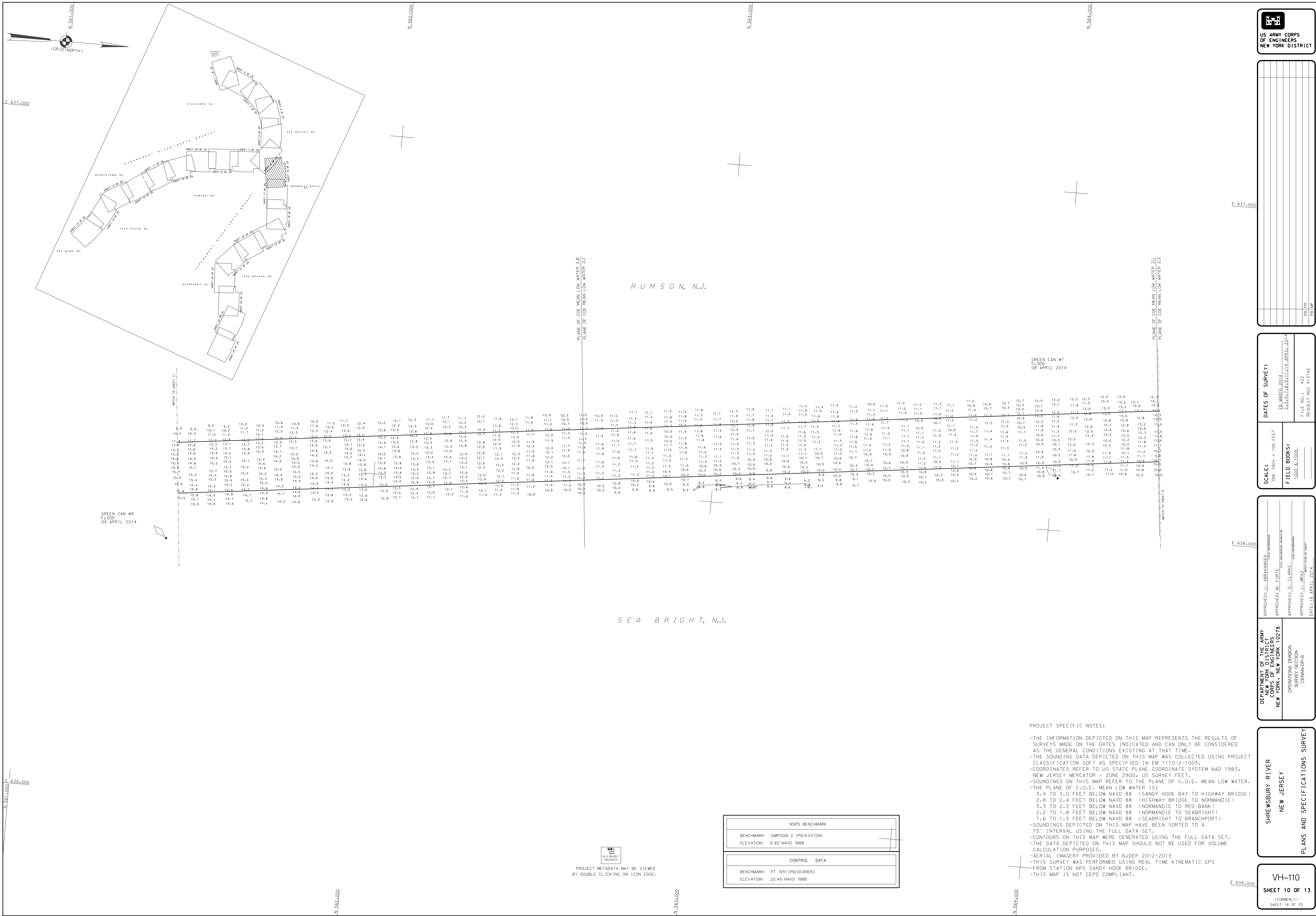
NEW JERSEY

PLANS AND SPECIFICATIONS SURVEY

SHEET 9 OF 1

FILE NO. 422
REQ. NO. 4131N





US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATE: 15 APRIL 2014

FILE NO.: 422

REQUEST NO: 4131N2

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
NEW YORK DISTRICT

OPERATIONS DIVISION
SOUNDING SECTION
CEMANS-OPS

SHREWSBURY RIVER
NEW JERSEY

PLANS AND SPECIFICATIONS SURVEY

VH-110

SHEET 10 OF 13

(FORMERLY)
SHEET 16 OF 25

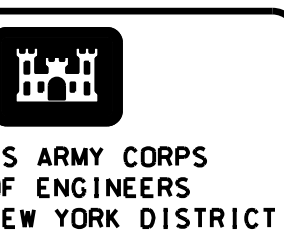
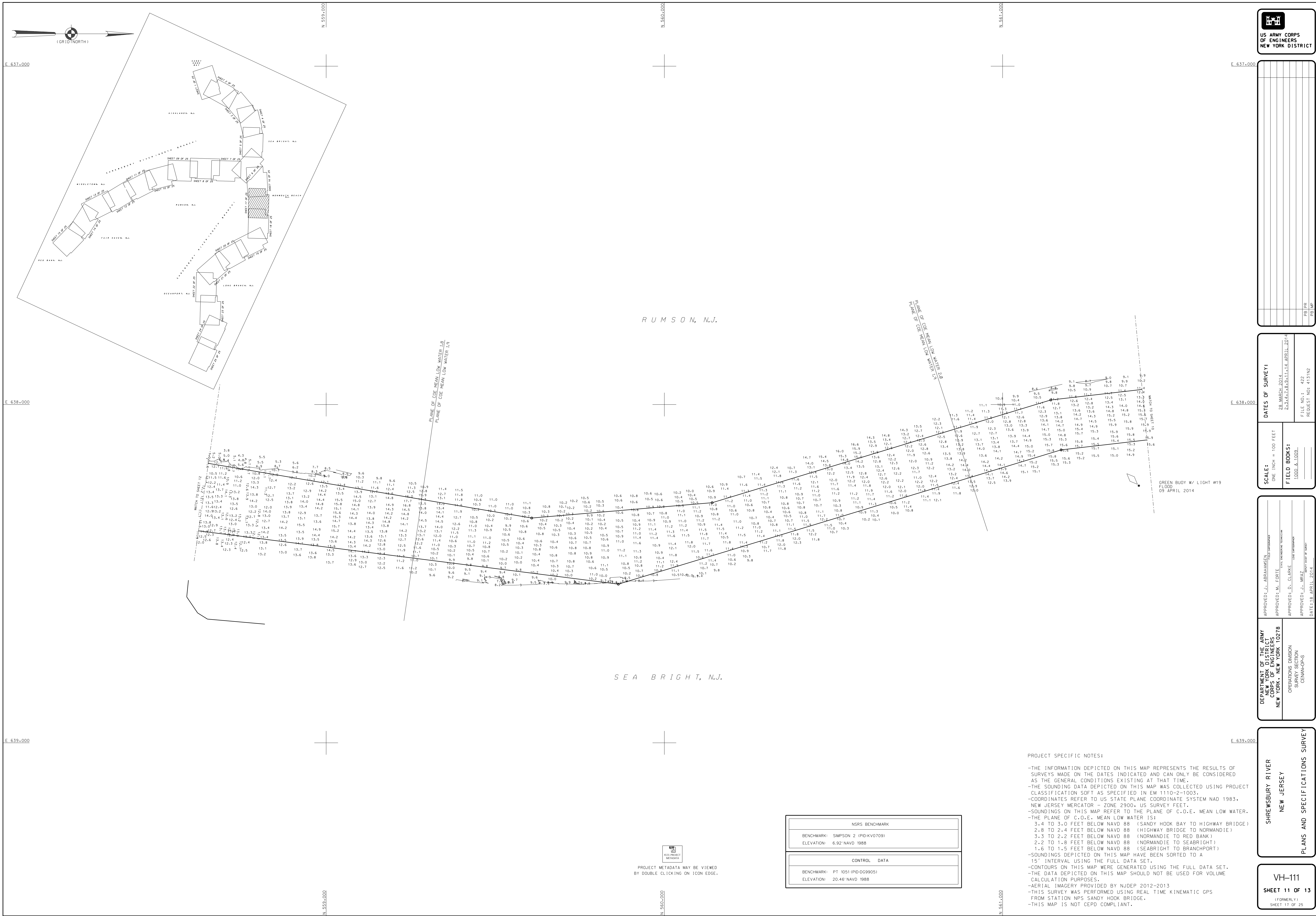
PROJECT SPECIFIC NOTES:

- 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 SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION SOFT AS SPECIFIED IN EM 1110-2-1003.
- COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, NEW JERSEY MERCATOR - ZONE 2000, US SURVEY FEET.
- SOUNDINGS ON THIS MAP REFER TO THE PLANE OF C.O.E. MEAN LOW WATER.
- THE PLANE OF C.O.E. MEAN LOW WATER IS:
 - 3.4 TO 3.0 FEET BELOW NAVD 88 (SANDY HOOK BAY TO HIGHWAY BRIDGE)
 - 2.8 TO 2.4 FEET BELOW NAVD 88 (HIGHWAY BRIDGE TO NORMANDIE)
 - 3.3 TO 2.2 FEET BELOW NAVD 88 (NORMANDIE TO RED BANK)
 - 2.2 TO 1.8 FEET BELOW NAVD 88 (NORMANDIE TO SEABRIGHT)
 - 1.6 TO 1.5 FEET BELOW NAVD 88 (SEABRIGHT TO BRANCHPORT)
- SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 15' INTERVAL USING THE FULL DATA SET.
- CONTOURS ON THIS MAP WERE GENERATED USING THE FULL DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL IMAGERY PROVIDED BY NJDEP 2012-2013
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS
- FROM STATION NPS SANDY HOOK BRIDGE.
- THIS MAP IS NOT CEFD COMPLIANT.

| NSRS BENCHMARK | |
|---------------------------------|--|
| BENCHMARK: SMPSON 2 (PIDKV0709) | |
| ELEVATION: 6.92' NAVD 1988 | |
| CONTROL DATA | |
| BENCHMARK: PT 1051 (PID-DG9905) | |
| ELEVATION: 20.46' NAVD 1988 | |



PROJECT METADATA MAY BE VIEWED
BY DOUBLE CLICKING ON ICON EDGE.

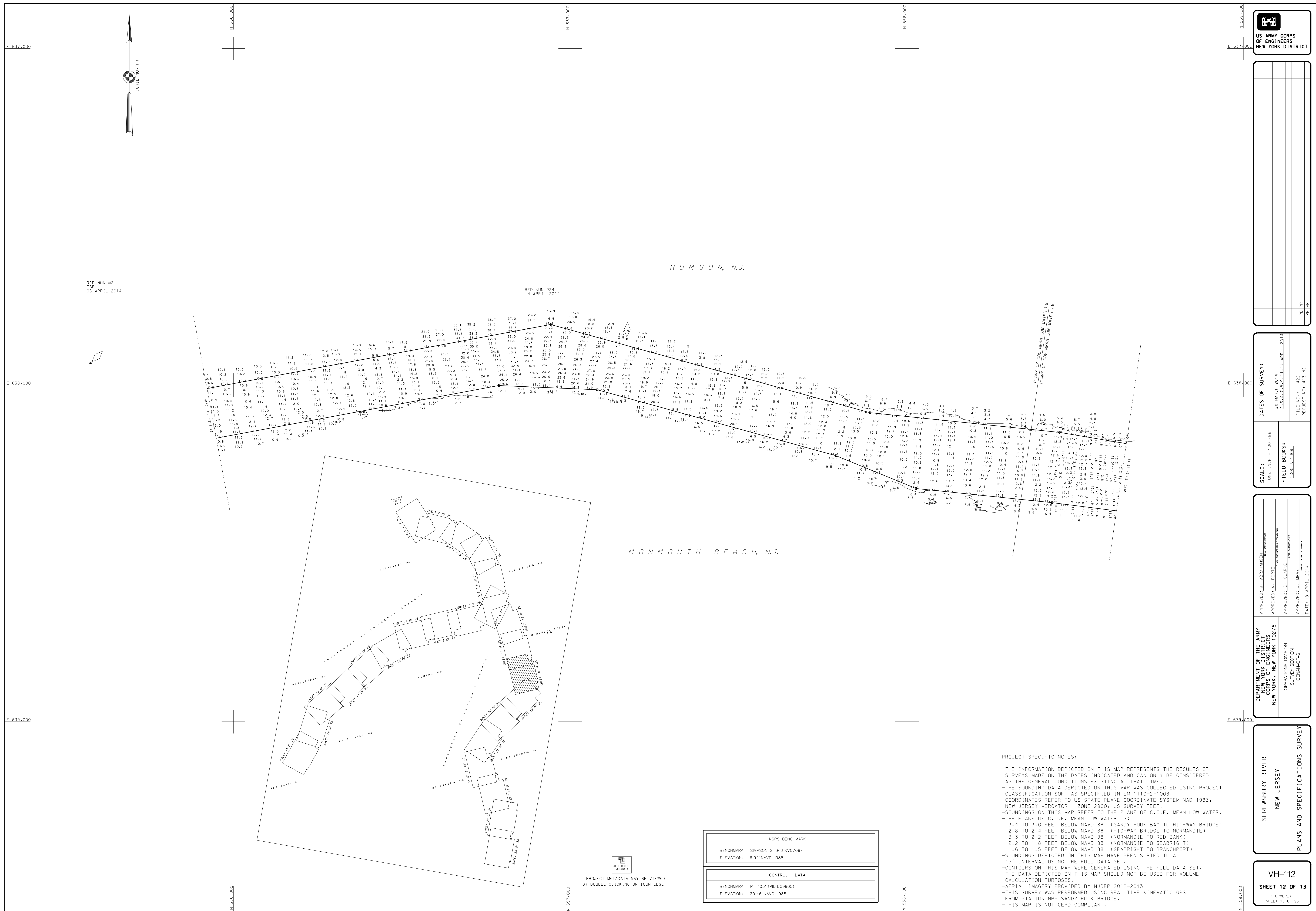
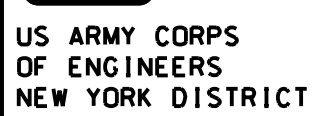


| | |
|---------------------|---|
| DATES OF SURVEY: | |
| ONE INCH = 100 FEET | 28 MARCH 2014
23, 24, 27, 28, 29, 31, 1, 3, 4 APRIL 2014 |
| FIELD BOOKS: | FILE NO.: 422
REQUEST NO.: 4131N2 |
| SCALE: | 1000_A.1001 |

| | |
|--|--|
| DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
NEW YORK 10278 | APPROVED: J. ABRAHAMSEN
APPROVED: M. FORTE
APPROVED: D. CLARKE
APPROVED: J. MRAZ
DATE: 18 APRIL 2014 |
| OPERATIONS DIVISION
SANDY HOOK BRIDGE
CENAN-OPS | APPROVED: J. ABRAHAMSEN
APPROVED: M. FORTE
APPROVED: D. CLARKE
APPROVED: J. MRAZ
DATE: 18 APRIL 2014 |

| | |
|--------------------------------|---------------------------------|
| SHREWSBURY RIVER
NEW JERSEY | PLANS AND SPECIFICATIONS SURVEY |
|--------------------------------|---------------------------------|

| |
|--|
| VH-111
SHEET 11 OF 13
(FORMERLY)
SHEET 11 OF 25 |
|--|



[illegible]

| | |
|---|---|
| ONE INCH = 100 FEET
FIELD BOOKS:
1000 & 1009 | DATES OF SURVEY:
28 MARCH 2014
2, 3, 4, 7, 8, 9, 11, 14 APRIL 2014 |
| FILE NO.: 422
REQUEST NO: 4131N2 | |

APPROVED: J. ABRAHAMSON
FIELD ENGINEER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
LOCAL COORDINATOR

APPROVED: J. MRAZ
CITY OF SALT LAKE

DATE: 18 APRIL 2014

NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10270

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
PLANS AND SPECIFICATIONS SURVEY

VH-113
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(FORMERLY)
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