

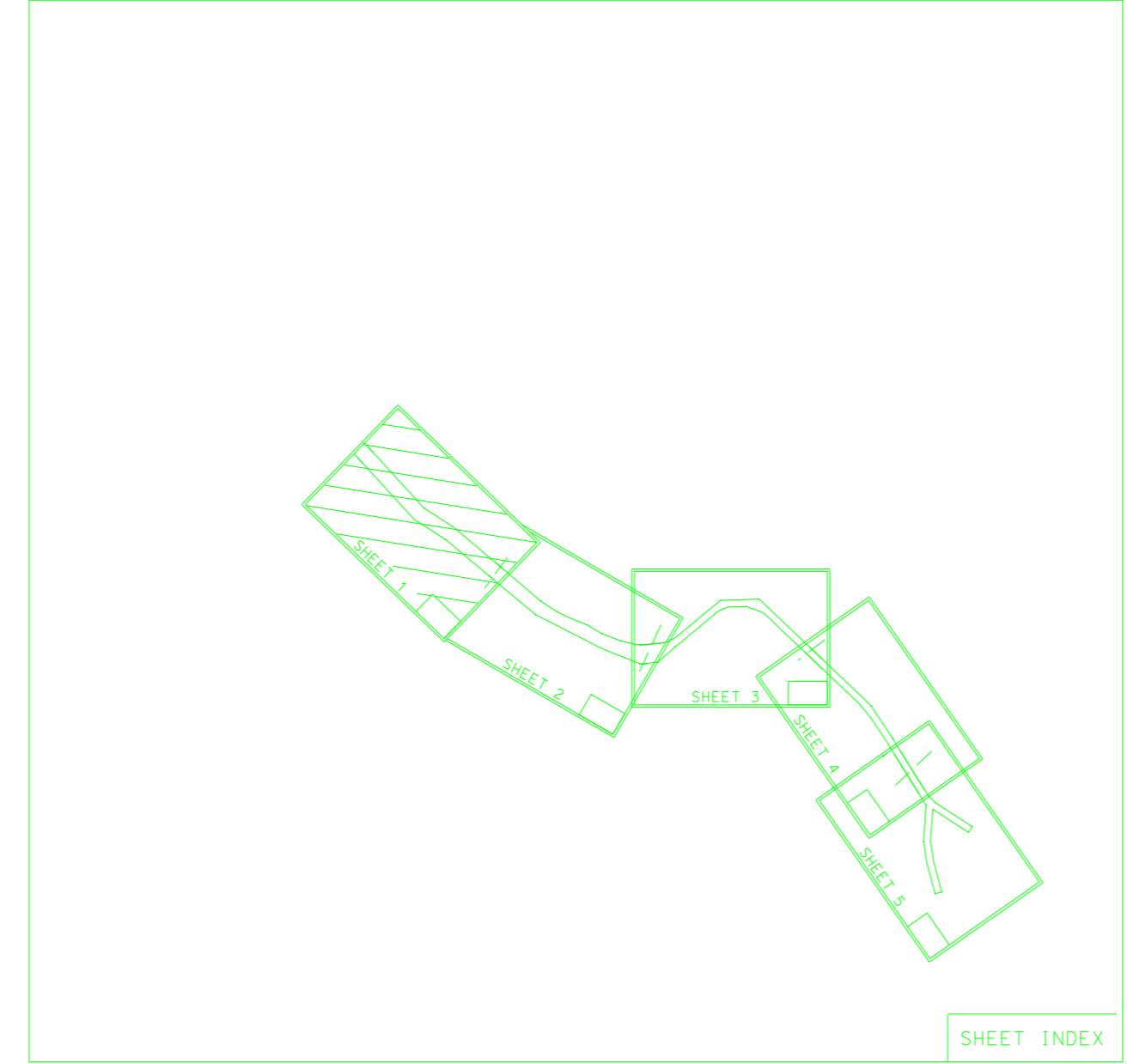
NO.	DATE	DESCRIPTION

DATES OF SURVEY: 18.13; 23-25 AUGUST 2010	FILE NO.: 05 PROJECT NO.: 18AP0388K
SCALE: ONE INCH = 50 FEET	FIELD BOOKS: 14260

DEPARTMENT OF THE ARMY NEW YORK DISTRICT NEW YORK, NEW YORK 10278	APPROVED: D. SWAIN TITLE: DISTRICT ENGINEER
OPERATIONS DIVISION SURVEY SECTION GENM-OP-S	APPROVED: M. FORTE TITLE: DISTRICT ENGINEER
APPROVED: J. MAZ TITLE: DISTRICT ENGINEER	APPROVED: F. POST TITLE: DISTRICT ENGINEER
DATE: 30 AUGUST 2010	DATE: 30 AUGUST 2010

EAST CHESTER CREEK
 NEW YORK
 BASIC & OPTION 1, OPTION 3 &
 OPTION 1 (CAS LINE - TO - BRIDGE)
 AFTER DREDGE SURVEY

VH-101
 FORMERLY SH 10
 SHEET 1 OF 5



LOCAL CONTROL DATA	
BENCHMARK: RTK FULTON	ELEVATION: 13.69' NAVD (88)
N.S.R.S. CONTROL DATA	
BENCHMARK: Z - 351 PID: KU1154	ELEVATION: 107.97' NAVD (88)

NOTE:
 THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED CONDITIONS EXISTING AT THAT TIME.
 THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
 COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983). SOUNDINGS REFER TO THE PLANE OF COE MEAN LOW WATER. THE PLANE OF COE MEAN LOW WATER IS 4.5 FEET BELOW NAVD (1988).
 THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION - SOFT, AS DEFINED IN EM 1110-2-1003.
 THE DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.
 THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION "RTK FULTON".

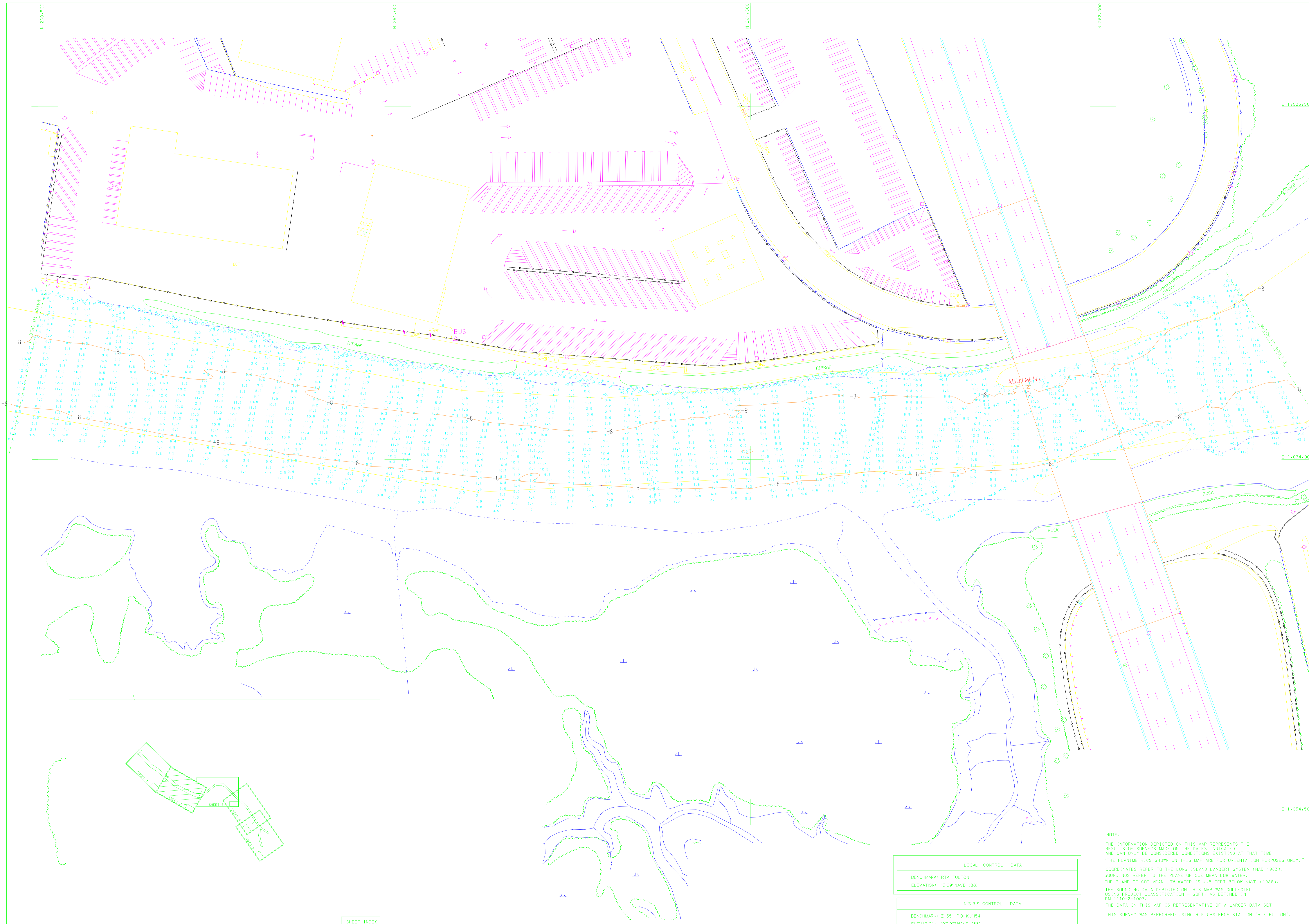
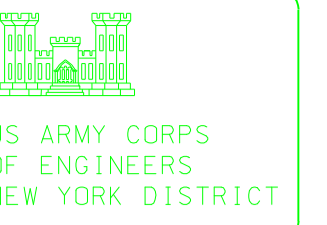


Table with multiple empty rows and columns, likely for project metadata or revision tracking.

DATES OF SURVEY: 18,19, 23-25 AUGUST 2010
SCALE: ONE INCH = 50 FEET
FIELD BOOKS: 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, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

APPROVED: D. SWAIN
APPROVED: M. FORTI
APPROVED: J. WISE
APPROVED: F. POSTIGLIONE
DATE: 08 AUGUST 2010

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278
OPERATIONS DIVISION
SUBDIVISION
GEMM-GPS

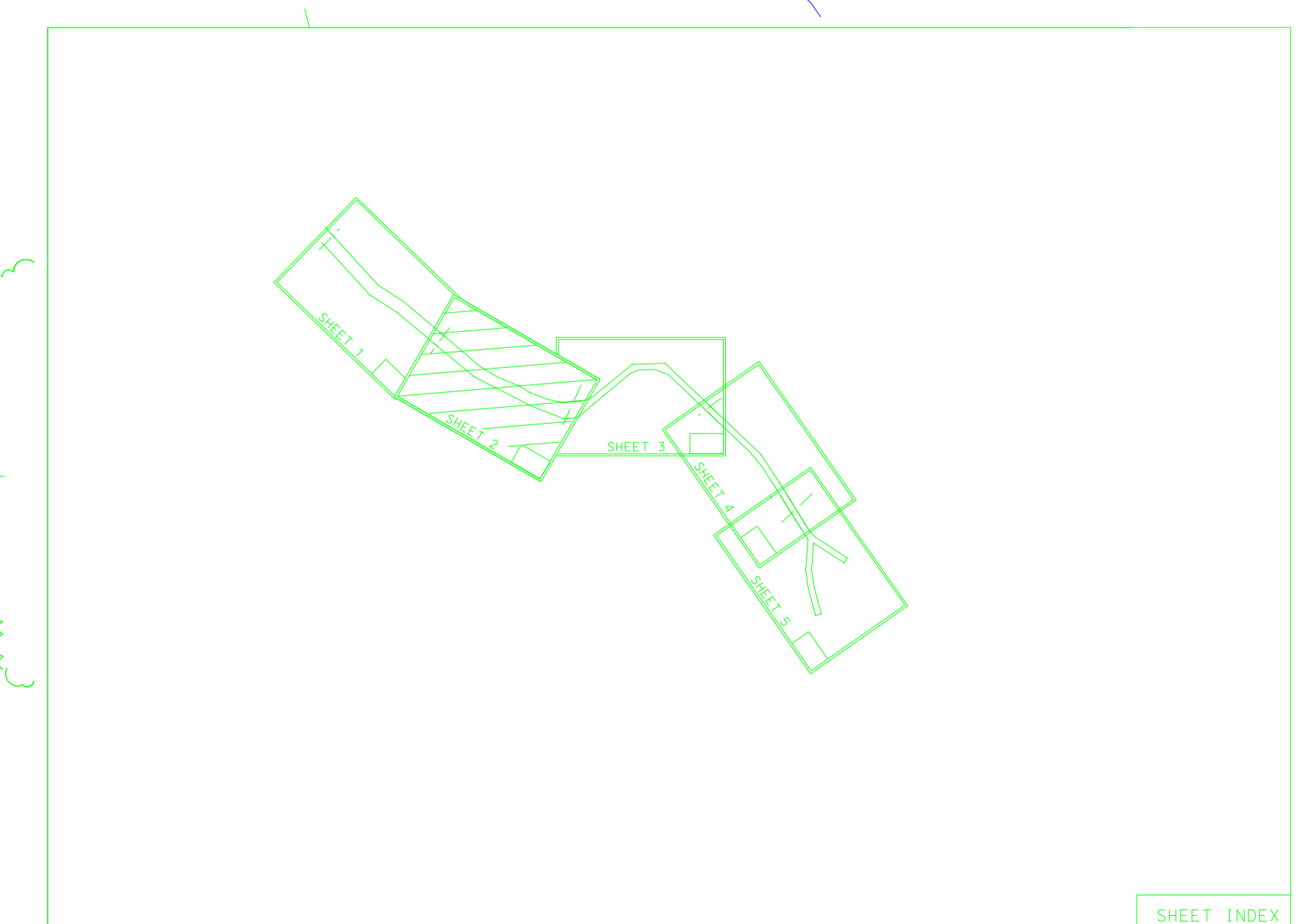
EAST CHESTER CREEK
NEW YORK
BASIC & OPTION 1 - OPTION 3 &
OPTION 1 (GAS LINE - TO - BRIDGE)
AFTER DREDGE SURVEY

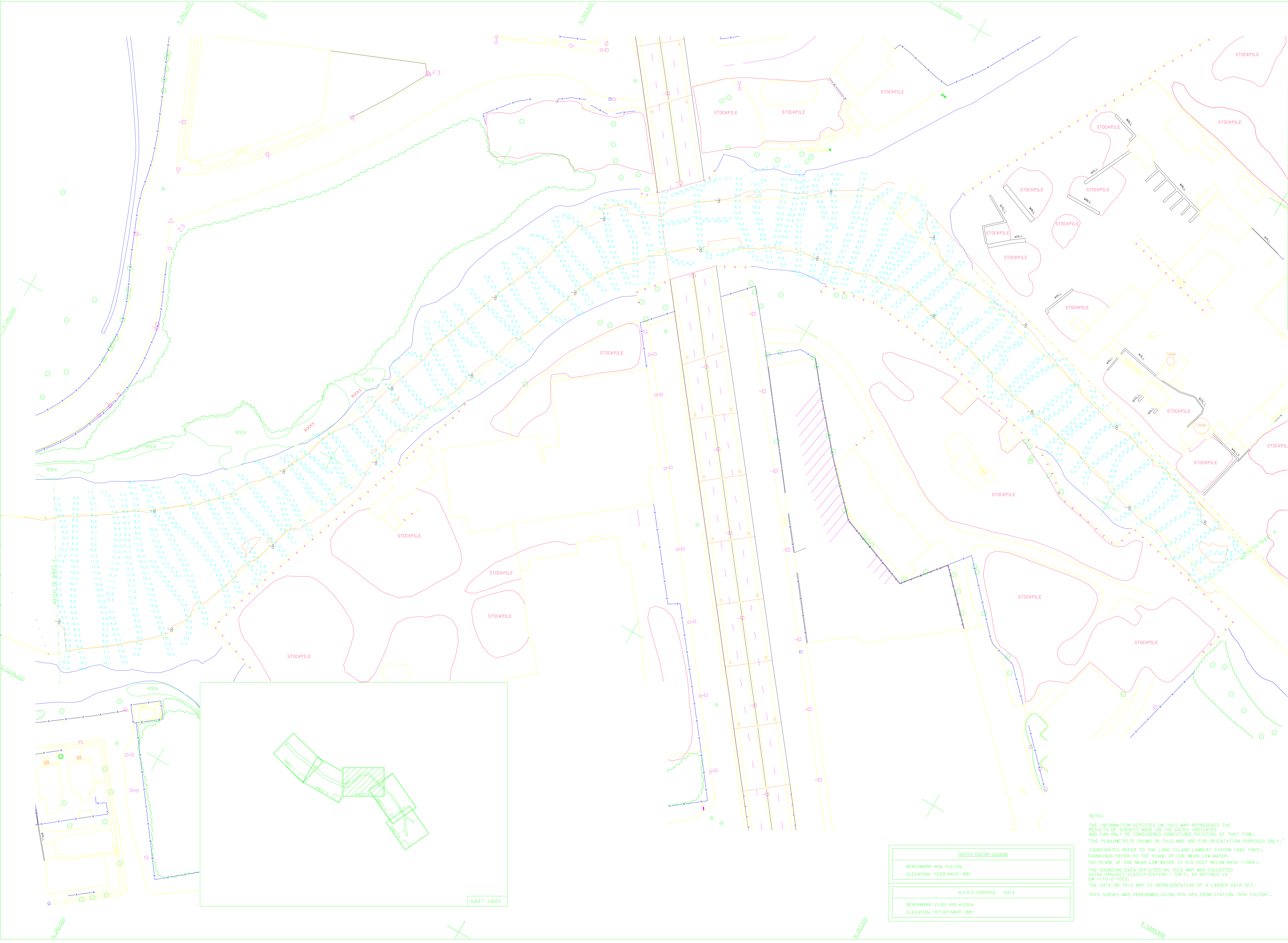
VH-102
FORMERLY SH 11
SHEET 2 OF 5

LOCAL CONTROL DATA
BENCHMARK: RTK FULTON
ELEVATION: 13.69 NAVD (88)

N.S.R.S. CONTROL DATA
BENCHMARK: 2-351 PDI/KUT154
ELEVATION: 107.97 NAVD (88)

NOTE:
THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED CONDITIONS EXISTING AT THAT TIME.
"THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY."
COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (INAD 1983).
SOUNDINGS REFER TO THE PLANE OF CDE MEAN LOW WATER.
THE PLANE OF CDE MEAN LOW WATER IS 4.5 FEET BELOW NAVD (1988).
THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION - "SOFT", AS DEFINED IN EM 1110-2-1003.
THE DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.
THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION "RTK FULTON".





 US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT	
SHEET NO. 12 SHEET TITLE: EAST CHESTER CREEK PROJECT NO. 107-97-NAVD (88)	
DATE: 30 AUGUST 2010	

DATES OF SURVEY: 18 JULY 2010 23 JULY 2010 25 AUGUST 2010	SCALE: ONE INCH = 50 FEET
FIELD BOOKS: 12860	FIELD NO.: 05 RECORD NO.: 1847499K

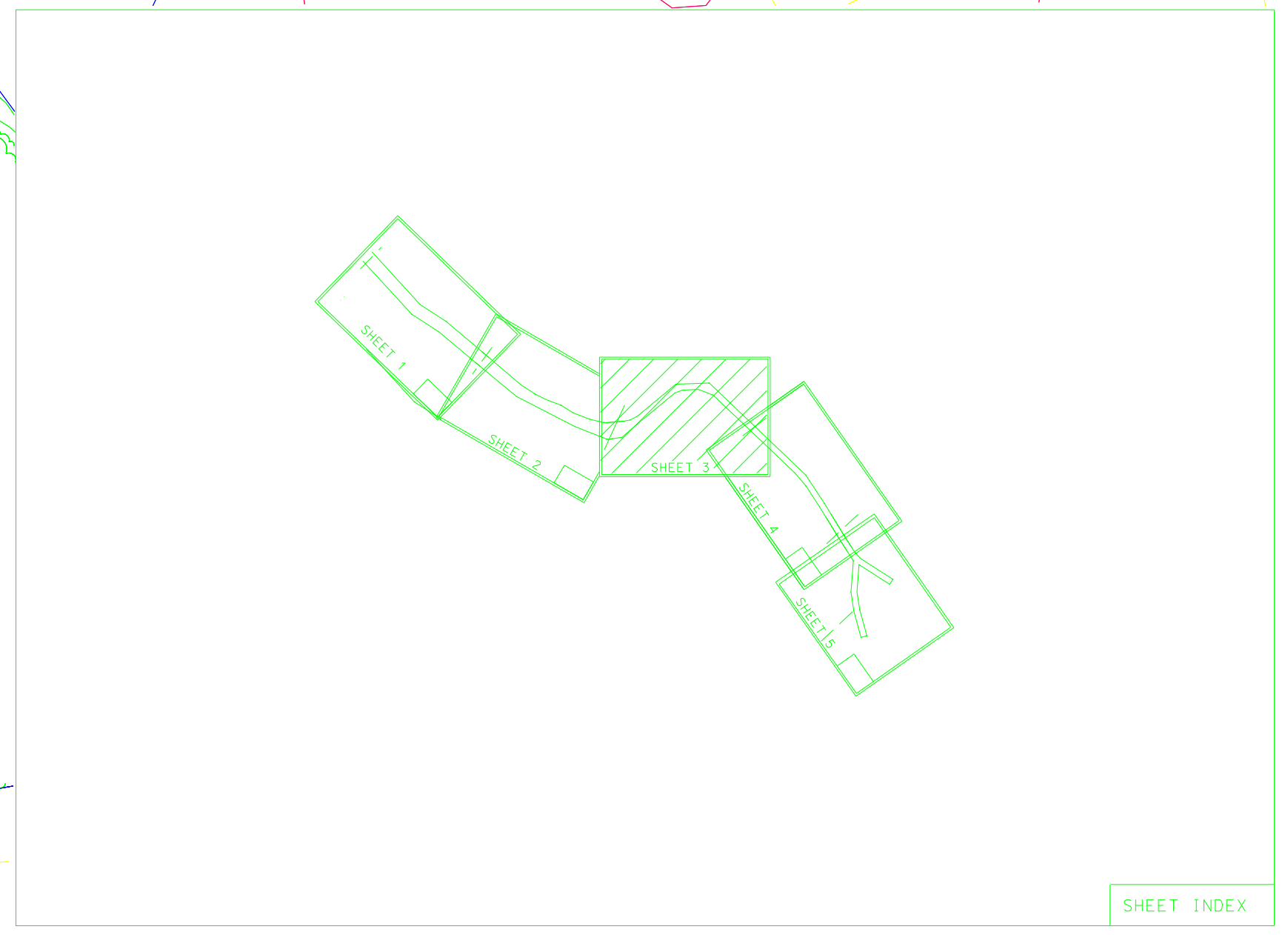
DEPARTMENT OF THE ARMY NEW YORK DISTRICT NEW YORK, NEW YORK 10278	APPROVED: D. SWAIN M. FORTE
OPERATIONS DIVISION SURVEY SECTION GEN-AN-CPS	APPROVED: J. WELZ F. POSTULON
DATE: 30 AUGUST 2010	DATE: 30 AUGUST 2010

EAST CHESTER CREEK
 NEW YORK
 BASIC & OPTION 1, OPTION 3 &
 OPTION 1 (GAS LINE - TO BRIDGE)
 AFTER DREDGE SURVEY

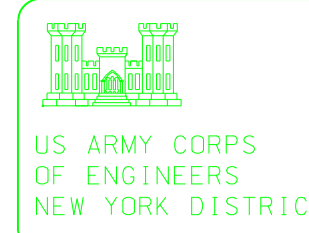
VH-103
 FORMERLY SHEET 12
 SHEET 3 OF 5

NOTE:
 THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED CONDITIONS EXISTING AT THAT TIME.
 THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
 COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983).
 SOUNDINGS REFER TO THE PLANE OF COE MEAN LOW WATER.
 THE PLANE OF COE MEAN LOW WATER IS 4.5 FEET BELOW NAVD (1988).
 THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION - SOFT, AS DEFINED IN EM 1110-2-1005.
 THE DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.
 THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION "RTK FULTON".

DEPTH COLOR LEGEND	
BENCHMARK: RTK FULTON	ELEVATION: 13.69' NAVD (88)
N.S.R.S. CONTROL DATA	
BENCHMARK: Z-351 PID: KU1154	ELEVATION: 107.97' NAVD (88)



SHEET INDEX



US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT



DATES OF SURVEY:
18., 19., 23. - 25 AUGUST 2010
FILE NO.: 59
REQUEST NO.: 10885858

SCALE:
ONE INCH = 50 FEET
FIELD BOOKS:
14260

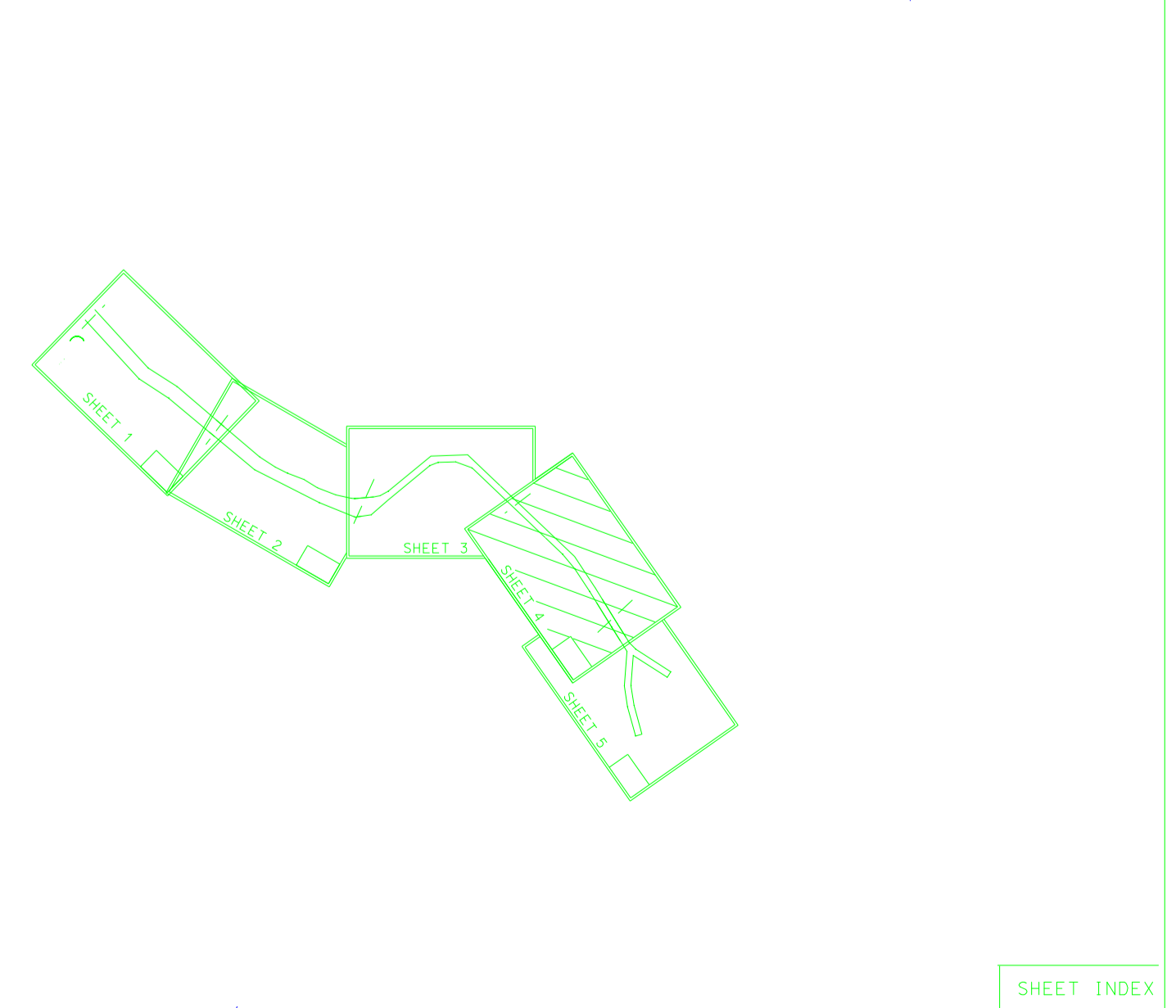
APPROVED: D. SMALIN, DISTRICT ENGINEER
APPROVED: M. FORTE, DISTRICT ENGINEER
APPROVED: J. MRAY, DISTRICT ENGINEER
APPROVED: F. JOSHIGLIONE, DISTRICT ENGINEER
DATE: 30 AUGUST 2010

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278
OPERATIONS DIVISION
SURVEY SECTION
CEMAN-OP-8

EAST CHESTER CREEK
NEW YORK
BASIC & OPTION 1, OPTION 3 &
OPTION 4 (GAS LINE -TO- BRIDGE)
AFTER DREDGE SURVEY

NOTES:
THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED CONDITIONS EXISTING AT THAT TIME.
THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY. COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983). SOUNDINGS REFER TO THE PLANE OF COE MEAN LOW WATER.
THE PLANE OF COE MEAN LOW WATER IS 4.5 FEET BELOW NAVD (1988).
THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION - SFT, AS DEFINED IN EM 1110-2-1003.
THE DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET. THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION "RTK FULTON".

LOCAL CONTROL DATA	
BENCHMARK: RTK FULTON	ELEVATION: 13.69 NAVD (88)
N.S.R.S. CONTROL DATA	
BENCHMARK: Z-351 PID: KUI54	ELEVATION: 107.97 NAVD (88)



VH-104
FORMERLY SHEET 13
SHEET 4 OF 5

