# THE DEVELOPMENT STUDY ON THE SEAWALL CONSTRUCTION PROJECT FOR MALE' ISLAND IN THE REPUBLIC OF MALDIVES

SUPPORTING DATA I

DECEMBER 1992

JAPAN INTERNATIONAL COOPERATION AGENCY

No. 53 SSS 92-125





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JAPAN INTERNATIONAL COOPERATION AGENCY

### TOPOGRAPHIC AND BATHYMETRIC SURVEY MAPS IN MALE' AND FUNADHOO ISLANDS

,这时,我们就是我们就是我们的。""你们,我们们就是你们,我们们的,我们们的你们,我们们的你们,我们不是你的。""你们,我们们不是你的。""你们,我们们不是我们 "我们们,你们就是你们,你们就是你们就是你们,你们就是你们的你们,你们们们的你们,你们们就是你们的你们,你们们就是你们们的?""你们,你们们不是你们是你们,你们们

#### MALE' ISLAND

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KEY PLAN

GENERAL MAP OF MALE' ISLAND

PATH OF SOUNDINGS

WEST COAST EAST COAST SOUTH COAST NORTH COAST

#### BATHYMETRIC MAPS

NO. 2 - 4 NO. 8 - 16 NO. 20 - 22 NO. 27 - 29 NO. 34 - 48

### FUNADHOO ISLAND

KEY PLAN

GENERAL MAP OF FUNADHOO ISLAND

BATHYMETRIC MAPS

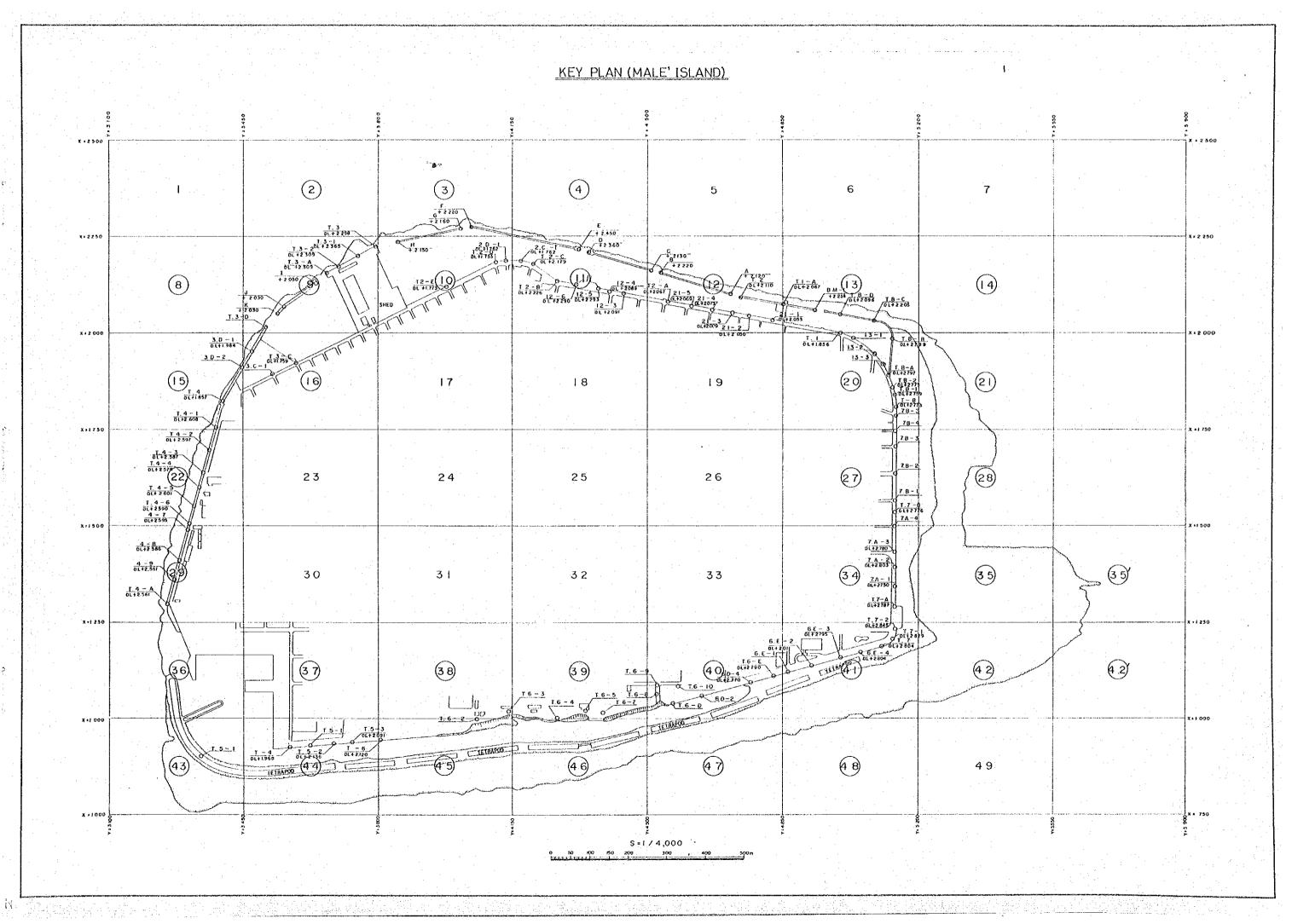
CROSS SECTIONS

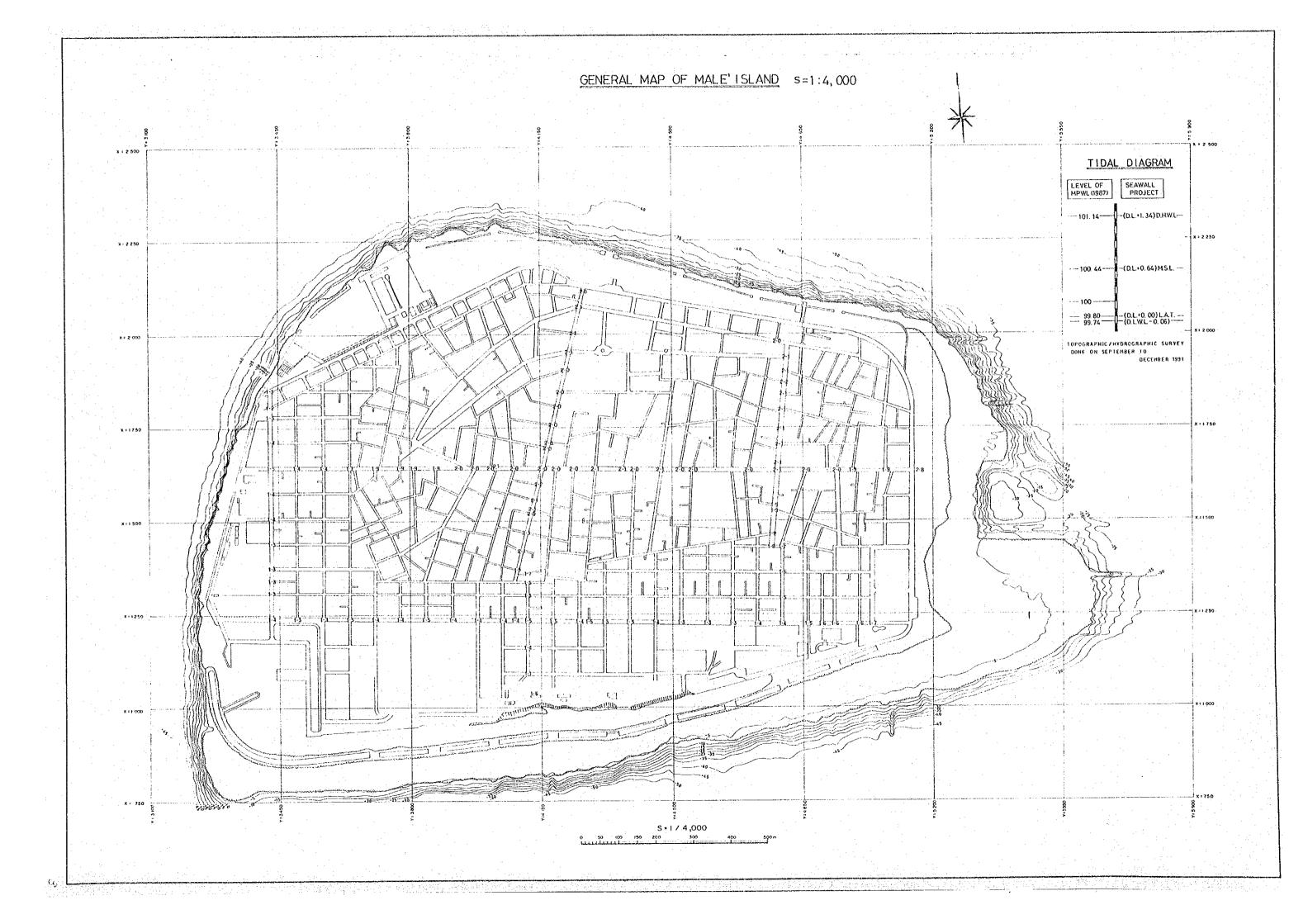
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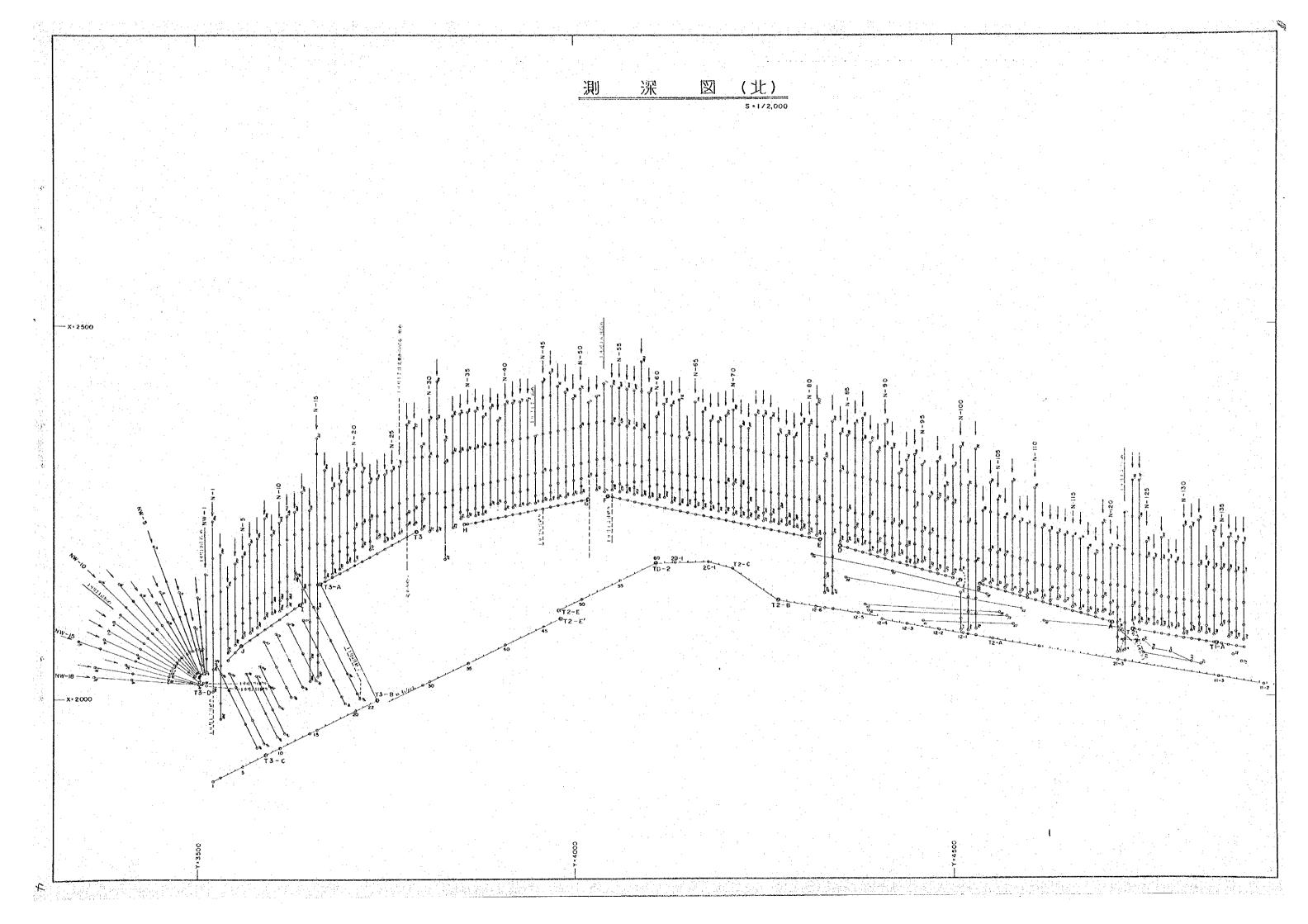
NO. E-1 - E-23 NO. N-1 - N-27NO. W-1 - W-10NO. S-1 - S-11

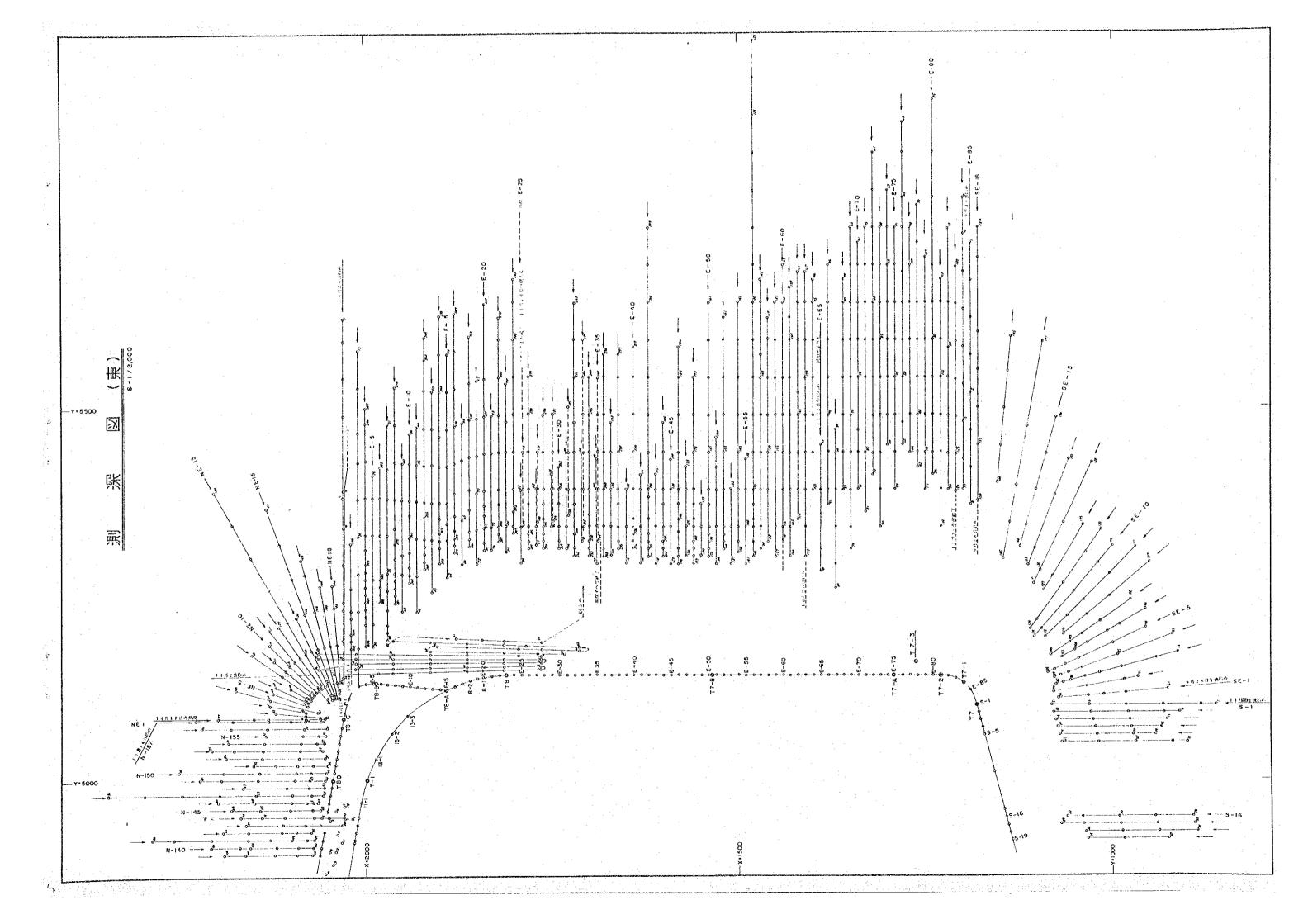
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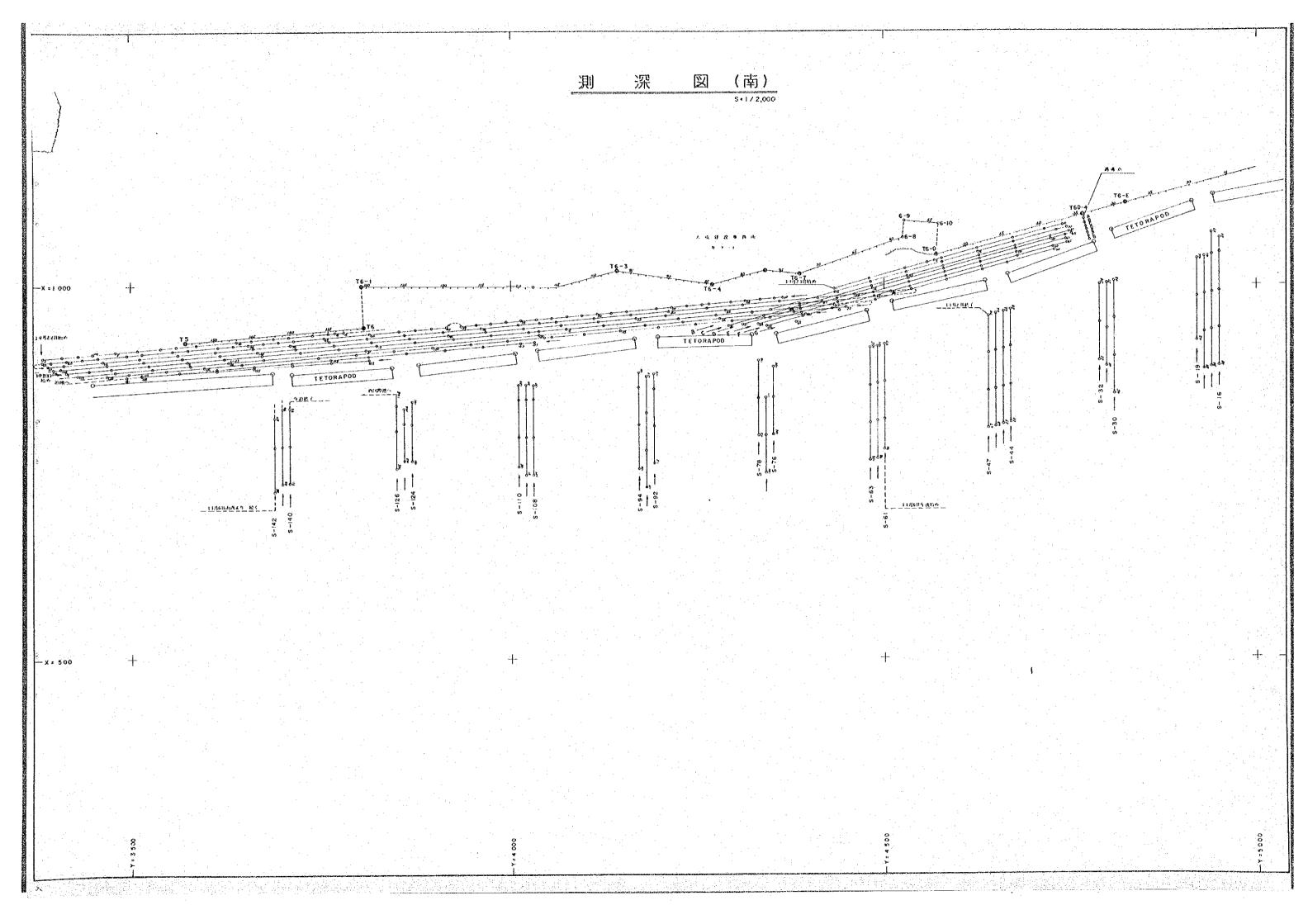
NO. E-1NO. N-1 NO. W-1 NO. S-1 - S-3

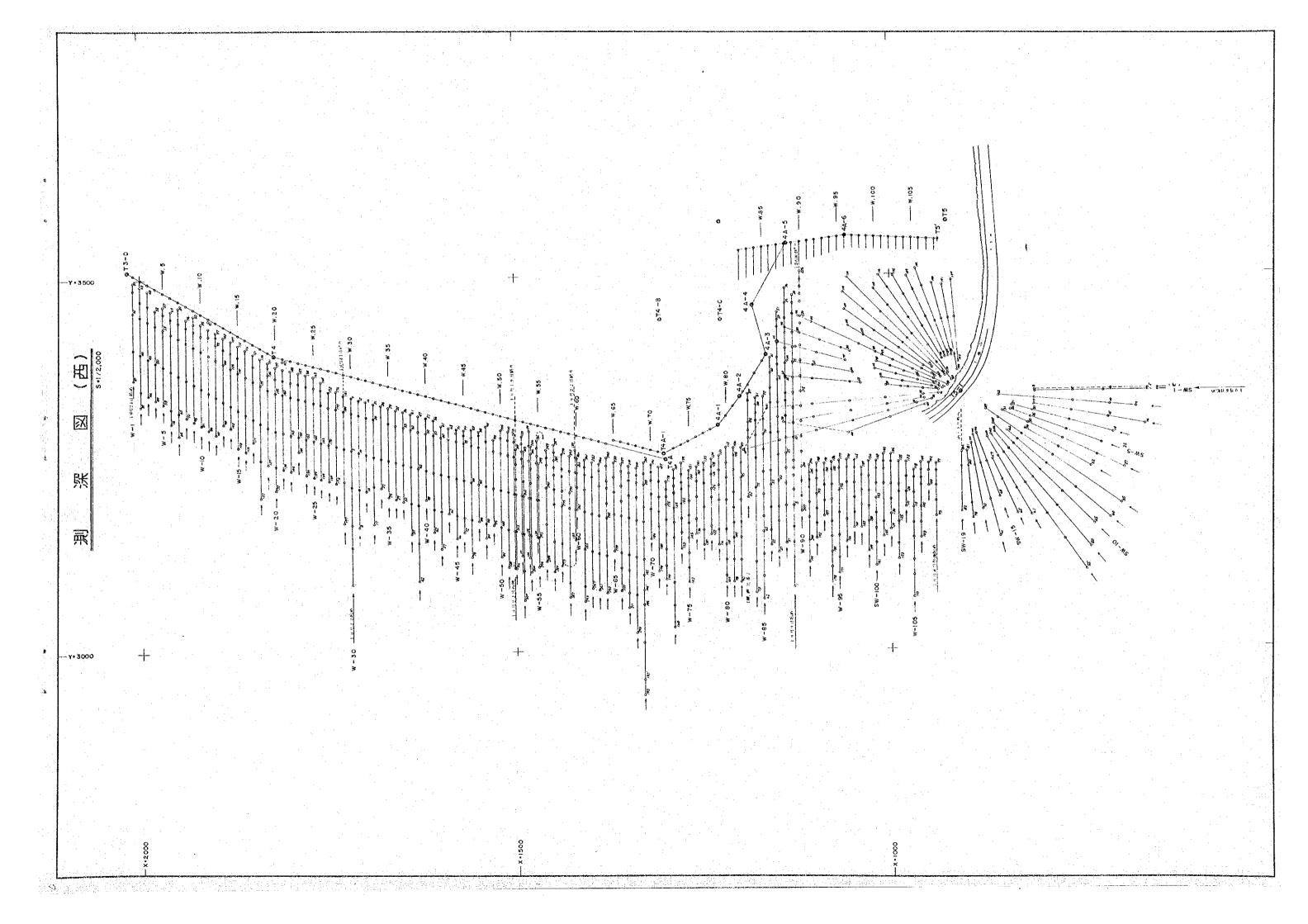


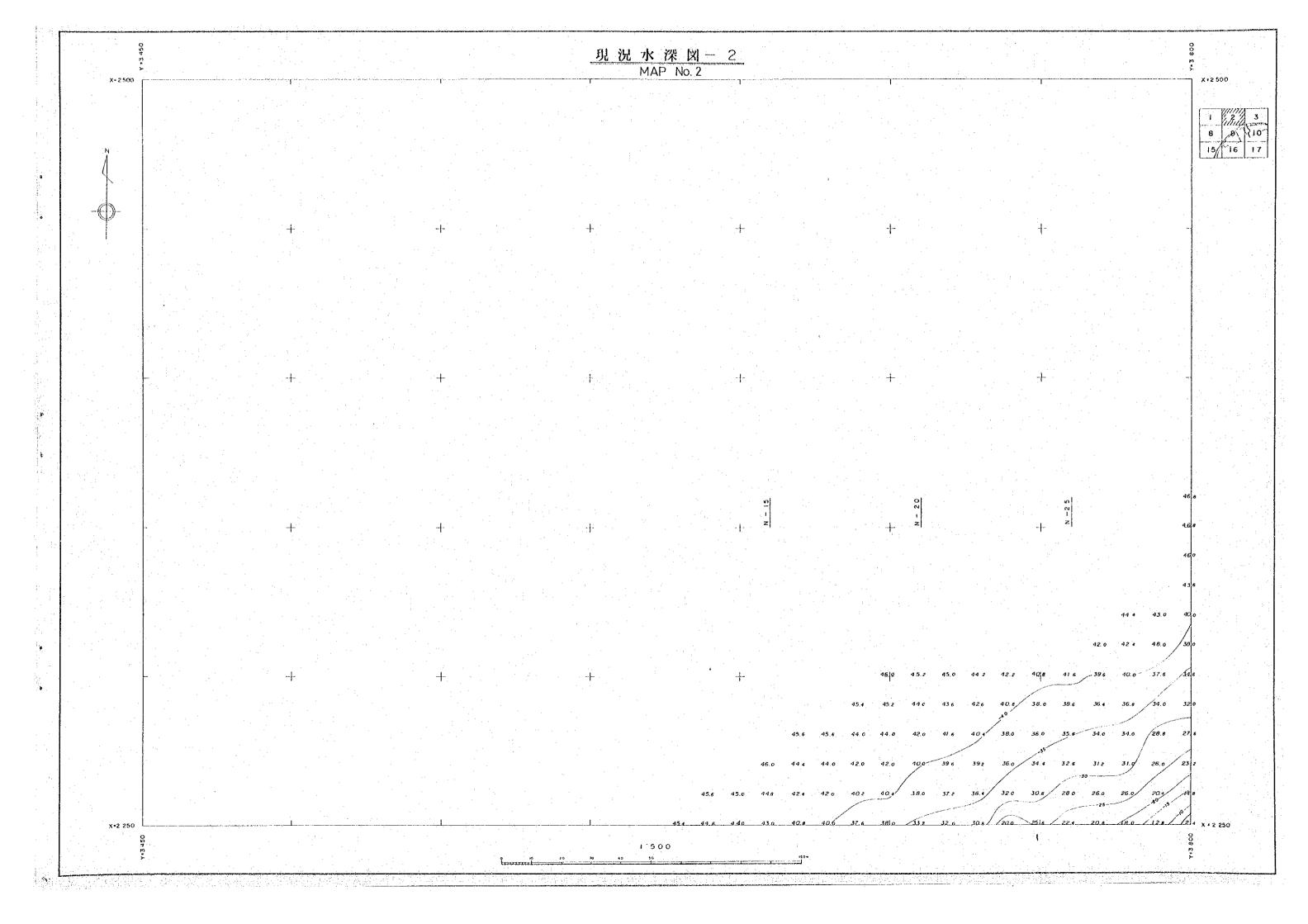






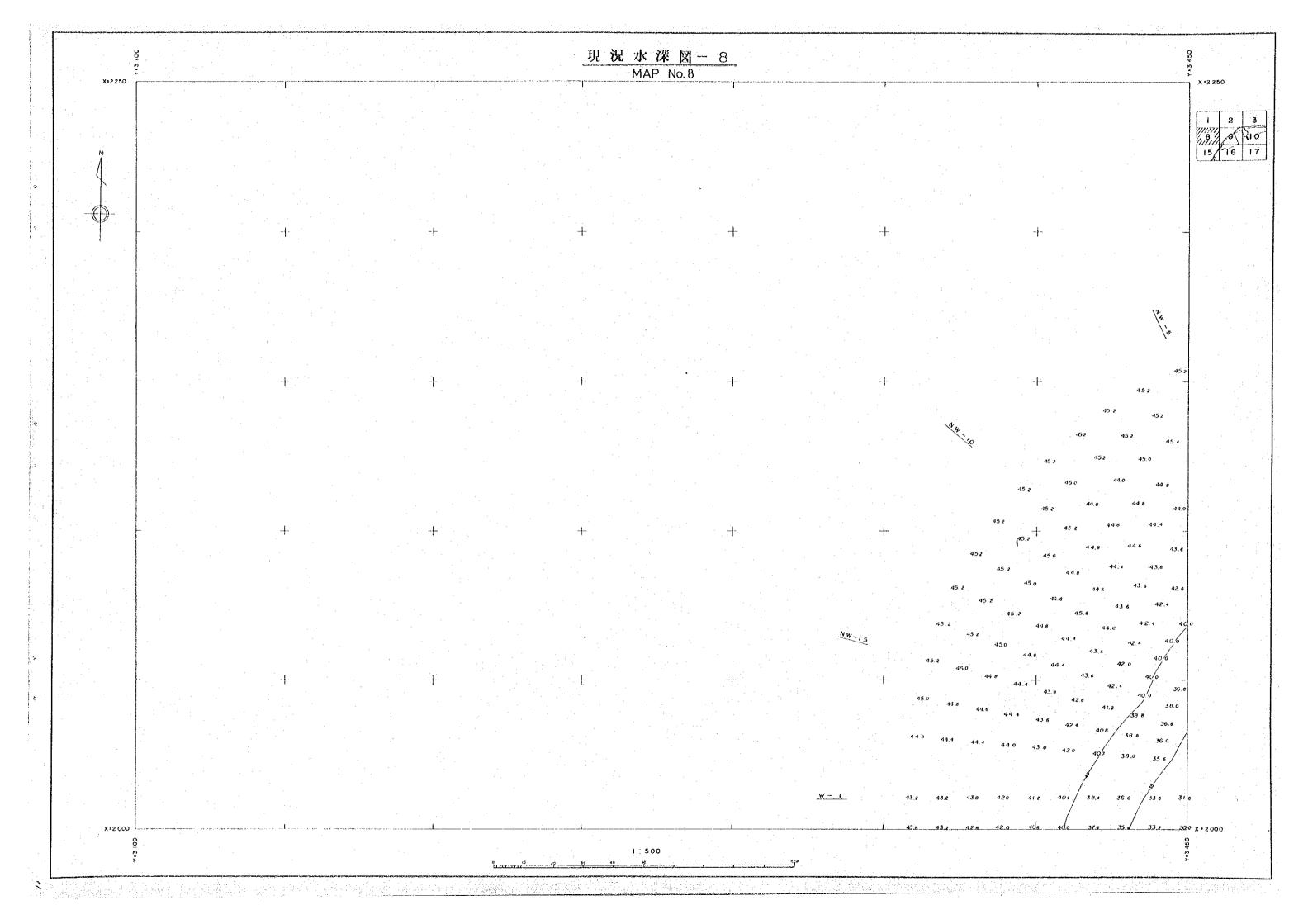


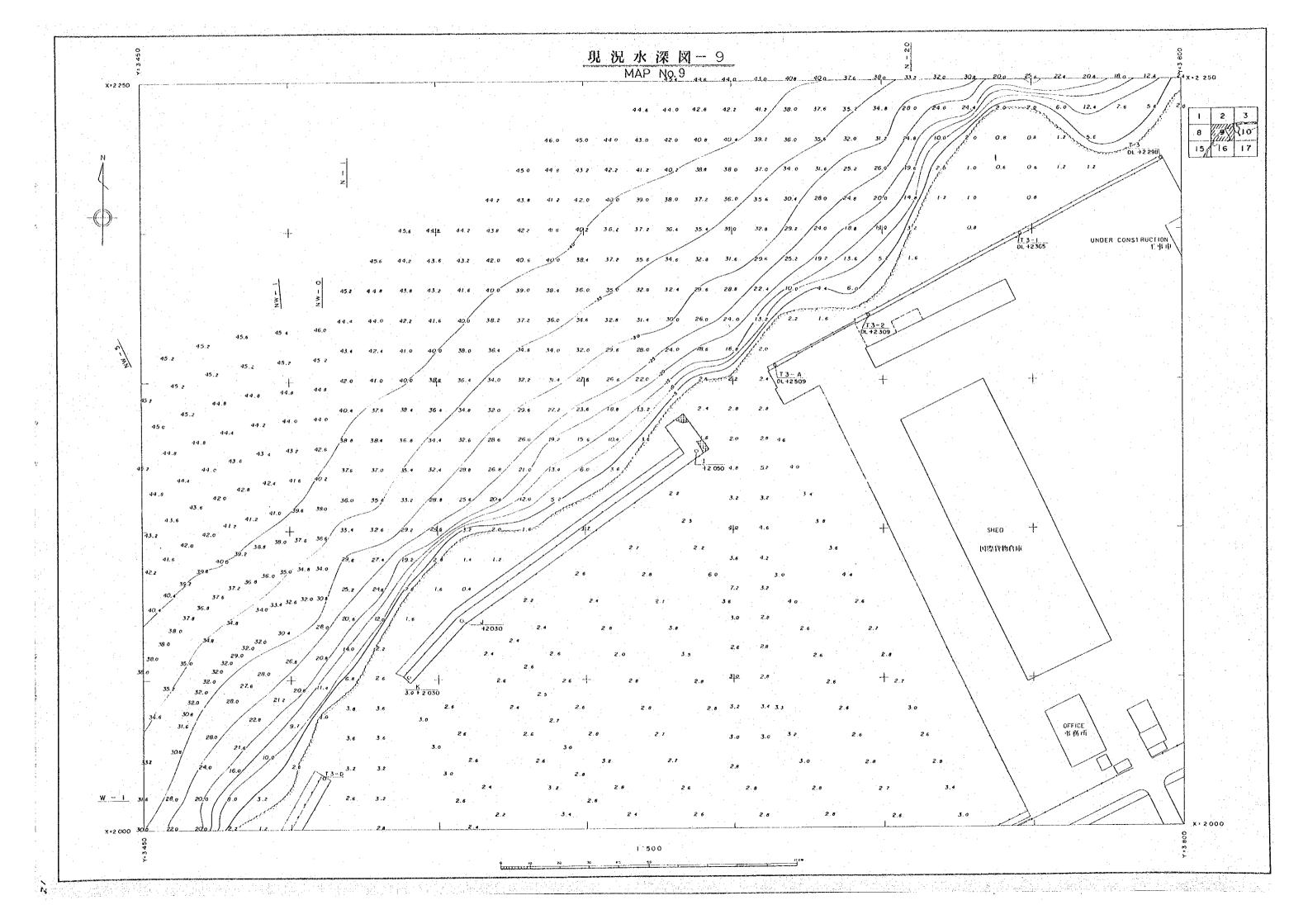


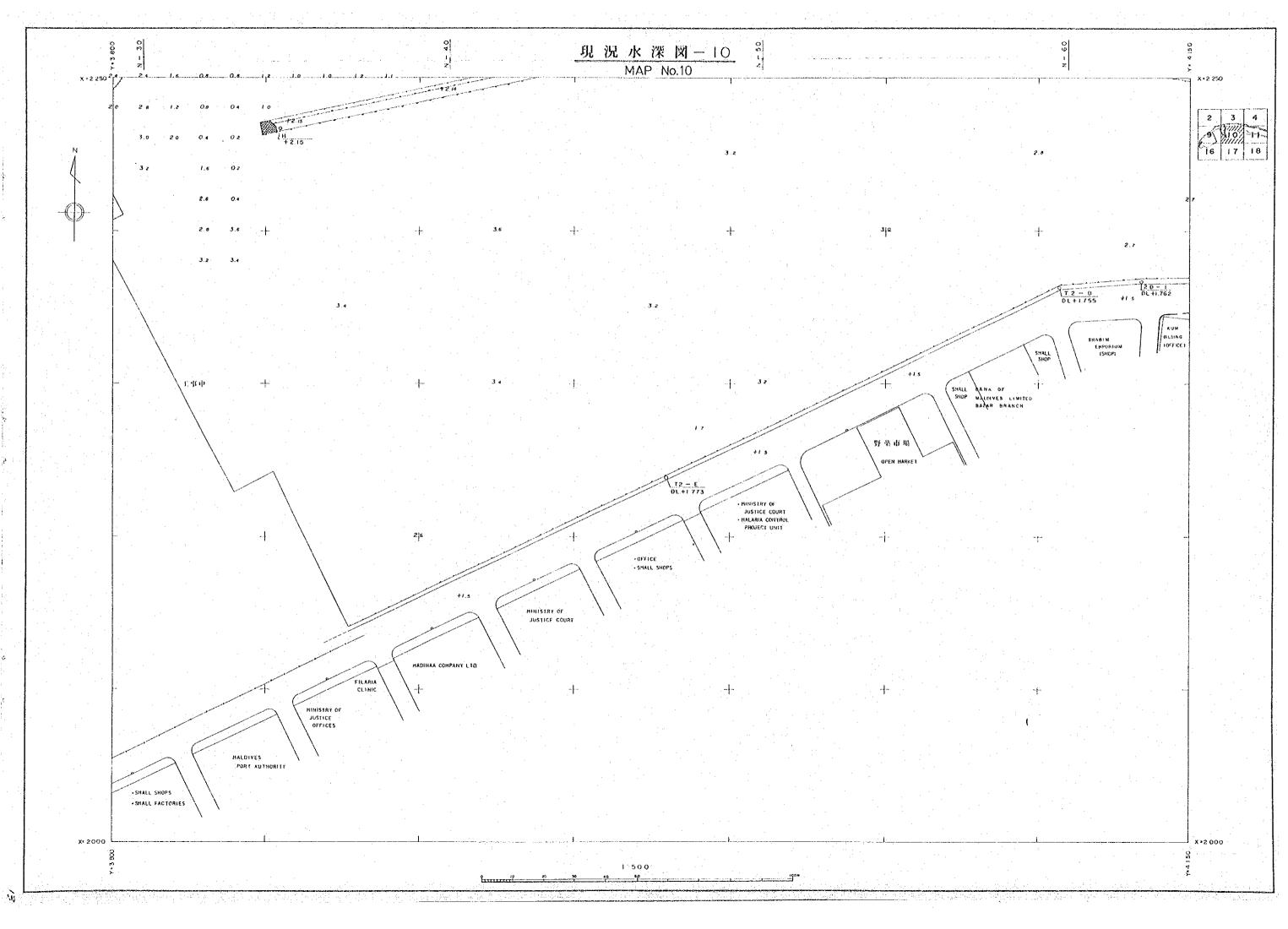


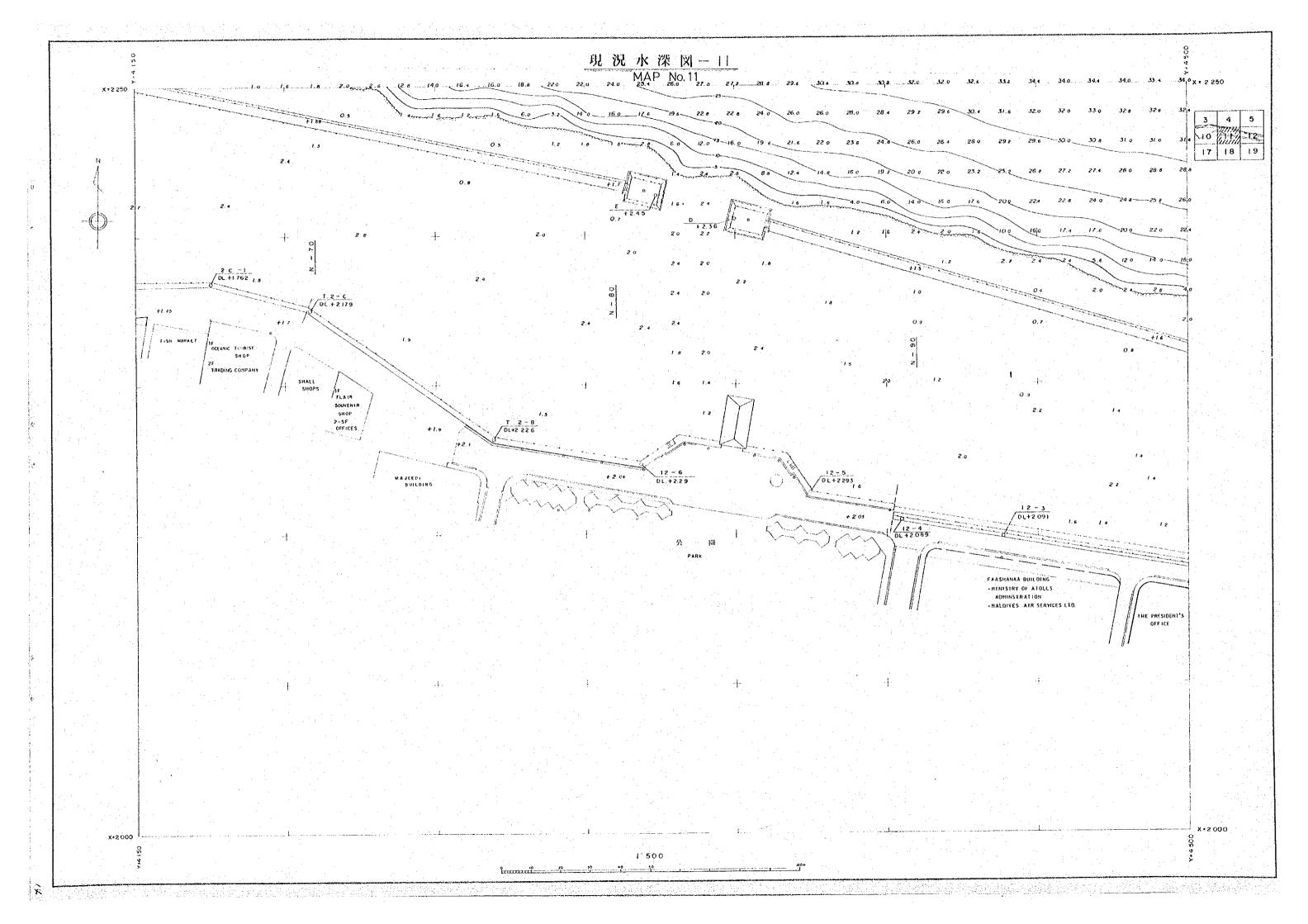
<u>現況水深図-3</u> MAP No.3 X = 2 500 x + 2500 2 3 4 9 10 HL 16 17 18 Ь 44. 432 43 2 4312 42.8 406 40 4 44 0 42 4 436 43.2 43.2 424 424 42 5 43 2 44 0 432 432 4218 428 42 4 436 AA 4 , 38 e − 37 40.4/ 42 o 408 412 404 42.0 41 2 42 4 42 8 436 41.0 412 40.4 40.0 40.6 40.4 41.2 41.2 412 42 0 420 44.8 41.2 428 424 40.4 412 424 410 406 39.4 38.4 39.4 27.0 374 38.0 376 37.2 37.6 37.6 340 34 396 38 0 38 4 38 g 380 35 4 37.e 38.0 43 6 420 436 32 8 33 6 33 6 30 8 30 8 384 34 0 33 5 340 31.8 32.6 340 34.8 33 6 .360 374 424 420 412 41 z 38.0 334 38.6 35.6 35.6 34 4 34.4 340 360 406 38 < 39.6 36 o 40% 35.8 364 32.4 33.2 32.6 304 25.2 260 286 29 2 28 8 31 2 32.8 32.4 392 380 30.4 -30 296 296 30.0 292-309 29 6 `∢€ ₄ 370 376 36.4 35.2 32.0 30.4 38.0 36.0 ~ 30.0 3 6 35.2 332 . 31.6 1290 110 02 36.4 34.4 34.4 3218 320 32.8 29.4 280 29.2 280 26.0 26.0 27 24.8 260 264 260 22.0 20 8 23.2 210 32.0 260/ 28.0 26 o 280 384 22/6 20 120 22 4 20.6 20 22 4 18 8 16 4 19.2 9.2 128 13.2 22 0 34 8 32 0 288 292 30 3/ 280 26 o 28.4 25.8 18.0 196 16.5 16 0 32 15.4 / 19.2 20.8 276 22.8 260 1.5 232 200 22 0 12.0/ 23 20 10 0 2.6 5.0 7.2/2 24 24 22 16 15 120 140 250 24 7.2 6.8 2 15 0.4 2 4 1.4 12 12 12 2.0 1.6 23 2 20 4 +13 G .+216 4.0 10 2.4 16 12 1.2 C 8 1.6 4.0 X=2 250 214 1 24 1.6 0.8 0.8 1/2 1.0 X + 2 250 ğ 1:500 40 50 Y

现况水深図-4 00 MAP No. 4 X = 2 500 X=2 500 3 4 5 10 11 72 17 18 19 43 43.4 43.2 43.0 4**1**[a. 40. z 40.0 396 39.6 40.4 40 6 41.2 44.8 40.0 40.4 39.4 43 6 43.2 42.0 404 40.6 39.5 394 390 39.2 33 a 39 z 39. 39.8 42 40.4 42.0 42. 41.2 41.0 40.6 398 39.6 38.4 39.6 38 A 39.6 39.0 40.0. 40 8 40.2 40.4 40.4 400 39.6 39.2 38.6 38 0 36.≵ 35 6 37.2 35.4 36.8 36.8 37.6 38.0 39.0 39.2 39.2 39.0 38.4 39.0 394 39 2 392 38. 38 2 340 340 35.4 37 2 36.4 37 2 28.0 32.0 33.2 -35.2-35 34.6 36.0 36.4 372 346 37.4 28 37.1 37.6 35 2 35. 35.8 26.4 28.0 30.0.-30 28.8 33.6 34.0 29.2 240 25.4 -30.0 34.8 -34.8 35.4 35 6 36.0 36.6 36 4 36.8 36.5 37.0 370 376 170 37.2 37 20.0 22.0 23.2 16.8 26 + 26.8 27.6 300 31.2 31.2 32.0 32.8 32.8 33.6 34.4 34 8 336 34.8 352 336 35 6 360 36 a 36.0 360 36 4 **18** a 36.0 8.8 11.2 12 8 14.0 20.0-20 23.2 25.6 27.2 280 236 304 304 304 320 324 332 33.2 33.2 32.6 32.2 33.0 340 33.6 35,8 20 4 35.0 \_\_\_\_ 35.2 35.6 35.4 35.6 35. E 36.2 356 35.6 ننىنۇ.كىن 12 1.4 80 16.8 19.0 220 24.0 24.4 26.0 26.0 28.4 28.8 32.4 32 8 324 35,2 3.2 30 ø 3/ 6 33.0 310 340 34.0 35.6 14.0 -30.0. 16.0 18.8 22.0 22.0 22.0 22.4.0 25.4 X=2 250 2.6 1.8 20 12 8 140-16.4 34 0x = 2 250 26.0 270 212 28 A 32.6 1:500 e (0 10 40 50 25 0.5 

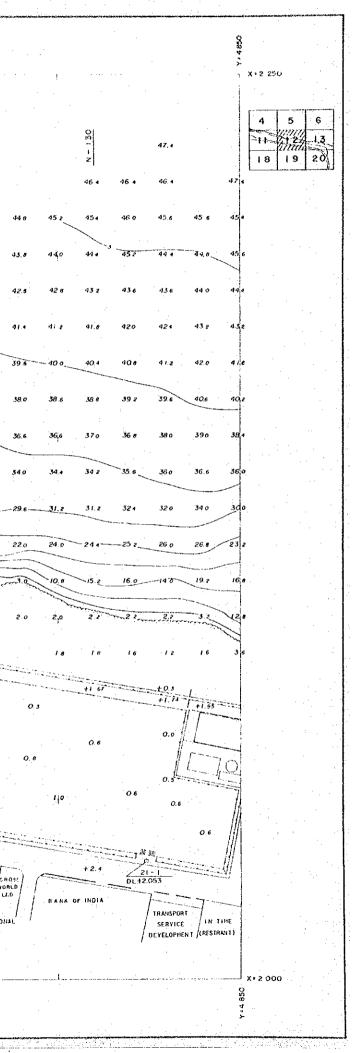




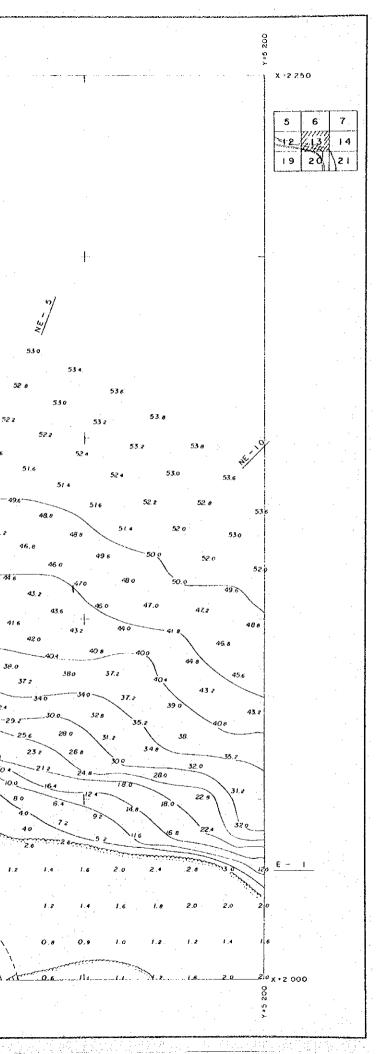


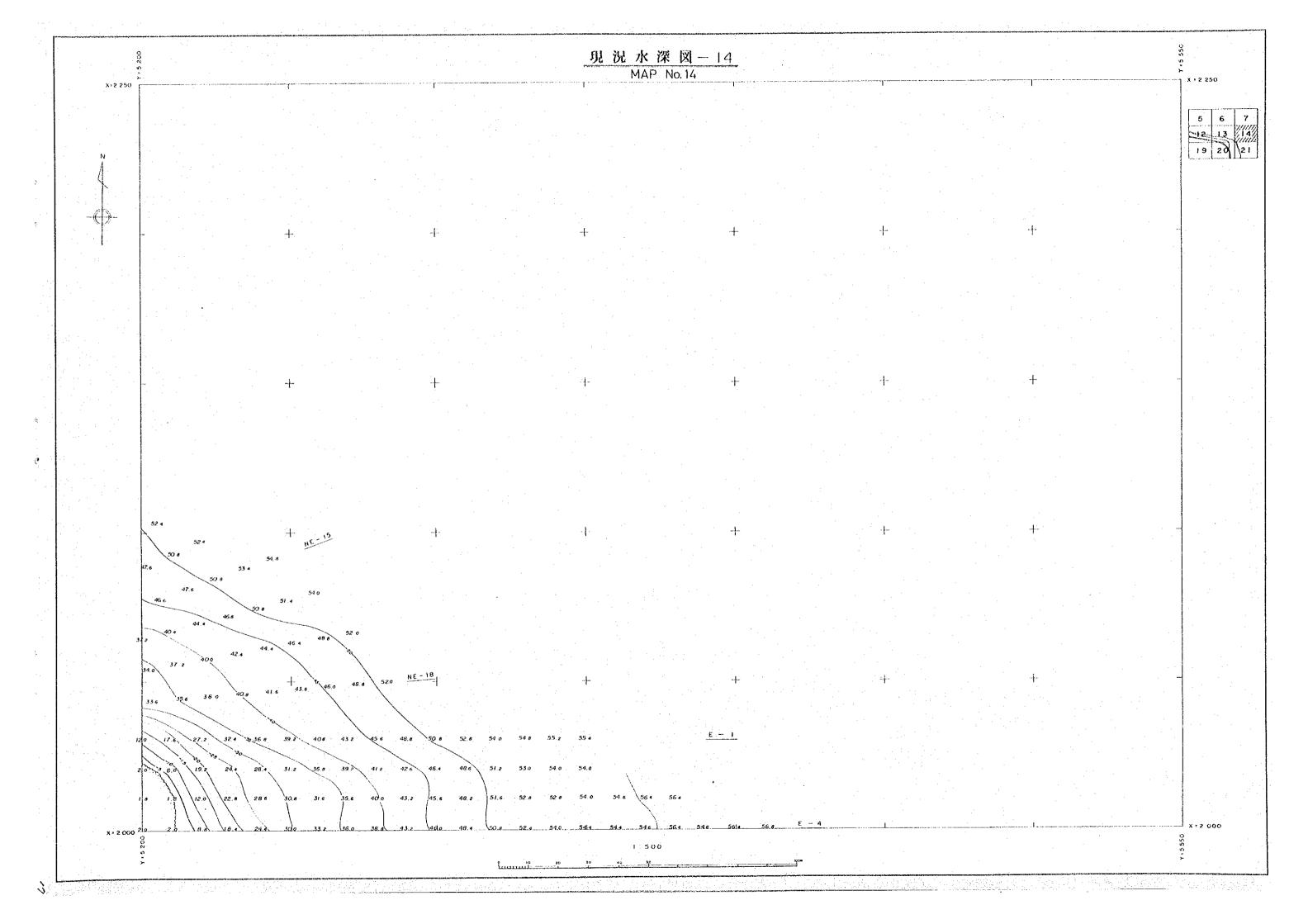


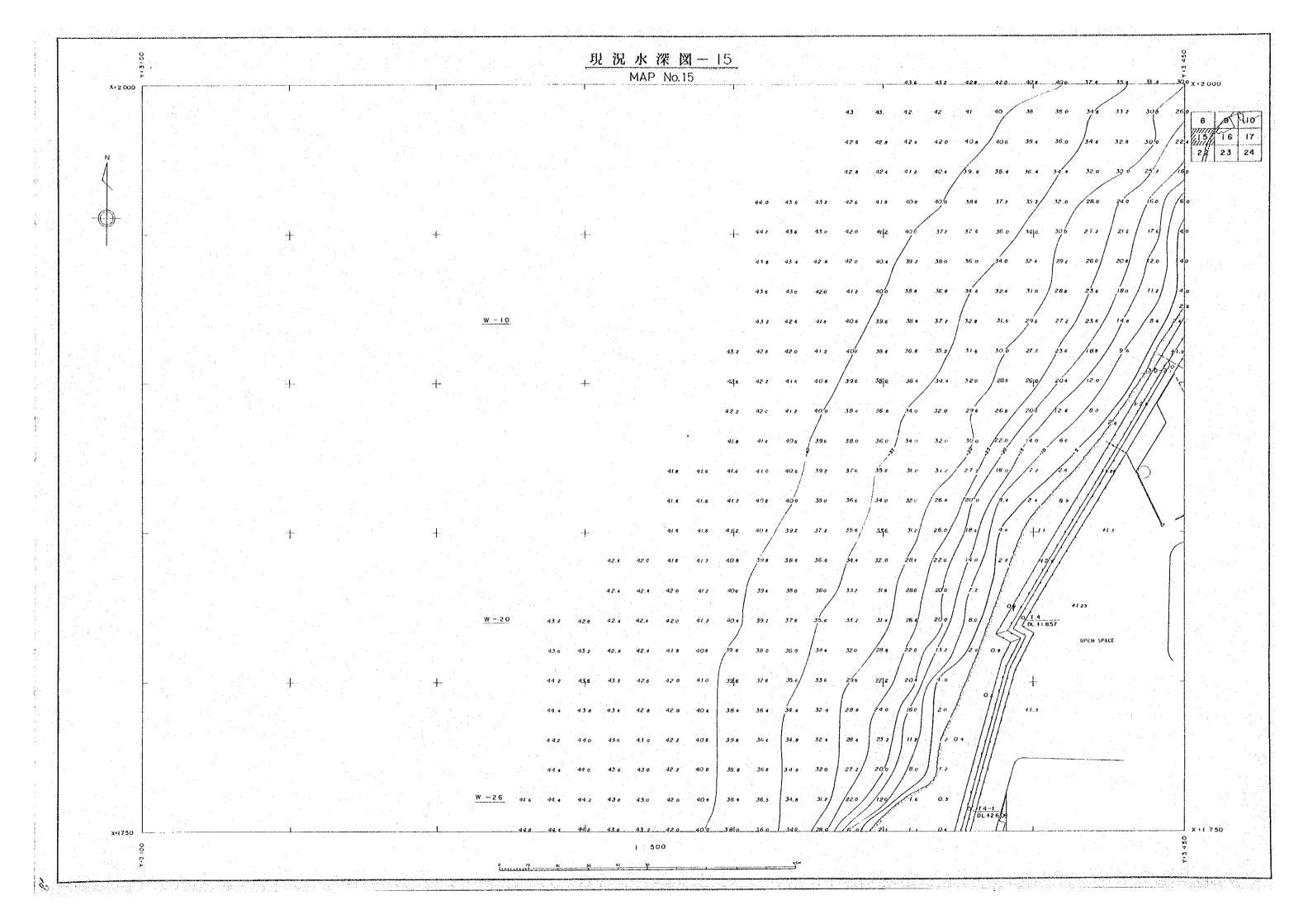
0 8 現況水深図-12 i l' z l MAP No.12 x+2 250 340 ..... 34.0 ...... 35.2 364 36.4 36.4 .37.0 37.2 32 4 33.2 33,6 340 355 36.4 36.0 36 43 0 34.8 36 o 44.0 35 5 32.0 32.0 33.8 344 35.2 3114 32 o 40.4 43 2 31.4 320 32.8 33.6 34.8 36.0 39.0 40 0 40.4 41.2 424 43.6 28 39 2 39.5 28 0 27 6 28 0 31.0 312 32 8 34.0 360 37 0 37 6 39.4 39.8 32.8 41.6 430 3.4 8 36.3 386 29.2 32.0 33.4 24.0 24.4 27 3 28.4 29.6 31.2 33.2 344 224 36.8 36.6 37.2 39 4 32 2 340 34 8 34. 39.0 24.0 24. 264 26.0 290 312 315 32 4 20.6 37.2 35.6 38.6 34.0 34.0 38.0 39 2 27 0 28.4 292 310 328 31.6 32 0 34.0 35.2 22 0 221 29 : 30 # 31.2 32.0 32.0 36.0 36.8 37.6 38 e 394 20 28 s 29 z 320 20 17 2 20.4 21.2 248. 266 260 28.0 20 s 300 23.2 26.6 264 27.2 28.8 28.0 300 30 s 32 4 336 34.0 36.8 37.6 Leff 26 o c14 16 1213 + 2.22 + 2.22 the the 320 1.2 17.2 20.8 22.6 240 26.4 28 0 2B 8 30.0 31 6 340 1,2 243 12 33 2 17.6 23.2 240 23 26.0 27.5 25.0 30.0 12 18.0 20.0 12 1.z 1.0 0. 1.2 1.2 1.2 0.5 2.4 2.0 2.2 234 1.2 1.2 1.2 0.3 1.0 06 10 08 1.2 1.0 18 2 8 20 1.5 1.6 1.2 1.2 + 2.12 í.5 1.0 31.2 1.4 1.5 1.8 1.4 -00 0.0 QUAYWALL UNDER CONSTRUCTION 進作 1. 作山 0 8 14 +03 +1.6 15 1.6 t 2` 1.2 +211 13 1.4 16 16 +2/12-A DL+2057 1.0 12 1.2 13 THE PREDIDENT'S OFFICE 1.2 +1 99 21-5 DL 1 2 069 O A CGASI GUARD (UNDER CONSTRUCTON) TRAVEL 1.4 12 12 0.9 // FHOTO SHOP +1.95 21-4 0L+2.073 IRAVEL SERVICE BANK OF PALOIVES L T D. 1.2 AKIRI ENTER PRISES 21-3 DL+2.009 SHALL SHOP + 2.0 SUN FRONT INDIAN AIR LINES SMALL SHOPS 21-2 11 93 DL+205 RESTRANTS рноми DCENS ORCH 10 AGENCT MINISTRY OF FOREIGN HOTELS AND RESORT CARGO AFFAIRS BEA GH CAFE SHIP . SECTION TRAVEL / SMALL 1/ juo SERVICE) SHOP . TRAVEL SERVICE OFFICE PARISTAR AIRLINES OFFICE INTERNATIONAL AIRLINES X+2 000 1.500 Eminers'f-

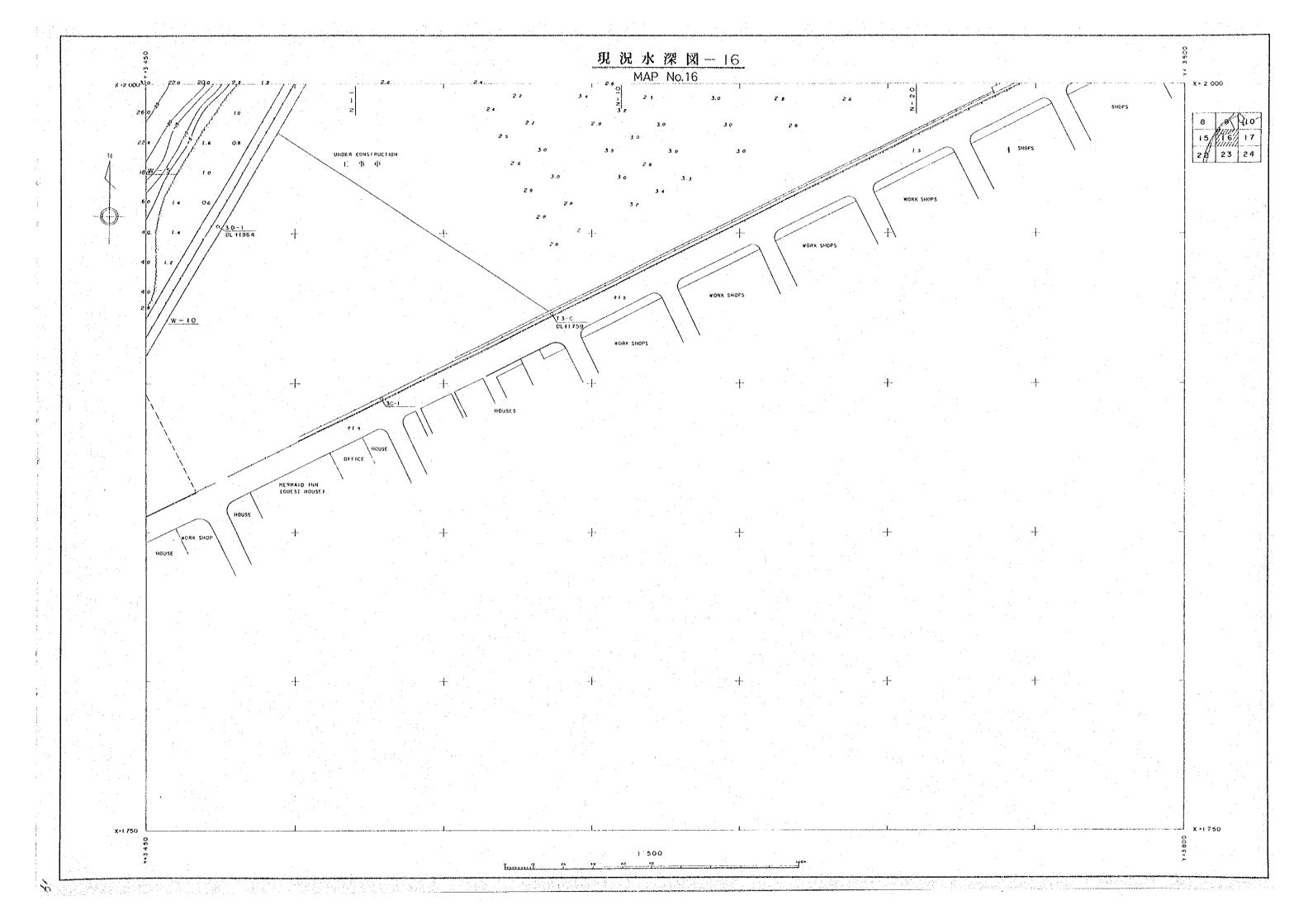


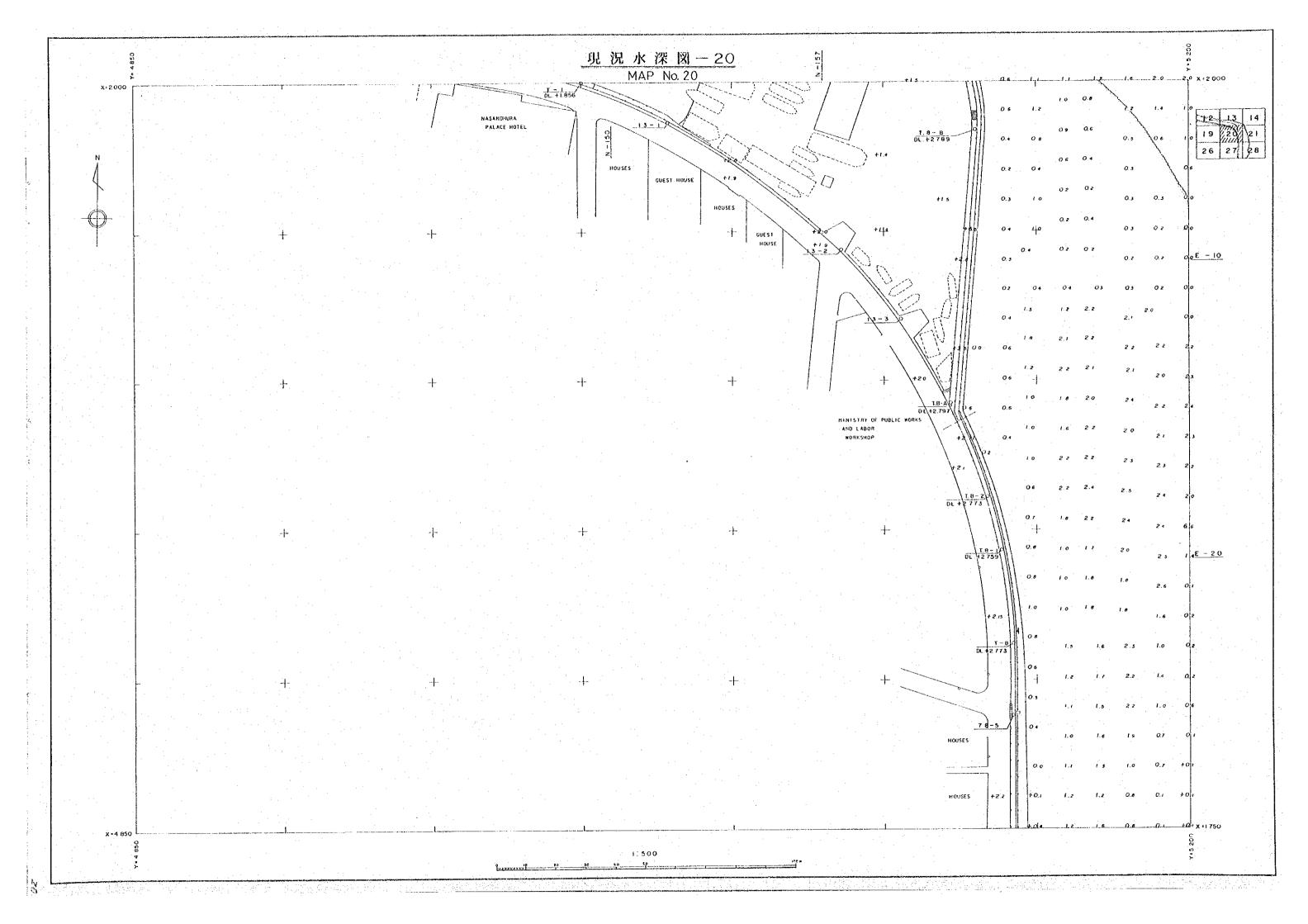
現況水深図-13 MAP No.13 X - 2 250 52 2 521 532 530 536 54.0 538 53 o 52.6 53.0 -2 2 540 48.6 49.0 51 2 52.0 52.4 S2 4 53.4 53.8 44 53.e 53.4 43.2 48.6 53.6 432 43.6 44 . 472 18 53 e 470 47.2 47.2 48.4 430 43 2 420 41,6 422 5! 6 45.6 48 4 43.2 44 0 45 s 456 46.4 504 51 z 514 520 57.6 404 51.0 416 43,6 468 48 4. 49 z 50 e 50 4 42.4 428 436 43 8 5012 50*4* 38.4 39.0 39 4 40+ 41.6 456 45 z 484 47 6 490 37.2 36 0 38.0 39.2 39 z 41.4 42.0 424 42. 436 48.8 36.0 39. 41.2 V1a -30 ć 25 5 34 0 36 4 17 0 370 37 2 16 a 38.0 19.2 40.4 412 428 434 440 44.0 10 33 6 340 336 344 36.0 38 e 414 415 42.2 420 424 20.8 34 1 36 0 37 2 384 40 a 23/2 20 8 34 6 344 396 424 420 422 16, a 130 17 6 32.0 314 . 33 6 35.6 36 9 39.2 38 8 40 e 136 31.6 42.2 42 2 404 396 380 12.4 35 6 37 2 39 2 24,0 27.6 28 8 324 30 a 34 4 33.6 35 3610 12.8 6.8 16.0 26.2 30.8 35.0/10 216 18.4 212 23 6 25.2-312 38.0 1<sup>4</sup>280293 28.8 28.0 28.0 28.0 25.0 37 2 20 -20----12 12 1.6 2.0 20 24.0 T 1 - A 32.4 5.21 2.0 1.6 20 16 12 1.6 14 1.8 20 1.6 1.6 1.6 2.1 14 16 16 1.2 7 0.0 12 0.8 . 12 14 16 1.6 0 9 -0.1 T.8 - D DL + 2.096 / 2 ASANDONED VESSEL 1|2 10 -----**\$**1 12.10-0.8 7275 1 8 - C 12.9 +28 13.30 0.8 1.2 1.2 +1:5 0.0 +2.1 AIRLINUS + 2.0 0.7 EVEN FRESH RESTRANT HINISTRY OF PUBLIC WORKS AND LABOUR +20 NASANDHURA PALACE HOTEL X+2 000 1 500 40 . 5<u>0</u> \*0 100 0 munit 10 1. No



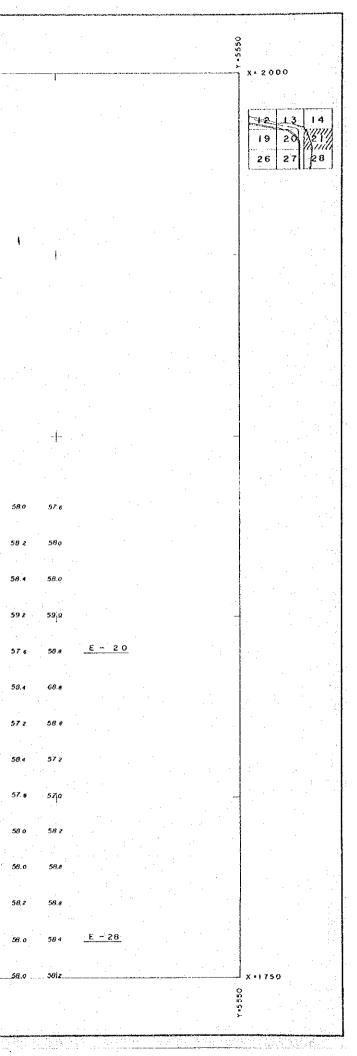


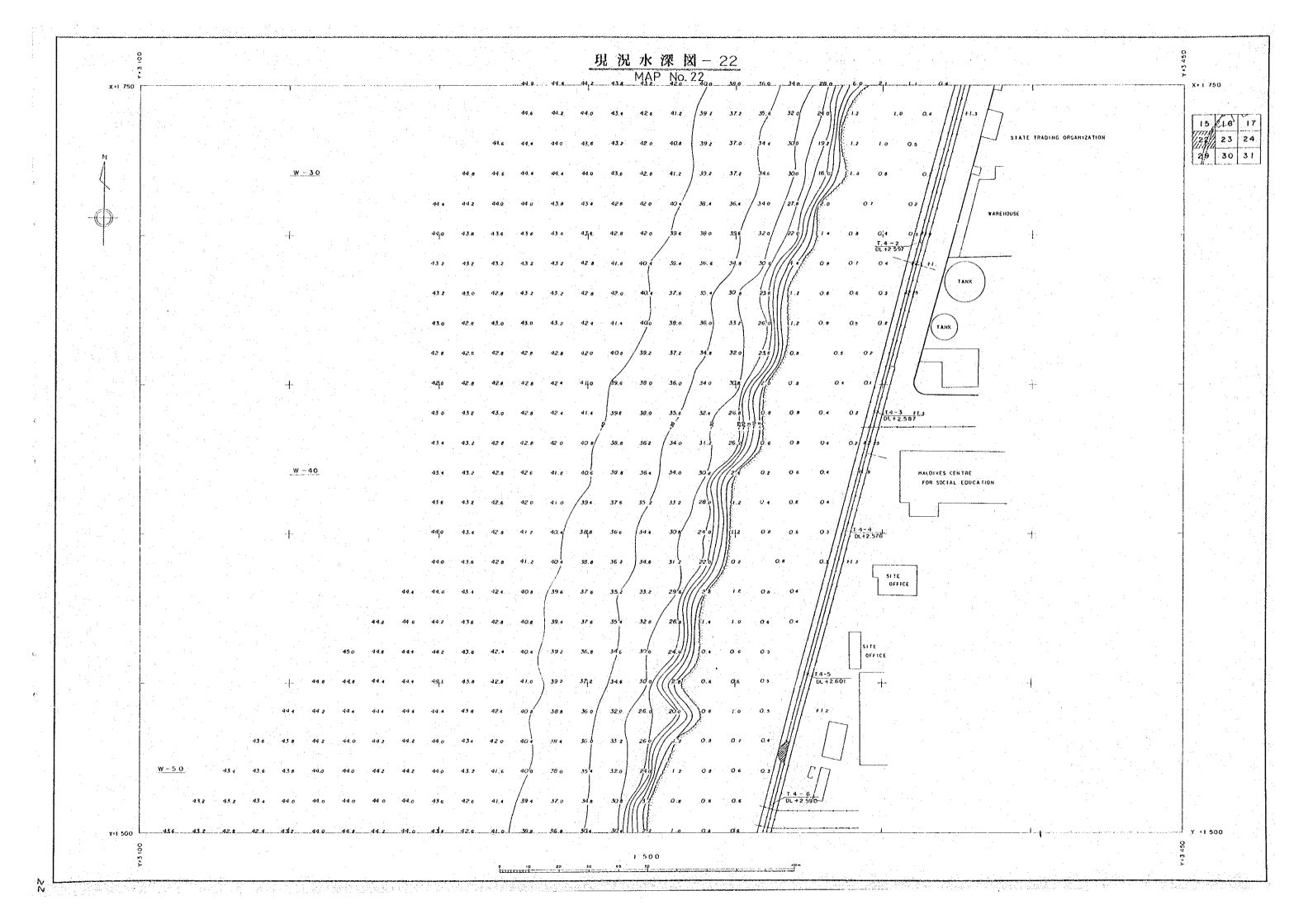


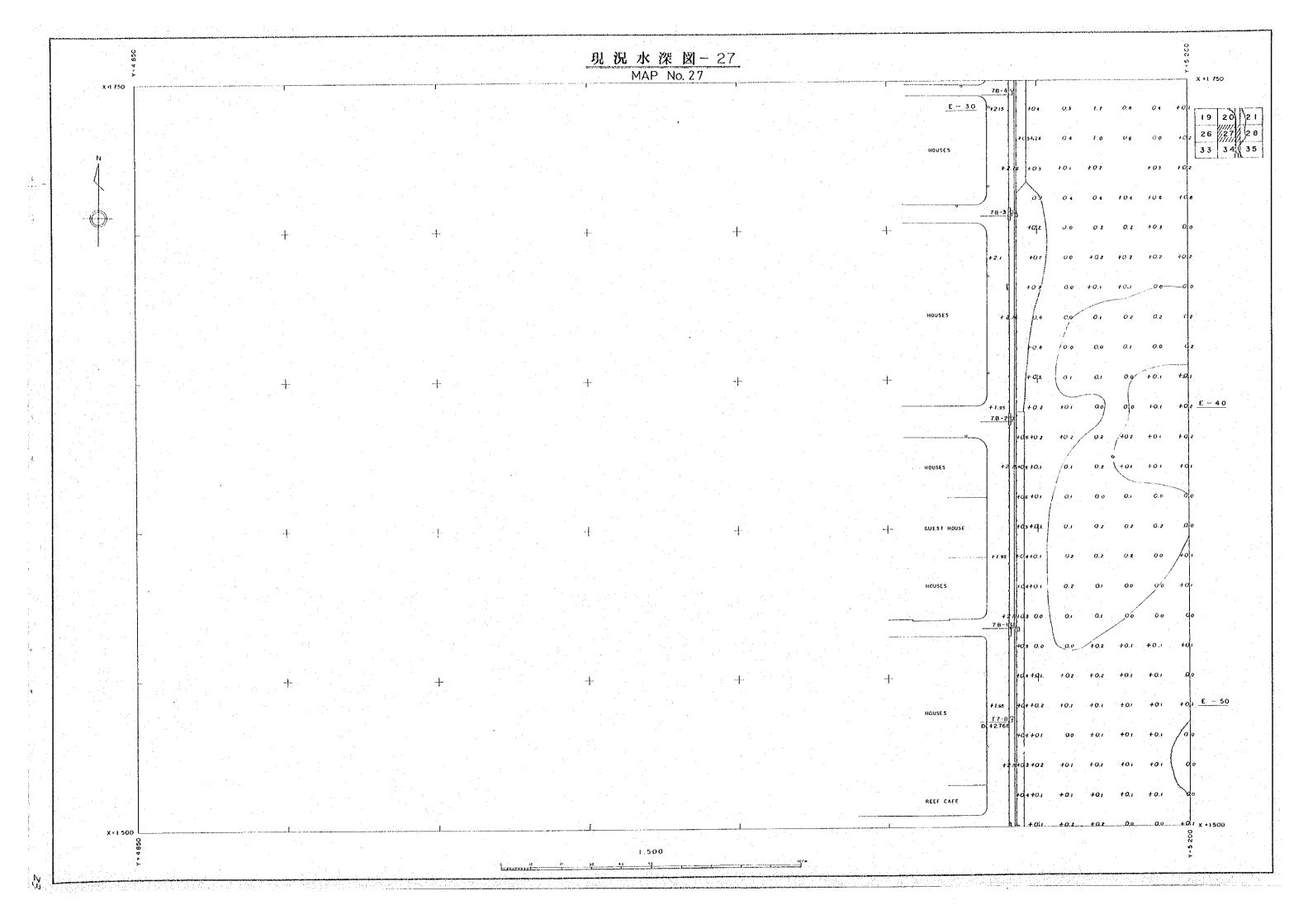




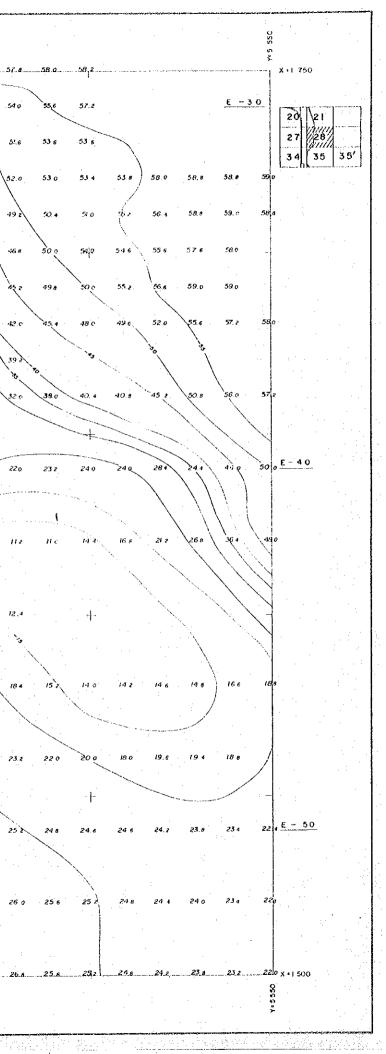
現況水深図-21 MAP No. 2] X 2000 2 55 6 57.2 48.0 51.2 53 4 540 54.6 220 27.0 33.6 37.0 44.8 1.6 16.4 21.4 256 296 35 2 39 2 43 2.) 47 Z 512 540 542 54 20 7.6 14.0 20.8 18 20. 28 6.0 ( 100 232 (200 356 400 450 490 520 53.6 53.8 54.0 54.4 2.2 20 20 16 49.2 52.4 55.6 26.0 34 2 37 . 44.4 540 54.6/ 7.6 22.8 17.2 0 6 1 8 1.0 2.0 2.2 57.z 386 436 48 8 51.2 526 550 20.4 26.0 33 2 0.3 1.2 2.2 2.4 E - IO 200 46 8 49 2 50.8 25 6 33.4 37.6 406 45.2 58.4 13.2 0.4 10 1.8 20 2.2 12.4 47.6 (50 8 51 4) 212 310 36 8 43 z 580 58 s 22 12 16 2.0 2.0 00 01 26.0 372 51 6 +0.1 16 2.0 8.0 15 132 4 46.0 500 584 12 1.7 2 4 0.8 1.6 32.8 37 6 50.0 53.2 56.6 58.8 0.0 0.4 0.1 1.2 16 1.2 2.0 22 14.4 28.0 \$2 0 +0. 480 494 27.2 340 38.8 41.6 . 2 230 546 56.8 0.6 2.0 2: 02 (45 2 48 8 ( 52 0 (17 4 24 4 28.8 34.0 400 156.0 58.6 2.3 20 2.4 0.0 2.0 37.6 38 6 450 496) 54.0 57 2 2.0 10.3 212 28.1 34.0 58.8 23 00 +0.1 16 18 24 A1.5 (05 5 49.2 (36.4 52.4 30.0 (56.0 57.6 2.0 6 0 24 0 20 0,2 0.0 2.0 16 24 34.0 38.0 50.4 540 8.0 17.4 23.6 29.6 45.4 2.1 56 Z 57.8 58 c 59.4 02 +01 +01 17 17 2.1 536 17.6 192 36.8 44.0 55 s 55.6 5/12 00 2.2 2 8 11 6 26.0 304 500 +0.1 0.0 1.16 512 64.4 55.6 56 O 57.4 3.2. 68 24 8 320 392 460 + 0.1 +0.2 0.0 14 2 4 12 3 20a 11.8 (320 27.0 148 47.2 66.0 9:6 21.4 20.6 41.4 . 57 0 57.4 2.6 30 +0.1 +0.2 0.0 0.0 03 2.0 8.3) 22.6) 29.6 38.0) 51 4 52.8 49.0 36 4.0 4.4 44.0/ 55.0 -560 56 e 2.8 +0.1 0.0 1.8 2.0 (192 ( kr.2 ( (360 (120 (176 (512 520 54.0 55.2 56.0 56.0 6. 100 57.0 57.6 3.2 01 +0 1 2.4 +0.2 2.0 22.0 5246 68.8 11.6 2H0 34.0 50.6 56 8 32 32 01 +0.1 3.15 +0.2 2.3 (12.0 ( 22.0 27.4 32.0 36.4 400 49.6 50.2 52.4 0.2 +0.1 3.0 3.6 4.2 ARIA. 32.0 48.4 498 52.0 57.2 58 2 3.6 27.2 2.5 . 6 .0 ob 0.2 02 01 +0.1 0.1 20 2.8 52 6 12.0 25.0 44.0 49.6 56.6 57.6 0.1 +0.1 2.8 32 40 4.0 0.1 0.2 +0 0.2 0.1 47.2 528 38.4 42.6 00 0.5 4.6 56.0 +0.1 +0.1 :08 U e +0 36 4 1410 20.4 28.4 412 +91 X = 1750+01 1:500 20 <u>36 40 Sp</u> lanand N

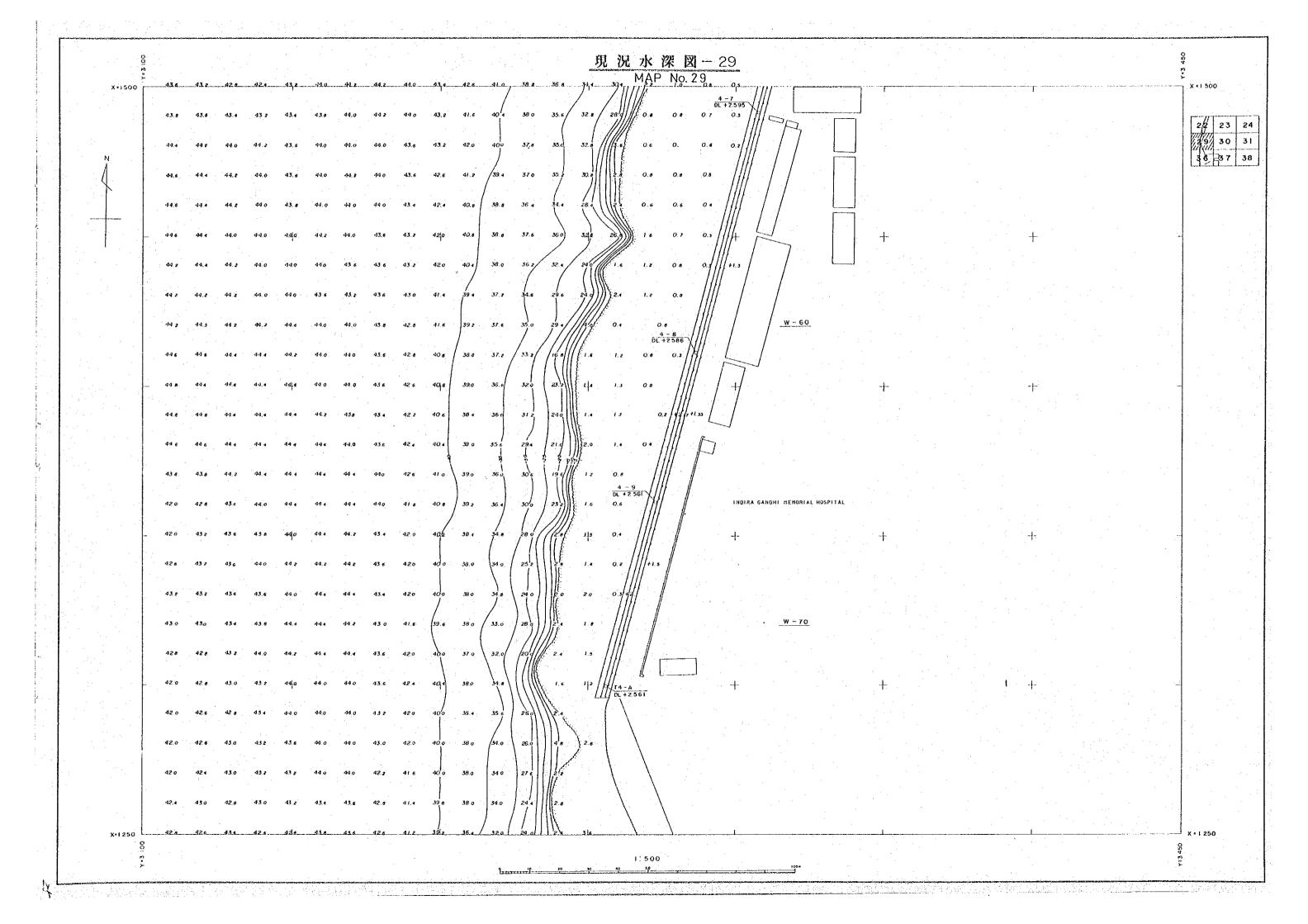


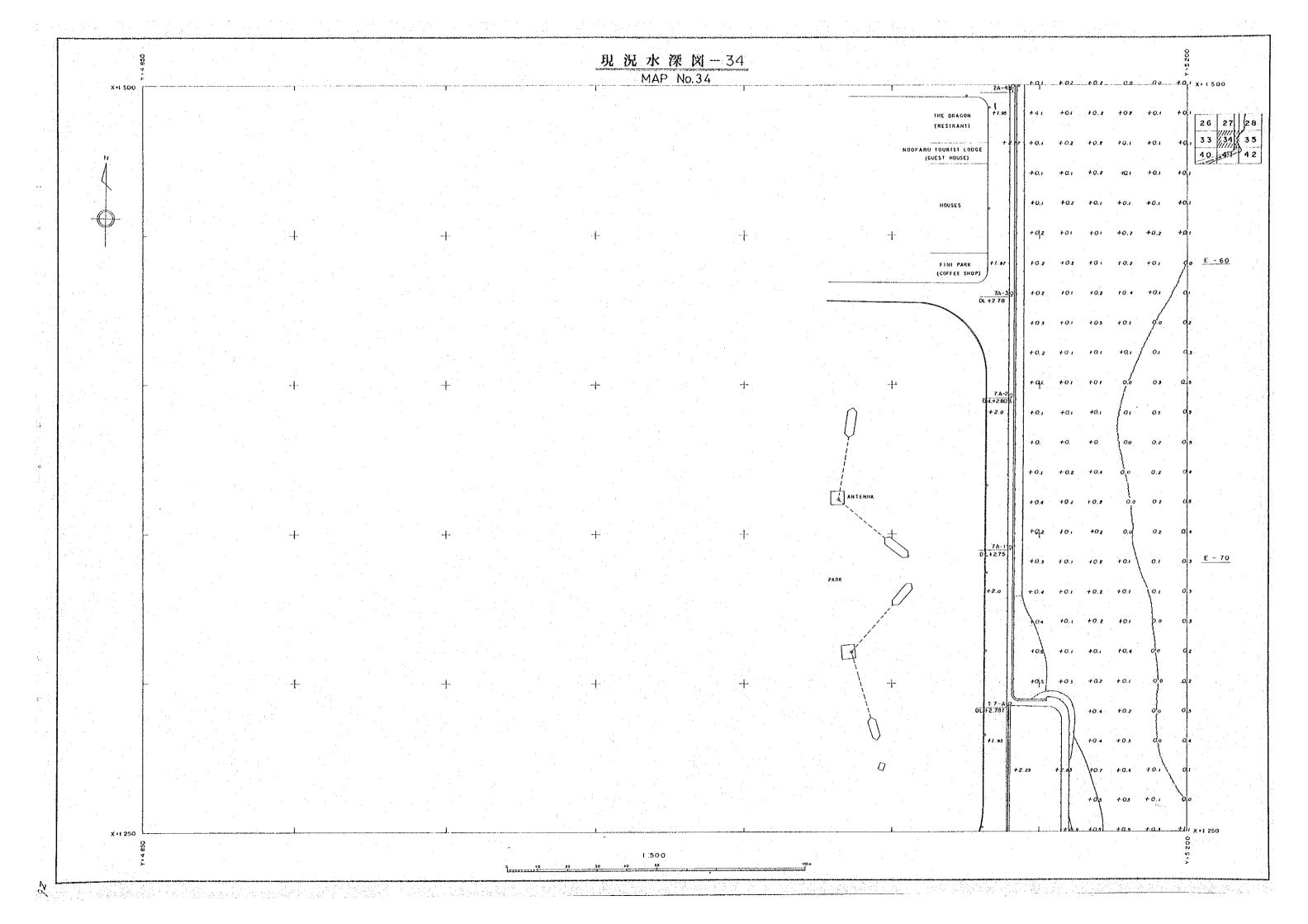




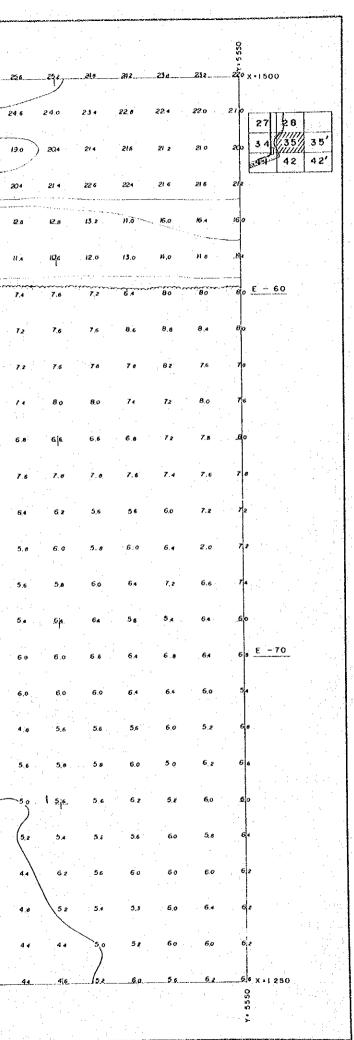
現況水深図-28 MAP No. 28 4,2 51.8 +0.1 +0.1 0.0. 31 X≈1 750<sup>‡Q</sup>1... 51 4 .540 9.8 4.8 4.6 8.8 3.2 40 +0.2 +0.1 +0.1 0.2 101 51.6 53 5 420 494 52 54 58 15.2 +0.1 +02 +0.2 0.3 +di 38 0 29 0 480 52.0 18 4 24 0 44 48 5.2 5 2 56 80 14 0 40 3.8 +0,2 +01 +0.1 04 28 36 15 4 220 238 320 39 z 352 49 2 52 54 58 5 5 . 6 4 10 6 4 ș 4.2 102 36 1018 +0 \* +0.3 02 25 46 8 12 8 23.4 430 52 60 82 192 243 5.2 3.2 3.6 . d. a 46 43 21 3 2 ÷0.6 1-05 +0.1 23 6 1020 10 2 15 0 pus. 260 15.2 4 4 5.8 60 6 e 44 +0.3 +02 +0.2 /104 206 24 4 25 2 27.6 64 16 0 42 0 • **4** e 52 5 6 5 ¢ 6.9 5. 26.8 Ź5 ∢ 26.4 27.0 26.8 8.e 14.0 52 56 68 703 48 52 01 40 01 40.1 0 2 0.4 H 8 128 27 2 28 c 5.6 64. 60 64 10} 28 8 23 2 +01 3.0 3.6 4.6 5.6 O. 2 24 0 0.1 6.1 8 6 166 108 96 0.6 102 +01 +01 2.4 3.4 220 10.e 110 15 4 121.2 24.4 25.6 26 s 25 2 .74 IC 4 11.6 10 4 42 120 3.a ŧΩ 17.6 220 10 4 240 24.0 22.0 204 34 +Q) +0; +01 +01 22.8 17 4 15.6 130 240 21.2 19,2 112 26.8 Z6 4 25.6 1.7 2 21.0/ 27 6 27.6 24 36 96, +01 +0.1 0 : 12 32 18 4 25.2 28.0 28.8 29.0 28.6 28.0 26 o 32 +01 +0.Z +0.30.0 15 2.0 2.0 0. ) 24.6 22.4 12.4 29 2 298 30 4 30.4 28.8 27.2 25.8 20.0 3.6 se) 126 2419 53 5 216 +01 çis 20 +01 101 +0.1 28.6 266 12 4 22.0 290 31.2 31,2 6.2 30.0 31.6 300 +01 +01 2.4 2.6 40 30. 1 290 276 26 4 25 2 zis 18 4 320 31.2 Viz.2 24 6 308 32.2 32 z 230 3.8 00 12 1.6 24 +0 +0.1 +0.1 +0.1 +0.2 02 0.4 08 2.8 9.6 1280 £6 33.6 33.0 33.0 32.0 <u>\_\_\_\_\_</u>3.1 1.6 2.2 +0.1 +0.1 0.5 1.0 00 40.1 +0.1 24 2 23 2 22 0 27.6 25 4 16.0 33 4 33.2 32.4 31.6 29.2 26.4 'nε 276 332 - 30.s ` 16 28 3.8 32.0 +.01 +01 +0.1 +0. 1.4 + d 31,8 34.0 .36 12.0 19.0 210 260 +0.1 .00 **0**.0 +0,1 0.4 12 Iε 272 260 3.6 20.0 9.4 17.0 31.6 28.8 3.2 26 4 31.6 35.4 34.0 33.2 32 4 30 a + 0.1 0.1 13 16 **14** A 0.0 0.1 0.8 1.0 29.2 28,4 34.0 33 e 32 + 37 : 32.2 334 31.6 0.0 +0.1 17 2 Z 3.2 44.2 / 8 8 16 0 210 34.0 0.0 0. 06 1.1 27.2 Z6 🤉 4.4 7.6 10 8 19.0 25.2 28.8 31 4 . 35 o 33.6 334 32 8 32. o 31.0 296 280 26 4 00 0.0 / +0 i 12 0.1 01 06 Z.1 3.0 13.2 29 8 32.2 32.4 80 20% 32 10.1 +0.1 +0.1 26 4.0 29.2 78.0 230 16.0 29.6 30.0 X\*1 500+01 +0.1 +0.1 +0.1 3 160 9. 1:500 127123 TITEL 20 30 <u>\$</u>° Ř the first the spin-



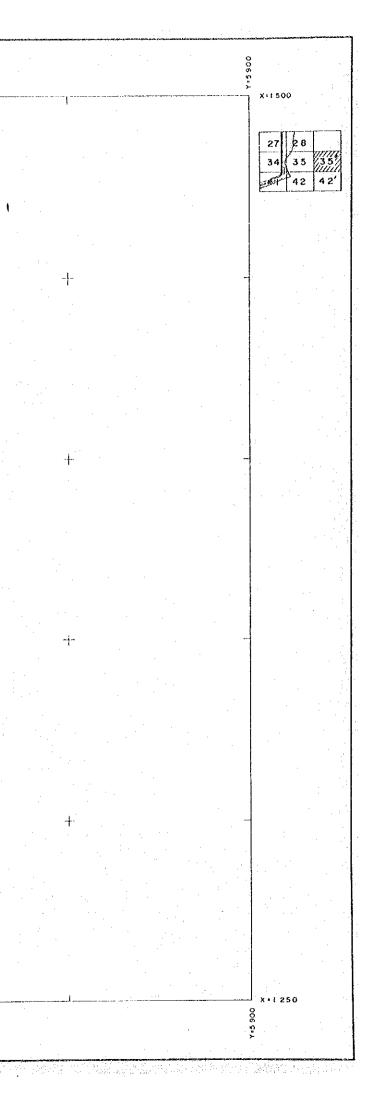


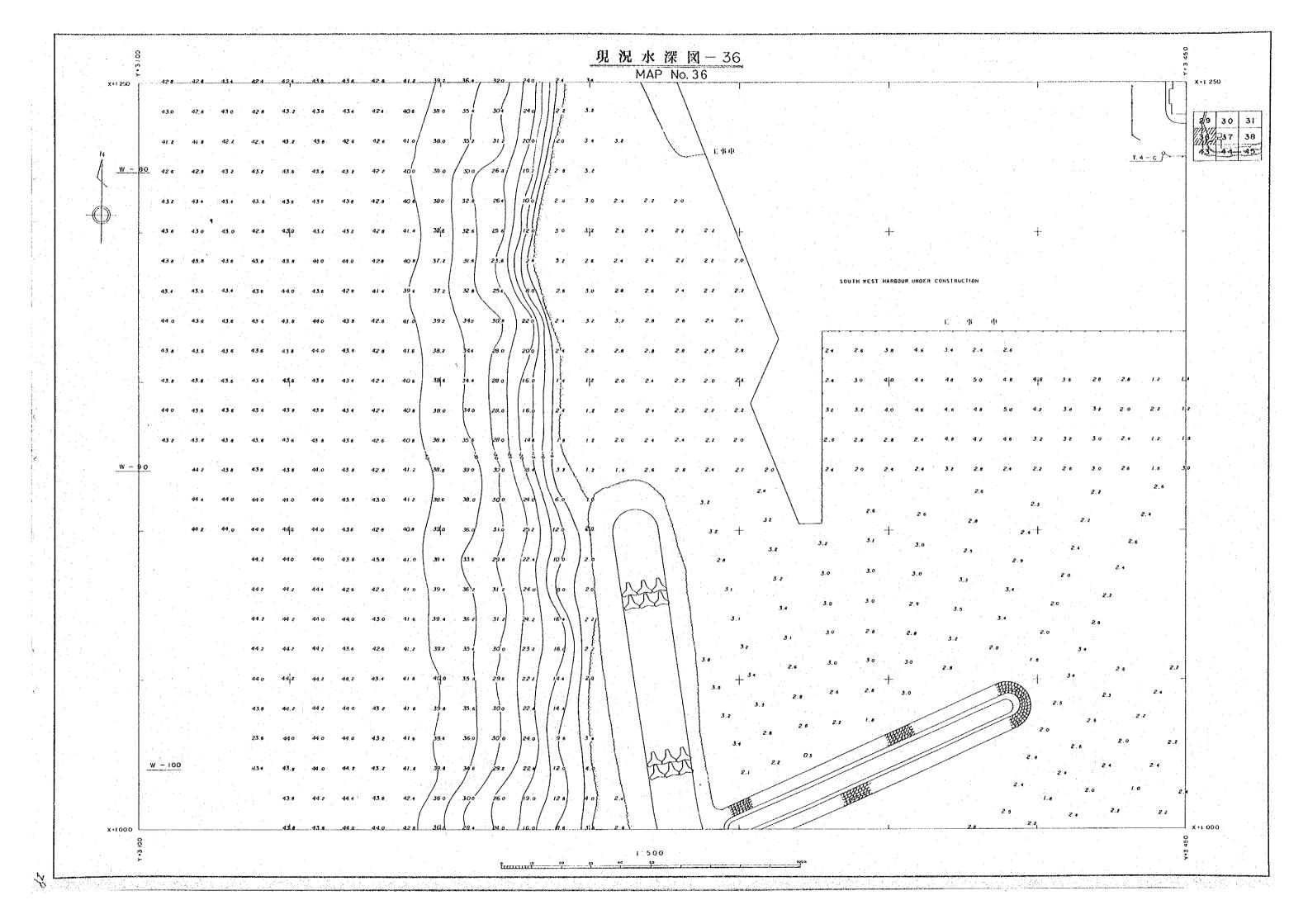


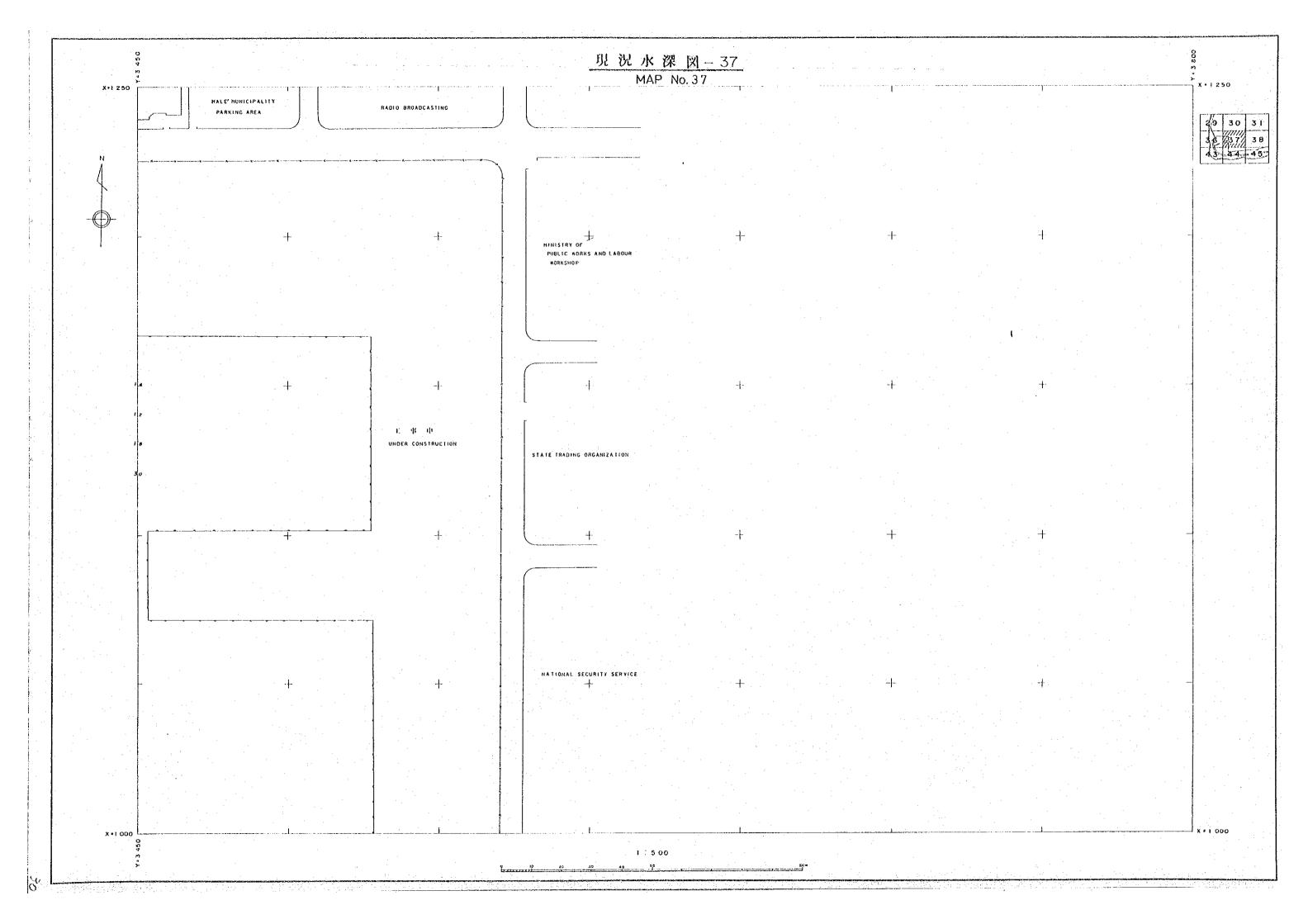
現況水深図-35 MAP No. 35, 2)2 39.... .150 Q.5 X+1500 10 1 101 0,0 26.2 - 24 4 278 276 264 8.4 . H.B. 200 21 8 3.6 13 1.5 24 0.3 0.5 0.4 101 101 02 19.0 80 125 **6.7** 204 20.2 190 5.8 190 36 4.4 21 21 . 3.2 0.2 0.3 01 0. Ν 120 4.6 15.s 204 216 19.4 19.2 7.2 19,6 200 2.0 32 4.6 2.5 0.1 03 Ô. 21 +0 80 92 10.4 ti s 8.0 82 11.0 5.8 6.8 7.2 8.0 4.8 4.0 33 2.9 00 -()) 9.6 n 4,8 5.2 5lz 6.2 6,4 8.0 9¦s 9.2 0.1 104 0.5 7.0 7 4 72 7.6 72 7,2 5.2 56 6.4 5,6 4.8 6.0 4 7 5.2 0.2 5.2 3.6 3.2 5.6 0,3 0 2 6 0 70 64 - Ś.J 58 64 5 . ٩. 54 38 0.5 5.7 61 5.5 5[6 7.2 5.6 5.6 55 4. 01 5.4 5.6 3,9 4.6 4.2 3.7 34 n: 14 . . . 5.a 3.6 44 26 ÛG 64 64 4.7 4 . 40 4 > 2.5 20 06 4.7 4.8 5. 4 0 3.2 3.4 0.5 5 z 5.2 05 5,2 5,2 6.0 5,6 60 44 42 5.6 4.8 56 54 3.5 3.8 31 3.5 25 21 29 04 0.6 52 44 56 5.6 5.2 68 46 4.4 22 21 01 5,1 5,2 4.6 .4,1 40 4.5 4,4 5,4 5.2 5.2 0. 0 20 05 3.6 44 27 2.8 0.3 3.6 22 24 23 2,7 06 03 X+1250+ 1:500 100 40 \_\_\_\_\_sa 20 hnumi N V

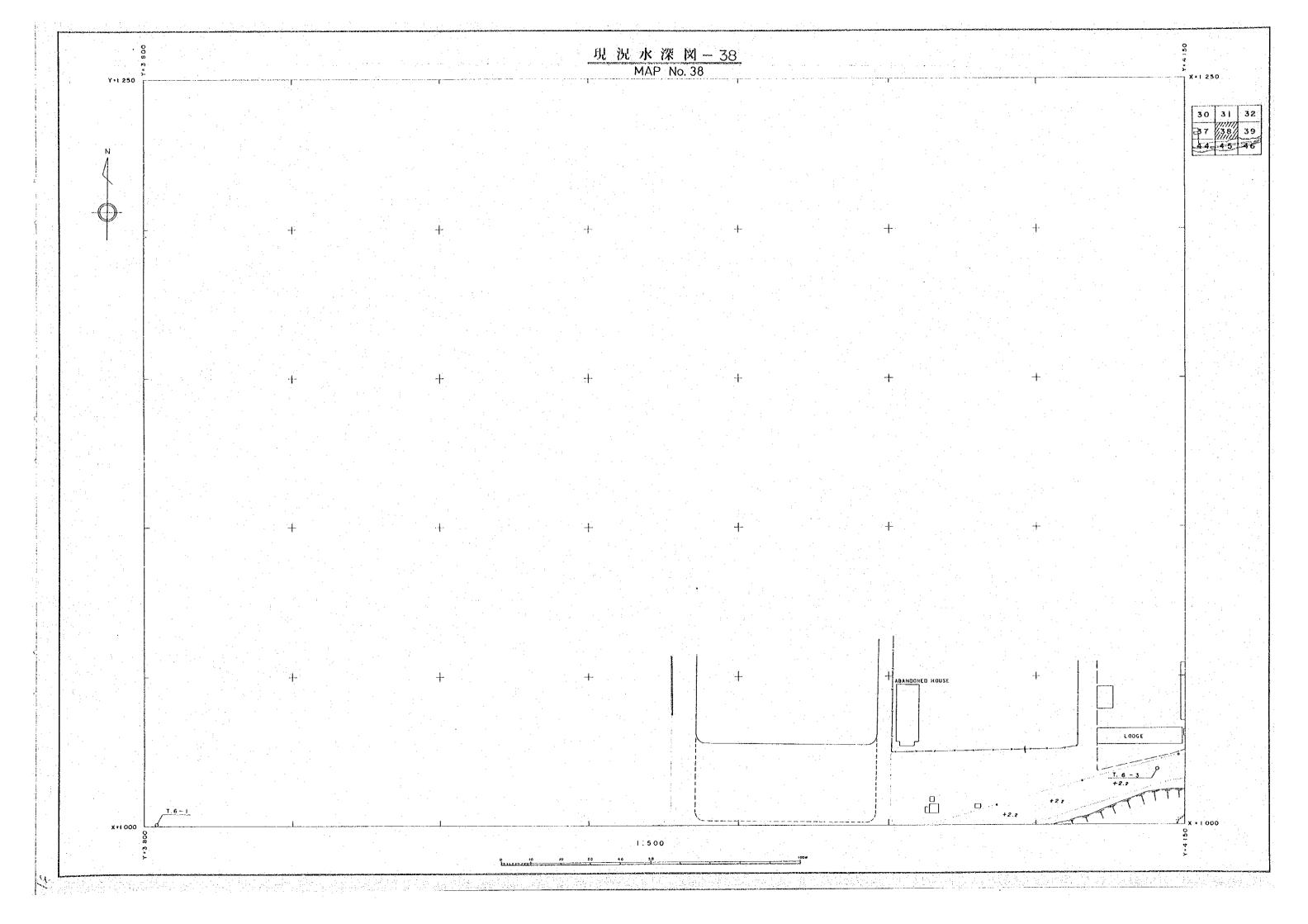


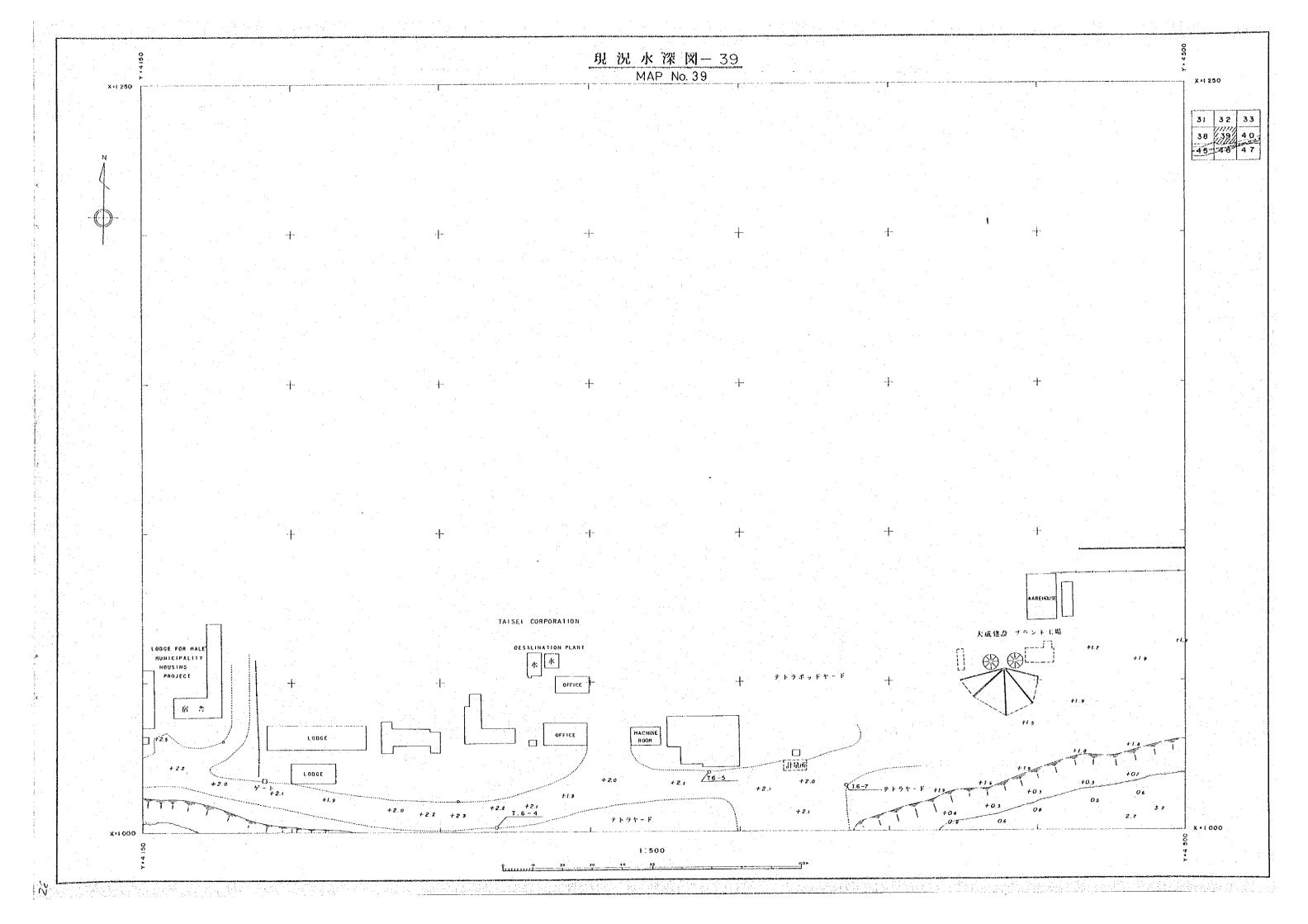
現況水深図-35 MAP No. 35' 20.4 192 184 X+1 500 22 0 182 17.6 17.6 18.4 200 21.2 22.2 23.4 19,4 10.6 19.6 19.2) 21.0 22.2 23.0 24.0 24.8) 17.6 15 o 5.0 17.2 Eas 220 24.0 ( 28.0 30.8 33.2 36.0 17.8 19.4 19.2 18.0 avé 18.6 20.0 21.8 23.4 24.6 26.8 28.4 19.0 13.2 13.6 17.2 14.8  $\oplus$ 22.6 22.4 22.6 23.4 ine. 19.2 24.6 26.3 13.6 13 2 13.6 154 E - 60 15.2 17.2 190 21.2 21.8 23.2 244 25.4 104 13.2 8.4 9.2 84 (10.6 12.0 15.0 16.8 19.2 21.2 20.0 22.8 24.0 24.4 25.2 9.4 15.4 18.2 19.6 21.4 22.6 23.6 8.0 8.0 10.8 12.8 24.6 8.4 8.0 12.0 15.0 17.4 18.8 20.8 21.6 23.0 8.7 8.0 7.6 90 10.6 12.4 13.4 16.6 18 8 20.4 22.0 23.6 8.4 8.4 7.8 7.8 Bla 15.2 18.6 19.8 8.83 9.2 11.4 12.8 21.8 22.4 23.0 8.2 8.4 7.4 8.8 106 120 148 182 196 8.2 216 23 0 8 4 8.0 6 8 10.4 11 2 14.2 17.4 18.6 21.0 22 4 8.2 9.0 8.2 66 13.4 15.2 18 0 20 4 21 6 22.4 iñ. 10.0 7.2 90 9.2 10.2 126 15.2 17.2 19.4 21.0 22.a 23.6 24.4 26.0 27.6 23.4 8.4 8.3 8.2 8.1 7.6 80 E - 70 16.2 186 206 22.2 236 24.4 25.8 26.8 28.2 29.0 . 34.2 31.4 33.2 33.6 34.0 10.6 12.4 13.8 18.0 19.8 21.2 23.2 24.0 24.8 25.6 27.2 28.0 29.4 31.6 33.0 34.2 34.4 33.4 14.0 9.2 io.e 12.4 14 6 17.6 20.0 22.0 24.1 24.6 25.6 26.8 28.2 29.5 31.4 33.2 33,6 34.0 342 11/2 8.8 9.6 7.2 8.4 316 32.0 33,8 - 34.0 10.0 13.2 (17.2 19.8 21.6 23.0 24.0 25.2 25.8 27 6 28.4 29.4 33.2 9.2 10.0 7.6 9.2 160 198 218 232 248 25.4 28.8 32.8 31.8 32.4 33 2 3.5 26.6 2242 \ 112 124 8.0 8.0 100 33.0 33.4 11 4 16.0. 19.6 21.6 23.2 24.4 26.0 27.0 27.6 28.4 302 31.0 32.2 . 12.0 25.6 9.6 7.6 9.2 (201 22.4 23.2 24.0 24.2) 26.8 27.0 27.8 300 300 300 32.0 324 33.2 9.2 12.8 15 4 8.2 10.0.1 7.2 7.8 6.4 7.0 6 A 25.2 27.2 27.2 29.6 311.2 14.0 180 204 224 23.4 24.8 30.4 30. z **8.4** 10.6 7.6 7.6 7.0 80 6.4 30.2 10.0 13.2 17.2 21.2 23.2 23.6 25 0 25.8 26.8 27.8 30.0 308 31.6 8.1 9,4 7.2 7.0 7.2 7.8 80 24 4 . 26.4 26.8 29.0 29.6 12.0 22.0 23 6 23.4 28.0 X#I 250 6 6 1:500 8 

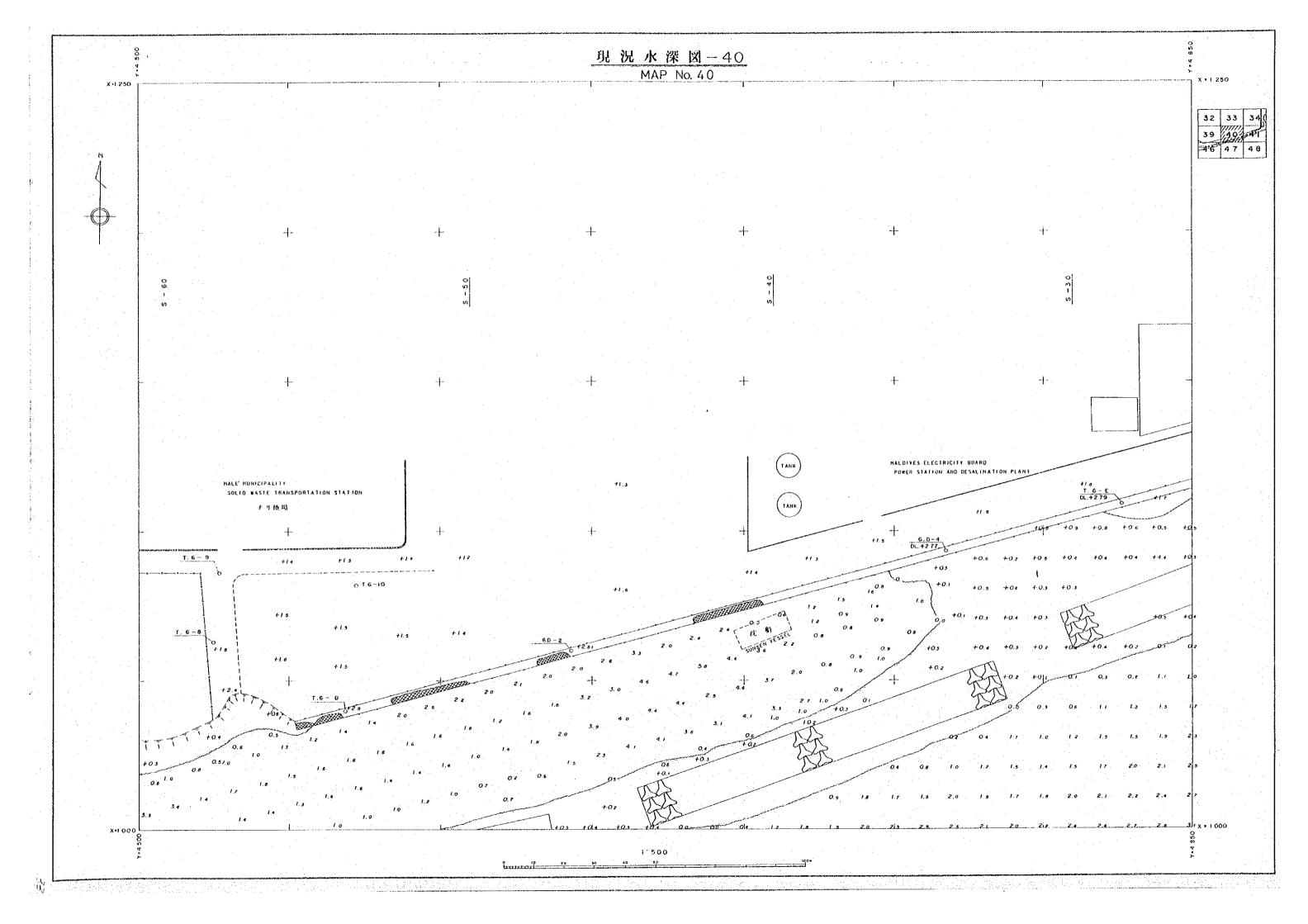




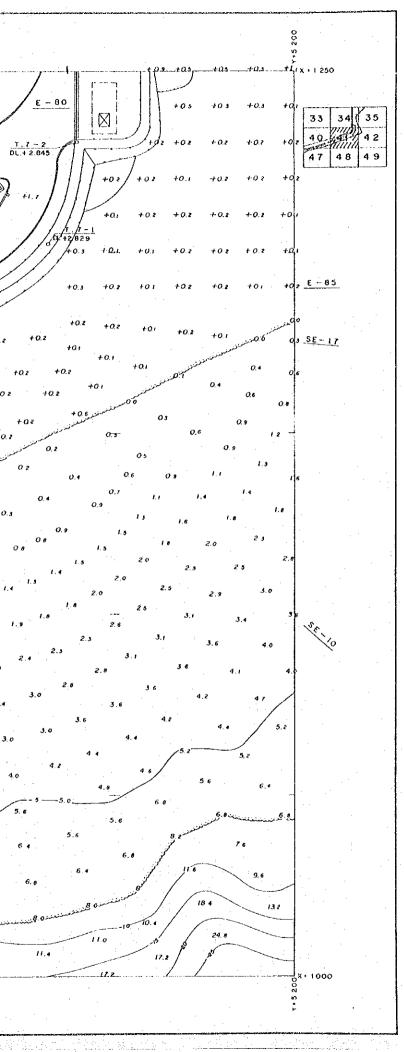


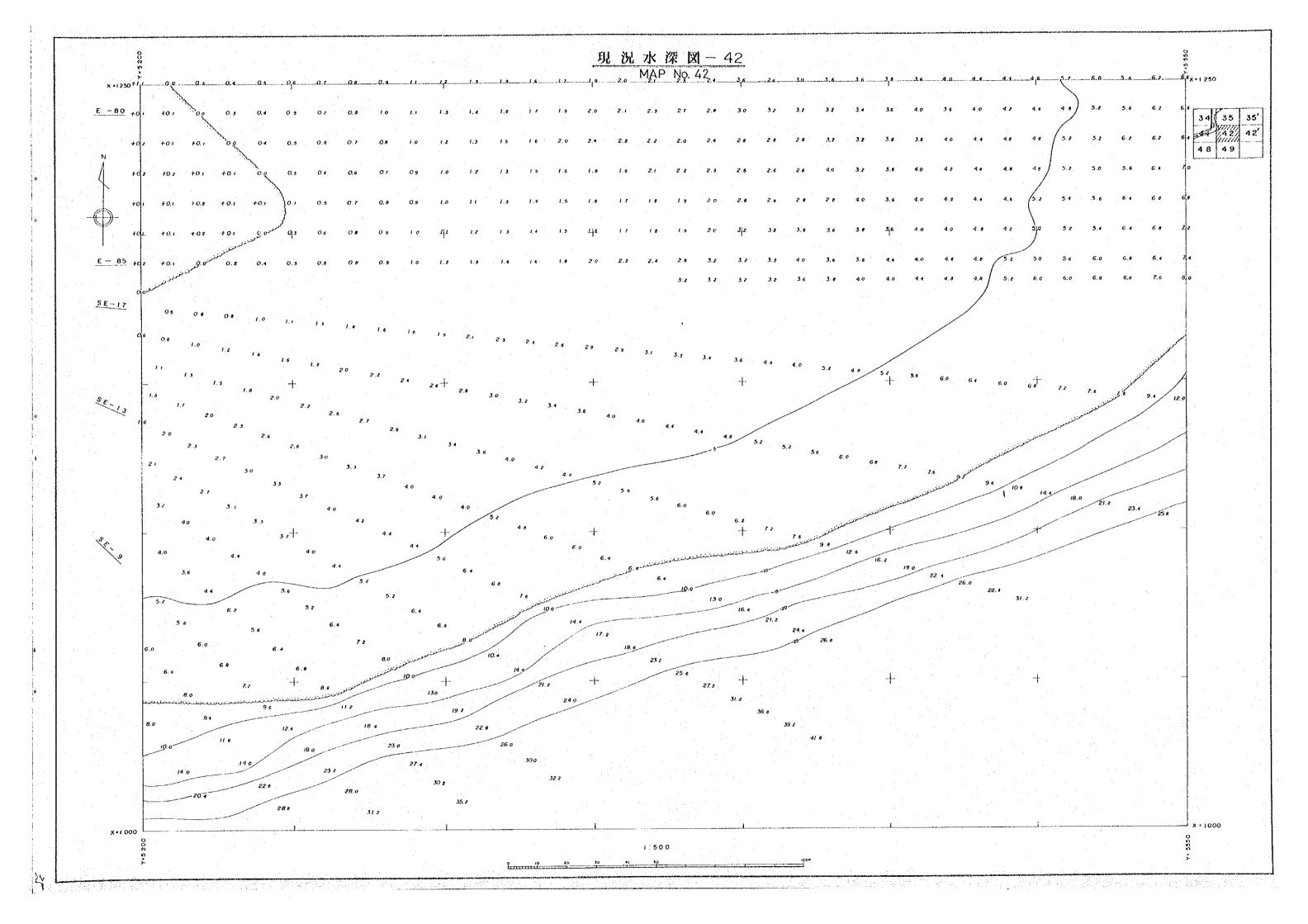


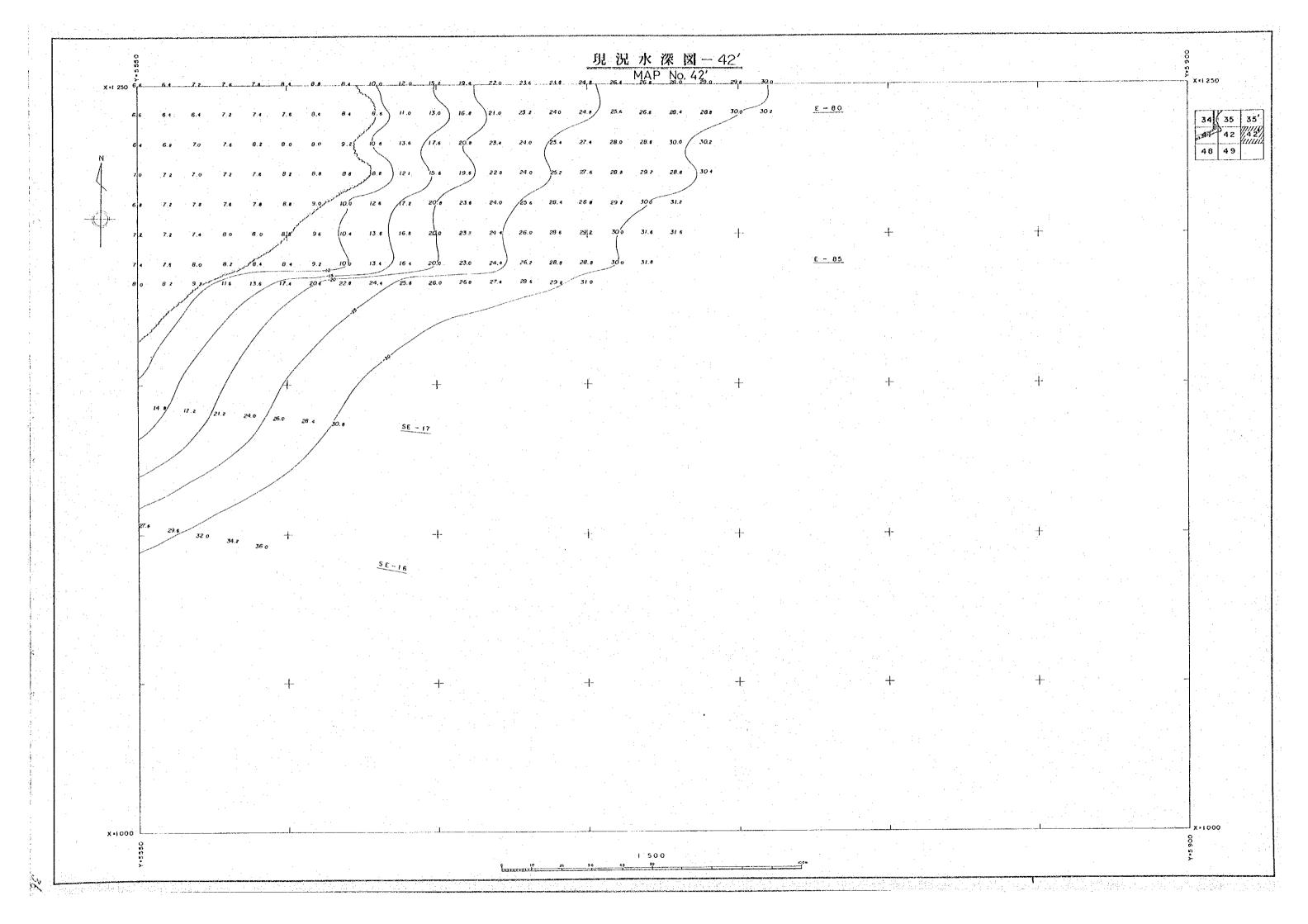


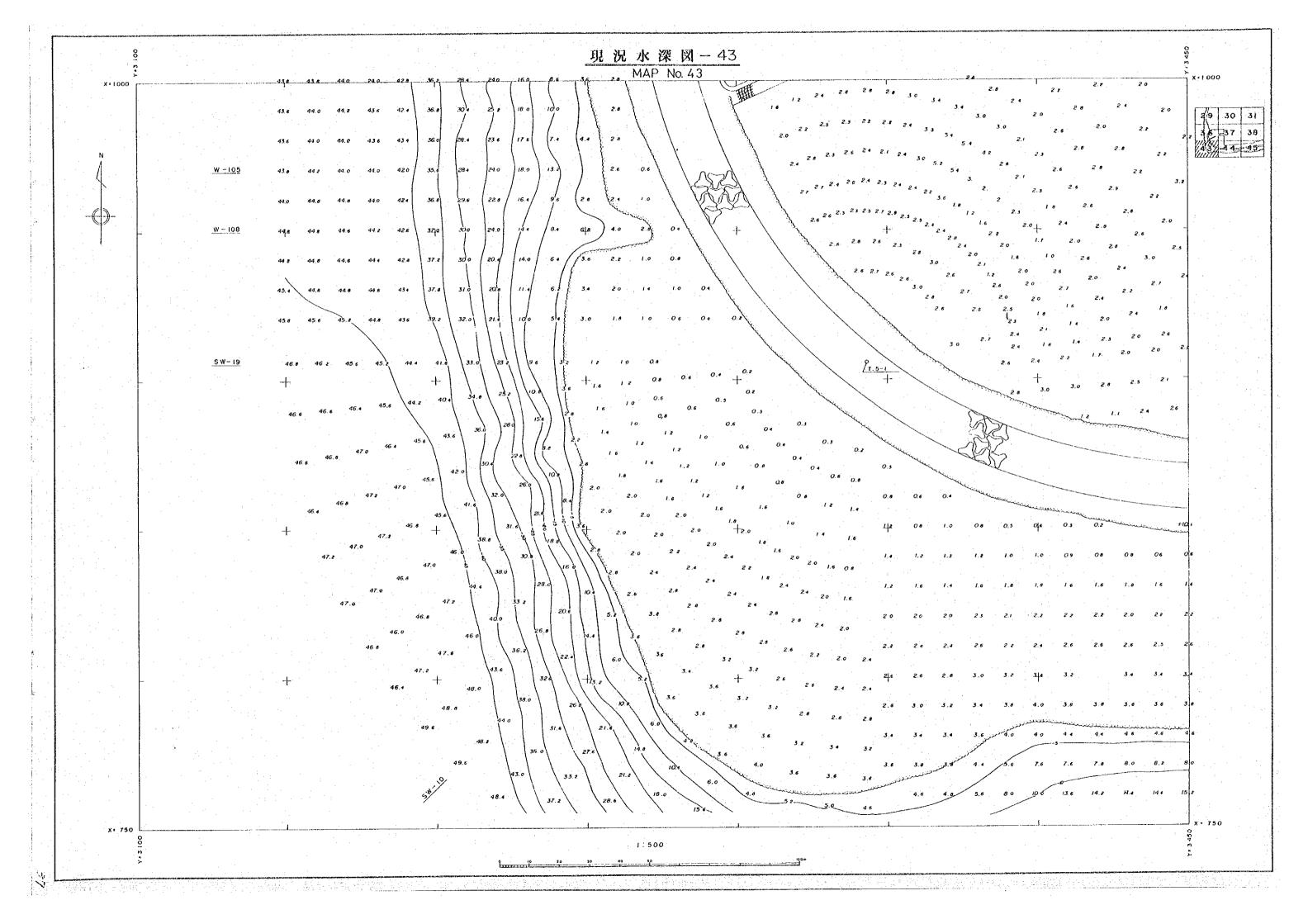


現況水深図-41 MAP No. 41 X+L250 s = 20 ε - 80 S T 7 - 2 DL + 2.845 +1.8 0° PARK +1.6 CONVENTION HALL +1.6 +1 5 +0.2 +0.z +0.2 +0.2 +0.2 +15 6.E -4 +0.2 +0 2 +0.2 +16 + 0.3 +0.2 +0.2 +0.3 +02 +02 +0.2 +0.2 0 6 E - 3 DL +2.795 +0,e +0.6 +02 +1.6 + Q,1 +03 +0.2 +02 az +0.2 +0.2 +0.2 0 2 +0 z + 0.2 40 Z +01 +01 +01 +0 +07 +15 + 9.2 1.0.1 +0 5 6E-2 01+2011 +04 +03 +03 +05 +1.6 + 0.1 +01 +01 +05 +0.1 +01 <u>a</u> 02 0 : 0.zo +0.2 + 0.5 +0.4 103 0.2 0.5 70, +05 +02 +0.2 +0.1 0.6 0 2 - 6E-1 403 +0.1 +06 +0.7 +03 +0.6 +05 +0.2 +0.1 +0.2 +06 + th 401 +0.1 +0.1 0.1 0.3 10 1.0 1.1 12 +da +07 +06 +-CLO +01 +03 +02 +0.1 0.3 1.4 1.4 1.5 2. 0.2 +0.5 1.5 2.0 2.4 +0.1 0.2 0.1 0.6 20 24 2. +0.1 02 02 3.0 3.6 2.4 3,0 2.0 2.8 0.5 1.5 £∎. 1.9 18 3.2 3.6 3 5 6.0 5.2 5.6 6.2 4.1 4.3 5.4 5.2 6.0 2.0 7.0 4.7 5.5 5.7 5.6 6.0 6.0 6,4 6,2 6.6 3.9 5.8 3.5 4.3 2.4 21 2 6 2.4 2.2 3.0 3.6 3.7 6.4 6.7 7.0 6.8 6.4 4.7 5.0 7.2 4.4 4.4 11.4 132 11.2 12.3 610 \_\_\_\_.s.\_\_.i. 6.5 ..... 6.1 815 X+100034 1'500 \_\_\_\_\_\_^°` 14 o sa da la la

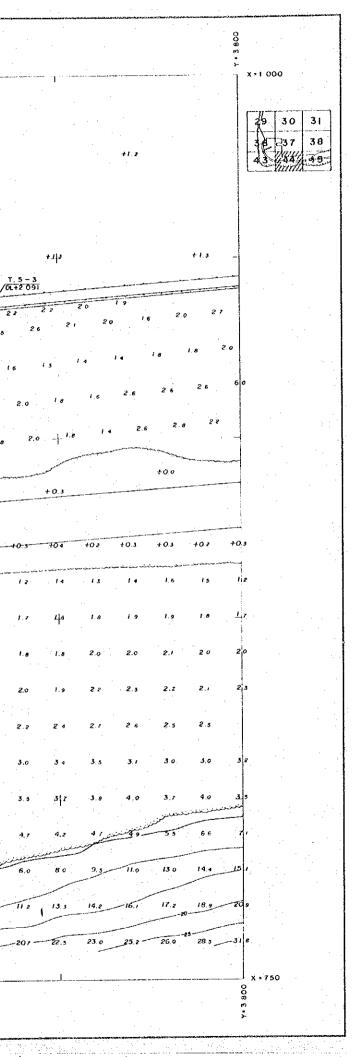




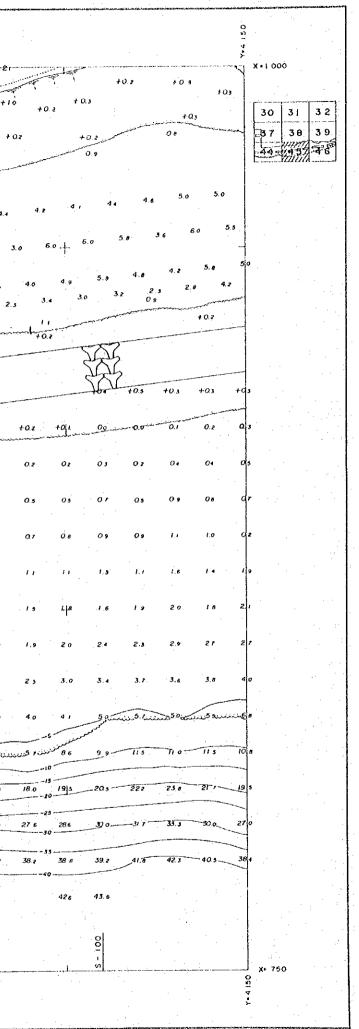




現況水深図-44 MAP No. 44 X+1000 3.4 24 3.2 26 +14 +1.2 +1.5 NATIONAL SECURITY SERVICE 30 3.0 1.6 3.2 2.2 3.2 2.7 4.4 亡事重 26 4.1.4 t16 2 a UNDER CONSTRUCTION +1.4 26 2 1 DEPOSTATION OF HATERIALS +1.4 +1.3 -+-÷ -2.0 2.0 2.5 +1.5 26 2.0 +1 + 21 26 23 7.4 /DL+1.968 2.4 2.8 O.8 10 10 1.2 10 10 10 12 14 24 11 14 16 1.8 1.8 16 10 23 2.2 2.2 1.5 1.8 2.2 2.2 20 1.8 2.6 2.4 2.3 1.8 16 2.0 1.6 2.3 11 17 2.4 12. 20 2.4 29 1.4 1,2 1.6 20 1.8 2.0 +0.2 26 +01 Rear +0 3 +0.2 00 2 2 24 2.0 +0.1 107 2200 +0.\* +0.2 N.S. +0.2 +0+ 0.0 0.8 0 > 1.0 1.0 +01 No. 10 +0+ +0.4 +da +02 +0+ +01 +0∢ +41 +03 +0.2 +0+ +02 +K α. 1.6 16 2.0 1,6 1.4 1.4 10 2.4 22 2.2 2. 2.3 24 1.8 30 2 8 30 31.2 3 2 3.8 3.6 3.6 34 32 3.5 3.4 3.6 3.6 3.8 3.6 3.0 3.4 3.4 4 2 min 4 - 2 min 4 4.4 4.6 4.0 42 46. 4.6 46 46 4 0 4.6 4.0 و دستين 8.0 7.0 76 7.8 8.2 8.4 8.6 8.4 7.6 7.4 7.2 7 6 80 8.2 8,0 7.6 8.2 8.4 8.0 . 11 7.6 18.7 19.5 14.4 18 2 18 4 166 -15. 15.2--15-15.2 146 14 6 14.8 16. 16 6 15 6 15.4 15.4 X 750 450 1 1:500 9,0 10 40 35 网络金属 网络金属

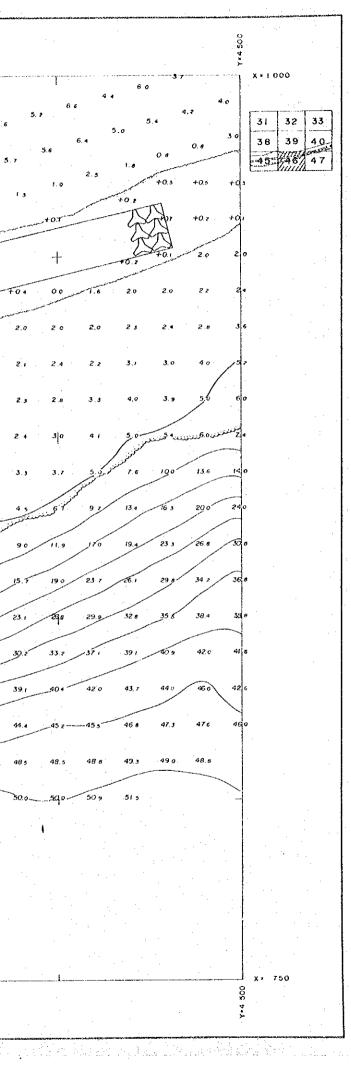


現況水深図-45 MAP No. 45 +20 7.6-2 +2.0 x+1000 +1.4 +1.4 +1.4 **₹1.5** +1.5 410 40.5 +++ +13 +14 + 0.2 10 6 +1. + O 2 +1.4 +1.4 0.9 H1.6 +15 +14 +1.6 +1 7 1.4 15 +1.5 0L +2 120 414 20 4.4 +0.2 DA +Q3 0.1 +03 +01 +01 +03 +02 +0+ +07 +q. + 01 AL+ + 03 +03 +0.1 +02 +0.1 +01 01 01 0. +0.4 +0. +03 +03 +0.4 +01 ZZA 124 07 0.6 +0.4 +02 0, +03 +02 + 0.3 +0.3 +0.3 +01 +0.2 0.3 0.4 06 10.2 +01 +01 0 2 0 0.5 10 1.5 1.1 18 17 26 26 2.0 2.3 4.0 3, 4.5 35 30 36 3.4 2.6 41 40 5 9 4 4 4 . 3.5 8 5 9.2 1911 97 84 8 0 8.0 7.5 4.0 28 0 12.4 12 0 13.4 13.5 12.6 11.1 11.9 130 11 0 161 11 8 10.6 8.0 112 4015 72 8 24.0 320 380 220 23 22 22.7 21.8 22 2 21.7 19.5 .20.1 163 17.5 36.0 .42.1 34.7 340 35.0 35.5 33.6 340 -33.0 32 -34.0 33.8 34 0 34.0 33.5 -32.4 32.6 -22.0 ,25.0 35.6----\_35.6 35.5 320 X 750 8 1.500 50 13 

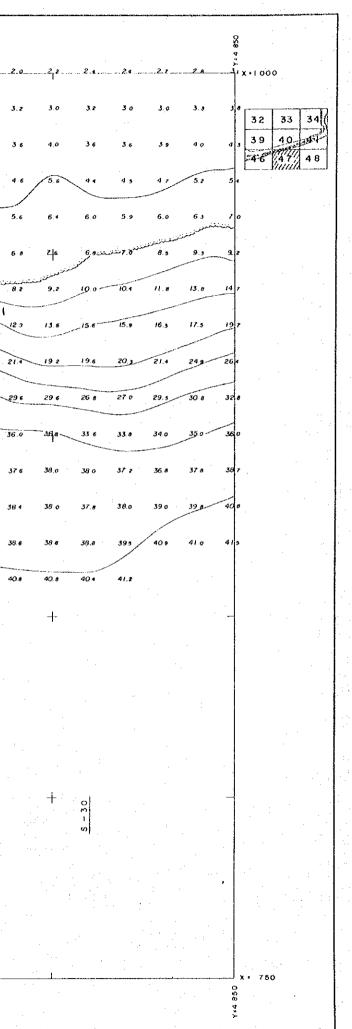


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8 現況水深図-46 MAP No. 46 X+1000 QUAY WALL +0.2. 0 e 4 5 +2.0 23 0.0 26 0.6 4.8 0.8 04 0.6 01 0.1 0 1 00 Ö 2 01 +0: +0+ +0.3 +00 公次  $\mathcal{H}$ ÷0.2 +0 2 +0.2 0.0 2.2 06 +0 ż 00 <u>-</u>}; +0. +02 2.0 õĩ 1.8 ~173 õ 0. õ, 0 0. 6. Y -'n 0.7 06 64 82 4 0 77 8 A 7.0 .15 7.6 3.0 35 3.4 40 8. 30 44 44 6 43.0 43.6 14.4 19.0 22 0 117 7.8 8.4 42.0 4G Ó 38.0 48.6 493 34 4 \_-52 7 542 5019 1 51 8 51.4 52 5 51.1 510 446 - 37 5 43 2 53 z 39.1-45 0 ŝi.o 52.2 24.3 14 270 256 436 48.0 39. r 45 1 50.4 50 e 51.5 458 450 471 486 06.1 20 S X∗ 750 8 1:500 100\* - 32 50 8 



<u>現況水深図-47</u> MAP No. 47 x =1 000 0.9 1.5 2 : 1.4 25 +0.2 22 33 36 + d 40 21 32 3.4 4.0 4.6 5 6 5.4 32 34 3.5 3.6 35 3.9 13 2.1 08 16 2.5 -(-)) 2.8 3.8 40 4 2 47 48 6.6 63 2.4 2 4 2 8 zle 30 -52 7.9 .5 0 6.0 6.4 6.7 7. o 28 3.6 4.4 7.0 28 27 3.2 3.4 14.1 44 4.∢ 3.6 4.6 5.8 6.0 7.1 8.0 88 9.0 10,0 3.7 3.1 4.0 3.9 3.5 4.4 17.7 22.0 4.4 6.5 6 0 6.0 6.5 5.0 5.3 5.5 6.0 4.0 5 4 6.2 8.0 15 24.0 9.5/ 13 5 15.8 200 24 5 281 290 300 310 ing ing 270 58 82 8. 31.2 متنده ۲ اس عندنته 7.5 8.1 B 8 28 0 31 0 18.1 21.8 25 340 11.2 11 2 14.0-35.2 336 35 8 36.2 8.1 8.5 9iz 10 8 11.8 1219 7.2 7.6 -10 4 10.0 10 4 11.5 12.0 101 26 9 26.8 29.2 11.6 12 8 17.8 192 22 0 320 343 360 36 4 36.0 12.0 16.0 18.0 17.1 17 8 18 C 19 1 190 200----37.4 37.4 37 2 37 4 10.8 15 33 4 37 0 19.0 315 374 19.1 20 1 213 22 5 25 8 26 0 25 e 26.0 26.ò 27.2 320 35.0-35.8 38 0 39.2 38.2 38 ( 38 6 330 33.∢ 26 ---- 25 2---- 25 8 290 33 0 33.4 340 34.0 36.4 364 35.0 37.0 38.5 38 4 396 27.0 303 31.9 328 37.0 381 390 38 8 34.0 32.0 32.0 336 35 s 345 35 9 367 360 35 4 35 7 36 2 37 2 38 4 39.0 39.0 403 400 40 6 4Q 6 35 8 35 2 20 37 2 370 37.4 39 40.0 411 408 37 374 42.0 376 39 z 42 5 430 43 z 41 412 40.5 40.5 401 40 39 2 385 37 8 38.1 40.ź 40 1 41.5 39.6 41.2 42 + 43.2 420 39.1 440 45 2 430 43.3 42.8 43.0 42.0 41.9 41.7 45 5 41.3 457 44 5 437 42 5 \$1.0 41.0 40.8 46.0 45.0 46.0 44.0 + -----+ s. - 6 0 20 0 X= 750 1:500 50 6 10 10 <u>10</u> E



現況水深図-48 MAP No. 48 X + 1 000 17.2 9.5 10.8 12.8 14.2 14.0 12.4 5.6 5.2 6.8 6.8 7.5 14.0 11.2 14.4 180 3.6 3.9 5.4 3.4 23.z 20.0 19.6 18.4 20.4 12.5 14.0 17.5 10.5 11.0 15.4 10.7 19.1 11.2 5.2 5.6 312 12 8 14.0 .15.8 18. z 23. 8 23.6 180 12.0 25 4 6.4 6.1 7.3 8.0 205 24.9 24 B 6.0 7 5 17.9 304 38 4 17 2 16.0 160 190 21.8 24.2 -25.3 28.9 340 22 8 11.4 24.1 29.3 30 30 0 31.2 7.9 92 10 0 7.4  $\oplus$ 44 6 28.1 33.0 34.5 34.3 **38** o 44.9 224 22.0 25. s' -30 3142 340 16 a 30,0 45.6 390 42.4 42.8 43.2 37.2 270 30 5 34.0 36.5 38.8 18.0 21.6 25.0 26.0 . 35.6 -400 -250 22 6 22.4 40.0 404 45 6 45.6 34.0 230 25.0 27.3 27.4 32 8 348 34 3 36.9 39.0 402-40.9 41.4 42.3 42.5 41.9 41.6 47.0 300 45.0 45 2-300 45 2 20 è 45.0 37 6 38.6 39 0 66.0 29 33 s 37.4 350 406 41.4 42,8 430 44.0 44.1 44.0 43.5 43.4 45.0 45 8 45 0/ 48 0 27.3 28.0 35. 406 42.5 45.3 45.0 46.0 46.4 37.0 392 388 43.8 44.6 33.5 34.0 34.6 35. ľ 38 s 39.6 46.0 45.2 45.6 460 46.5 46.0 48.2 4116 43.1 39 6 45.9 39.8 45.5 45 4 38.5 38 8 37.8 39.0 38.4 41.2 42.4 40.*e* 41 1 41.0 40.6 394 39.5 38 39.8 41.0 41.4 420 X= 750 1 500 40 0 10 20 N

