

SENDAI, JAPAN

Urban Search & Rescue





(U) Urban Search and Rescue Atlas

(U) Special note: The Atlas is classified “UNCLASSIFIED//FOR OFFICIAL USE ONLY”

(U) Questions can be addressed to NGA Office of Corporate Communications Public Affairs Division, MS D-54 4600 Sangamore Road Bethesda, MD 20816
1-800-455-0899

(U) Prepared by: NGA Office of Americas/North America and Homeland Security Division (PMH)



The National Geospatial-Intelligence Agency (NGA) is a Department of Defense combat support agency and a member of the national Intelligence Community (IC). Headquartered in Bethesda, Md., NGA has major facilities in the Washington, D.C., and St. Louis, Mo., areas. NGA also supports mission partners through NGA representatives stationed around the world.

NGA Mission

NGA provides timely, relevant and accurate geospatial intelligence (GEOINT) in support of national security.

GEOINT

GEOINT is information about any object that can be located on the Earth. The term “geospatial intelligence” mean using imagery and geospatial (mapping, charting and geodesy) information to describe, assess and visually depict features and geographically referenced activities on the Earth.

The fusion of imagery, geospatial data, imagery intelligence and analysis is GEOINT. NGA takes a picture of an area, layers it with terrain information, and analyzes the situational context. GEOINT tells us where something is, what it is and why it is important. Tailored to the customer’s mission and geographic location, GEOINT can be as simple as a satellite image or as complex as a geographic information system database merged with other forms of intelligence.

GEOINT is at the center of intelligence activities, establishing that everything and everyone has to be somewhere.

What NGA Does

NGA develops imagery and map-based intelligence solutions for U.S. national defense, homeland security and safety of navigation. NGA is the IC’s and the Department of Defense’s principal producer and provider of GEOINT.

During the 20th century, NGA led collaboration about GEOINT among mission partners. In the 21st century, NGA is developing more efficient ways to exchange information and broaden access to all GEOINT sources and data throughout the IC.

Securing the Nation

From the White House to combat locations on the front lines, NGA helps save lives. As a Department of Defense combat support agency, NGA serves policymakers, decisionmakers and warfighters, while NGA’s experts help these partners effectively apply GEOINT to their work protecting the United States.

Combat and Humanitarian Support

NGA provides the warfighter with precise, timely GEOINT data, information and products, from nautical charts and flight publications to target positions and satellite imagery.

In addition to supporting combat operations, NGA supports disaster relief and homeland defense by providing the lead federal agencies and first responders with GEOINT, including satellite imagery of flooded areas and maps showing damage to transportation networks and threatened populated areas.

National System for Geospatial Intelligence

The National System for Geospatial Intelligence (NSG) is a unified community of GEOINT experts, producers and users working as a team to integrate technology, policies, capabilities, standards and doctrine to produce GEOINT in a “multi-intelligence (multi-INT)” environment in which many sources of intelligence are combined and used to solve national problems.

As the Functional Manager for the NSG, NGA provides strategic thinking, guidance, and direction to the IC concerning all aspects of GEOINT. NGA collaborates with NSG partners to ensure that GEOINT is a part of decision making and operations where and when it’s needed.

The Future

NGA is developing new partnerships and expanding existing partnerships in order to maximize the return on the collective investment from all GEOINT partners. NGA also continues to advance toward a data centric digital environment in which mission partners will have ready access to GEOINT databases through interoperable systems.

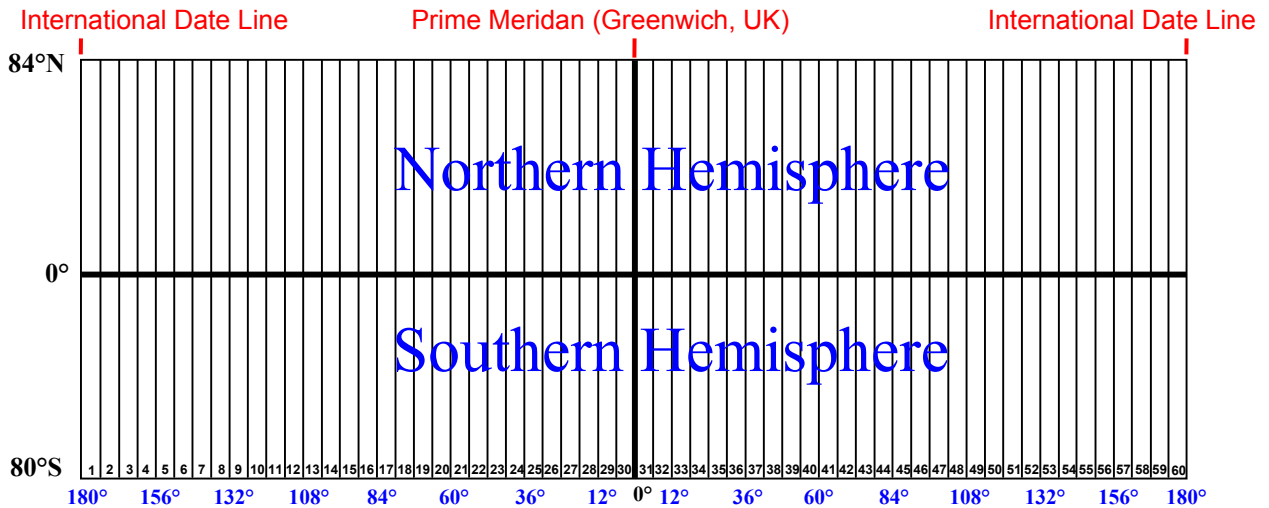
Military Map Reading 201

This information paper is designed to resolve the confusion between the Universal Transverse Mercator (UTM) and the Military Grid Reference System (MGRS) coordinates. The two systems are often used interchangeably, but they are not the same. Most of our allies, intelligence databases, and many software packages use the UTM system. The Army and Marine Corps proposed the MGRS convention to simplify coordinate exchange for the soldier/marine in the field. The aim of this paper is for users to understand both the UTM and MGRS systems and be able pull coordinates on multiple scales of maps and charts.

Universal Transverse Mercator Grid

The UTM projection transforms our three-dimensional world into a two dimensional system that allows cartographers and map users to measure distances, angles, and areas accurately. The UTM system divides the world into 60 numbered (1-60) zones with each zone being 6 wide in longitude. The 60 zones begin counting at 1 from the International Date Line, at 180 West longitude (located between Alaska and Russia), to 30 at the Prime Meridian (Greenwich, England), and up to 60 back to the International Date Line. The UTM projection loses the qualities of distortion prevention once we go near the north and south poles. For this reason UTM is valid for areas on the earth from 84 N to 80 S. The polar regions, areas between 84 N to 90 N and 80 S to 90 S, are portrayed on maps and charts using the Universal Polar Stereographic (UPS) projection. The UPS projection is used to avoid the convergence of the longitudinal lines outside of the designated area of the UTM projection.

Grid Zone Designations of the UTM Coordinate Systems

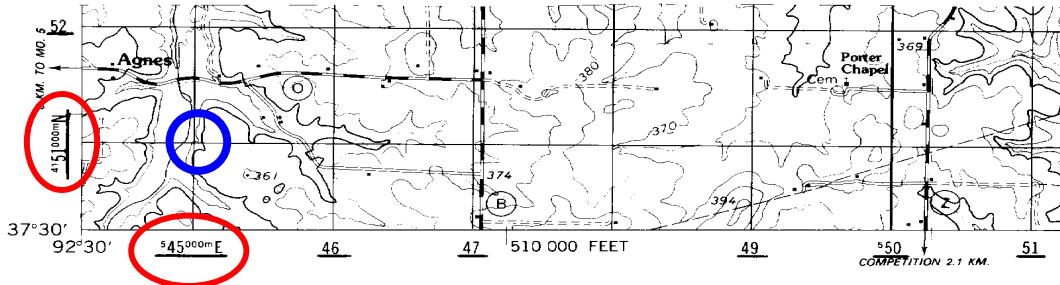


UTM coordinates for a location are determined in a multi-step process. First the user must find the proper UTM zone in which the position is located. The UTM zone number is located in the margin of large-scale maps (TLM, JOG), and in the printed area on medium scale (TPC/ONC) aeronautical charts. Next the user should designate whether the location is in the Northern or Southern Hemisphere. This is an important point because a UTM coordinate can work in both the Northern and Southern Hemispheres.

Next, the position is specified within the zone using a X, Y or Easting and Northing grid system. UTM Coordinates are always read **right** and **up** resulting in Easting and Northing values in meters. The Easting is *always* a six digit value while the Northing figure is *almost always* a seven digit value (near the equator there may be less than seven, but most systems will want you to precede a six digit coordinate with a zero). In the Northern Hemisphere Northing values are determined by counting the number of meters that the location lies north of the equator. For areas in the southern hemisphere the Northing values start at 10,000,000 meters North at the equator and count down. For example a location 1 meter south of the

equator would have a Northing value of 9,999,999 meters North, while a position 1 meter north of the equator would have a Northing value of 0,000,001 meters North.

Below we have depicted an example of a UTM coordinate. To read the Easting value you need to look at the bottom left corner of the map's image area to find the UTM string. The Easting string will generally have one small number (in size), one large number (JOG, TPC, ONC) or two (TLM), then three or four small zeros (six total digits – e.g. $545^{000m}E$). As you can see, the large numbers are the ones that change as you look across the bottom of the map sheet. They correspond to the 1,000 or 10,000 meter squares within a 6 longitudinal belt that fits the Army's Coordinate Scale and Protractor (See following details to obtain coordinate from the protractor). Read over (right) to the furthest grid line without passing the point. This should give you the first two or three numbers depending on scale. To fill in the last three or four digits of the Easting value, you use the protractor overlaid on the appropriate square.

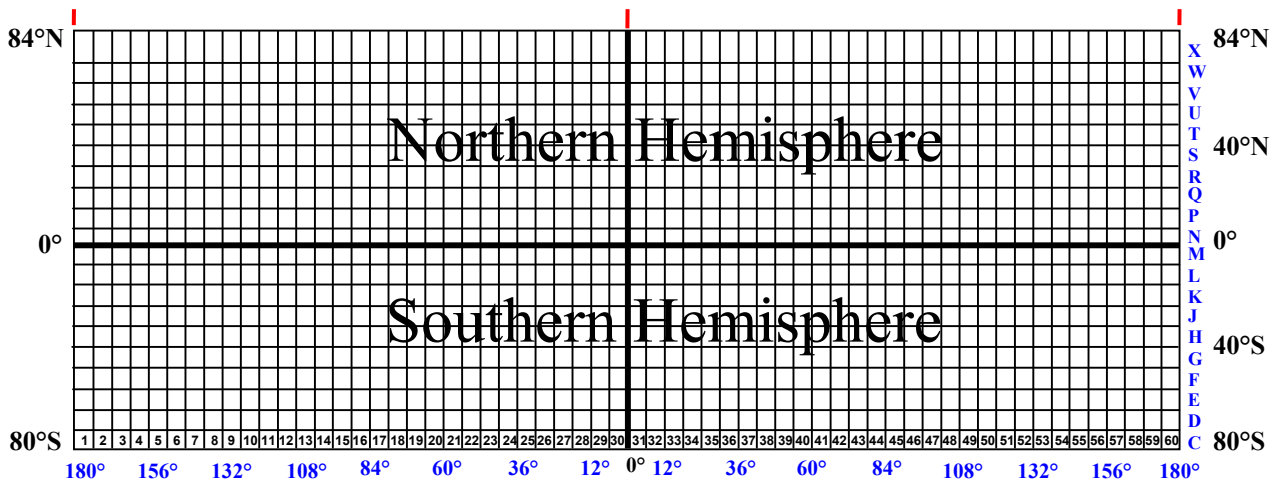


To determine the Northing value you follow a similar process, except that you are now using the numbers associated with the horizontal grid lines. In this example the grid intersection is 4151^{000m} meters north of the equator. Remember that UTM coordinates require you to use all **six** digits in the Easting and all **seven** in the Northing values. Generally, this results in the last one or two digits always being zero because you can not read a protractor any more accurately than one millimeter. For example, the UTM coordinate for the grid line intersection encircled above is **15 545,000mE 4,151,000mN**

Military Grid Reference System (MGRS)

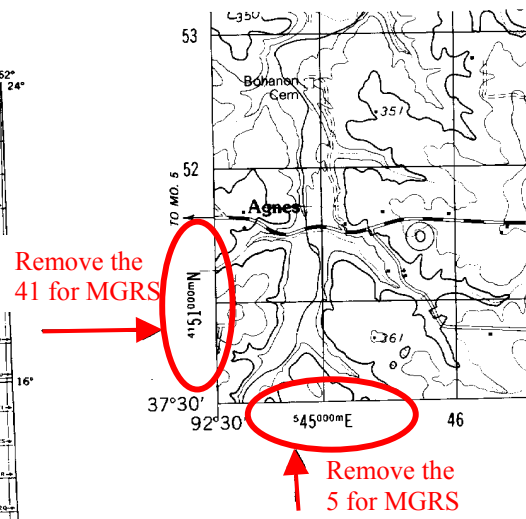
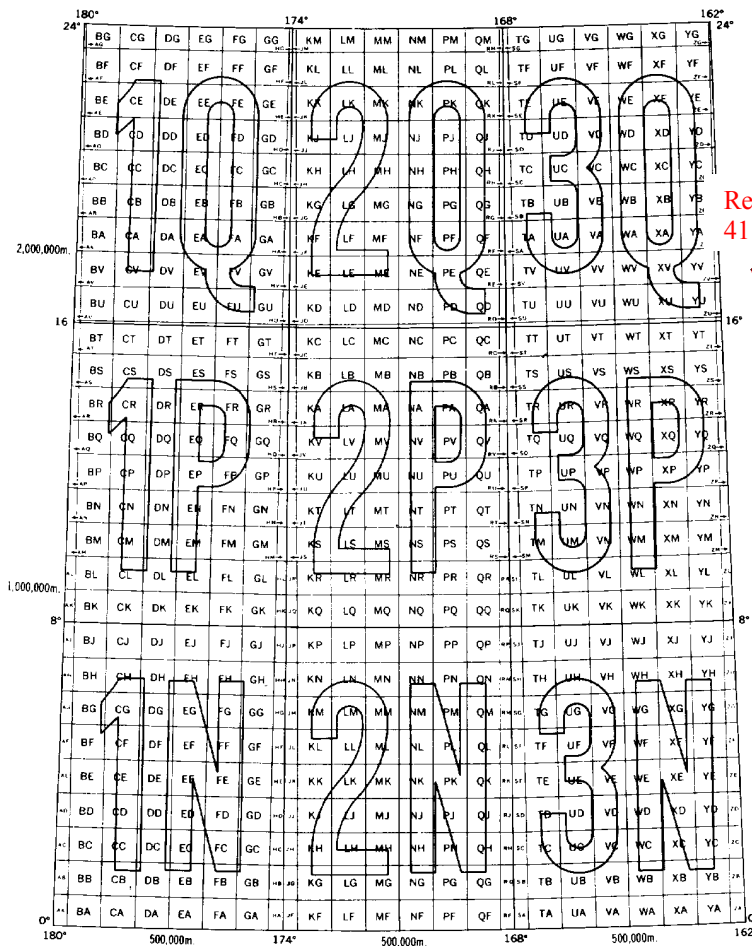
The MGRS system was designed to simplify the specification of position and passing of coordinates for soldiers and marines. The MGRS system allows users to abbreviate the 13-digit UTM coordinate, making it easier to use. You begin the same way, with the Grid Zone Designator, but there it is different. The difference is that the 60 zones are divided every 8 of latitude, which forms 6 x 8 grid zones. The one exception to the 8 latitudinal division is the northern most division "X" which is 12 high. The 8 divisions are denoted by a lettering scheme that starts with "C" at 80 S and letters each 8 latitude zone to "X" excluding the letters I and O which are easily confused with 1 and 0. The basic system is depicted below:

Grid Zone Designations of the MGRS Coordinate Systems



Next, each 6 x 8 grid zone is further broken down into 100,000 meter squares. Each 100,000 meter square is assigned a two letter scheme to distinguish it from the neighboring squares. The first letter starts with A in the west and goes higher as the zones move east. This letter corresponds to the first digit in the Easting value of a UTM coordinate. The second letter starts with A in the south and rises as you move north. The second letter in the 100,000 meter square identifier corresponds to the second digit in the Northing value of the UTM coordinate. These two letters allow you to remove the small numbers preceding the large ones from the full UTM coordinate in the bottom left corner of the map face. In the example from the previous page, ⁵45^{000m}E and ⁴¹51^{000m}N, the superscript 5 and 41 are no longer required in MGRS because the letters are used in their place to denote 6 X 8 grid zone and 100,000m square.

Basic Plan of the 100,000 meter Square Identifications of the Military Grid Reference System



SAMPLE 1,000 METER GRID SQUARE	100 METER REFERENCE
	<ol style="list-style-type: none"> 1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point. 12 3 2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. 45 6 <p>Example: 123456</p>
<p>100,000 M. SQUARE IDENTIFICATION</p> <p>WM</p>	<p>WHEN REPORTING OUTSIDE THE 100,000 METER SQUARE AREA IN WHICH THE POINT LIES, PREFIX THE 100,000 METER SQUARE IDENTIFICATION.</p> <p>Example: WM123456</p>
<p>GRID ZONE DESIGNATION</p> <p>15S</p>	<p>WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.</p> <p>Example: 15SWM123456</p>

Sample Marginal Data Giving Grid Zone Designation, 100,000m Square ID, and protractor training

To specify a location in the MGRS system you must first determine which 6 x 8 grid zone the point is lies in. Grid zone designator information is normally found in the margin of large scale maps as depicted in the figure above (**15S**). Next, you need to identify the 100,000 meter square identifier for the point's location. Once again look to your margin for TLMs and JOGs to specify the letter combination (**WM**).

Now the process is similar to the UTM system in that coordinates are read right and up. The key difference is that the number of easting digits **must** equal the number of northing digits. First you must

read the Easting value, start the numerical part of your MGRS coordinate with the large number(s) that run along the bottom and side of the map and then use the protractor to obtain more precision. Unlike UTM, you do not have to use every number that would result from a “full” coordinate (10 digits -- five in the Easting and five in the Northing). You can simplify it with six digit (leave off last two digits in each direction) or eight digit (one in both E and N) coordinates.

An often-confusing point is that most NIMA 1:50,000 scale maps are made to an accuracy of 50m at the 90% confidence interval. This means that 90% of all well-defined points on a map will fall within a 50 meter radius of their actual position on the earth’s surface. The confusion comes in when soldiers try to use a map to get a 10-digit grid coordinate, which equates to a 1 meter precision. A 1:50,000 scale map is only accurate to 50m 90% of the time so a 6 digit (100m precision) or an 8 digit (10m precision) are more appropriate. A 1:250,000 scale map maintains an accuracy of 250 meters at the 90% confidence interval.

MGRS-Old and MGRS-New

Inventors and users, cartographers, of MGRS have changed several times over the years. With the advent of a modern global datum, WGS-84, the inventors of MGRS decided to modify the existing MGRS 100,000 meter square identifier lettering scheme. To make it obvious to the military map user, DMA instituted a ten-letter shift in the second (northing) letter of the new MGRS 100,000 meter square identifiers. For an area mapped with an old datum (e.g. NAD-27) the 100,000 meter square identifier would be **UT**. The MGRS 100,000m square identifier scheme for the same area changes to **UH** as it’s when mapped using WGS-84 datum. This ten-letter shift in the identifier was designed to alert the user to the problem with old and new maps as well as datum incompatibilities.

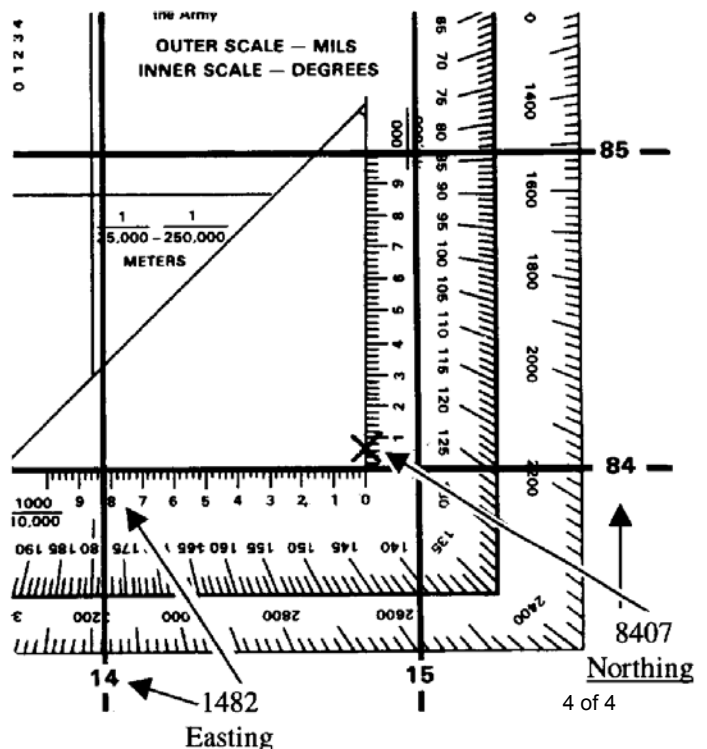
The MGRS Old system was based on three local ellipsoids (Bessel, Clarke 1866, and Clarke 1880) that predominantly were used with North American Datum 1927, Tokyo Datum, and many African datums. The New system is based on eight ellipsoids (Grid Reference System 1980, International, World Geodetic System 1984, WGS72, Australian, Everest, South American 1969 (GRS67), and Clarke 1866 (UTM Zones 47-50)) and is used for *all* global datums and many regional datums like ED50.

**** The most important note that can be taken from this information paper is that two users at each end of a communication must be using the same coordinate system, grid zone designator and datum/ellipsoid pair. This issue can be rectified by each user verifying the data in the margin to ensure that everyone is using the same system***

Coordinate Scale and Protractor

This Department of the Army Training Aid (GTA 5-2-12, 1981) assists you in determining your position within a 1,000 or 10,000 meter square. You begin by aligning the base of the triangle (zero tick mark on the right side) with the UTM grid line below your point of interest (see grid line 84 of example). Align the right side so that it intersects the point as in the example. Read the coordinate right, then up. In the easting you have (1482). In the northing, you have 8407. The full eight-digit MGRS coordinate in this example is **18S UH 1482 8407**.

(18S UH comes from the marginal data.)



Sunrise, Sunset, and Twilight Information: January–April

Sendai, Japan

38° 18' 00" N 140° 54' 00" E

Date	Astronomical Twilight Begins	Nautical Twilight Begins	Civil Twilight Begins	Sunrise	Duration of Daylight	Sunset	Civil Twilight Ends	Nautical Twilight Ends	Astronomical Twilight Ends
1	5:19	5:51	6:24	6:53	9 hrs, 33 min	16:26	16:56	17:29	18:01
2	5:19	5:51	6:24	6:54	9 hrs, 34 min	16:27	16:57	17:30	18:02
3	5:19	5:51	6:24	6:54	9 hrs, 34 min	16:28	16:57	17:30	18:03
4	5:19	5:51	6:24	6:54	9 hrs, 35 min	16:29	16:58	17:31	18:03
5	5:19	5:51	6:24	6:54	9 hrs, 36 min	16:30	16:59	17:32	18:04
6	5:19	5:51	6:24	6:54	9 hrs, 37 min	16:31	17:00	17:33	18:05
7	5:20	5:52	6:24	6:54	9 hrs, 38 min	16:32	17:01	17:34	18:06
8	5:20	5:52	6:24	6:54	9 hrs, 39 min	16:32	17:02	17:35	18:07
9	5:20	5:52	6:24	6:54	9 hrs, 40 min	16:33	17:03	17:35	18:07
10	5:20	5:52	6:24	6:54	9 hrs, 41 min	16:34	17:04	17:36	18:08
11	5:20	5:51	6:24	6:53	9 hrs, 42 min	16:35	17:04	17:37	18:09
12	5:19	5:51	6:24	6:53	9 hrs, 43 min	16:36	17:05	17:38	18:10
13	5:19	5:51	6:24	6:53	9 hrs, 44 min	16:37	17:06	17:39	18:11
14	5:19	5:51	6:24	6:53	9 hrs, 46 min	16:38	17:07	17:40	18:12
15	5:19	5:51	6:23	6:52	9 hrs, 47 min	16:39	17:08	17:41	18:13
16	5:19	5:51	6:23	6:52	9 hrs, 48 min	16:40	17:09	17:42	18:13
17	5:19	5:50	6:23	6:52	9 hrs, 50 min	16:41	17:10	17:43	18:14
18	5:18	5:50	6:22	6:51	9 hrs, 51 min	16:43	17:11	17:44	18:15
19	5:18	5:50	6:22	6:51	9 hrs, 53 min	16:44	17:12	17:45	18:16
20	5:18	5:49	6:22	6:50	9 hrs, 54 min	16:45	17:13	17:46	18:17
21	5:17	5:49	6:21	6:50	9 hrs, 56 min	16:46	17:14	17:47	18:18
22	5:17	5:49	6:21	6:49	9 hrs, 58 min	16:47	17:15	17:48	18:19
23	5:17	5:48	6:20	6:49	9 hrs, 59 min	16:48	17:16	17:49	18:20
24	5:16	5:48	6:20	6:48	10 hrs, 1 min	16:49	17:18	17:50	18:21
25	5:16	5:47	6:19	6:48	10 hrs, 3 min	16:50	17:19	17:51	18:22
26	5:15	5:47	6:19	6:47	10 hrs, 5 min	16:51	17:20	17:52	18:23
27	5:15	5:46	6:18	6:46	10 hrs, 6 min	16:53	17:21	17:53	18:24
28	5:14	5:45	6:17	6:45	10 hrs, 8 min	16:54	17:22	17:54	18:25
29	5:14	5:45	6:17	6:45	10 hrs, 10 min	16:55	17:23	17:55	18:26
30	5:13	5:44	6:16	6:44	10 hrs, 12 min	16:56	17:24	17:56	18:27
31	5:12	5:43	6:15	6:43	10 hrs, 14 min	16:57	17:25	17:57	18:28

Date	Astronomical Twilight Begins	Nautical Twilight Begins	Civil Twilight Begins	Sunrise	Duration of Daylight	Sunset	Civil Twilight Ends	Nautical Twilight Ends	Astronomical Twilight Ends
1	4:42	5:12	5:43	6:10	11 hrs, 19 min	17:29	17:55	18:26	18:57
2	4:40	5:11	5:42	6:08	11 hrs, 22 min	17:30	17:56	18:27	18:58
3	4:39	5:10	5:40	6:07	11 hrs, 24 min	17:31	17:57	18:28	18:59
4	4:38	5:08	5:39	6:05	11 hrs, 27 min	17:32	17:58	18:29	19:00
5	4:36	5:07	5:37	6:04	11 hrs, 29 min	17:33	17:59	18:30	19:01
6	4:35	5:05	5:36	6:02	11 hrs, 31 min	17:34	18:00	18:31	19:02
7	4:33	5:04	5:35	6:01	11 hrs, 34 min	17:35	18:01	18:32	19:03
8	4:32	5:03	5:33	6:00	11 hrs, 36 min	17:36	18:02	18:33	19:04
9	4:30	5:01	5:32	5:58	11 hrs, 39 min	17:37	18:03	18:34	19:05
10	4:29	5:00	5:30	5:57	11 hrs, 41 min	17:38	18:04	18:35	19:06
11	4:27	4:58	5:29	5:55	11 hrs, 44 min	17:39	18:05	18:36	19:07
12	4:26	4:57	5:27	5:54	11 hrs, 46 min	17:40	18:06	18:37	19:08
13	4:24	4:55	5:26	5:52	11 hrs, 49 min	17:41	18:07	18:38	19:09
14	4:23	4:54	5:24	5:51	11 hrs, 51 min	17:42	18:08	18:39	19:10
15	4:21	4:52	5:23	5:49	11 hrs, 54 min	17:43	18:09	18:40	19:11
16	4:19	4:50	5:21	5:47	11 hrs, 56 min	17:44	18:10	18:41	19:12
17	4:18	4:49	5:20	5:46	11 hrs, 59 min	17:45	18:11	18:42	19:13
18	4:16	4:47	5:18	5:44	12 hrs, 1 min	17:46	18:12	18:43	19:14
19	4:15	4:46	5:17	5:43	12 hrs, 4 min	17:47	18:13	18:44	19:15
20	4:13	4:44	5:15	5:41	12 hrs, 6 min	17:48	18:14	18:45	19:16
21	4:11	4:43	5:13	5:40	12 hrs, 9 min	17:49	18:15	18:46	19:17
22	4:10	4:41	5:12	5:38	12 hrs, 11 min	17:49	18:16	18:47	19:18
23	4:08	4:39	5:10	5:37	12 hrs, 14 min	17:50	18:17	18:48	19:19
24	4:06	4:38	5:09	5:35	12 hrs, 16 min	17:51	18:18	18:49	19:20
25	4:05	4:36	5:07	5:34	12 hrs, 19 min	17:52	18:19	18:50	19:21
26	4:03	4:35	5:06	5:32	12 hrs, 21 min	17:53	18:20	18:51	19:22
27	4:01	4:33	5:04	5:30	12 hrs, 24 min	17:54	18:21	18:52	19:24
28	4:00	4:31	5:02	5:29	12 hrs, 26 min	17:55	18:22	18:53	19:25
29	3:58	4:30	5:01	5:27	12 hrs, 29 min	17:56	18:23	18:54	19:26
30	3:56	4:28	4:59	5:26	12 hrs, 31 min	17:57	18:24	18:55	19:27
31	3:54	4:26	4:58	5:24	12 hrs, 34 min	17:58	18:25	18:56	19:28

Date	Astronomical Twilight Begins	Nautical Twilight Begins	Civil Twilight Begins	Sunrise	Duration of Daylight	Sunset	Civil Twilight Ends	Nautical Twilight Ends	Astronomical Twilight Ends
1	5:12	5:43	6:14	6:42	10 hrs, 16 min	16:58	17:26	17:58	18:29
2	5:11	5:42	6:14	6:41	10 hrs, 18 min	16:59	17:27	17:59	18:30
3	5:10	5:41	6:13	6:41	10 hrs, 20 min	17:00	17:28	18:00	18:31
4	5:09	5:40	6:12	6:40	10 hrs, 22 min	17:02	17:29	18:01	18:32
5	5:09	5:40	6:11	6:39	10 hrs, 24 min	17:03	17:30	18:02	18:33
6	5:08	5:39	6:10	6:38	10 hrs, 26 min	17:04	17:31	18:03	18:34
7	5:07	5:38	6:09	6:37	10 hrs, 28 min	17:05	17:33	18:04	18:35
8	5:06	5:37	6:08	6:36	10 hrs, 30 min	17:06	17:34	18:05	18:36
9	5:05	5:36	6:07	6:35	10 hrs, 33 min	17:07	17:35	18:06	18:37
10	5:04	5:35	6:06	6:34	10 hrs, 35 min	17:08	17:36	18:07	18:38
11	5:03	5:34	6:05	6:33	10 hrs, 37 min	17:09	17:37	18:08	18:39
12	5:02	5:33	6:04	6:31	10 hrs, 39 min	17:11	17:38	18:09	18:40
13	5:01	5:32	6:03	6:30	10 hrs, 41 min	17:12	17:39	18:10	18:41
14	5:00	5:31	6:02	6:29	10 hrs, 44 min	17:13	17:40	18:11	18:42
15	4:59	5:30	6:01	6:28	10 hrs, 46 min	17:14	17:41	18:12	18:43
16	4:58	5:29	6:00	6:27	10 hrs, 48 min	17:15	17:42	18:13	18:44
17	4:57	5:28	5:59	6:26	10 hrs, 51 min	17:16	17:43	18:14	18:45
18	4:56	5:26	5:57	6:24	10 hrs, 53 min	17:17	17:44	18:15	18:46
19	4:55	5:25	5:56	6:23	10 hrs, 55 min	17:18	17:45	18:16	18:47
20	4:53	5:24	5:55	6:22	10 hrs, 58 min	17:19	17:46	18:17	18:48
21	4:52	5:23	5:54	6:20	11 hrs, 0 min	17:20	17:47	18:18	18:49
22	4:51	5:22	5:52	6:19	11 hrs, 2 min	17:22	17:48	18:19	18:50
23	4:50	5:20	5:51	6:18	11 hrs, 5 min	17:23	17:49	18:20	18:51
24	4:49	5:19	5:50	6:17	11 hrs, 7 min	17:24	17:50	18:21	18:52
25	4:47	5:18	5:49	6:15	11 hrs, 9 min	17:25	17:51	18:22	18:53
26	4:46	5:16	5:47	6:14	11 hrs, 12 min	17:26	17:52	18:23	18:54
27	4:45	5:15	5:46	6:12	11 hrs, 14 min	17:27	17:53	18:24	18:55
28	4:43	5:14	5:44	6:11	11 hrs, 17 min	17:28	17:54	18:25	18:56

Date	Astronomical Twilight Begins	Nautical Twilight Begins	Civil Twilight Begins	Sunrise	Duration of Daylight	Sunset	Civil Twilight Ends	Nautical Twilight Ends	Astronomical Twilight Ends
1	3:53	4:25	4:56	5:23	12 hrs, 36 min	17:59	18:26	18:57	19:29
2	3:51	4:23	4:55	5:21	12 hrs, 39 min	18:00	18:26	18:58	19:30
3	3:49	4:22	4:53	5:20	12 hrs, 41 min	18:01	18:27	18:59	19:31
4	3:47	4:20	4:51	5:18	12 hrs, 43 min	18:02	18:28	19:00	19:33
5	3:46	4:18	4:50	5:17	12 hrs, 46 min	18:03	18:29	19:01	19:34
6	3:44	4:17	4:48	5:15	12 hrs, 48 min	18:04	18:30	19:02	19:35
7	3:42	4:15	4:47	5:14	12 hrs, 51 min	18:05	18:31	19:03	19:36
8	3:40	4:13	4:45	5:12	12 hrs, 53 min	18:05	18:32	19:04	19:37
9	3:39	4:12	4:44	5:11	12 hrs, 56 min	18:06	18:33	19:05	19:38
10	3:37	4:10	4:42	5:09	12 hrs, 58 min	18:07	18:34	19:06	19:40
11	3:35	4:09	4:41	5:08	13 hrs, 1 min	18:08	18:35	19:07	19:41
12	3:33	4:07	4:39	5:06	13 hrs, 3 min	18:09	18:36	19:09	19:42
13	3:32	4:05	4:38	5:05	13 hrs, 5 min	18:10	18:37	19:10	19:43
14	3:30	4:04	4:36	5:03	13 hrs, 8 min	18:11	18:38	19:11	19:45
15	3:28	4:02	4:35	5:02	13 hrs, 10 min	18:12	18:39	19:12	19:46
16	3:26	4:01	4:33	5:00	13 hrs, 12 min	18:13	18:40	19:13	19:47
17	3:25	3:59	4:32	4:59	13 hrs, 15 min	18:14	18:41	19:14	19:48
18	3:23	3:57	4:30	4:58	13 hrs, 17 min	18:15	18:42	19:15	19:50
19	3:21	3:56	4:29	4:56	13 hrs, 19 min	18:16	18:43	19:16	19:51
20	3:20	3:54	4:27	4:55	13 hrs, 22 min	18:17	18:44	19:17	19:52
21	3:18	3:53	4:26	4:54	13 hrs, 24 min	18:18	18:45	19:19	19:53
22	3:16	3:51	4:24	4:52	13 hrs, 26 min	18:19	18:46	19:20	19:55
23	3:14	3:50	4:23	4:51	13 hrs, 29 min	18:20	18:47	19:21	19:56
24	3:13	3:48	4:22	4:50	13 hrs, 31 min	18:20	18:48	19:22	19:57
25	3:11	3:47	4:20	4:48	13 hrs, 33 min	18:21	18:49	19:23	19:59
26	3:09	3:45	4:19	4:47	13 hrs, 35 min	18:22	18:5		

Sunrise, Sunset, and Twilight Information: May–August

Sendai, Japan

38° 18' 00" N 140° 54' 00" E

	Date	Astronomical Twilight Begins	Nautical Twilight Begins	Civil Twilight Begins	Sunrise	Duration of Daylight	Sunset	Civil Twilight Ends	Nautical Twilight Ends	Astronomical Twilight Ends		Date	Astronomical Twilight Begins	Nautical Twilight Begins	Civil Twilight Begins	Sunrise	Duration of Daylight	Sunset	Civil Twilight Ends	Nautical Twilight Ends	Astronomical Twilight Ends
May	1	3:01	3:38	4:12	4:41	13 hrs, 46 min	18:27	18:55	19:30	20:07		1	2:20	3:05	3:45	4:16	14 hrs, 48 min	19:04	19:35	20:15	21:00
	2	3:00	3:37	4:11	4:40	13 hrs, 48 min	18:28	18:57	19:31	20:08		2	2:21	3:06	3:45	4:17	14 hrs, 47 min	19:04	19:35	20:15	21:00
	3	2:58	3:35	4:10	4:38	13 hrs, 51 min	18:29	18:58	19:32	20:09		3	2:21	3:06	3:46	4:17	14 hrs, 47 min	19:04	19:35	20:15	20:59
	4	2:56	3:34	4:09	4:37	13 hrs, 53 min	18:30	18:59	19:33	20:11		4	2:22	3:07	3:46	4:18	14 hrs, 46 min	19:04	19:35	20:14	20:59
	5	2:55	3:32	4:07	4:36	13 hrs, 55 min	18:31	19:00	19:35	20:12		5	2:23	3:07	3:47	4:18	14 hrs, 45 min	19:03	19:35	20:14	20:58
	6	2:53	3:31	4:06	4:35	13 hrs, 57 min	18:32	19:01	19:36	20:14		6	2:24	3:08	3:47	4:19	14 hrs, 44 min	19:03	19:34	20:14	20:58
	7	2:52	3:30	4:05	4:34	13 hrs, 59 min	18:33	19:02	19:37	20:15		7	2:25	3:09	3:48	4:19	14 hrs, 44 min	19:03	19:34	20:13	20:57
	8	2:50	3:28	4:04	4:33	14 hrs, 1 min	18:34	19:03	19:38	20:16		8	2:25	3:10	3:49	4:20	14 hrs, 43 min	19:03	19:34	20:13	20:57
	9	2:49	3:27	4:03	4:32	14 hrs, 3 min	18:34	19:04	19:39	20:18		9	2:26	3:10	3:49	4:20	14 hrs, 42 min	19:02	19:33	20:12	20:56
	10	2:47	3:26	4:02	4:31	14 hrs, 5 min	18:35	19:05	19:40	20:19		10	2:27	3:11	3:50	4:21	14 hrs, 41 min	19:02	19:33	20:12	20:56
	11	2:46	3:25	4:01	4:30	14 hrs, 7 min	18:36	19:06	19:41	20:20		11	2:28	3:12	3:51	4:22	14 hrs, 40 min	19:02	19:33	20:11	20:55
	12	2:45	3:24	3:59	4:29	14 hrs, 8 min	18:37	19:07	19:43	20:22		12	2:29	3:13	3:51	4:22	14 hrs, 39 min	19:01	19:32	20:11	20:54
	13	2:43	3:22	3:58	4:28	14 hrs, 10 min	18:38	19:08	19:44	20:23		13	2:30	3:13	3:52	4:23	14 hrs, 38 min	19:01	19:32	20:10	20:53
	14	2:42	3:21	3:57	4:27	14 hrs, 12 min	18:39	19:09	19:45	20:24		14	2:31	3:14	3:53	4:24	14 hrs, 37 min	19:00	19:31	20:10	20:53
	15	2:40	3:20	3:56	4:26	14 hrs, 14 min	18:40	19:10	19:46	20:26		15	2:32	3:15	3:54	4:24	14 hrs, 35 min	19:00	19:31	20:09	20:52
	16	2:39	3:19	3:55	4:25	14 hrs, 16 min	18:41	19:11	19:47	20:27		16	2:33	3:16	3:54	4:25	14 hrs, 34 min	18:59	19:30	20:08	20:51
	17	2:38	3:18	3:55	4:24	14 hrs, 17 min	18:42	19:11	19:48	20:28		17	2:35	3:17	3:55	4:26	14 hrs, 33 min	18:59	19:29	20:07	20:50
	18	2:37	3:17	3:54	4:24	14 hrs, 19 min	18:43	19:12	19:49	20:30		18	2:36	3:18	3:56	4:27	14 hrs, 32 min	18:58	19:29	20:07	20:49
	19	2:35	3:16	3:53	4:23	14 hrs, 21 min	18:43	19:13	19:50	20:31		19	2:37	3:19	3:57	4:27	14 hrs, 30 min	18:58	19:28	20:06	20:48
	20	2:34	3:15	3:52	4:22	14 hrs, 22 min	18:44	19:14	19:51	20:32		20	2:38	3:20	3:58	4:28	14 hrs, 29 min	18:57	19:27	20:05	20:47
	21	2:33	3:14	3:51	4:21	14 hrs, 24 min	18:45	19:15	19:53	20:34		21	2:39	3:21	3:58	4:29	14 hrs, 27 min	18:56	19:27	20:04	20:46
	22	2:32	3:13	3:50	4:20	14 hrs, 25 min	18:46	19:16	19:54	20:35		22	2:40	3:22	3:59	4:30	14 hrs, 26 min	18:56	19:26	20:03	20:44
	23	2:31	3:12	3:50	4:20	14 hrs, 27 min	18:47	19:17	19:55	20:36		23	2:42	3:23	4:00	4:30	14 hrs, 24 min	18:55	19:25	20:02	20:43
	24	2:30	3:11	3:49	4:19	14 hrs, 28 min	18:48	19:18	19:56	20:37		24	2:43	3:24	4:01	4:31	14 hrs, 23 min	18:54	19:24	20:01	20:42
	25	2:28	3:10	3:48	4:19	14 hrs, 30 min	18:48	19:19	19:57	20:39		25	2:44	3:25	4:02	4:32	14 hrs, 21 min	18:53	19:23	20:00	20:41
	26	2:27	3:10	3:47	4:18	14 hrs, 31 min	18:49	19:20	19:58	20:40		26	2:45	3:26	4:03	4:33	14 hrs, 20 min	18:52	19:22	19:59	20:40
	27	2:26	3:09	3:47	4:17	14 hrs, 33 min	18:50	19:21	19:59	20:41		27	2:47	3:27	4:04	4:34	14 hrs, 18 min	18:52	19:21	19:58	20:38
	28	2:26	3:08	3:46	4:17	14 hrs, 34 min	18:51	19:21	20:00	20:42		28	2:48	3:28	4:05	4:35	14 hrs, 16 min	18:51	19:20	19:57	20:37
	29	2:25	3:07	3:46	4:16	14 hrs, 35 min	18:51	19:22	20:00	20:43		29	2:49	3:29	4:06	4:35	14 hrs, 15 min	18:50	19:20	19:56	20:36
	30	2:24	3:07	3:45	4:16	14 hrs, 36 min	18:52	19:23	20:01	20:44		30	2:51	3:30	4:07	4:36	14 hrs, 13 min	18:49	19:19	19:55	20:34
	31	2:23	3:06	3:44	4:15	14 hrs, 37 min	18:53	19:24	20:02	20:45		31	2:52	3:31	4:08	4:37	14 hrs, 11 min	18:48	19:17	19:54	20:33
June	1	2:22	3:05	3:44	4:15	14 hrs, 39 min	18:54	19:25	20:03	20:47		1	2:53	3:32	4:08	4:38	14 hrs, 9 min	18:47	19:16	19:52	20:32
	2	2:21	3:05	3:44	4:15	14 hrs, 40 min	18:54	19:25	20:04	20:48		2	2:55	3:34	4:09	4:39	14 hrs, 7 min	18:46	19:15	19:51	20:30
	3	2:21	3:04	3:43	4:14	14 hrs, 41 min	18:55	19:26	20:05	20:49		3	2:56	3:35	4:10	4:40	14 hrs, 5 min	18:45	19:14	19:50	20:29
	4	2:20	3:04	3:43	4:14	14 hrs, 42 min	18:56	19:27	20:06	20:50		4	2:57	3:36	4:11	4:41	14 hrs, 4 min	18:44	19:13	19:49	20:27
	5	2:19	3:03	3:42	4:14	14 hrs, 43 min	18:56	19:27	20:06	20:50		5	2:58	3:37	4:12	4:41	14 hrs, 2 min	18:43	19:12	19:47	20:26
	6	2:19	3:03	3:42	4:13	14 hrs, 43 min	18:57	19:28	20:07	20:51		6	3:00	3:38	4:13	4:42	14 hrs, 0 min	18:42	19:11	19:46	20:24
	7	2:18	3:03	3:42	4:13	14 hrs, 44 min	18:57	19:29	20:08	20:52		7	3:01	3:39	4:14	4:43	13 hrs, 58 min	18:41	19:10	19:45	20:23
	8	2:18	3:02	3:42	4:13	14 hrs, 45 min	18:58	19:29	20:09	20:53		8	3:02	3:40	4:15	4:44	13 hrs, 56 min	18:40	19:08	19:43	20:21
	9	2:17	3:02	3:41	4:13	14 hrs, 46 min	18:58	19:30	20:09	20:54		9	3:04	3:41	4:16	4:45	13 hrs, 54 min	18:38	19:07	19:42	20:19
	10	2:17	3:02	3:41	4:13	14 hrs, 46 min	18:59	19:30	20:10	20:55		10	3:05	3:42	4:17	4:46	13 hrs, 52 min	18:37	19:06	19:41	20:18
	11	2:17	3:01	3:41	4:12	14 hrs, 47 min	18:59	19:31	20:10	20:55		11	3:06	3:43	4:18	4:47	13 hrs, 49 min	18:36	19:05	19:39	20:16
	12	2:16	3:01	3:41	4:12	14 hrs, 48 min	19:00	19:31	20:11	20:56		12	3:08	3:44	4:19	4:48	13 hrs, 47 min	18:35	19:03	19:38	20:15
	13	2:16	3:01	3:41	4:12	14 hrs, 48 min	19:00	19:32	20:12	20:57		13	3:09	3:46	4:20	4:48	13 hrs, 45 min	18:34	19:02	19:36	20:13
	14	2:16	3:01	3:41	4:12	14 hrs, 49 min	19:01	19:32	20:12	20:57		14	3:10	3:47	4:21	4:49	13 hrs, 43 min	18:32	19:01	19:35	20:11
	15	2:16	3:01	3:41	4:12	14 hrs, 49 min	19:01	19:33	20:13	20:58		15	3:11	3:48	4:22	4:50	13 hrs, 41 min	18:31	18:59	19:34	20:10
	16	2:16	3:01	3:41	4:12	14 hrs, 49 min	19:02	19:33	20:13	20:58		16	3:13	3:49	4:23	4:51	13 hrs, 39 min	18:30	18:58	19:32	20:08
	17	2:16	3:01	3:41	4:12	14 hrs, 50 min	19:02	19:34	20:13	20:59		17	3:14	3:50	4:24	4:52	13 hrs, 37 min	18:29	18:57	19:31	20:06
	18	2:16	3:01	3:41	4:12	14 hrs, 50 min	19:02	19:34	20:14	20:59		18	3:15	3:51	4:25	4:53	13 hrs, 34 min	18:27	18:55	19:29	20:05
	19	2:16	3:01	3:41	4:13	14 hrs, 50 min	19:03	19:34	20:14	20:59		19	3:17	3:52	4:26	4:54	13 hrs, 32 min	18:26	18:54	19:27	20:03
	20	2:16	3:01	3:41	4:13	14 hrs, 50 min	19:03	19:35	20:14	21:00		20	3:18	3:53	4:27	4:55	13 hrs, 30 min	18:25	18:52	19:26	20:01
	21	2:16	3:01	3:41	4:13	14 hrs, 50 min	19:03	19:35	20:15	21:00		21	3:19	3:54	4:28	4:55	13 hrs, 28 min	18:23	18:51	19:24	20:00
	22	2:16	3:02	3:41	4:13	14 hrs, 50 min	19:03	19:35	20:15	21:00		22	3:20	3:55	4:29	4:56	13 hrs, 26 min	18:22	18:50	19:23	19:58
	23	2:16	3:02	3:42	4:13	14 hrs, 50 min	19:03	19:35	20:15	21:00		23	3:22	3:56	4:30	4:57	13 hrs, 23 min	18:21	18:48	19:21	19:56
	24	2:17	3:02	3:42	4:14	14 hrs, 50 min	19:04	19:35	20:15	21:01		24	3:23	3:57	4:31	4:58	13 hrs, 21 min	18:19	18:47	19:20	19:54
	25	2:17	3:02	3:42	4:14	14 hrs, 50 min	19:04	19:35	20:15	21:01		25	3:24	3:59	4:31	4:59	13 hrs, 19 min	18:18	18:45	19:18	19:53
	26	2:17	3:03	3:43	4:14	14 hrs, 50 min	19:04	19:36	20:15	21:01		26	3:25	4:00	4:32	5:00	13 hrs, 16 min	18:16	18:44	19:16	19:51
	27	2:18	3:03	3:43	4:15	14 hrs, 49 min	19:04	19:36	20:15												

Sunrise, Sunset, and Twilight Information: September–December

Sendai, Japan

38° 18' 00" N 140° 54' 00" E

Date	Astronomical Twilight Begins	Nautical Twilight Begins	Civil Twilight Begins	Sunrise	Duration of Daylight	Sunset	Civil Twilight Ends	Nautical Twilight Ends	Astronomical Twilight Ends
1	3:32	4:06	4:38	5:05	13 hrs, 2 min	18:07	18:35	19:07	19:40
2	3:33	4:07	4:39	5:06	13 hrs, 0 min	18:06	18:33	19:05	19:38
3	3:35	4:08	4:40	5:07	12 hrs, 58 min	18:04	18:31	19:03	19:37
4	3:36	4:09	4:41	5:08	12 hrs, 55 min	18:03	18:30	19:02	19:35
5	3:37	4:10	4:42	5:09	12 hrs, 53 min	18:01	18:28	19:00	19:33
6	3:38	4:11	4:43	5:09	12 hrs, 50 min	18:00	18:27	18:58	19:31
7	3:39	4:12	4:43	5:10	12 hrs, 48 min	17:58	18:25	18:57	19:30
8	3:40	4:13	4:44	5:11	12 hrs, 46 min	17:57	18:24	18:55	19:28
9	3:41	4:14	4:45	5:12	12 hrs, 43 min	17:55	18:22	18:54	19:26
10	3:42	4:15	4:46	5:13	12 hrs, 41 min	17:54	18:20	18:52	19:24
11	3:43	4:16	4:47	5:14	12 hrs, 38 min	17:52	18:19	18:50	19:22
12	3:44	4:17	4:48	5:15	12 hrs, 36 min	17:51	18:17	18:49	19:21
13	3:45	4:18	4:49	5:16	12 hrs, 33 min	17:49	18:16	18:47	19:19
14	3:46	4:19	4:50	5:16	12 hrs, 31 min	17:47	18:14	18:45	19:17
15	3:48	4:19	4:51	5:17	12 hrs, 29 min	17:46	18:12	18:44	19:15
16	3:49	4:20	4:52	5:18	12 hrs, 26 min	17:44	18:11	18:42	19:14
17	3:50	4:21	4:52	5:19	12 hrs, 24 min	17:43	18:09	18:40	19:12
18	3:51	4:22	4:53	5:20	12 hrs, 21 min	17:41	18:08	18:39	19:10
19	3:52	4:23	4:54	5:21	12 hrs, 19 min	17:39	18:06	18:37	19:08
20	3:53	4:24	4:55	5:22	12 hrs, 16 min	17:38	18:04	18:35	19:07
21	3:54	4:25	4:56	5:22	12 hrs, 14 min	17:36	18:03	18:34	19:05
22	3:55	4:26	4:57	5:23	12 hrs, 11 min	17:35	18:01	18:32	19:03
23	3:56	4:27	4:58	5:24	12 hrs, 9 min	17:33	18:00	18:30	19:02
24	3:57	4:28	4:59	5:25	12 hrs, 6 min	17:32	17:58	18:29	19:00
25	3:58	4:29	5:00	5:26	12 hrs, 4 min	17:30	17:56	18:27	18:58
26	3:59	4:30	5:01	5:27	12 hrs, 2 min	17:28	17:55	18:26	18:57
27	4:00	4:31	5:01	5:28	11 hrs, 59 min	17:27	17:53	18:24	18:55
28	4:01	4:32	5:02	5:29	11 hrs, 57 min	17:25	17:52	18:22	18:53
29	4:02	4:33	5:03	5:30	11 hrs, 54 min	17:24	17:50	18:21	18:52
30	4:02	4:33	5:04	5:30	11 hrs, 52 min	17:22	17:49	18:19	18:50

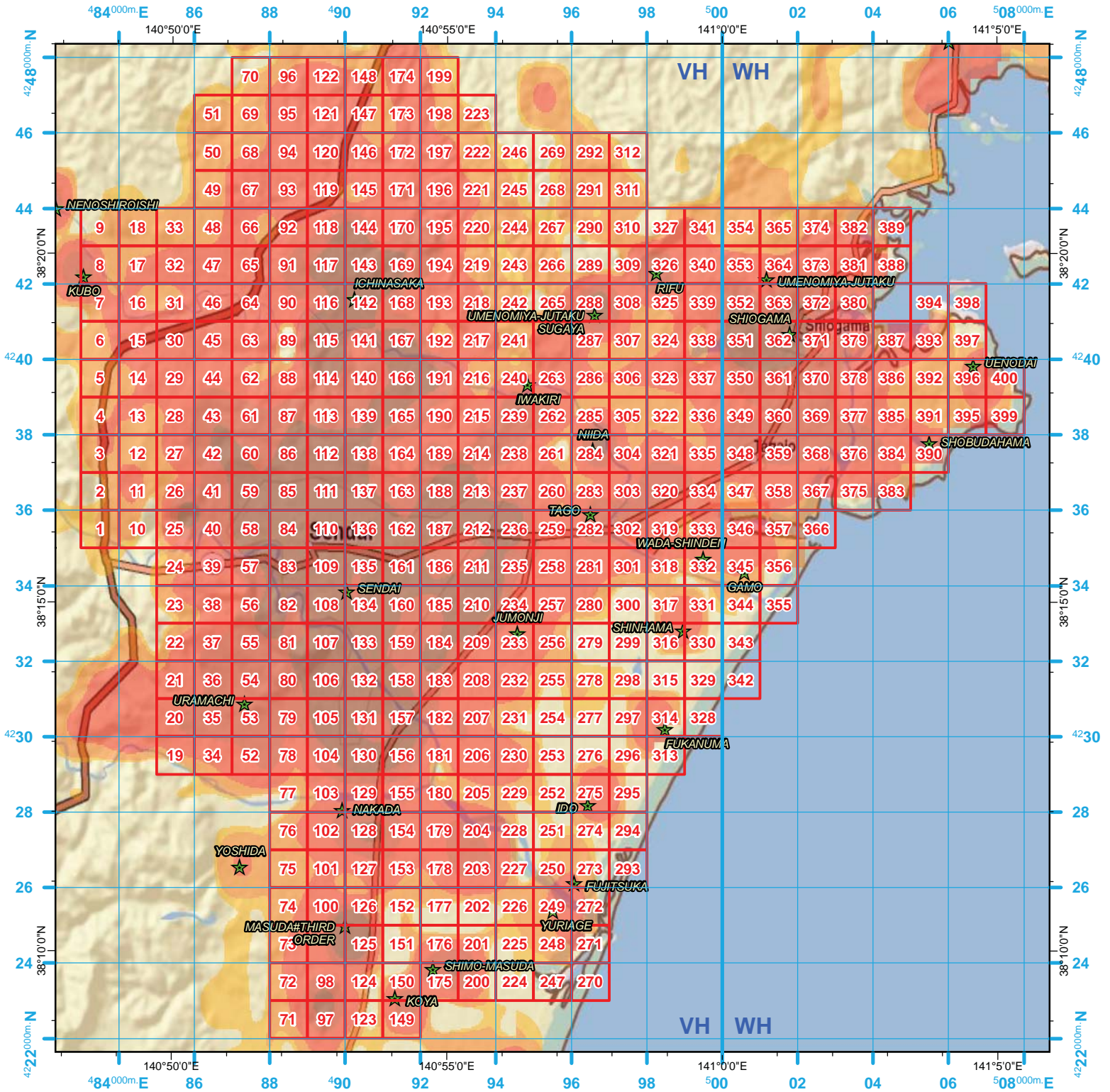
Date	Astronomical Twilight Begins	Nautical Twilight Begins	Civil Twilight Begins	Sunrise	Duration of Daylight	Sunset	Civil Twilight Ends	Nautical Twilight Ends	Astronomical Twilight Ends
1	4:32	5:03	5:34	6:02	10 hrs, 36 min	16:38	17:05	17:36	18:07
2	4:33	5:04	5:35	6:03	10 hrs, 34 min	16:37	17:04	17:35	18:06
3	4:34	5:05	5:36	6:04	10 hrs, 32 min	16:36	17:03	17:34	18:05
4	4:35	5:06	5:37	6:05	10 hrs, 30 min	16:35	17:02	17:33	18:04
5	4:36	5:07	5:38	6:06	10 hrs, 28 min	16:34	17:01	17:32	18:03
6	4:37	5:08	5:39	6:07	10 hrs, 25 min	16:33	17:00	17:32	18:03
7	4:38	5:09	5:40	6:08	10 hrs, 23 min	16:32	16:59	17:31	18:02
8	4:39	5:10	5:42	6:09	10 hrs, 21 min	16:31	16:58	17:30	18:01
9	4:40	5:11	5:43	6:10	10 hrs, 19 min	16:30	16:57	17:29	18:00
10	4:41	5:12	5:44	6:11	10 hrs, 17 min	16:29	16:57	17:28	17:59
11	4:42	5:13	5:45	6:13	10 hrs, 15 min	16:28	16:56	17:27	17:59
12	4:43	5:14	5:46	6:14	10 hrs, 13 min	16:27	16:55	17:27	17:58
13	4:44	5:15	5:47	6:15	10 hrs, 11 min	16:26	16:54	17:26	17:57
14	4:45	5:16	5:48	6:16	10 hrs, 10 min	16:25	16:53	17:25	17:57
15	4:46	5:17	5:49	6:17	10 hrs, 8 min	16:25	16:53	17:25	17:56
16	4:47	5:18	5:50	6:18	10 hrs, 6 min	16:24	16:52	17:24	17:55
17	4:47	5:19	5:51	6:19	10 hrs, 4 min	16:23	16:51	17:23	17:55
18	4:48	5:20	5:52	6:20	10 hrs, 2 min	16:22	16:51	17:23	17:54
19	4:49	5:21	5:53	6:21	10 hrs, 1 min	16:22	16:50	17:22	17:54
20	4:50	5:22	5:54	6:22	9 hrs, 59 min	16:21	16:50	17:22	17:53
21	4:51	5:23	5:55	6:23	9 hrs, 57 min	16:21	16:49	17:21	17:53
22	4:52	5:24	5:56	6:24	9 hrs, 56 min	16:20	16:49	17:21	17:52
23	4:53	5:24	5:57	6:25	9 hrs, 54 min	16:19	16:48	17:21	17:52
24	4:54	5:25	5:58	6:26	9 hrs, 53 min	16:19	16:48	17:20	17:52
25	4:55	5:26	5:59	6:28	9 hrs, 51 min	16:19	16:47	17:20	17:51
26	4:56	5:27	6:00	6:29	9 hrs, 50 min	16:18	16:47	17:19	17:51
27	4:57	5:28	6:01	6:30	9 hrs, 48 min	16:18	16:47	17:19	17:51
28	4:57	5:29	6:02	6:31	9 hrs, 47 min	16:17	16:46	17:19	17:51
29	4:58	5:30	6:03	6:32	9 hrs, 45 min	16:17	16:46	17:19	17:51
30	4:59	5:31	6:04	6:33	9 hrs, 44 min	16:17	16:46	17:19	17:50

Date	Astronomical Twilight Begins	Nautical Twilight Begins	Civil Twilight Begins	Sunrise	Duration of Daylight	Sunset	Civil Twilight Ends	Nautical Twilight Ends	Astronomical Twilight Ends
1	4:03	4:34	5:05	5:31	11 hrs, 49 min	17:21	17:47	18:18	18:49
2	4:04	4:35	5:06	5:32	11 hrs, 47 min	17:19	17:45	18:16	18:47
3	4:05	4:36	5:07	5:33	11 hrs, 44 min	17:18	17:44	18:15	18:45
4	4:06	4:37	5:08	5:34	11 hrs, 42 min	17:16	17:42	18:13	18:44
5	4:07	4:38	5:09	5:35	11 hrs, 39 min	17:14	17:41	18:11	18:42
6	4:08	4:39	5:10	5:36	11 hrs, 37 min	17:13	17:39	18:10	18:41
7	4:09	4:40	5:10	5:37	11 hrs, 35 min	17:11	17:38	18:08	18:39
8	4:10	4:41	5:11	5:38	11 hrs, 32 min	17:10	17:36	18:07	18:38
9	4:11	4:42	5:12	5:39	11 hrs, 30 min	17:08	17:35	18:05	18:36
10	4:12	4:43	5:13	5:40	11 hrs, 27 min	17:07	17:33	18:04	18:35
11	4:13	4:44	5:14	5:41	11 hrs, 25 min	17:05	17:32	18:03	18:33
12	4:14	4:44	5:15	5:42	11 hrs, 22 min	17:04	17:31	18:01	18:32
13	4:15	4:45	5:16	5:42	11 hrs, 20 min	17:03	17:29	18:00	18:30
14	4:16	4:46	5:17	5:43	11 hrs, 18 min	17:01	17:28	17:58	18:29
15	4:17	4:47	5:18	5:44	11 hrs, 15 min	17:00	17:26	17:57	18:28
16	4:18	4:48	5:19	5:45	11 hrs, 13 min	16:58	17:25	17:56	18:26
17	4:18	4:49	5:20	5:46	11 hrs, 10 min	16:57	17:24	17:54	18:25
18	4:19	4:50	5:21	5:47	11 hrs, 8 min	16:55	17:22	17:53	18:23
19	4:20	4:51	5:22	5:48	11 hrs, 6 min	16:54	17:21	17:52	18:22
20	4:21	4:52	5:23	5:49	11 hrs, 3 min	16:53	17:20	17:50	18:21
21	4:22	4:53	5:24	5:50	11 hrs, 1 min	16:51	17:18	17:49	18:20
22	4:23	4:54	5:25	5:51	10 hrs, 59 min	16:50	17:17	17:48	18:18
23	4:24	4:55	5:25	5:52	10 hrs, 56 min	16:49	17:16	17:47	18:17
24	4:25	4:56	5:26	5:53	10 hrs, 54 min	16:47	17:14	17:45	18:16
25	4:26	4:57	5:27	5:54	10 hrs, 52 min	16:46	17:13	17:44	18:15
26	4:27	4:57	5:28	5:55	10 hrs, 49 min	16:45	17:12	17:43	18:14
27	4:28	4:58	5:29	5:56	10 hrs, 47 min	16:44	17:11	17:42	18:12
28	4:29	4:59	5:30	5:58	10 hrs, 45 min	16:42	17:10	17:41	18:11
29	4:30	5:00	5:31	5:59	10 hrs, 43 min	16:41	17:08	17:40	18:10
30	4:31	5:01	5:32	6:00	10 hrs, 40 min	16:40	17:07	17:38	18:09
31	4:32	5:02	5:33	6:01	10 hrs, 38 min	16:39	17:06	17:37	18:08

Date	Astronomical Twilight Begins	Nautical Twilight Begins	Civil Twilight Begins	Sunrise	Duration of Daylight	Sunset	Civil Twilight Ends	Nautical Twilight Ends	Astronomical Twilight Ends
1	5:00	5:32	6:04	6:34	9 hrs, 43 min	16:17	16:46	17:18	17:50
2	5:01	5:33	6:05	6:35	9 hrs, 42 min	16:16	16:46	17:18	17:50
3	5:02	5:34	6:06	6:36	9 hrs, 41 min	16:16	16:45	17:18	17:50
4	5:02	5:34	6:07	6:36	9 hrs, 40 min	16:16	16:45	17:18	17:50
5	5:03	5:35	6:08	6:37	9 hrs, 39 min	16:16	16:45	17:18	17:50
6	5:04	5:36	6:09	6:38	9 hrs, 38 min	16:16	16:45	17:18	17:50
7	5:05	5:37	6:10	6:39	9 hrs, 37 min	16:16	16:45	17:18	17:50
8	5:06	5:38	6:11	6:40	9 hrs, 36 min	16:16	16:45	17:18	17:50
9	5:06	5:38	6:11	6:41	9 hrs, 35 min	16:16	16:45	17:18	17:50
10	5:07	5:39	6:12	6:42	9 hrs, 34 min	16:16	16:45	17:19	17:51
11	5:08	5:40	6:13	6:43	9 hrs, 34 min	16:16	16:46	17:19	17:51
12	5:09	5:41	6:14	6:43	9 hrs, 33 min	16:16	16:46	17:19	17:51
13	5:09	5:41	6:14	6:44	9 hrs, 32 min	16:16	16:46	17:19	17:51
14	5:10	5:42	6:15	6:45	9 hrs, 32 min	16:17	16:46	17:19	17:52
15	5:11	5:43	6:16	6:46	9 hrs, 31 min	16:17	16:47	17:20	17:52
16	5:11	5:43	6:17	6:46	9 hrs, 31 min	16:17	16:47	17:20	17:52
17	5:12	5:44	6:17	6:47	9 hrs, 31 min	16:18	16:47	17:20	17:53
18	5:12	5:45	6:18	6:47	9 hrs, 30 min	16:18	16:48	17:21	17:53
19	5:13	5:45	6:18	6:48	9 hrs, 30 min	16:18	16:48	17:21	17:53
20	5:14	5:46	6:19	6:49	9 hrs, 30 min	16:19	16:48	17:22	17:54
21	5:14	5:46	6:20	6:49	9 hrs, 30 min	16:19	16:49	17:22	17:54
22	5:15	5:47	6:20	6:50	9 hrs, 30 min	16:20	16:49	17:23	17:55
23	5:15	5:47	6:21	6:50	9 hrs, 30 min	16:20	16:50	17:23	17:55
24	5:16	5:48	6:21	6:51	9 hrs, 30 min	16:21	16:50	17:24	17:56
25	5:16	5							

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2000-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH, WH
 Map / Vector Data Source:
 ESRI World StreetMap

MGRS
100,000-m Square Grid
500
VH WH
54S
Grid Zone Designation

Legend

Search Grid

Population Density
Persons per sq km

- 51 - 100
- 101 - 500
- 501 - 2,500
- 2501 - 5,000
- 5001 - 130,000

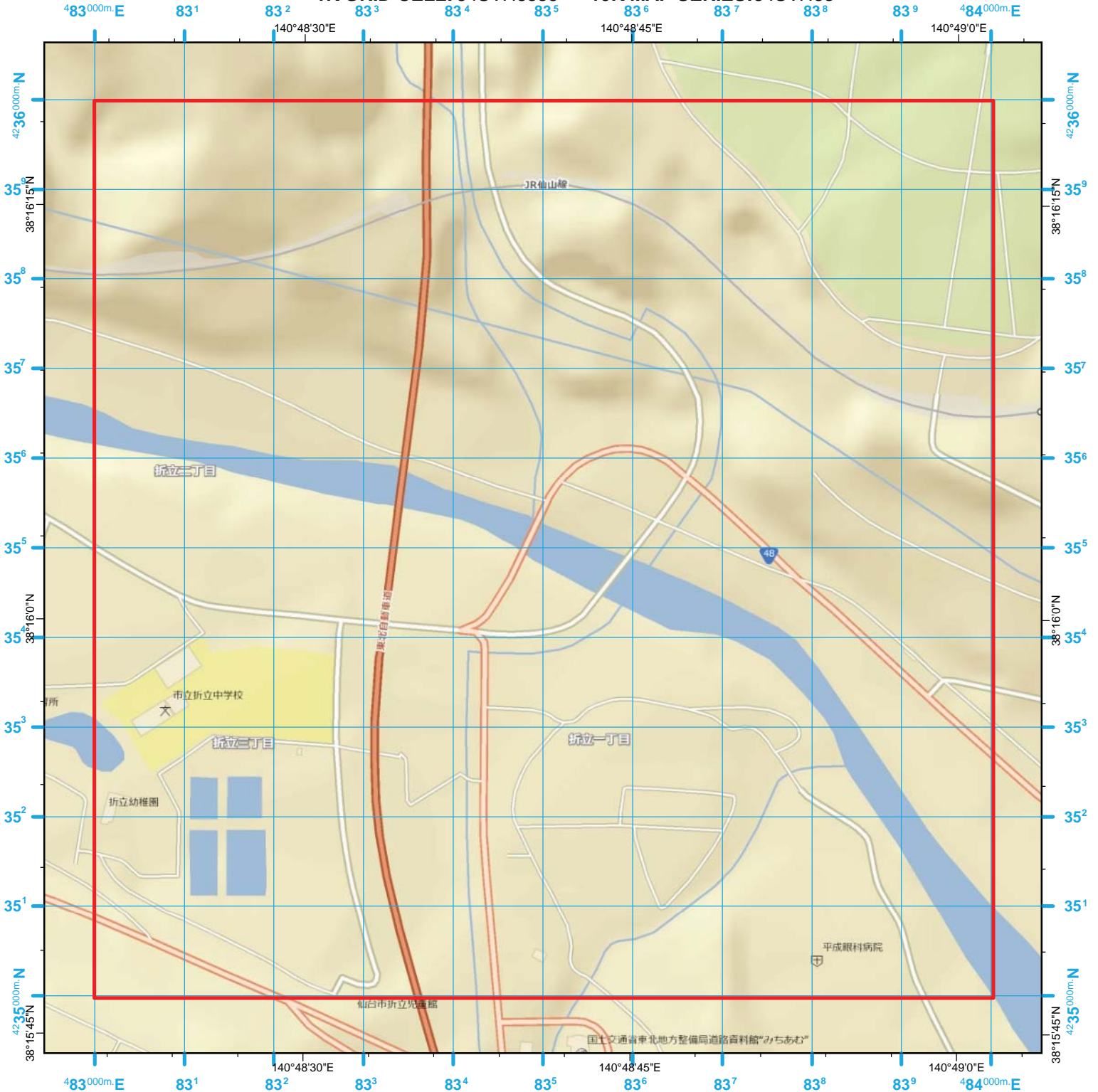
SENDAI, JAPAN



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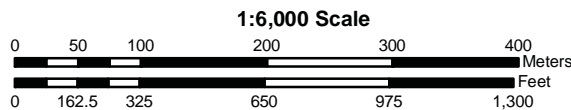
1K GRID CELL: 54SVH8335 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

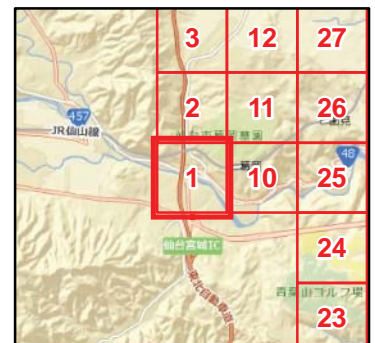
1:6,000 Scale

SENDAI, JAPAN



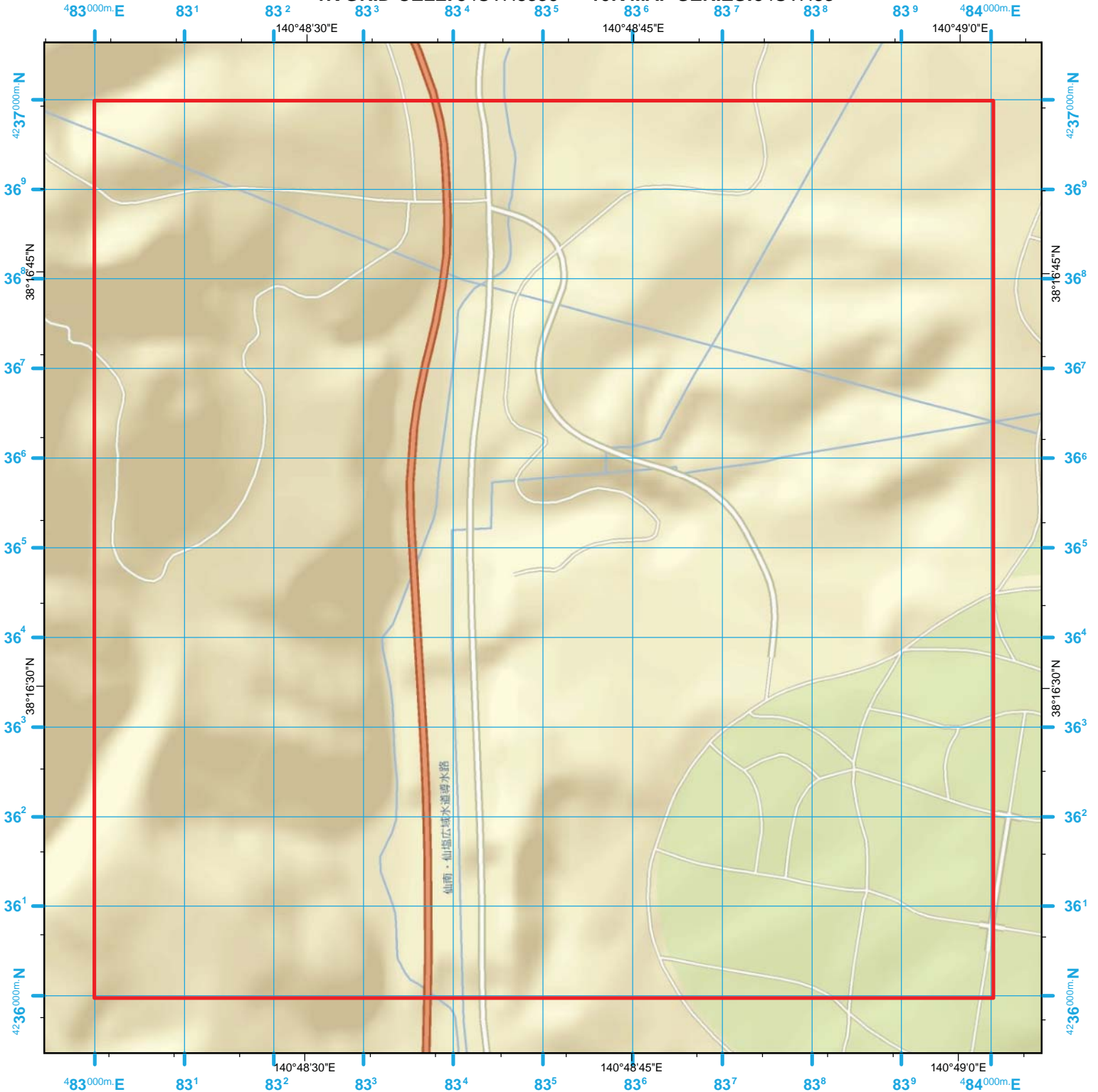
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SENDAI, JAPAN

1K GRID CELL: 54SVH8336 10K MAP SERIES: 54SVH83



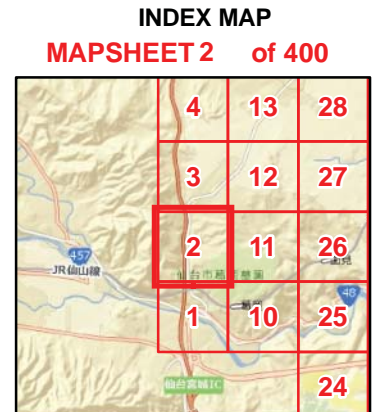
1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



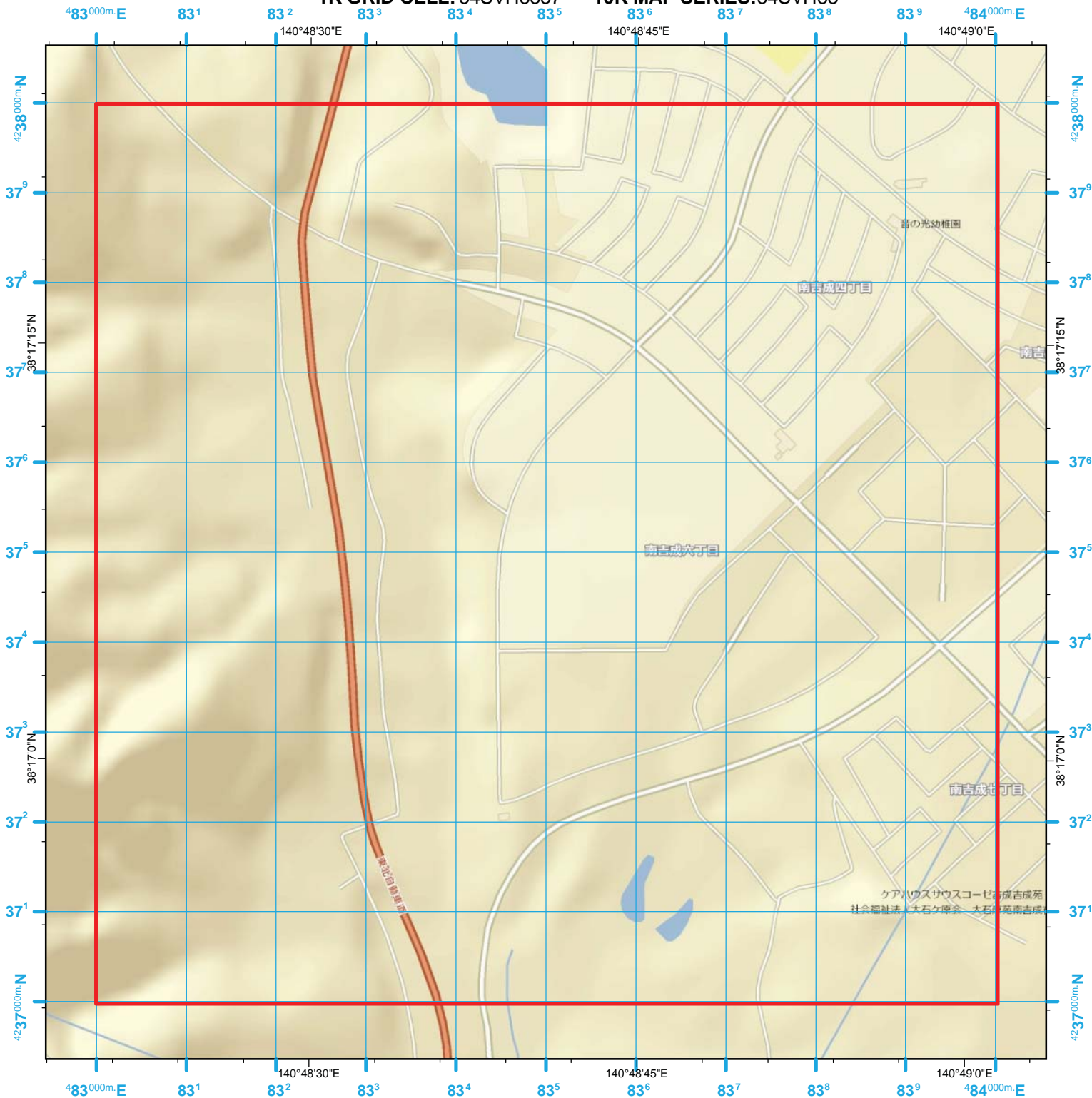
- Search Grid
- H Hospital
- P Police
- S School



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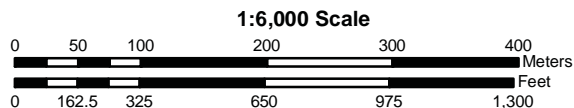
1K GRID CELL: 54SVH8337 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



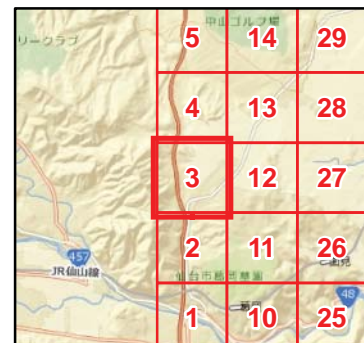
- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



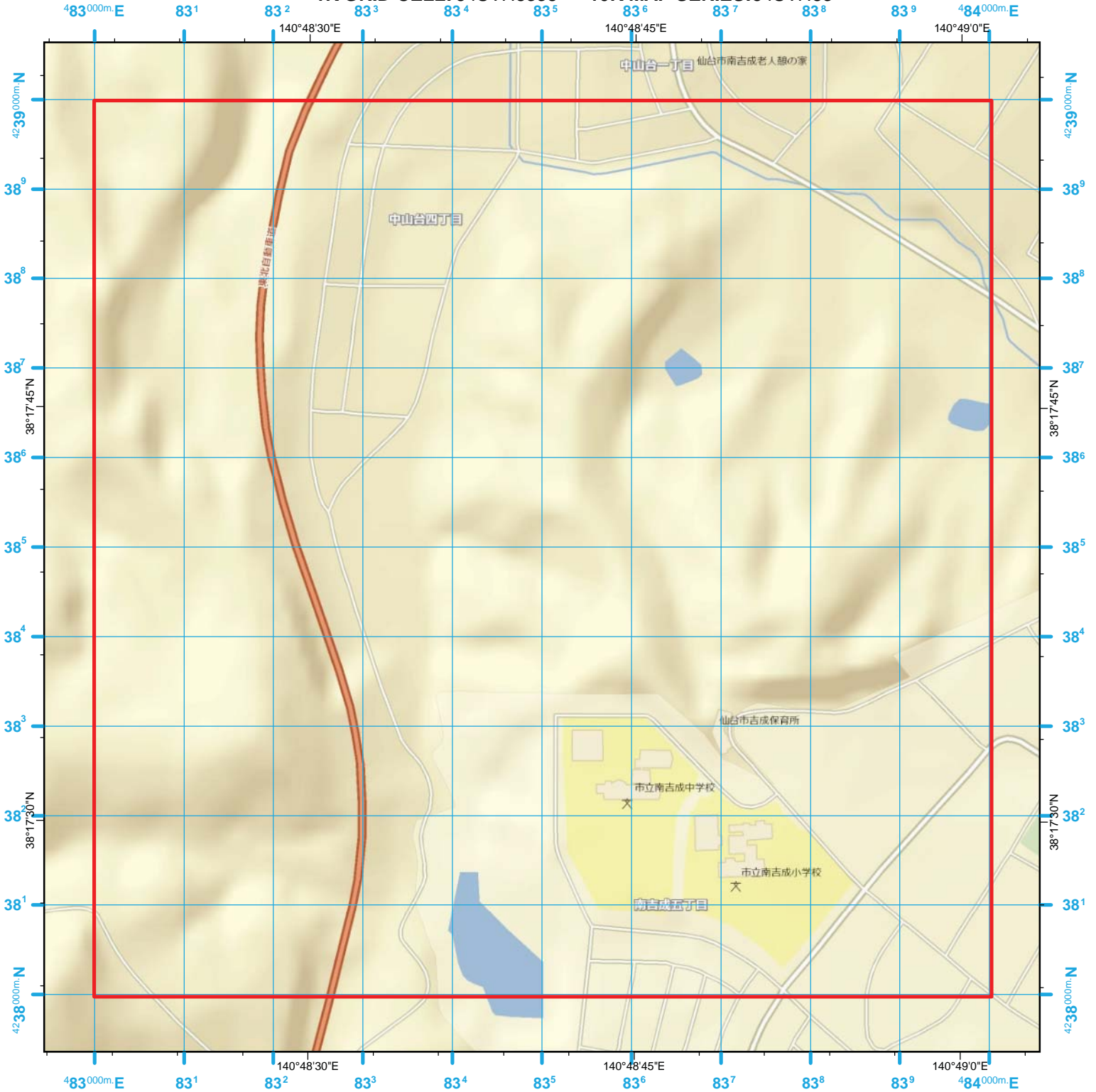
INDEX MAP

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SENDAI, JAPAN

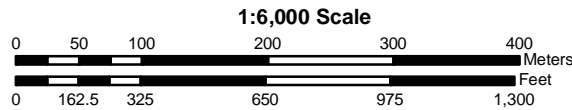
1K GRID CELL: 54SVH8338 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation

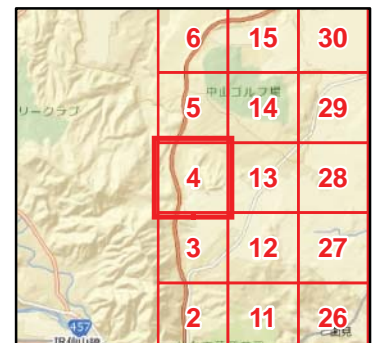


- Search Grid
- Hospital
- Police
- School



INDEX MAP

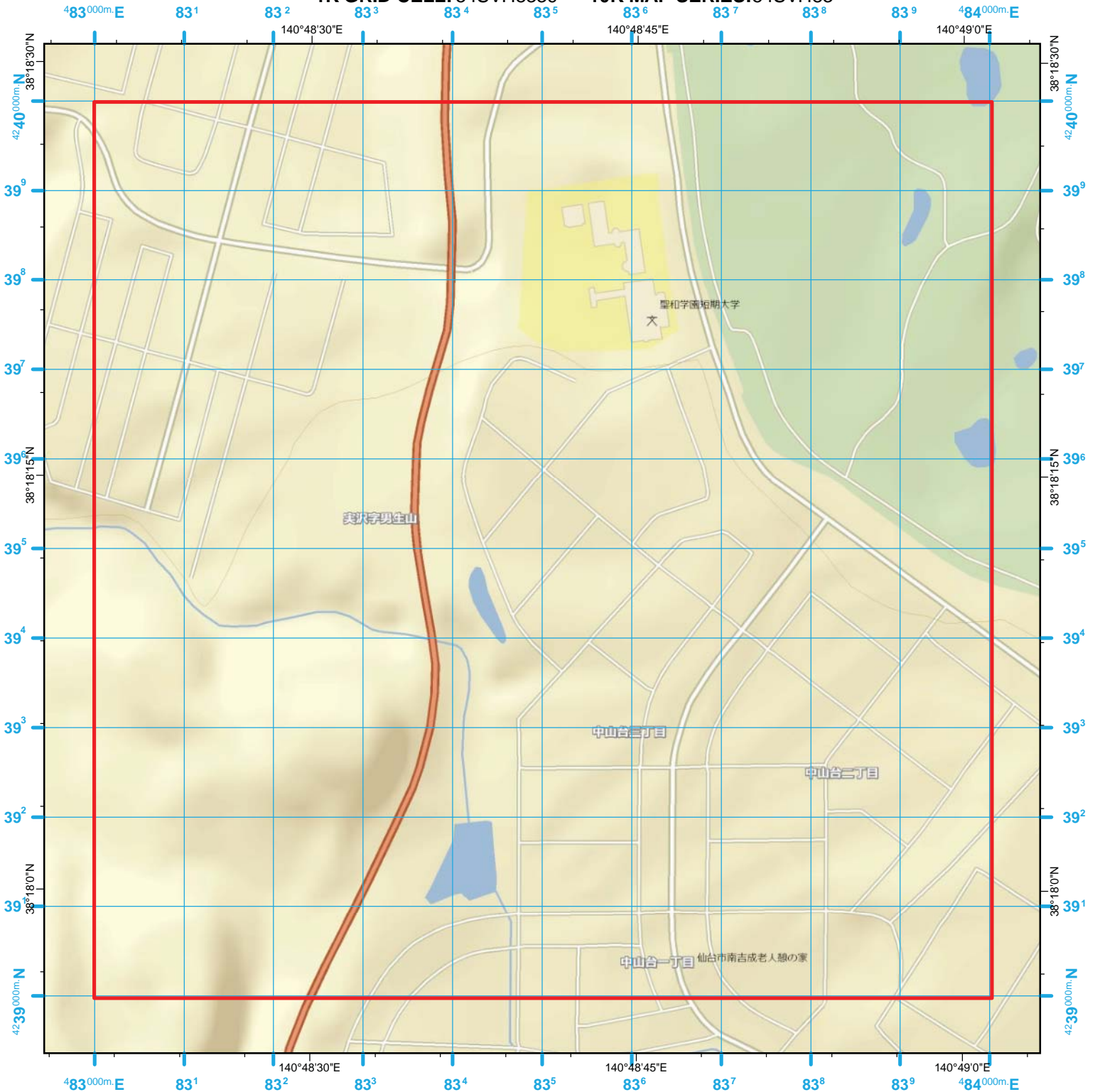
MAPSHEET 4 of 400



SENDAI, JAPAN

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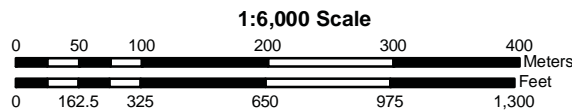
1K GRID CELL: 54SVH8339 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation

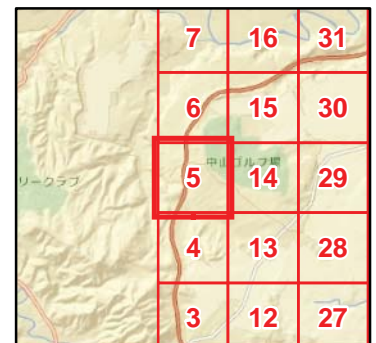


- Search Grid
- H Hospital
- P Police
- S School



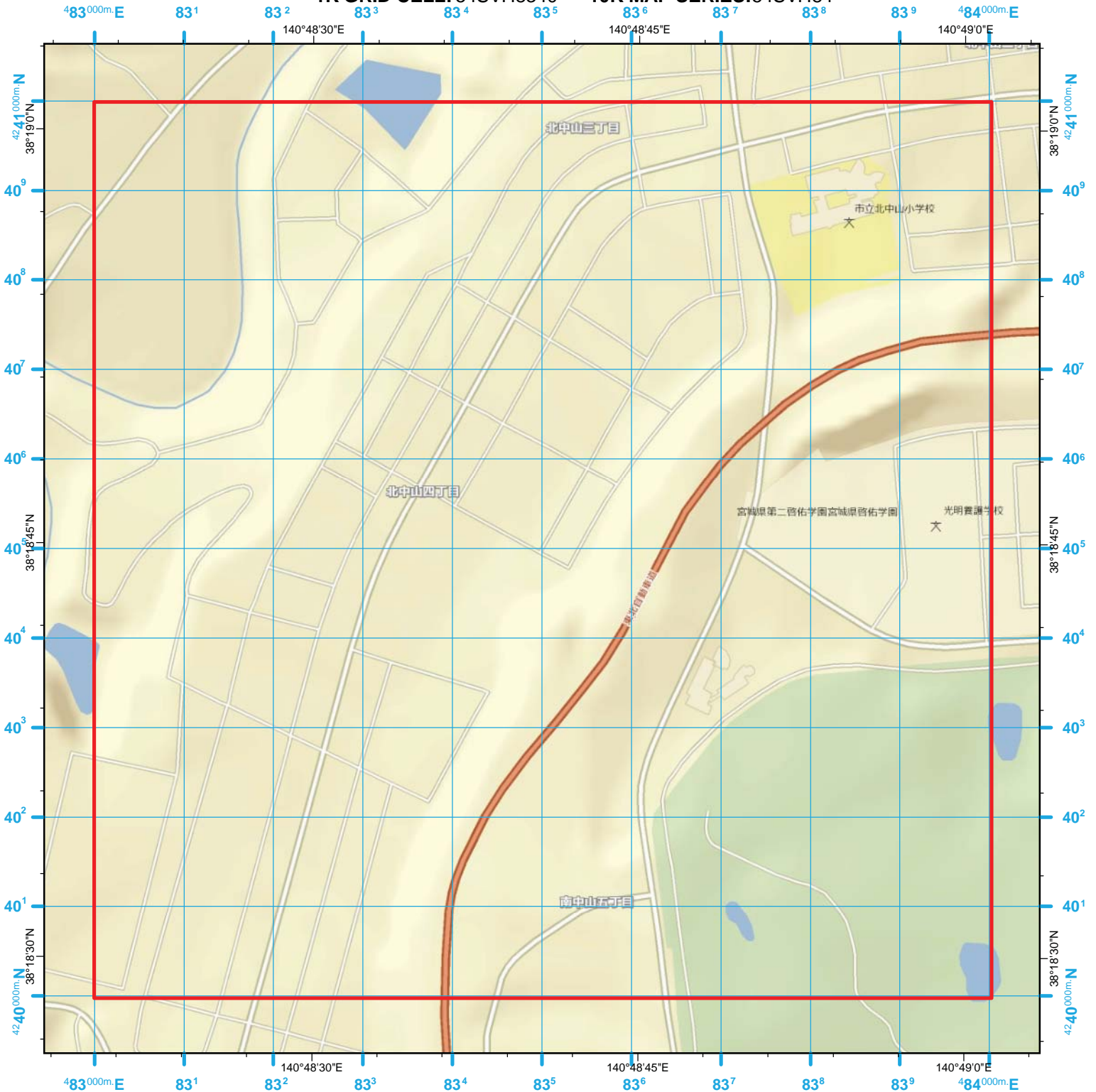
INDEX MAP

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SENDAI, JAPAN

1K GRID CELL: 54SVH8340 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation

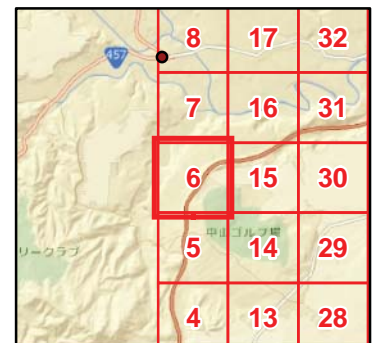


- Search Grid
- H Hospital
- P Police
- 🏫 School



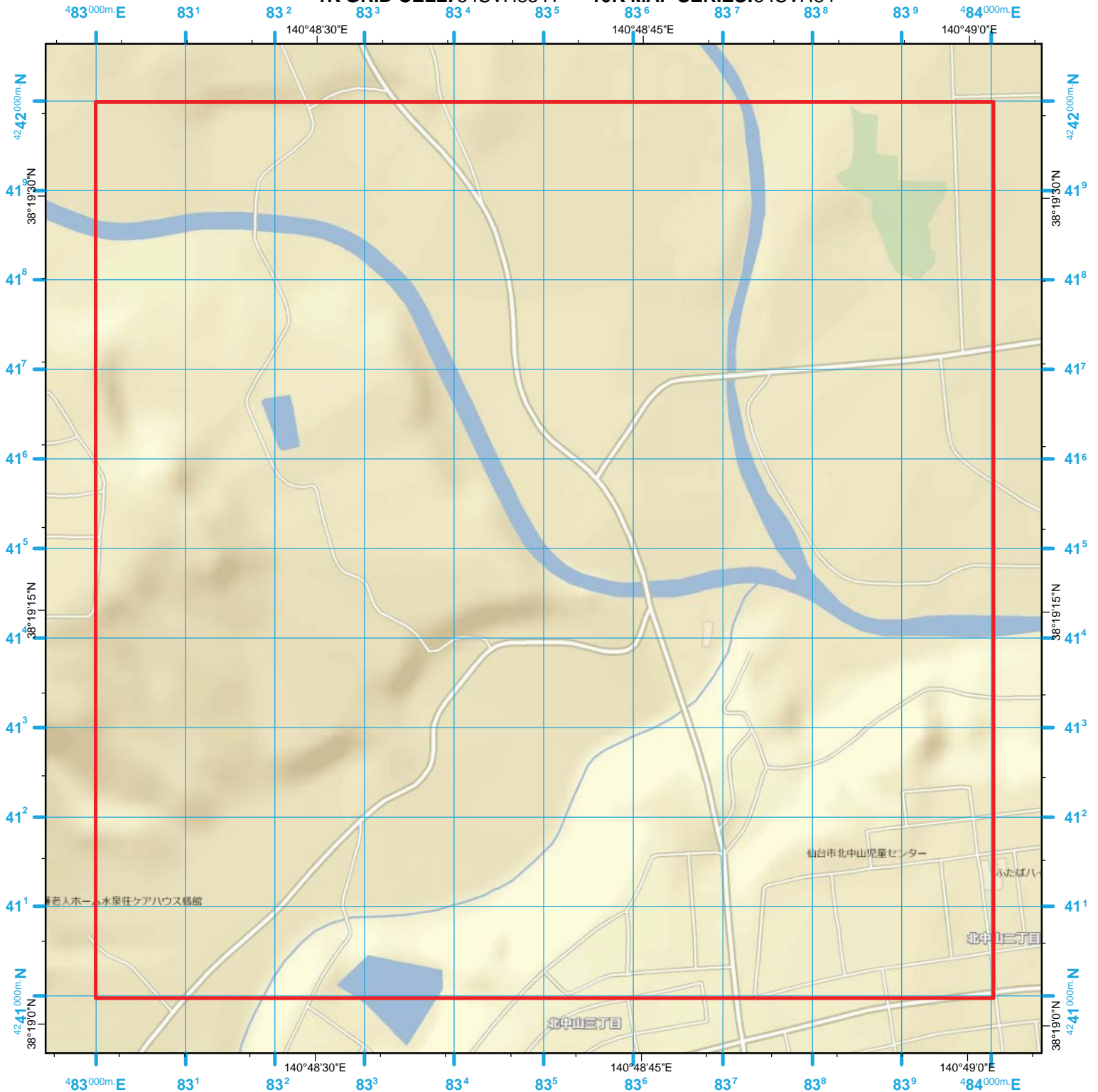
INDEX MAP

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SENDAI, JAPAN

1K GRID CELL: 54SVH8341 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



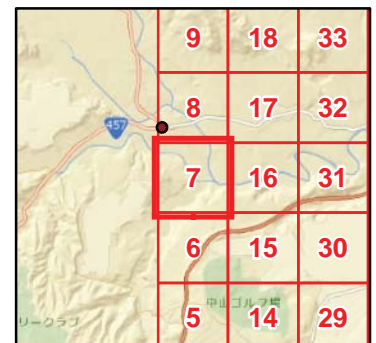
- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



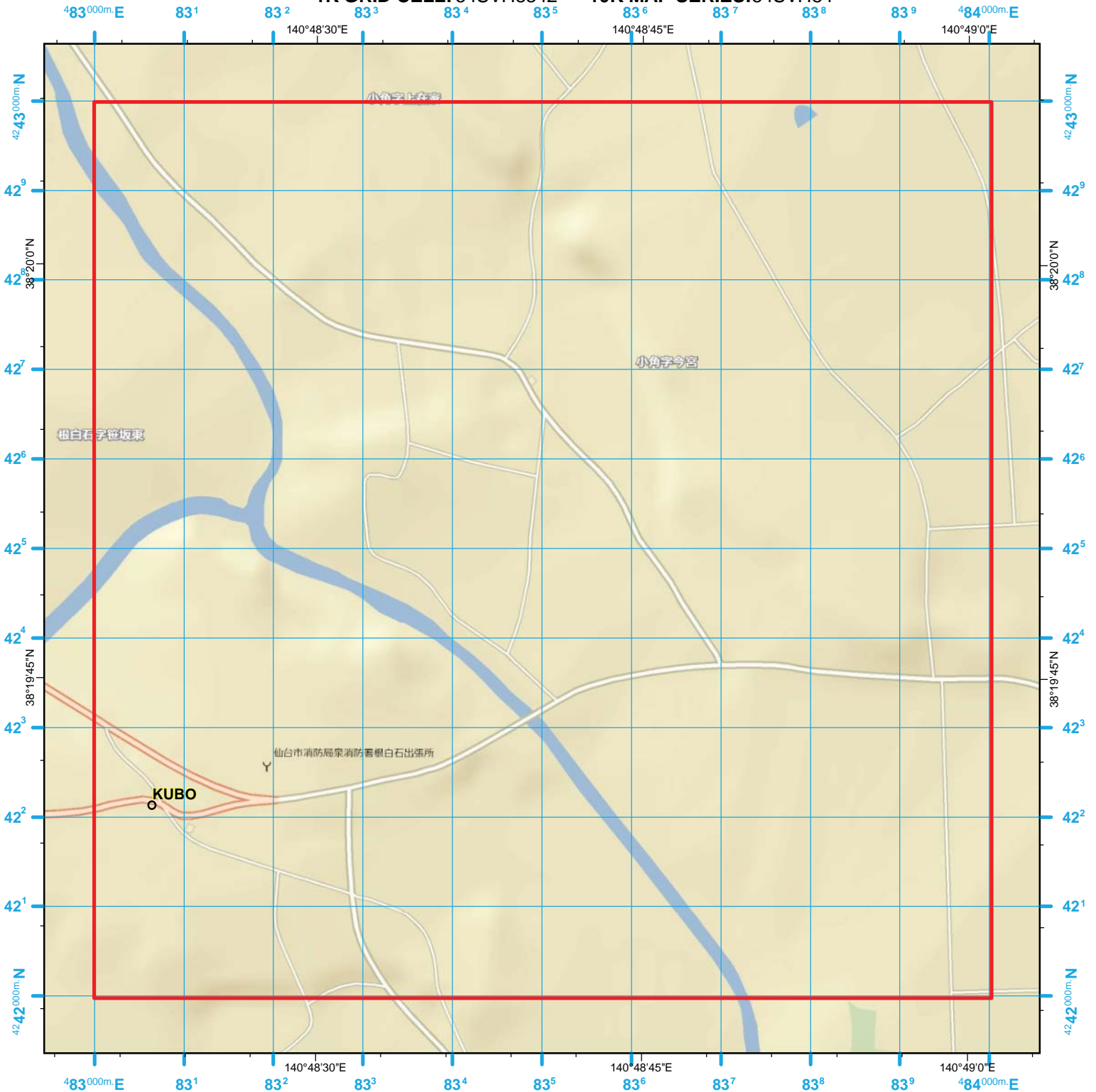
INDEX MAP

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SENDAI, JAPAN

1K GRID CELL: 54SVH8342 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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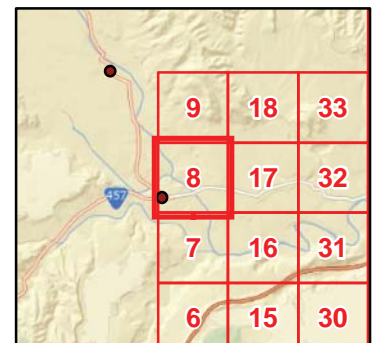
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

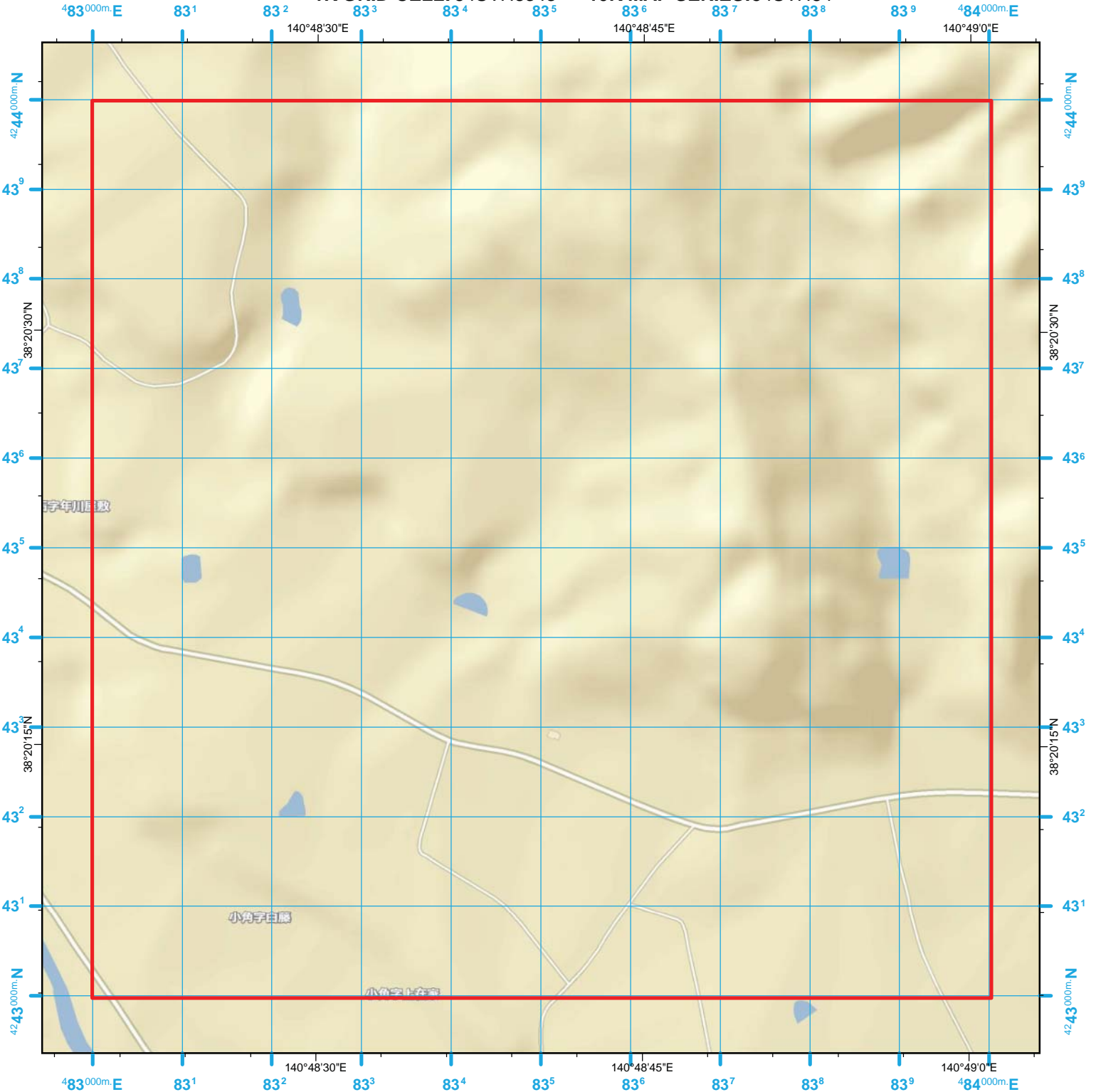
INDEX MAP

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SENDAI, JAPAN

1K GRID CELL: 54SVH8343 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation

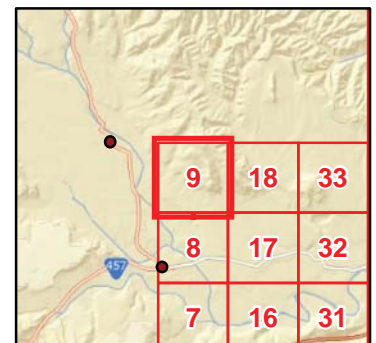


- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale

INDEX MAP

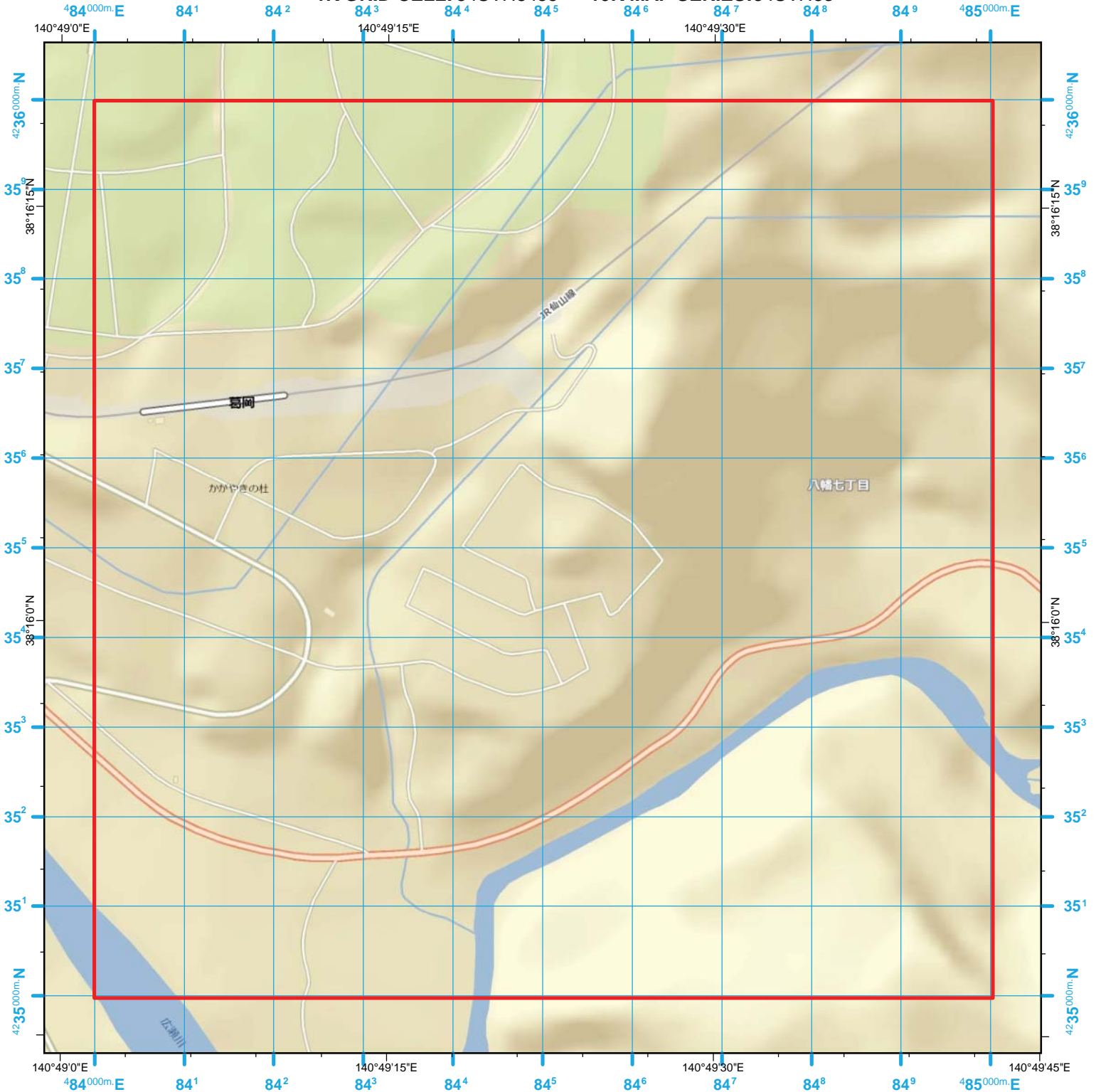
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1K GRID CELL: 54SVH8435 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

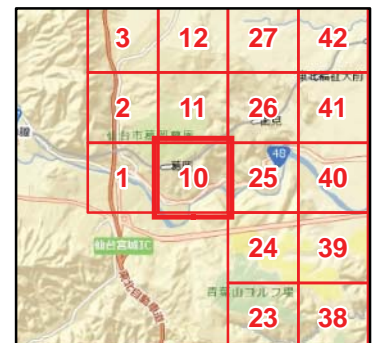
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



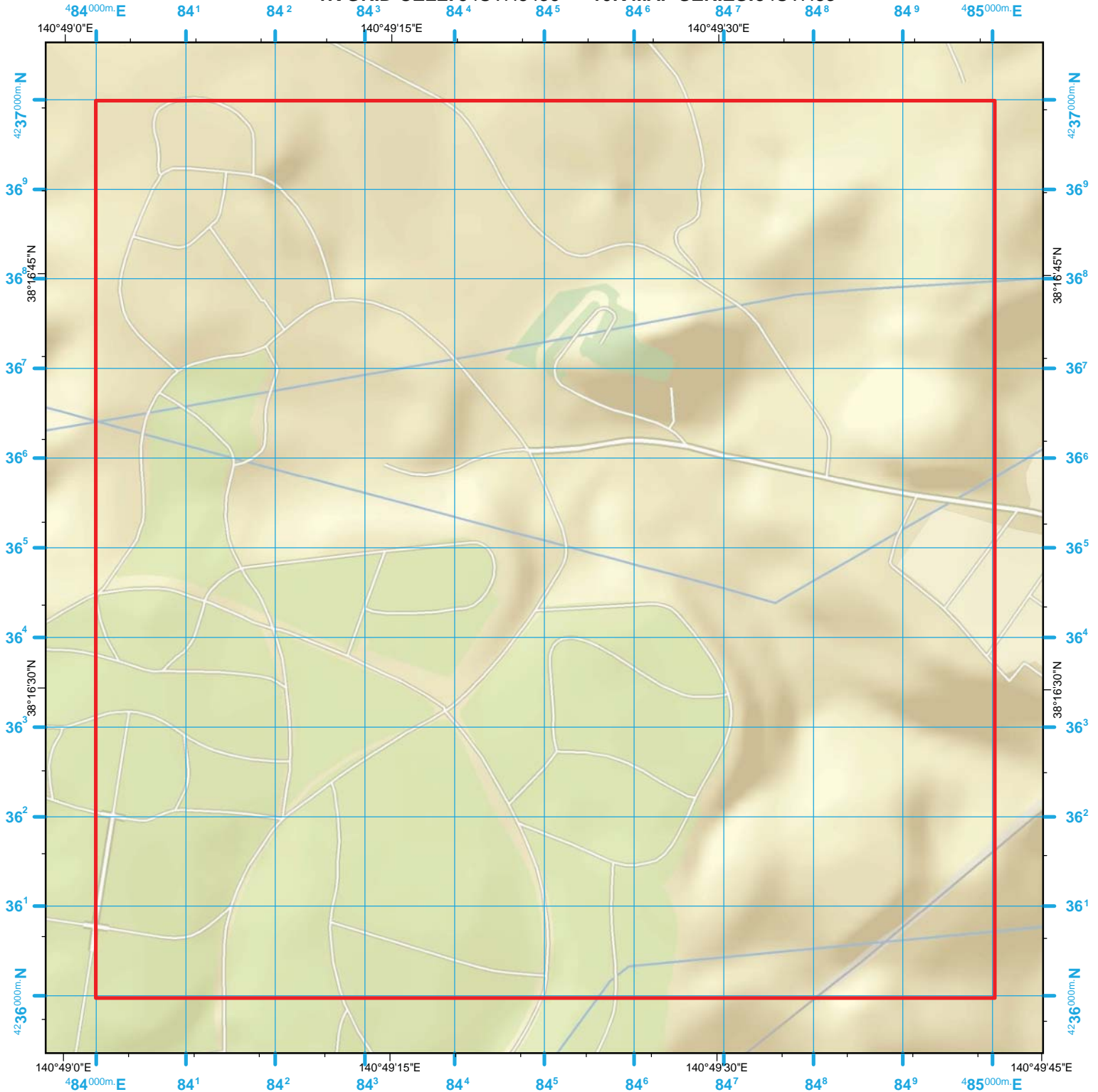
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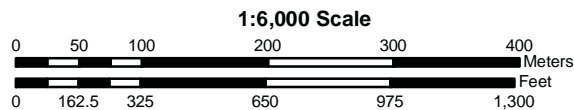
1K GRID CELL: 54SVH8436 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

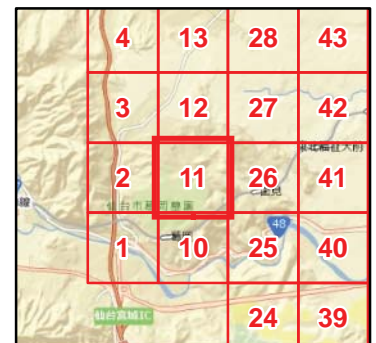
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



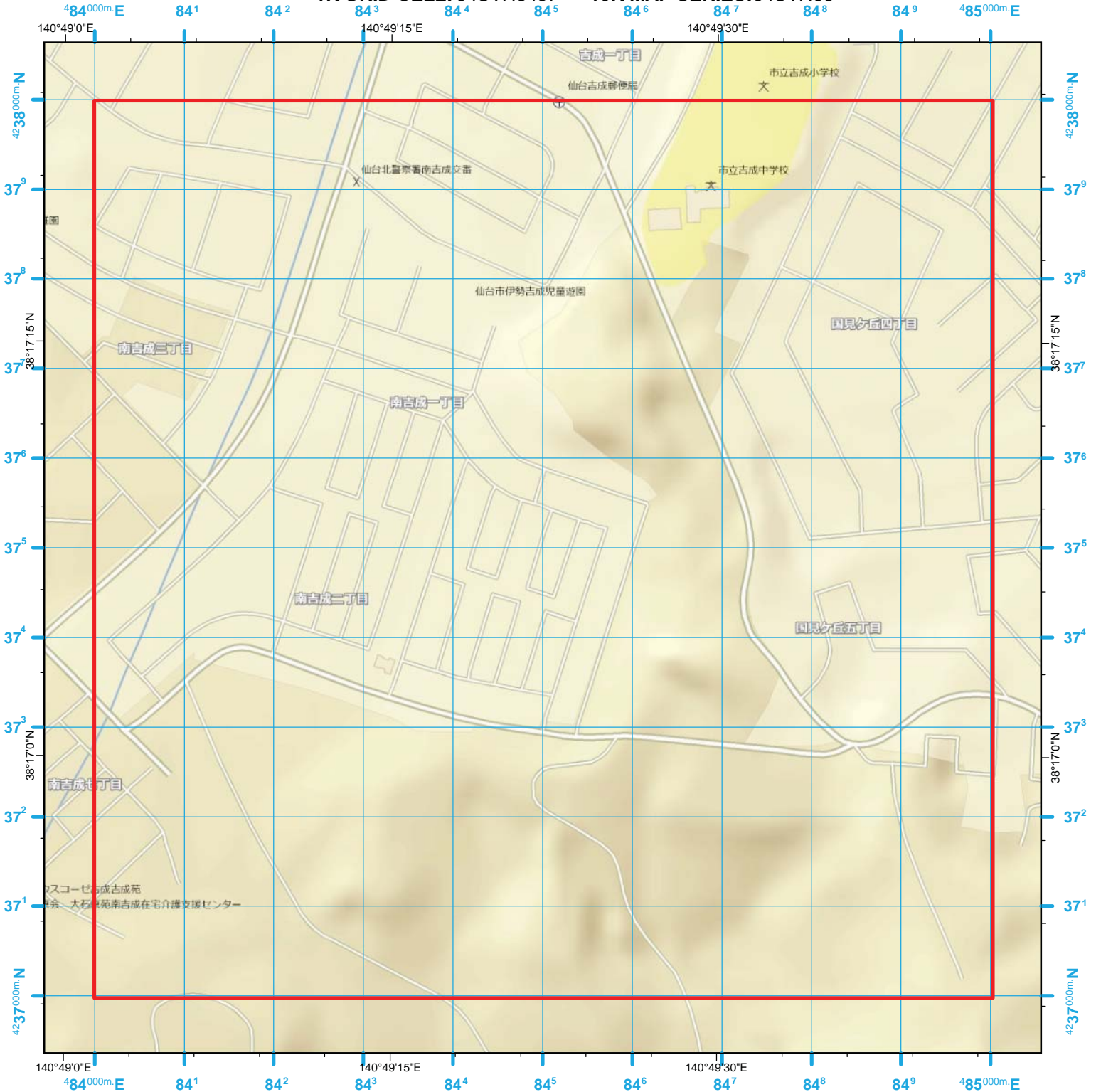
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SENDAI, JAPAN

UNCLASSIFIED//FOUO

1K GRID CELL: 54SVH8437 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

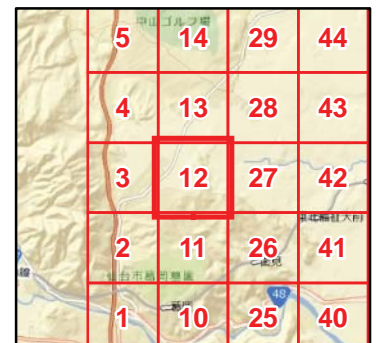
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



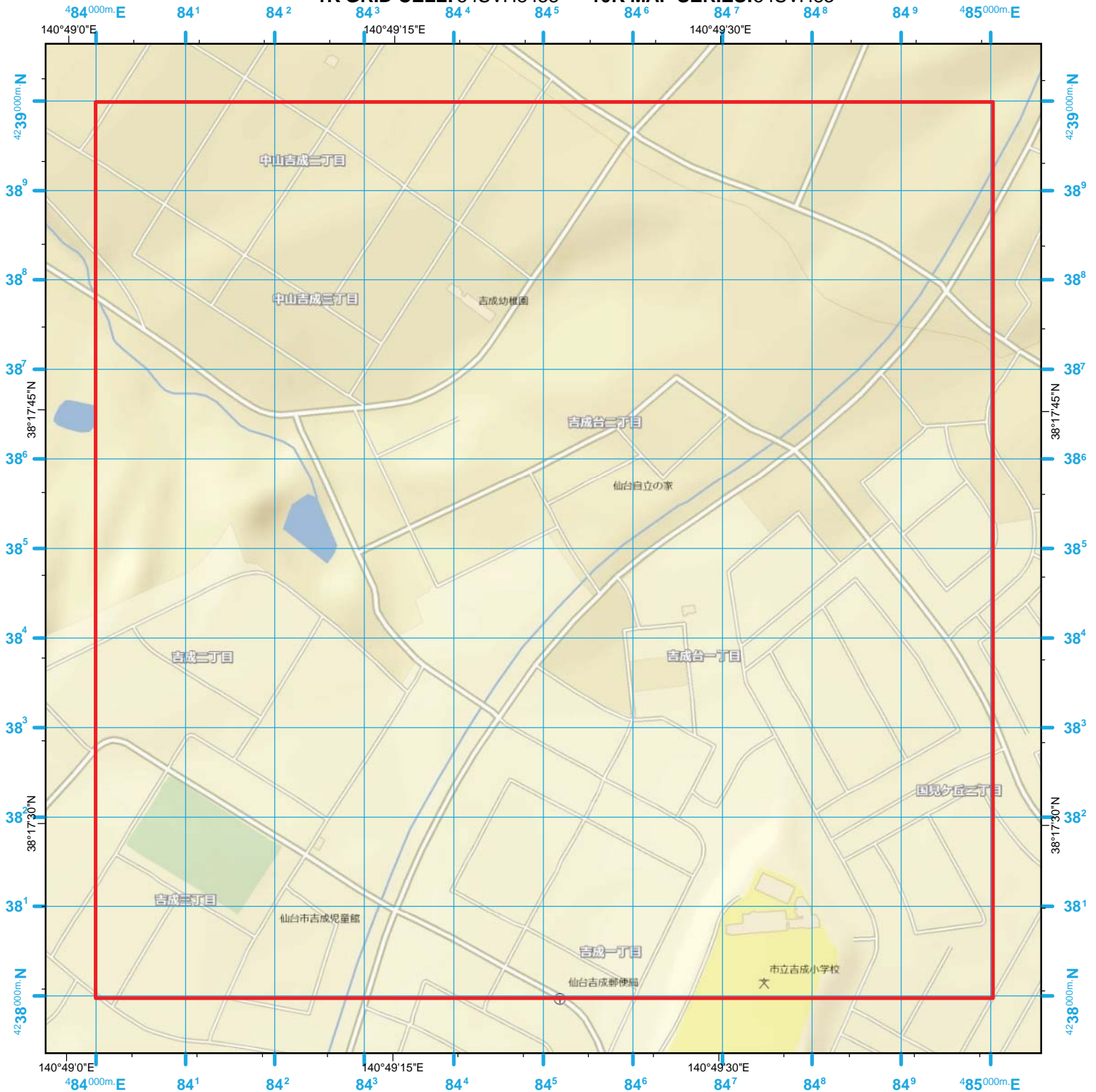
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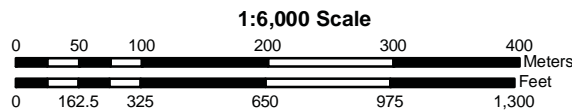
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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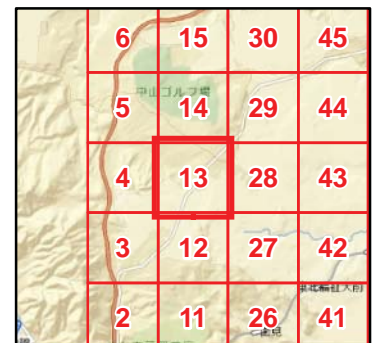
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

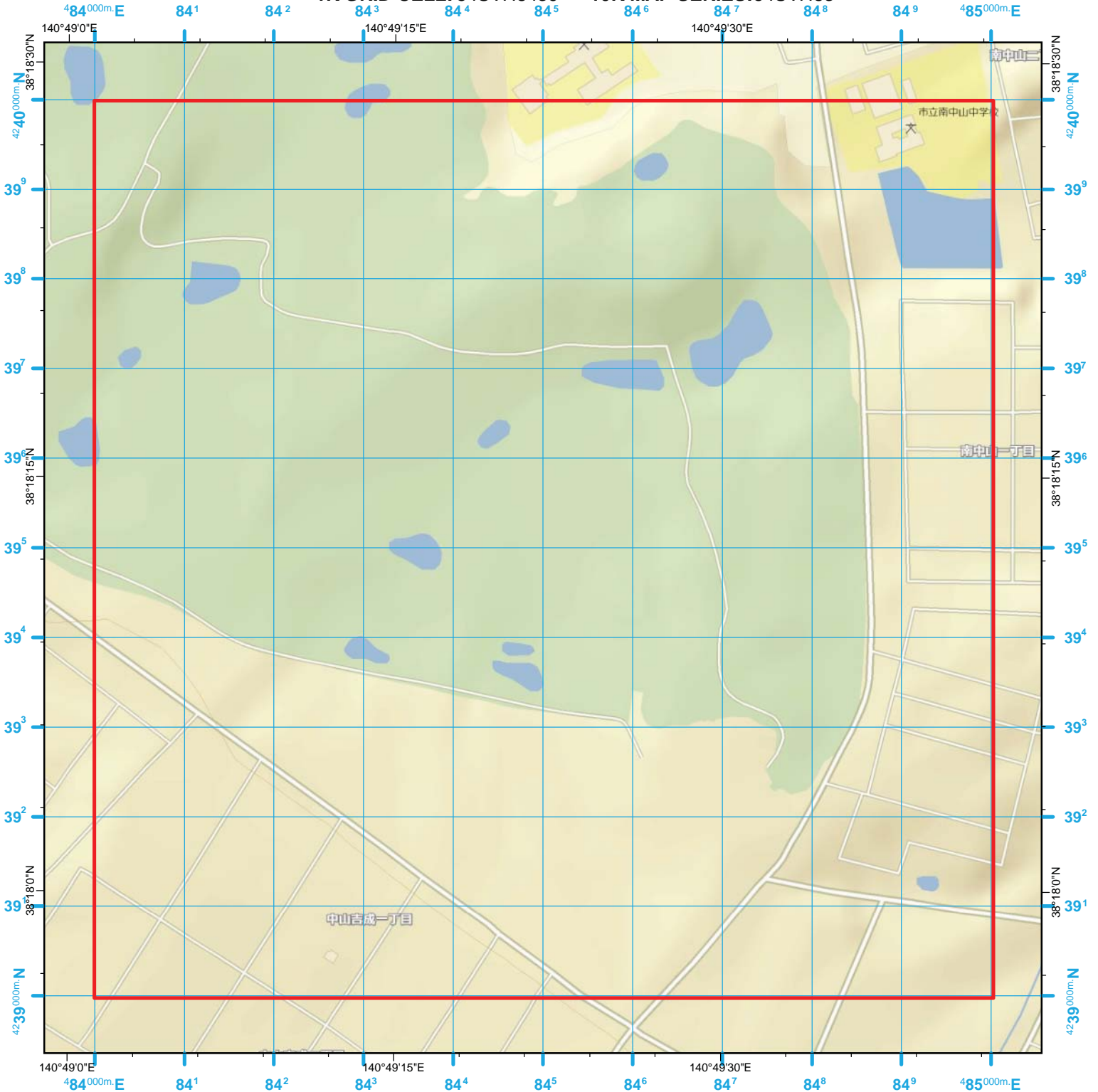


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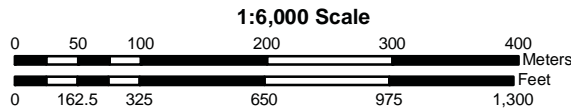
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



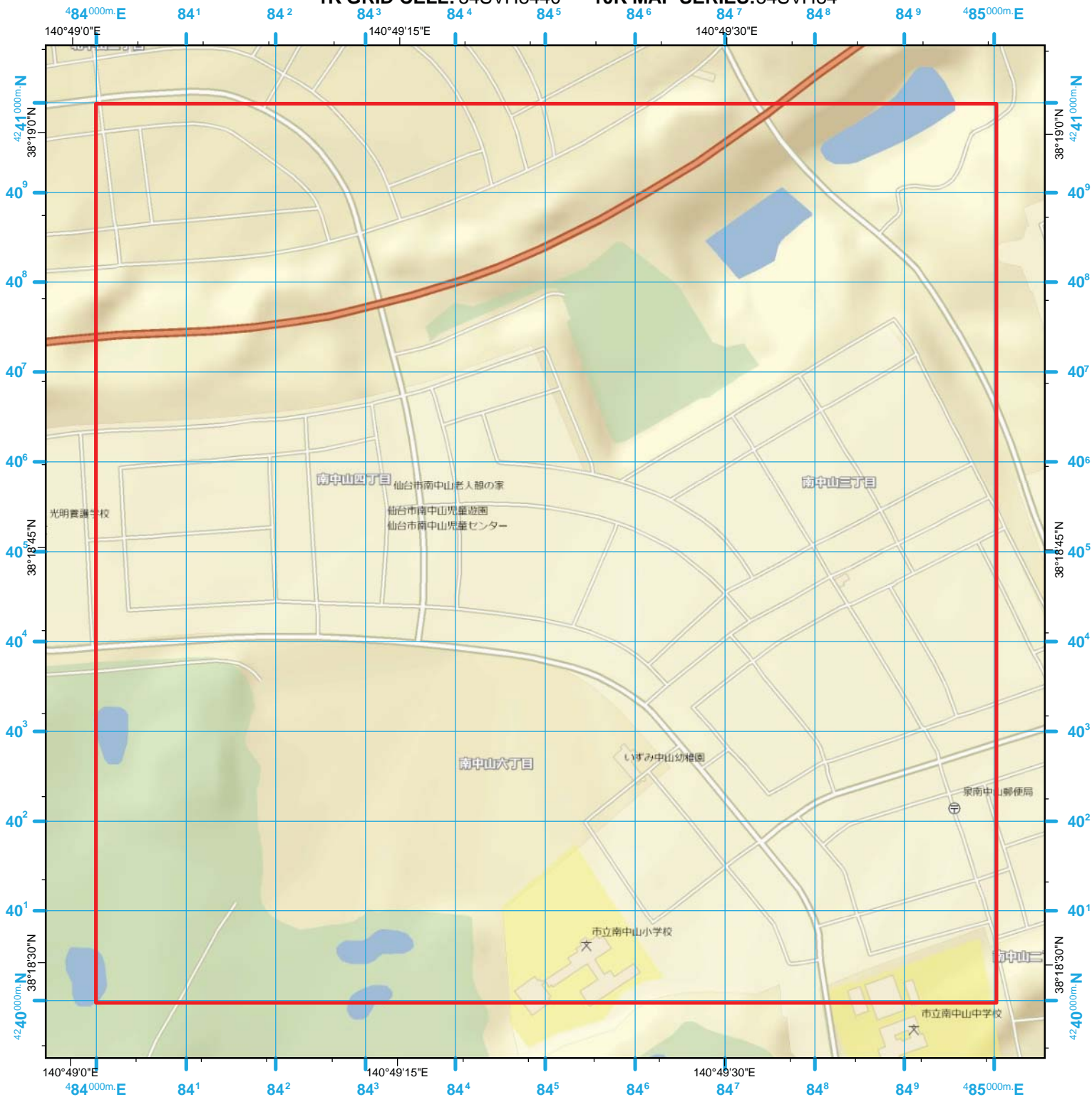
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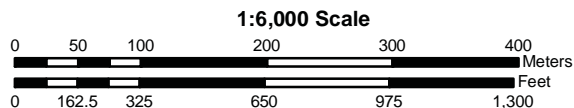
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1000-m cell, 100-m grid, MGRS
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 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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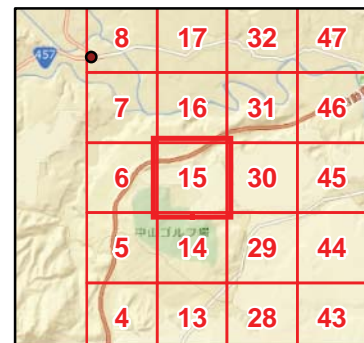
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



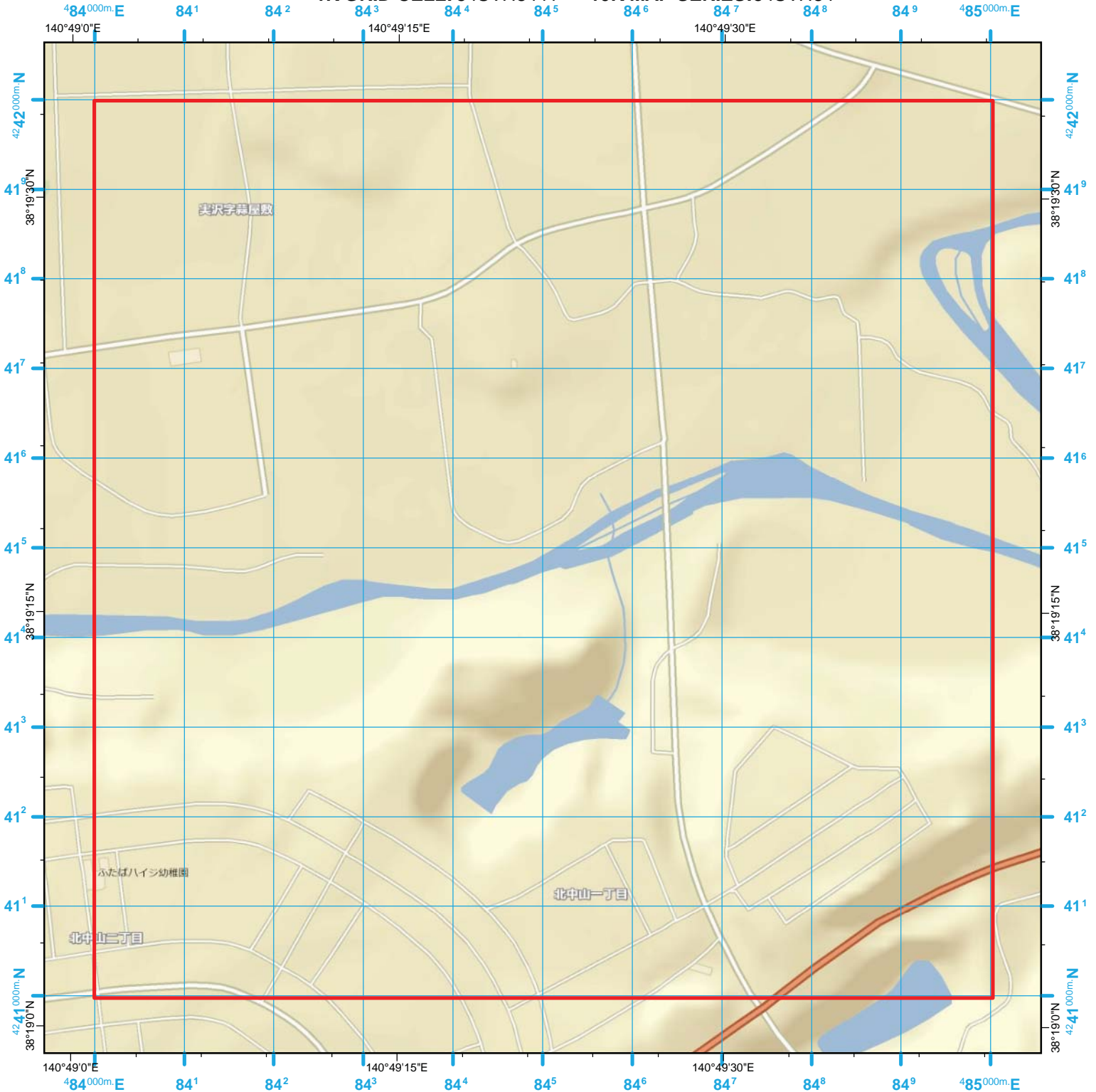
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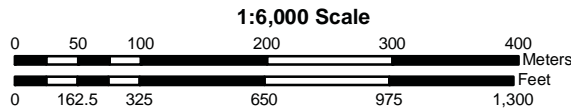
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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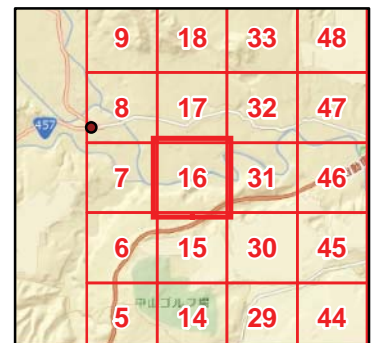
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

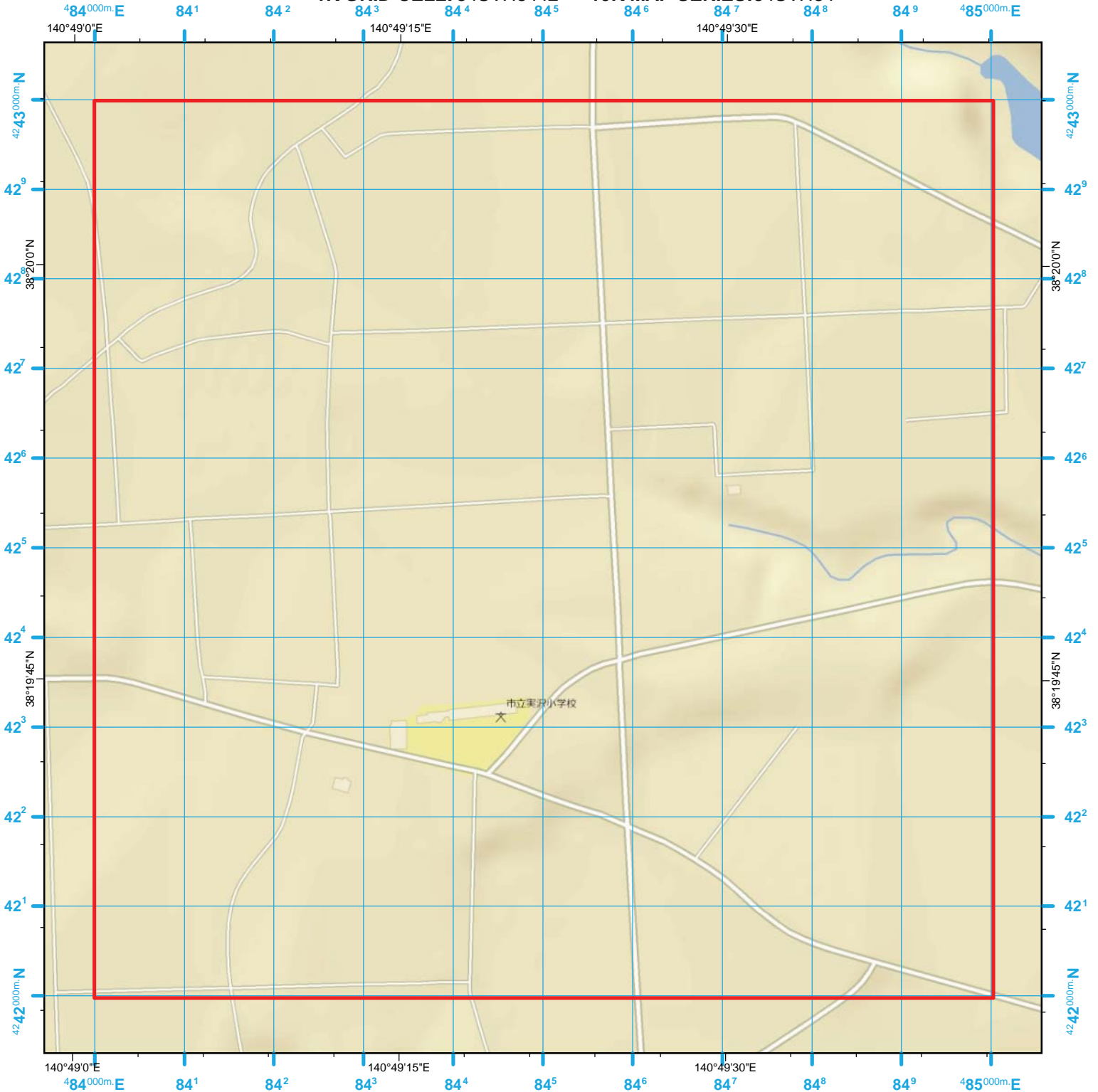


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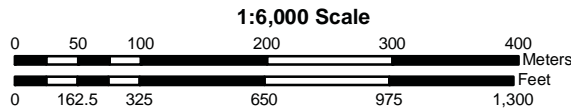
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1000-m cell, 100-m grid, MGRS
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 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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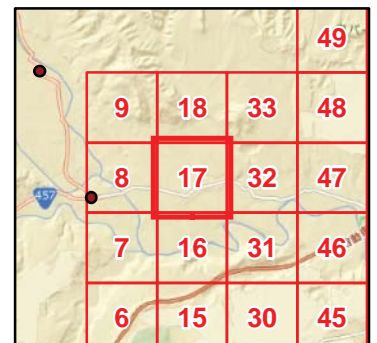
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

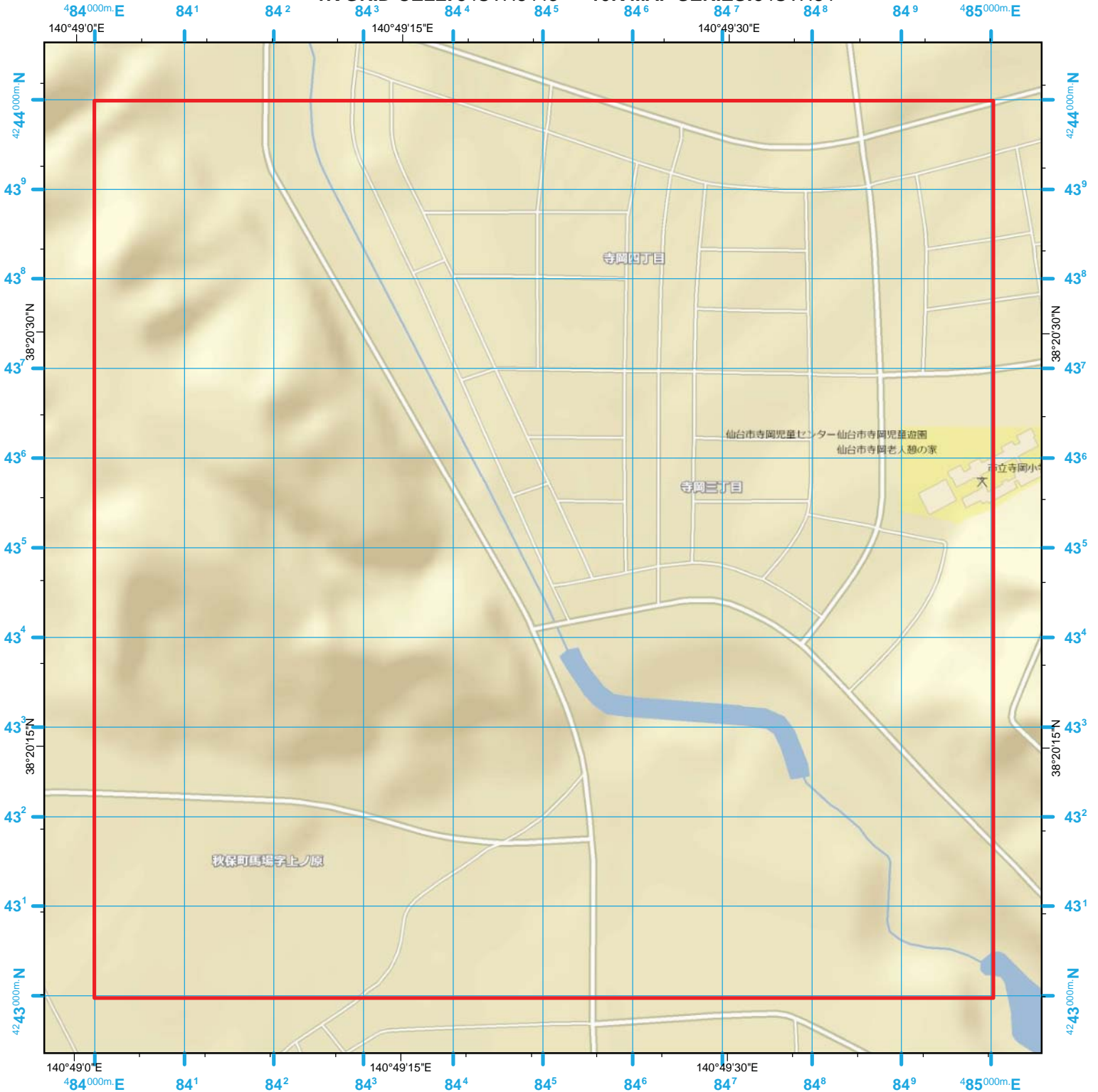


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1K GRID CELL: 54SVH8443 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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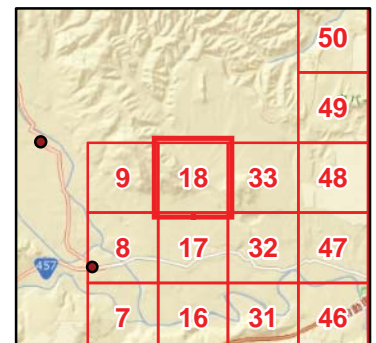
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



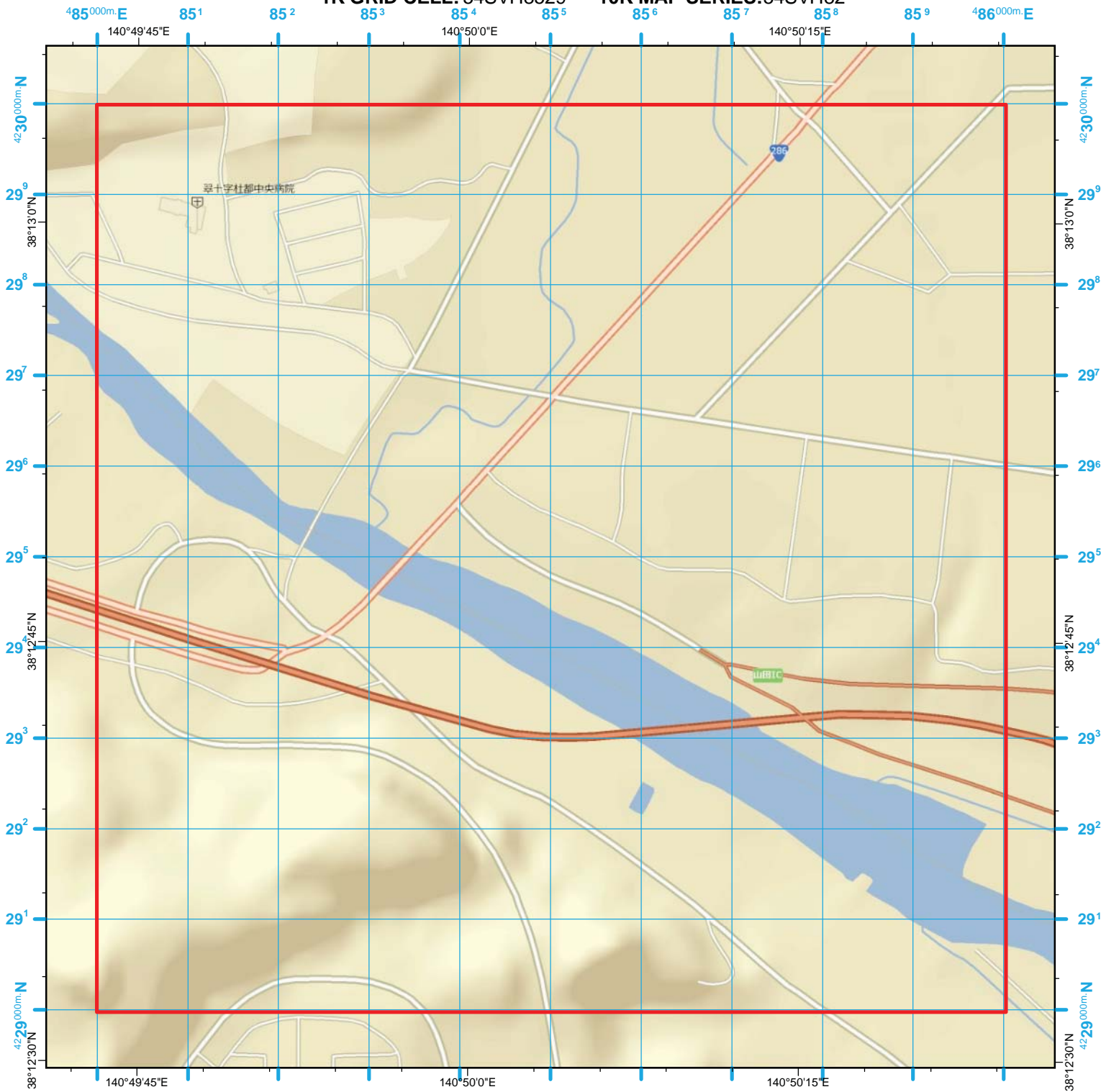
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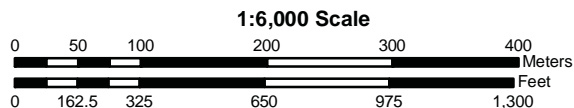
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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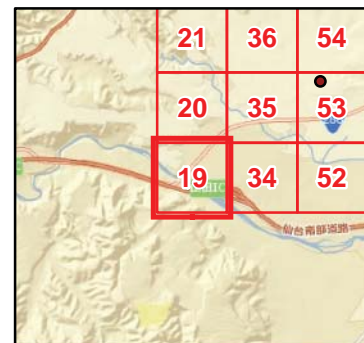
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



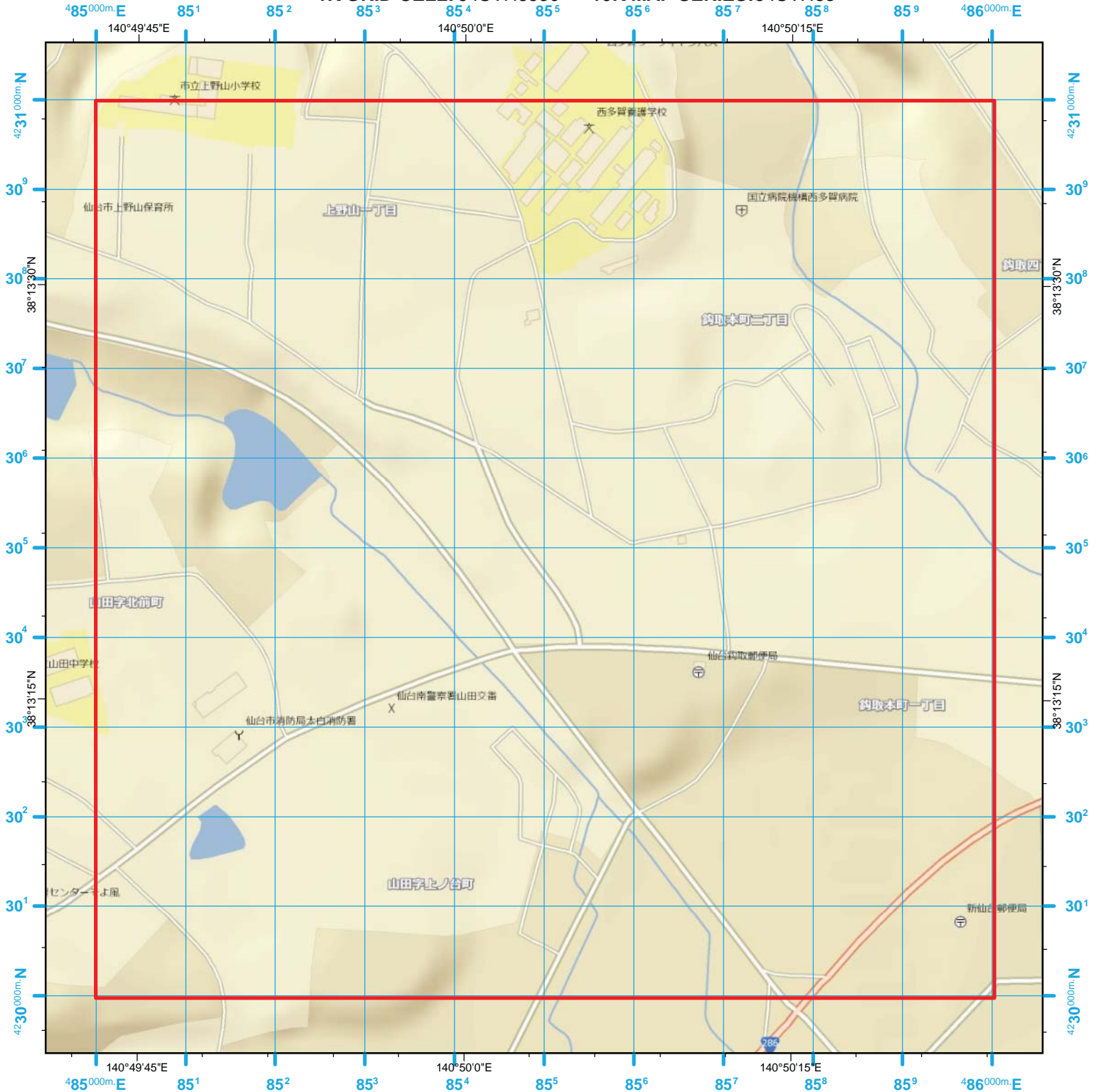
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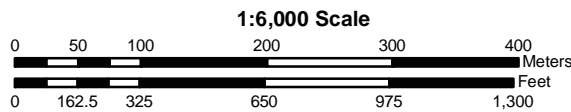
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 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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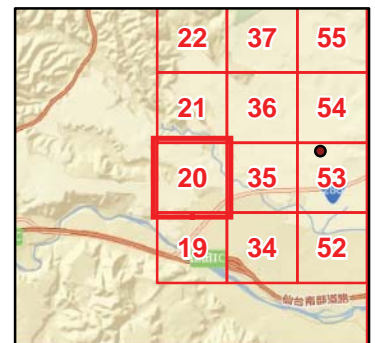
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



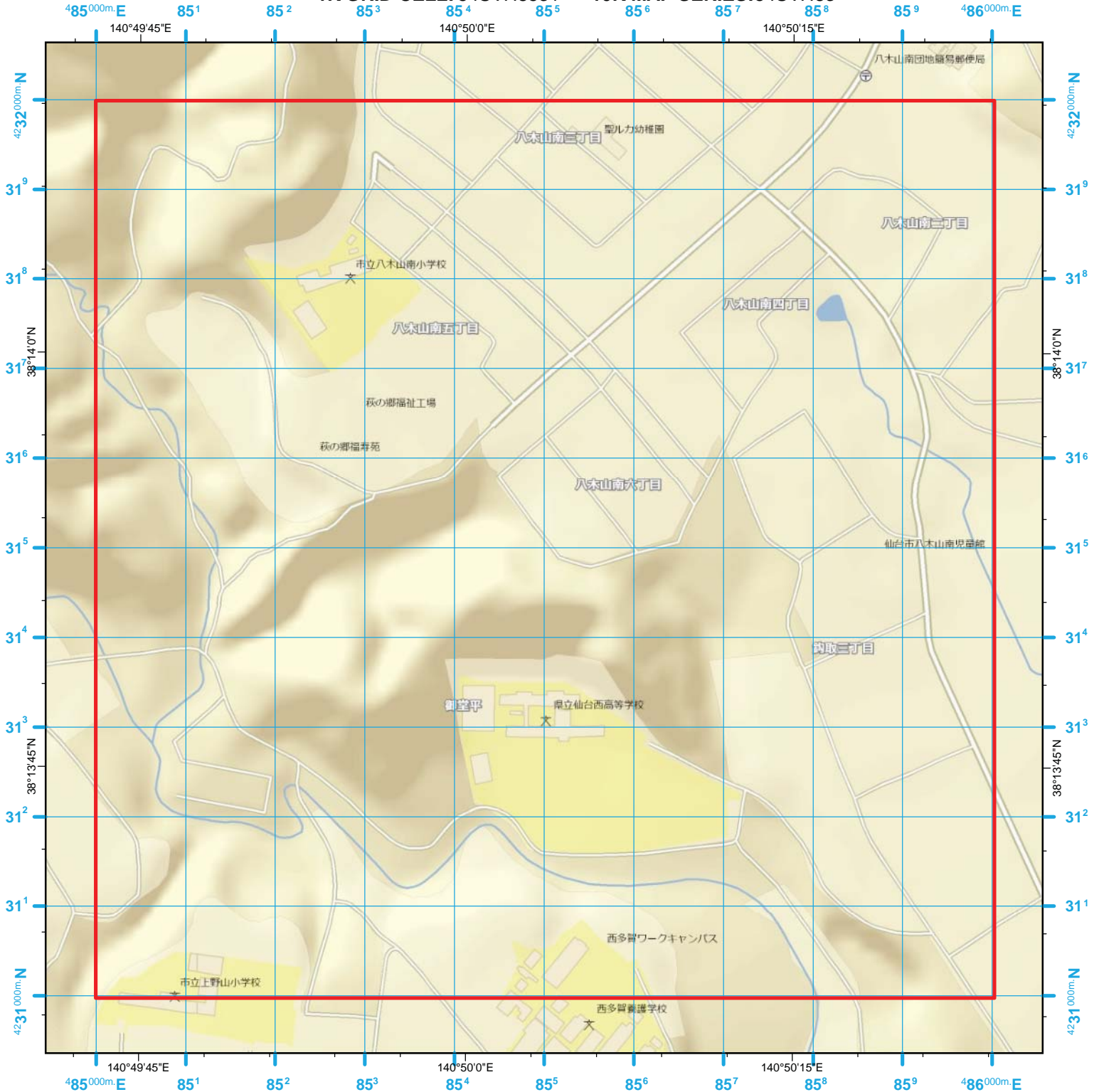
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1K GRID CELL: 54SVH8531 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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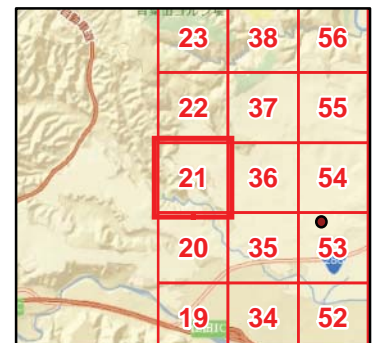
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



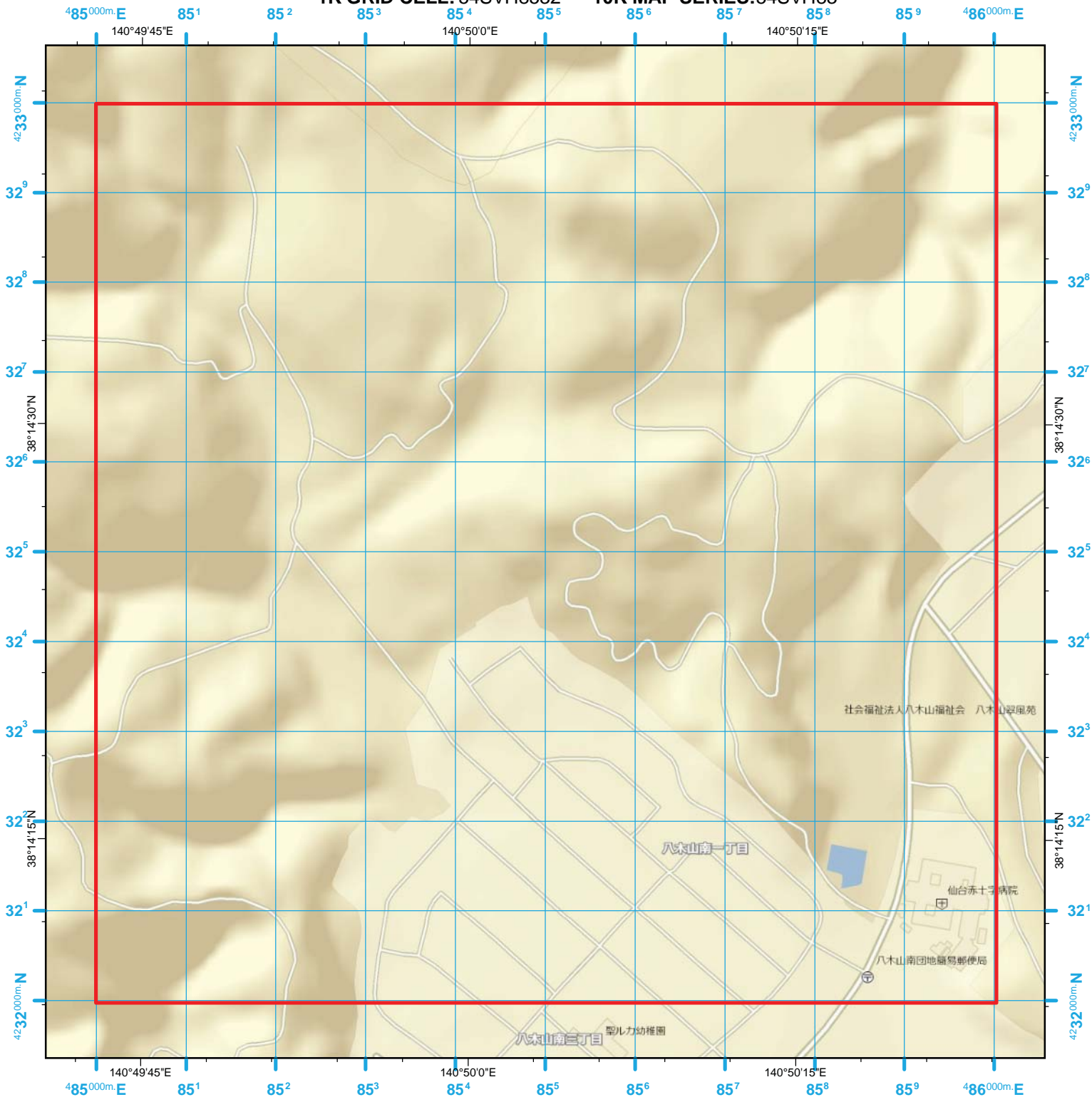
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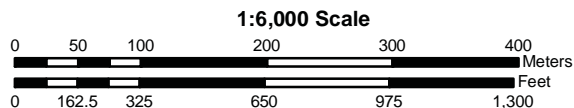
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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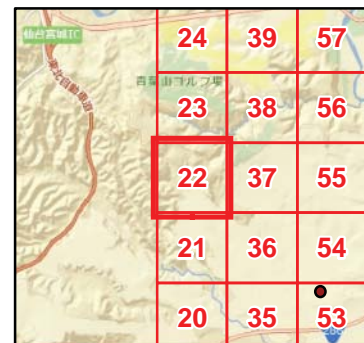
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

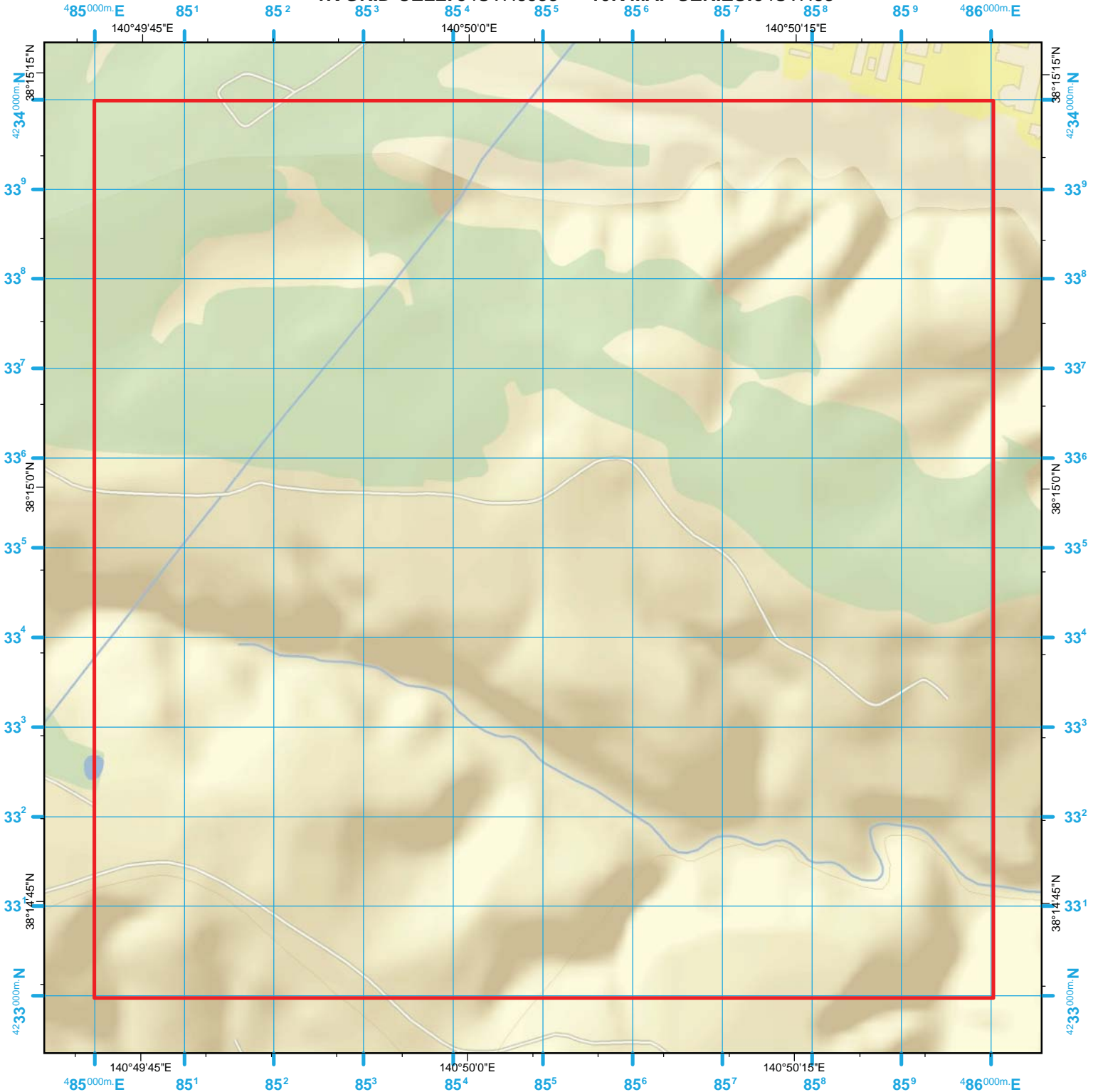


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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation

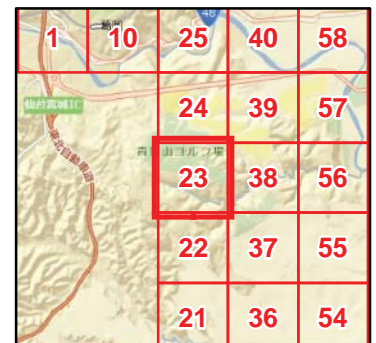


- Search Grid
- Hospital
- Police
- School



INDEX MAP

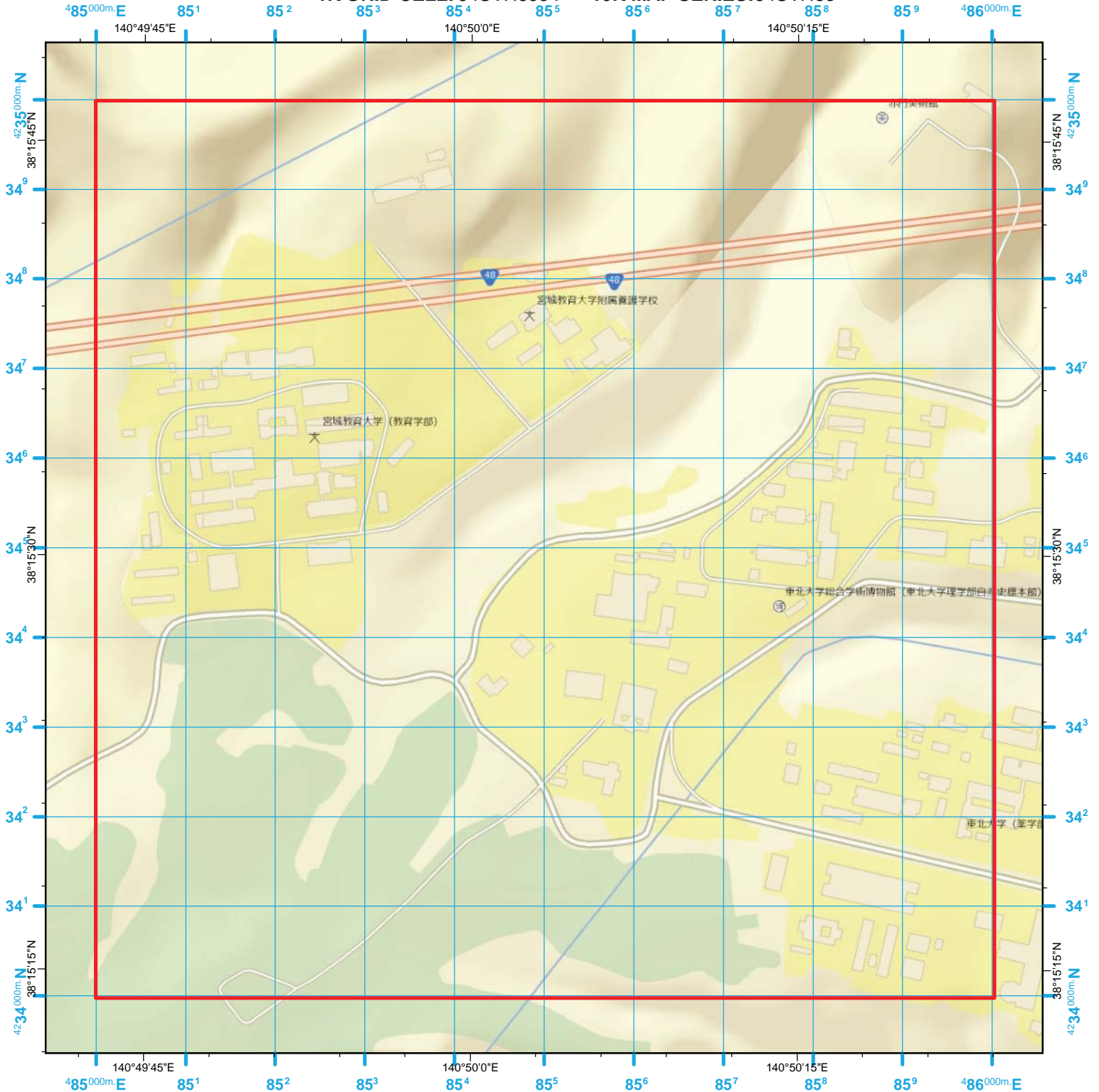
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1K GRID CELL: 54SVH8534 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation

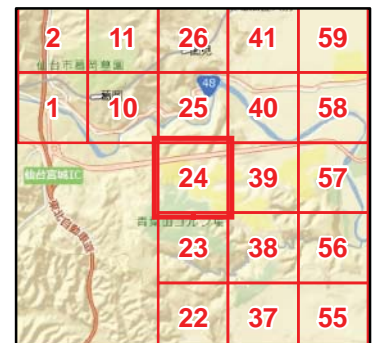


- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

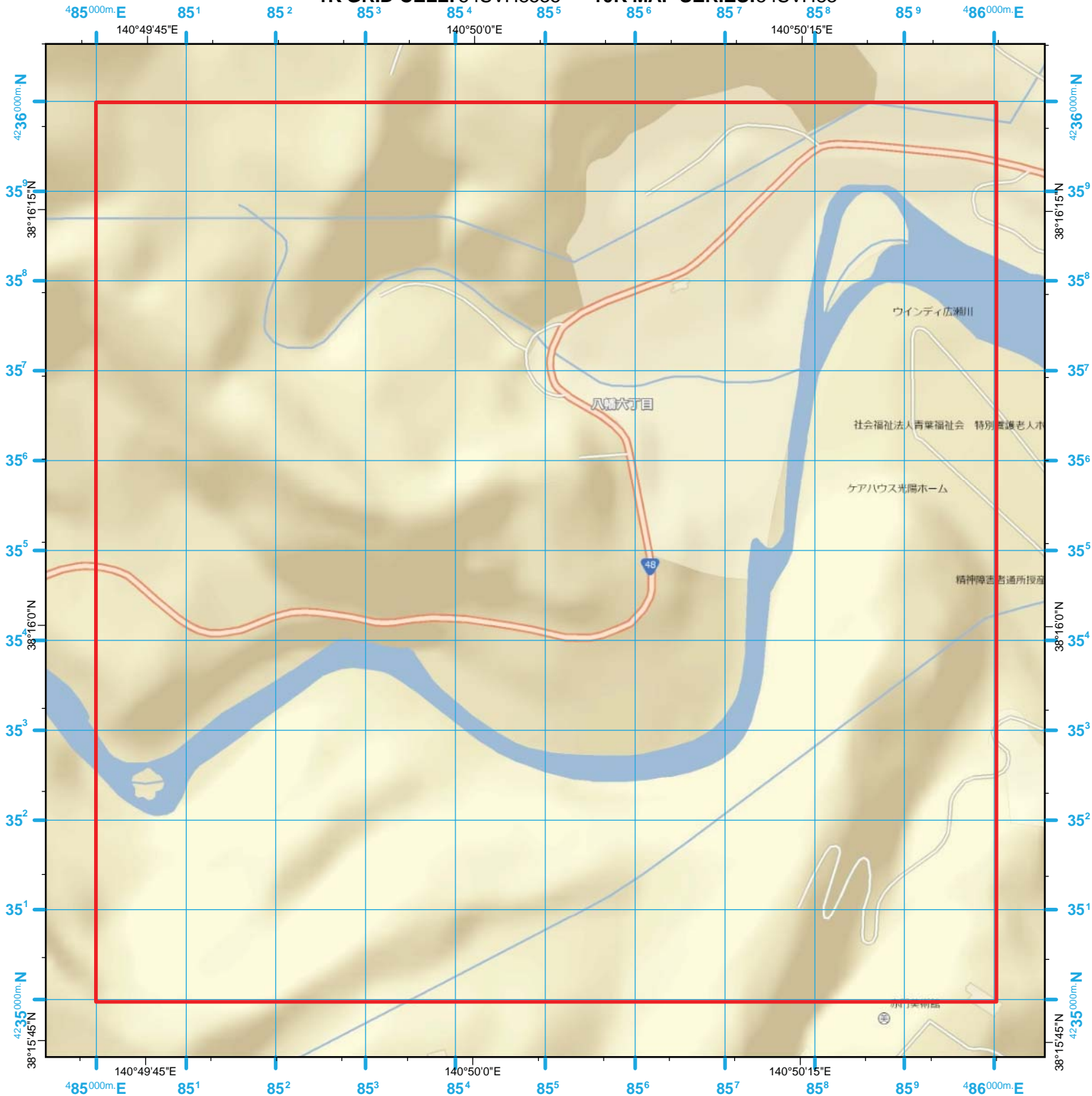
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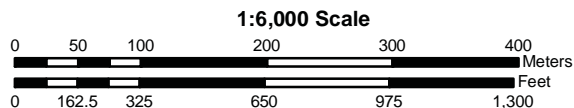
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation

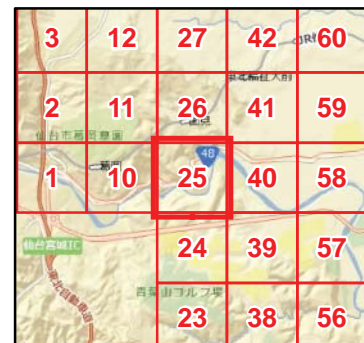


- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

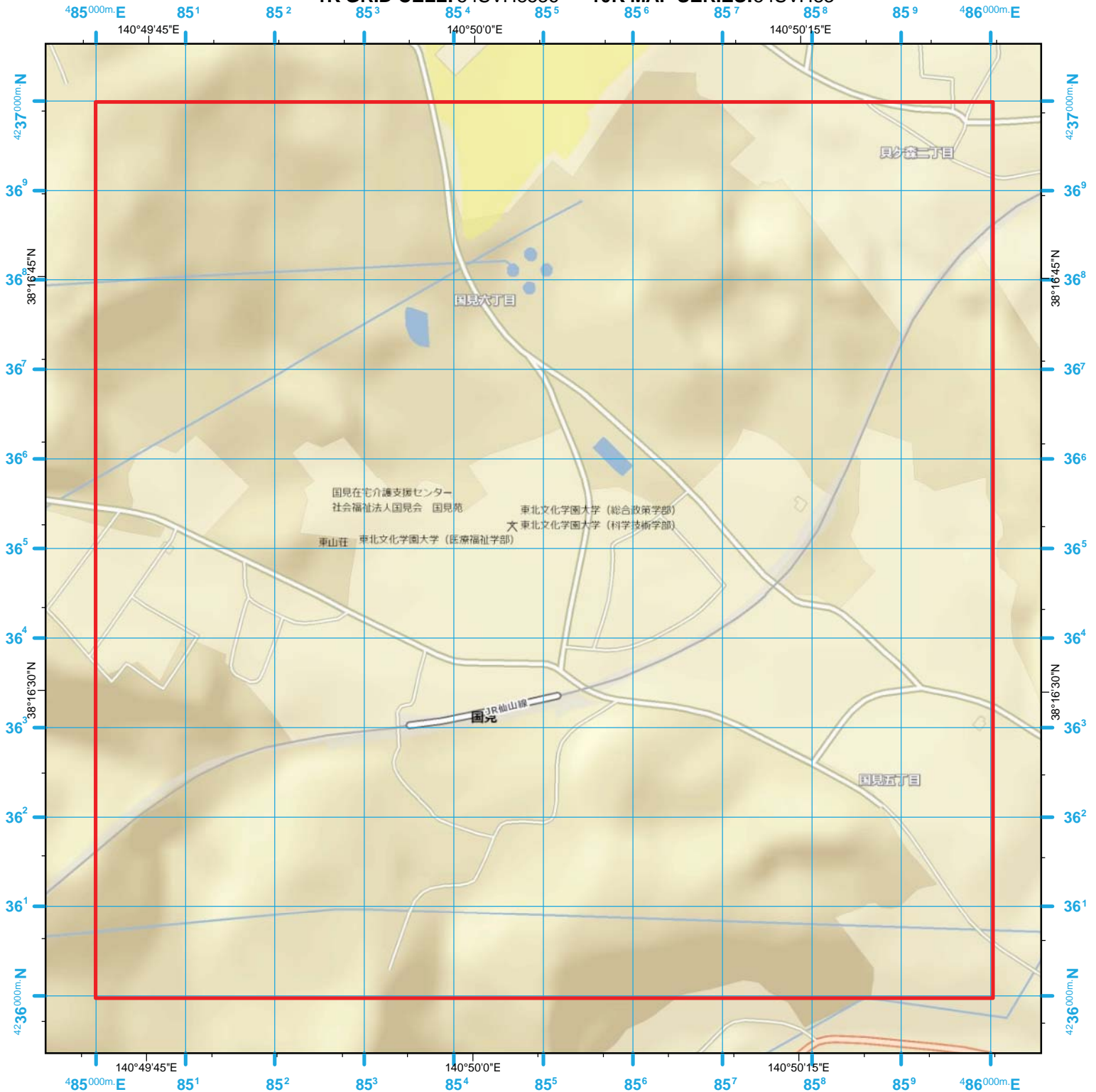
MAPSHEET 25 of 400



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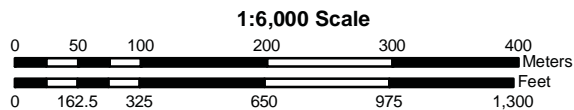
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



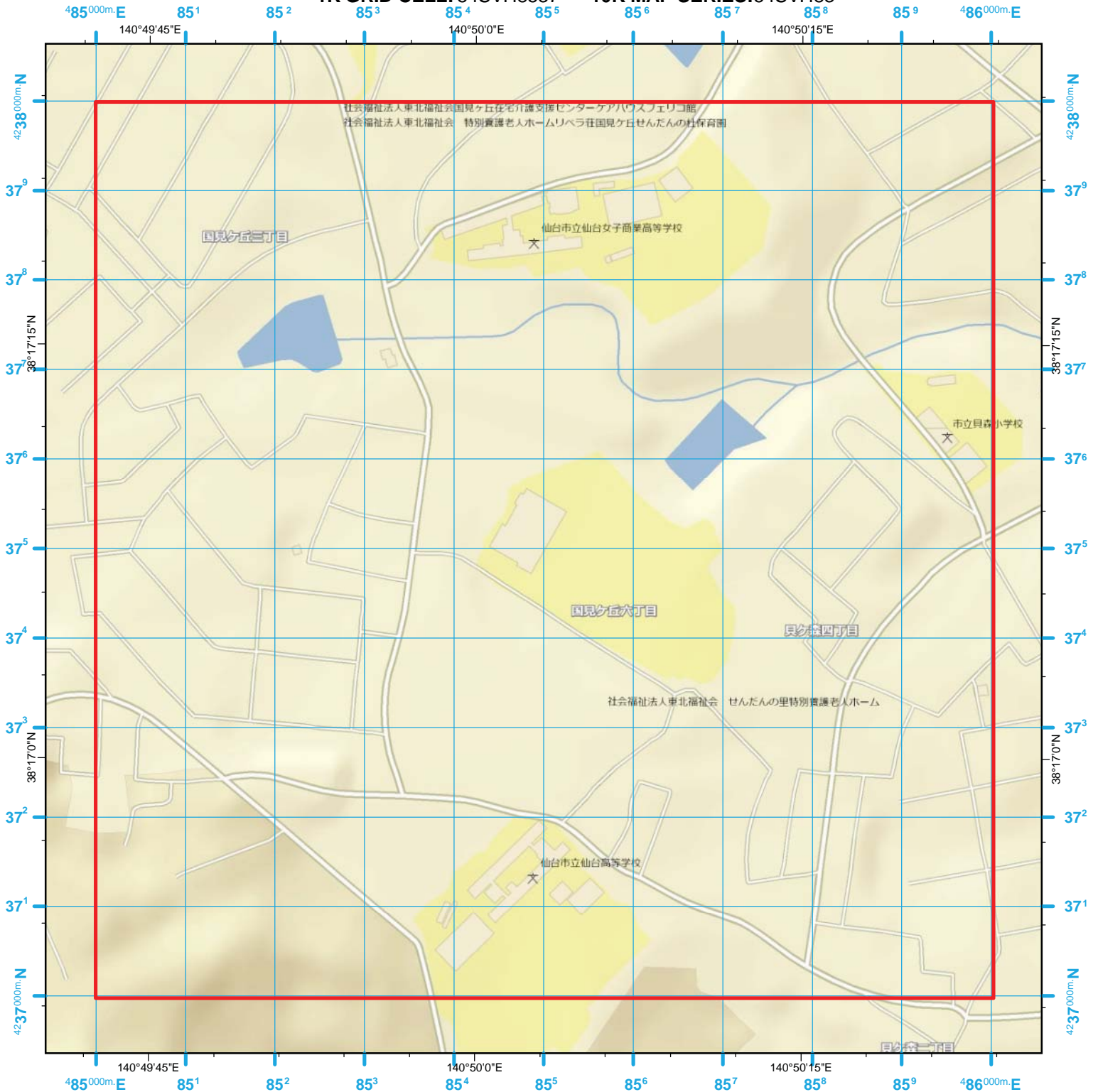
INDEX MAP MAPSHEET 26 of 400

4	13	28	43	61
3	12	27	42	60
2	11	26	41	59
1	10	25	40	58
		24	39	57

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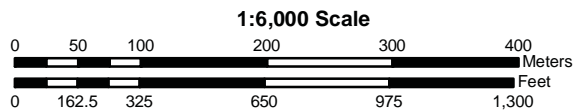
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale

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INDEX MAP

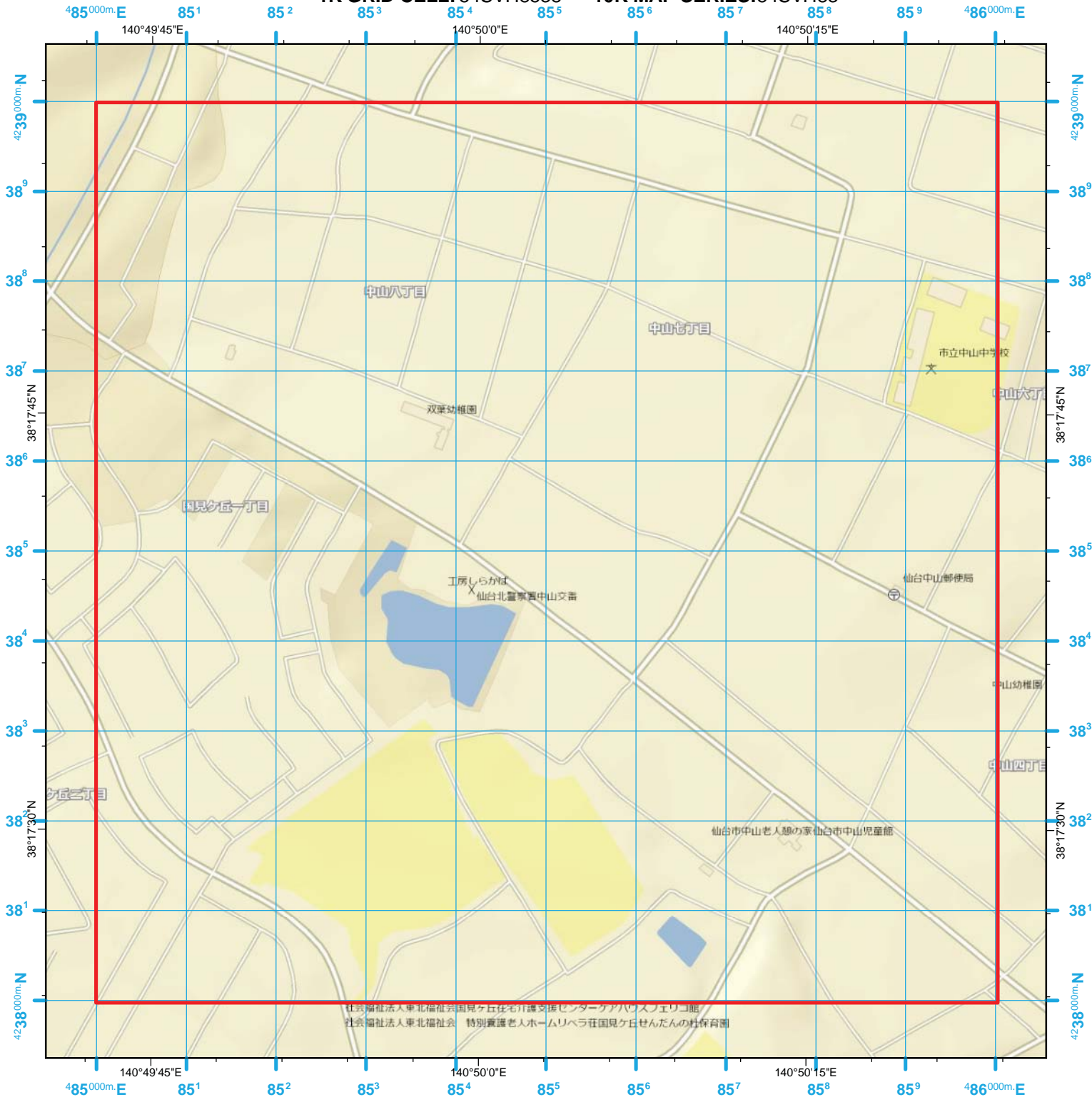
MAPSHEET 27 of 400

5	14	29	44	62
4	13	28	43	61
3	12	27	42	60
2	11	26	41	59
1	10	25	40	58

SENDAI, JAPAN

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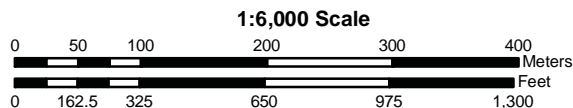
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

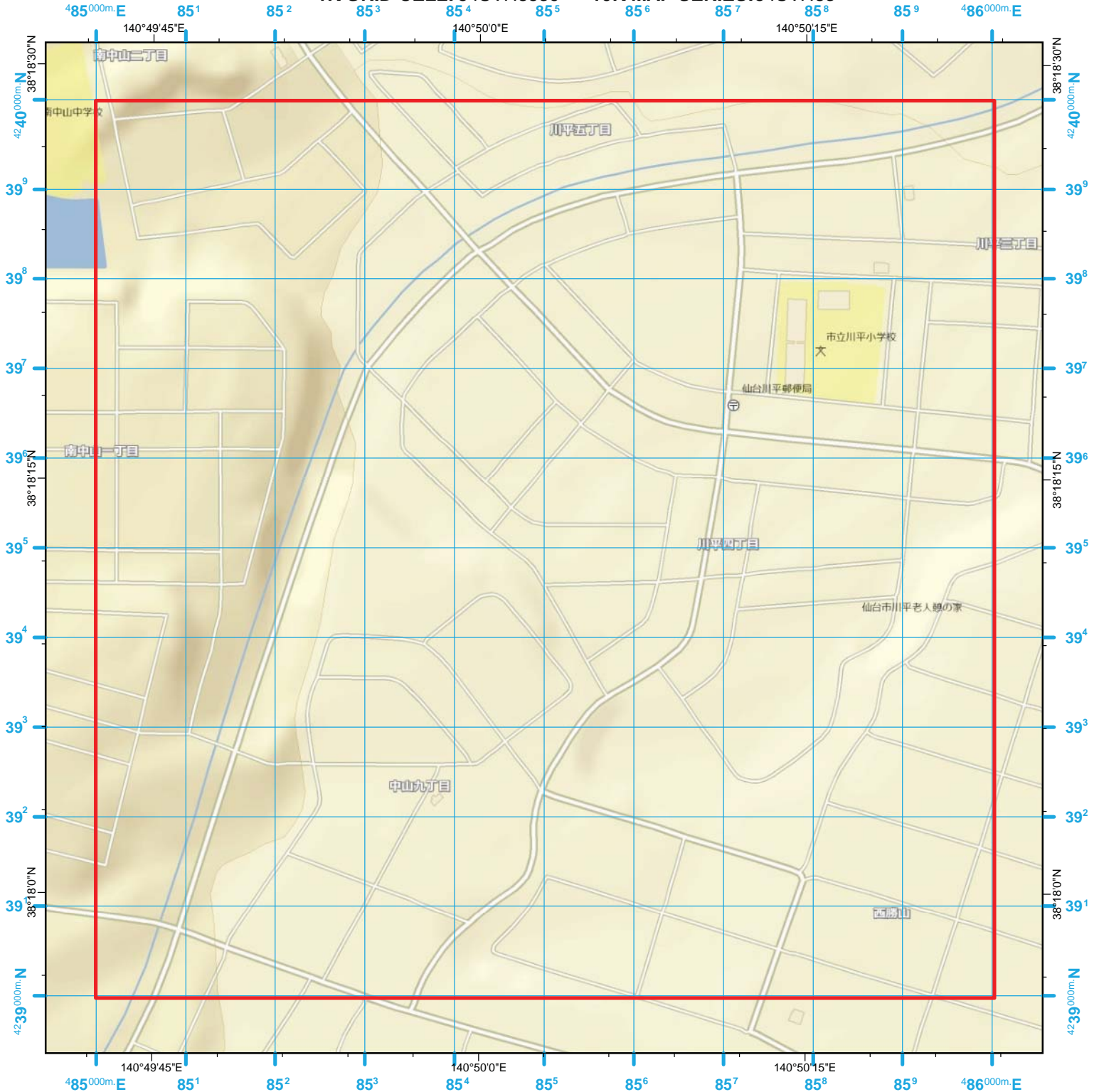
MAPSHEET 28 of 400

6	15	30	45	63
5	14	29	44	62
4	13	28	43	61
3	12	27	42	60
2	11	26	41	59

SENDAI, JAPAN

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1K GRID CELL: 54SVH8539 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



INDEX MAP

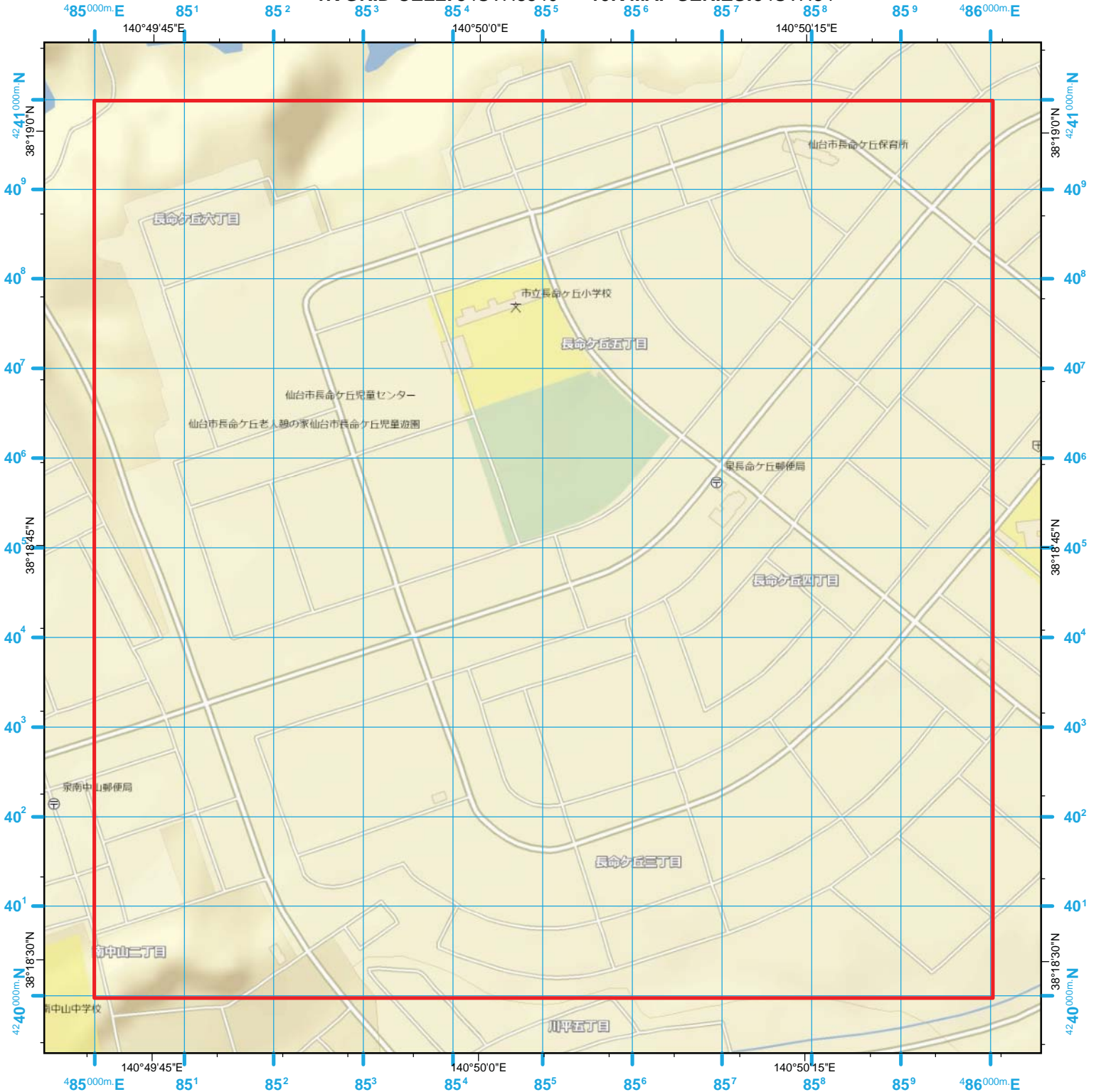
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7	16	31	46	64
6	15	30	45	63
5	14	29	44	62
4	13	28	43	61
3	12	27	42	60

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1K GRID CELL: 54SVH8540 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



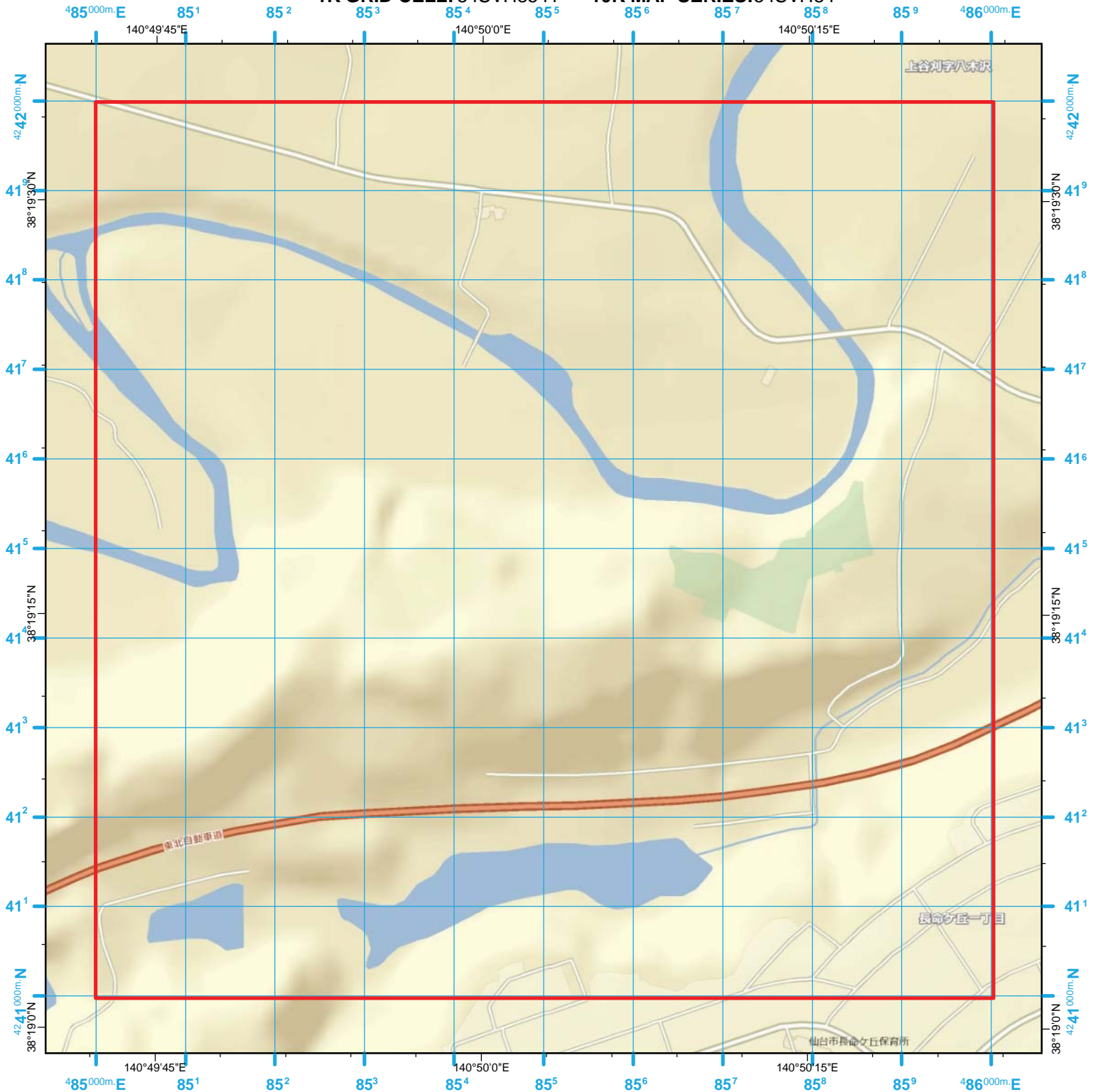
INDEX MAP

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8	17	32	47	65
7	16	31	46	64
6	15	30	45	63
5	14	29	44	62
4	13	28	43	61

SENDAI, JAPAN

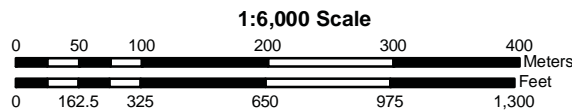
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



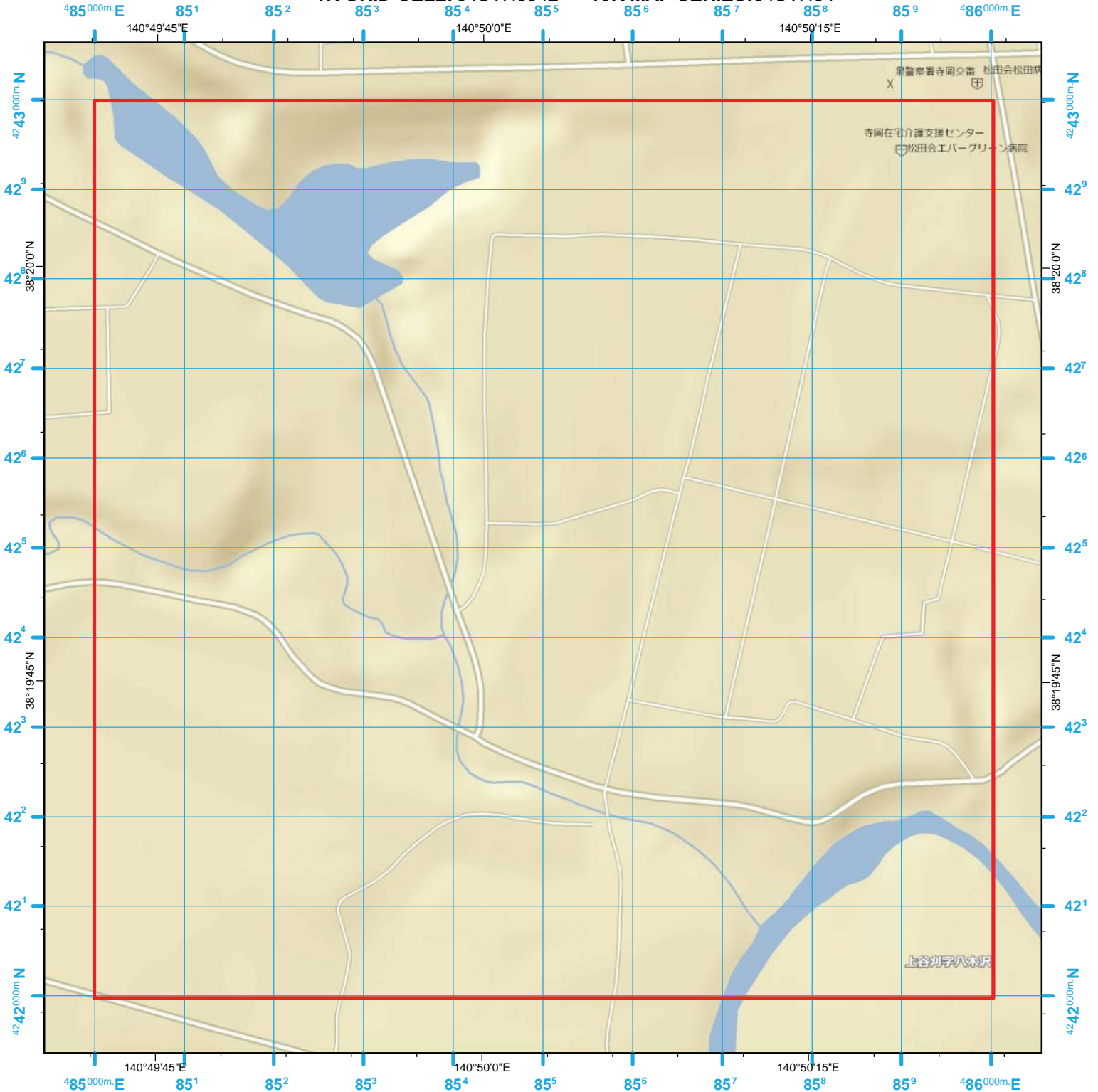
INDEX MAP

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9	18	33	48	66
8	17	32	47	65
7	16	31	46	64
6	15	30	45	63
5	14	29	44	62

SENDAI, JAPAN

1K GRID CELL: 54SVH8542 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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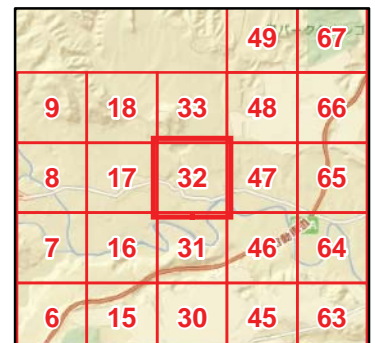
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



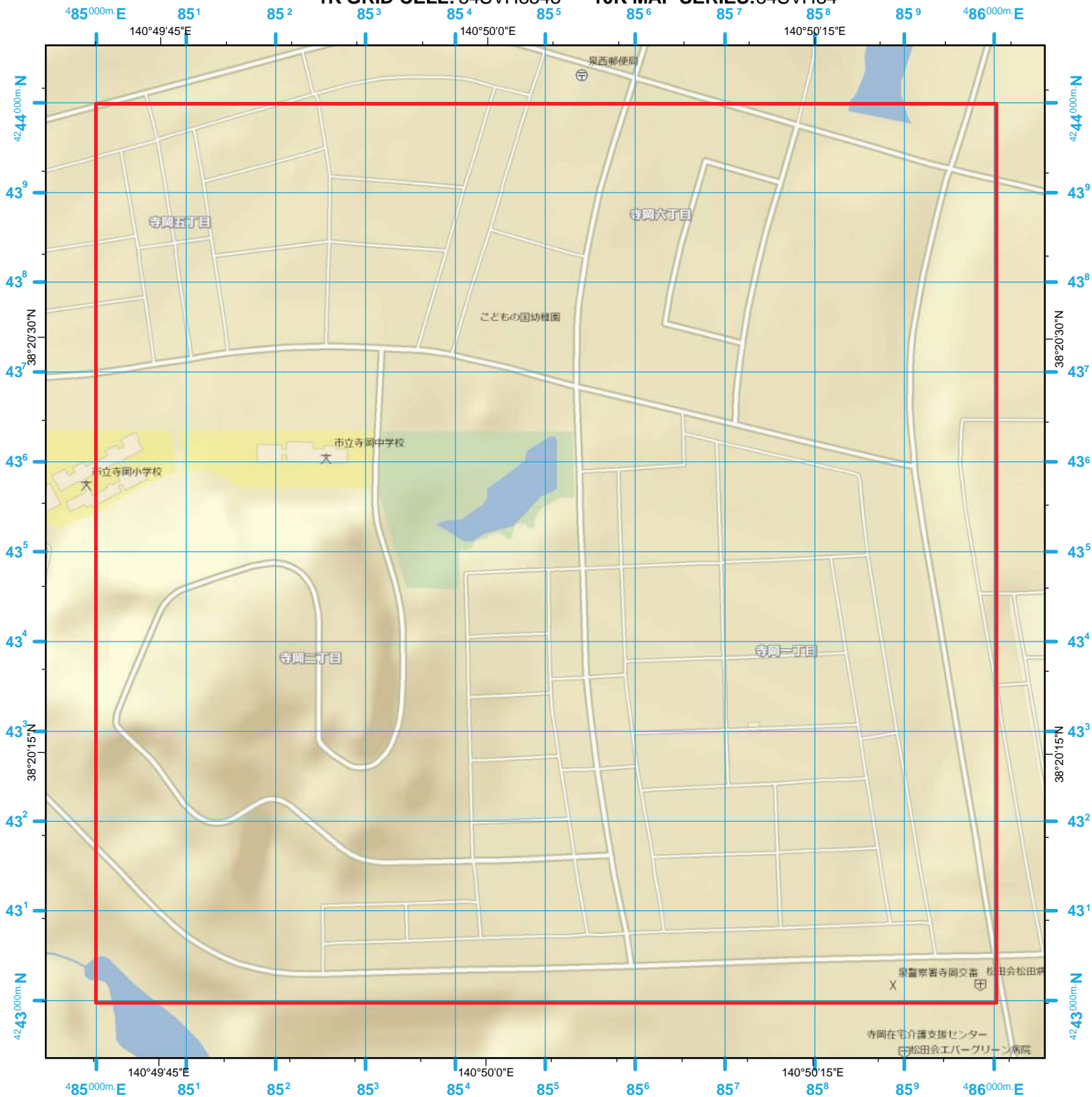
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SENDAI, JAPAN

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1K GRID CELL: 54SVH8543 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation

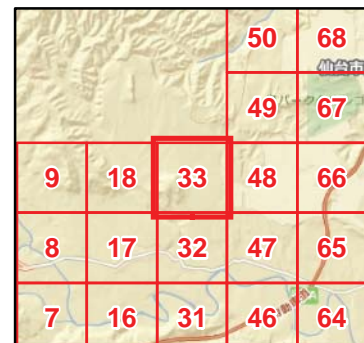


- Search Grid
- H Hospital
- P Police
- S School



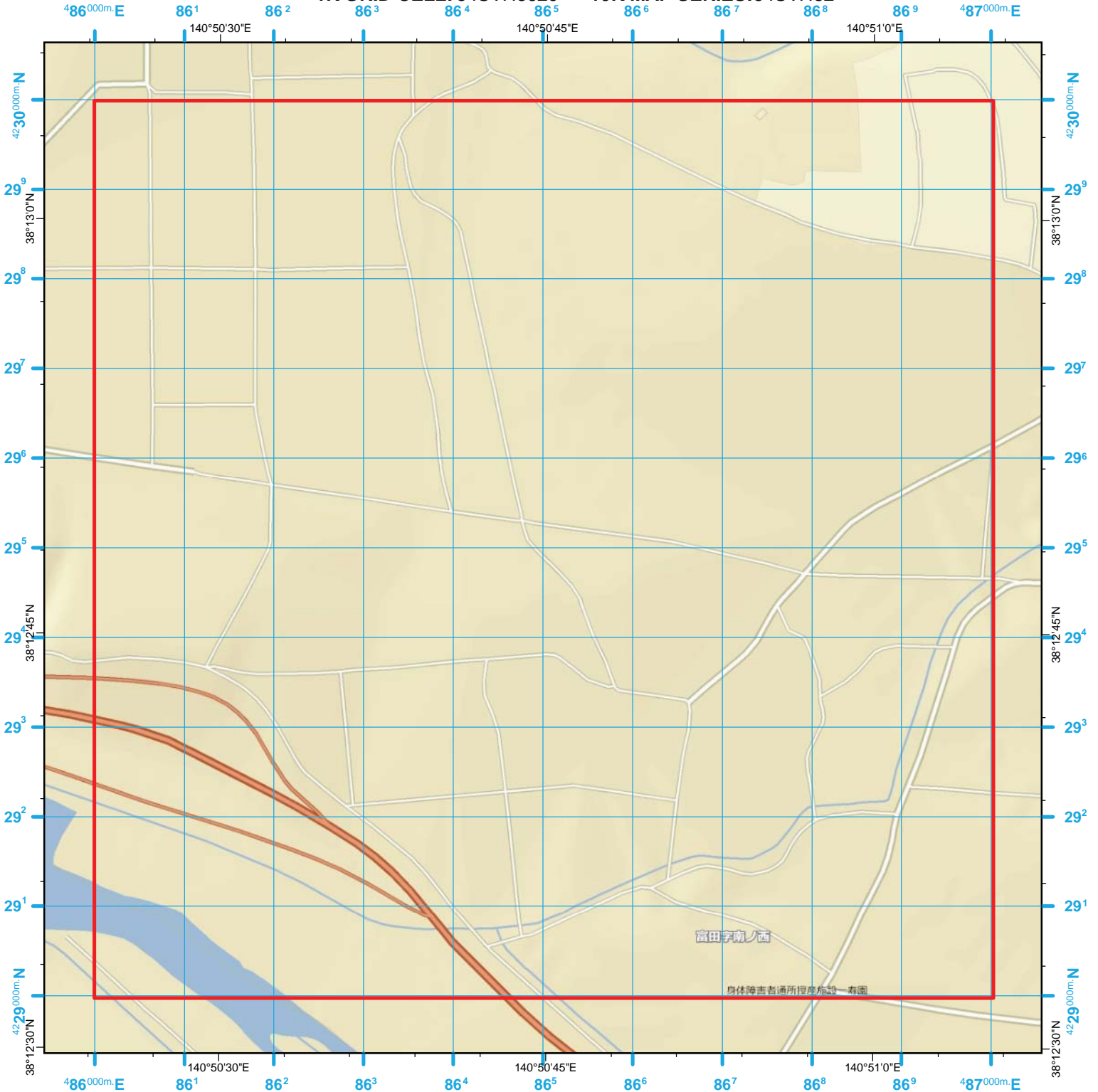
INDEX MAP

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SENDAI, JAPAN

1K GRID CELL: 54SVH8629 10K MAP SERIES: 54SVH82



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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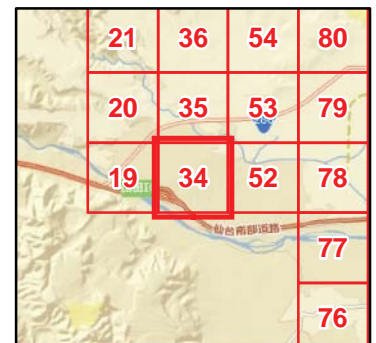
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



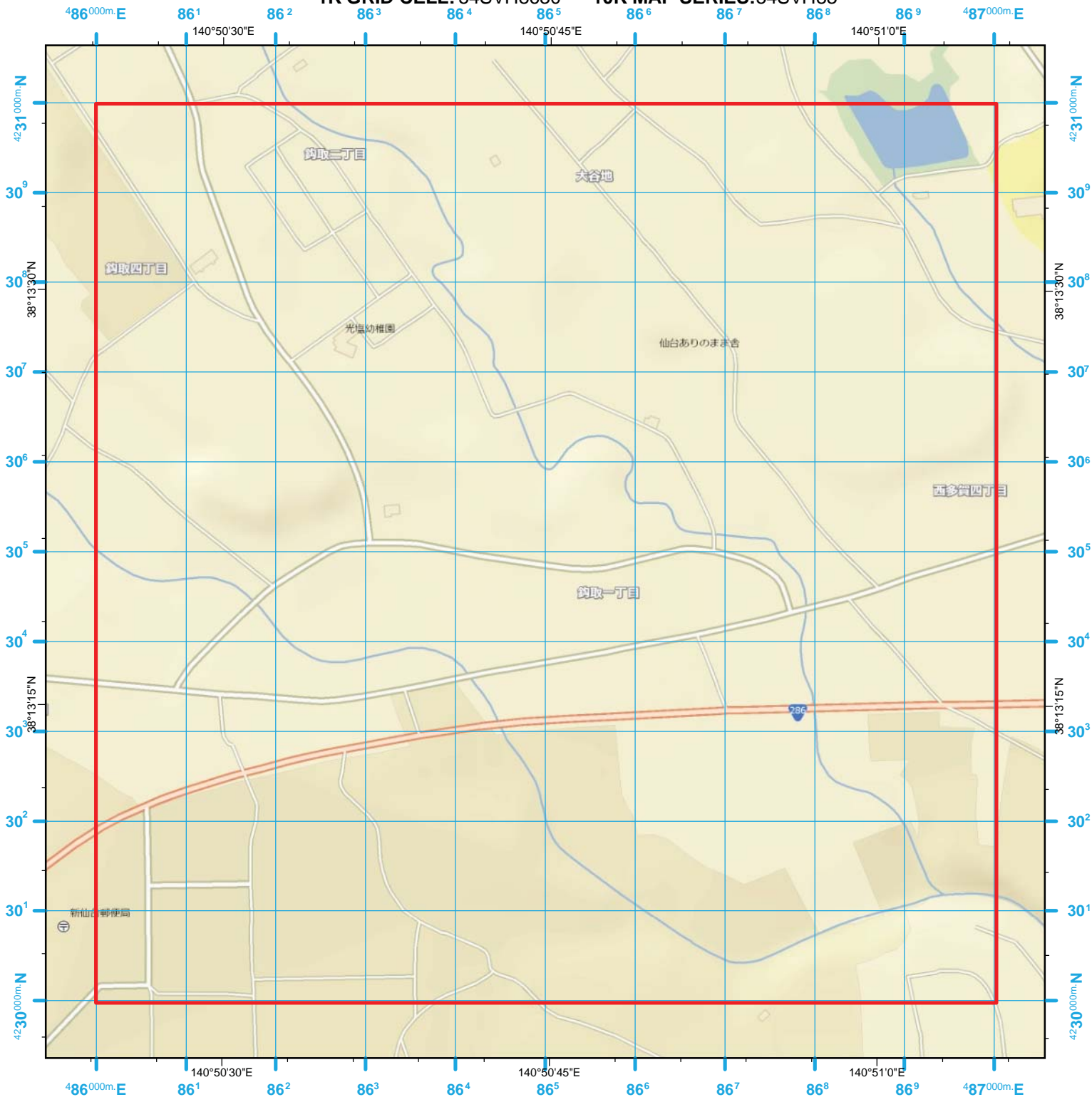
INDEX MAP MAPSHEET 34 of 400



SENDAI, JAPAN

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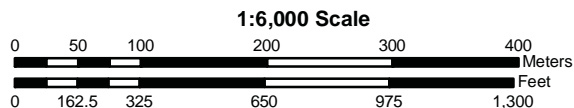
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

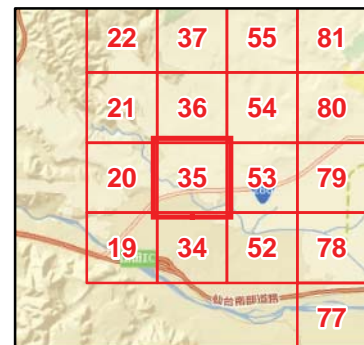
1:6,000 Scale

SENDAI, JAPAN



INDEX MAP

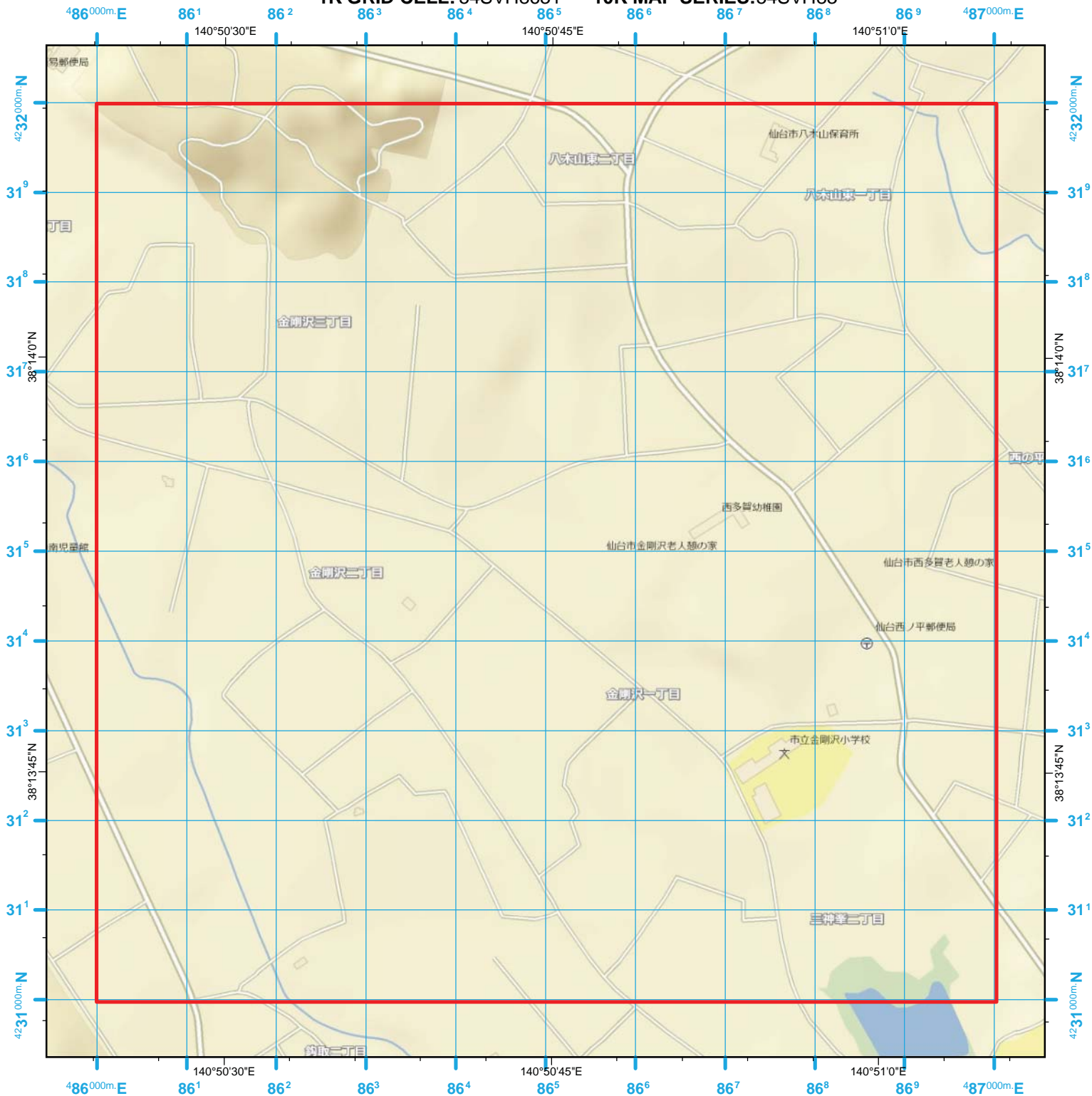
MAPSHEET 35 of 400



SENDAI, JAPAN

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1K GRID CELL: 54SVH8631 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



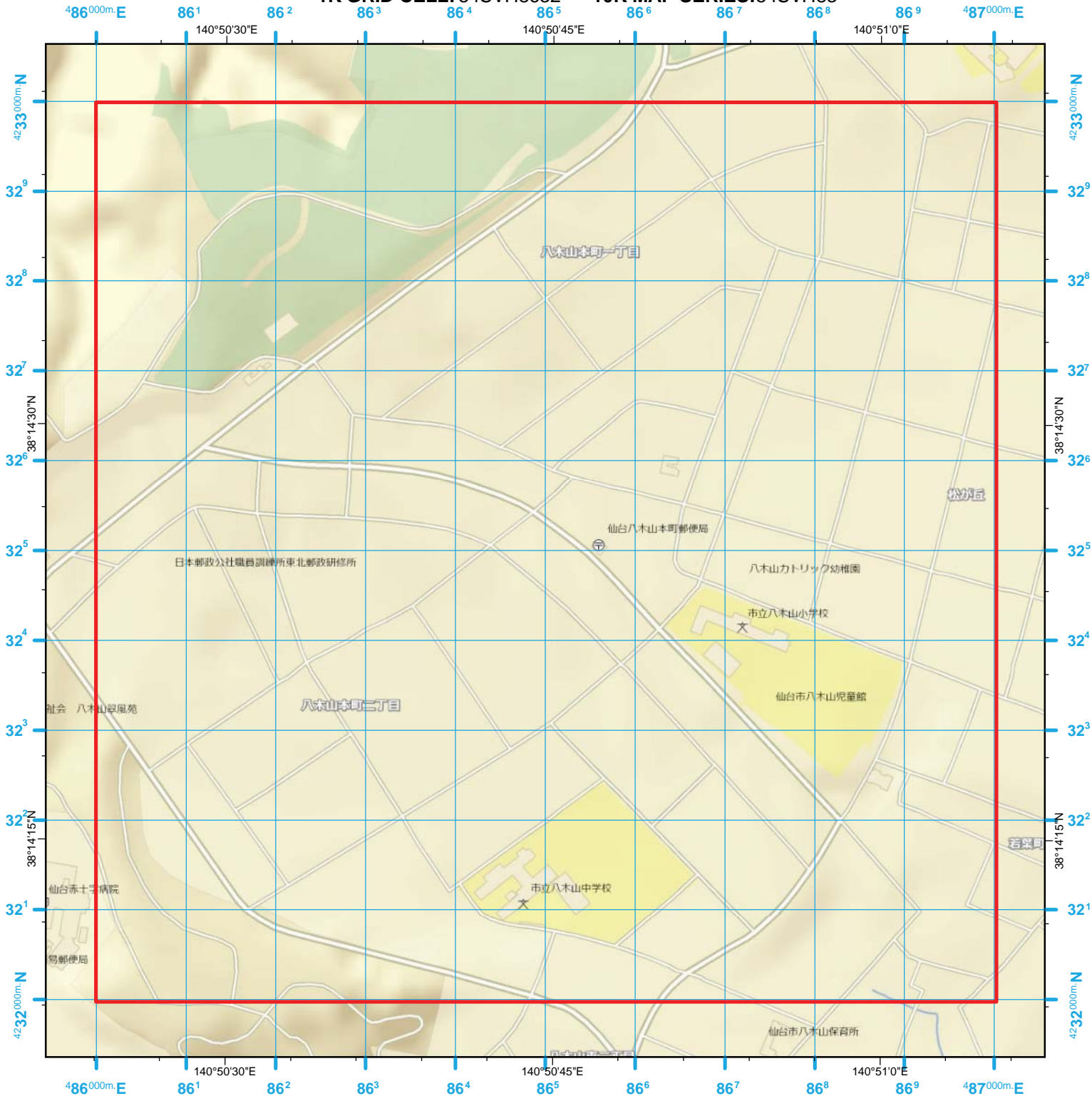
INDEX MAP
MAPSHEET 36 of 400

23	38	56	82
22	37	55	81
21	36	54	80
20	35	53	79
19	34	52	78

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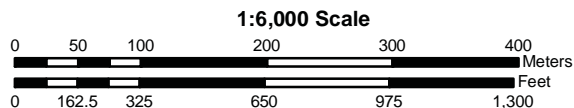
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

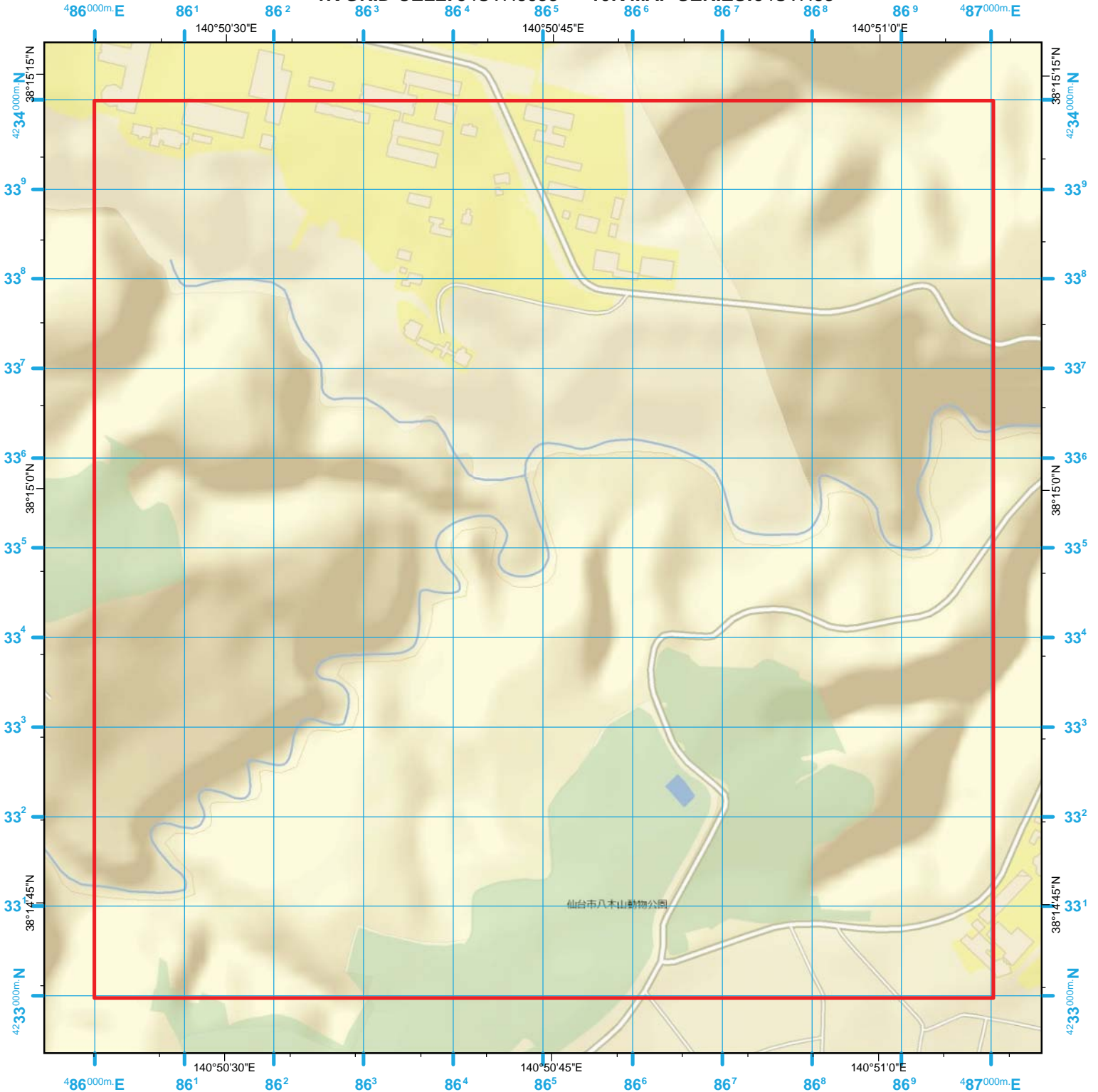


INDEX MAP
MAPSHEET 37 of 400

24	39	57	83
23	38	56	82
22	37	55	81
21	36	54	80
20	35	53	79

SENDAI, JAPAN

1K GRID CELL: 54SVH8633 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



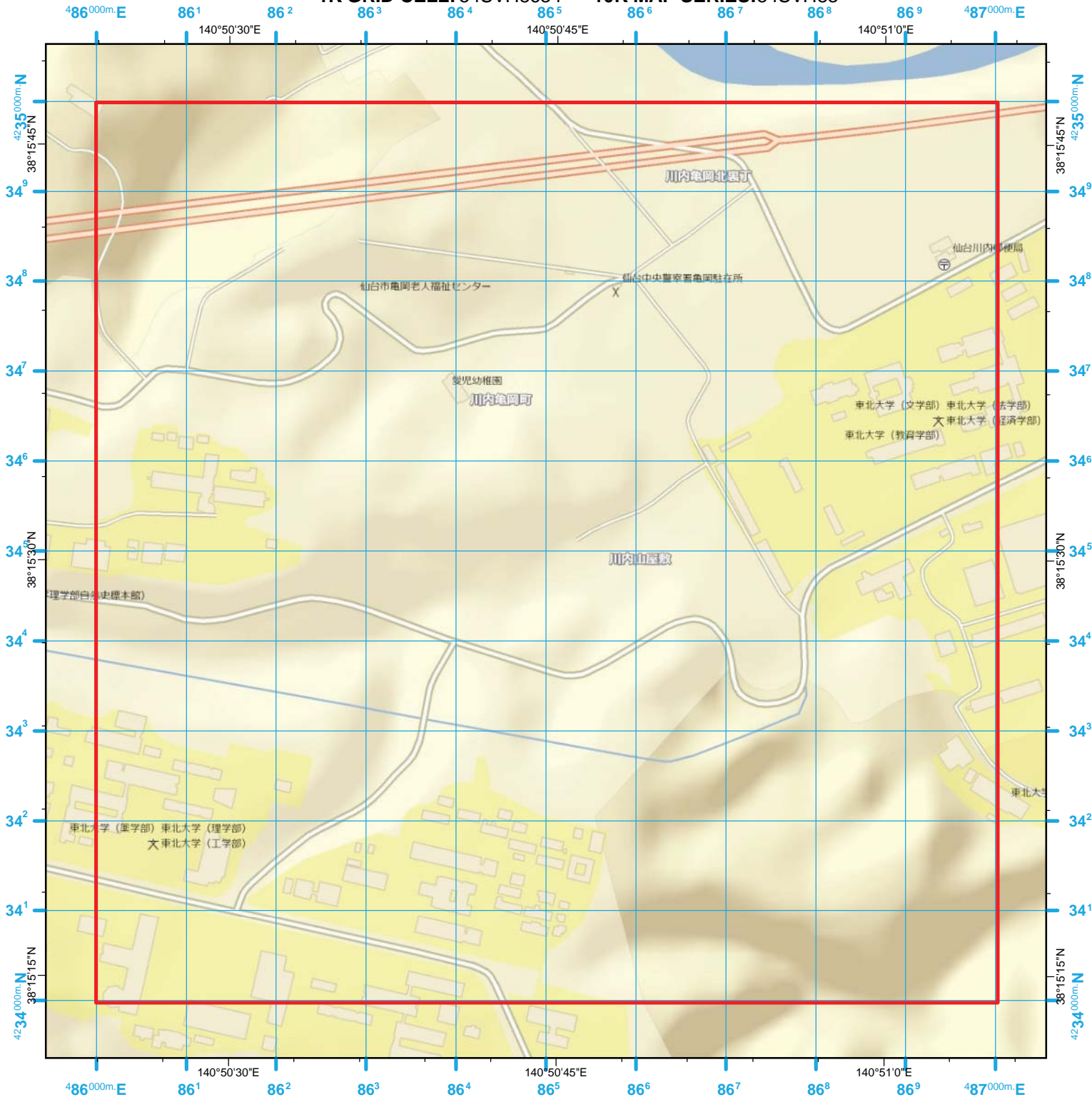
INDEX MAP MAPSHEET 38 of 400

10	25	40	58	84
24	39	57	83	
23	38	56	82	
22	37	55	81	
21	36	54	80	

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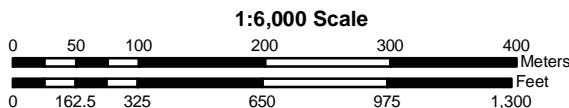
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP MAPSHEET 39 of 400

11	26	41	59	85
10	25	40	58	84
	24	39	57	83
	23	38	56	82
	22	37	55	81

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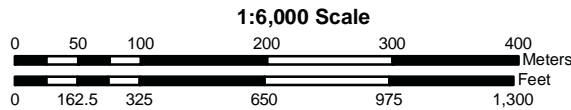
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

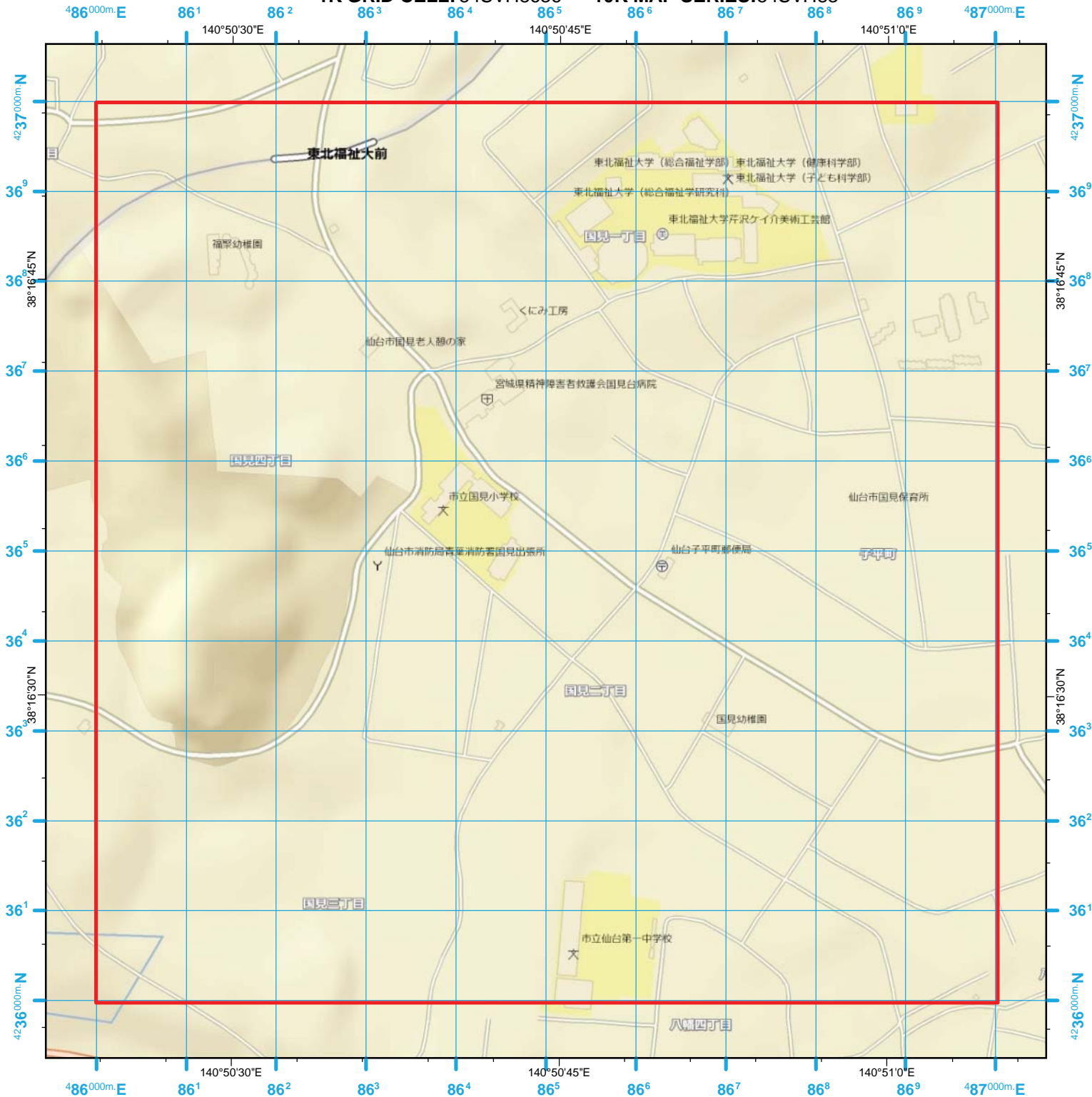
MAPSHEET 40 of 400

12	27	42	60	86
11	26	41	59	85
10	25	40	58	84
	24	39	57	83
	23	38	56	82

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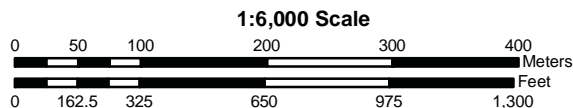
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

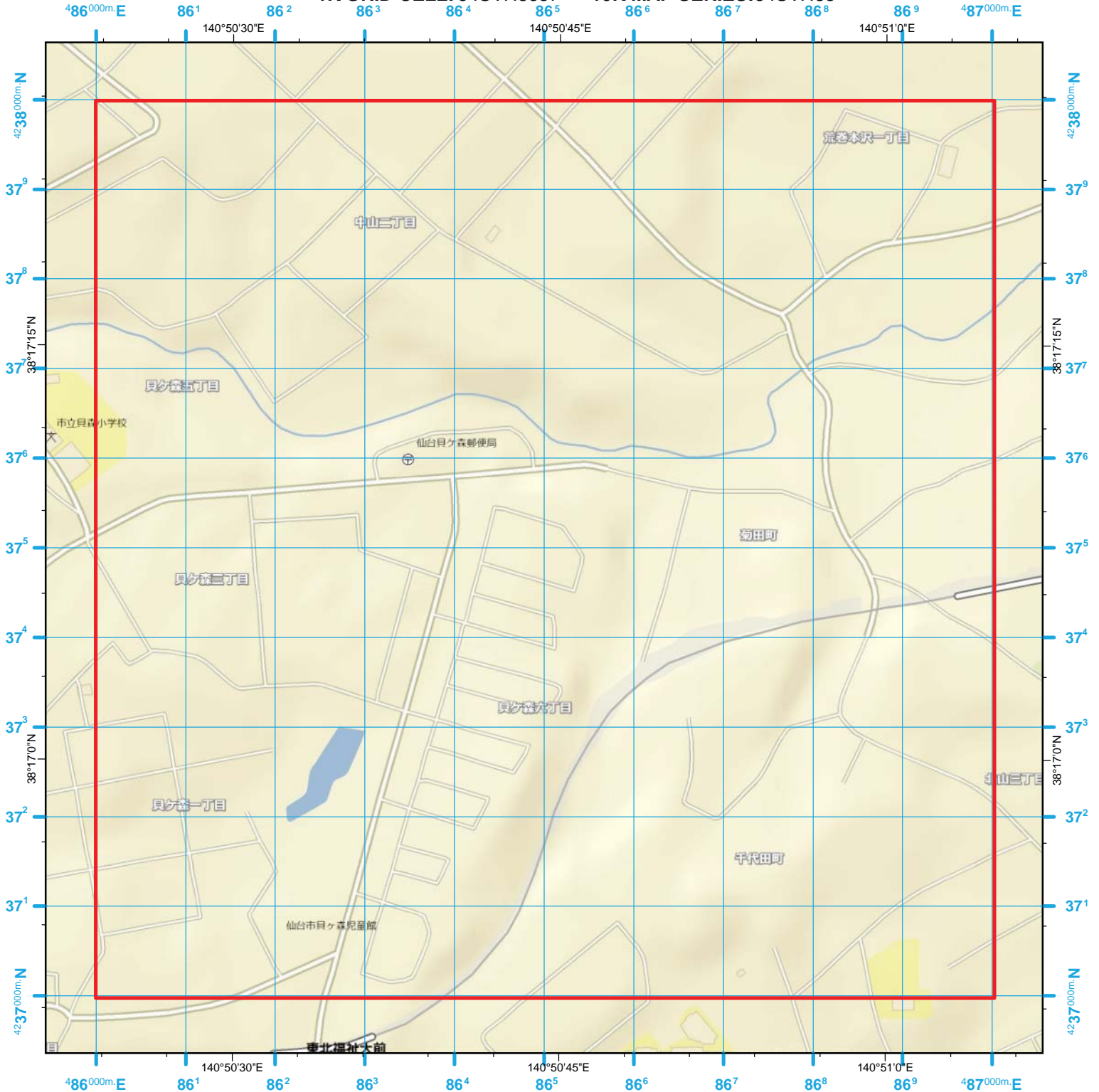
MAPSHEET 41 of 400

13	28	43	61	87
12	27	42	60	86
11	26	41	59	85
10	25	40	58	84
	24	39	57	83

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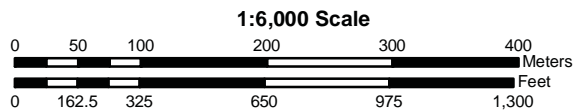
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

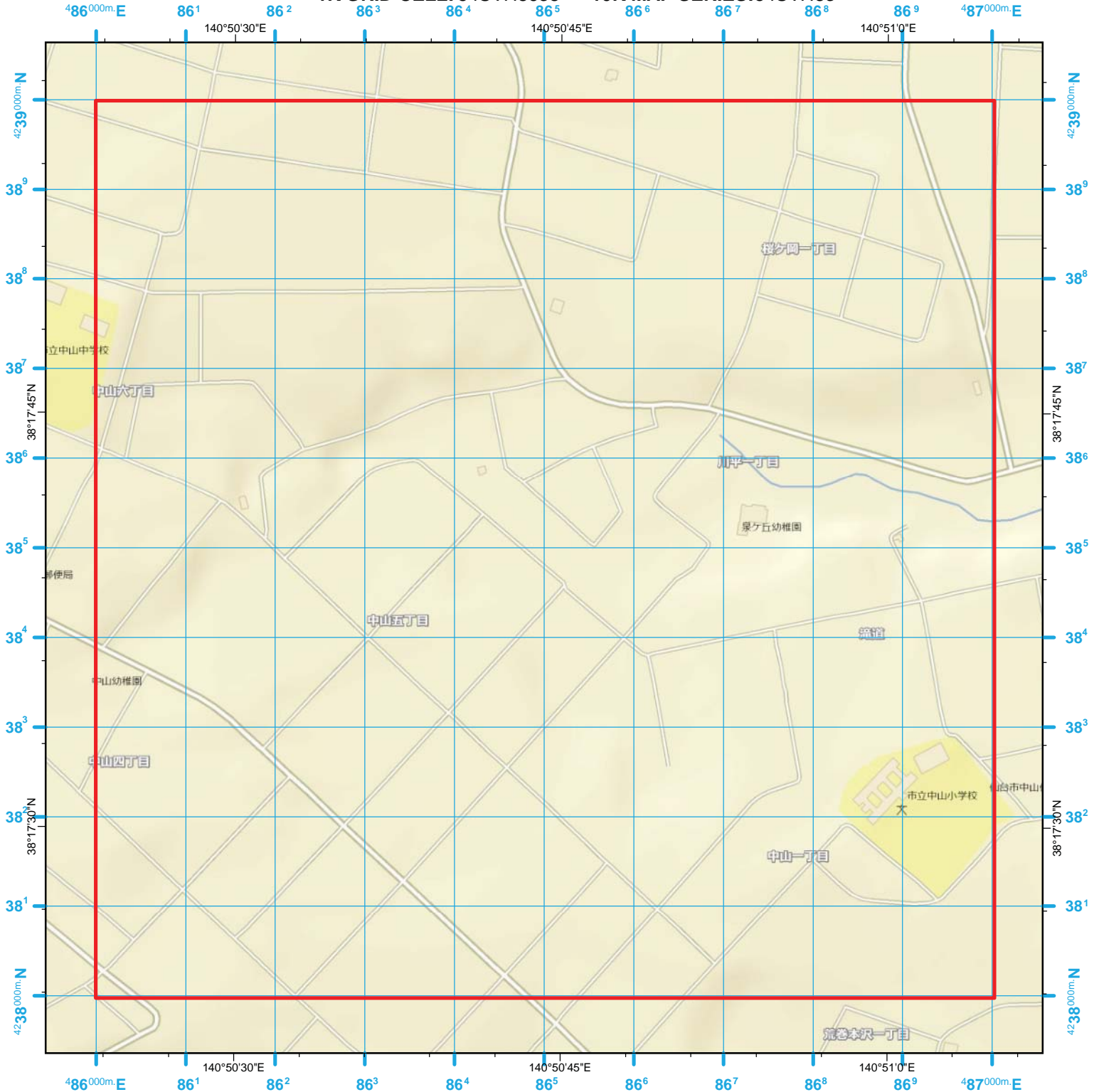
MAPSHEET 42 of 400

14	29	44	62	88
13	28	43	61	87
12	27	42	60	86
11	26	41	59	85
10	25	40	58	84

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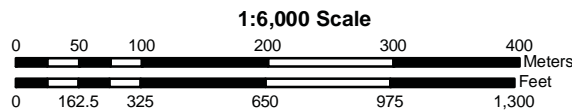
1K GRID CELL: 54SVH8638 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

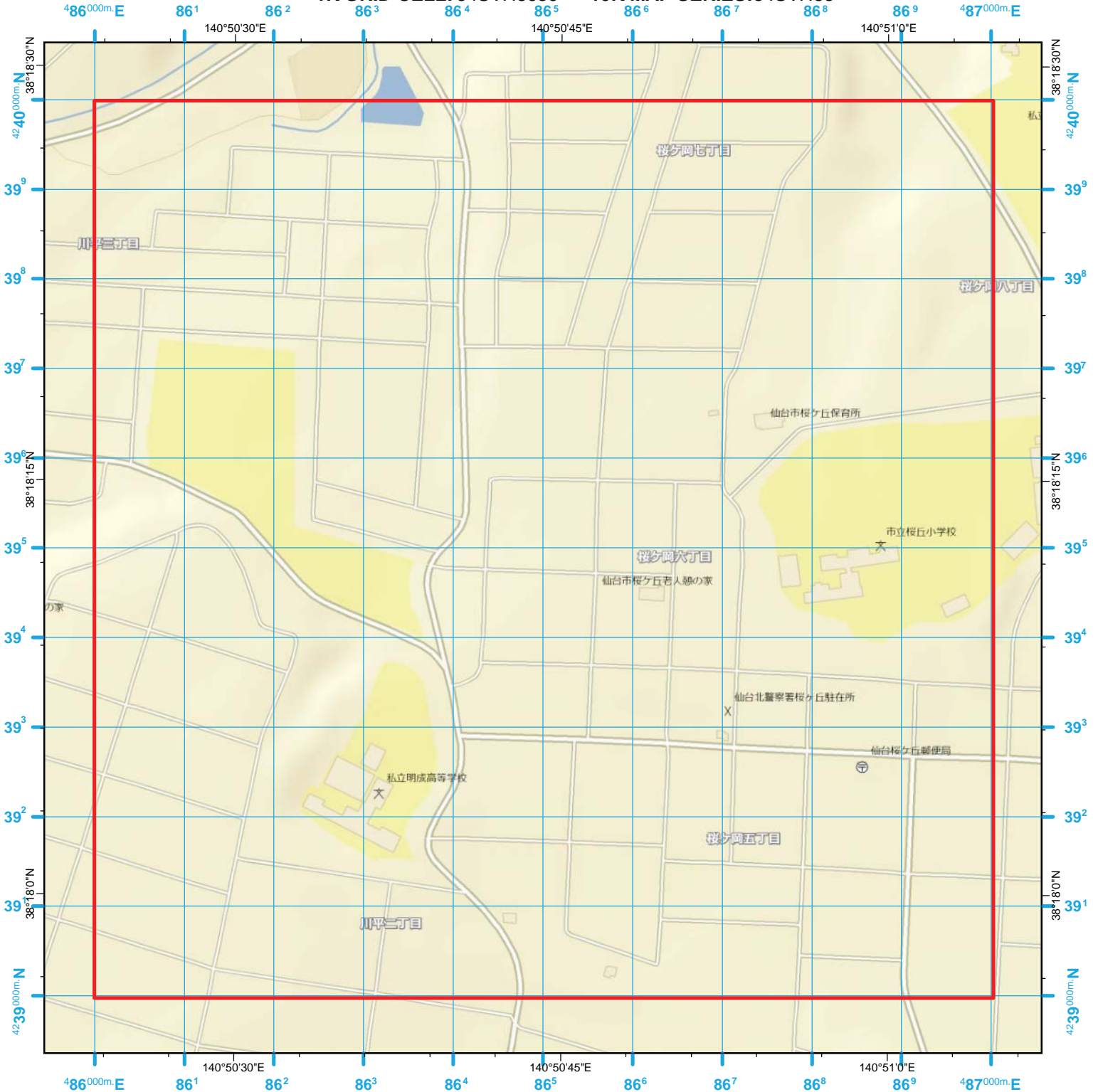
MAPSHEET 43 of 400

15	30	45	63	89
14	29	44	62	88
13	28	43	61	87
12	27	42	60	86
11	26	41	59	85

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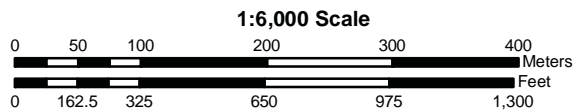
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

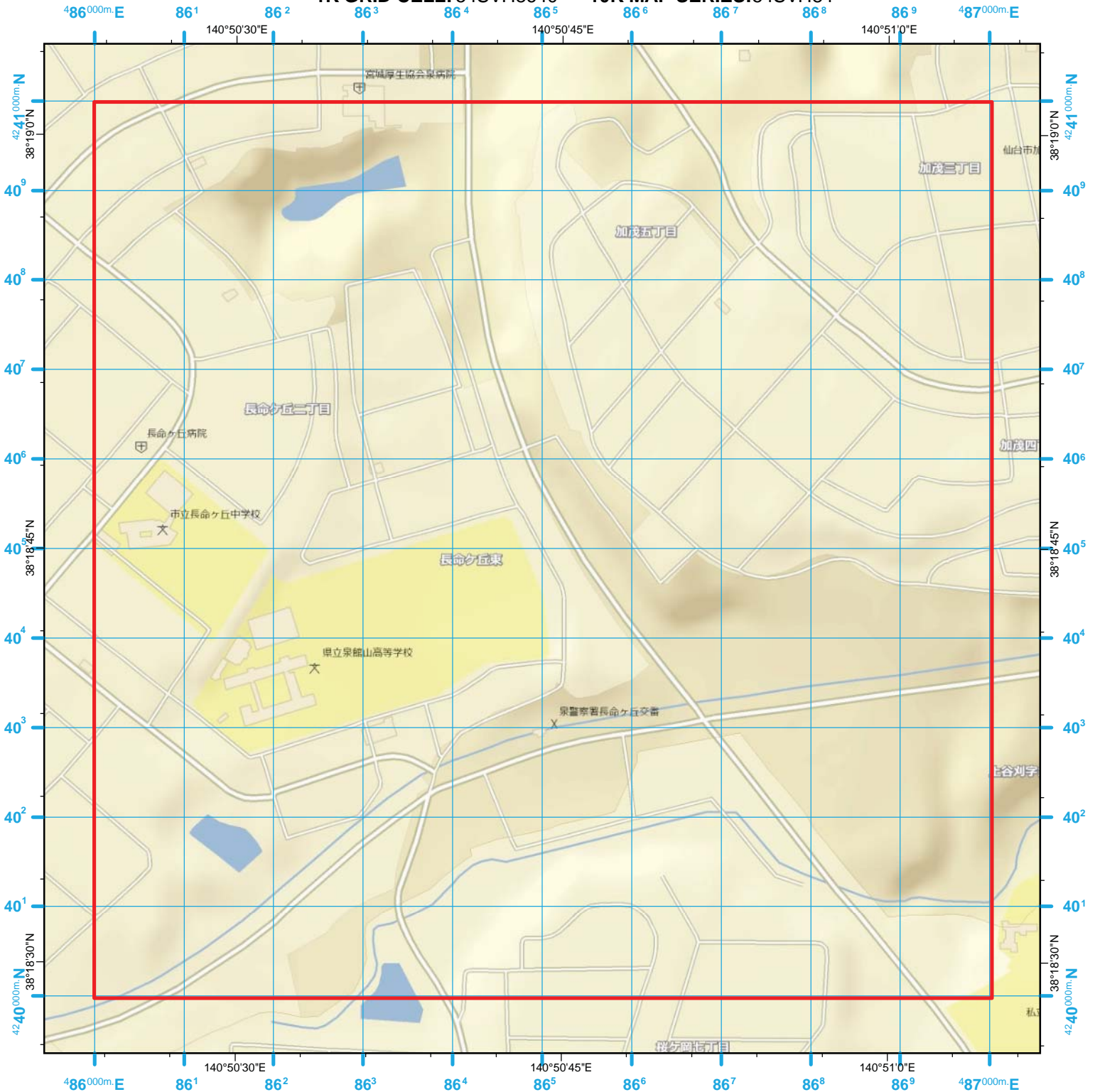
MAPSHEET 44 of 400

16	31	46	64	90
15	30	45	63	89
14	29	44	62	88
13	28	43	61	87
12	27	42	60	86

SENDAI, JAPAN

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1K GRID CELL: 54SVH8640 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



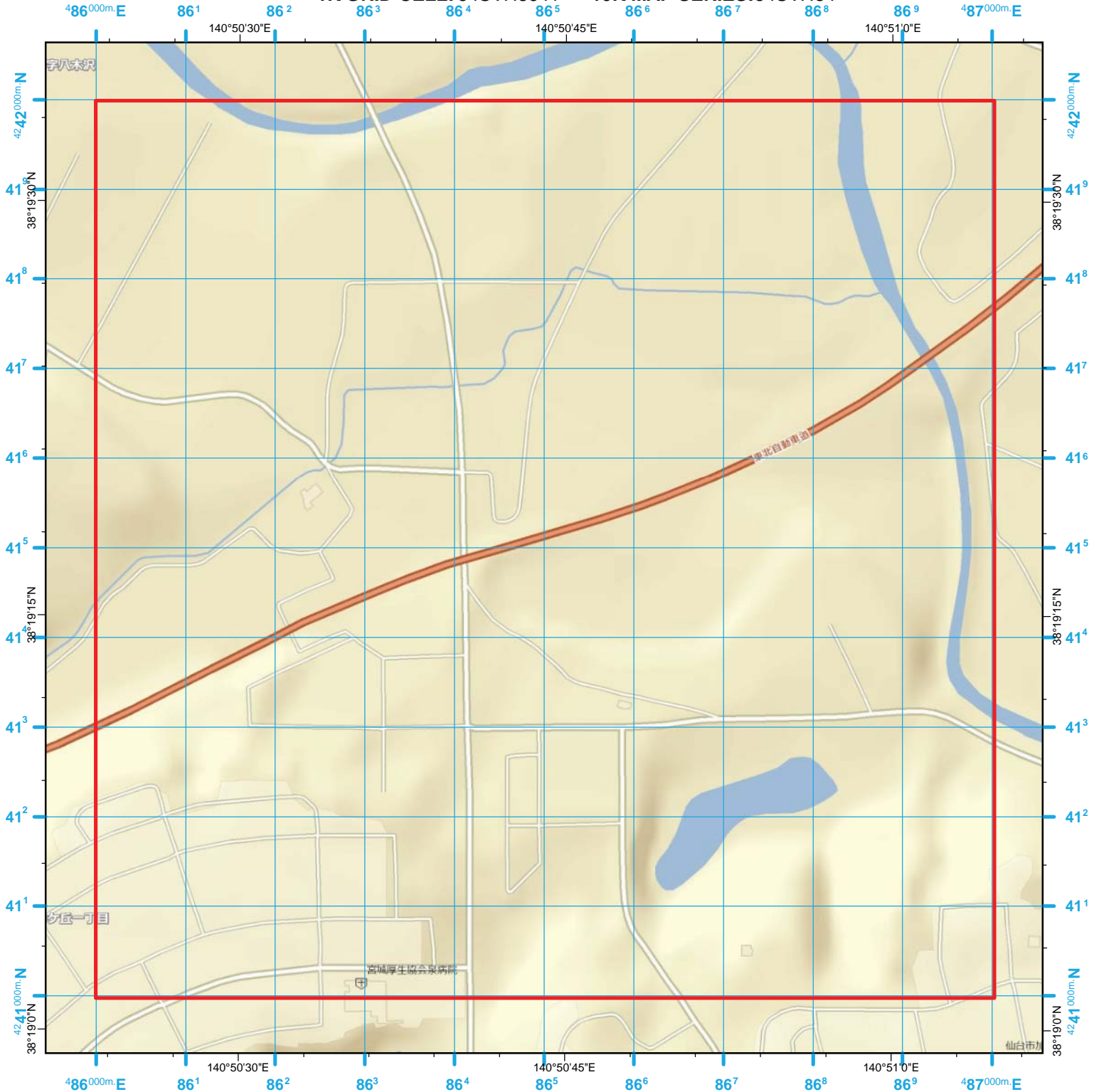
INDEX MAP

MAPSHEET 45 of 400

17	32	47	65	91
16	31	46	64	90
15	30	45	63	89
14	29	44	62	88
13	28	43	61	87

SENDAI, JAPAN

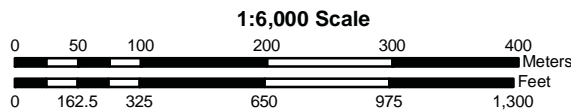
1K GRID CELL: 54SVH8641 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

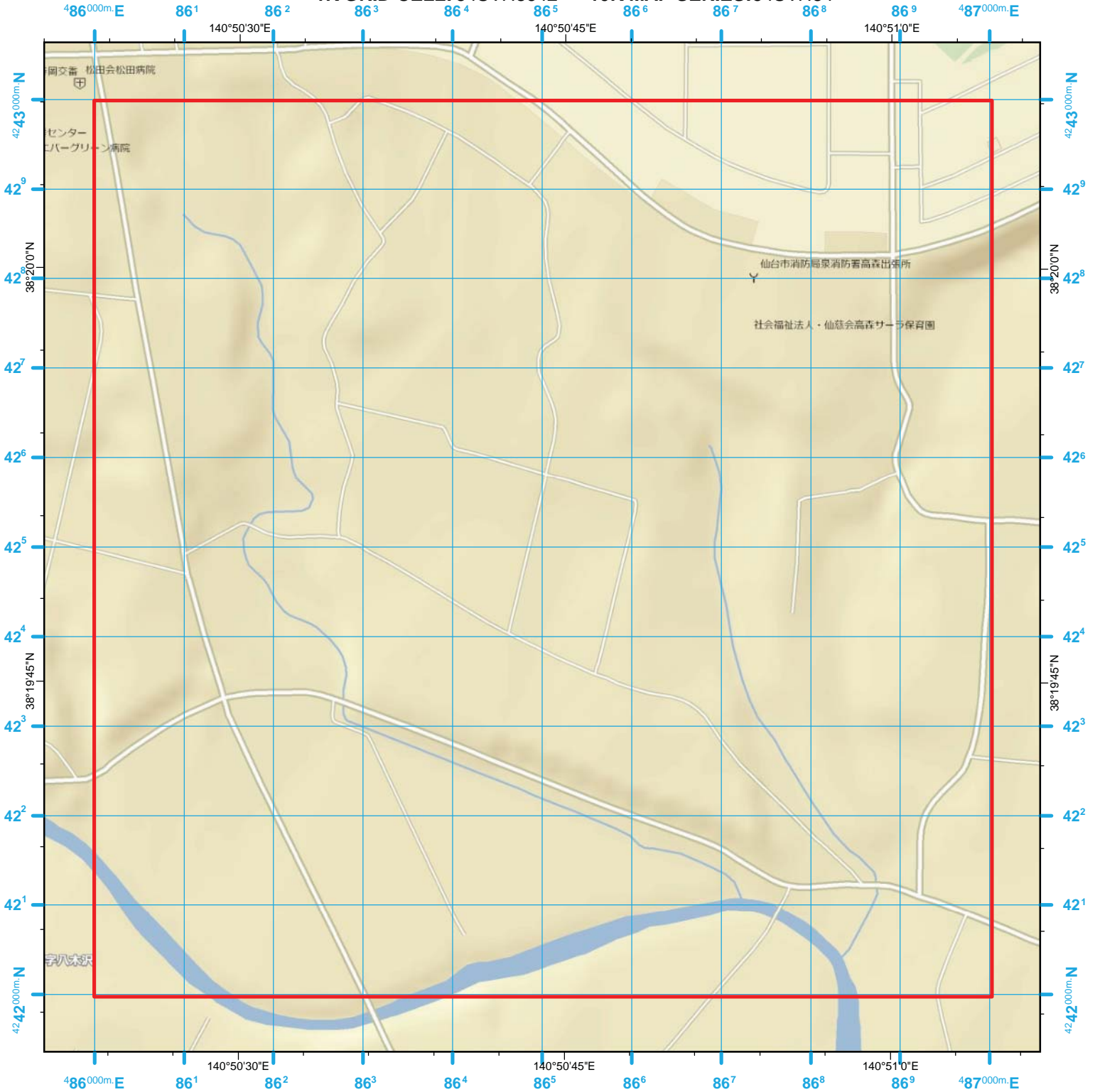
MAPSHEET 46 of 400

18	33	48	66	92
17	32	47	65	91
16	31	46	64	90
15	30	45	63	89
14	29	44	62	88

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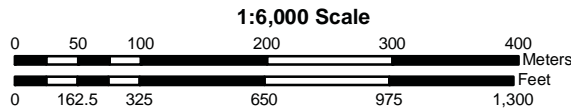
1K GRID CELL: 54SVH8642 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

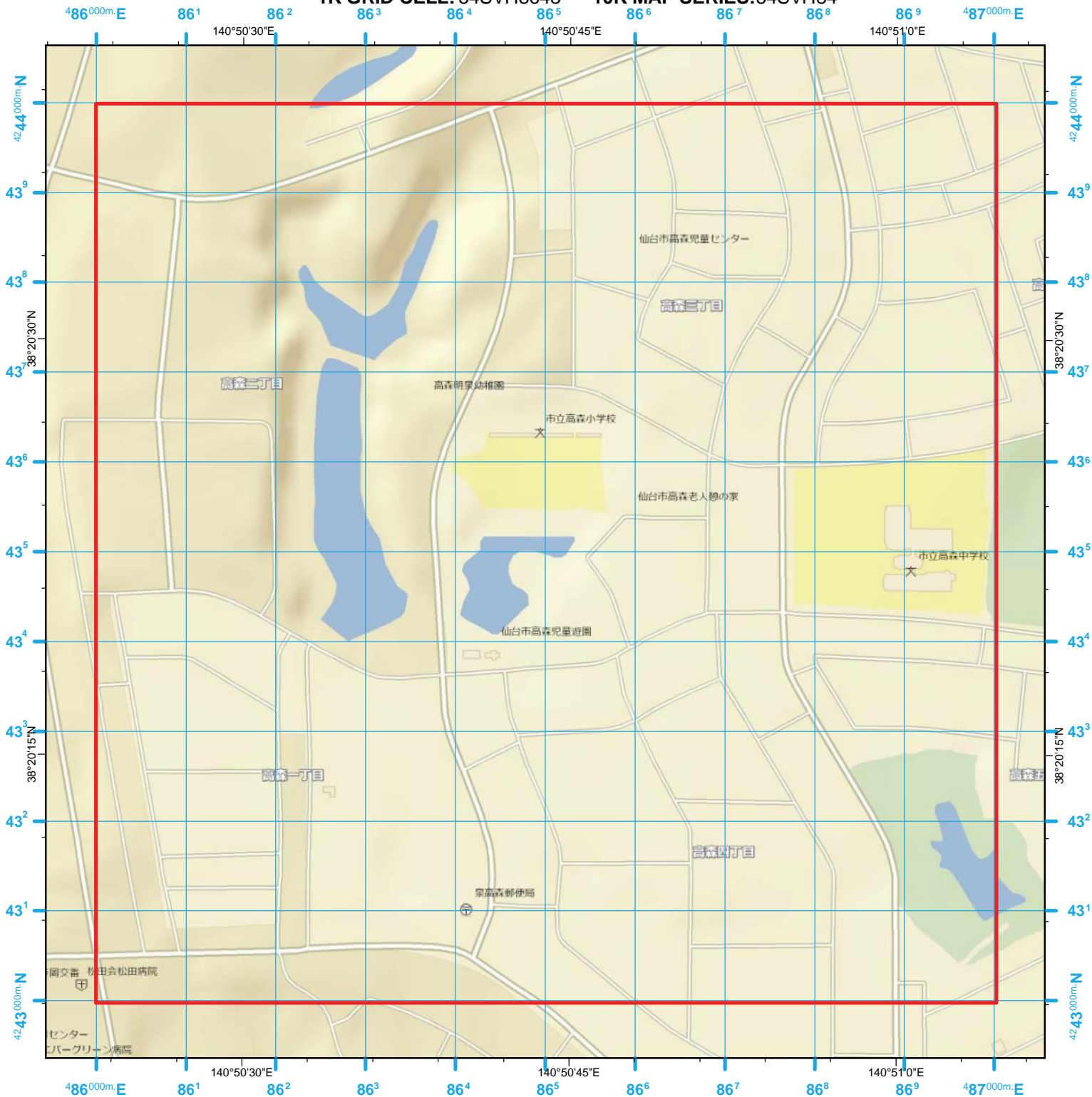
MAPSHEET 47 of 400

	49	67	93	
18	33	48	66	92
17	32	47	65	91
16	31	46	64	90
15	30	45	63	89

SENDAI, JAPAN

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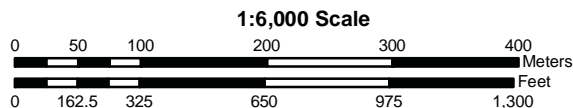
1K GRID CELL: 54SVH8643 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

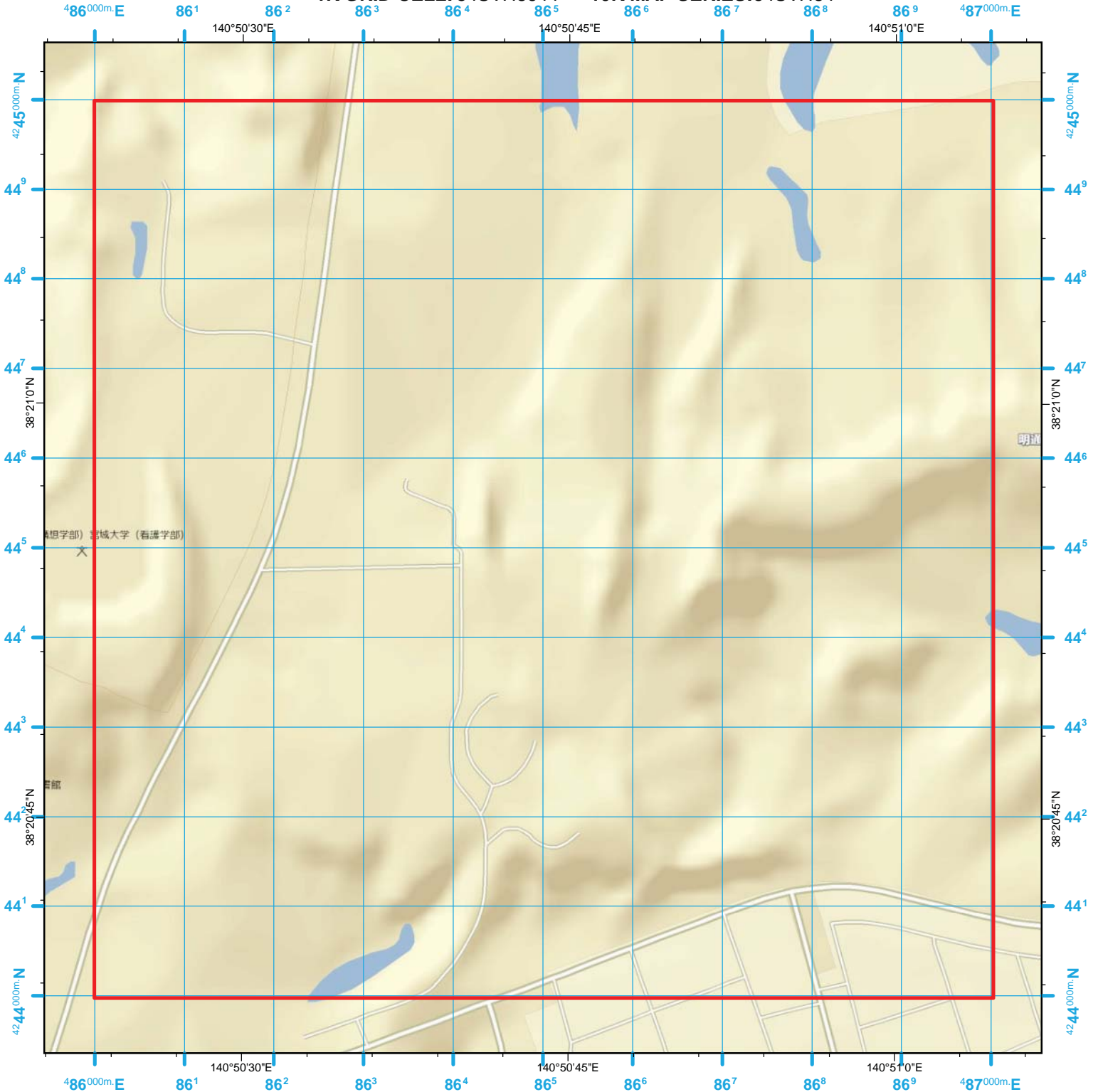


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		50	68	94
			仙台市3区	
		49	67	93
18	33	48	66	92
17	32	47	65	91
16	31	46	64	90

SENDAI, JAPAN

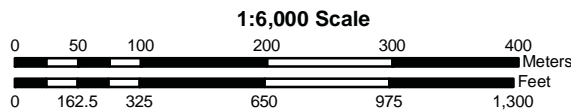
1K GRID CELL: 54SVH8644 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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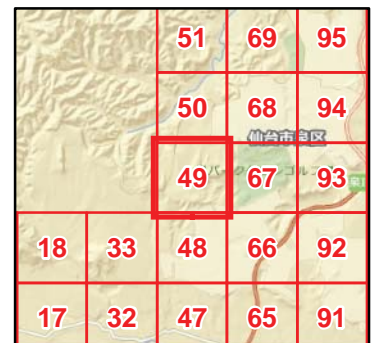
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

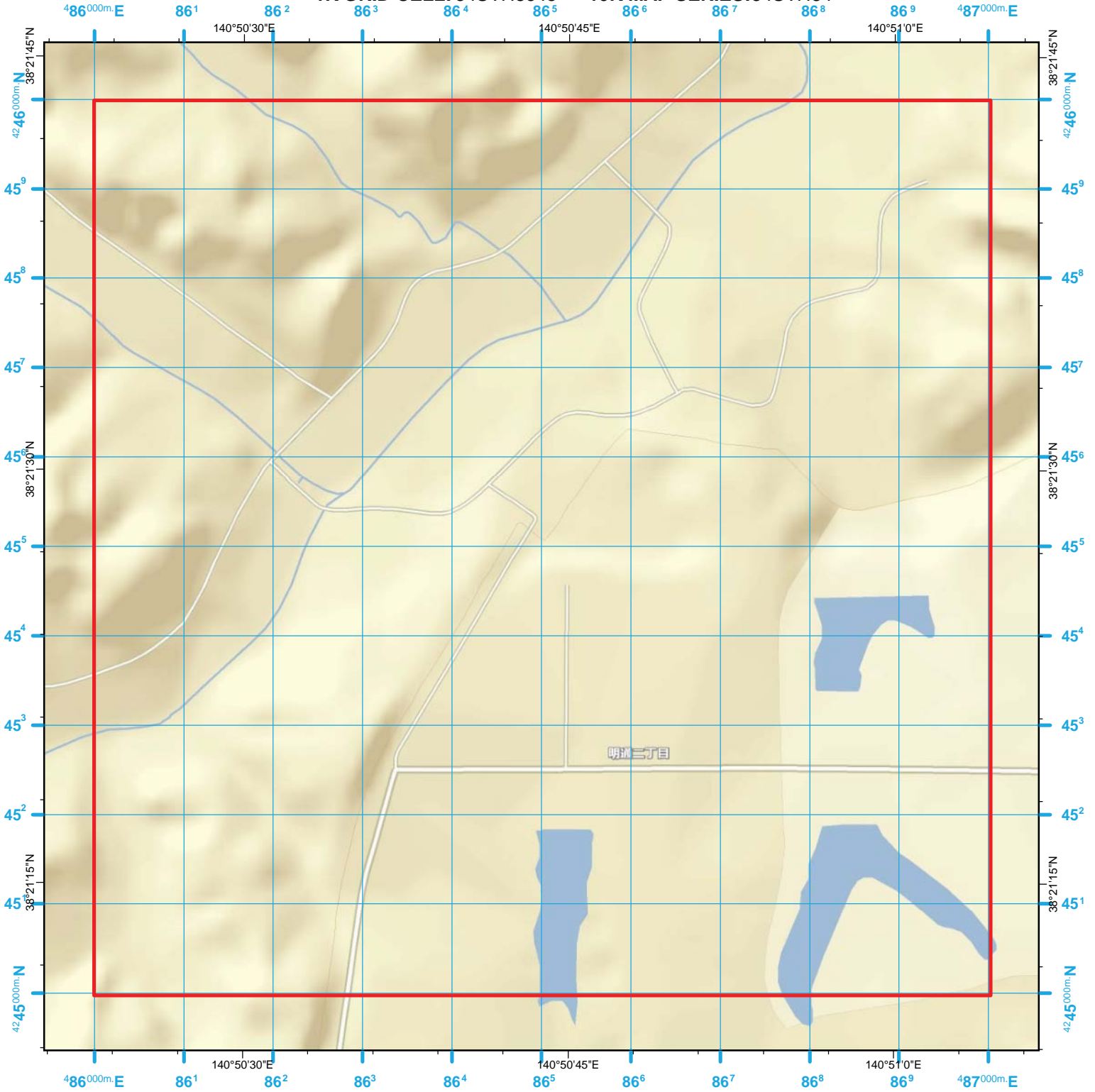


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SENDAI, JAPAN

1K GRID CELL: 54SVH8645 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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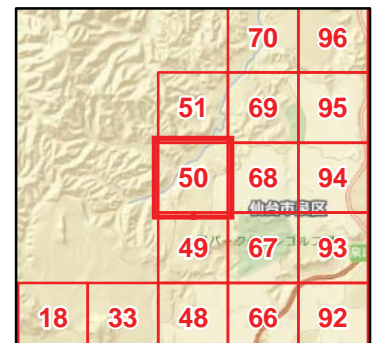
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

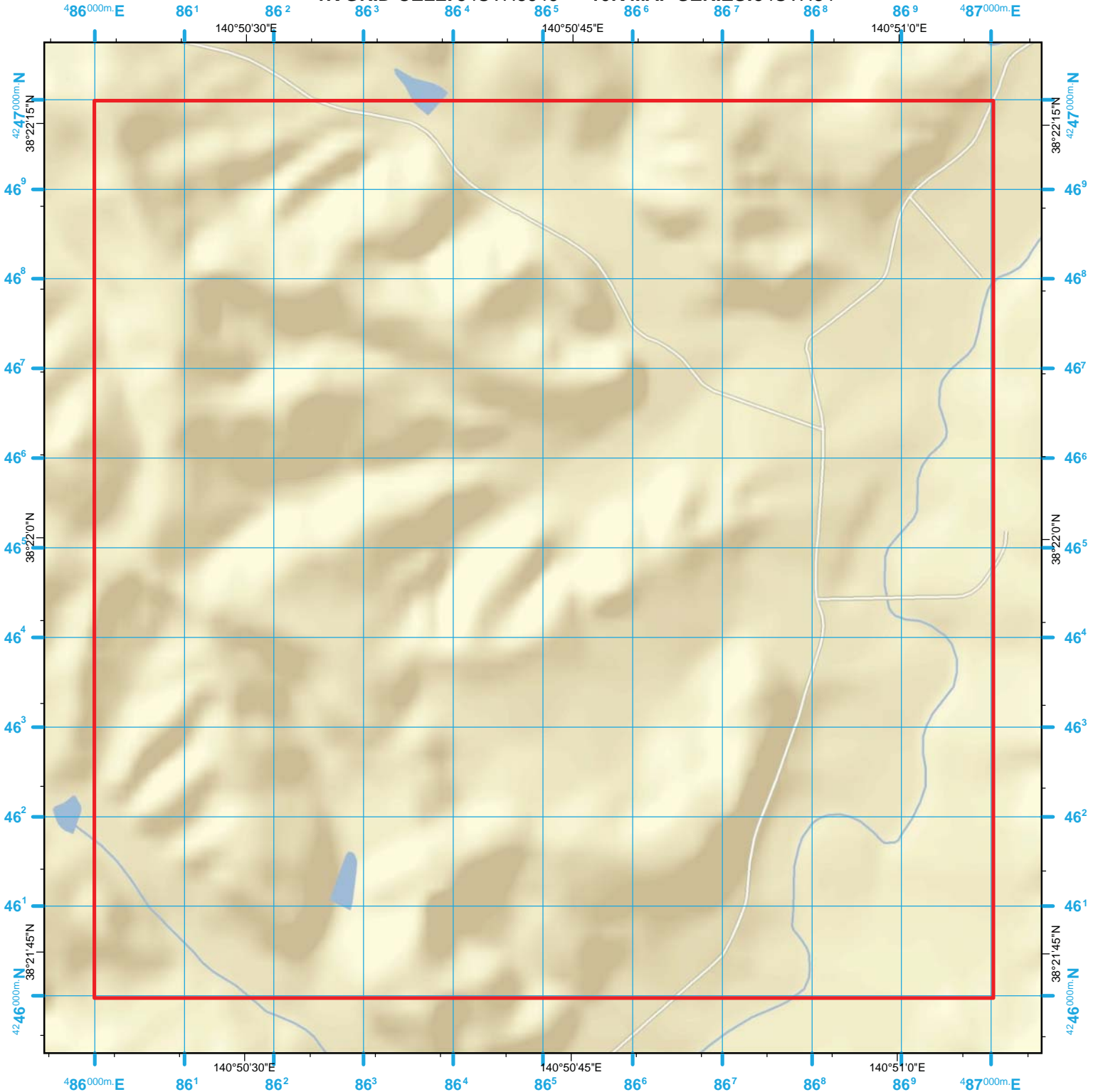


INDEX MAP
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SENDAI, JAPAN

1K GRID CELL: 54SVH8646 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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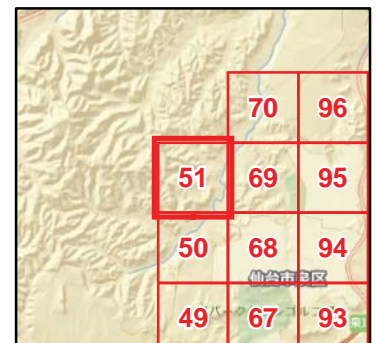
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



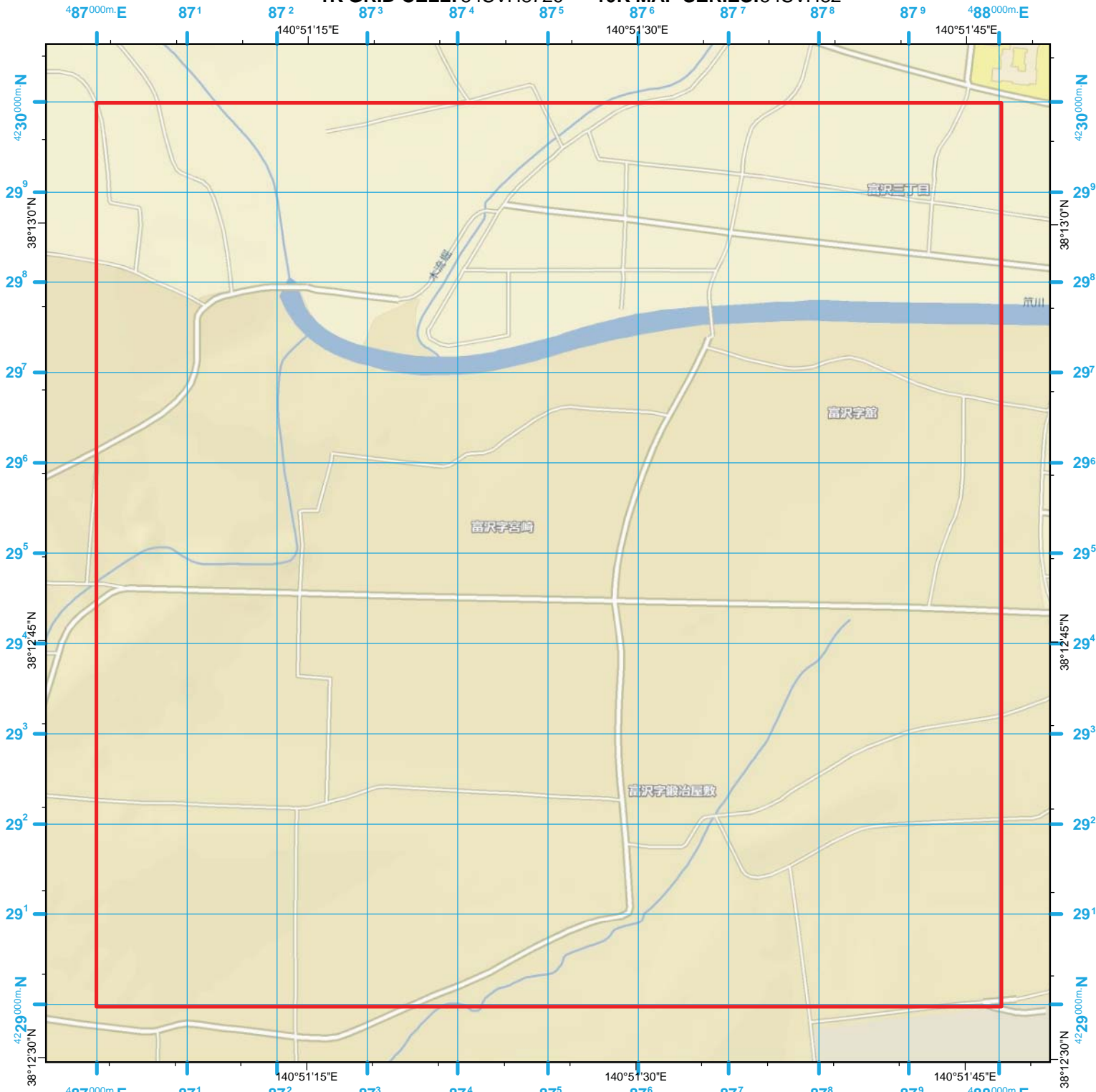
INDEX MAP
MAPSHEET 51 of 400



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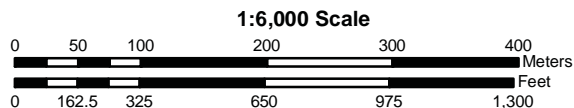
1K GRID CELL: 54SVH8729 10K MAP SERIES: 54SVH82



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

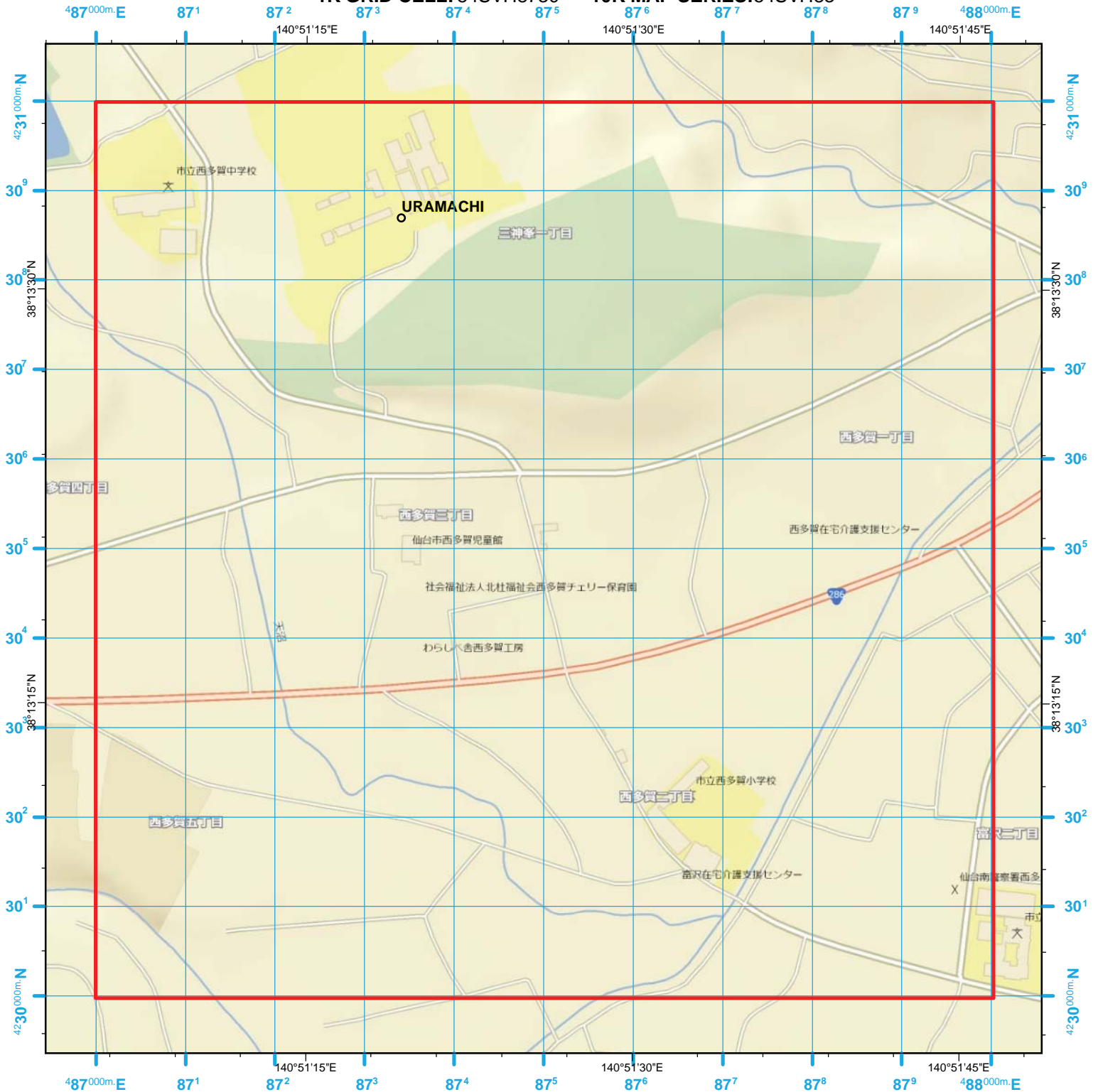
MAPSHEET 52 of 400

21	36	54	80	106
20	35	53	79	105
19	34	52	78	104
			77	103
			76	102

SENDAI, JAPAN

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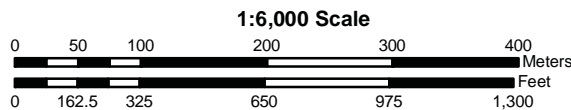
1K GRID CELL: 54SVH8730 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

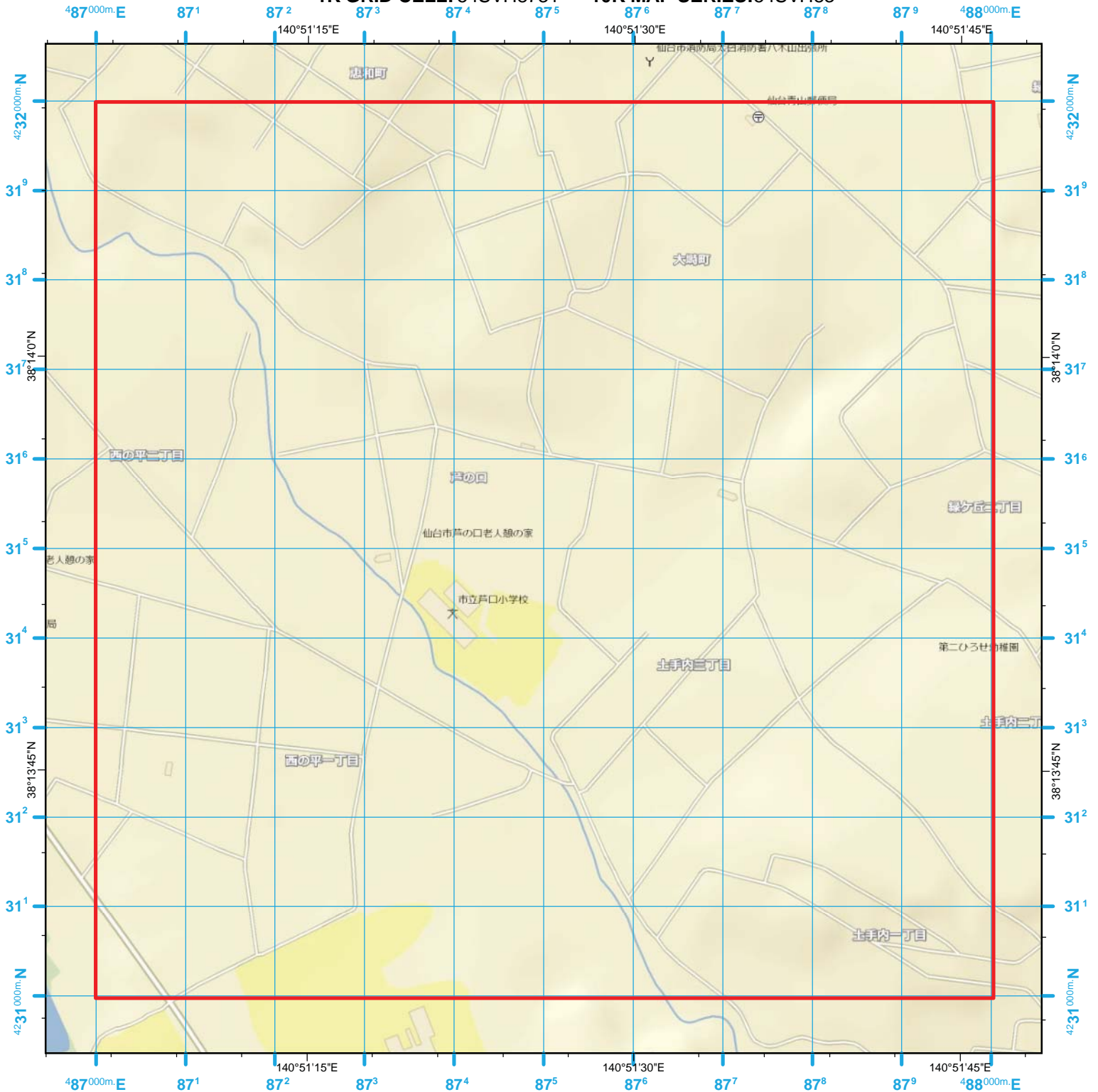
MAPSHEET 53 of 400

22	37	55	81	107
21	36	54	80	106
20	35	53	79	105
19	34	52	78	104
			77	103

SENDAI, JAPAN

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1K GRID CELL: 54SVH8731 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale

INDEX MAP

MAPSHEET 54 of 400

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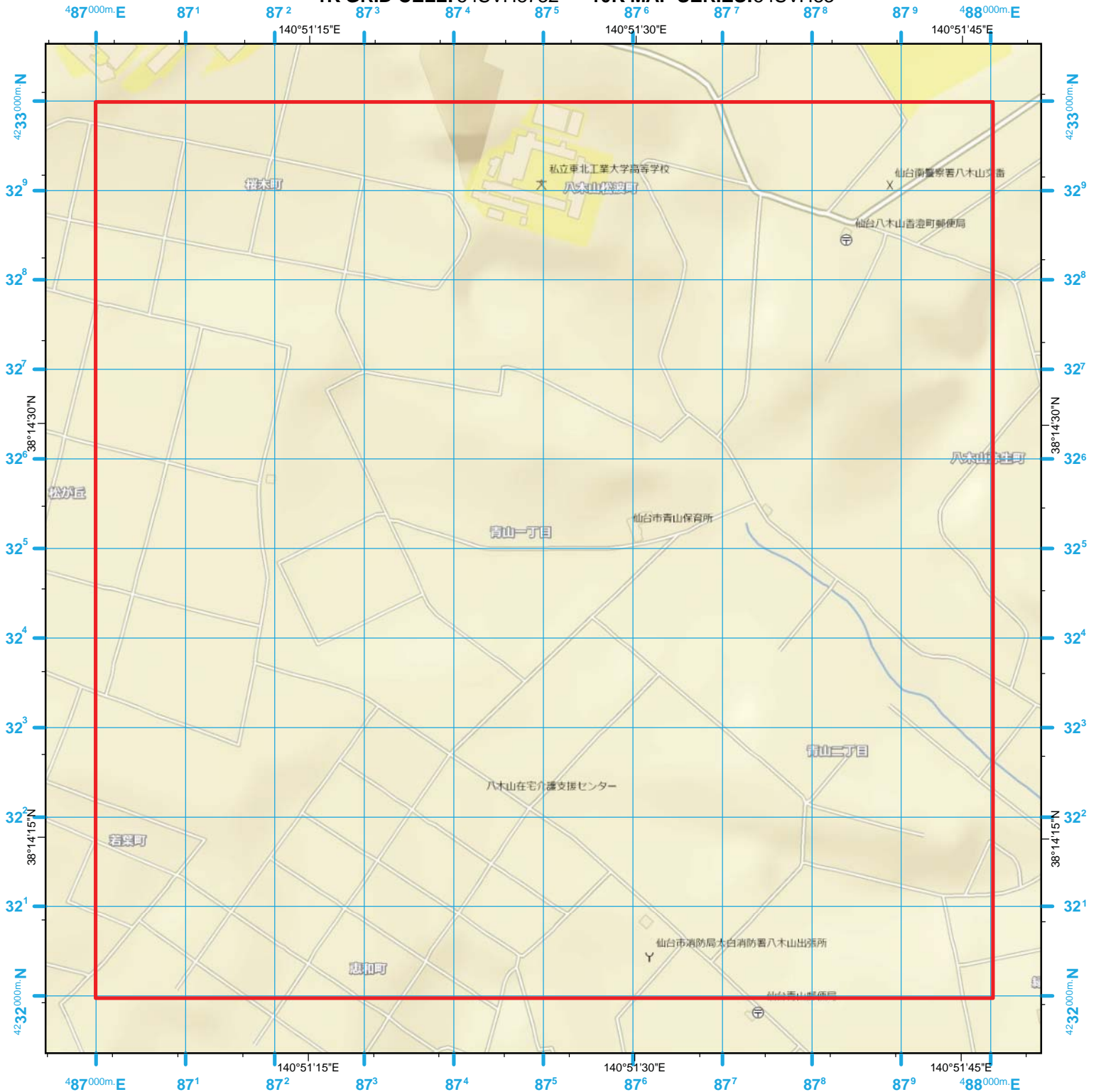


23	38	56	82	108
22	37	55	81	107
21	36	54	80	106
20	35	53	79	105
19	34	52	78	104

SENDAI, JAPAN

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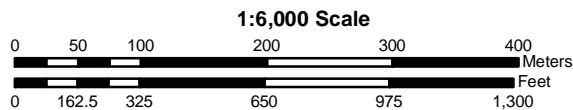
1K GRID CELL: 54SVH8732 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

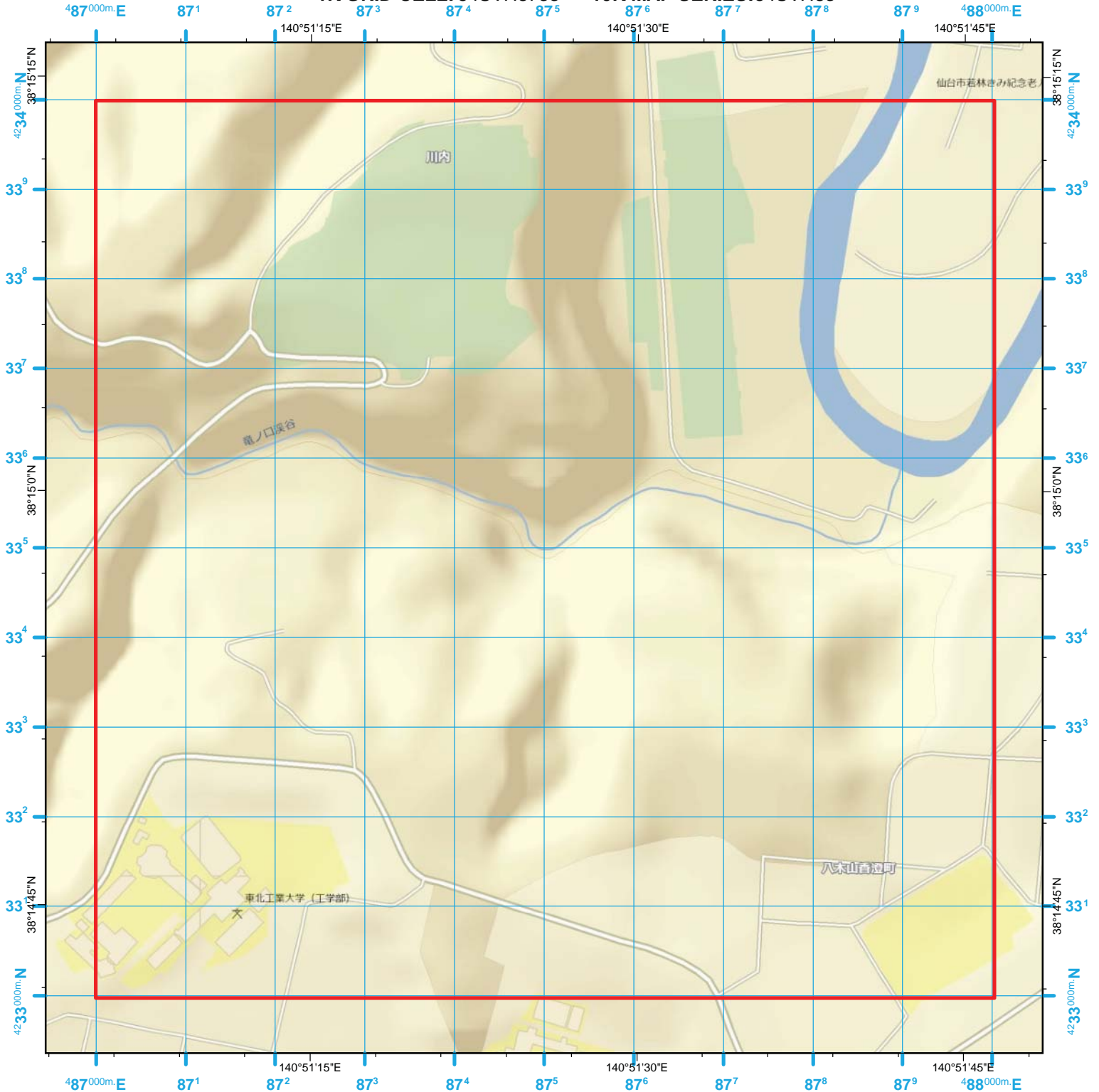
MAPSHEET 55 of 400

24	39	57	83	109
23	38	56	82	108
22	37	55	81	107
21	36	54	80	106
20	35	53	79	105

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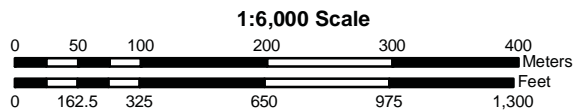
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



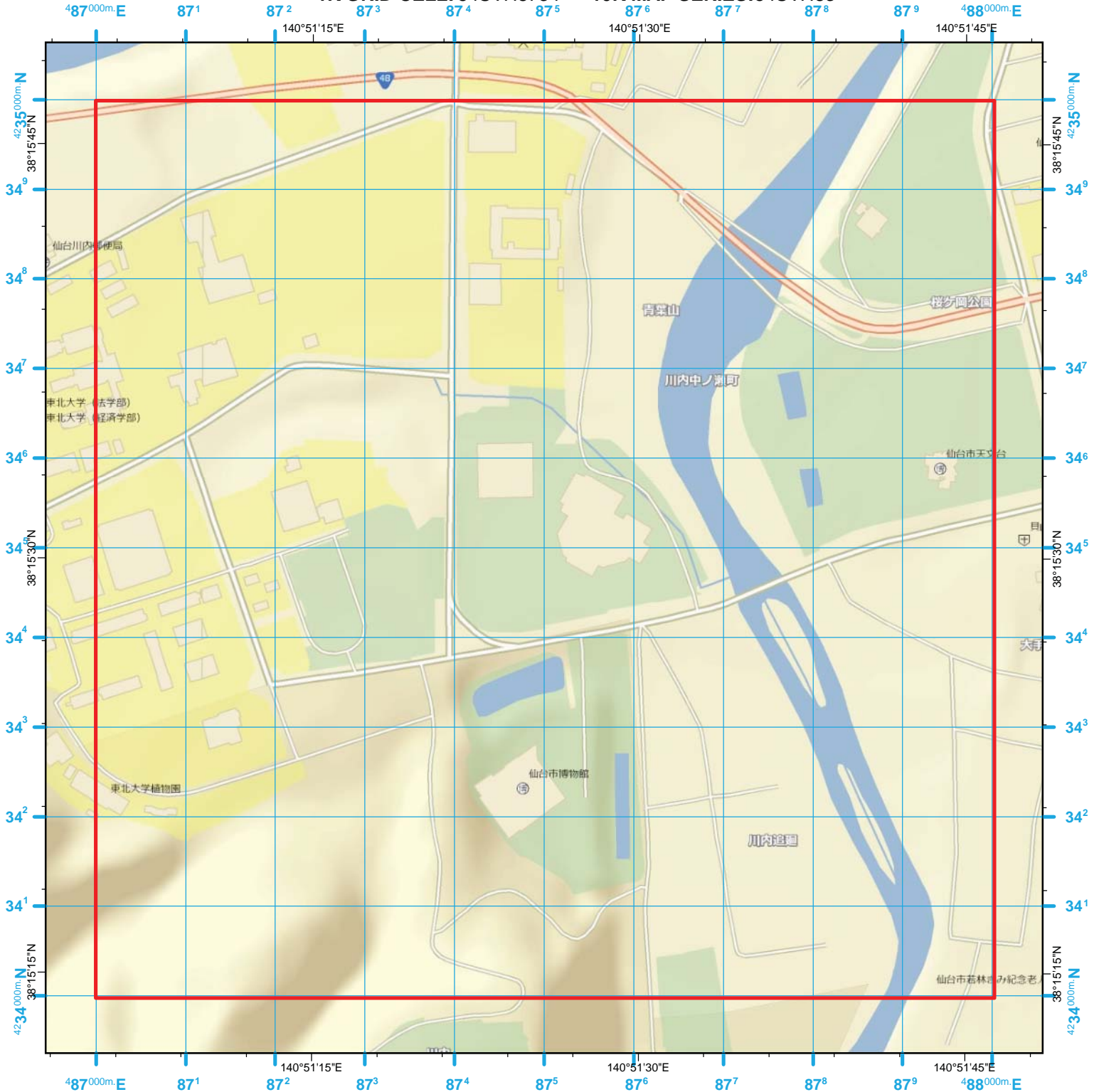
INDEX MAP

MAPSHEET 56 of 400

25	40	58	84	110
24	39	57	83	109
23	38	56	82	108
22	37	55	81	107
21	36	54	80	106

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1K GRID CELL: 54SVH8734 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



INDEX MAP

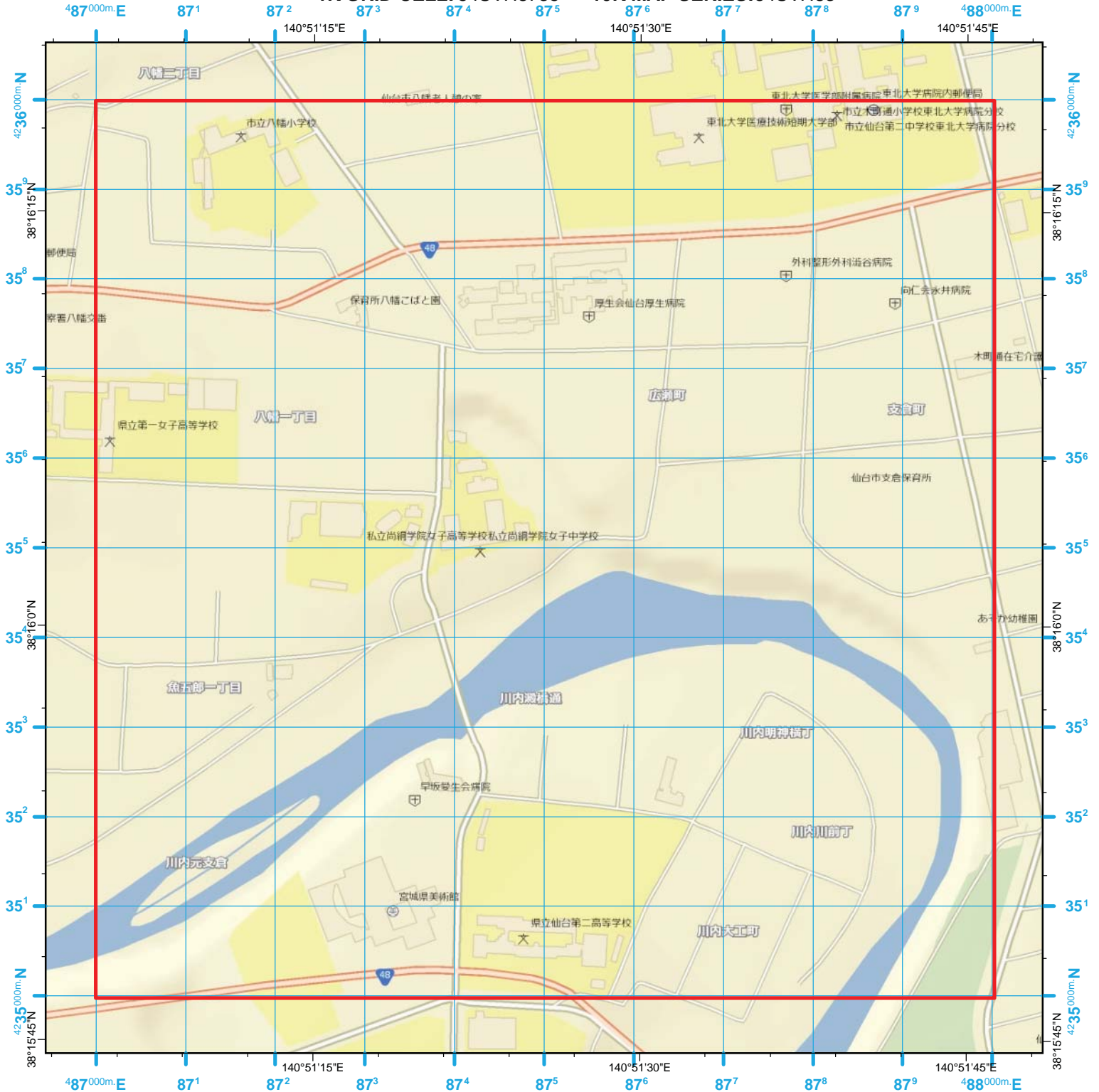
MAPSHEET 57 of 400

26	41	59	85	111
25	40	58	84	110
24	39	57	83	109
23	38	56	82	108
22	37	55	81	107

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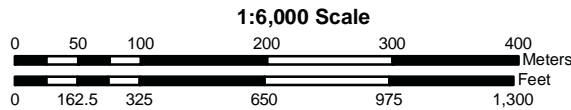
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale

INDEX MAP

MAPSHEET 58 of 400

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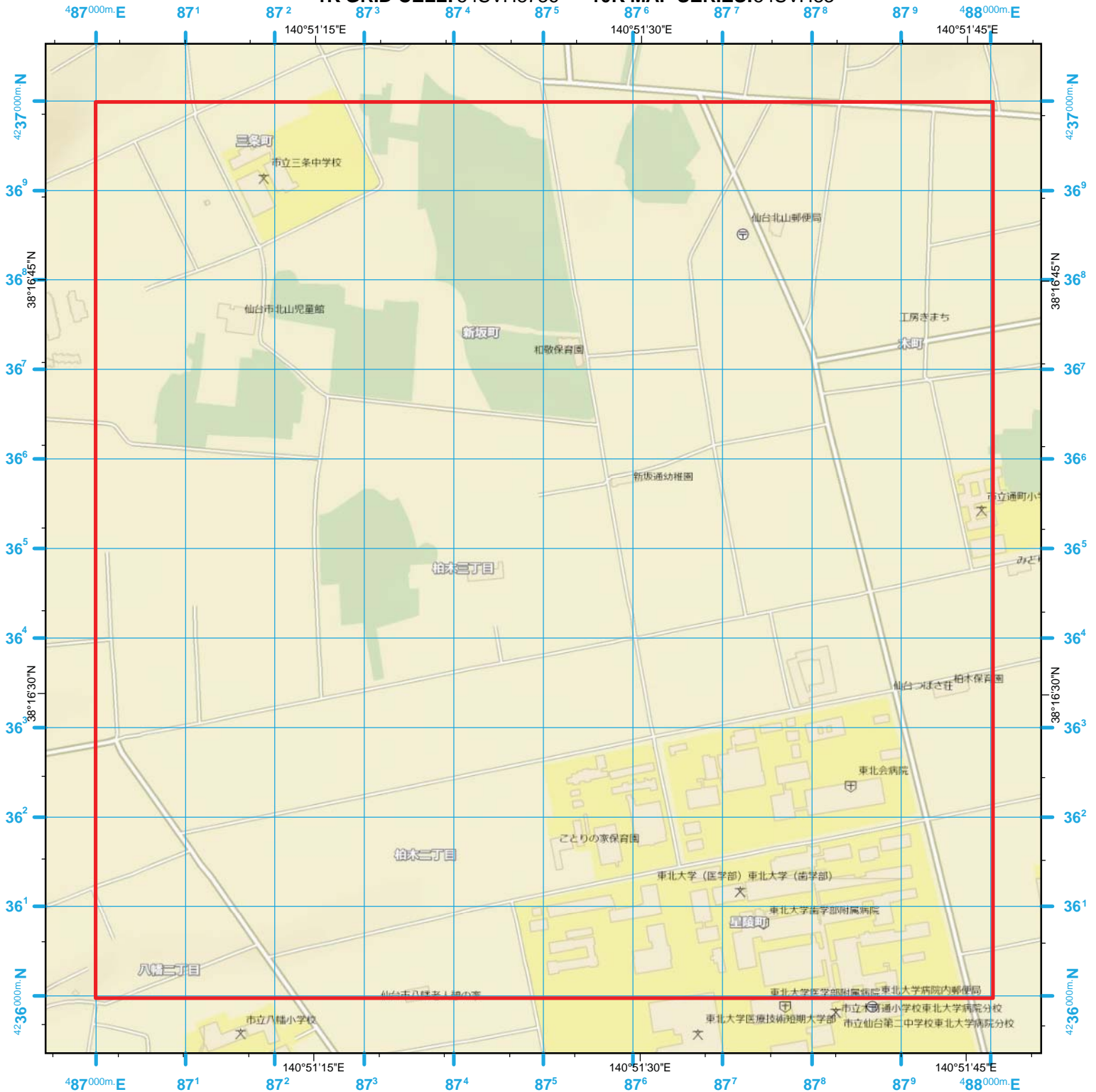


27	42	60	86	112
26	41	59	85	111
25	40	58	84	110
24	39	57	83	109
23	38	56	82	108

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1K GRID CELL: 54SVH8736 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
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MGRS
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VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale

INDEX MAP

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SENDAI, JAPAN

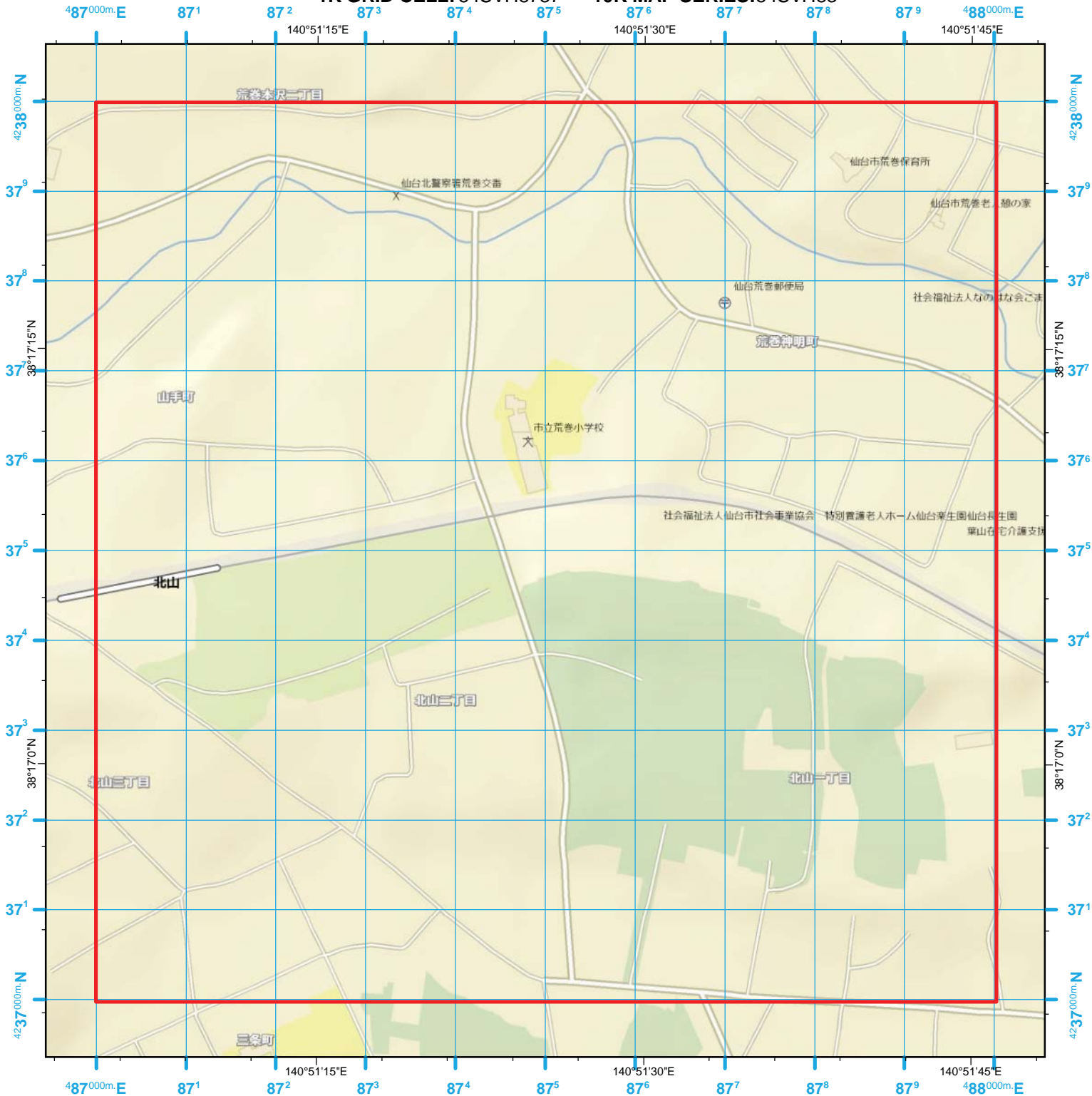


28	43	61	87	113
27	42	60	86	112
26	41	59	85	111
25	40	58	84	110
24	39	57	83	109

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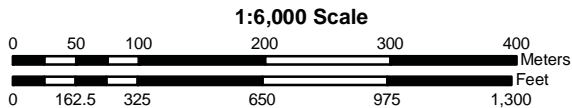
1K GRID CELL: 54SVH8737 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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54S
Grid Zone Designation



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- H Hospital
- P Police
- School



INDEX MAP

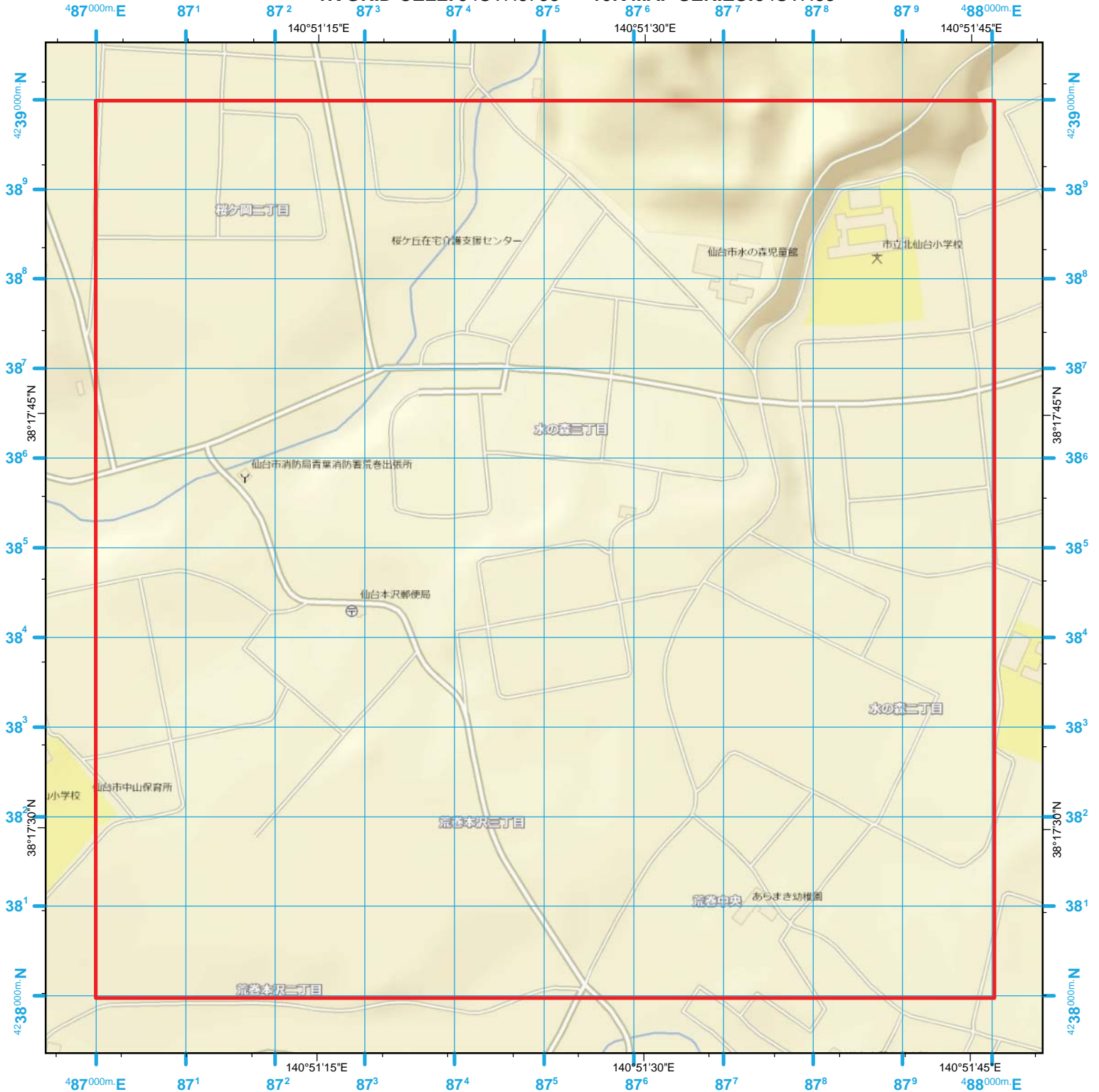
MAPSHEET 60 of 400

29	44	62	88	114
28	43	61	87	113
27	42	60	86	112
26	41	59	85	111
25	40	58	84	110

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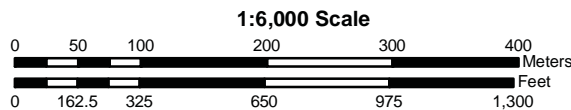
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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VH
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Grid Zone Designation



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- P Police
- S School



INDEX MAP

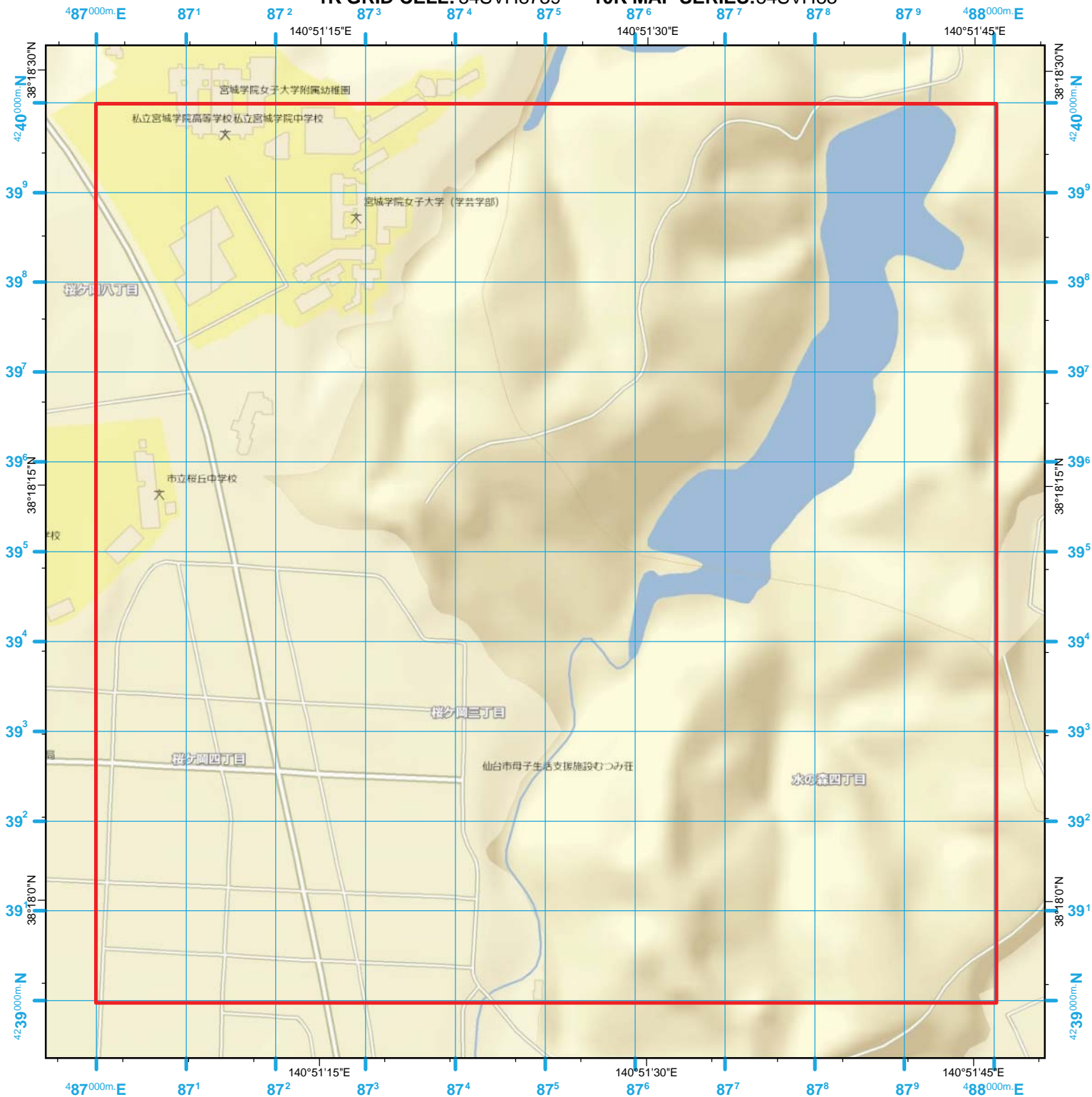
MAPSHEET 61 of 400

30	45	63	89	115
29	44	62	88	114
28	43	61	87	113
27	42	60	86	112
26	41	59	85	111

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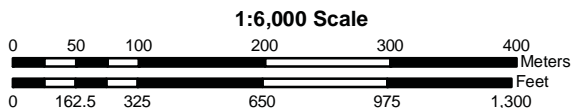
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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VH
54S
Grid Zone Designation



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- H Hospital
- P Police
- School

INDEX MAP

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31	46	64	90	116
30	45	63	89	115
29	44	62	88	114
28	43	61	87	113
27	42	60	86	112

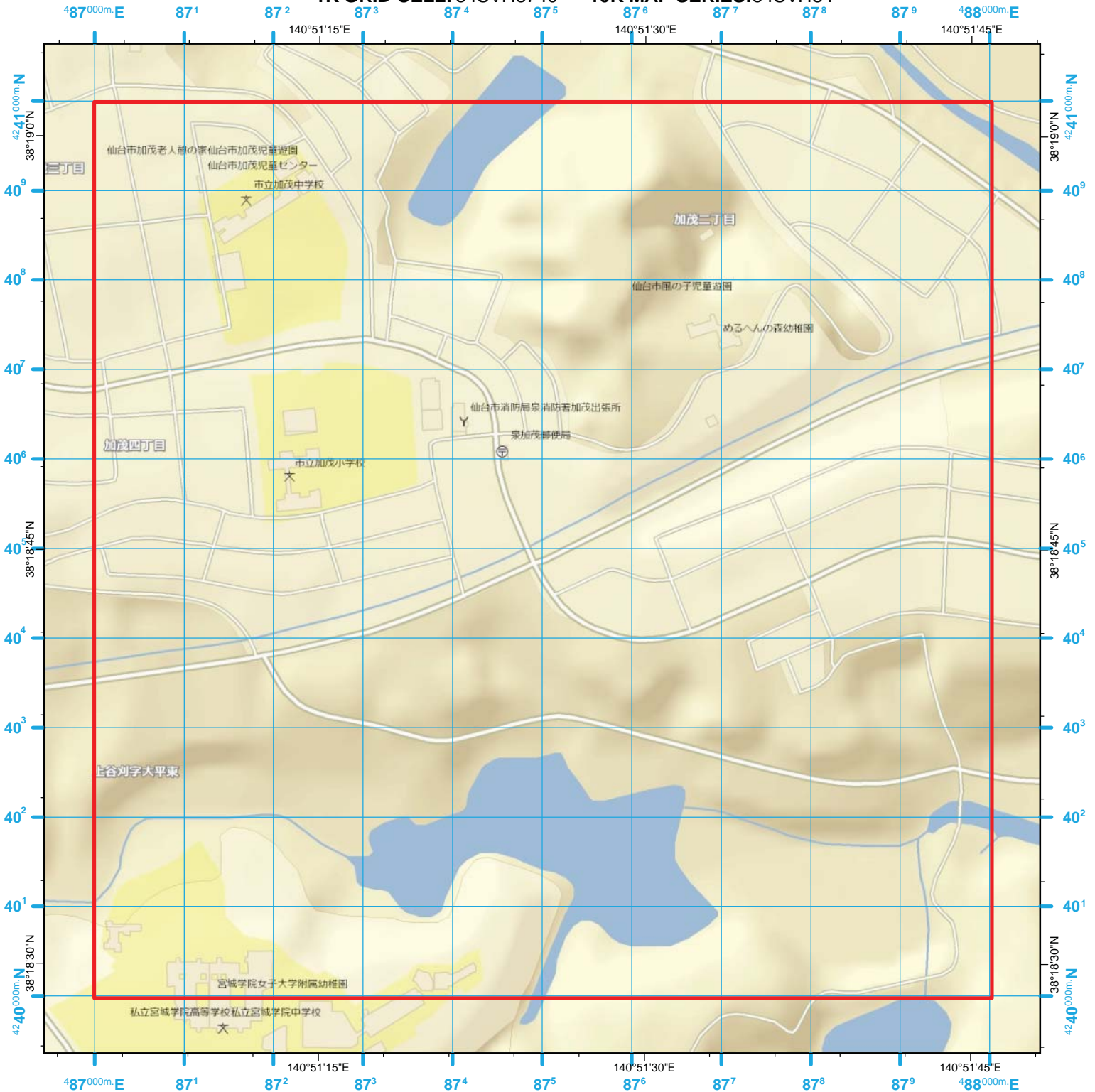
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1K GRID CELL: 54SVH8740 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



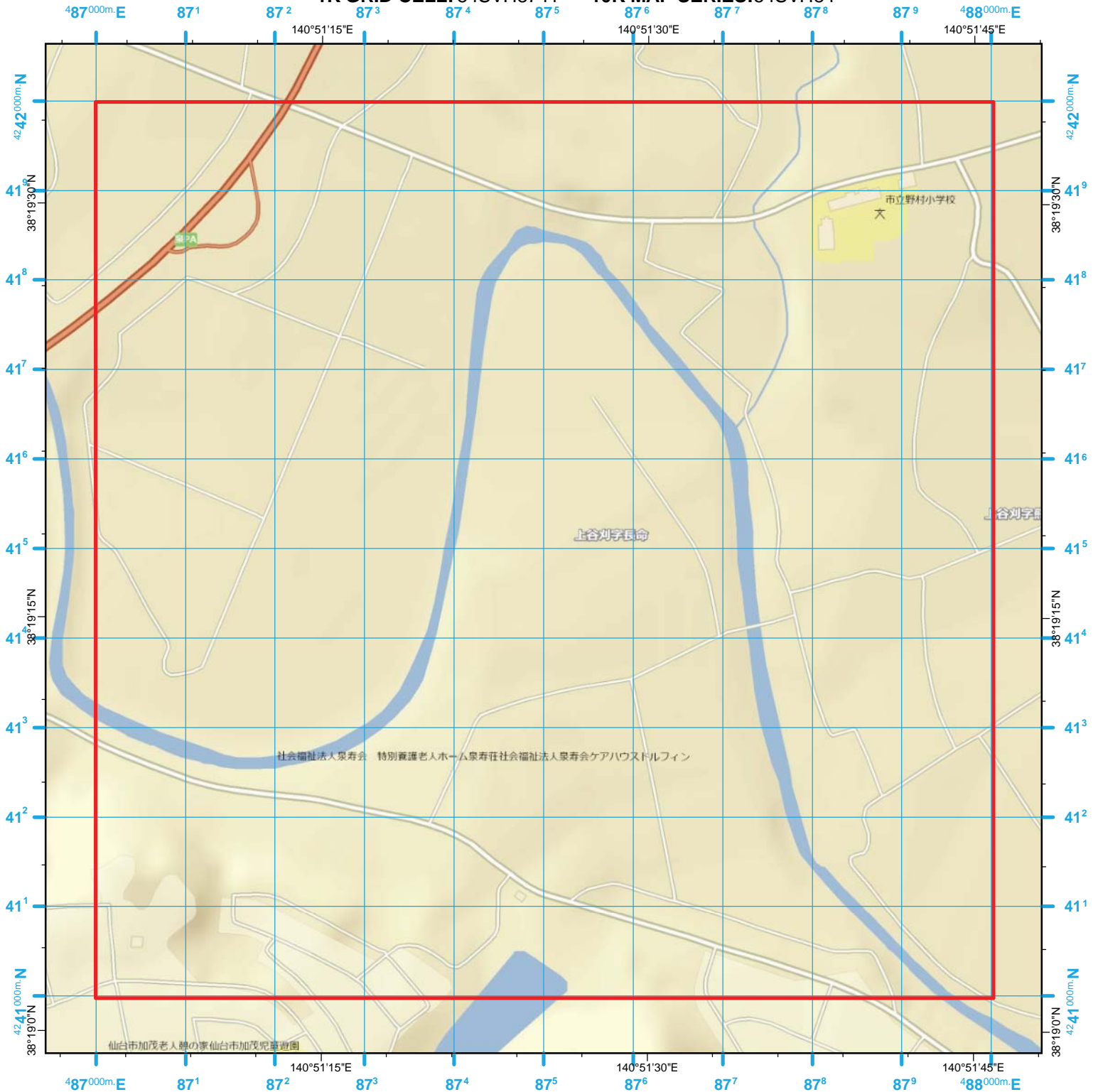
INDEX MAP

MAPSHEET 63 of 400

32	47	65	91	117
31	46	64	90	116
30	45	63	89	115
29	44	62	88	114
28	43	61	87	113

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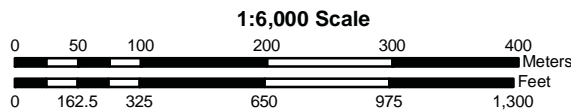
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



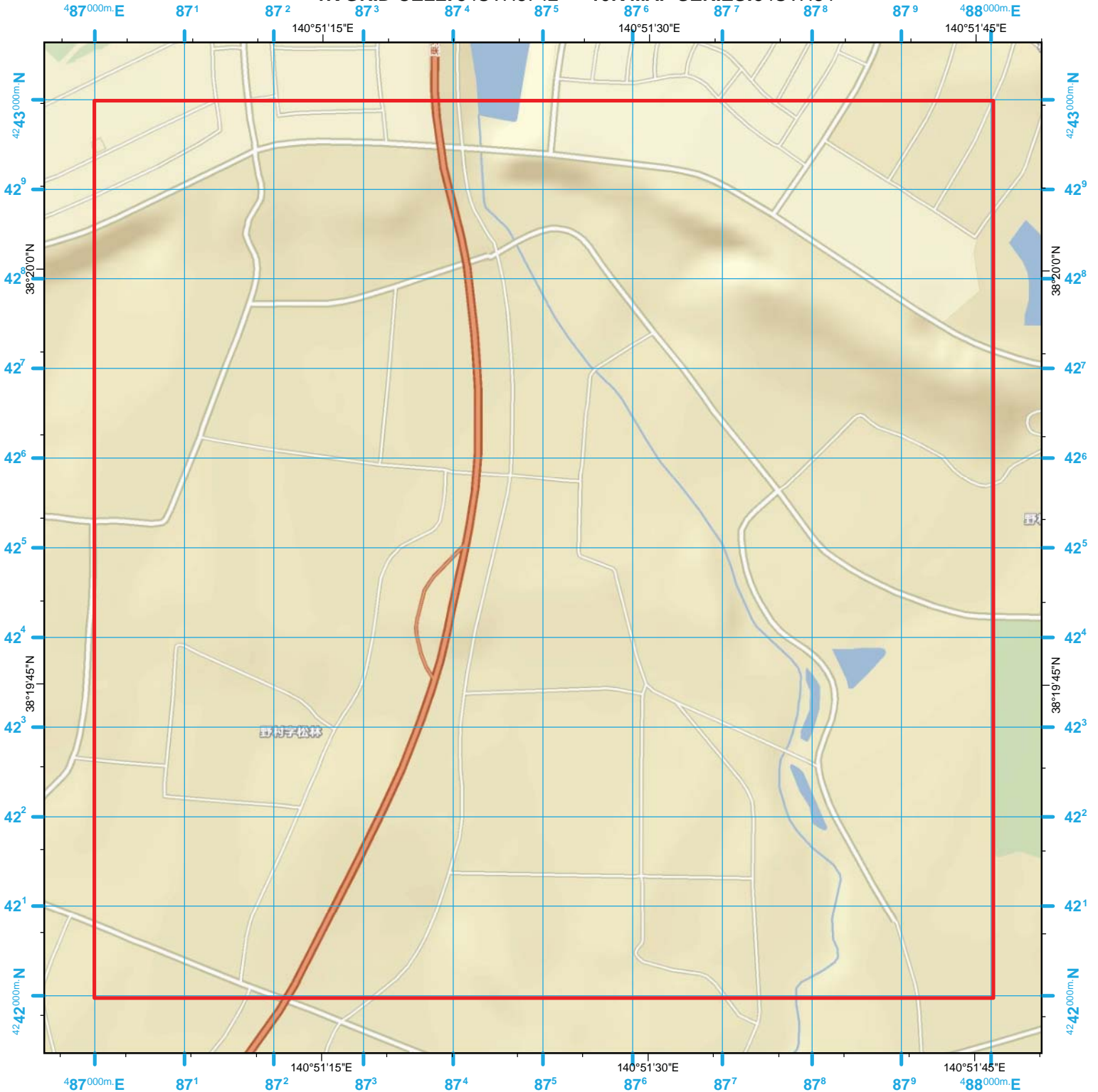
INDEX MAP

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33	48	66	92	118
32	47	65	91	117
31	46	64	90	116
30	45	63	89	115
29	44	62	88	114

SENDAI, JAPAN

1K GRID CELL: 54SVH8742 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

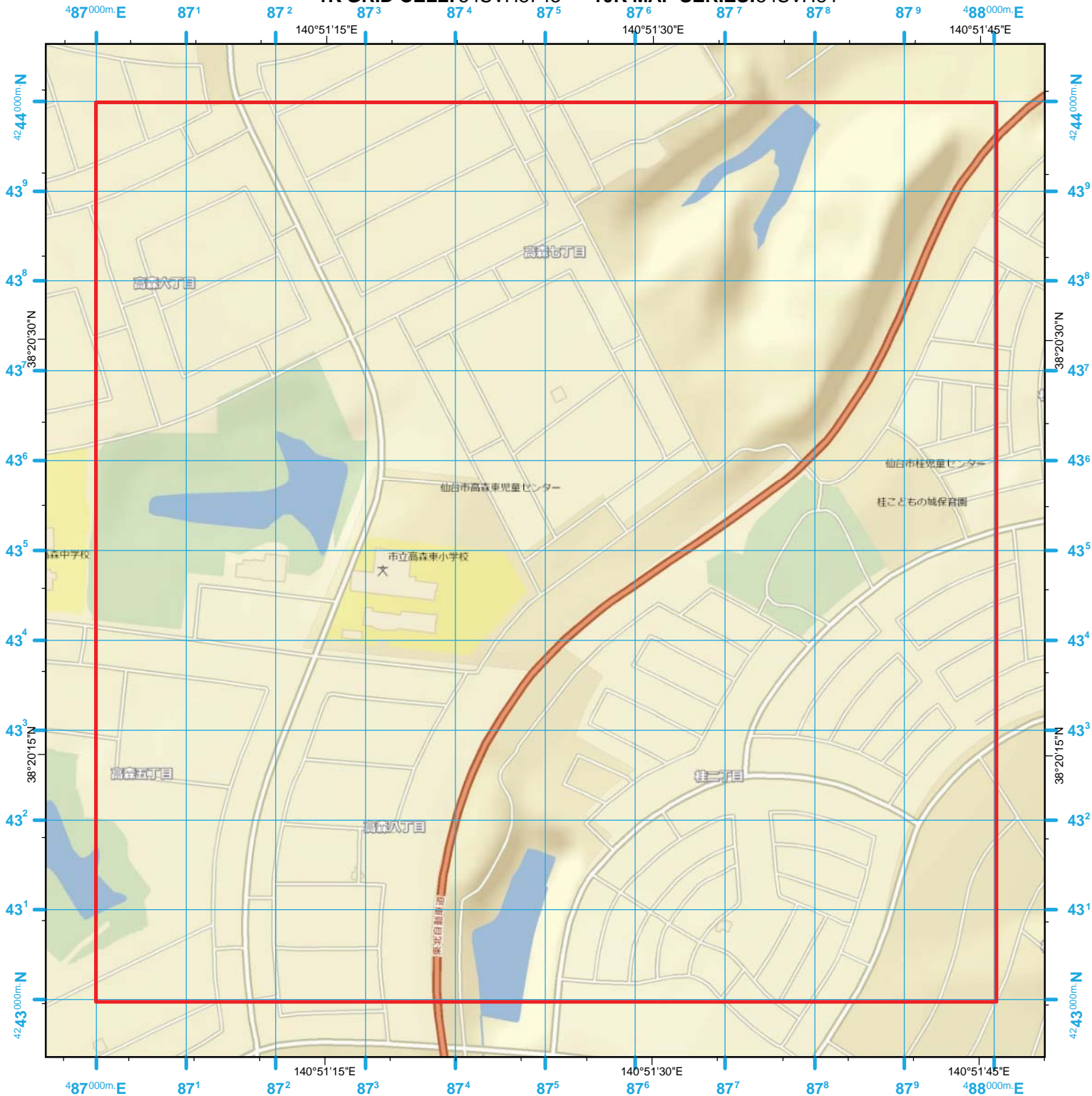
MAPSHEET 65 of 400

49	67	93	119	
33	48	66	92	118
32	47	65	91	117
31	46	64	90	116
30	45	63	89	115

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1K GRID CELL: 54SVH8743 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



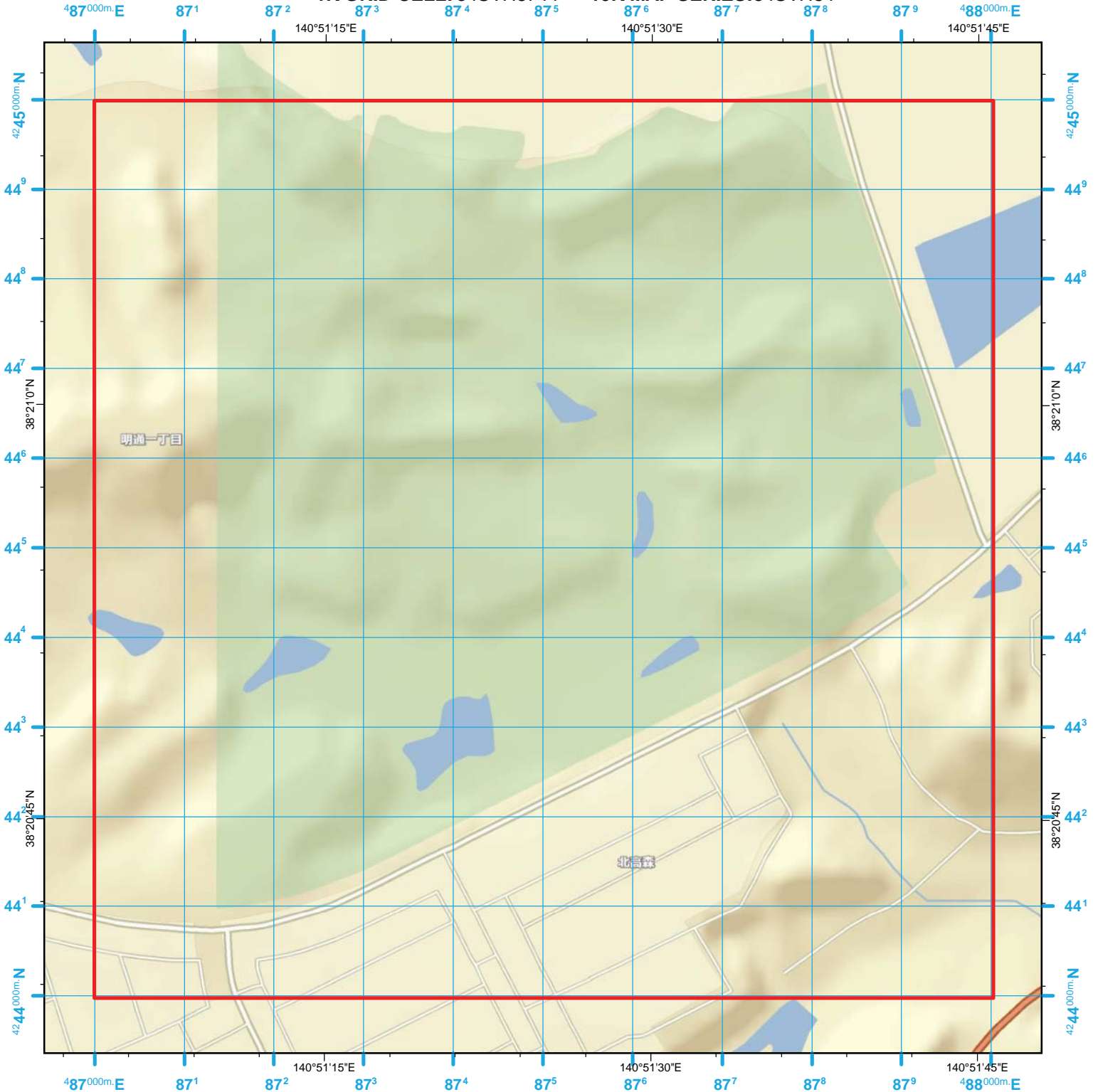
INDEX MAP

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50	68	94	120
49	67	93	119
33	48	66	92
32	47	65	91
31	46	64	90

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1K GRID CELL: 54SVH8744 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



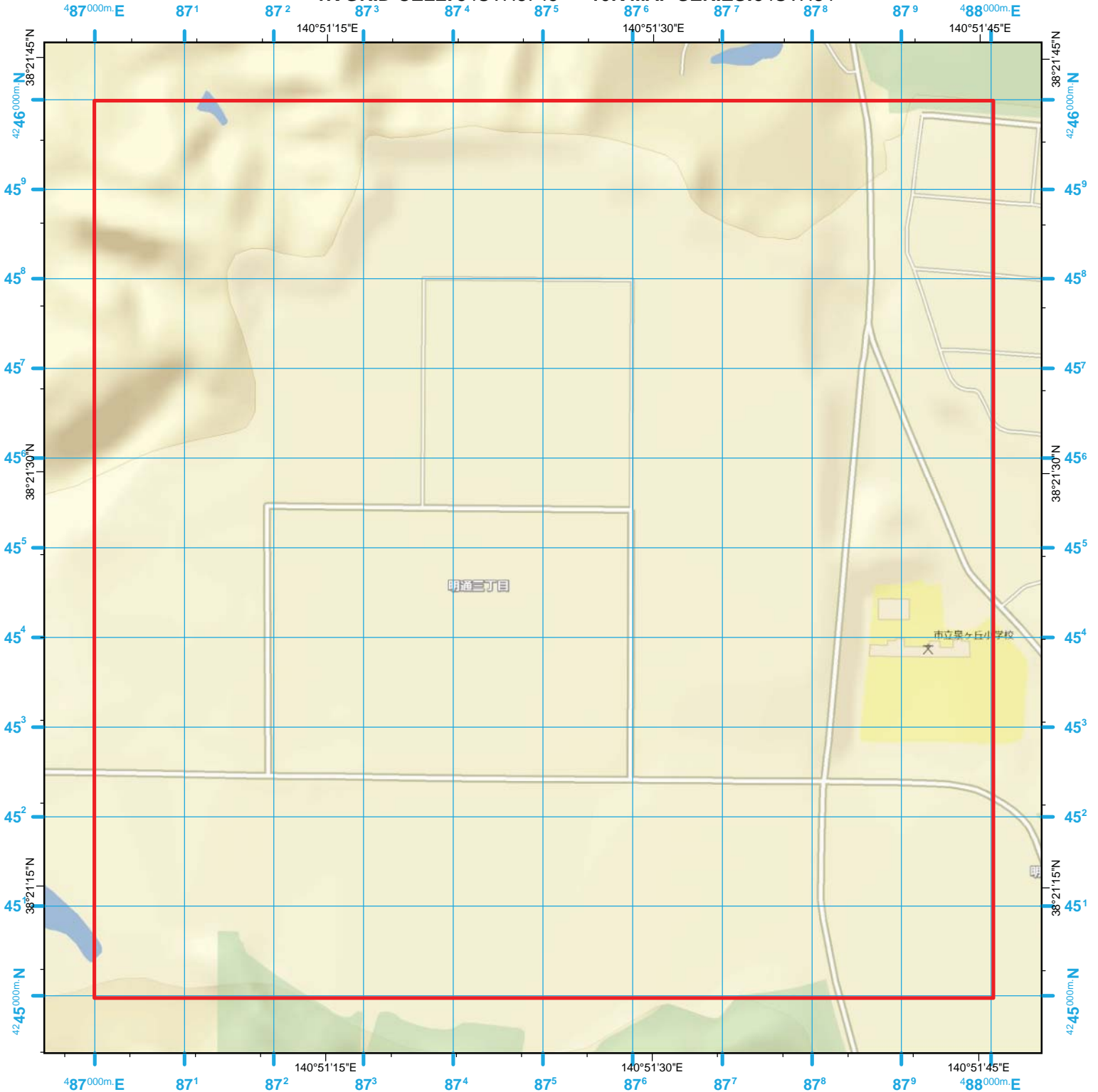
INDEX MAP

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51	69	95	121	
50	68	94	120	
49	67	93	119	
33	48	66	92	118
32	47	65	91	117

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1K GRID CELL: 54SVH8745 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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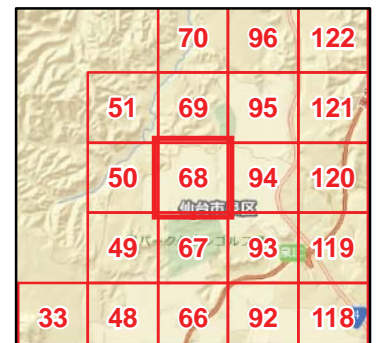
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- 🏫 School

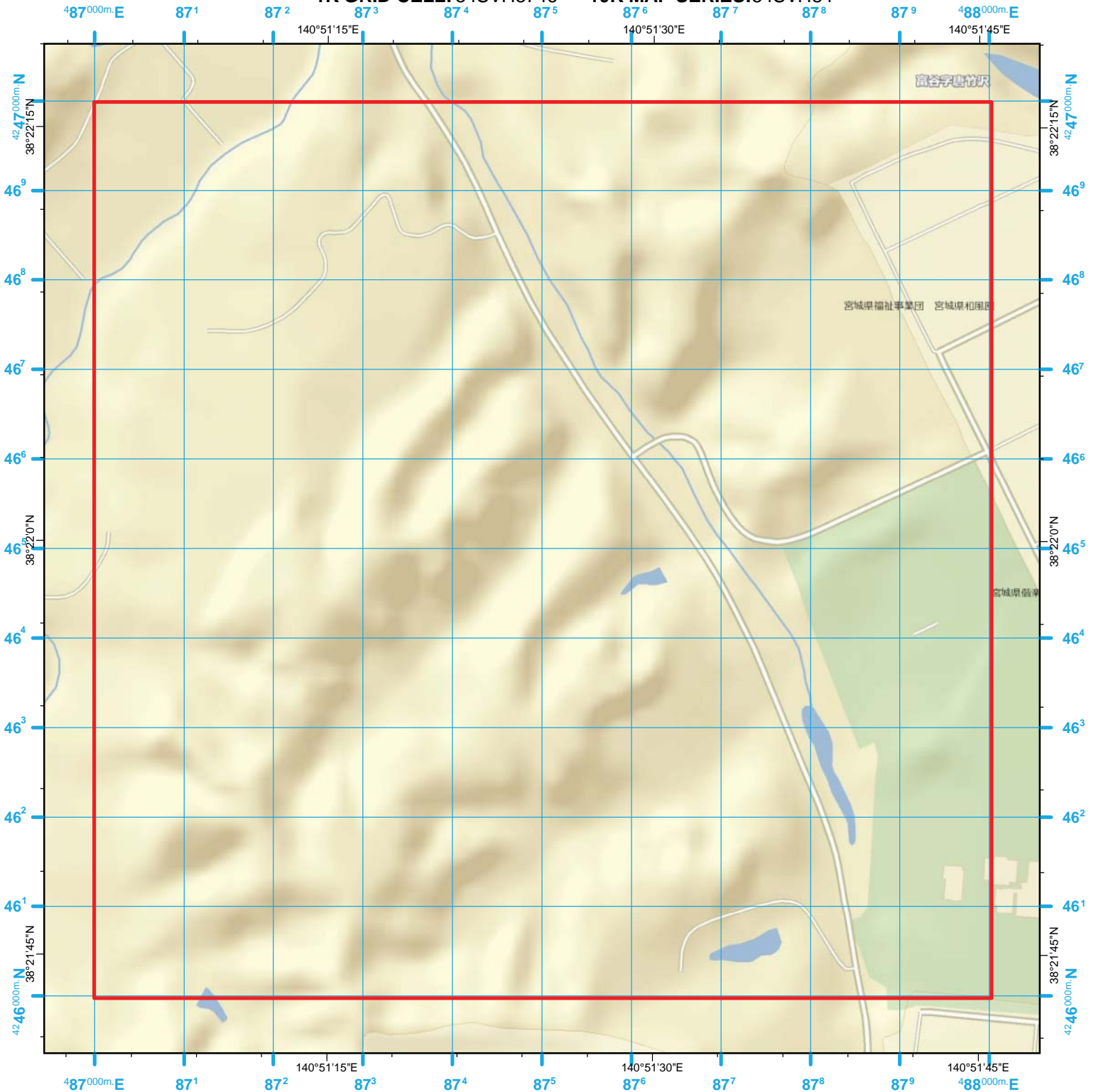


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1K GRID CELL: 54SVH8746 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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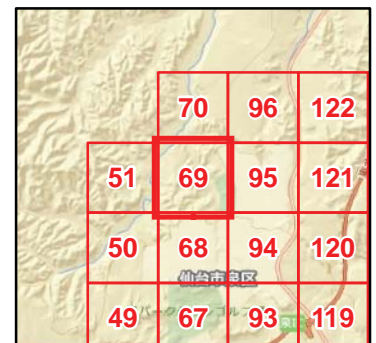
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

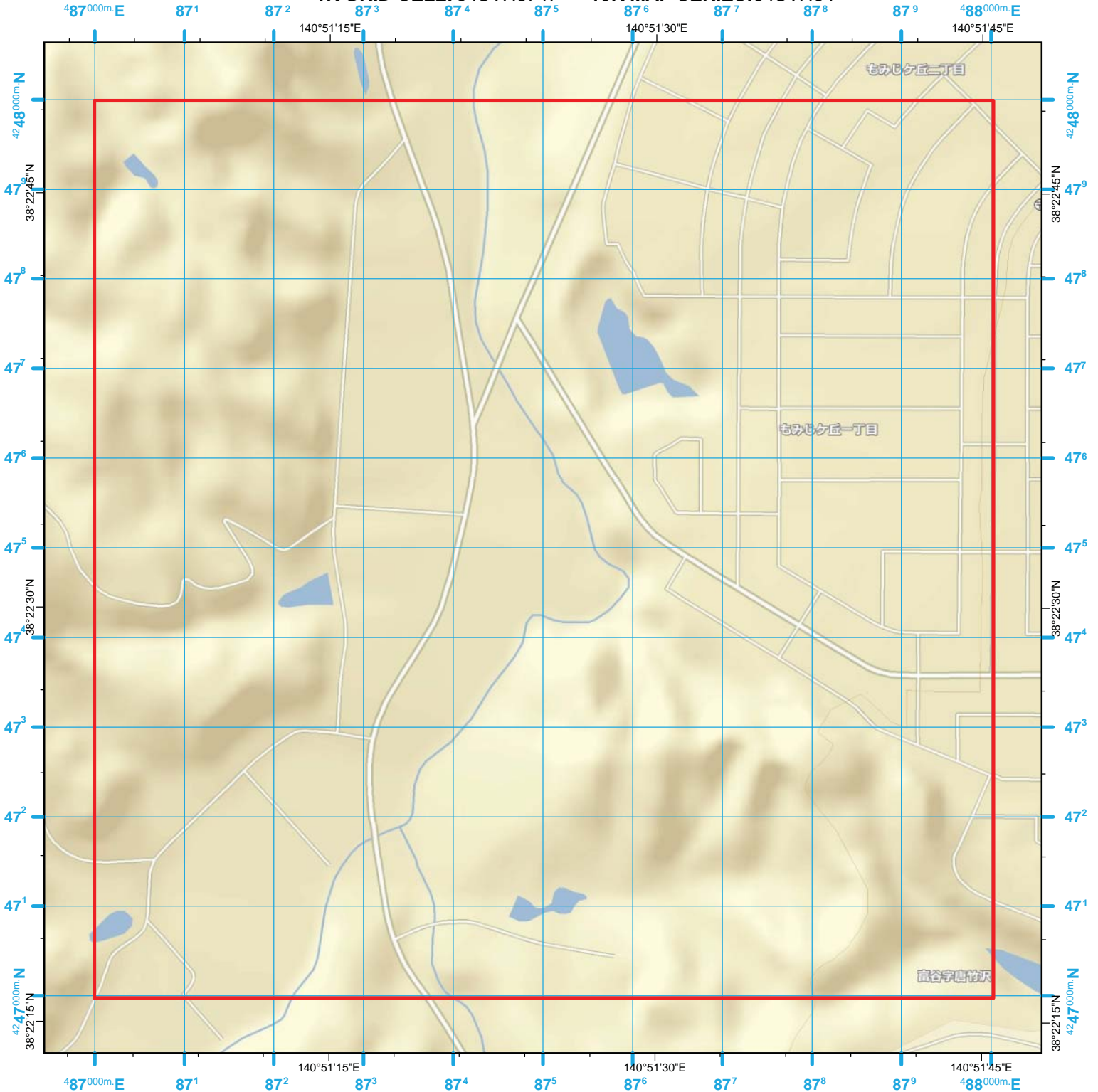


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SENDAI, JAPAN

1K GRID CELL: 54SVH8747 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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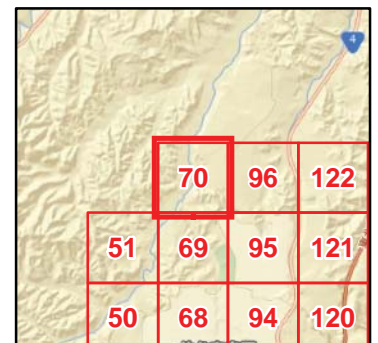
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

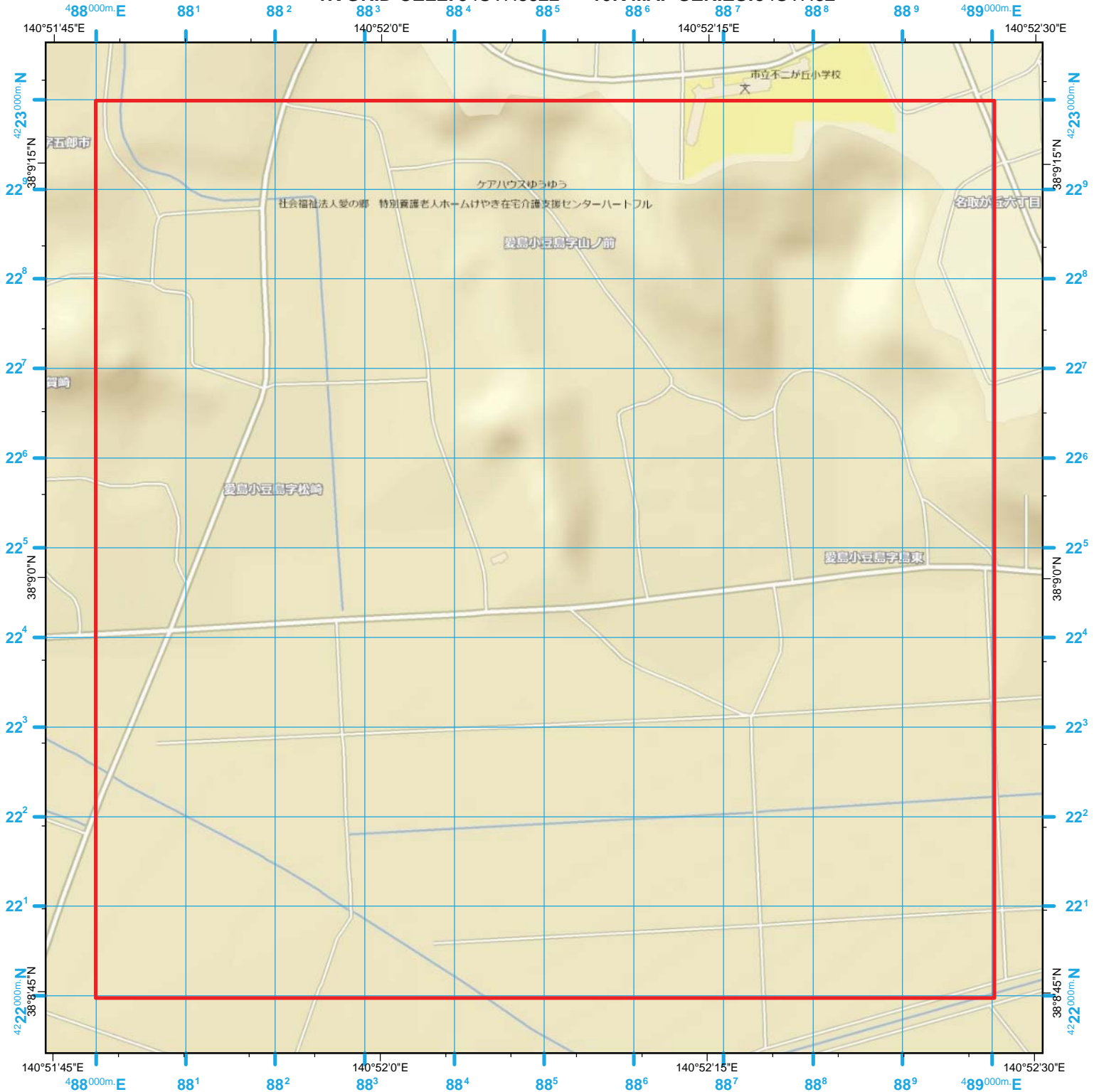


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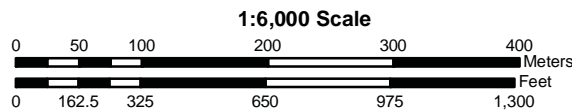
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 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
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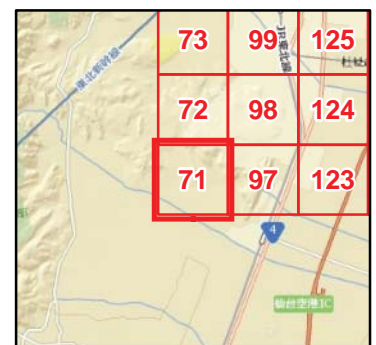
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
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- P Police
- S School



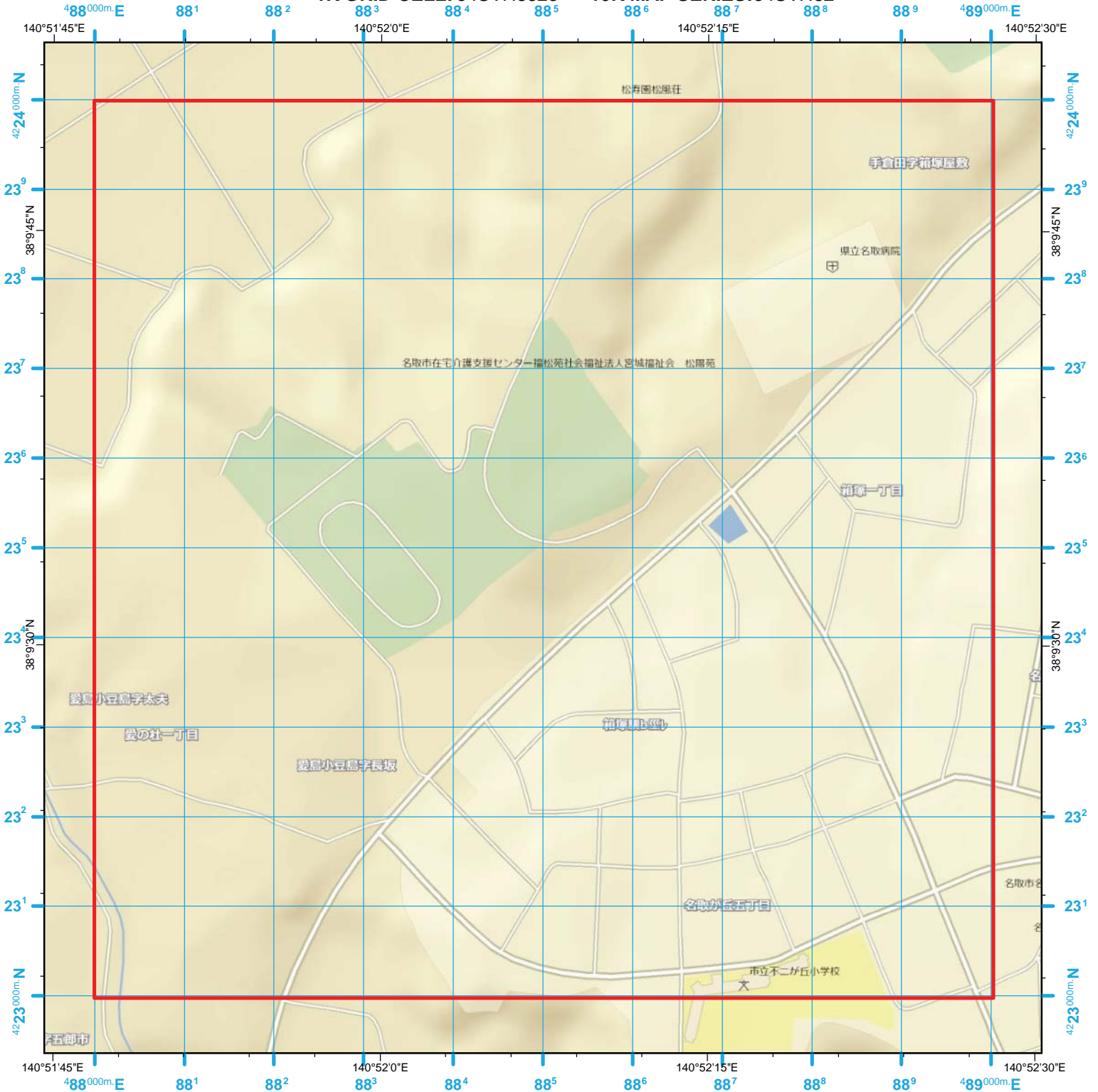
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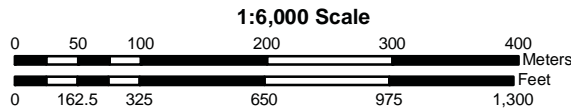
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
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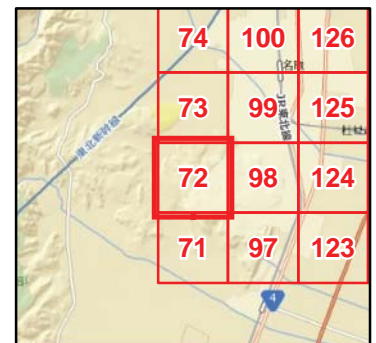
MGRS
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VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

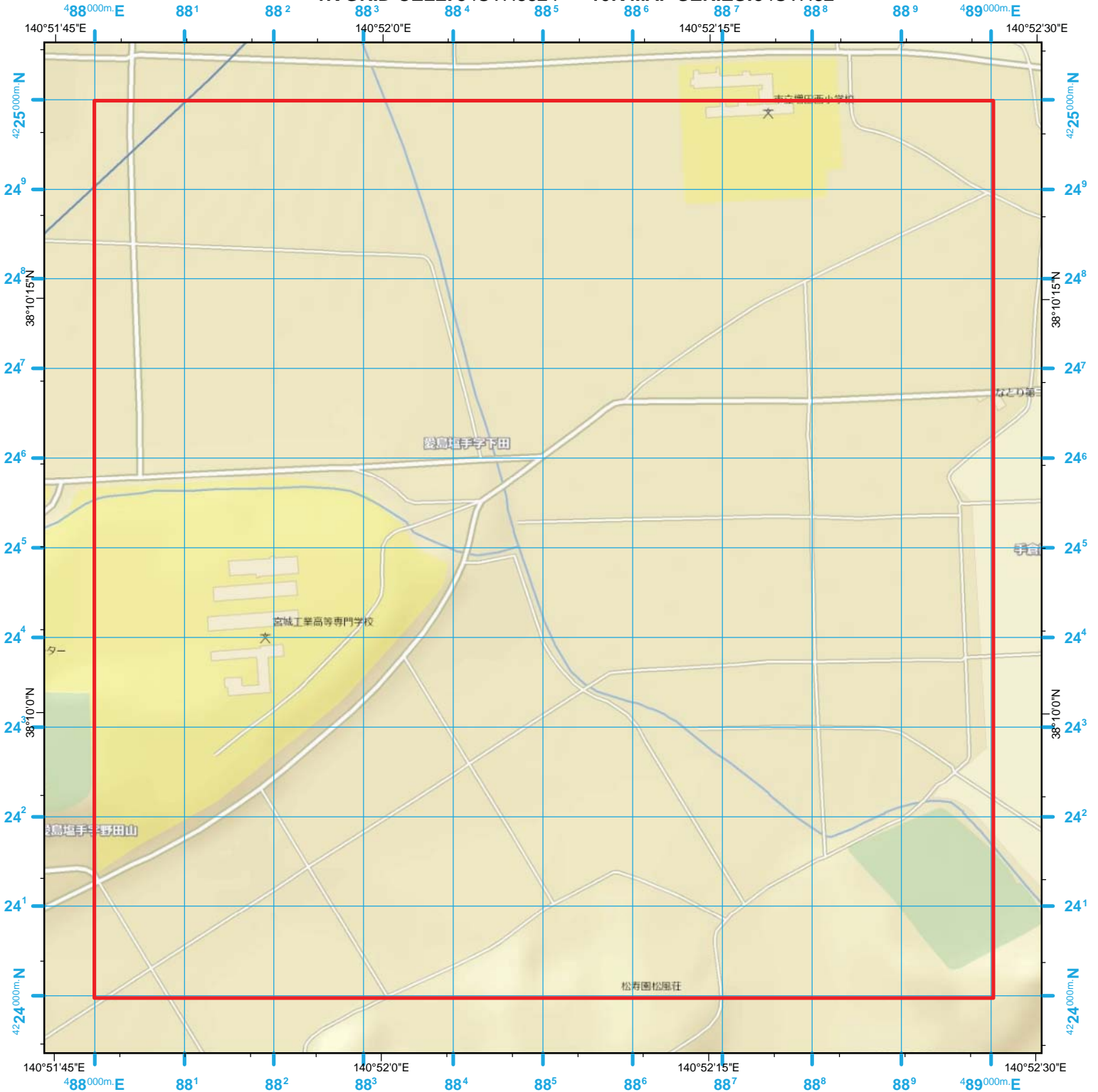


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1K GRID CELL: 54SVH8824 10K MAP SERIES: 54SVH82



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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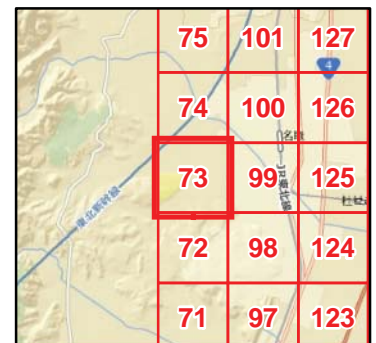
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



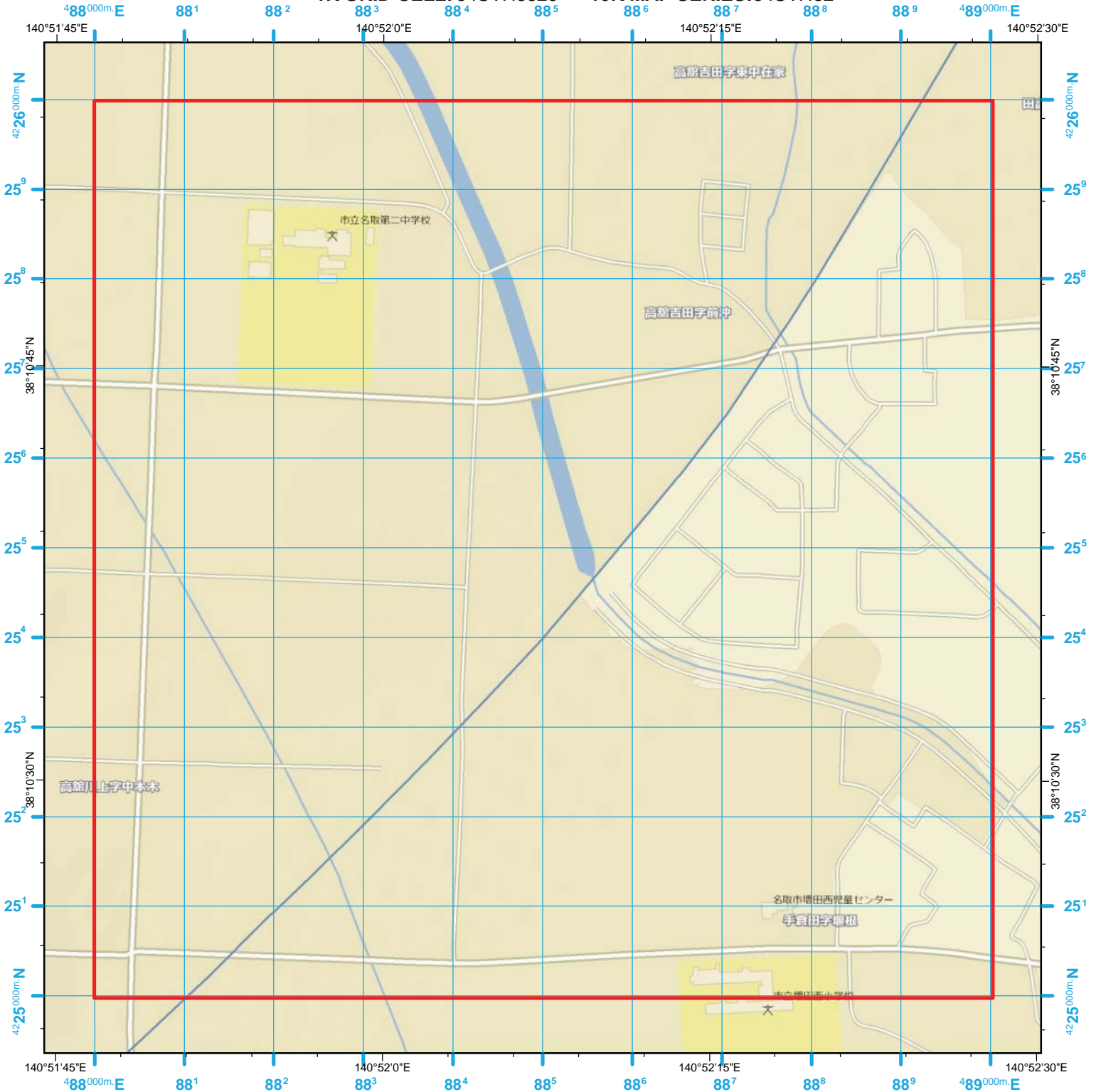
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SENDAI, JAPAN

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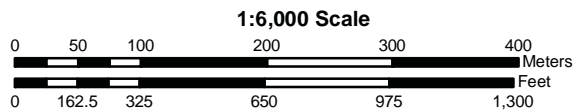
1K GRID CELL: 54SVH8825 10K MAP SERIES: 54SVH82



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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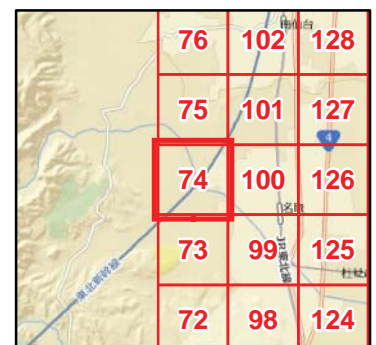
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

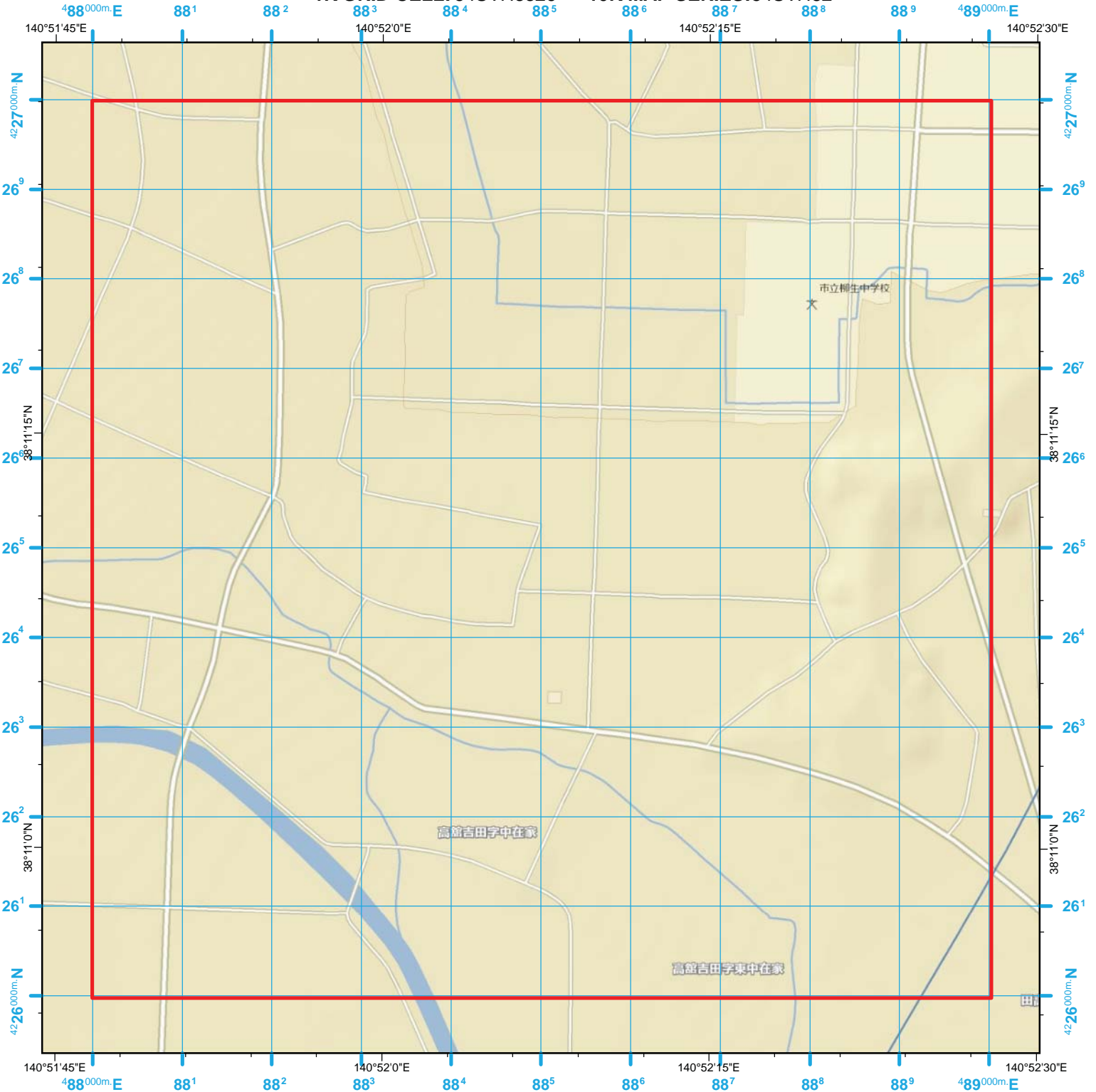


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SENDAI, JAPAN

1K GRID CELL: 54SVH8826 10K MAP SERIES: 54SVH82



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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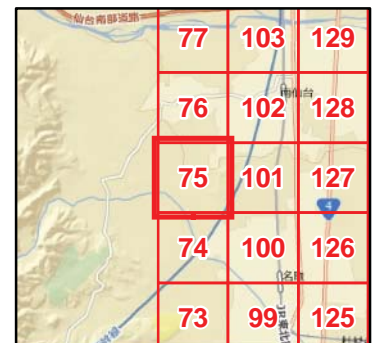
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



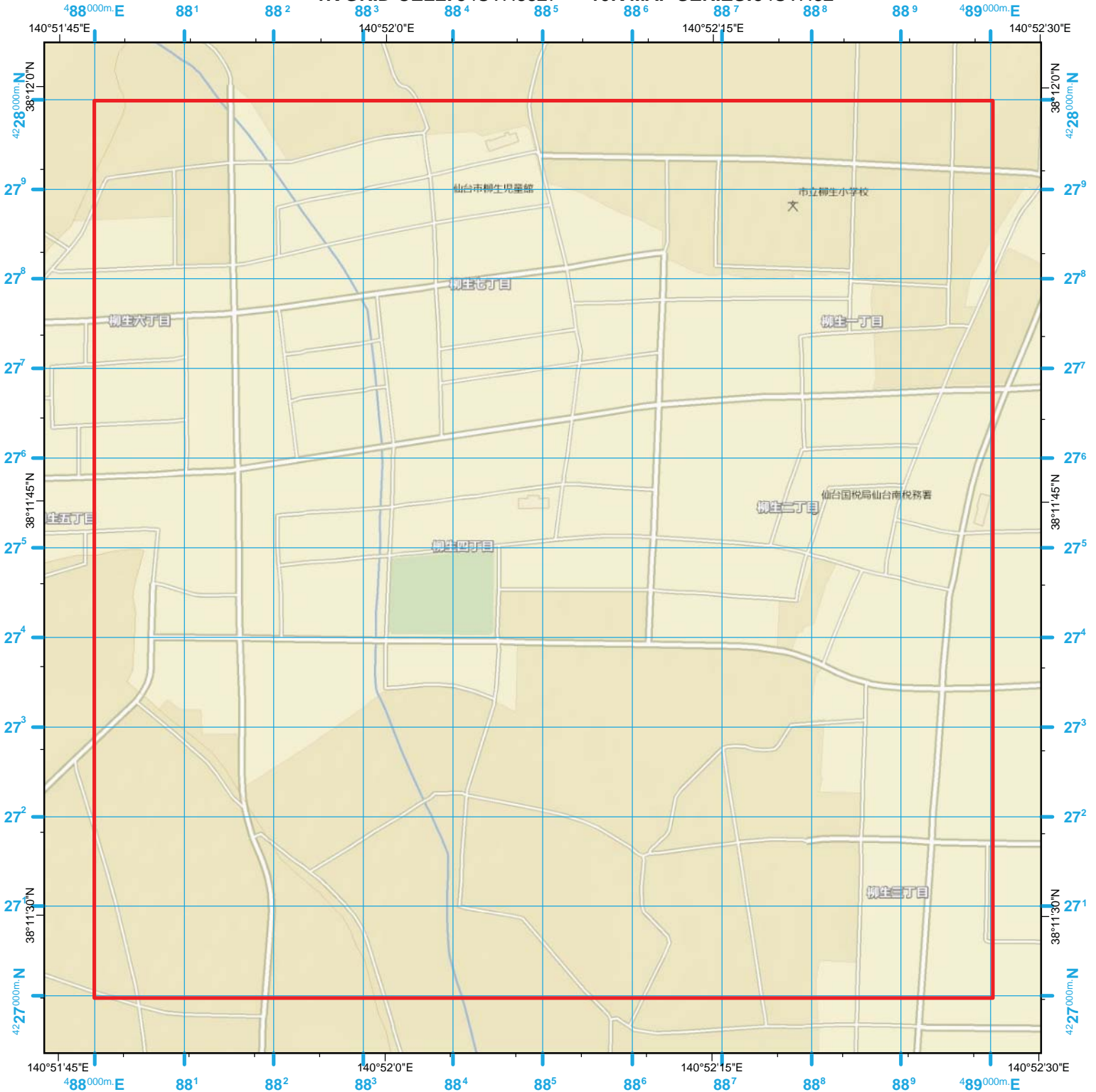
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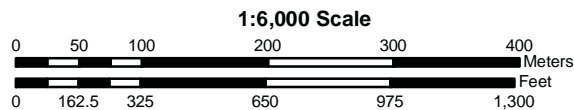
1K GRID CELL: 54SVH8827 10K MAP SERIES: 54SVH82



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
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54S
Grid Zone Designation



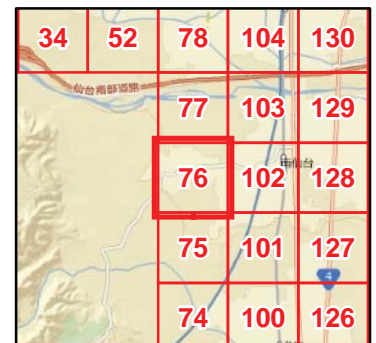
- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



INDEX MAP

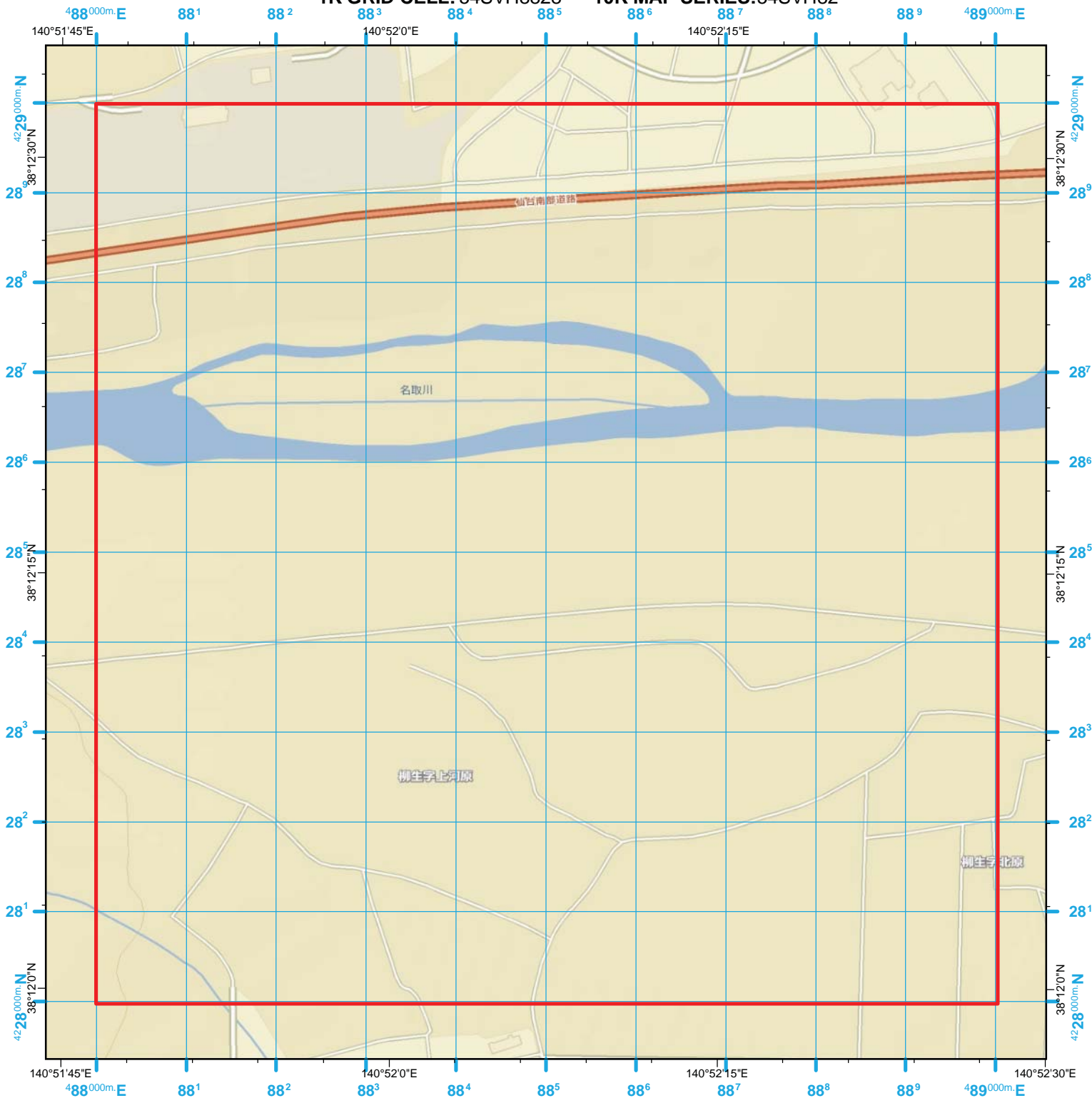
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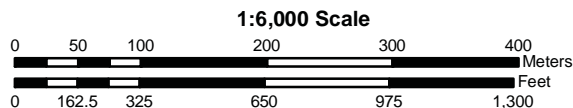
1K GRID CELL: 54SVH8828 10K MAP SERIES: 54SVH82



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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VH
54S
Grid Zone Designation

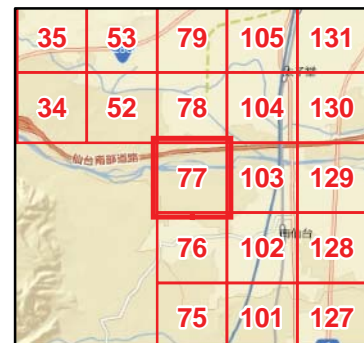


- Search Grid
- H Hospital
- P Police
- S School



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1K GRID CELL: 54SVH8829 10K MAP SERIES: 54SVH82



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

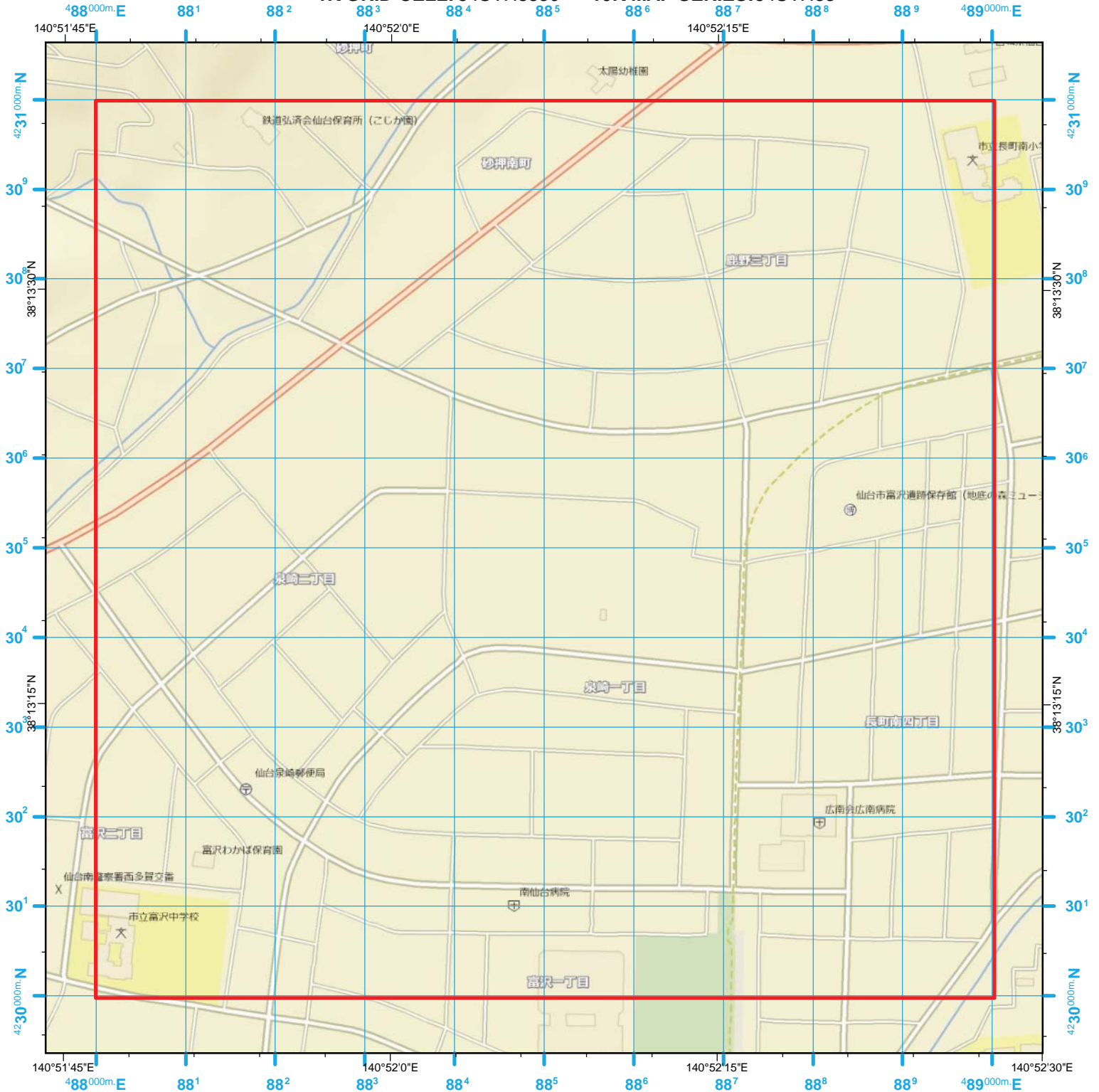
MAPSHEET 78 of 400

36	54	80	106	132
35	53	79	105	131
34	52	78	104	130
		77	103	129
		76	102	128

SENDAI, JAPAN

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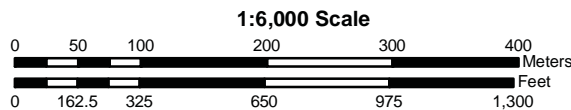
1K GRID CELL: 54SVH8830 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
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MGRS
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VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

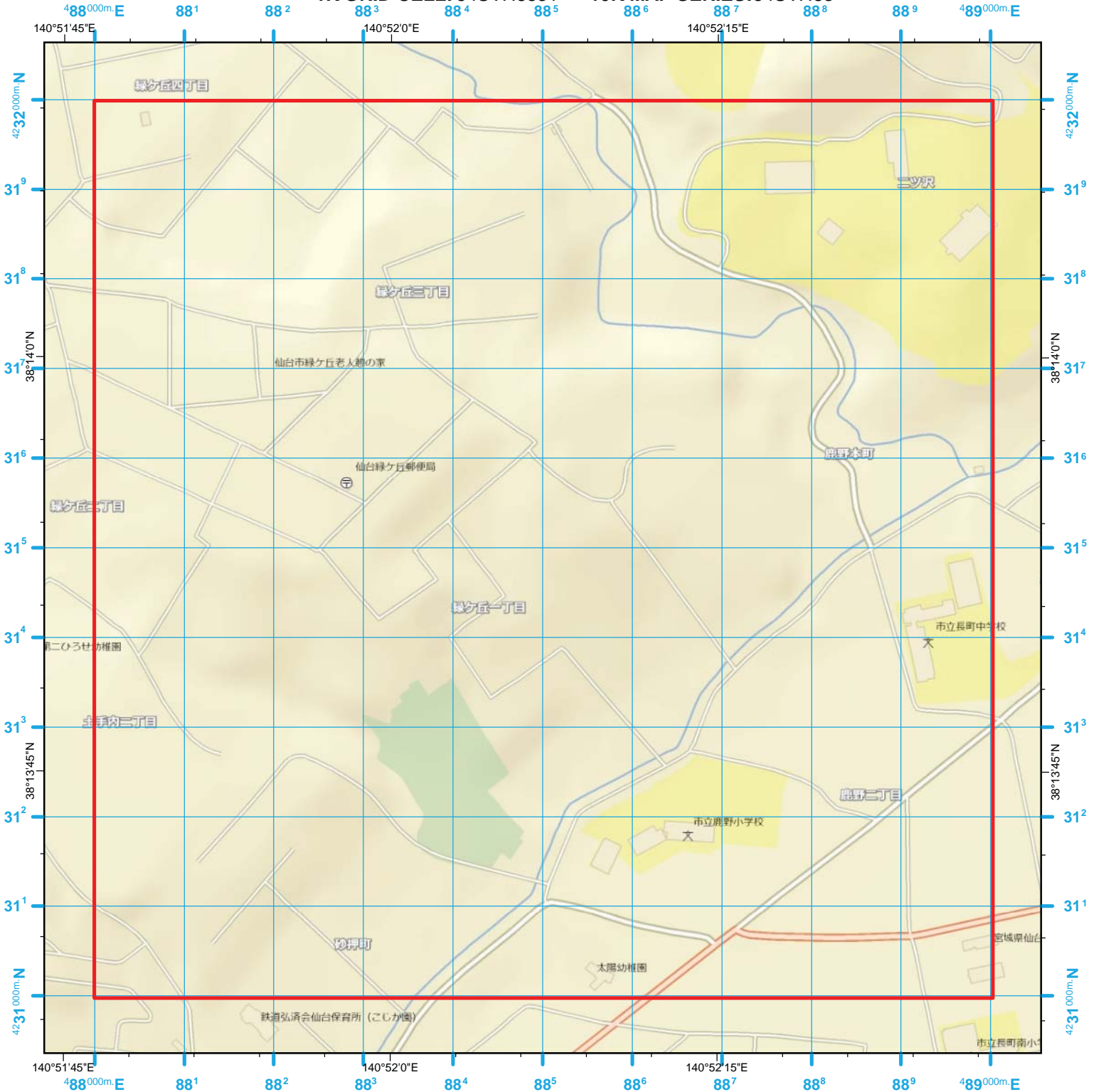
MAPSHEET 79 of 400

37	55	81	107	133
36	54	80	106	132
35	53	79	105	131
34	52	78	104	130
			77	103
				129

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1K GRID CELL: 54SVH8831 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

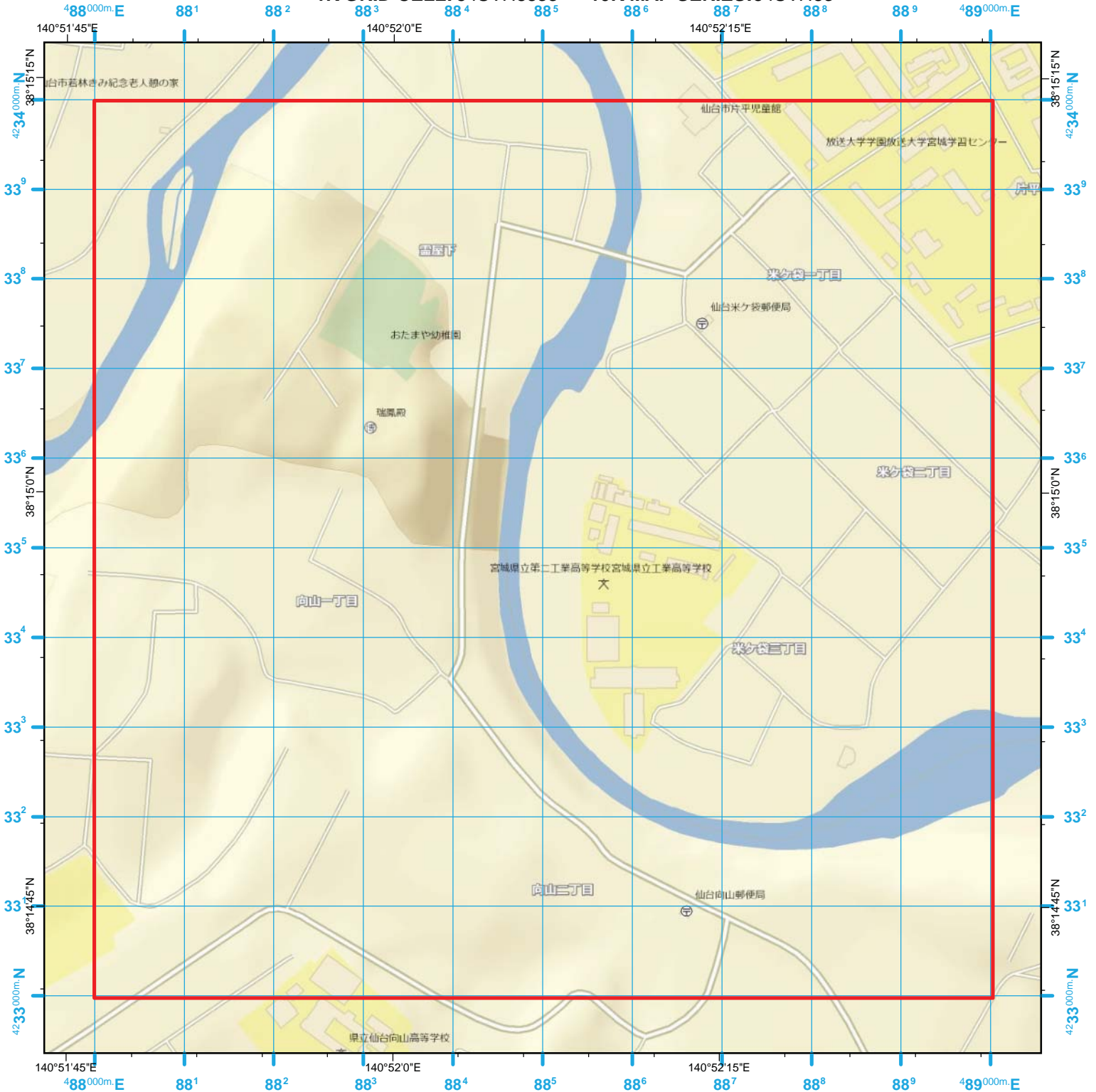
MAPSHEET 80 of 400

38	56	82	108	134
37	55	81	107	133
36	54	80	106	132
35	53	79	105	131
34	52	78	104	130

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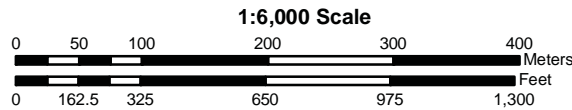
1K GRID CELL: 54SVH8833 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



INDEX MAP

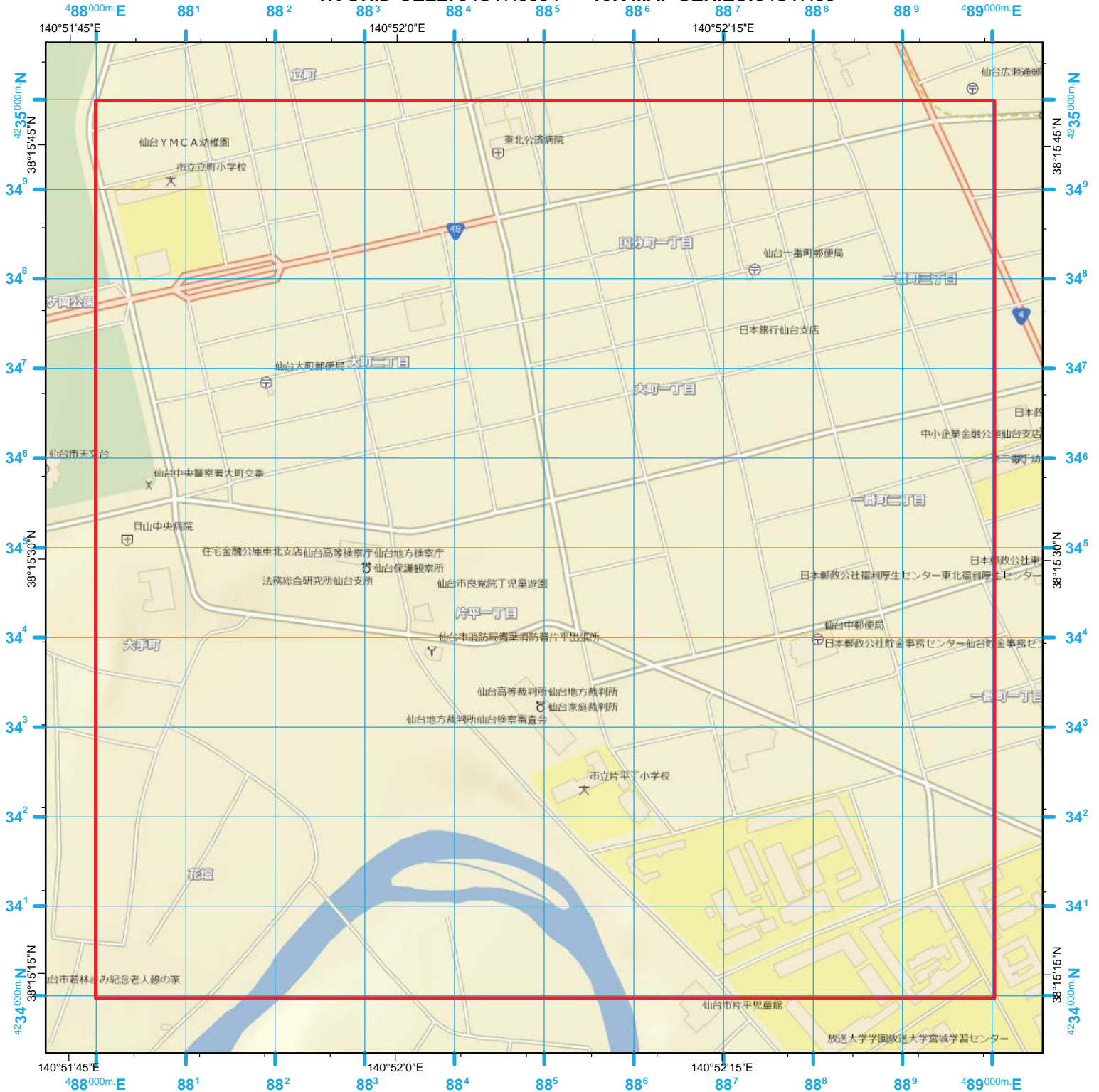
MAPSHEET 82 of 400

40	58	84	110	136
39	57	83	109	135
38	56	82	108	134
37	55	81	107	133
36	54	80	106	132

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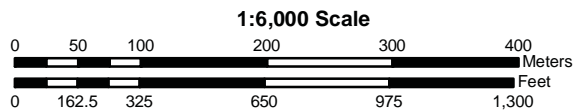
1K GRID CELL: 54SVH8834 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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54S
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- P Police
- School



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41	59	85	111	137
40	58	84	110	136
39	57	83	109	135
38	56	82	108	134
37	55	81	107	133

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1K GRID CELL: 54SVH8835 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale

INDEX MAP

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42	60	86	112	138
41	59	85	111	137
40	58	84	110	136
39	57	83	109	135
38	56	82	108	134

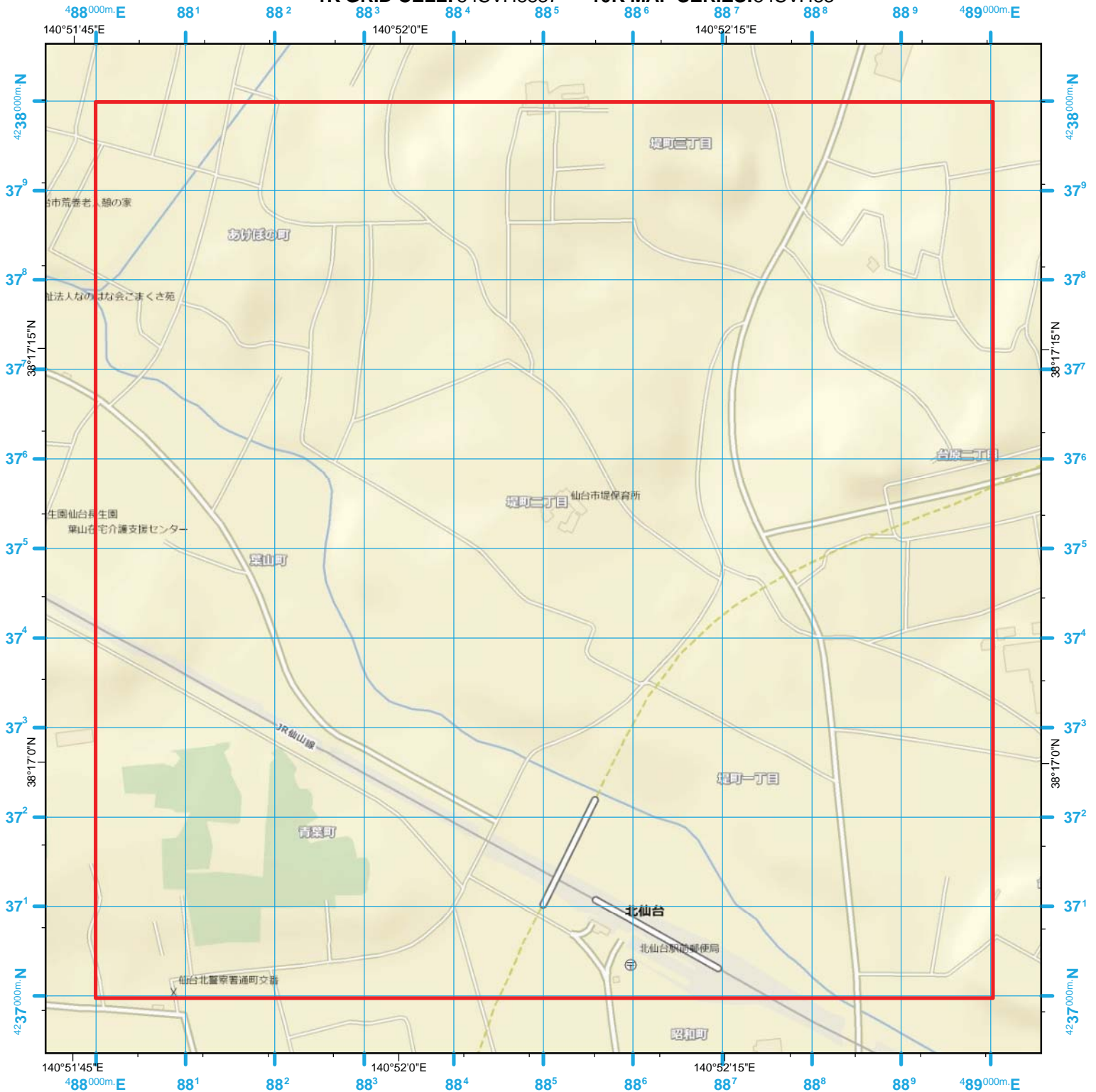
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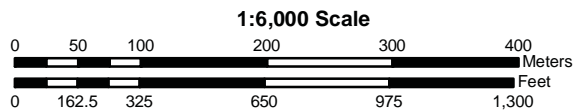
1K GRID CELL: 54SVH8837 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

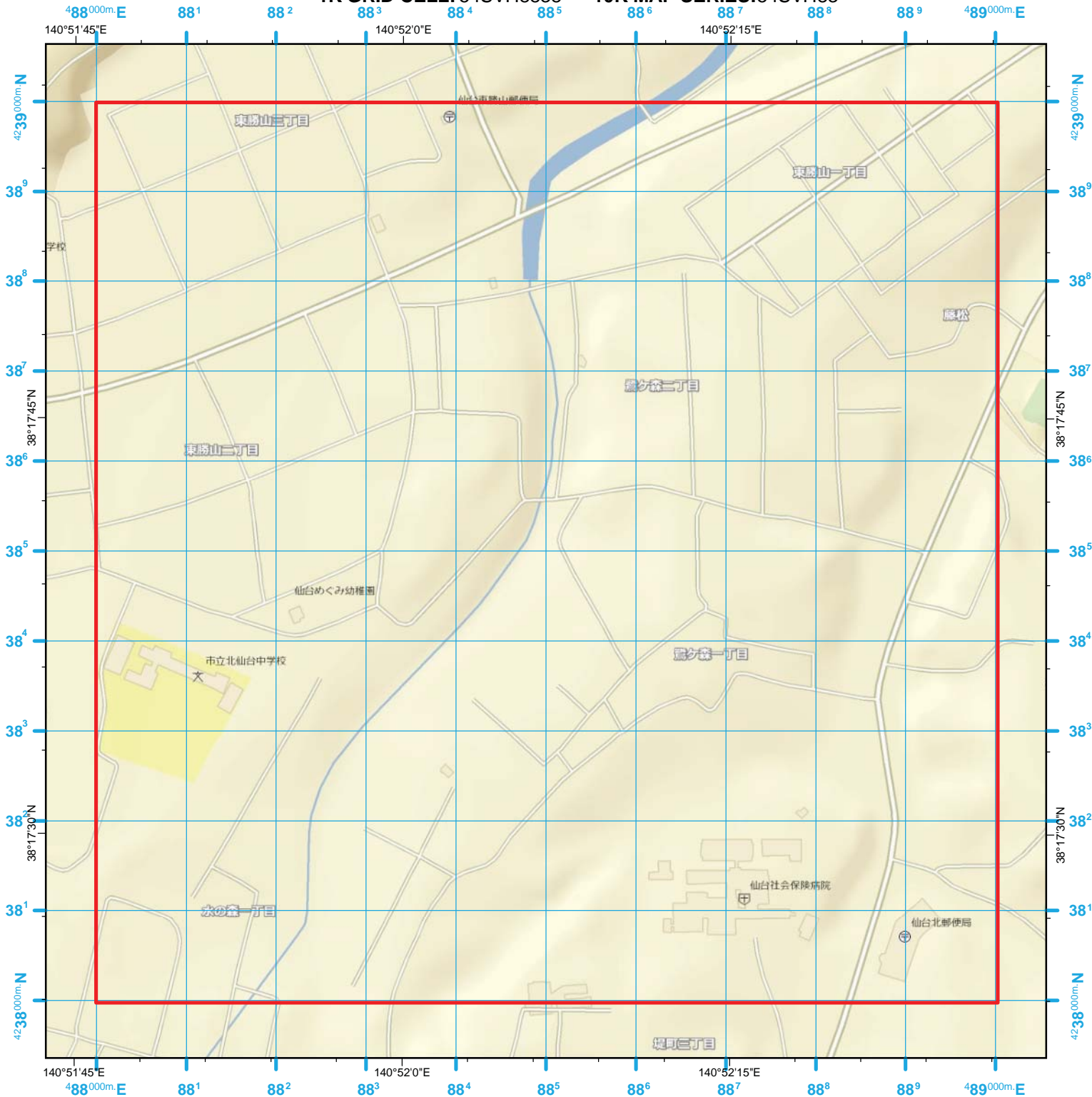
MAPSHEET 86 of 400

44	62	88	114	140
43	61	87	113	139
42	60	86	112	138
41	59	85	111	137
40	58	84	110	136

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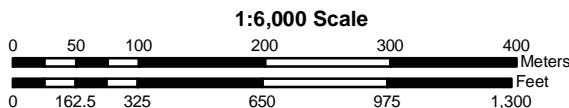
1K GRID CELL: 54SVH8838 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

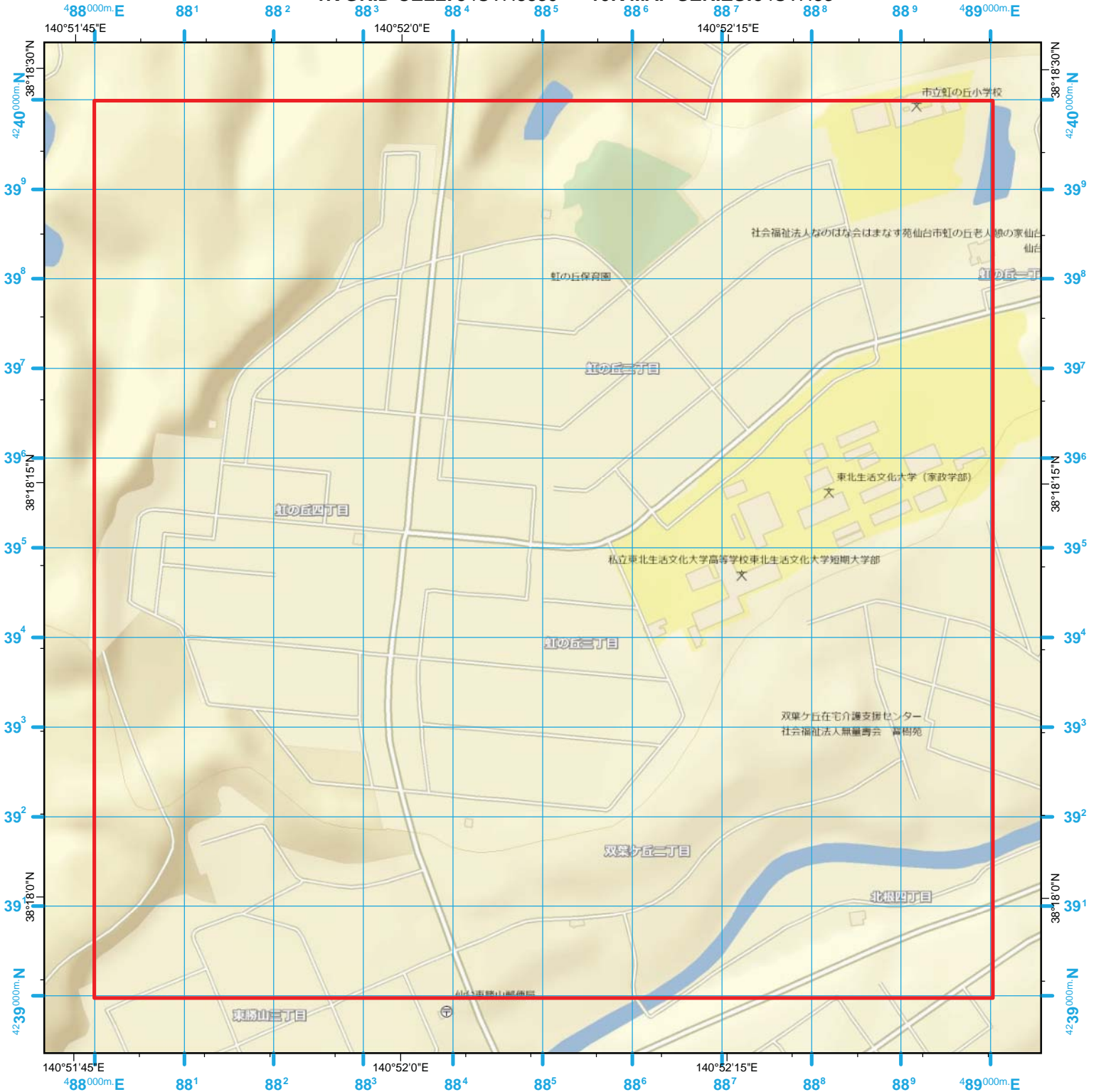
MAPSHEET 87 of 400

45	63	89	115	141
44	62	88	114	140
43	61	87	113	139
42	60	86	112	138
41	59	85	111	137

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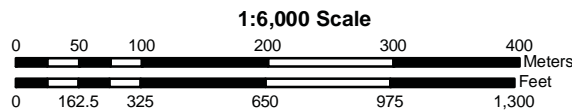
1K GRID CELL: 54SVH8839 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



INDEX MAP

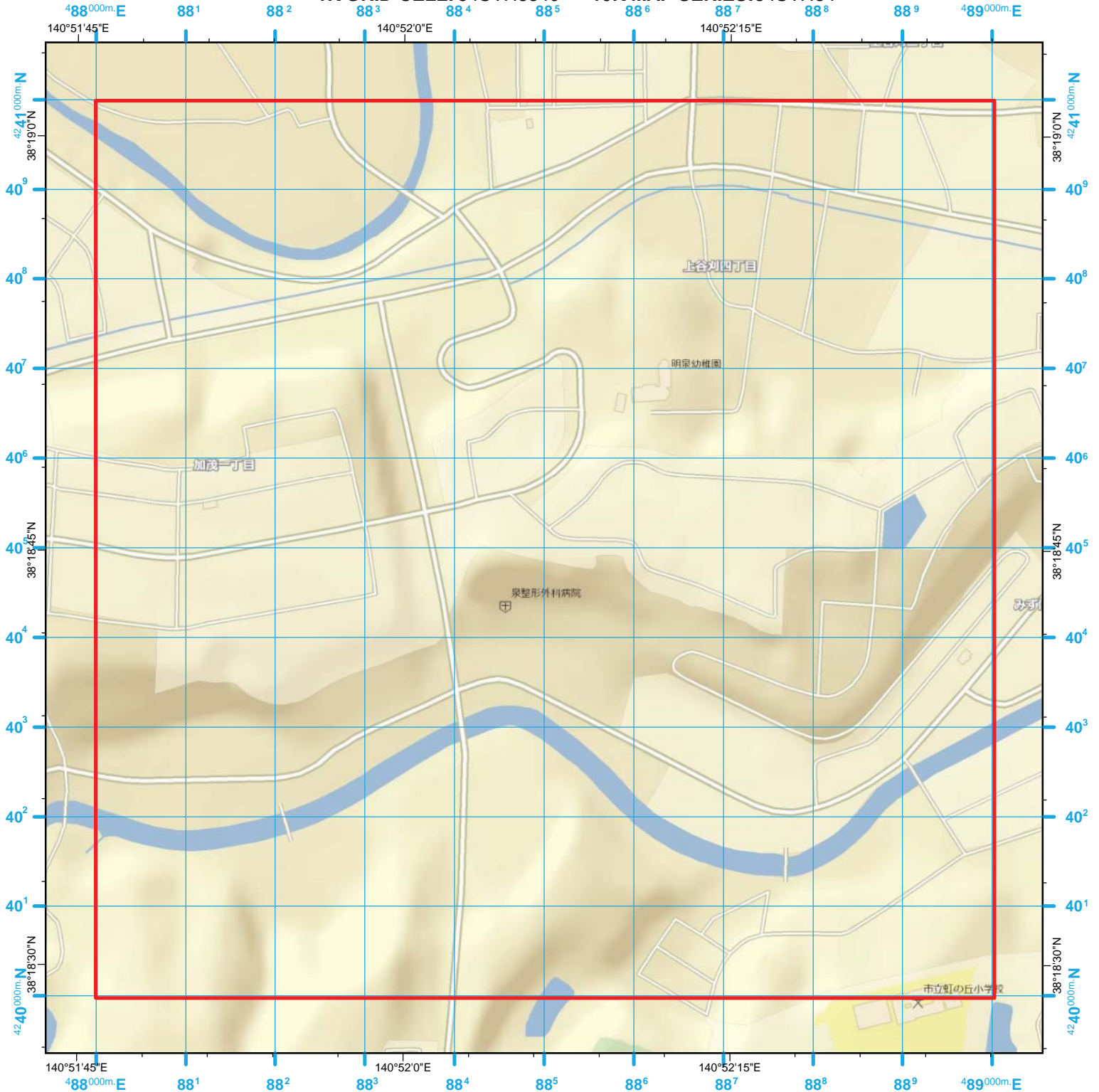
MAPSHEET 88 of 400

46	64	90	116	142
45	63	89	115	141
44	62	88	114	140
43	61	87	113	139
42	60	86	112	138

SENDAI, JAPAN

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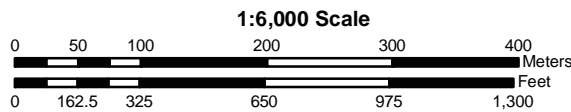
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



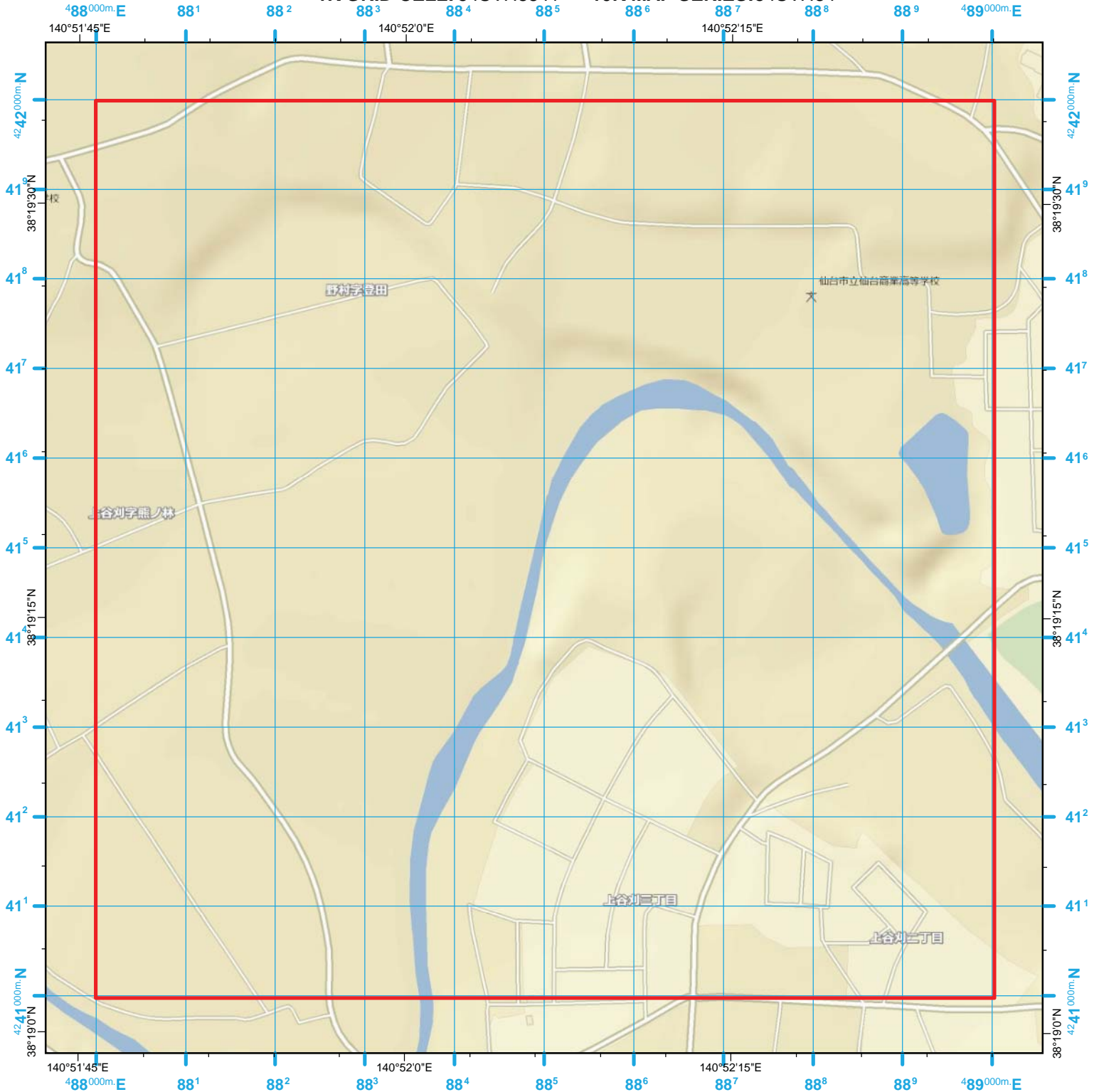
INDEX MAP

MAPSHEET 89 of 400

47	65	91	117	143
46	64	90	116	142
45	63	89	115	141
44	62	88	114	140
43	61	87	113	139

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1K GRID CELL: 54SVH8841 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- 🏫 School



INDEX MAP

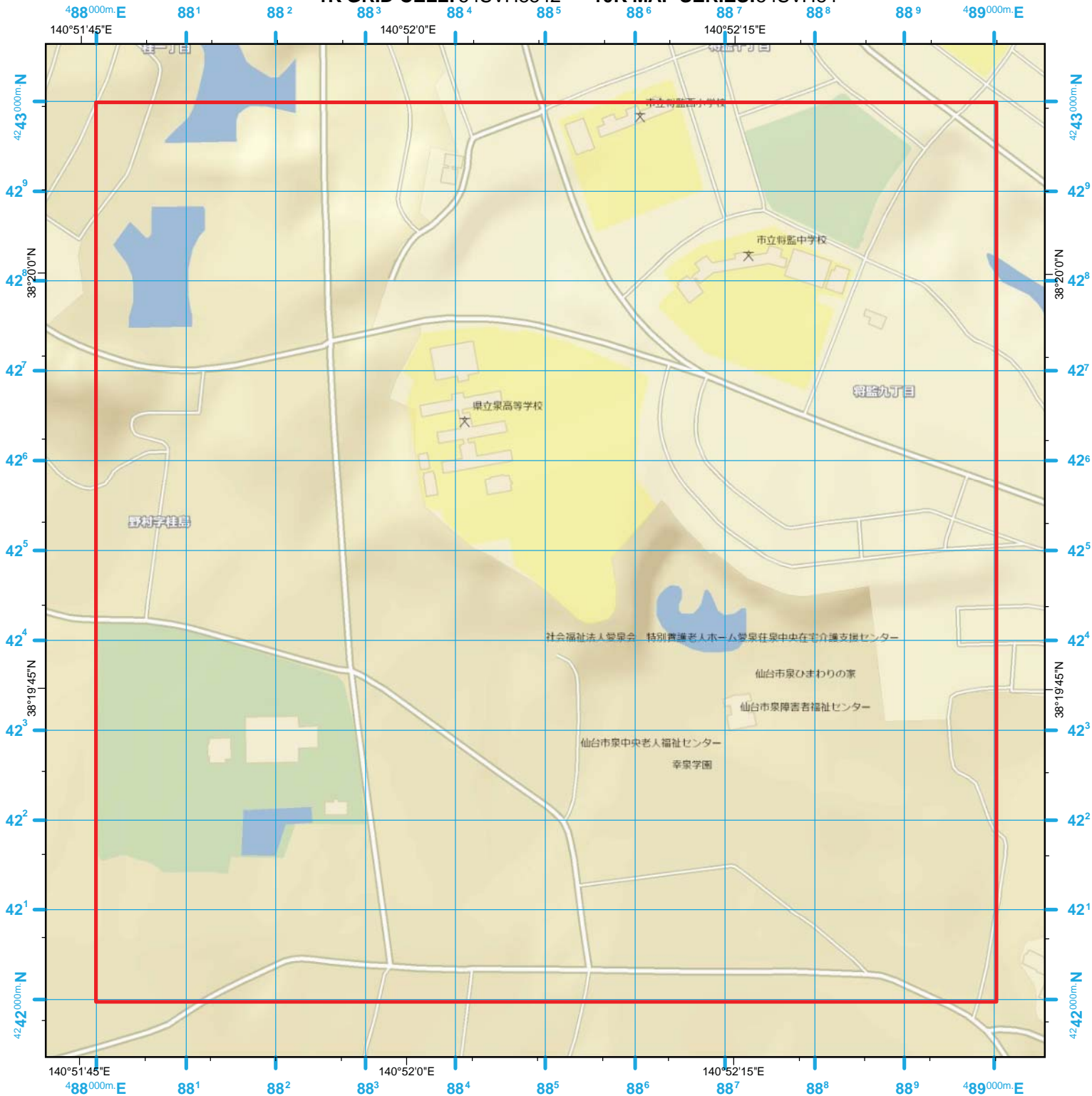
MAPSHEET 90 of 400

48	66	92	118	144
47	65	91	117	143
46	64	90	116	142
45	63	89	115	141
44	62	88	114	140

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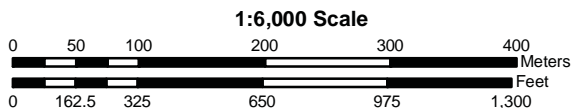
1K GRID CELL: 54SVH8842 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

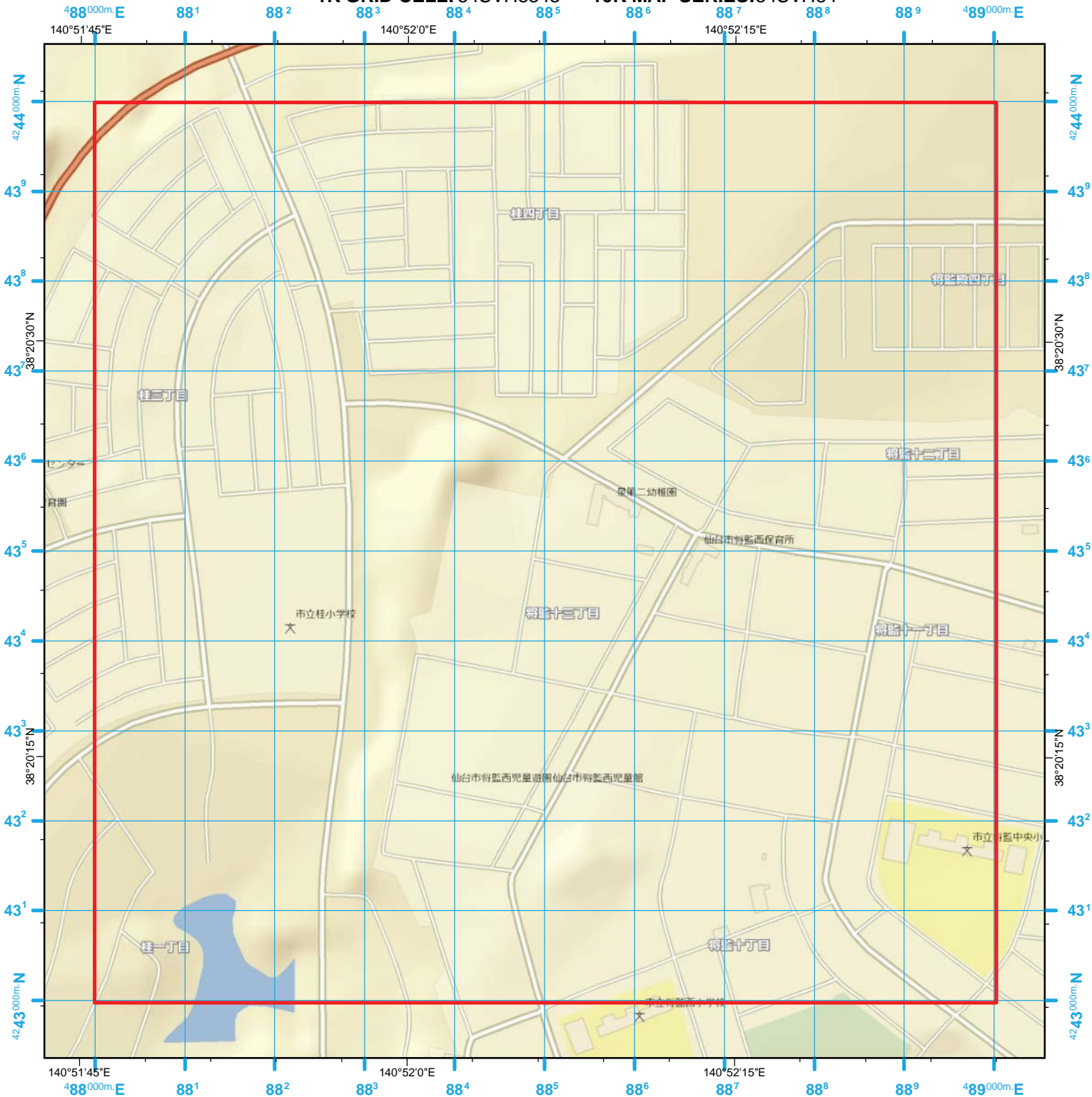
MAPSHEET 91 of 400

49	67	93	119	145
48	66	92	118	144
47	65	91	117	143
46	64	90	116	142
45	63	89	115	141

SENDAI, JAPAN

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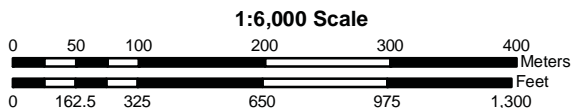
1K GRID CELL: 54SVH8843 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- 🏫 School



INDEX MAP

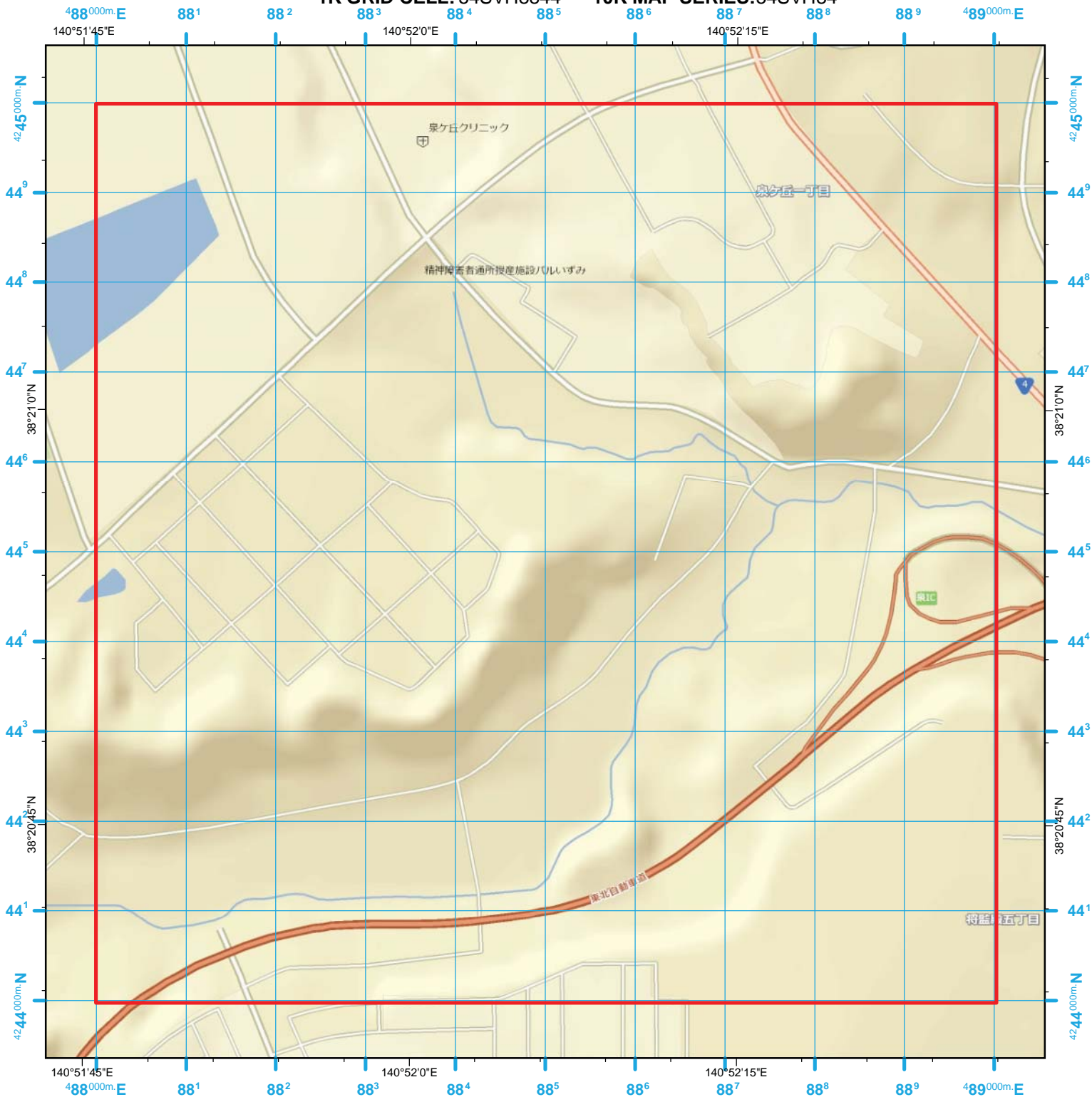
MAPSHEET 92 of 400

50	68	94	120	146
49	67	93	119	145
48	66	92	118	144
47	65	91	117	143
46	64	90	116	142

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1K GRID CELL: 54SVH8844 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

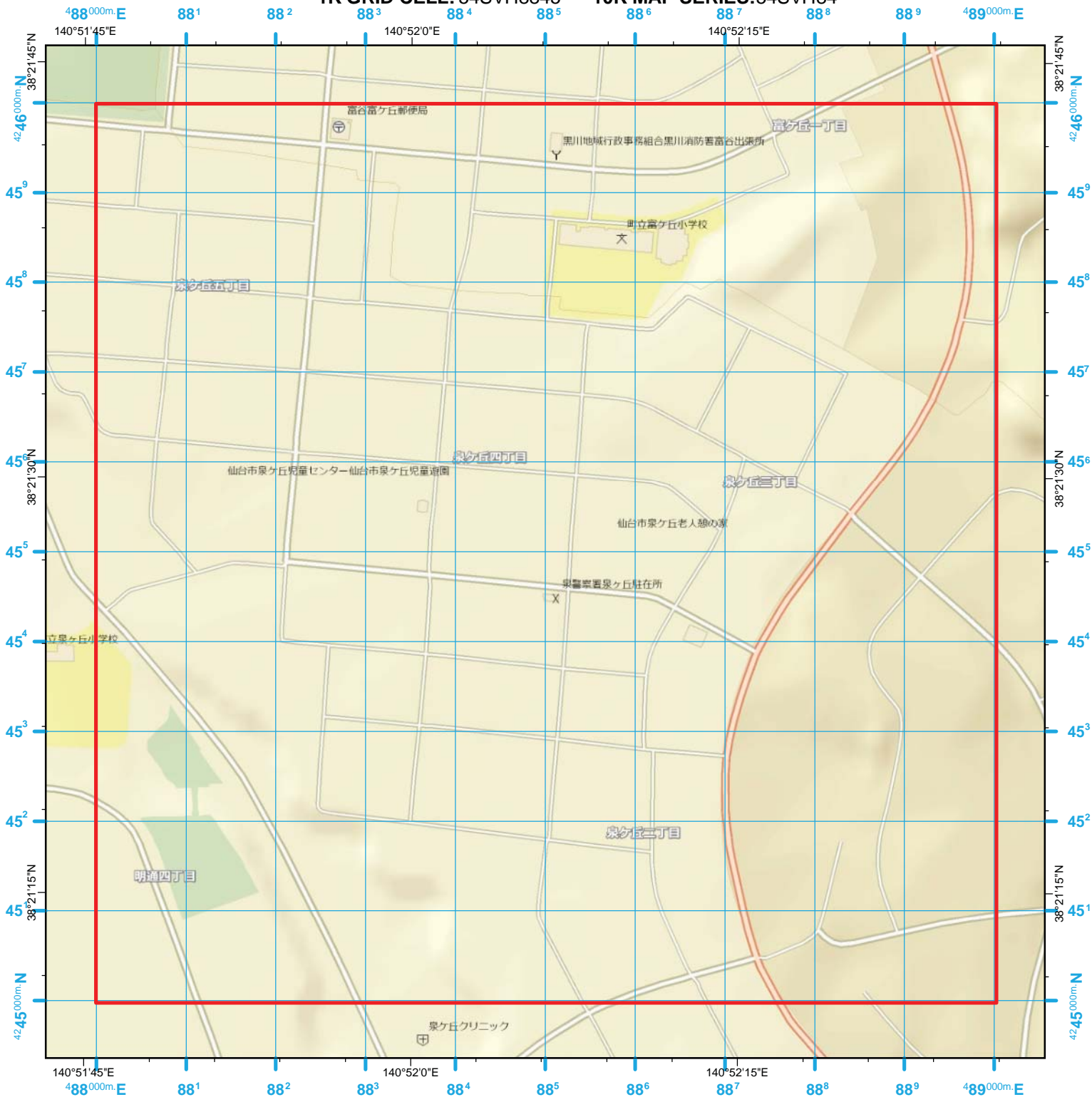
MAPSHEET 93 of 400

51	69	95	121	147
50	68	94	120	146
49	67	93	119	145
48	66	92	118	144
47	65	91	117	143

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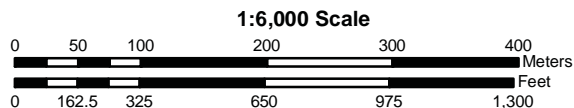
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
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MGRS
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VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

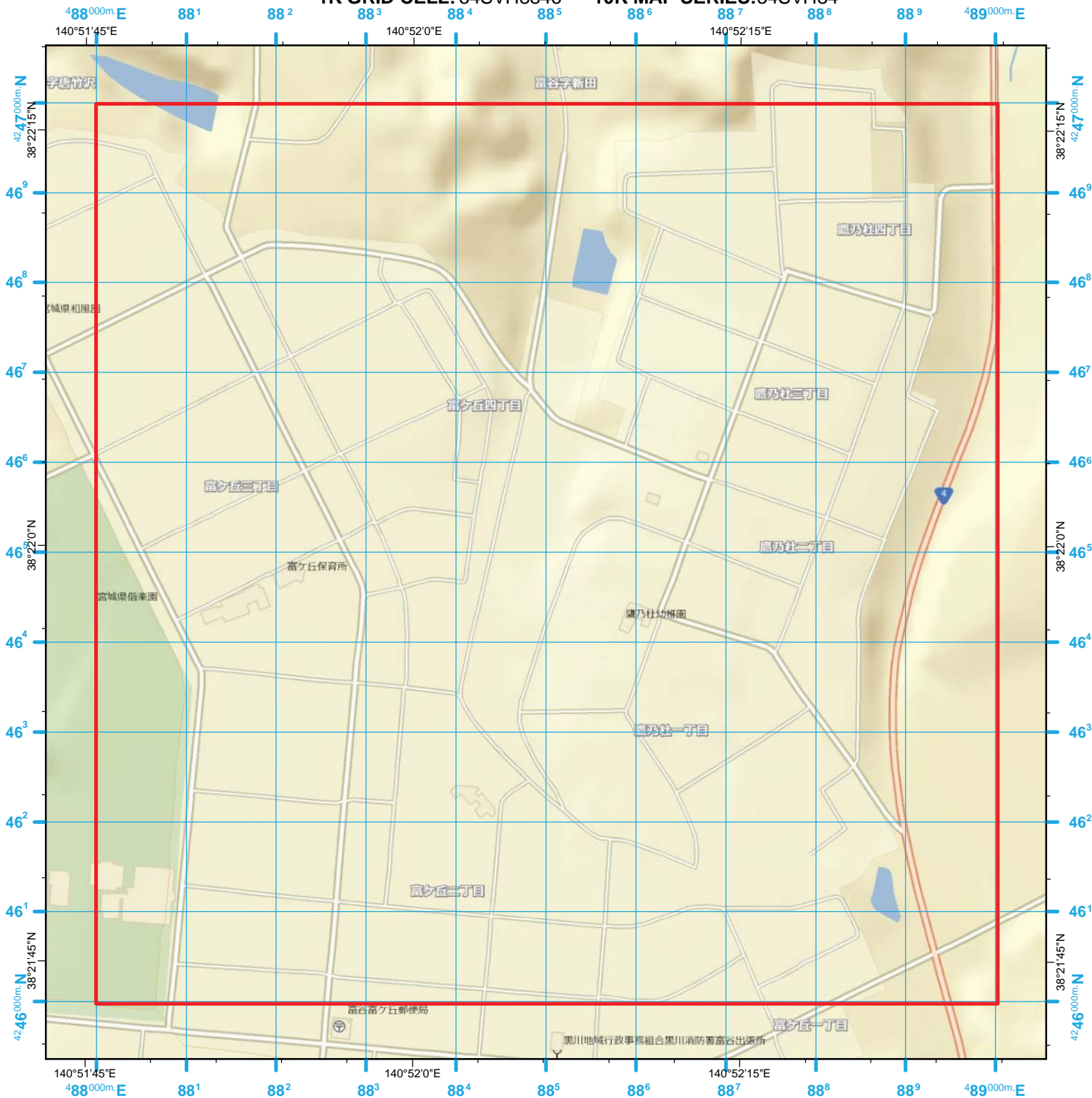
MAPSHEET 94 of 400

	70	96	122	148
51	69	95	121	147
50	68	94	120	146
49	67	93	119	145
48	66	92	118	144

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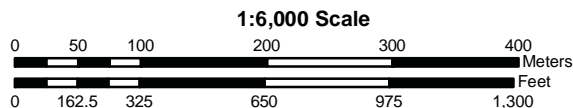
1K GRID CELL: 54SVH8846 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



INDEX MAP

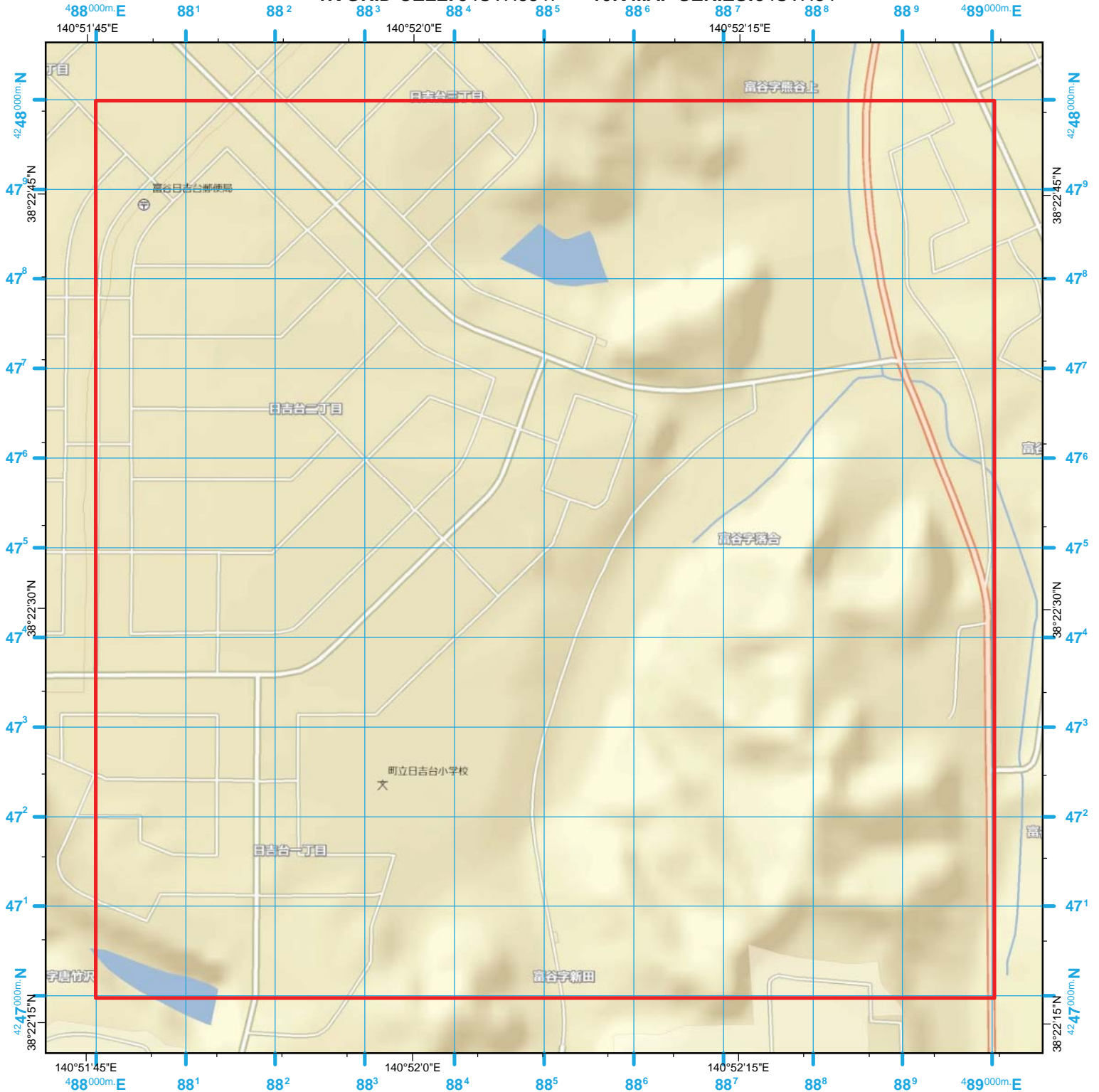
MAPSHEET 95 of 400

70	96	122	148	
51	69	95	121	147
50	68	94	120	146
49	67	93	119	145

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1K GRID CELL: 54SVH8847 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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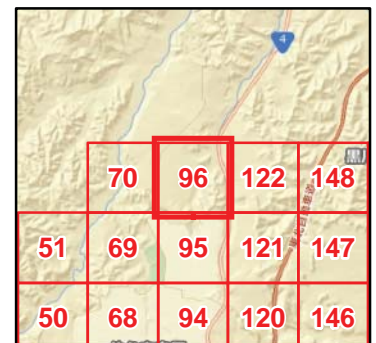
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



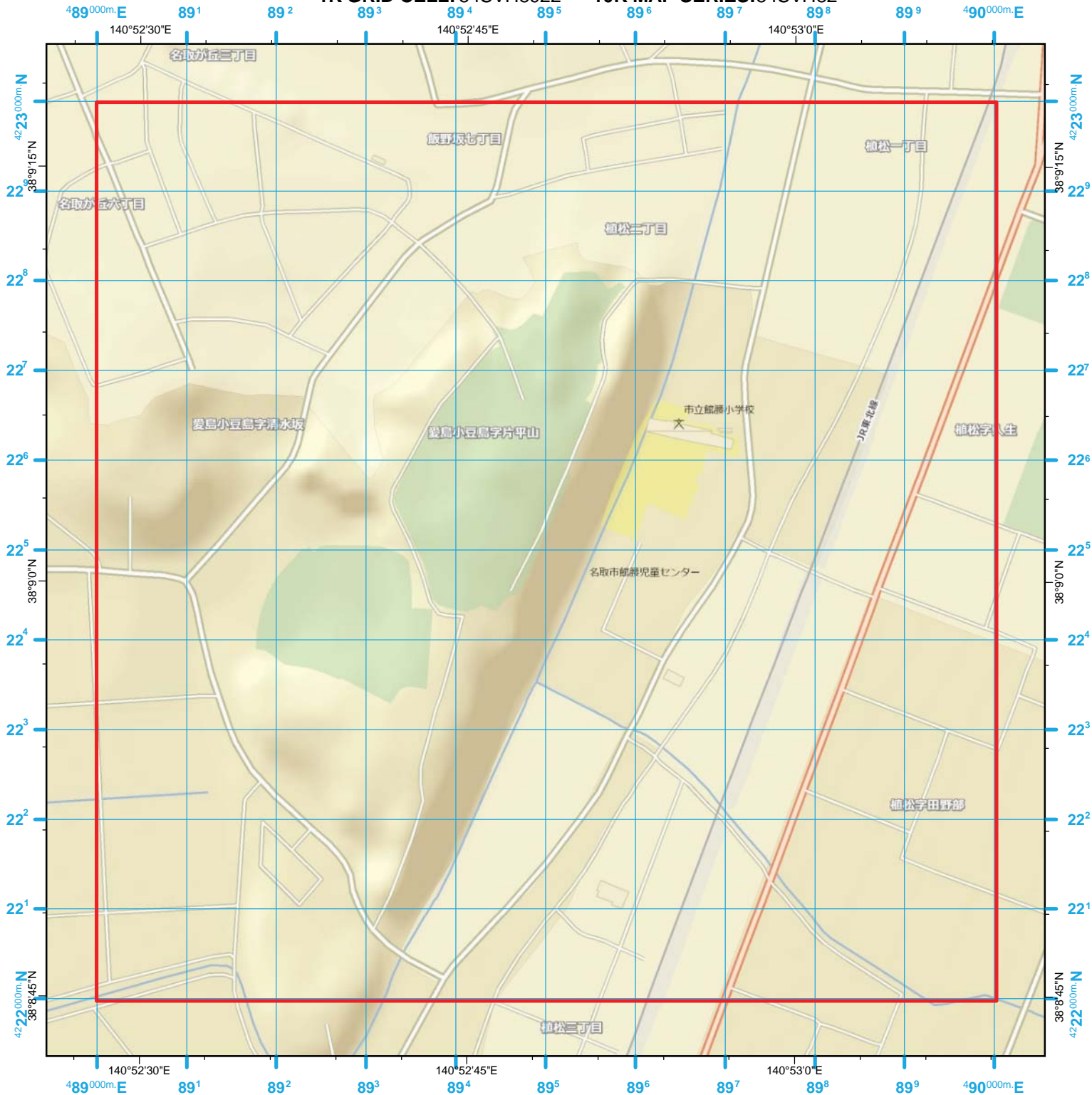
INDEX MAP
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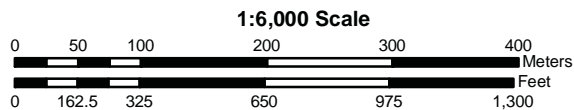
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
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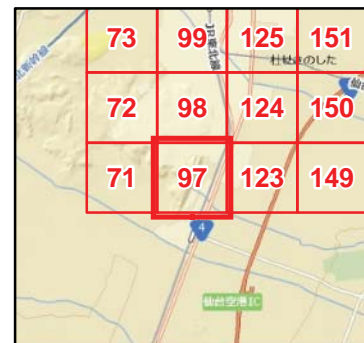
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



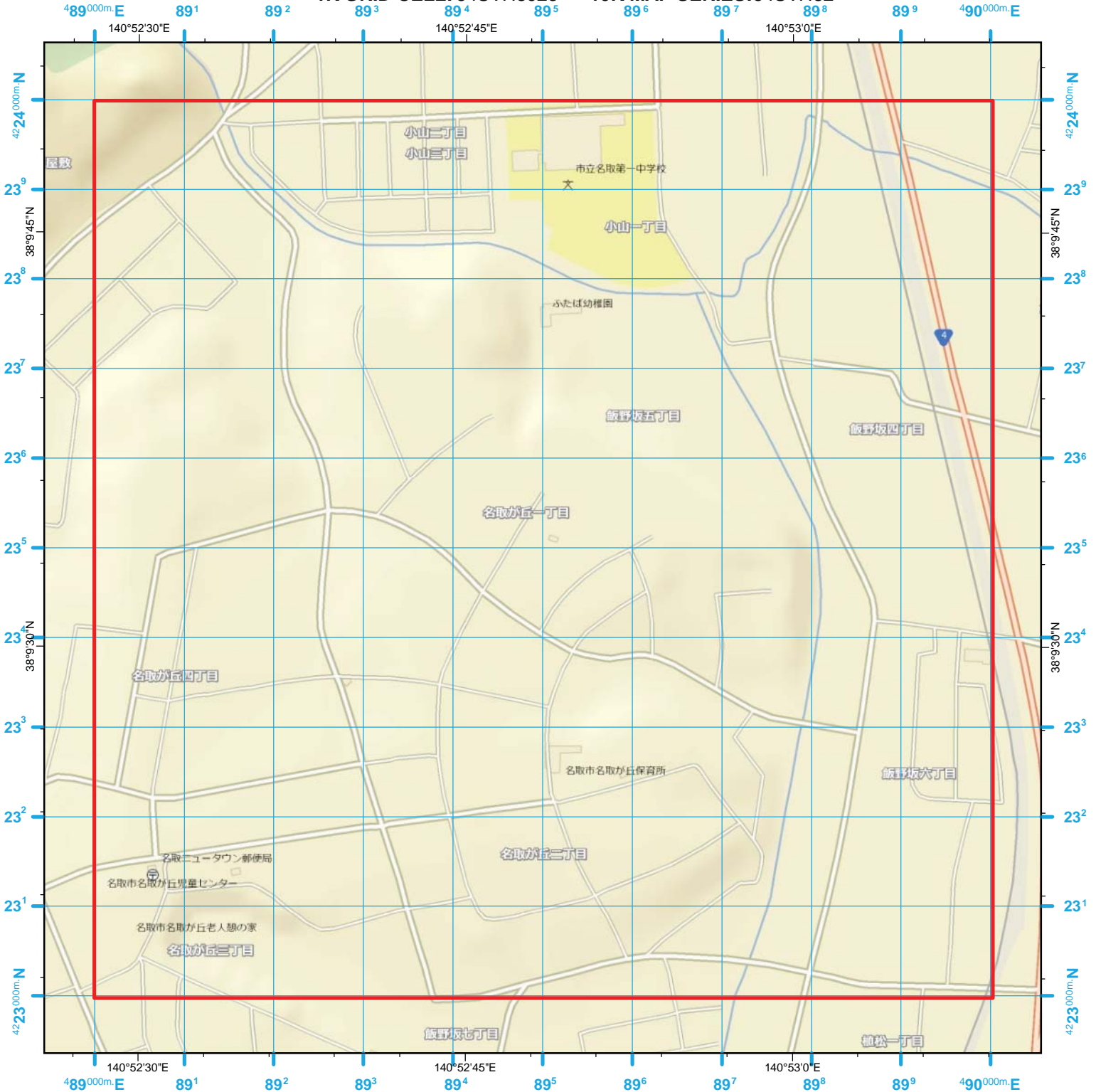
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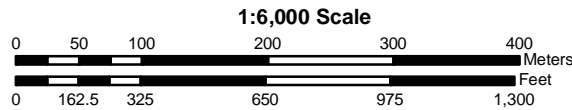
1K GRID CELL: 54SVH8923 10K MAP SERIES: 54SVH82



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



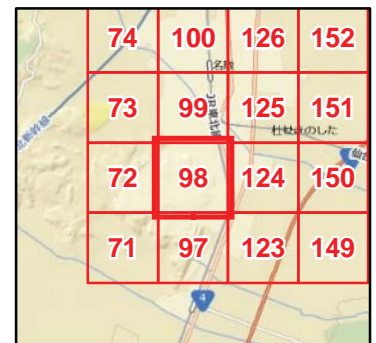
- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



INDEX MAP

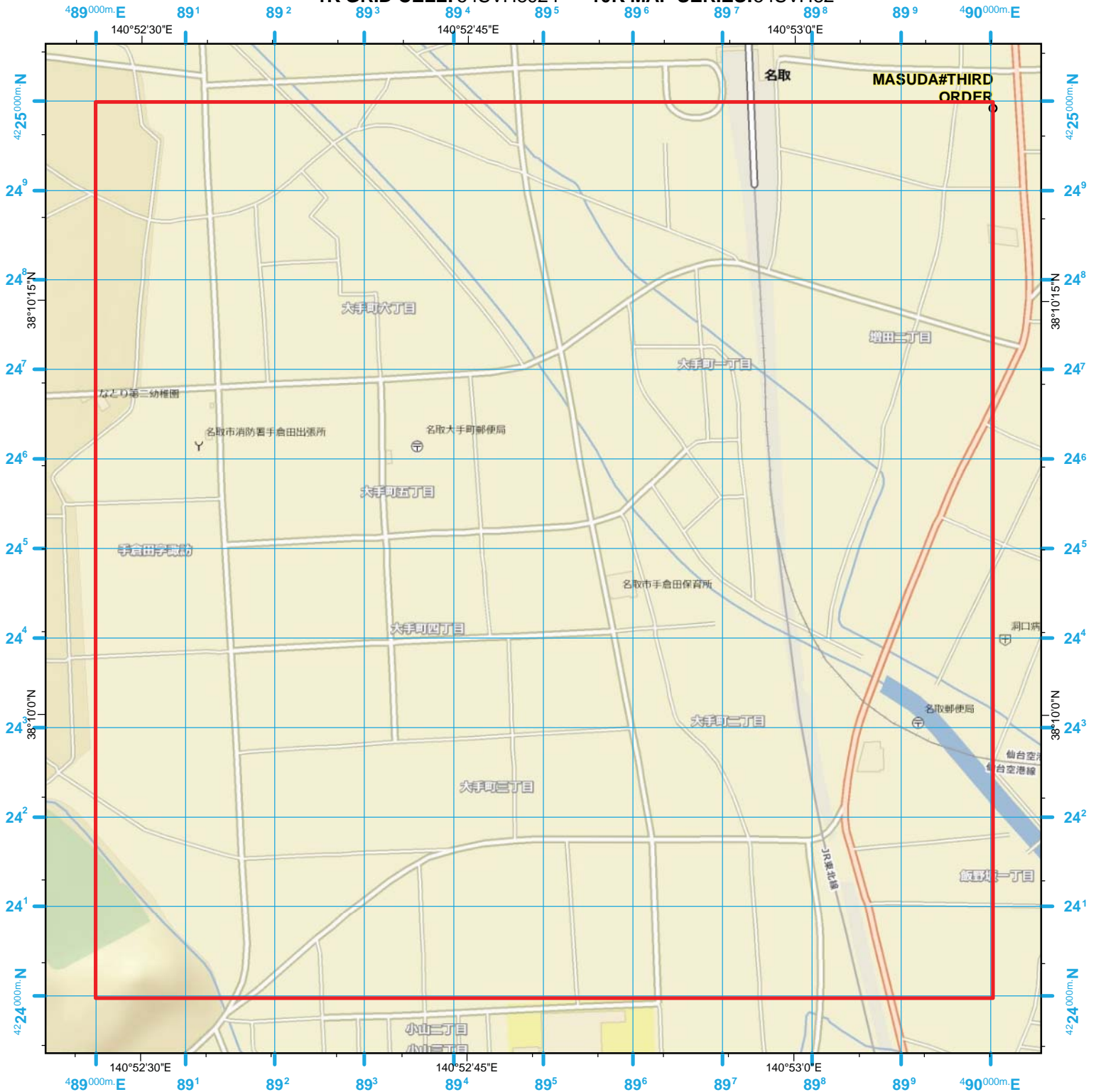
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1K GRID CELL: 54SVH8924 10K MAP SERIES: 54SVH82



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- 🏫 School



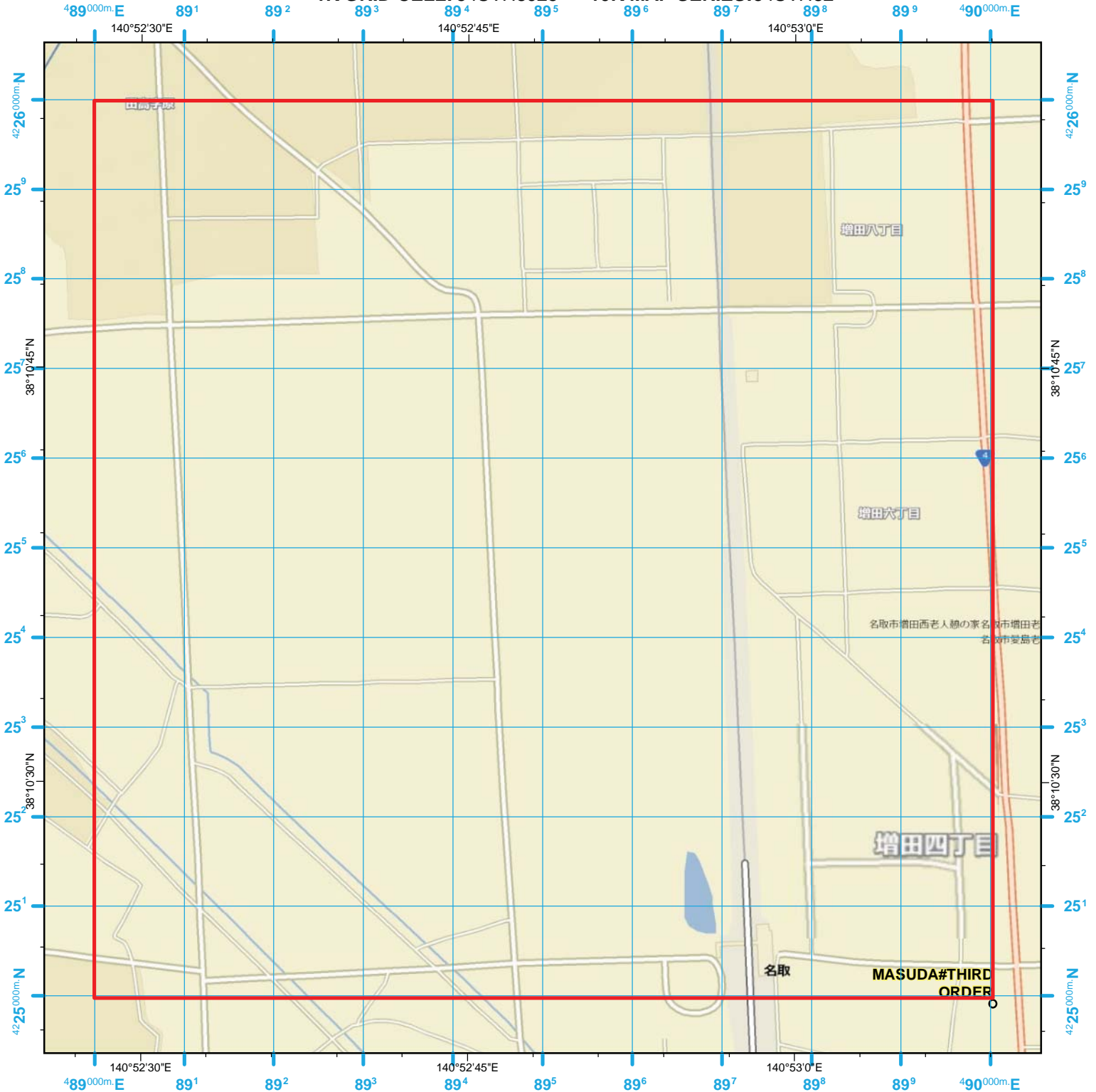
INDEX MAP
MAPSHEET 99 of 400

75	101	127	153
74	100	126	152
73	99	125	151
72	98	124	150
71	97	123	149

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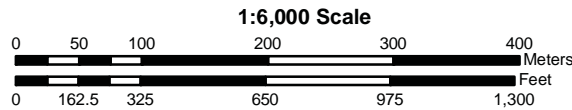
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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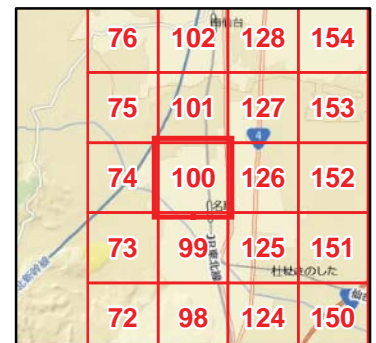
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- 🏫 School



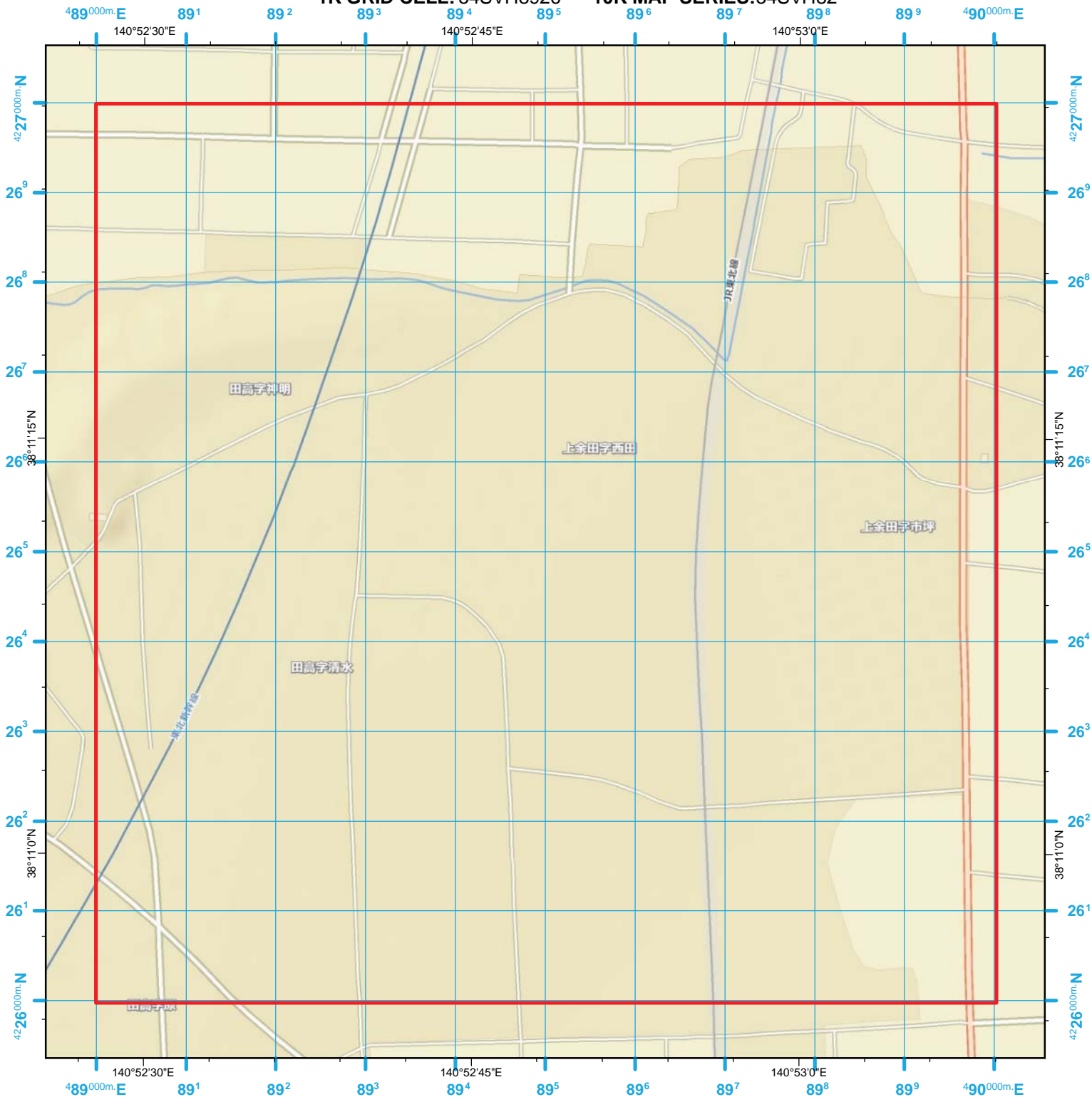
INDEX MAP MAPSHEET 100 of 400



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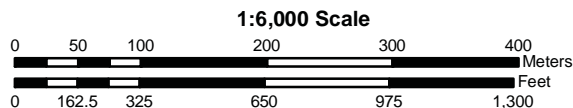
1K GRID CELL: 54SVH8926 10K MAP SERIES: 54SVH82



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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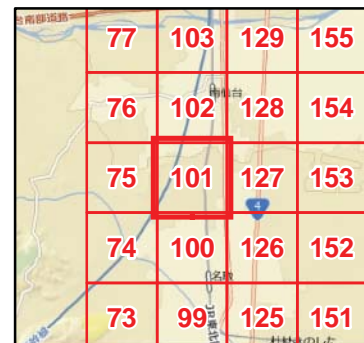
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP MAPSHEET 101 of 400



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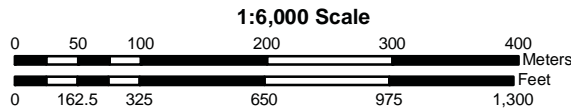
1K GRID CELL: 54SVH8927 10K MAP SERIES: 54SVH82



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
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VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

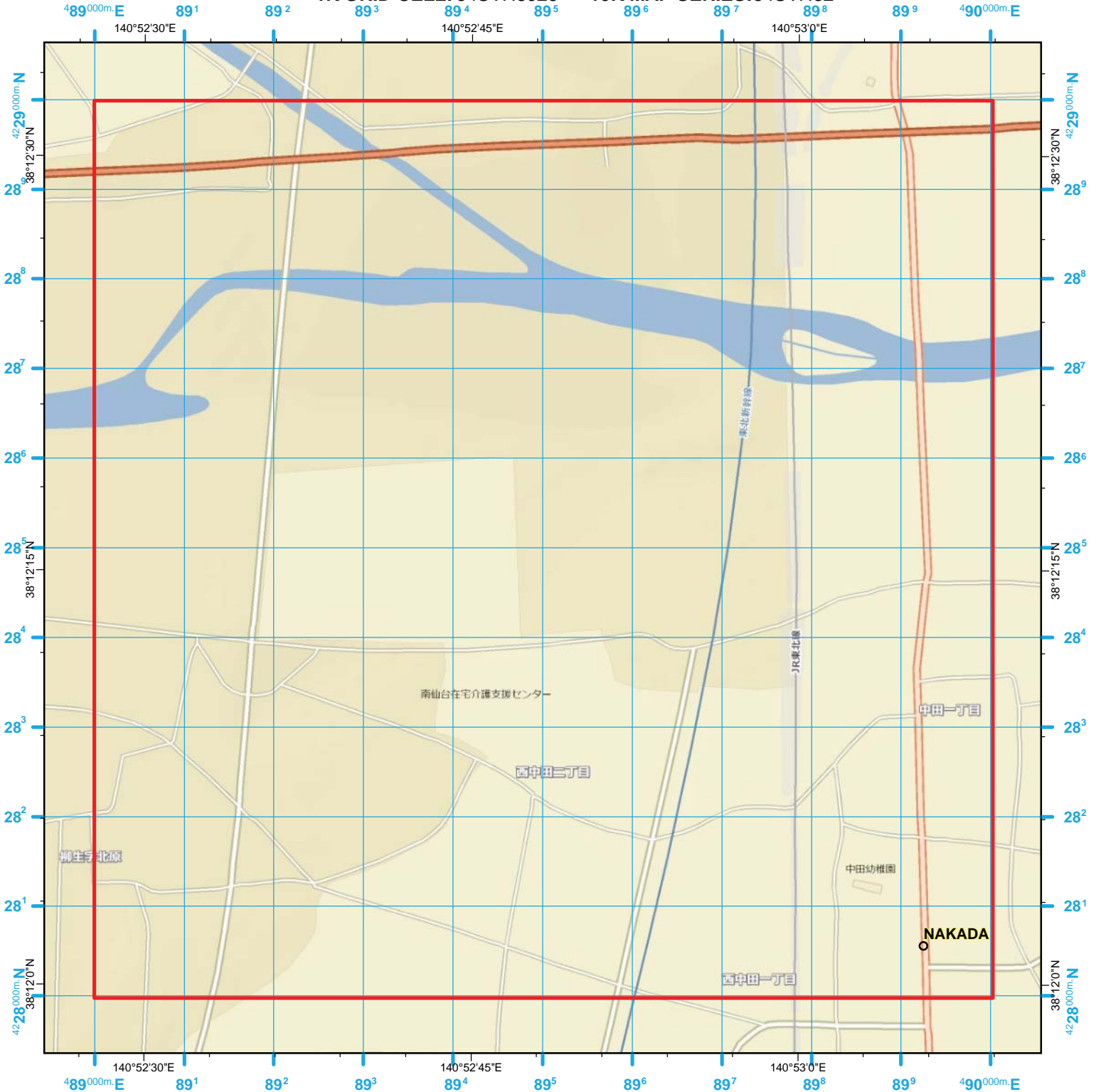
MAPSHEET 102 of 400

52	78	104	130	156
77	103	129	155	
76	102	128	154	
75	101	127	153	
74	100	126	152	

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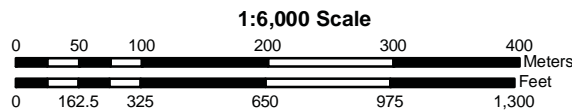
1K GRID CELL: 54SVH8928 10K MAP SERIES: 54SVH82



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
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VH
54S
Grid Zone Designation



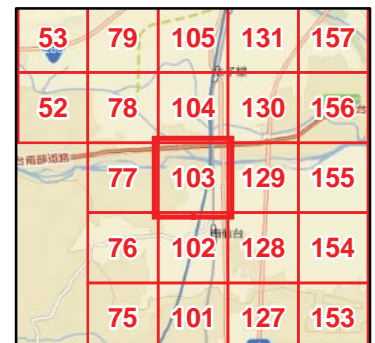
- Search Grid
- H Hospital
- P Police
- 🏫 School

1:6,000 Scale



INDEX MAP

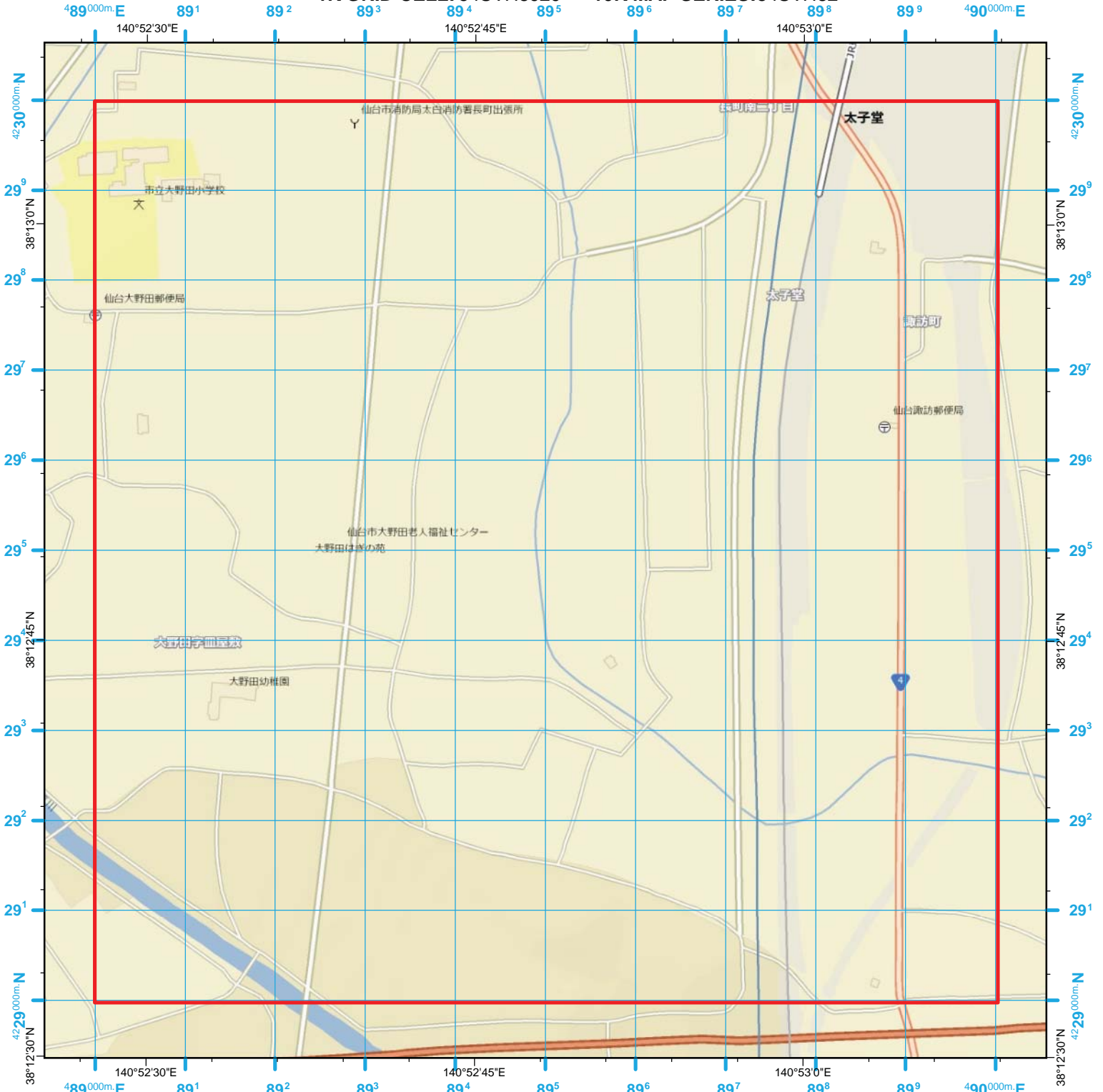
MAPSHEET 103 of 400



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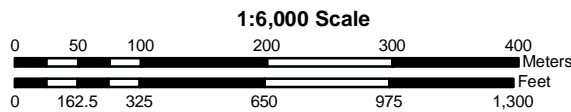
1K GRID CELL: 54SVH8929 10K MAP SERIES: 54SVH82



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

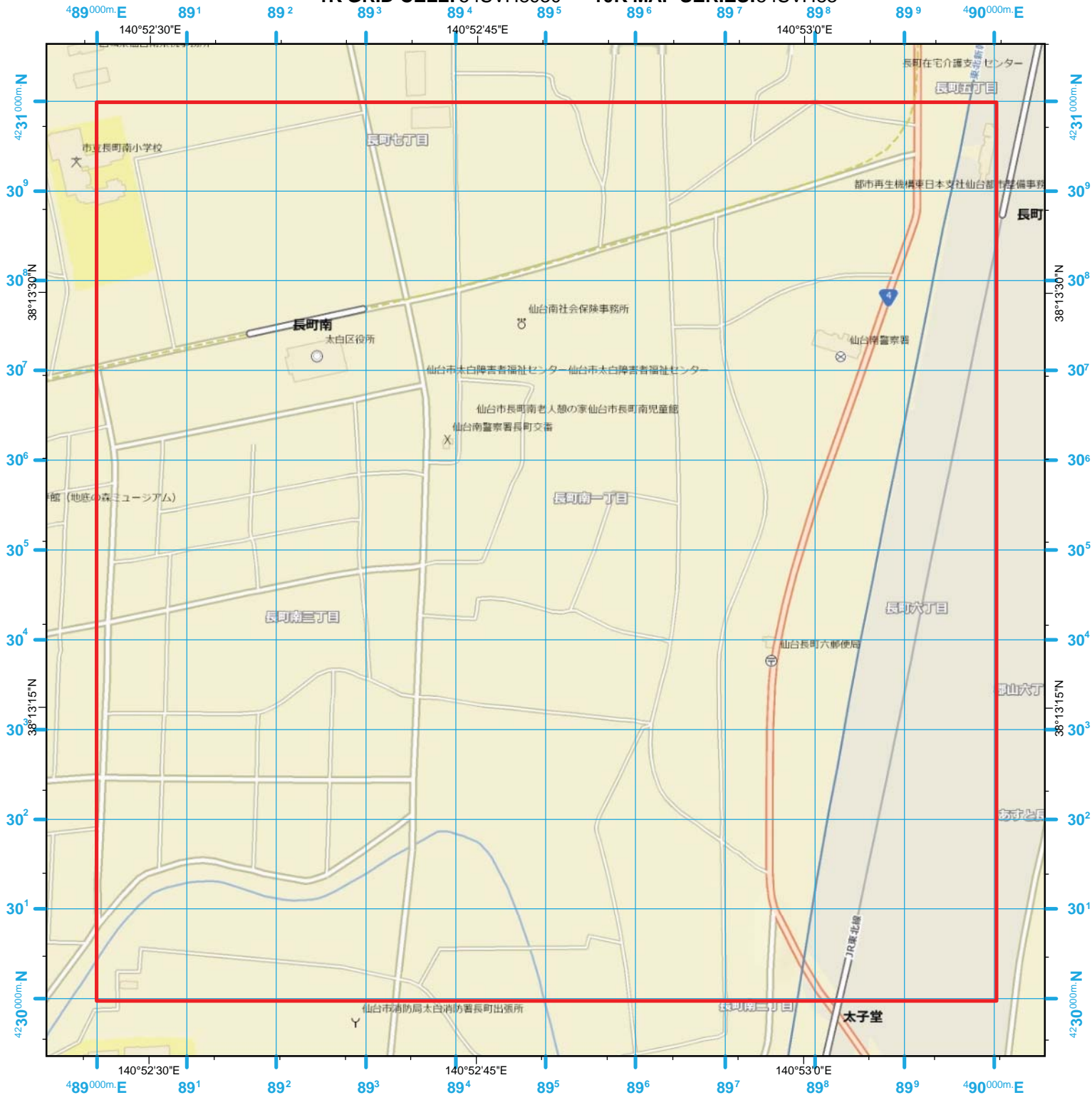
MAPSHEET 104 of 400

54	80	106	132	158
53	79	105	131	157
52	78	104	130	156
	77	103	129	155
	76	102	128	154

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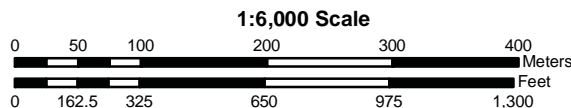
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

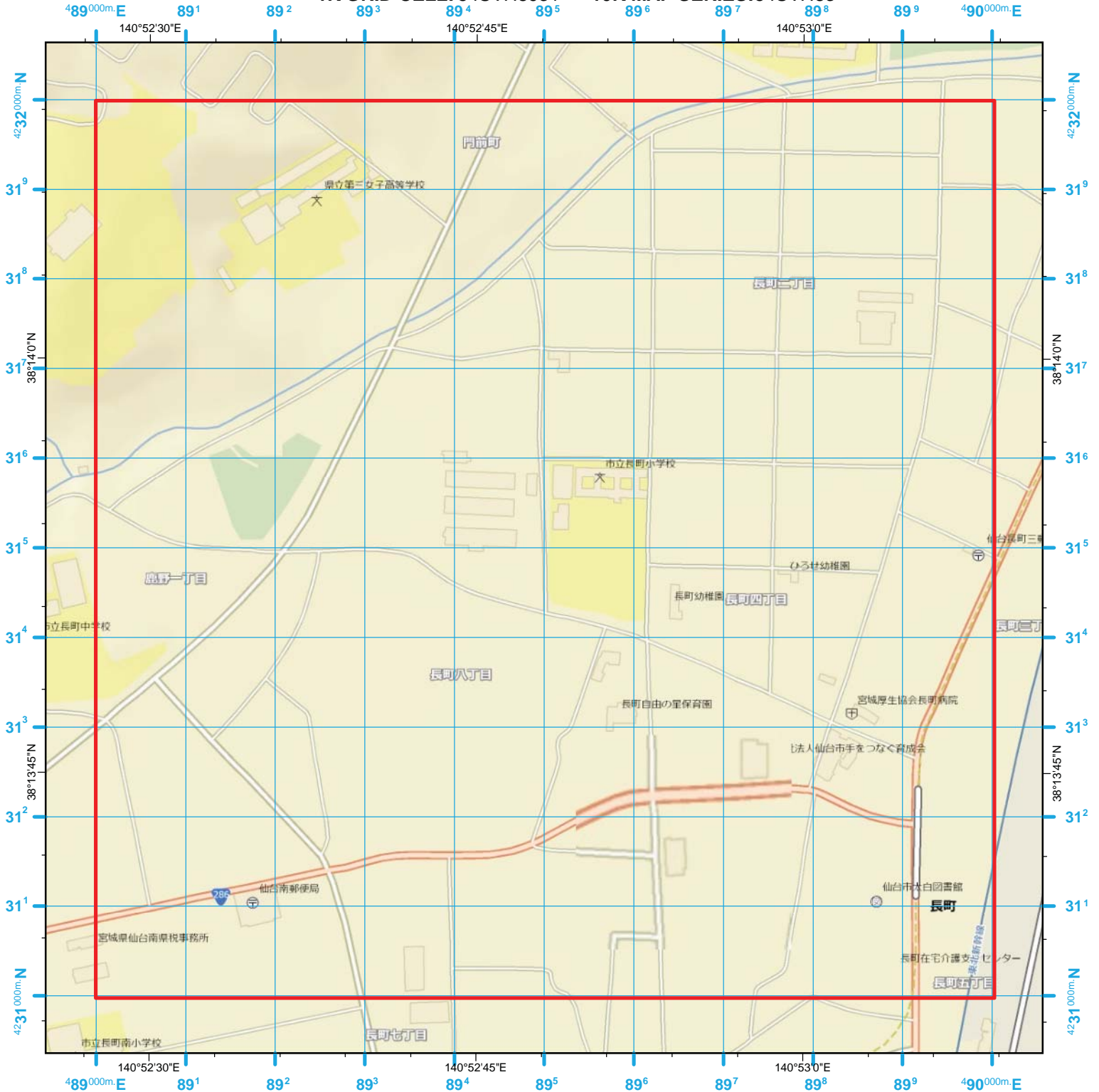
MAPSHEET 105 of 400

55	81	107	133	159
54	80	106	132	158
53	79	105	131	157
52	78	104	130	156
77	103	129	155	

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1K GRID CELL: 54SVH8931 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

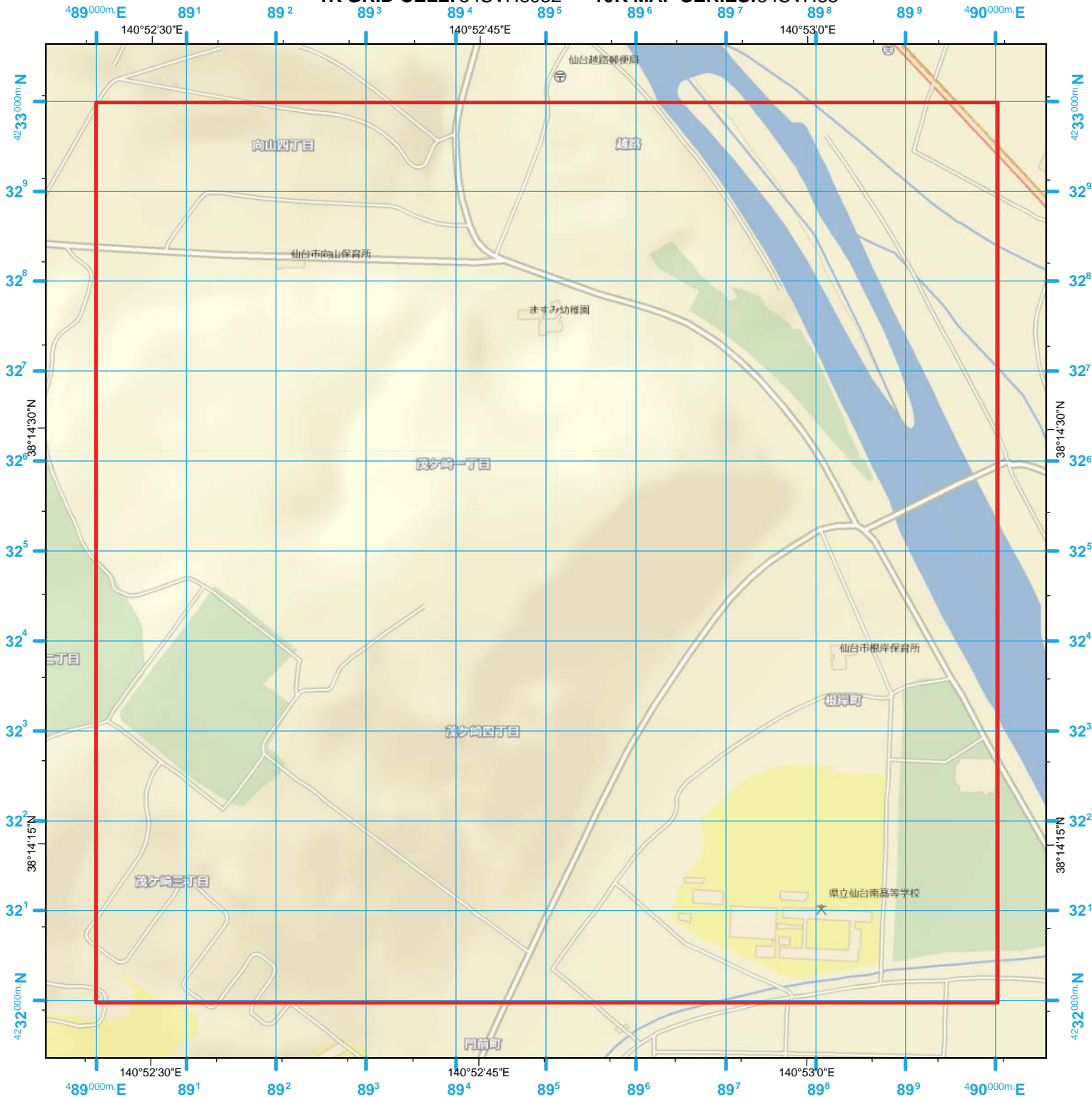
MAPSHEET 106 of 400

56	82	108	134	160
55	81	107	133	159
54	80	106	132	158
53	79	105	131	157
52	78	104	130	156

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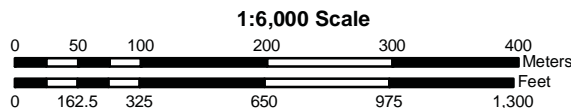
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

MAPSHEET 107 of 400

57	83	109	135	161
56	82	108	134	160
55	81	107	133	159
54	80	106	132	158
53	79	105	131	157

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1K GRID CELL: 54SVH8933 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

MAPSHEET 108 of 400

58	84	110	136	162
57	83	109	135	161
56	82	108	134	160
55	81	107	133	159
54	80	106	132	158

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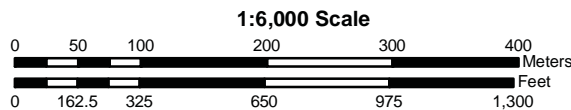
1K GRID CELL: 54SVH8934 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale

INDEX MAP

MAPSHEET 109 of 400



59	85	111	137	163
58	84	110	136	162
57	83	109	135	161
56	82	108	134	160
55	81	107	133	159

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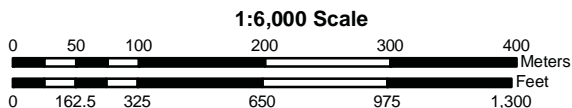
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

MAPSHEET 110 of 400

60	86	112	138	164
59	85	111	137	163
58	84	110	136	162
57	83	109	135	161
56	82	108	134	160

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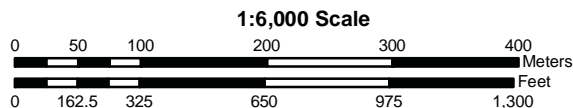
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

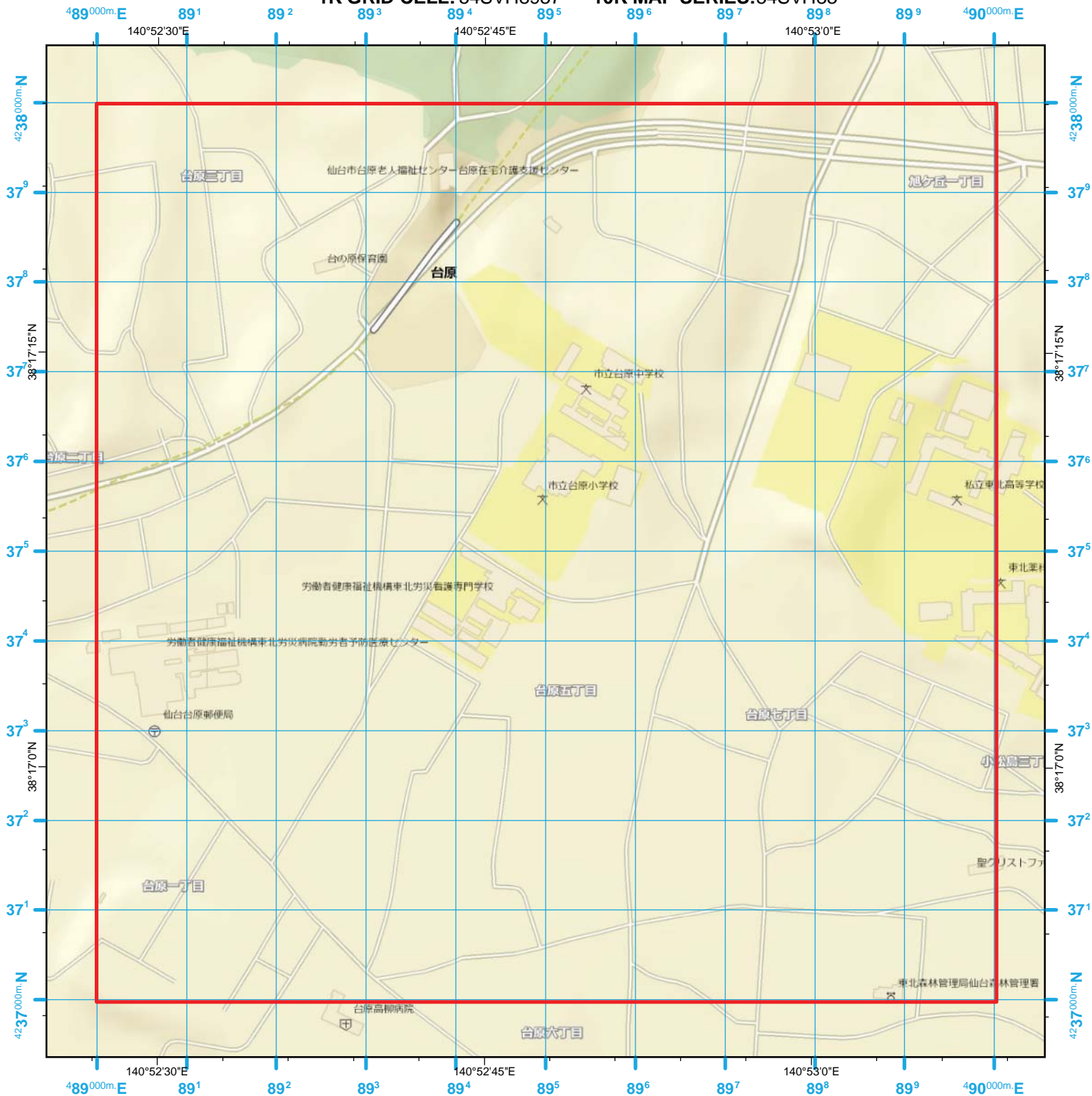
MAPSHEET 111 of 400

61	87	113	139	165
60	86	112	138	164
59	85	111	137	163
58	84	110	136	162
57	83	109	135	161

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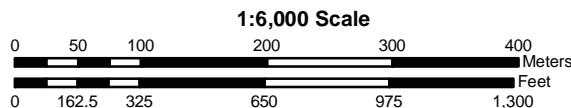
1K GRID CELL: 54SVH8937 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

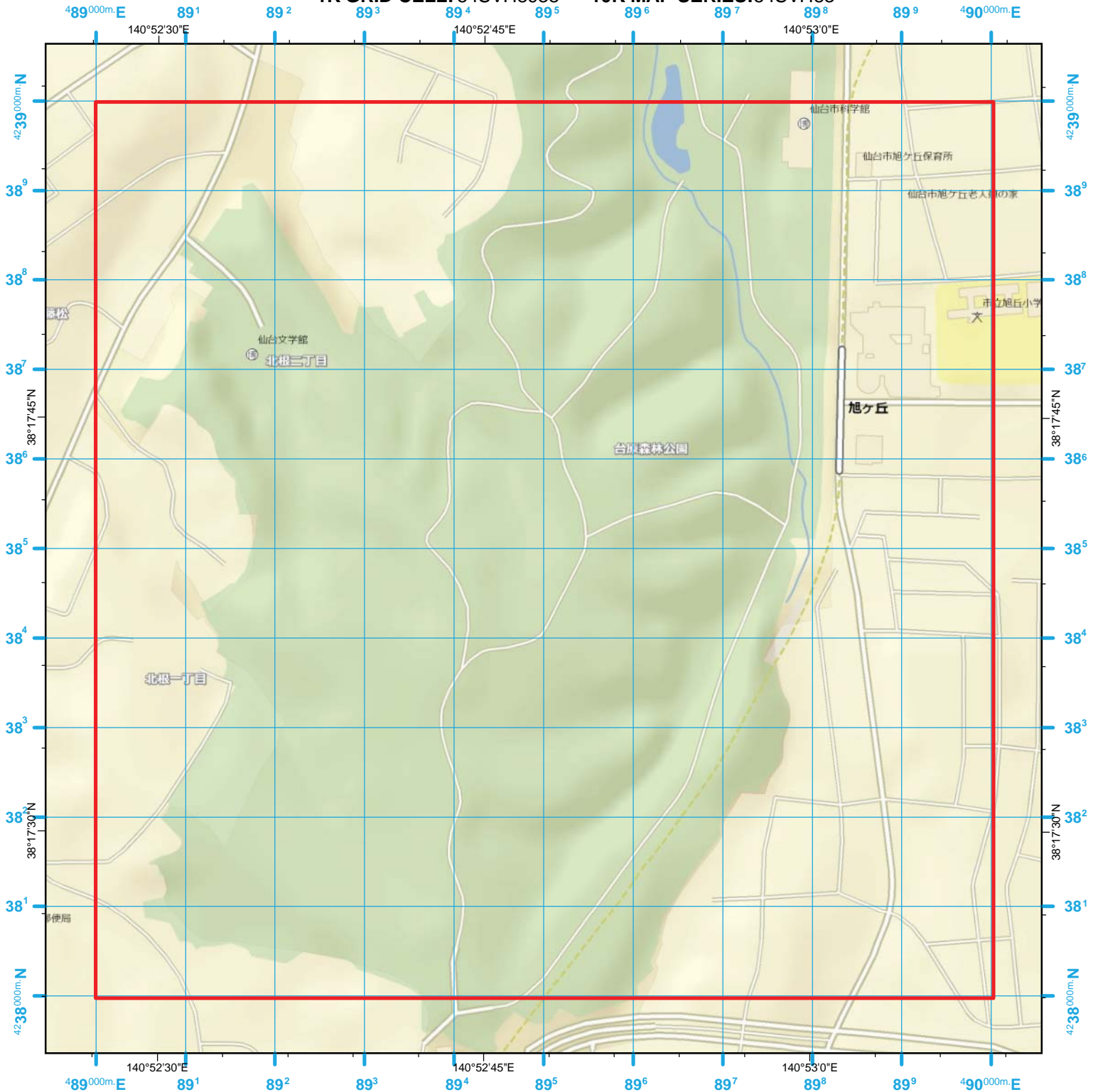
MAPSHEET 112 of 400

62	88	114	140	166
61	87	113	139	165
60	86	112	138	164
59	85	111	137	163
58	84	110	136	162

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1K GRID CELL: 54SVH8938 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



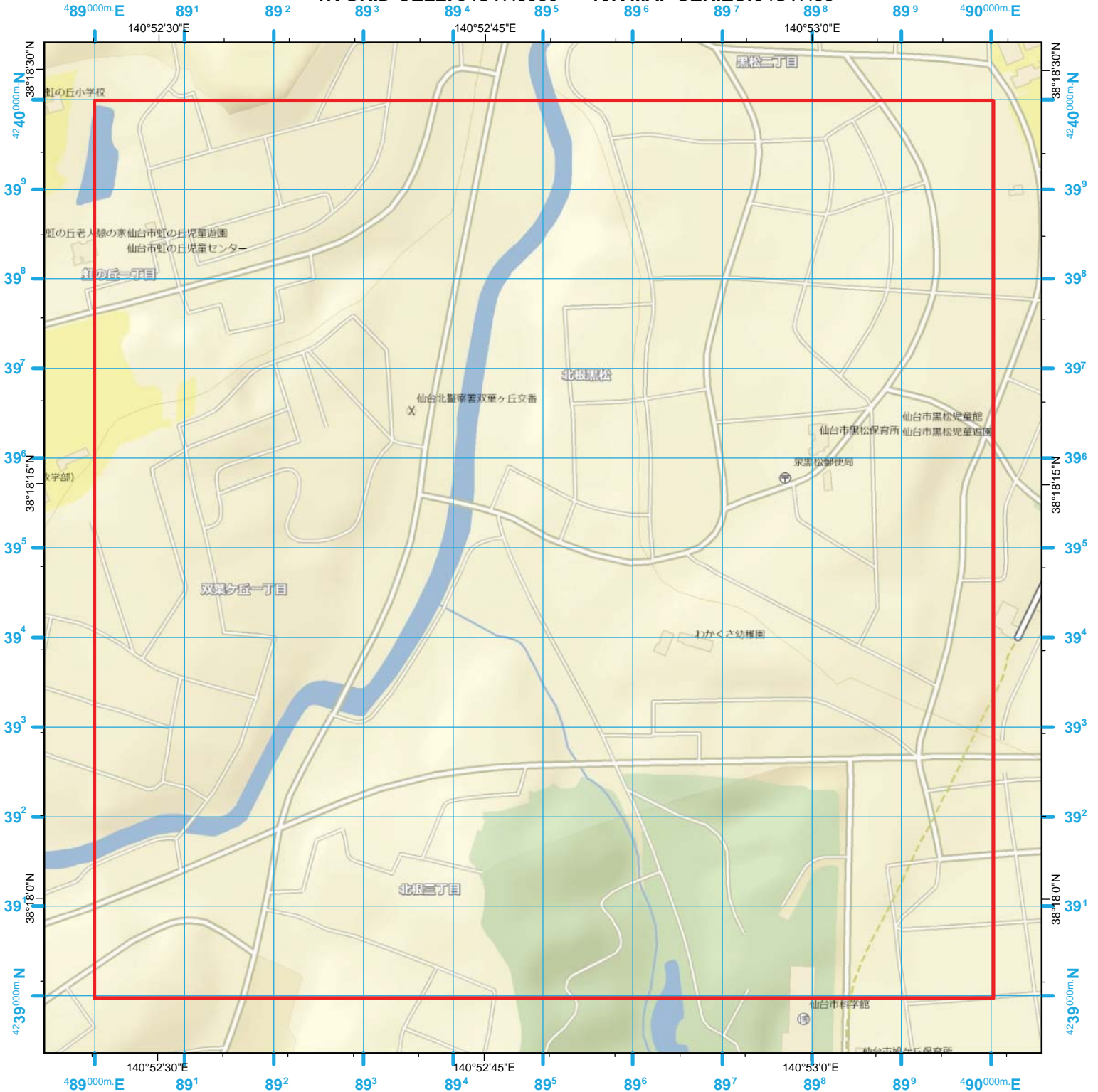
INDEX MAP

MAPSHEET 113 of 400

63	89	115	141	167
62	88	114	140	166
61	87	113	139	165
60	86	112	138	164
59	85	111	137	163

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1K GRID CELL: 54SVH8939 10K MAP SERIES: 54SVH83



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



INDEX MAP

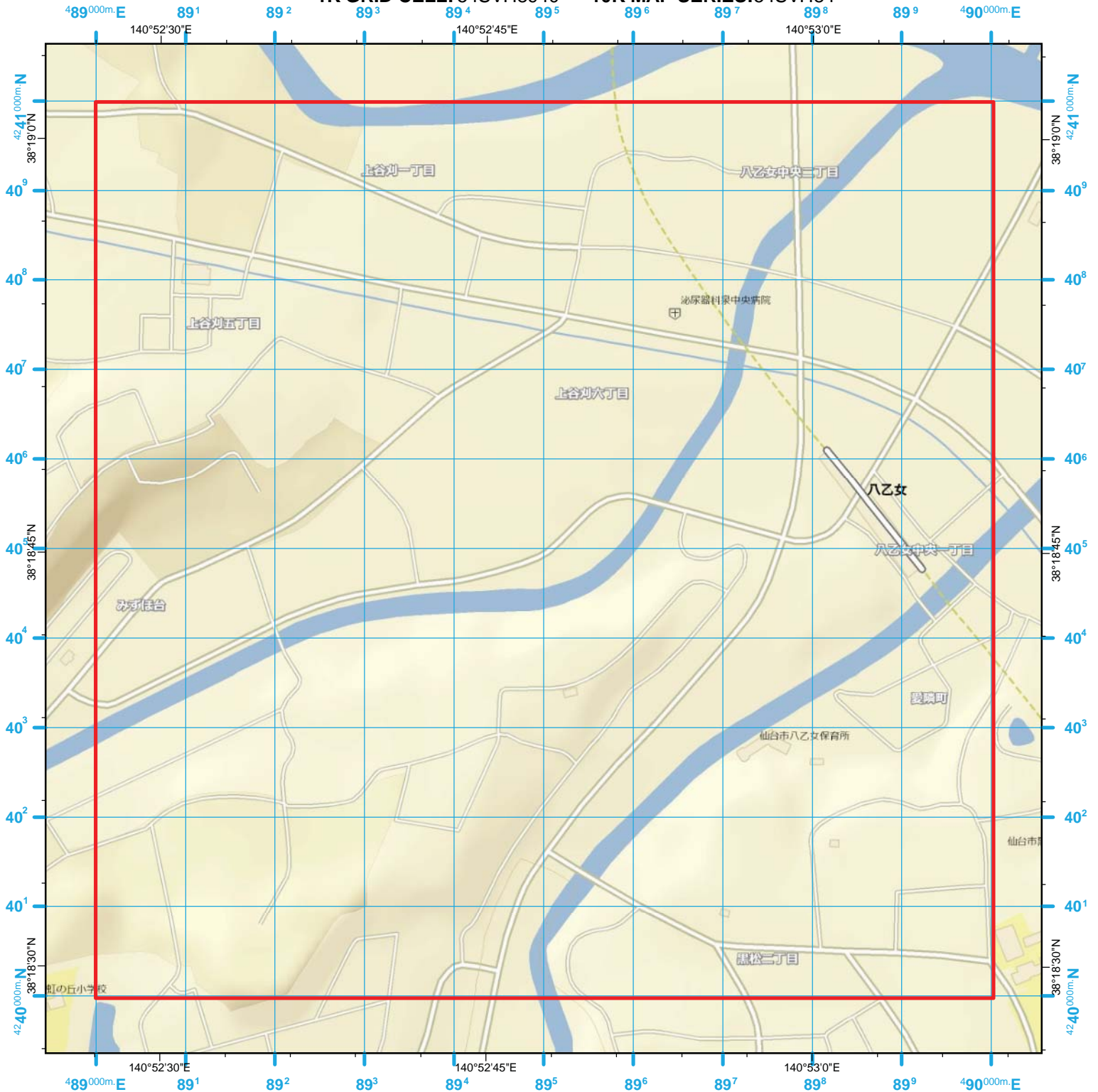
MAPSHEET 114 of 400

64	90	116	142	168
63	89	115	141	167
62	88	114	140	166
61	87	113	139	165
60	86	112	138	164

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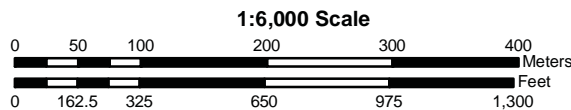
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

MAPSHEET 115 of 400

65	91	117	143	169
64	90	116	142	168
63	89	115	141	167
62	88	114	140	166
61	87	113	139	165

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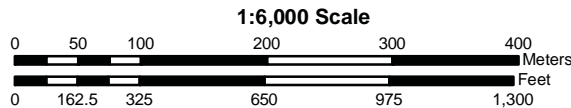
1K GRID CELL: 54SVH8941 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



INDEX MAP

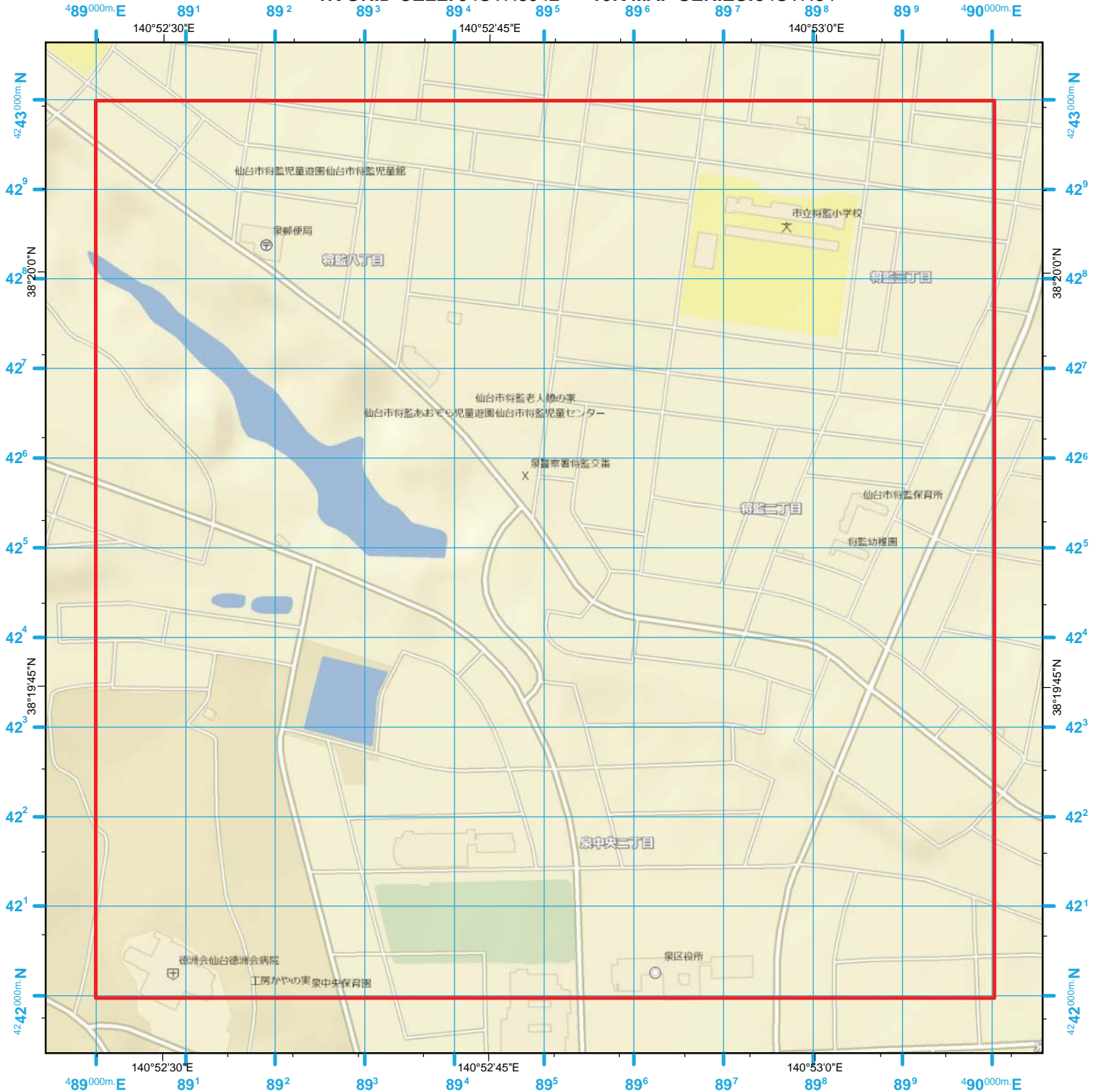
MAPSHEET 116 of 400

66	92	118	144	170
65	91	117	143	169
64	90	116	142	168
63	89	115	141	167
62	88	114	140	166

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1K GRID CELL: 54SVH8942 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



INDEX MAP

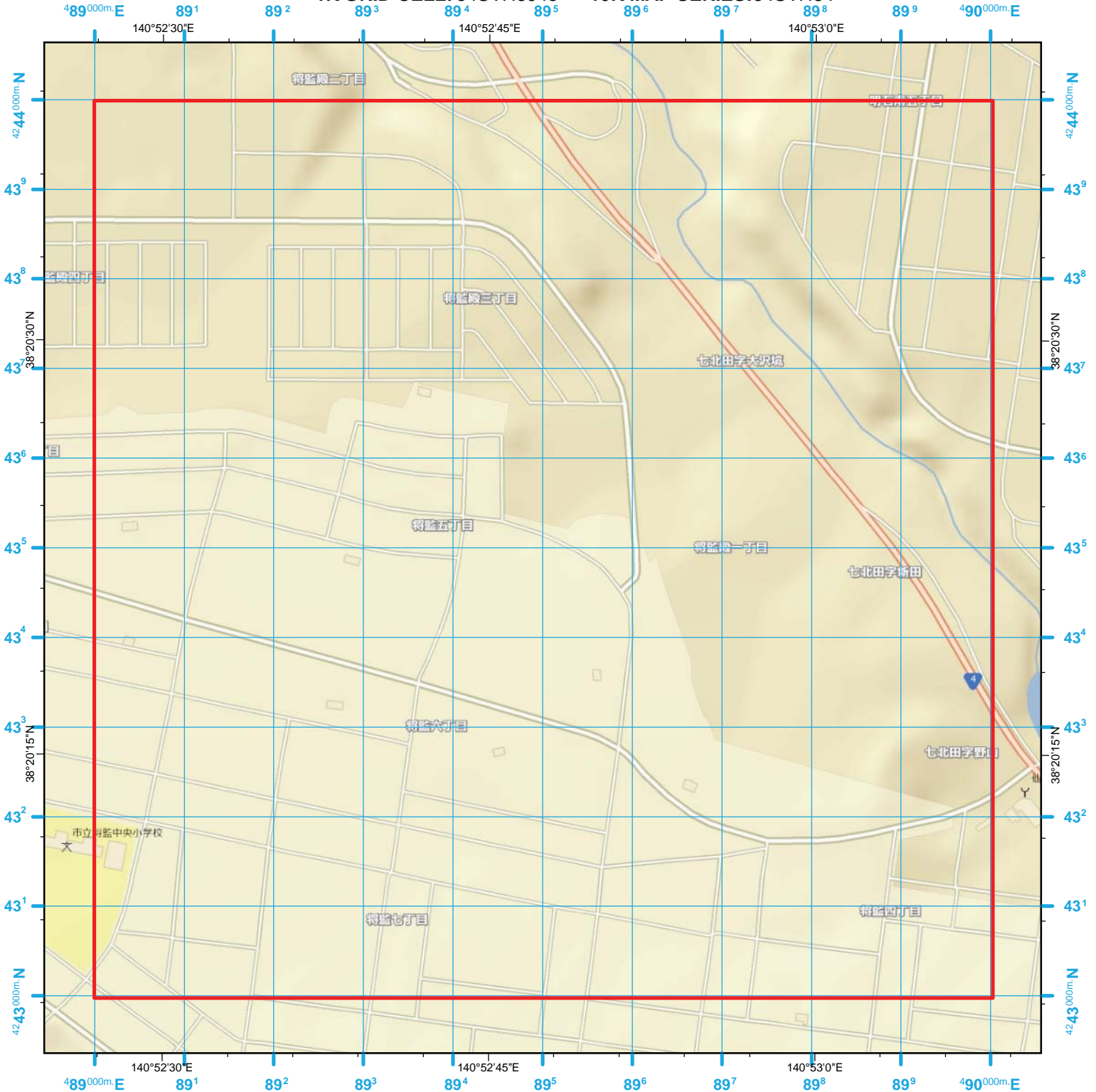
MAPSHEET 117 of 400

67	93	119	145	171
66	92	118	144	170
65	91	117	143	169
64	90	116	142	168
63	89	115	141	167

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1K GRID CELL: 54SVH8943 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

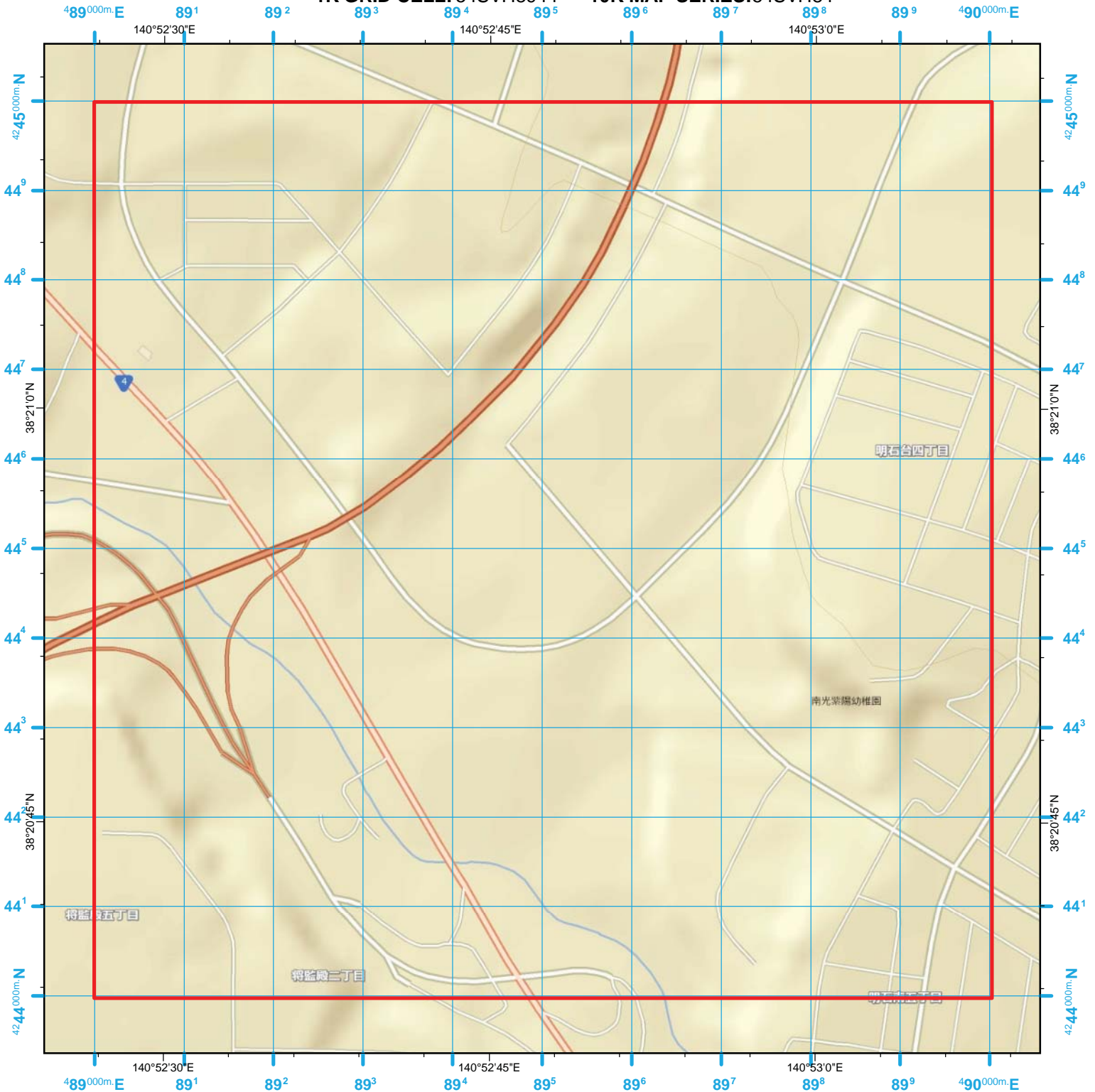
MAPSHEET 118 of 400

68	94	120	146	172
67	93	119	145	171
66	92	118	144	170
65	91	117	143	169
64	90	116	142	168

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1K GRID CELL: 54SVH8944 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



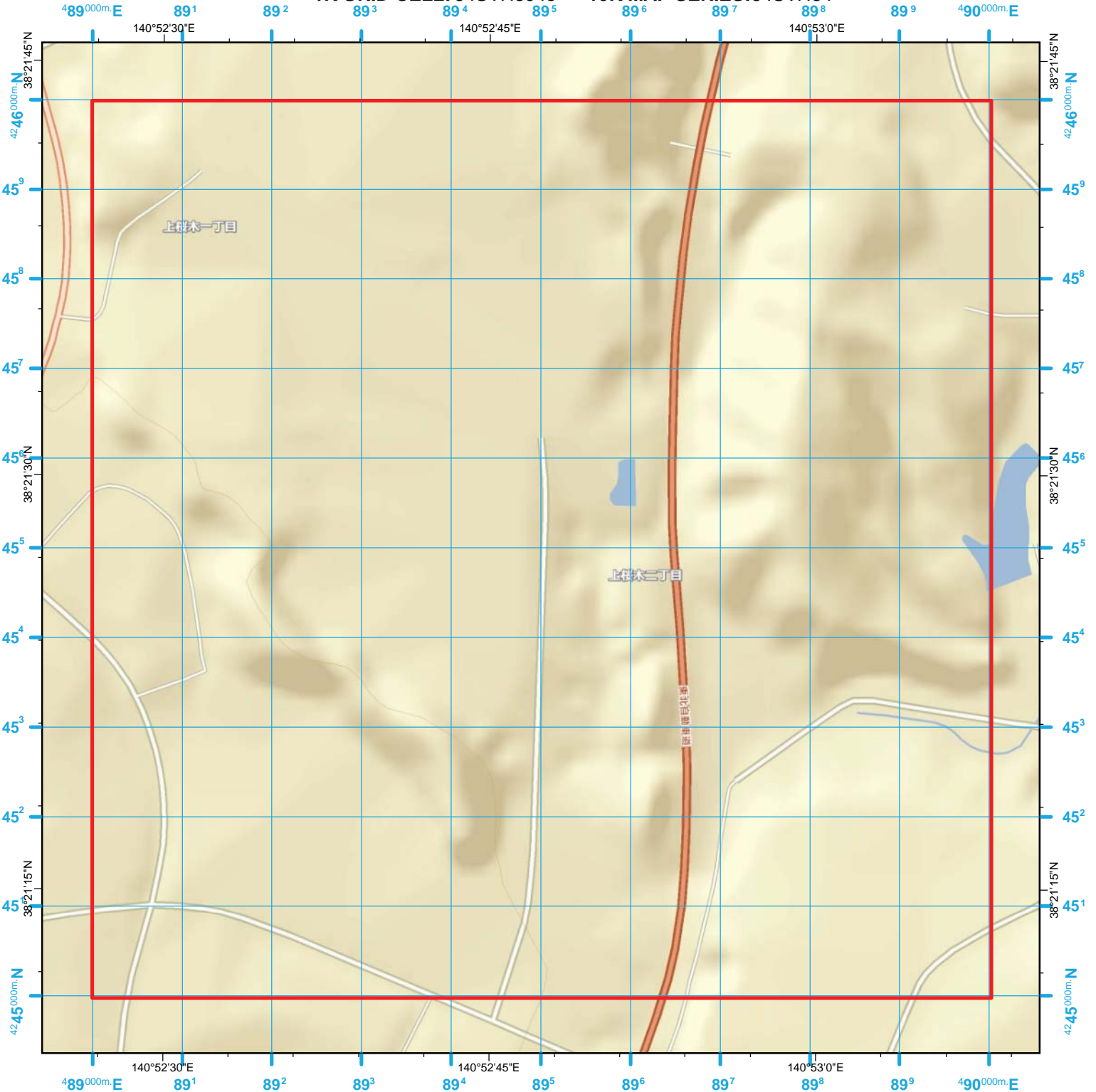
INDEX MAP

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69	95	121	147	173
68	94	120	146	172
67	93	119	145	171
66	92	118	144	170
65	91	117	143	169

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1K GRID CELL: 54SVH8945 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



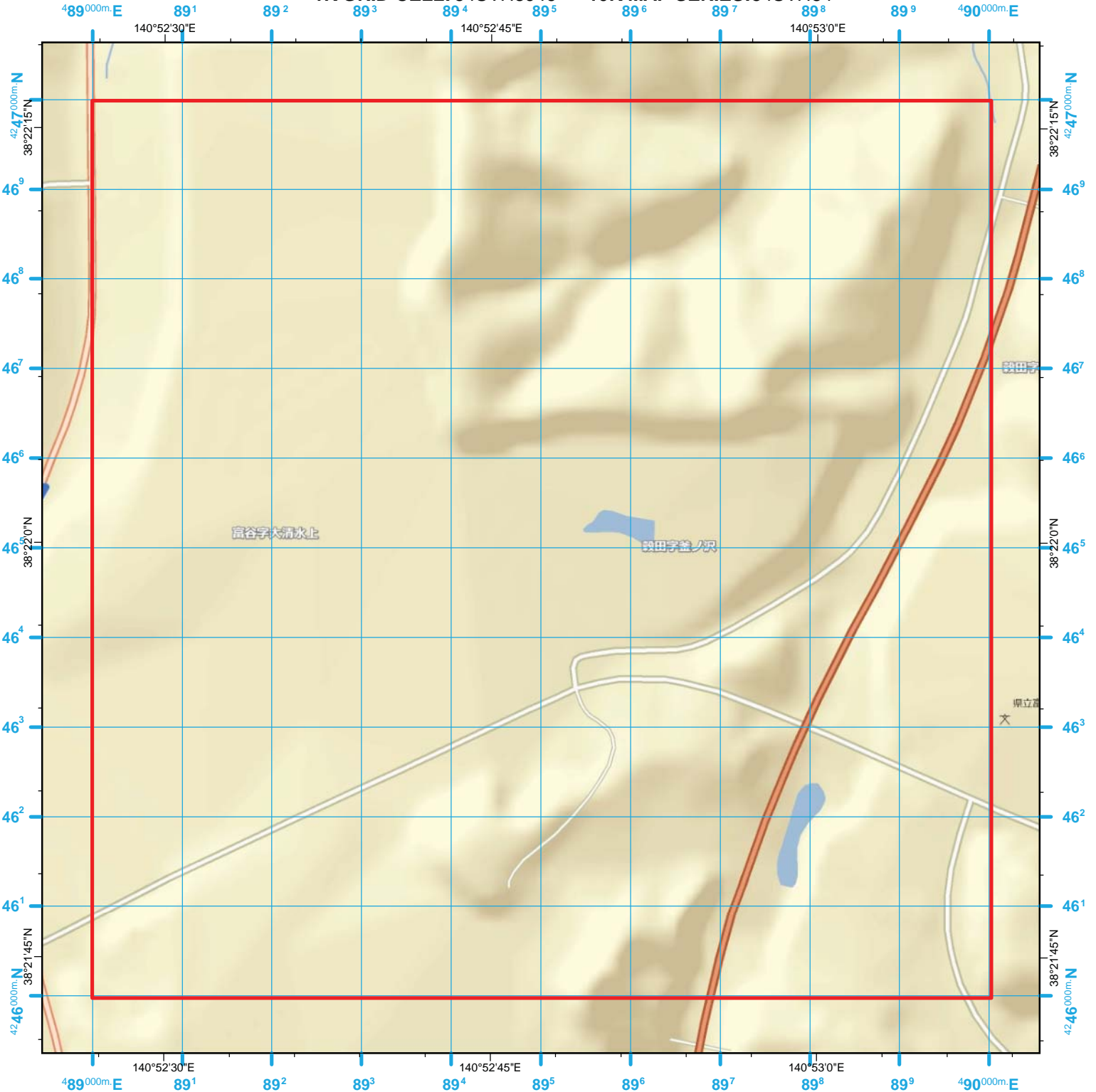
INDEX MAP

MAPSHEET 120 of 400

70	96	122	148	174
69	95	121	147	173
68	94	120	146	172
67	93	119	145	171
66	92	118	144	170

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1K GRID CELL: 54SVH8946 10K MAP SERIES: 54SVH84



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

INDEX MAP

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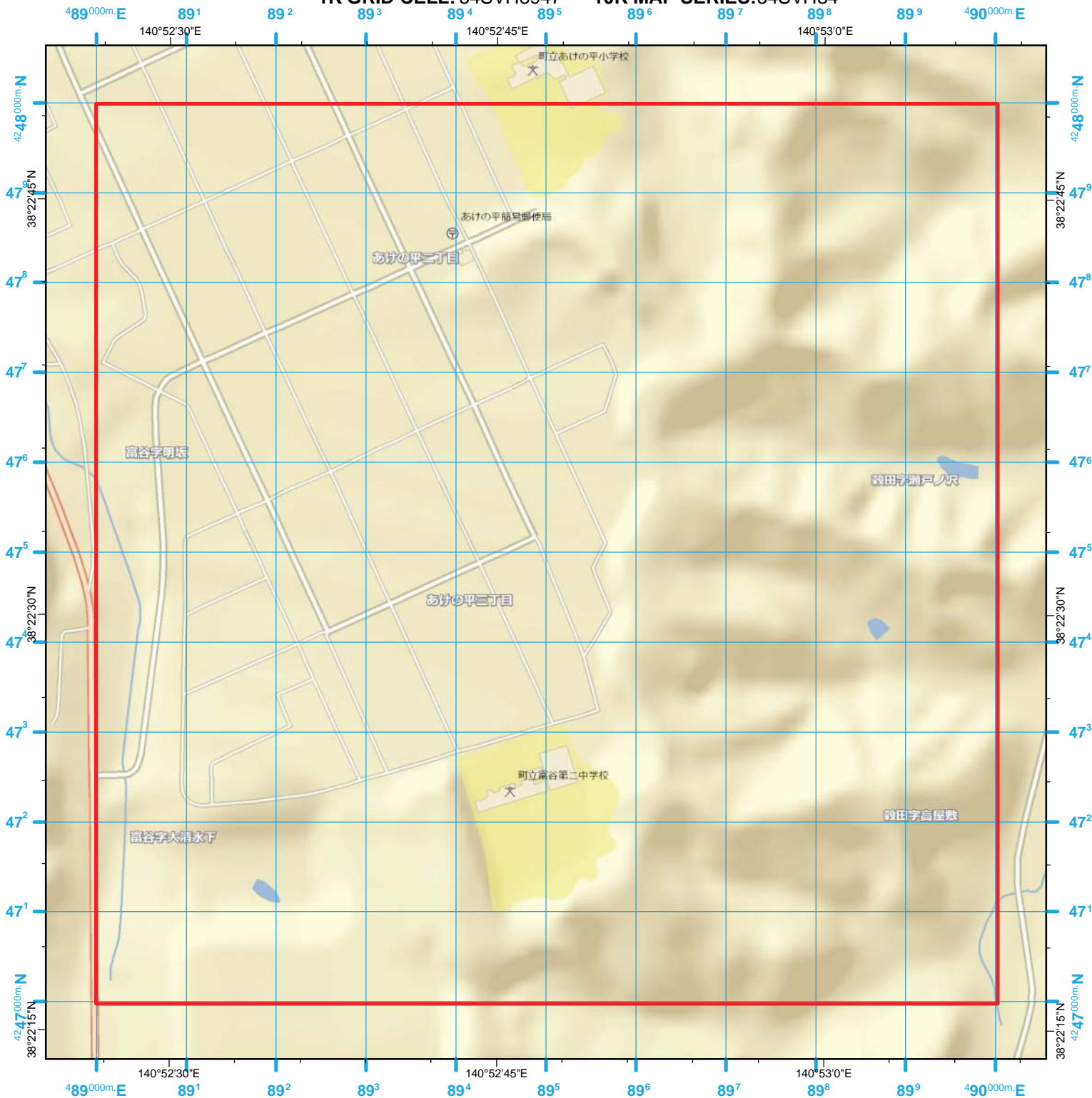


70	96	122	148	174
69	95	121	147	173
68	94	120	146	172
67	93	119	145	171

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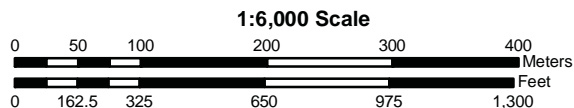
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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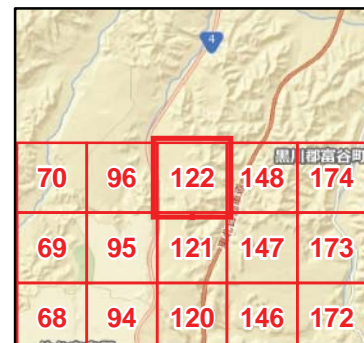
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



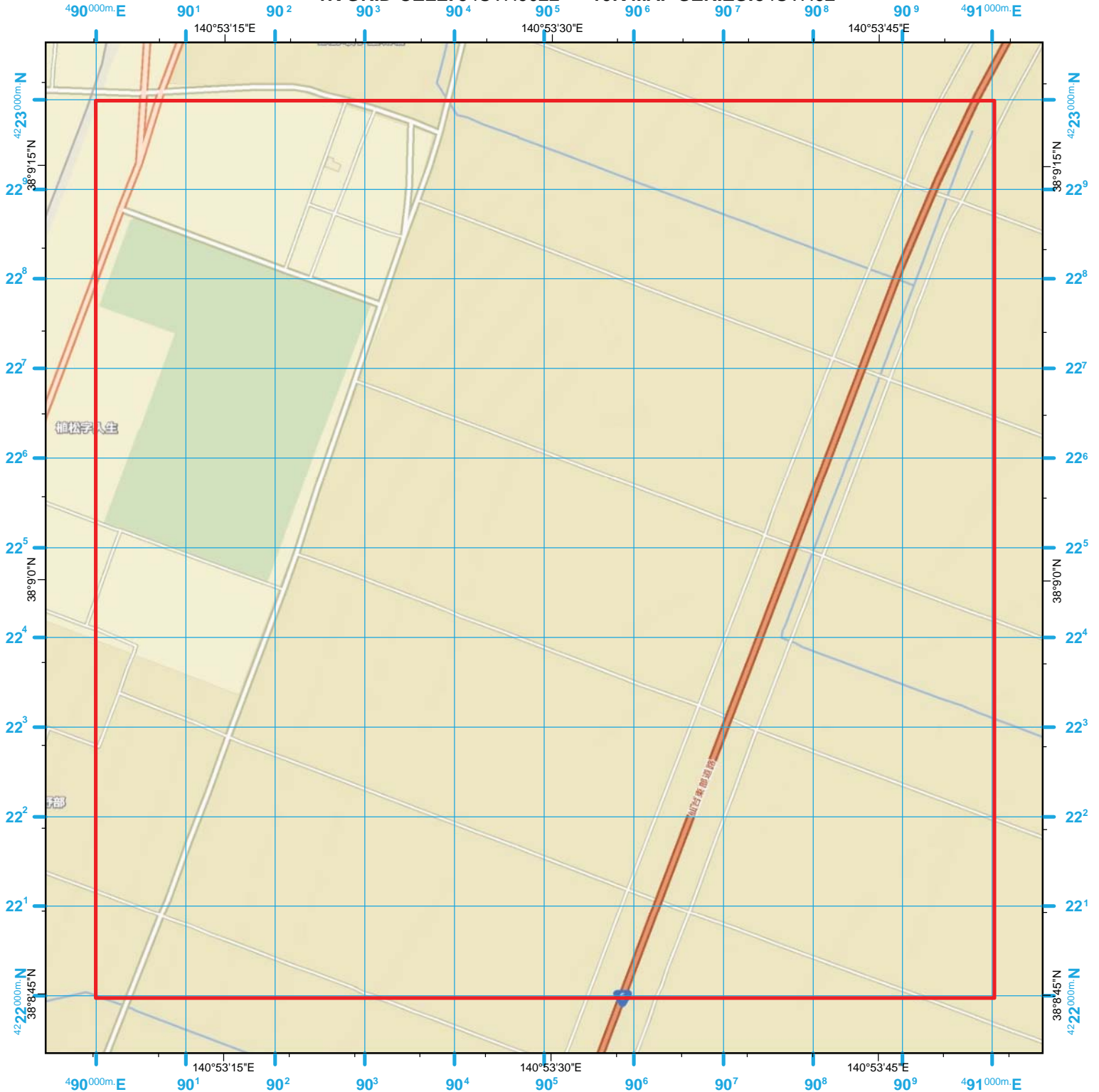
INDEX MAP MAPSHEET 122 of 400



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1K GRID CELL: 54SVH9022 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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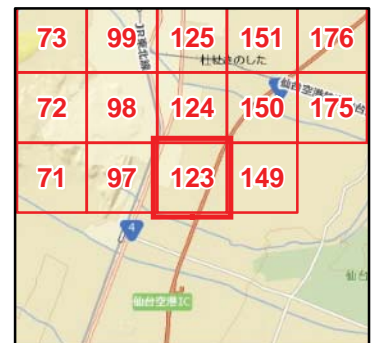
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



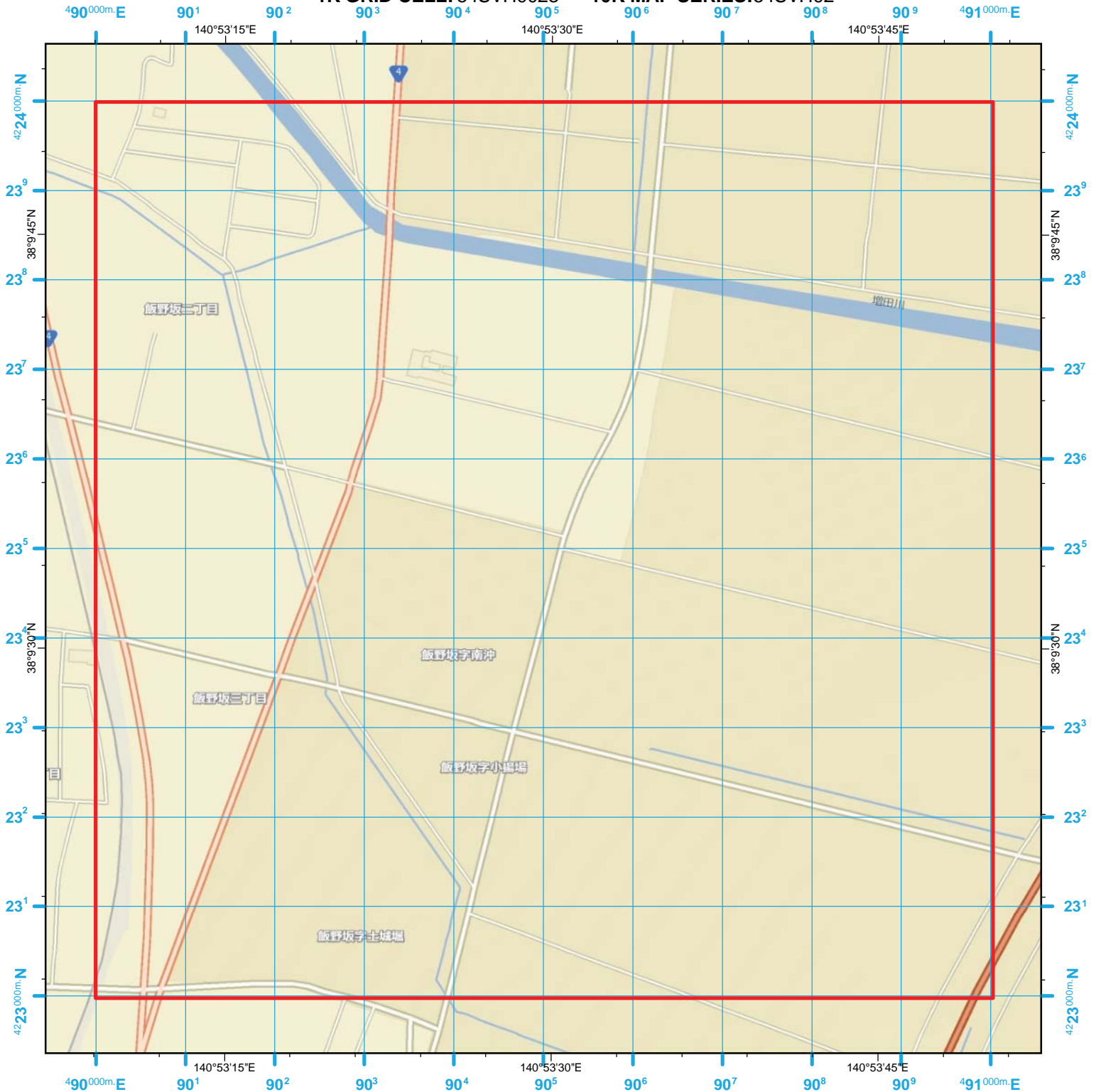
INDEX MAP MAPSHEET 123 of 400



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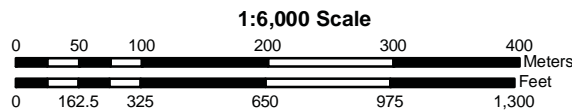
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
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VH
54S
Grid Zone Designation

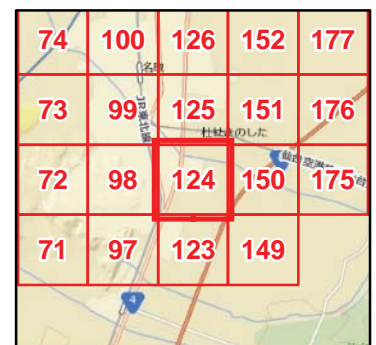


- Search Grid
- H Hospital
- P Police
- School



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1K GRID CELL: 54SVH9025 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

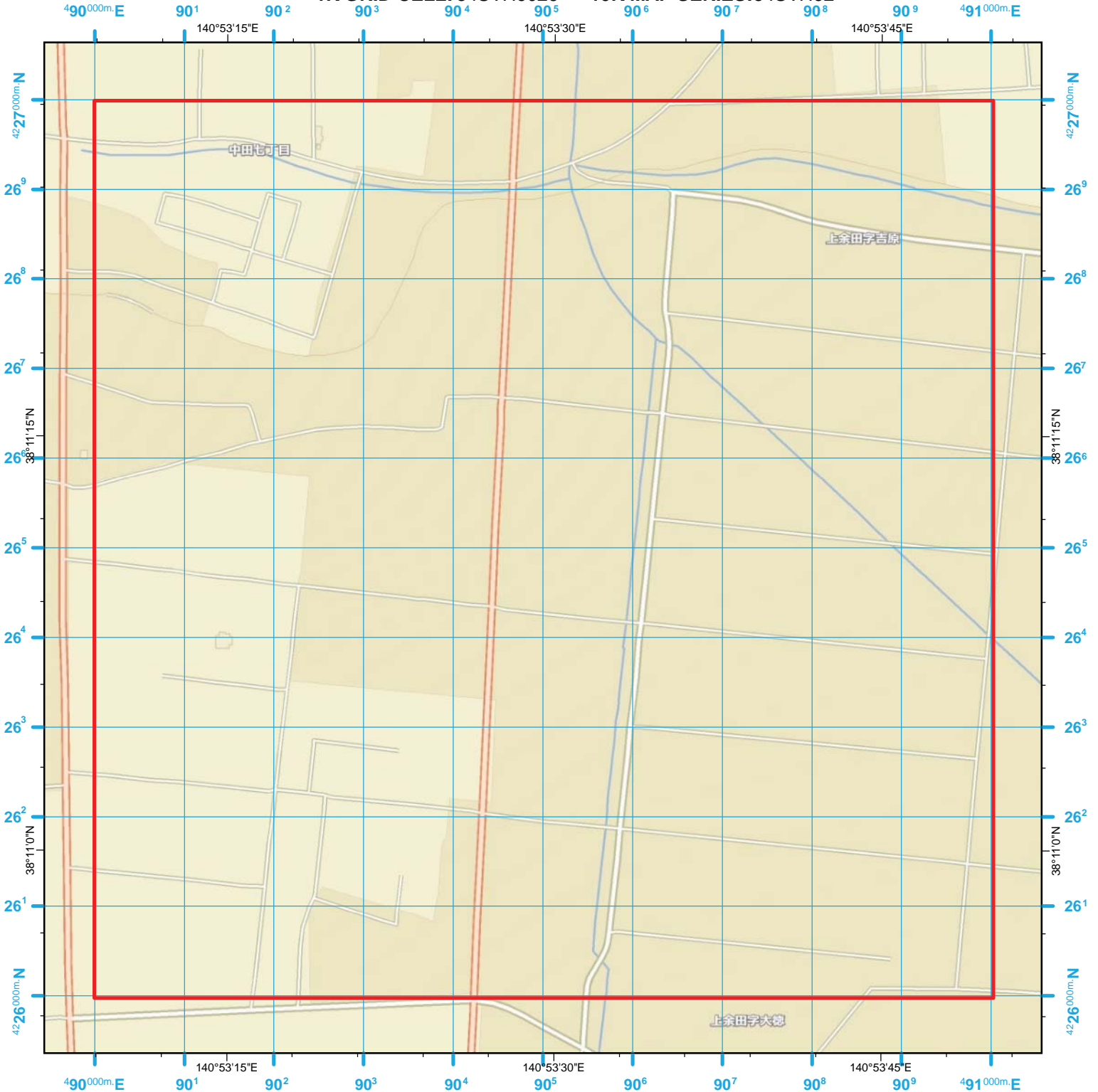


INDEX MAP MAPSHEET 126 of 400

76	102	128	154	179
75	101	127	153	178
74	100	126	152	177
73	99	125	151	176
72	98	124	150	175

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1K GRID CELL: 54SVH9026 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



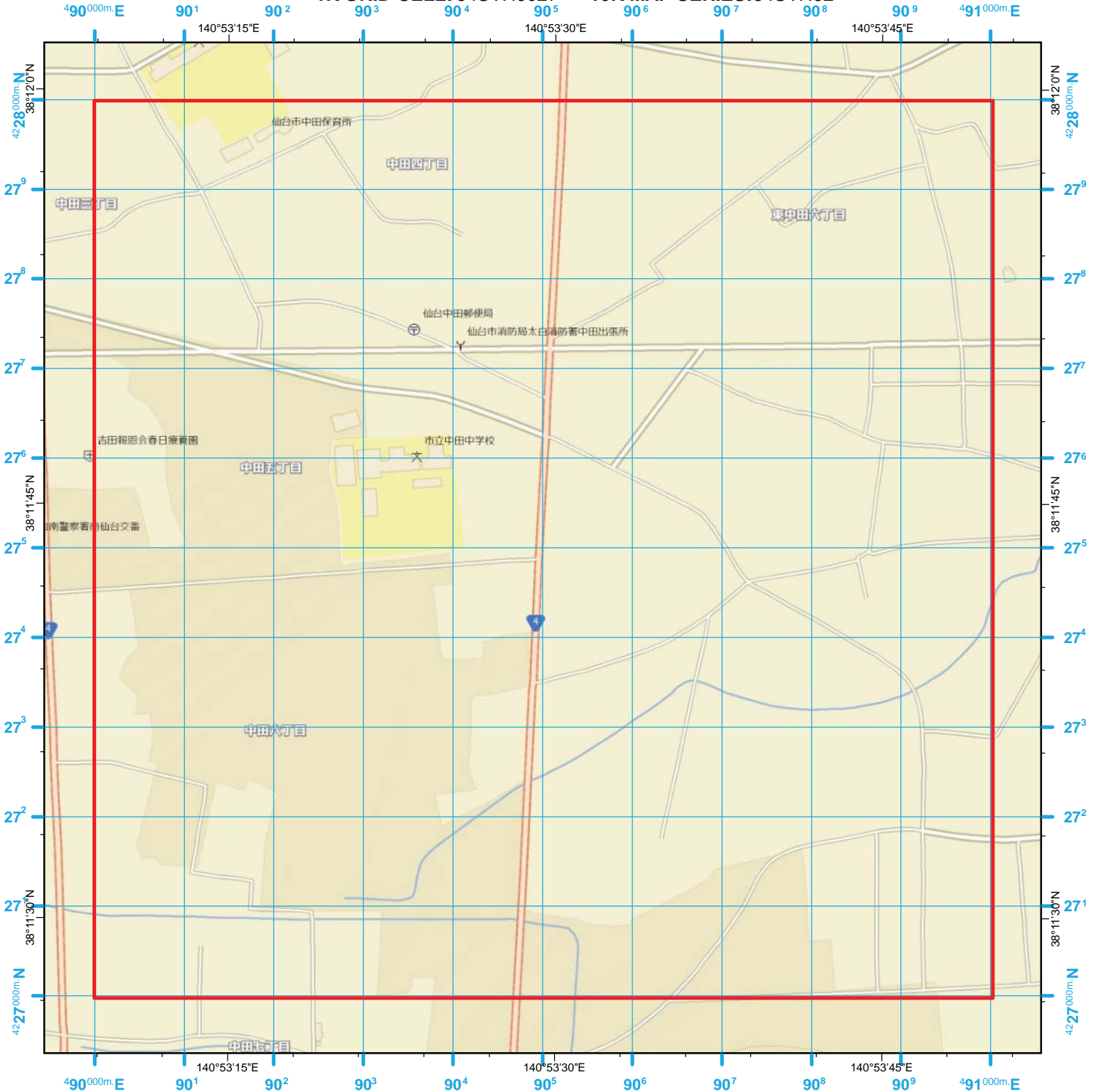
INDEX MAP MAPSHEET 127 of 400

77	103	129	155	180
76	102	128	154	179
75	101	127	153	178
74	100	126	152	177
73	99	125	151	176

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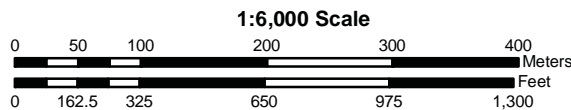
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



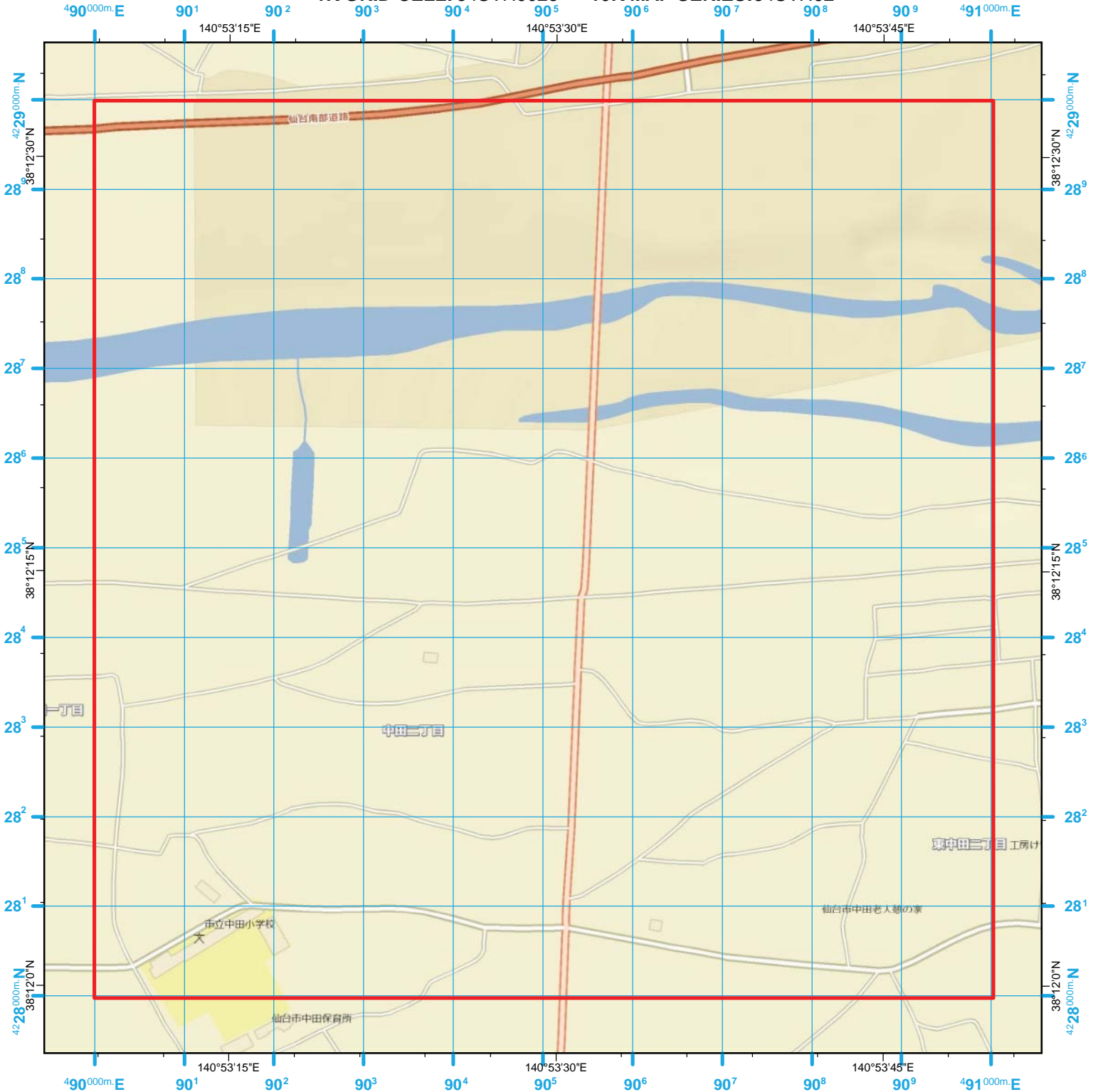
INDEX MAP

MAPSHEET 128 of 400

78	104	130	156	181
77	103	129	155	180
76	102	128	154	179
75	101	127	153	178
74	100	126	152	177

SENDAI, JAPAN

1K GRID CELL: 54SVH9028 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

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MAPSHEET 129 of 400

79	105	131	157	182
78	104	130	156	181
77	103	129	155	180
76	102	128	154	179
75	101	127	153	178

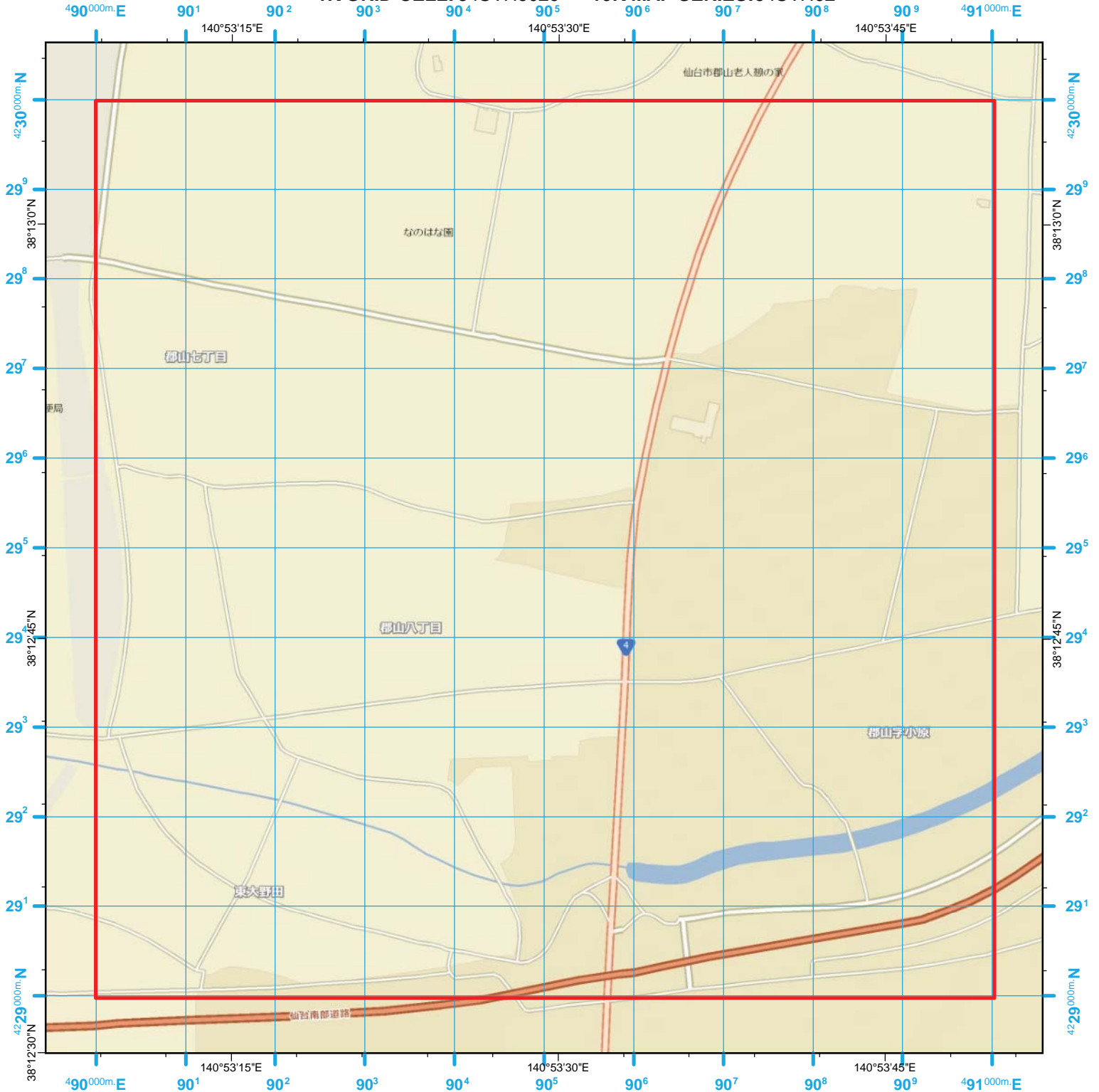
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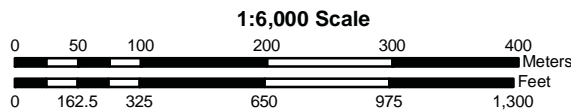
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

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80	106	132	158	183
79	105	131	157	182
78	104	130	156	181
77	103	129	155	180
76	102	128	154	179

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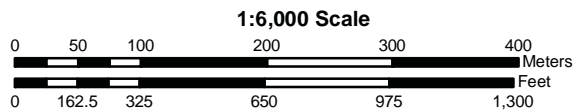
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



INDEX MAP

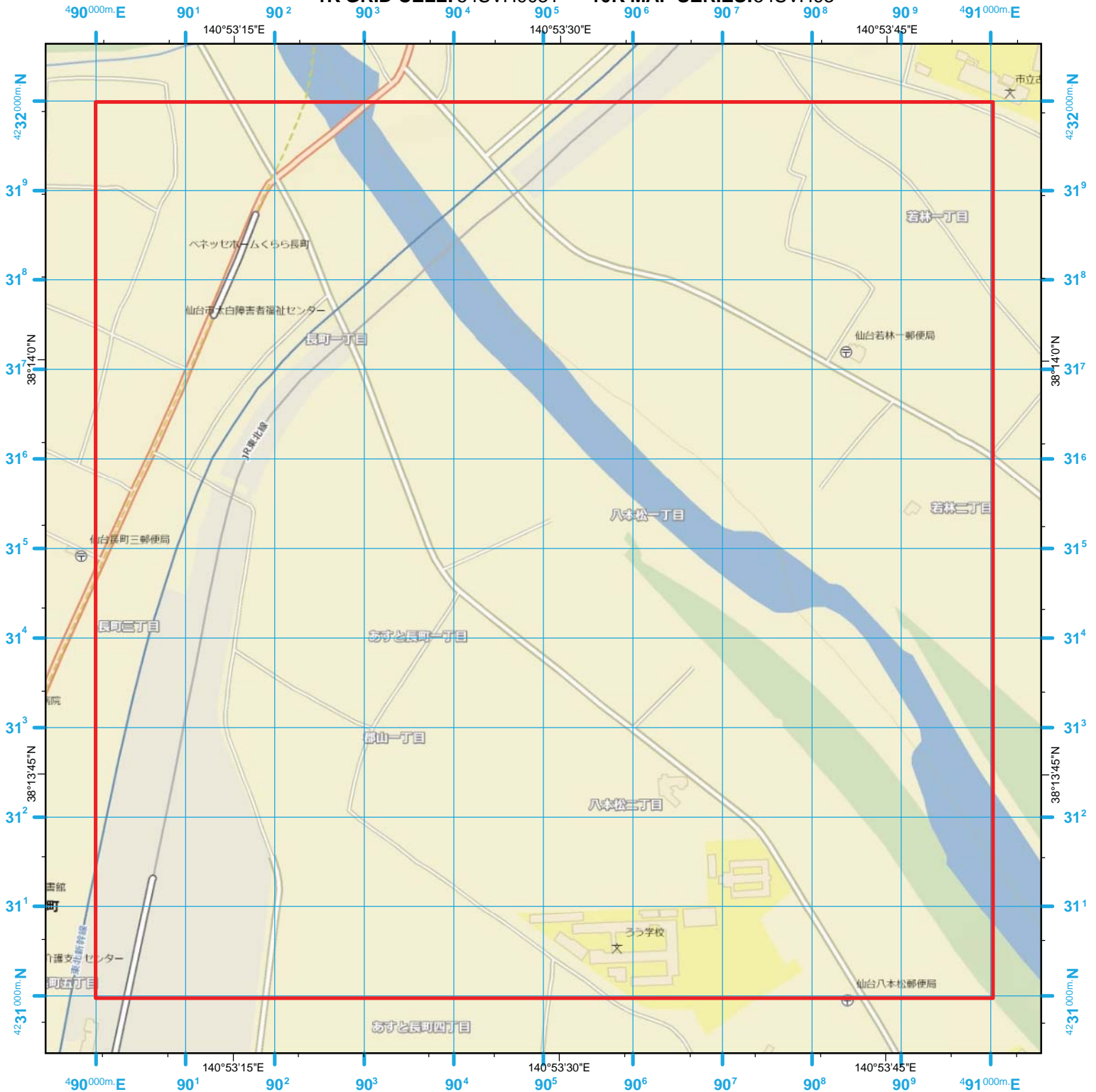
MAPSHEET 131 of 400

81	107	133	159	184
80	106	132	158	183
79	105	131	157	182
78	104	130	156	181
77	103	129	155	180

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1K GRID CELL: 54SVH9031 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

INDEX MAP

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82	108	134	160	185
81	107	133	159	184
80	106	132	158	183
79	105	131	157	182
78	104	130	156	181

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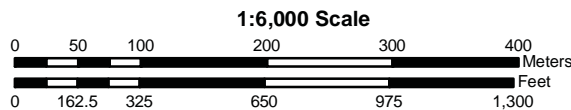
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

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83	109	135	161	186
82	108	134	160	185
81	107	133	159	184
80	106	132	158	183
79	105	131	157	182

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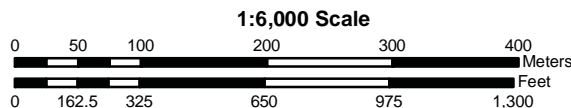
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



INDEX MAP

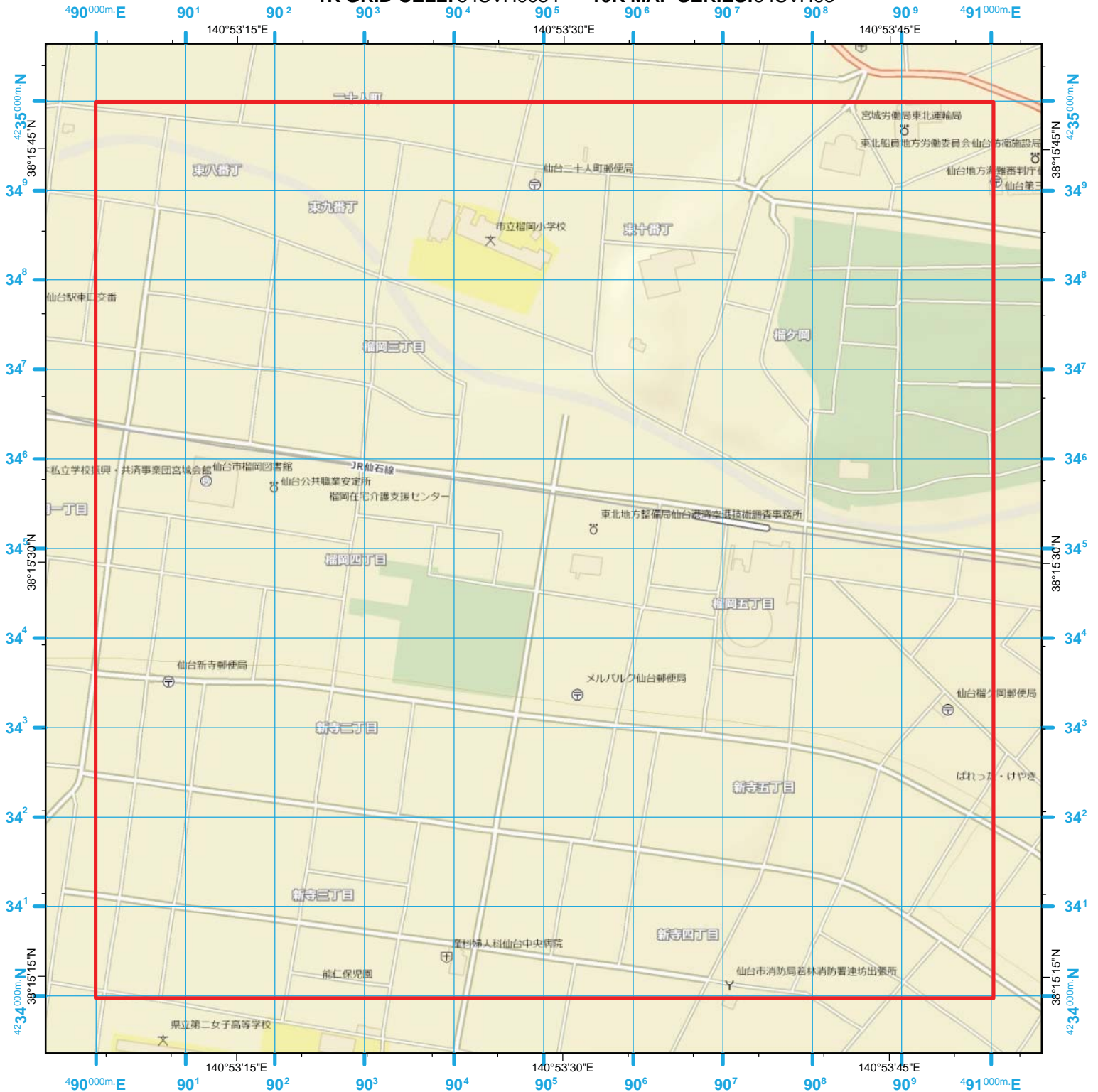
MAPSHEET 134 of 400

84	110	136	162	187
83	109	135	161	186
82	108	134	160	185
81	107	133	159	184
80	106	132	158	183

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1K GRID CELL: 54SVH9034 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

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85	111	137	163	188
84	110	136	162	187
83	109	135	161	186
82	108	134	160	185
81	107	133	159	184

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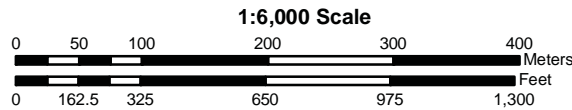
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
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VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



INDEX MAP

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86	112	138	164	189
85	111	137	163	188
84	110	136	162	187
83	109	135	161	186
82	108	134	160	185

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1K GRID CELL: 54SVH9036 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

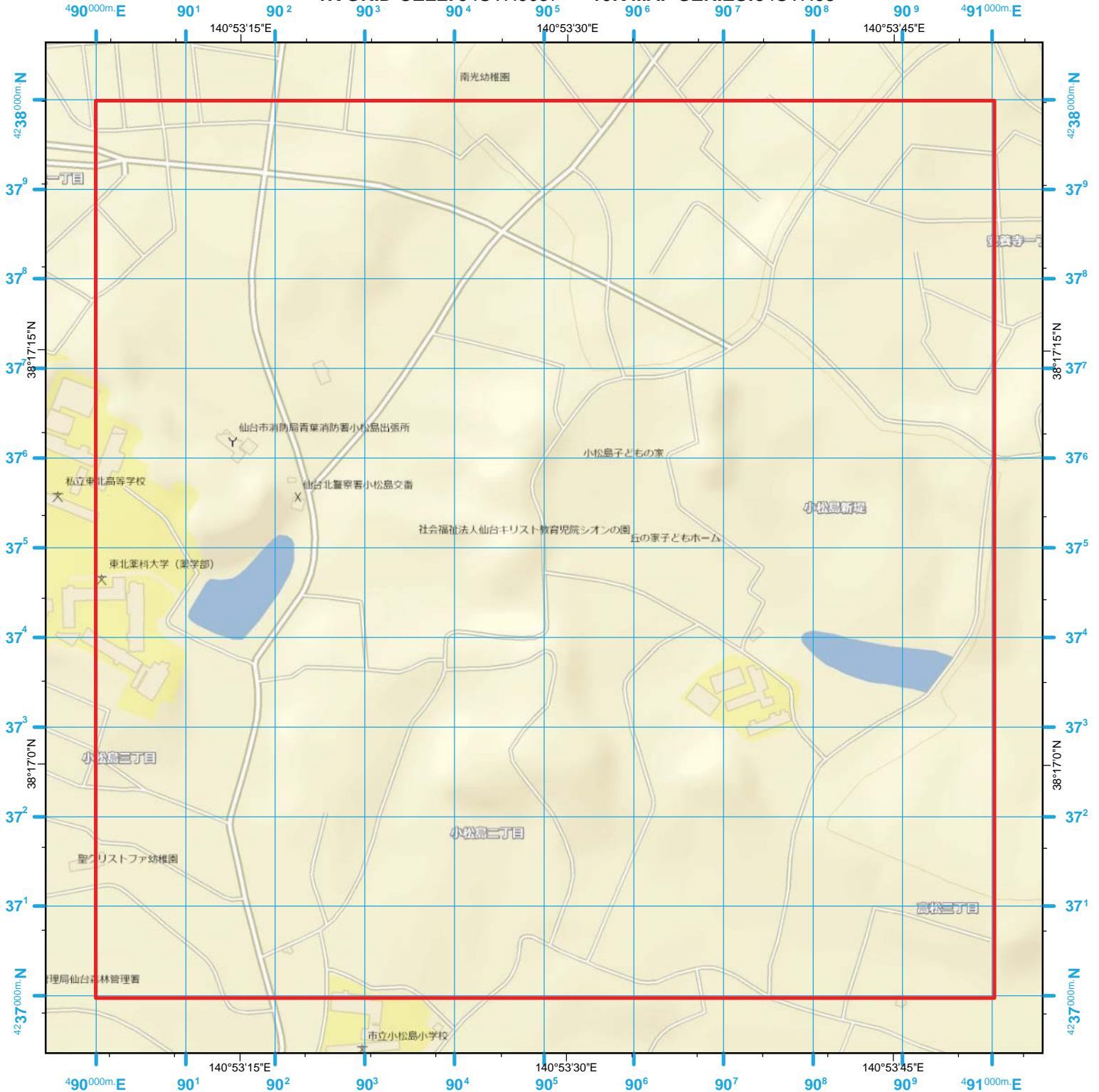
MAPSHEET 137 of 400

87	113	139	165	190
86	112	138	164	189
85	111	137	163	188
84	110	136	162	187
83	109	135	161	186

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1K GRID CELL: 54SVH9037 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
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VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

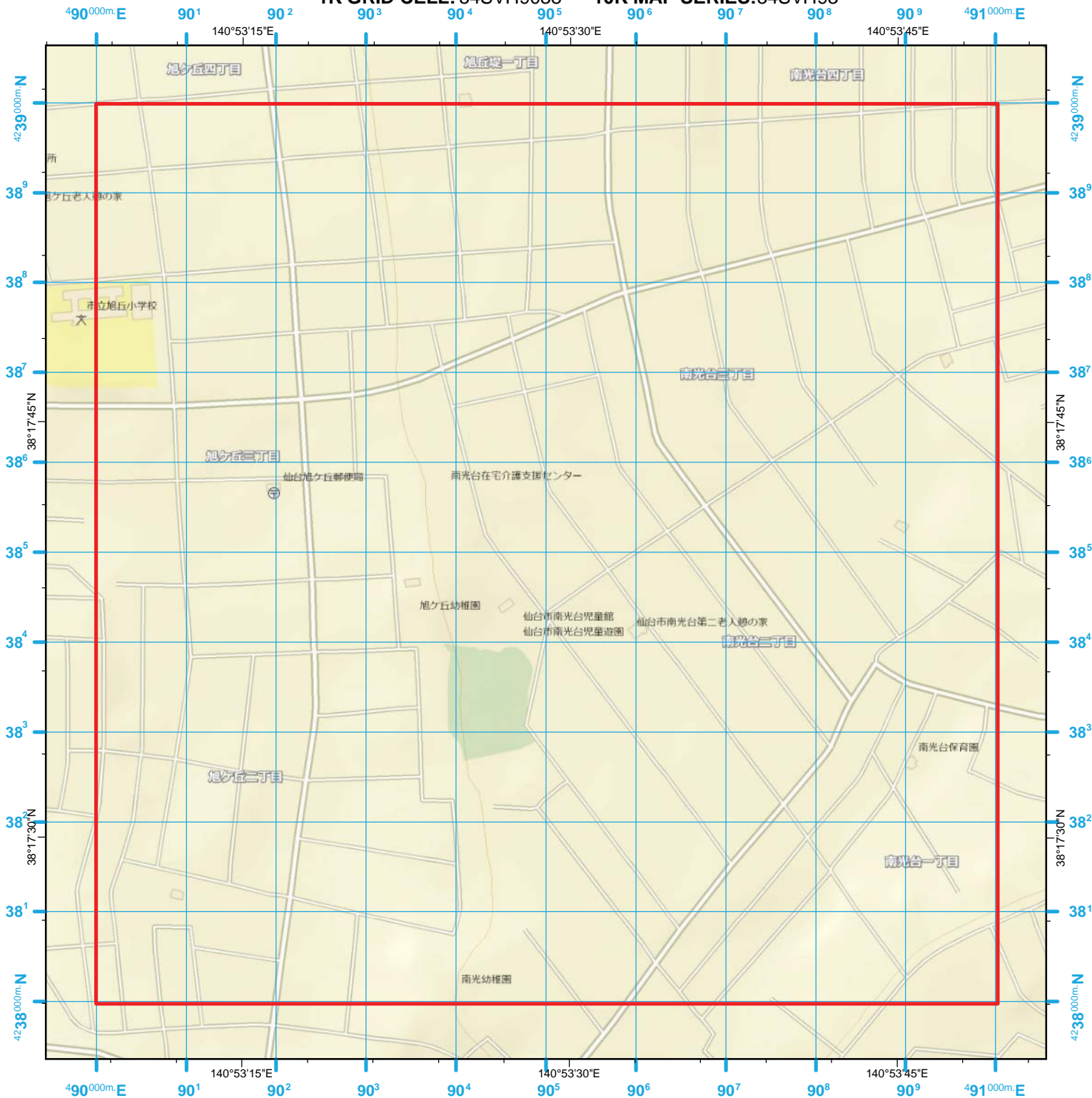
MAPSHEET 138 of 400

88	114	140	166	191
87	113	139	165	190
86	112	138	164	189
85	111	137	163	188
84	110	136	162	187

SENDAI, JAPAN

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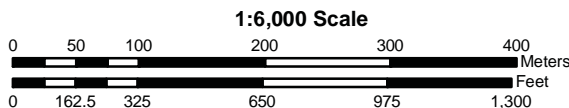
1K GRID CELL: 54SVH9038 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

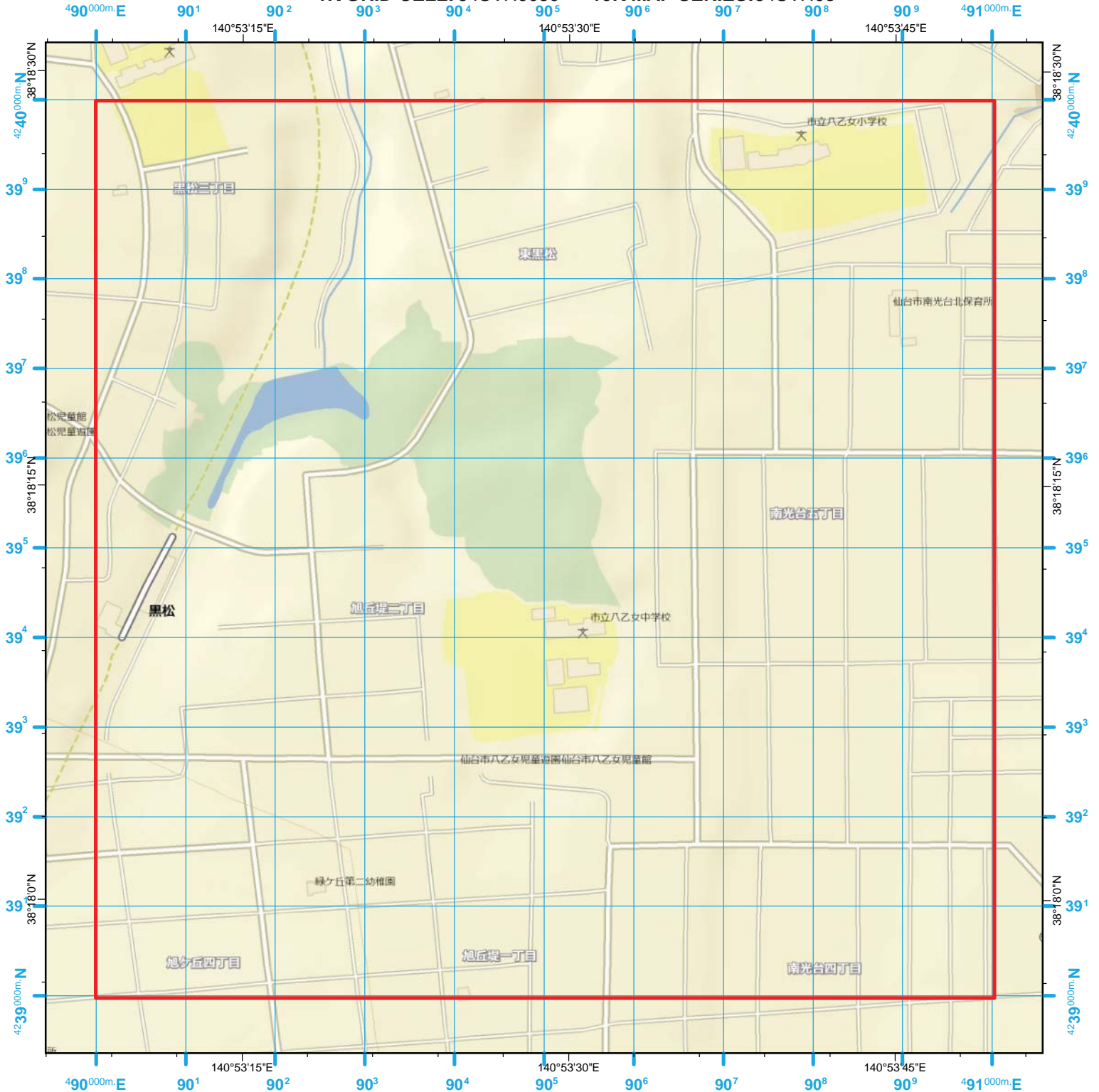
MAPSHEET 139 of 400

89	115	141	167	192
88	114	140	166	191
87	113	139	165	190
86	112	138	164	189
85	111	137	163	188

SENDAI, JAPAN

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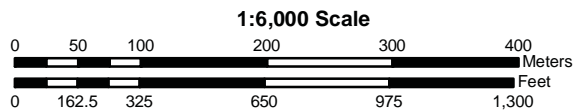
1K GRID CELL: 54SVH9039 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

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90	116	142	168	193
89	115	141	167	192
88	114	140	166	191
87	113	139	165	190
86	112	138	164	189

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1K GRID CELL: 54SVH9040 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

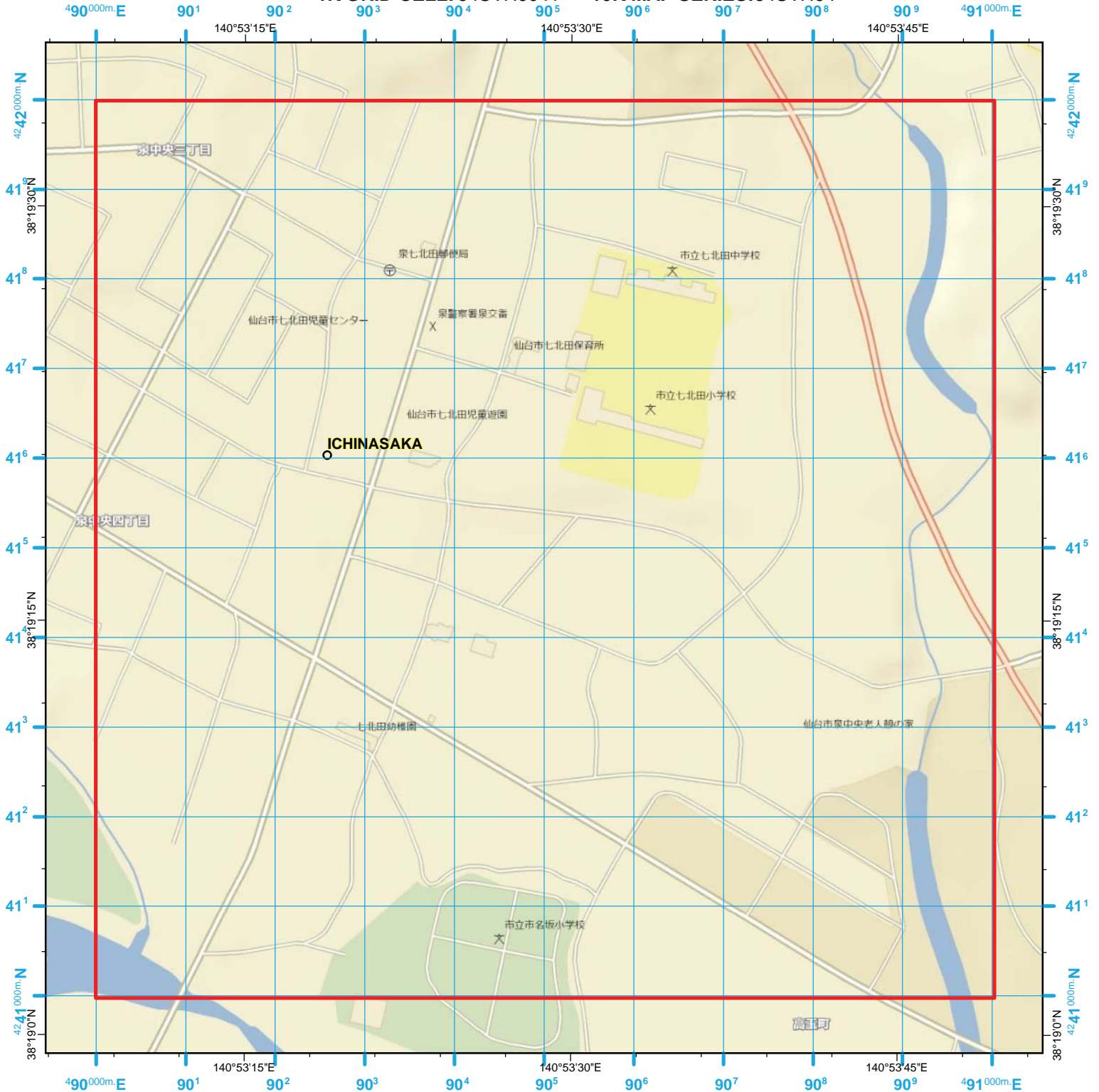
MAPSHEET 141 of 400

91	117	143	169	194
90	116	142	168	193
89	115	141	167	192
88	114	140	166	191
87	113	139	165	190

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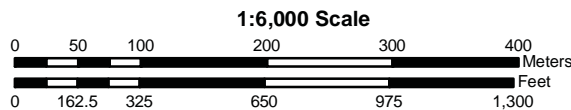
1K GRID CELL: 54SVH9041 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

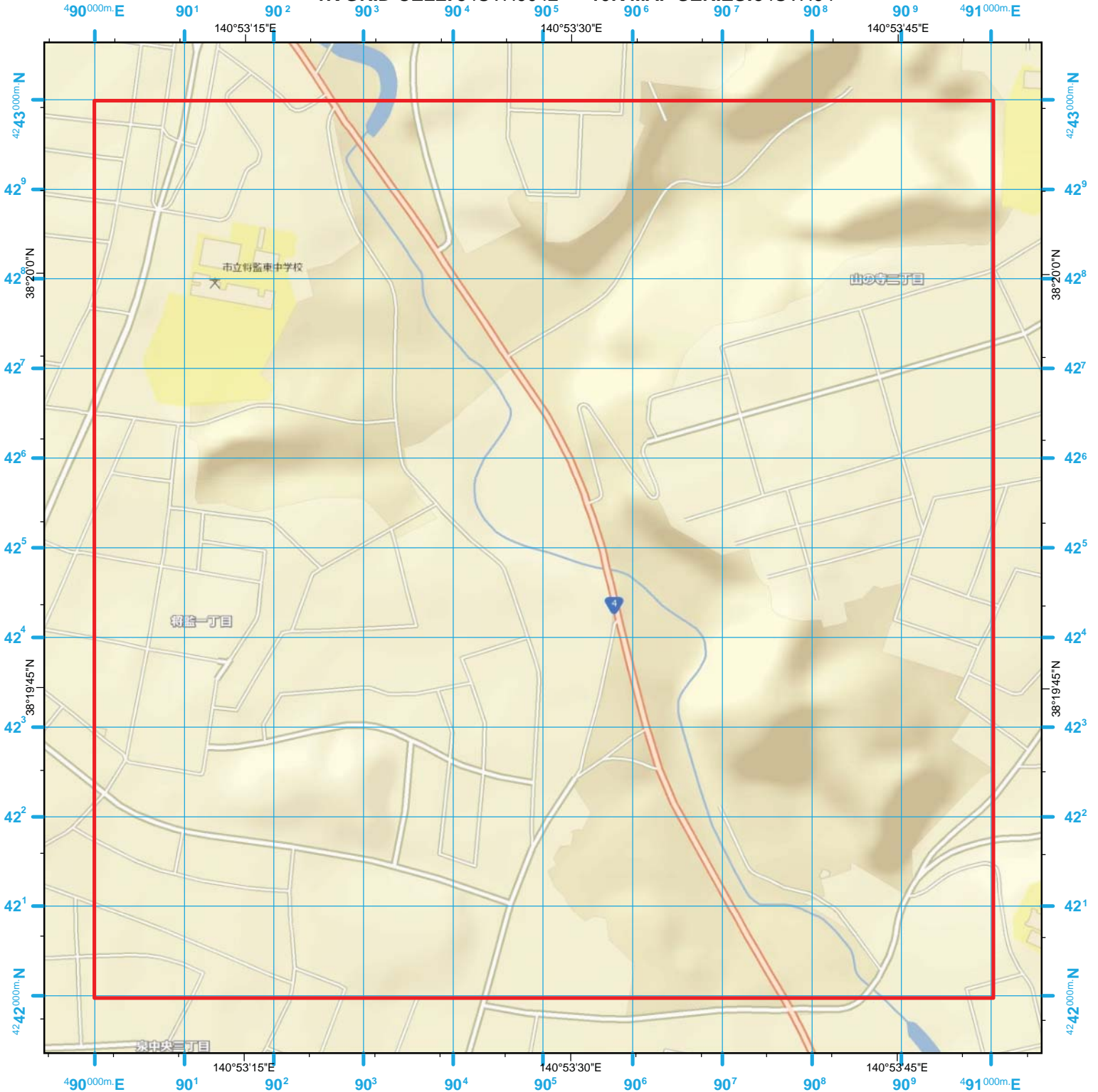
MAPSHEET 142 of 400

92	118	144	170	195
91	117	143	169	194
90	116	142	168	193
89	115	141	167	192
88	114	140	166	191

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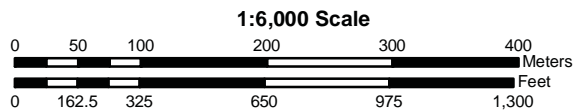
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



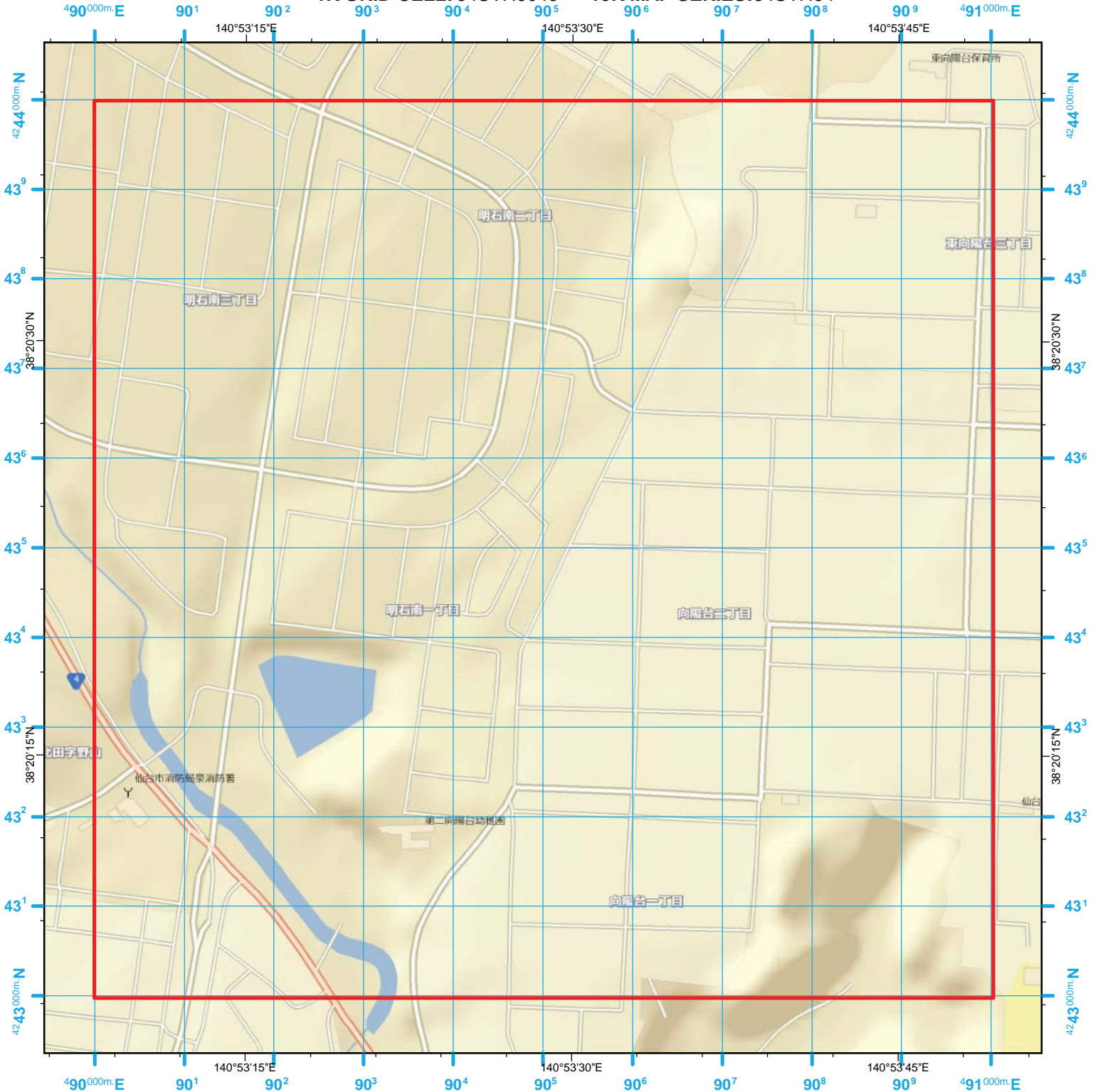
INDEX MAP

MAPSHEET 143 of 400

93	119	145	171	196
92	118	144	170	195
91	117	143	169	194
90	116	142	168	193
89	115	141	167	192

SENDAI, JAPAN

1K GRID CELL: 54SVH9043 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
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VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale

SENDAI, JAPAN



INDEX MAP

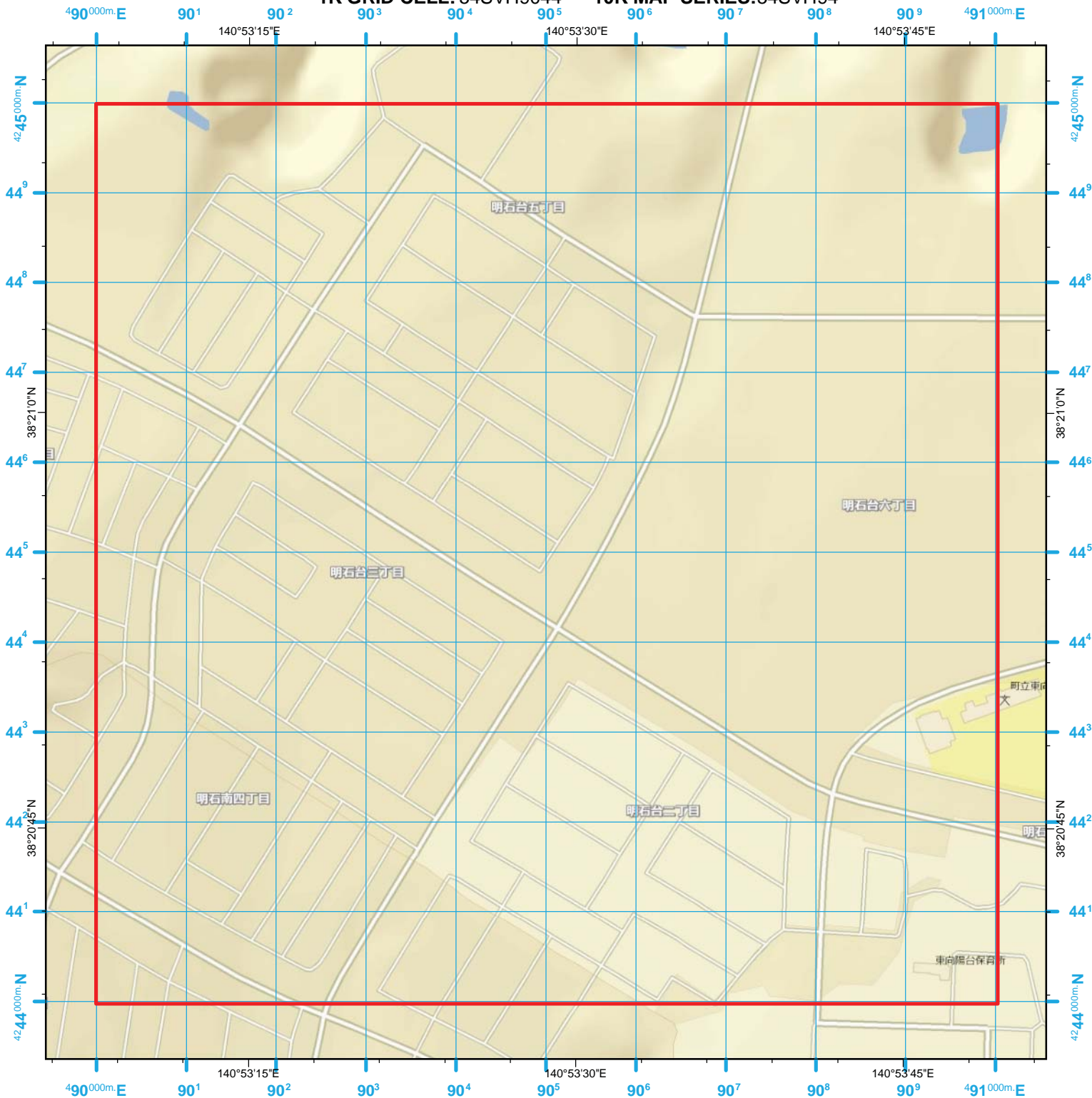
MAPSHEET 144 of 400

94	120	146	172	197
93	119	145	171	196
92	118	144	170	195
91	117	143	169	194
90	116	142	168	193

SENDAI, JAPAN

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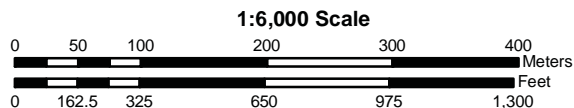
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



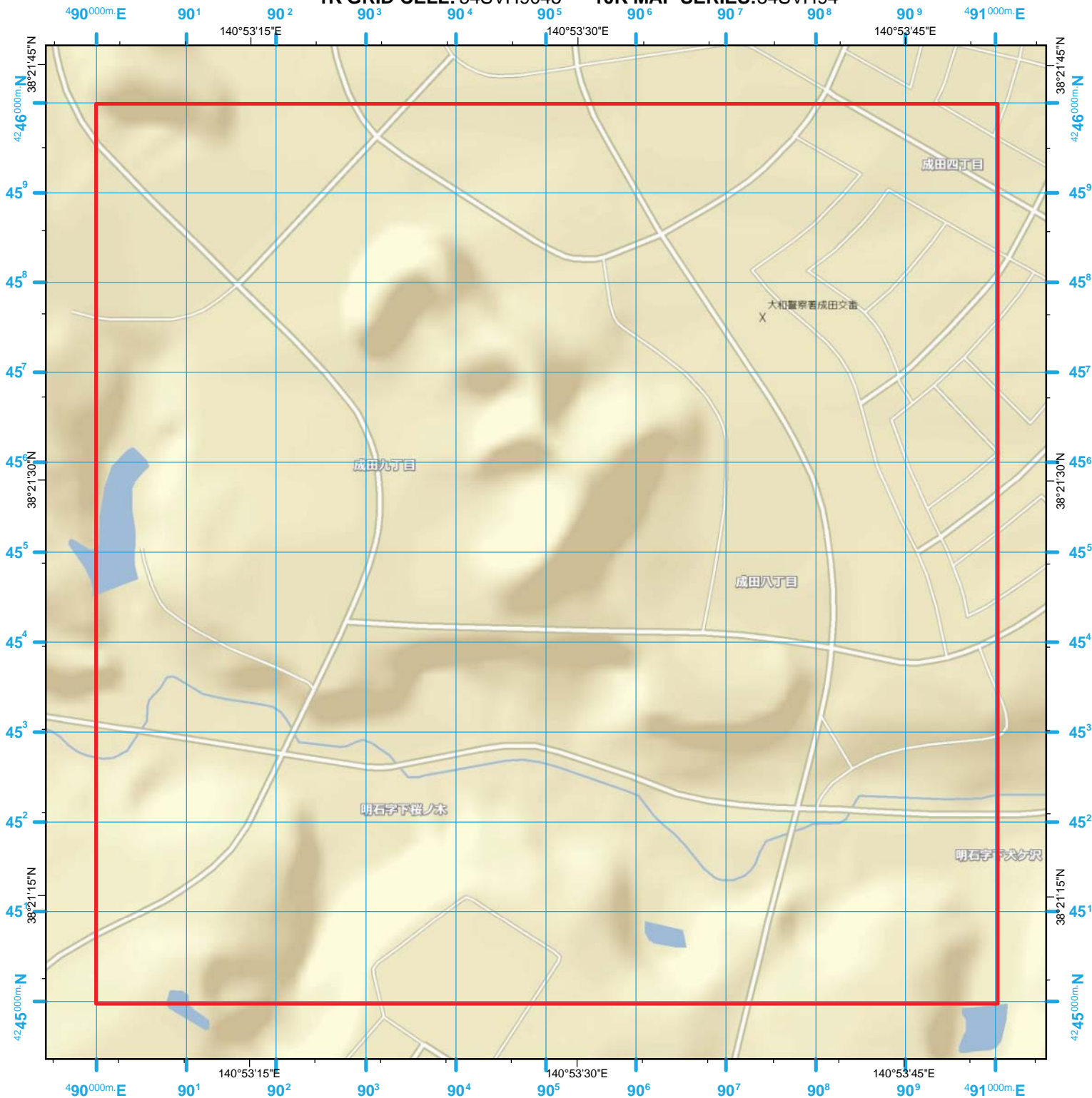
INDEX MAP MAPSHEET 145 of 400

95	121	147	173	198
94	120	146	172	197
93	119	145	171	196
92	118	144	170	195
91	117	143	169	194

SENDAI, JAPAN

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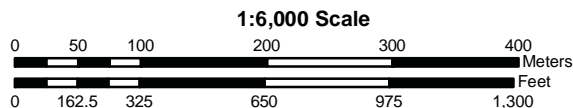
1K GRID CELL: 54SVH9045 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- 🏫 School

1:6,000 Scale



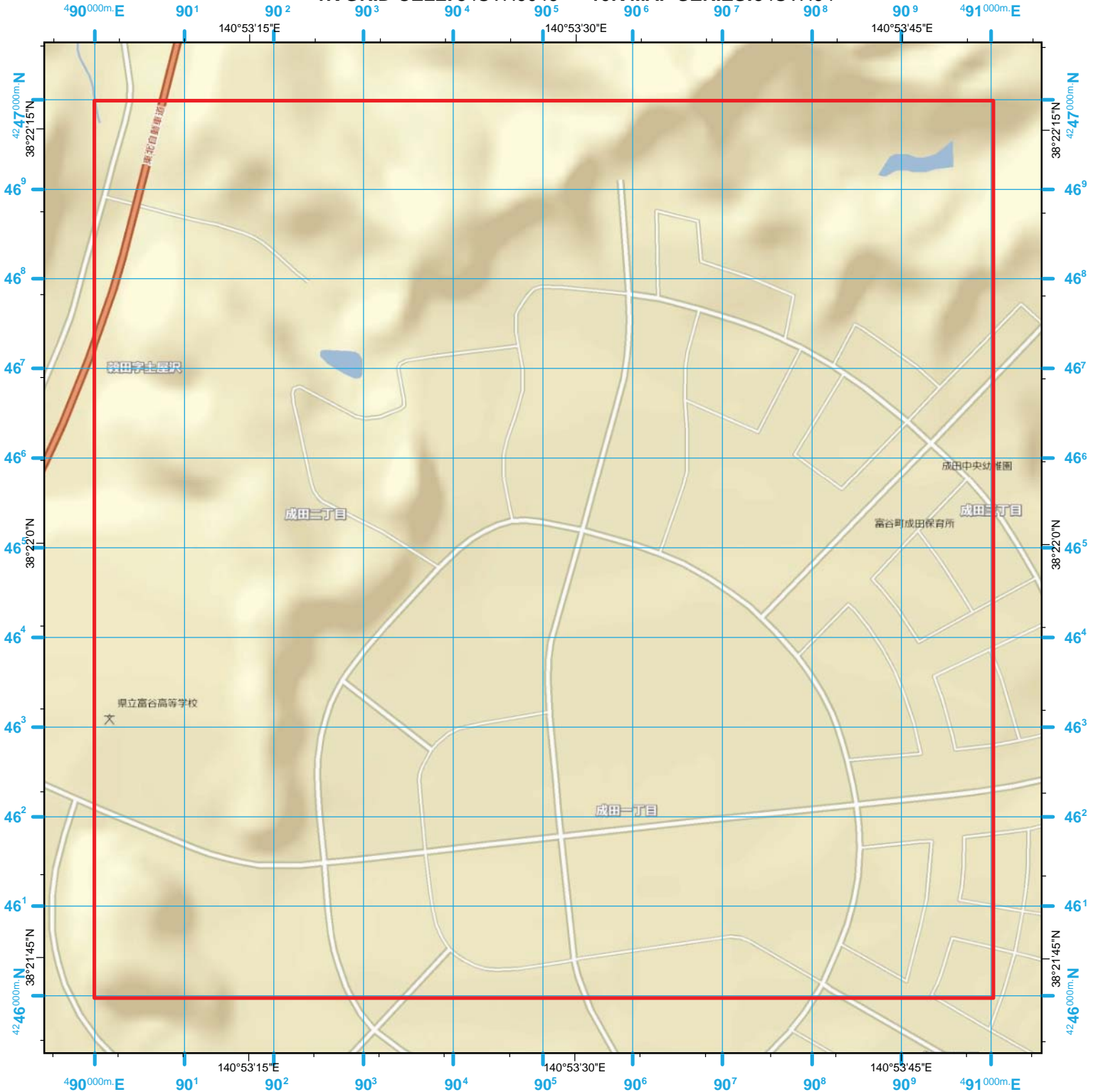
INDEX MAP

MAPSHEET 146 of 400

96	122	148	174	199
95	121	147	173	198
94	120	146	172	197
93	119	145	171	196
92	118	144	170	195

SENDAI, JAPAN

1K GRID CELL: 54SVH9046 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



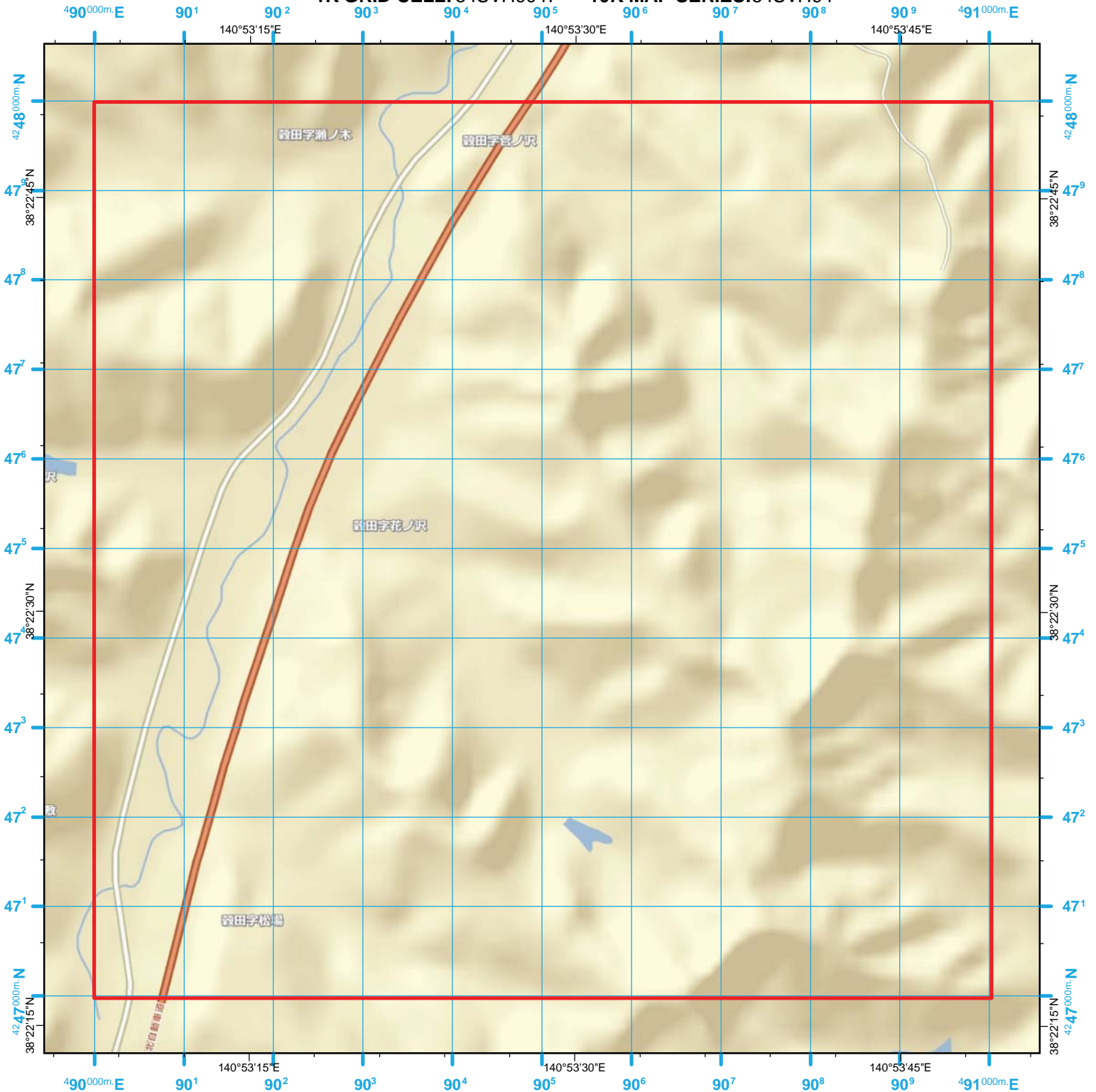
INDEX MAP

MAPSHEET 147 of 400

96	122	148	174	199
95	121	147	173	198
94	120	146	172	197
93	119	145	171	196

SENDAI, JAPAN

1K GRID CELL: 54SVH9047 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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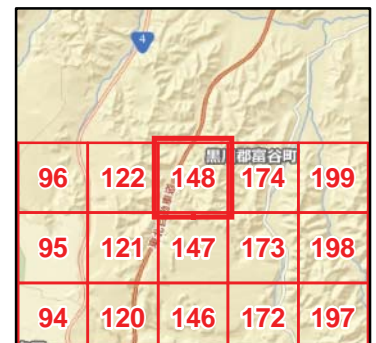
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



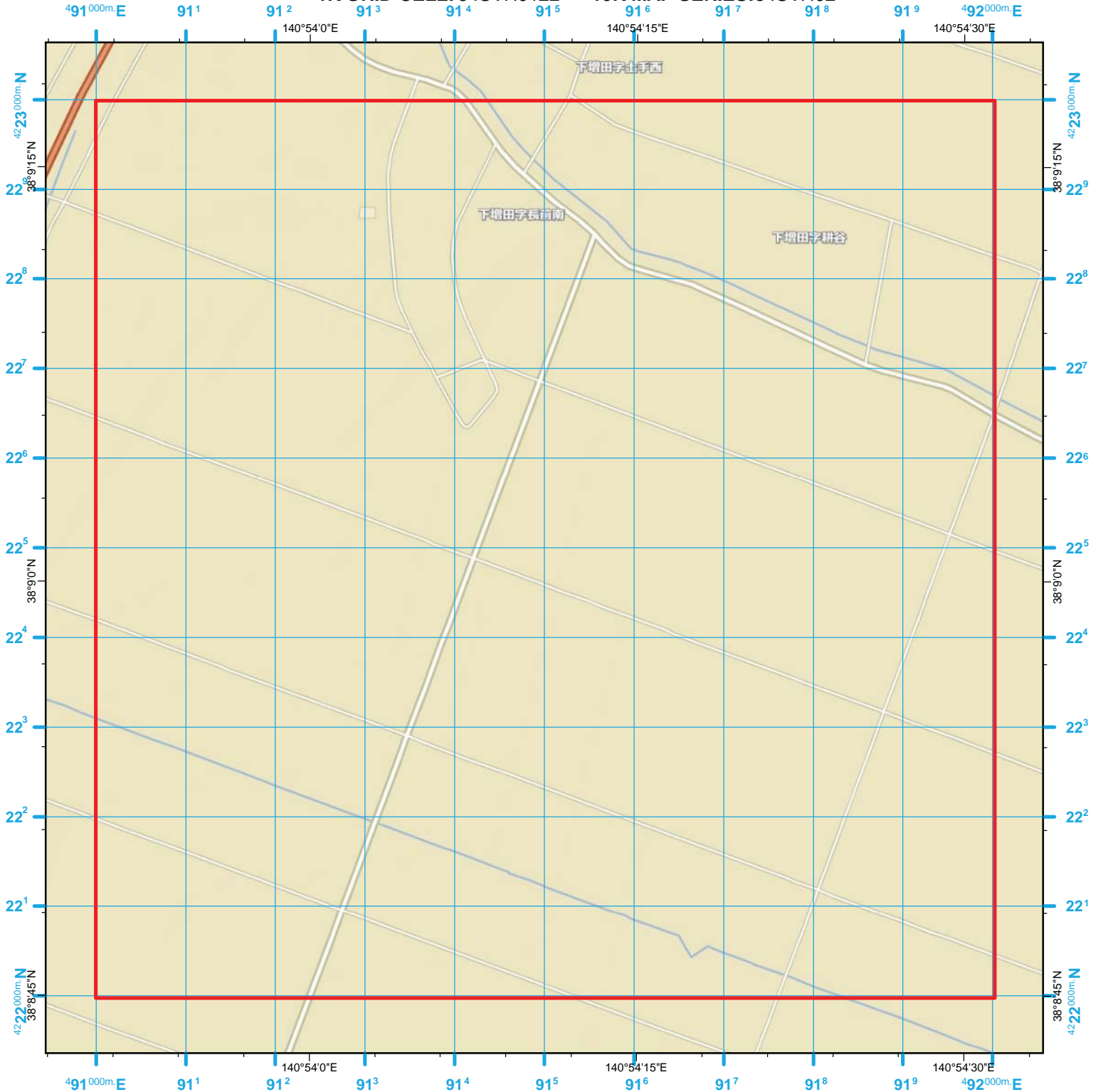
INDEX MAP MAPSHEET 148 of 400



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1K GRID CELL: 54SVH9122 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
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VH
54S
Grid Zone Designation

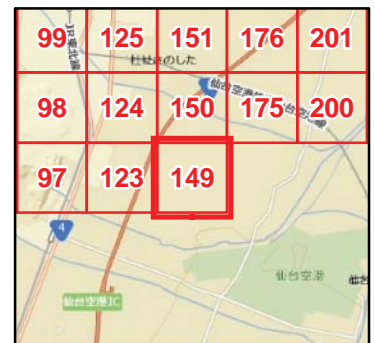


- Search Grid
- H Hospital
- P Police
- S School



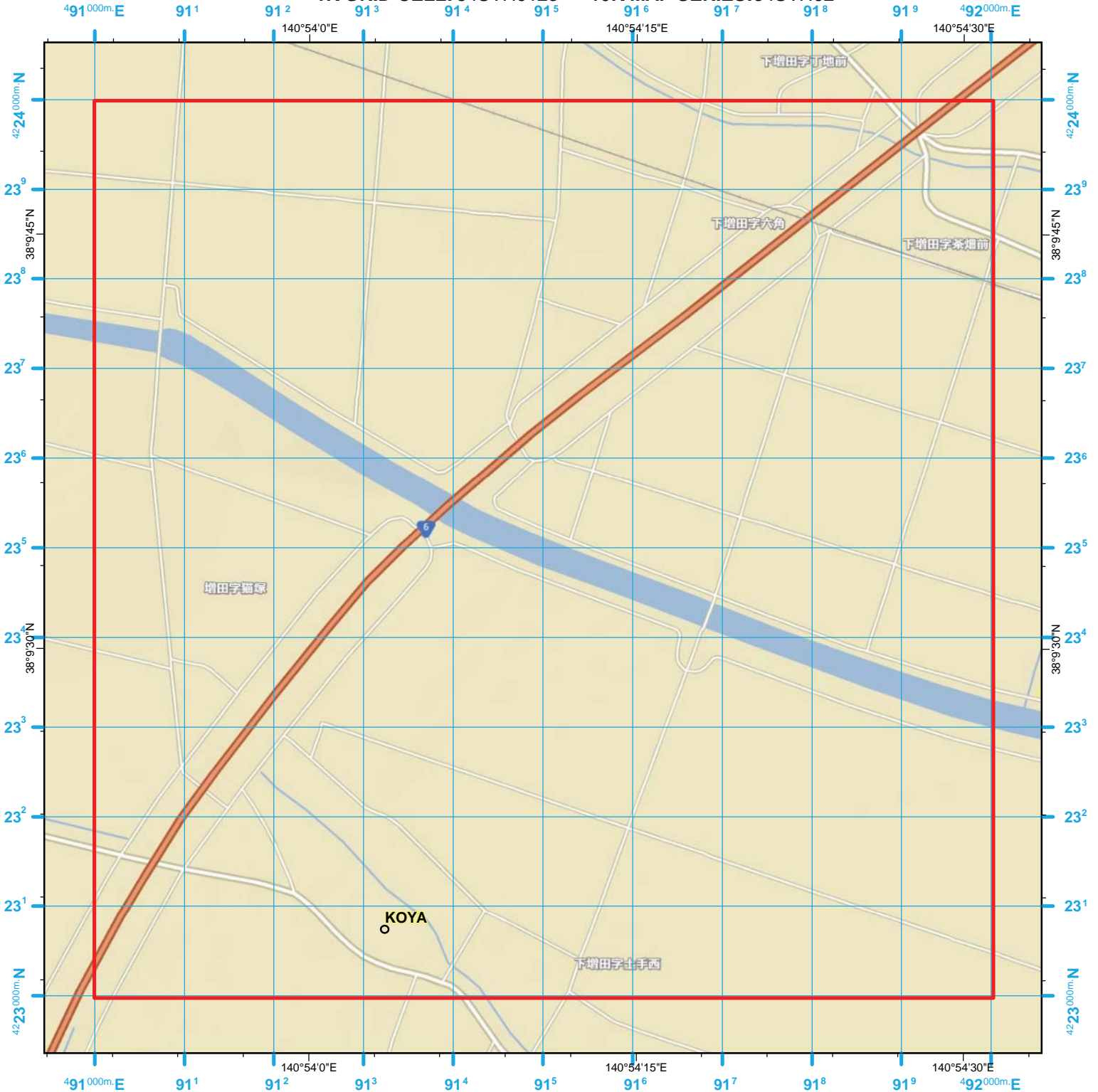
INDEX MAP

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SENDAI, JAPAN

1K GRID CELL: 54SVH9123 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

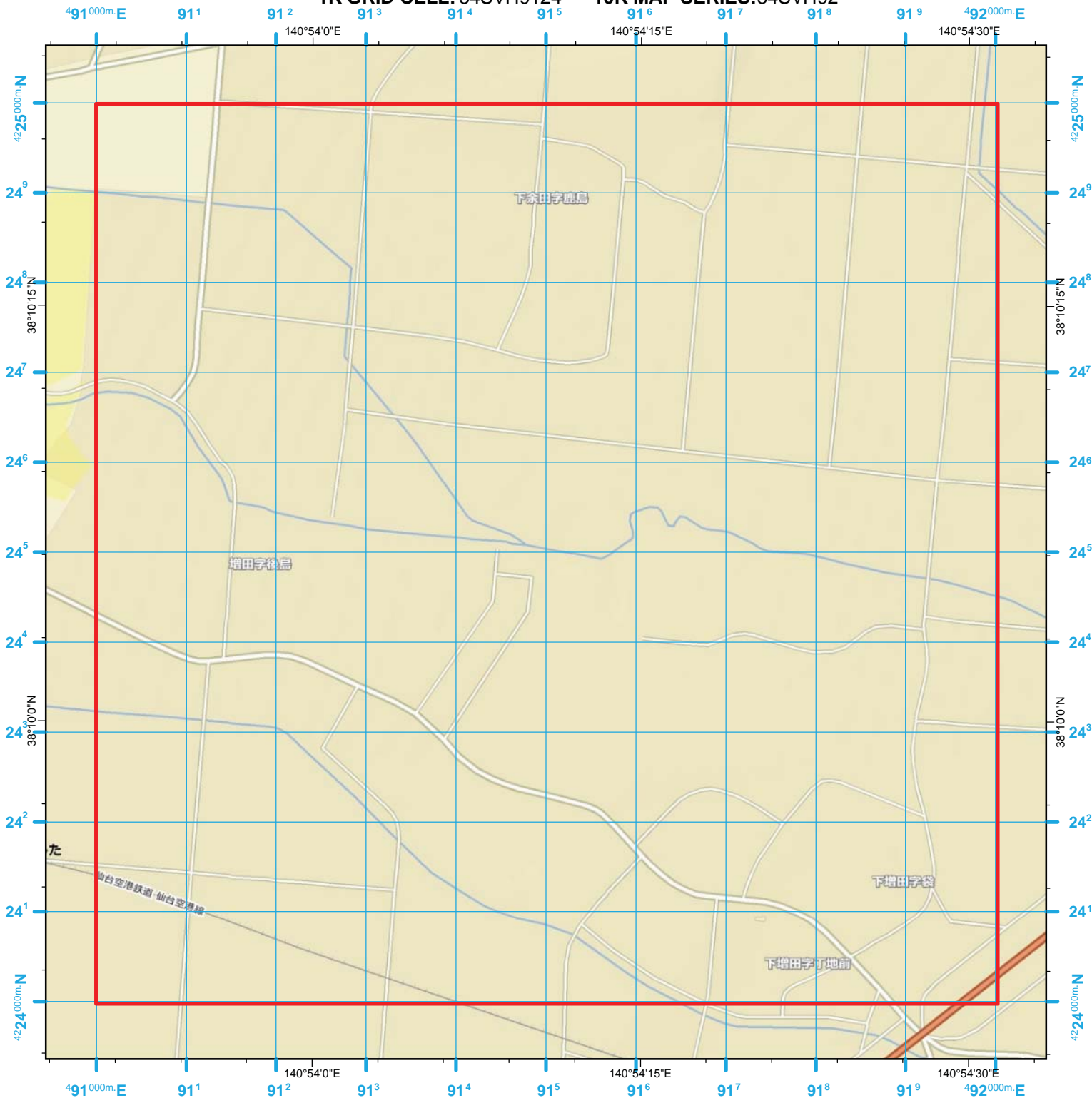
MAPSHEET 150 of 400

100	126	152	177	202
99	125	151	176	201
98	124	150	175	200
97	123	149		

SENDAI, JAPAN

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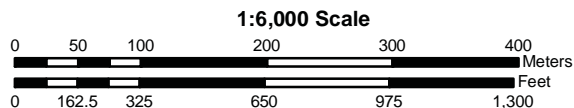
1K GRID CELL: 54SVH9124 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale

SENDAI, JAPAN



INDEX MAP

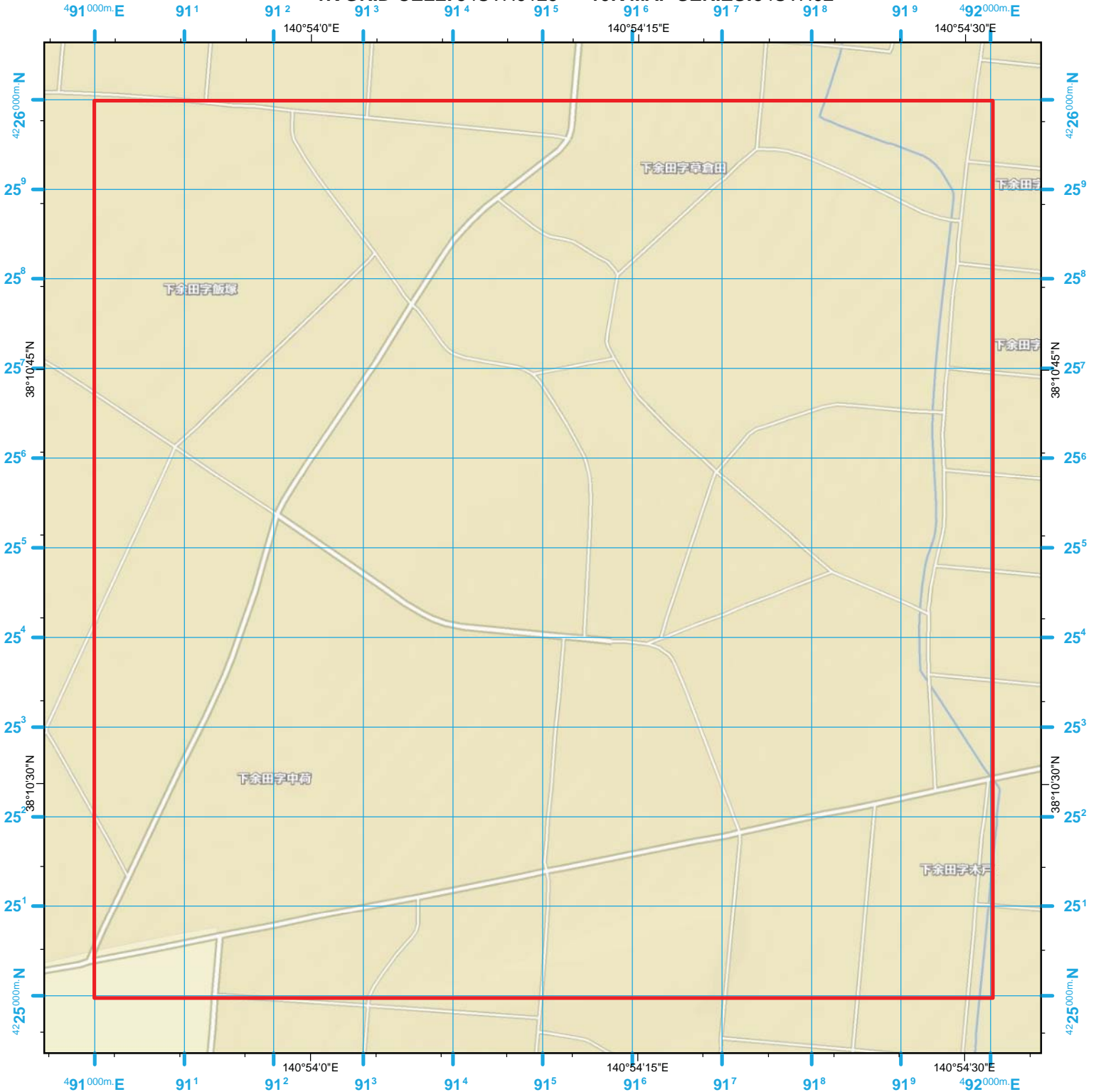
MAPSHEET 151 of 400

101	127	153	178	203
100	126	152	177	202
99	125	151	176	201
98	124	150	175	200
97	123	149		

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1K GRID CELL: 54SVH9125 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

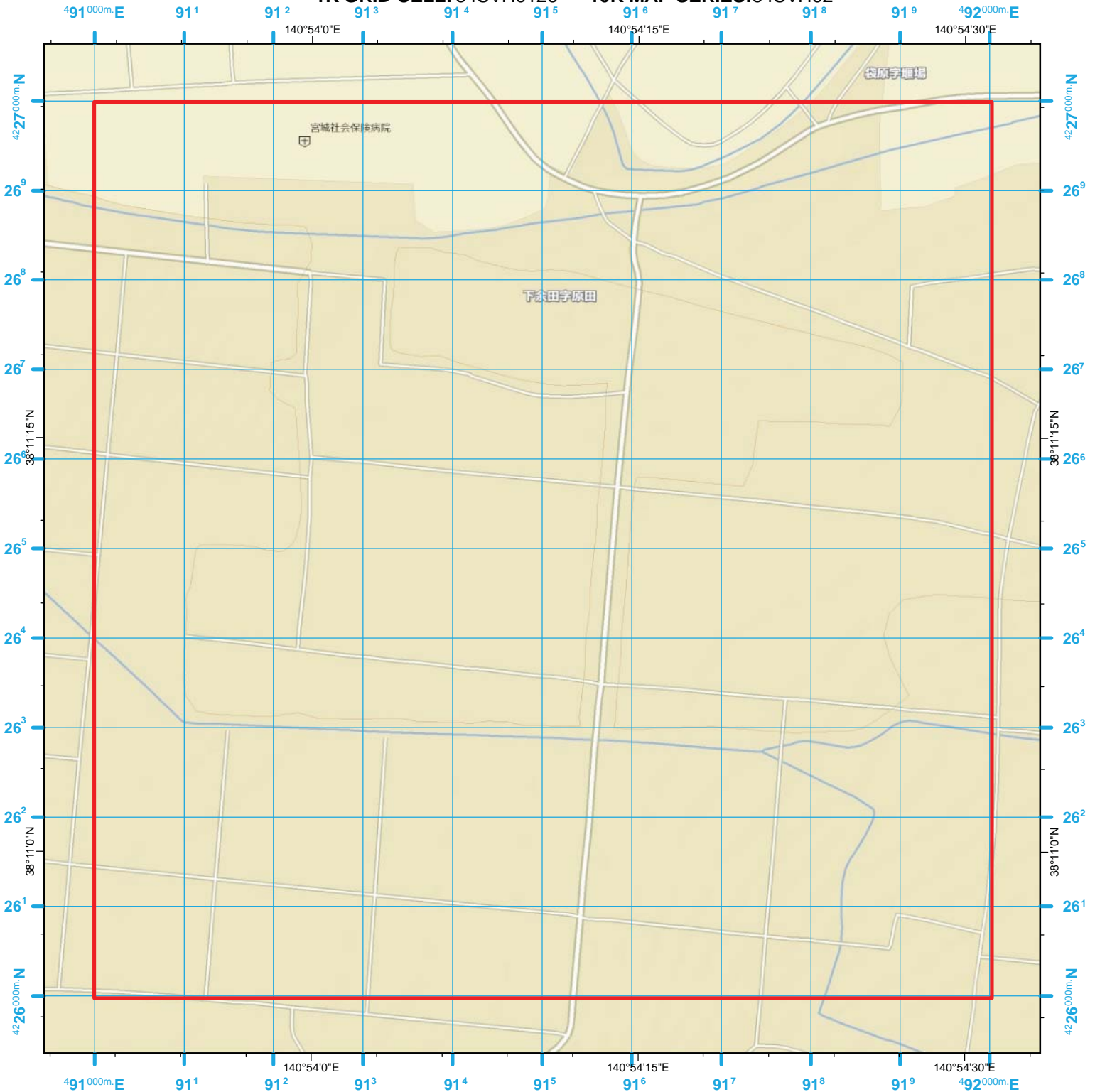
MAPSHEET 152 of 400

102	128	154	179	204
101	127	153	178	203
100	126	152	177	202
99	125	151	176	201
98	124	150	175	200

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1K GRID CELL: 54SVH9126 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

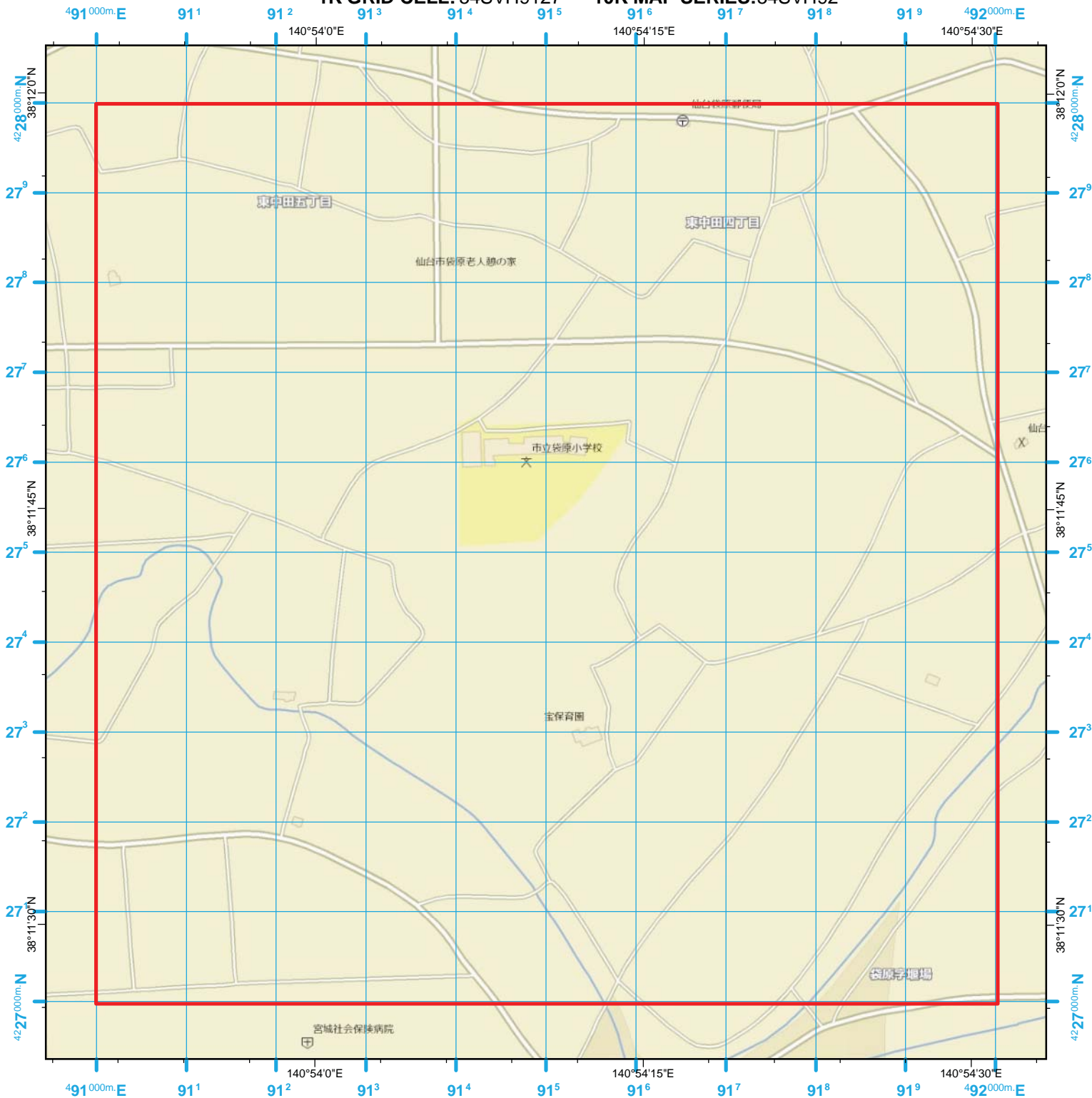
MAPSHEET 153 of 400

103	129	155	180	205
102	128	154	179	204
101	127	153	178	203
100	126	152	177	202
99	125	151	176	201

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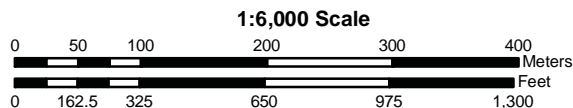
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale

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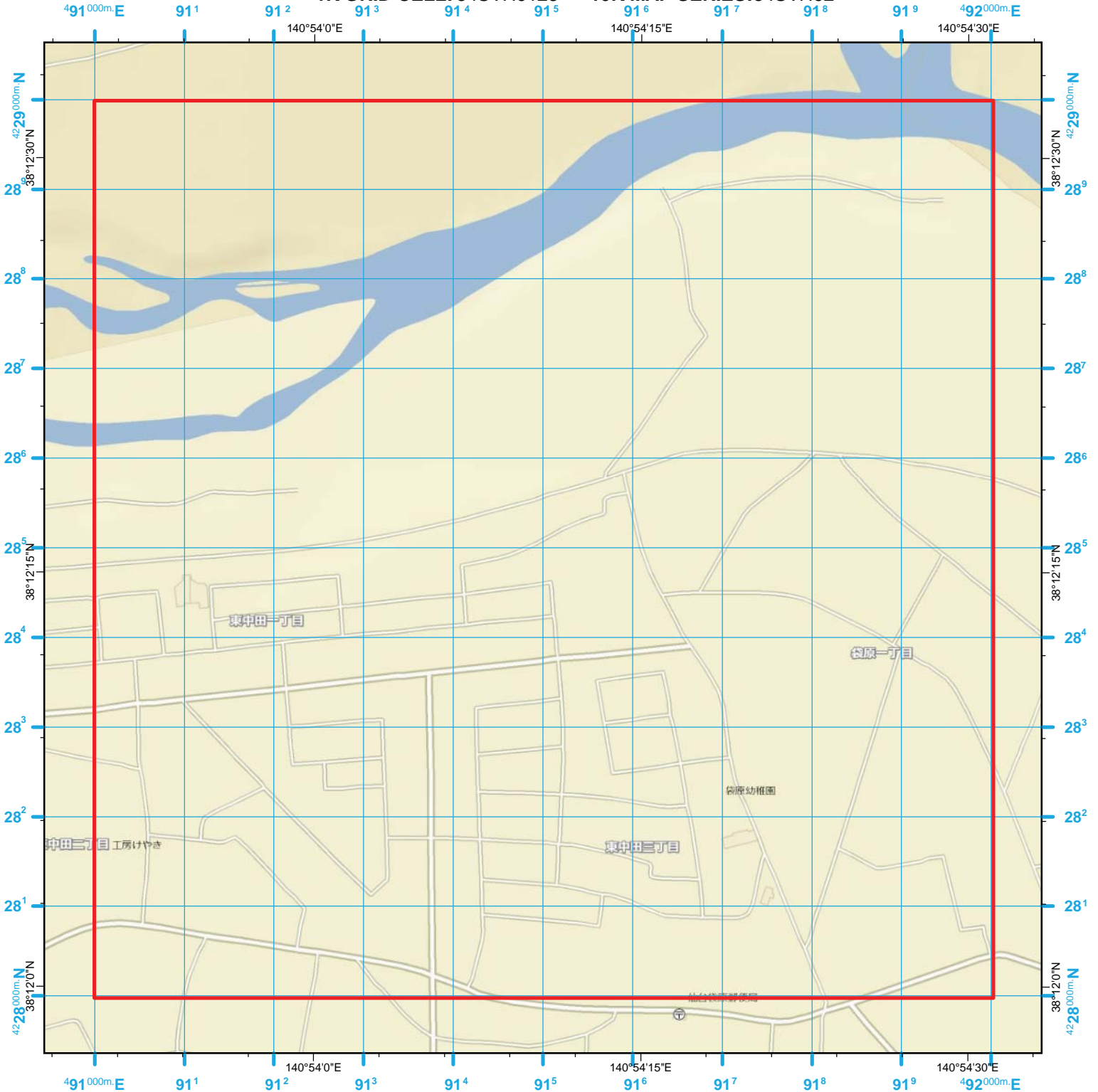
INDEX MAP

MAPSHEET 154 of 400

104	130	156	181	206
103	129	155	180	205
102	128	154	179	204
101	127	153	178	203
100	126	152	177	202

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1K GRID CELL: 54SVH9128 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



INDEX MAP

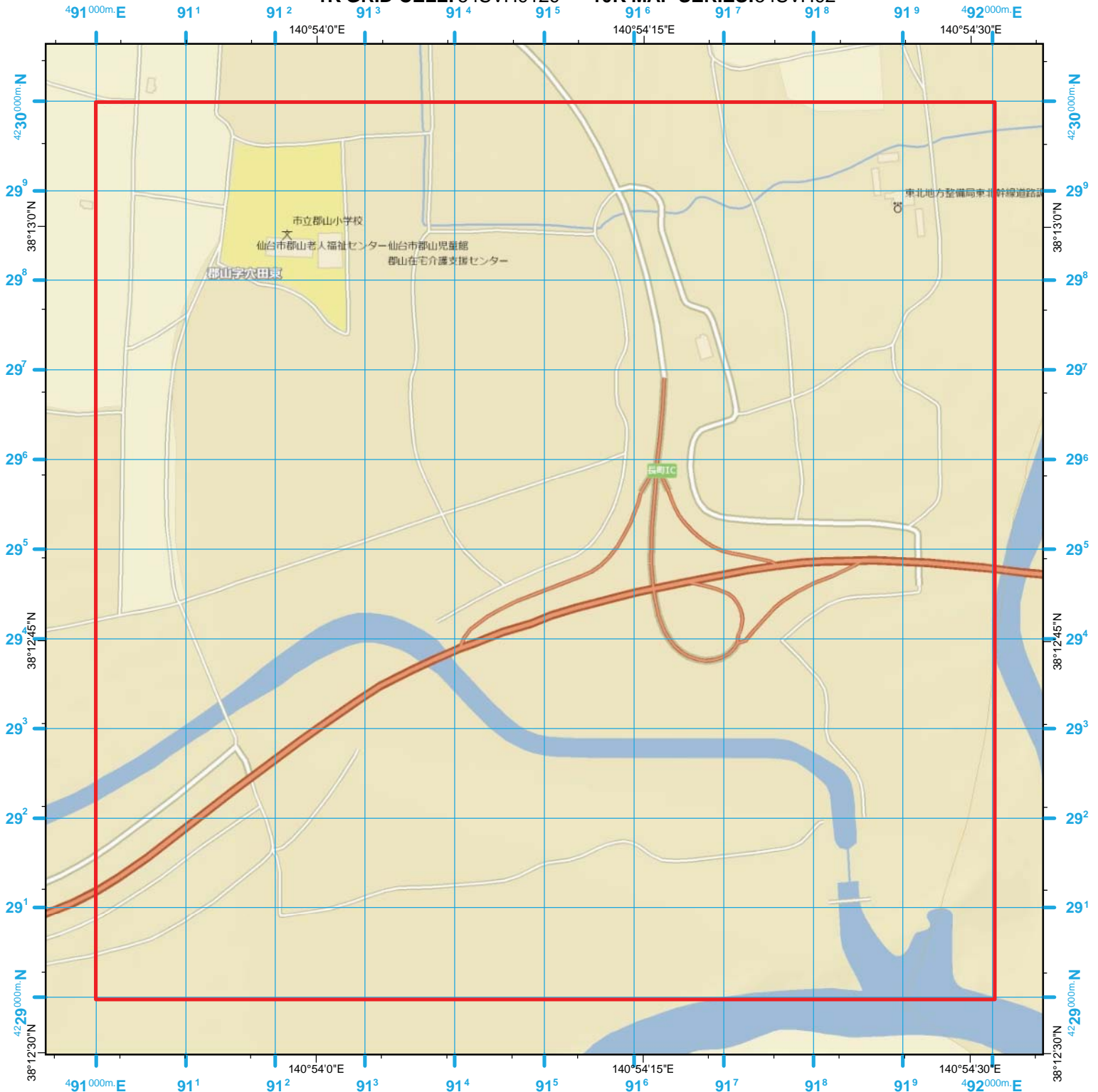
MAPSHEET 155 of 400

105	131	157	182	207
104	130	156	181	206
103	129	155	180	205
102	128	154	179	204
101	127	153	178	203

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1K GRID CELL: 54SVH9129 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
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VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- 🏫 School



INDEX MAP

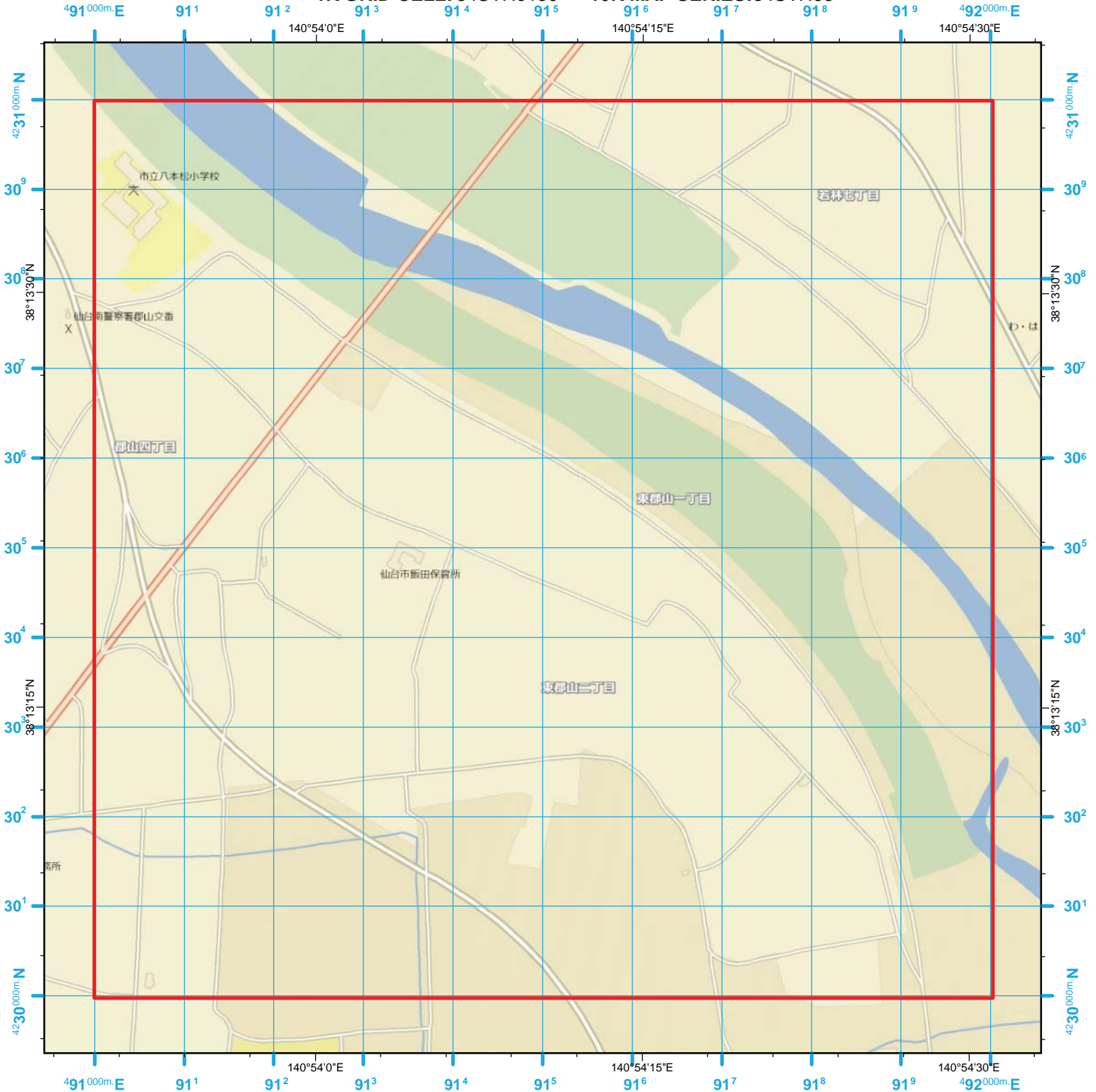
MAPSHEET 156 of 400

106	132	158	183	208
105	131	157	182	207
104	130	156	181	206
103	129	155	180	205
102	128	154	179	204

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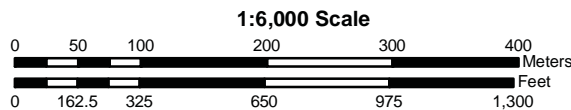
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

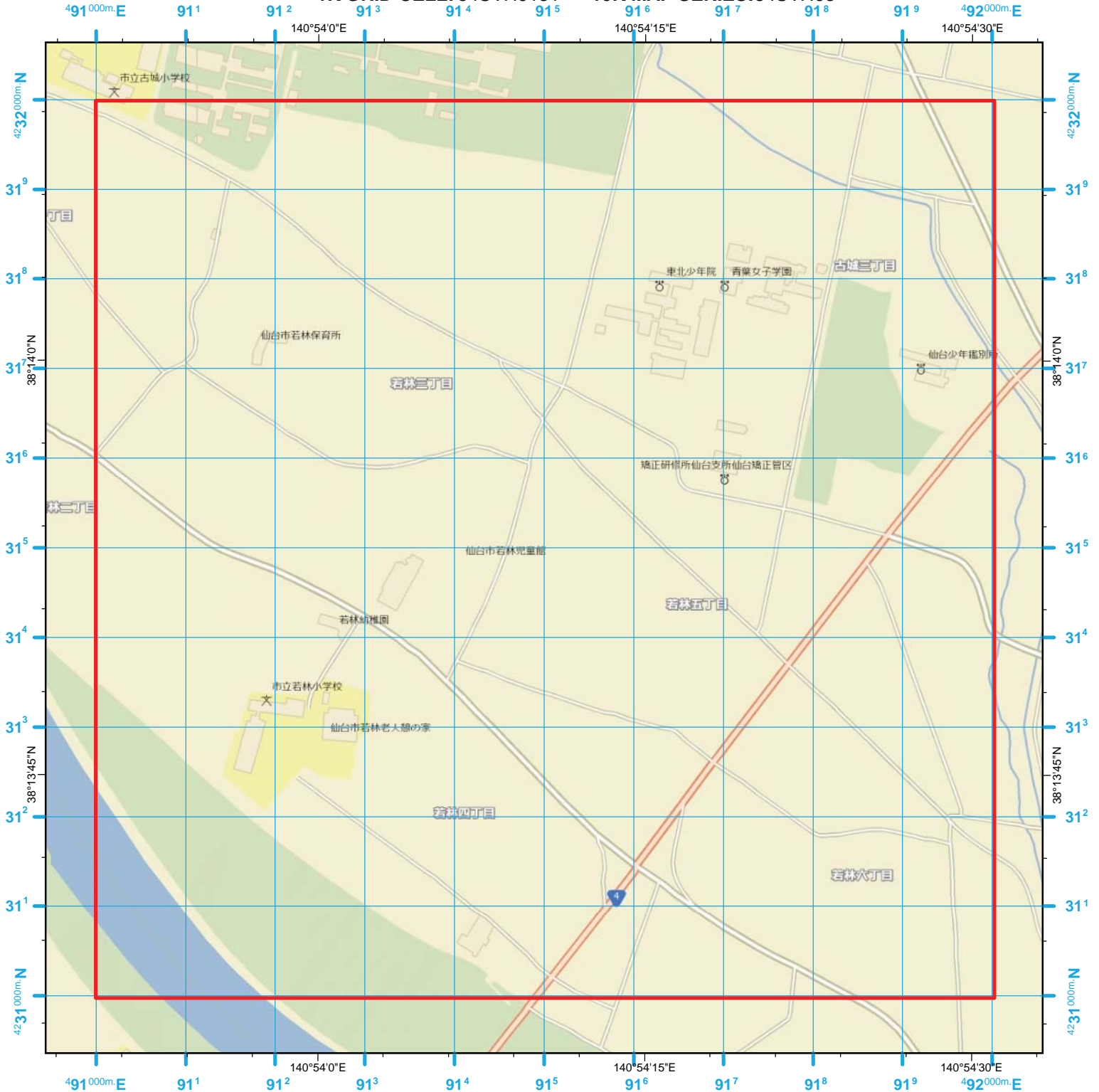
MAPSHEET 157 of 400

107	133	159	184	209
106	132	158	183	208
105	131	157	182	207
104	130	156	181	206
103	129	155	180	205

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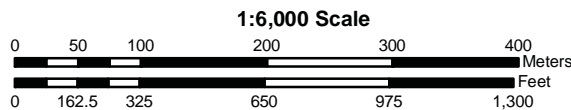
1K GRID CELL: 54SVH9131 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

MAPSHEET 158 of 400

108	134	160	185	210
107	133	159	184	209
106	132	158	183	208
105	131	157	182	207
104	130	156	181	206

SENDAI, JAPAN

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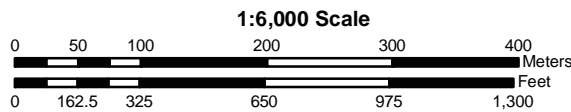
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

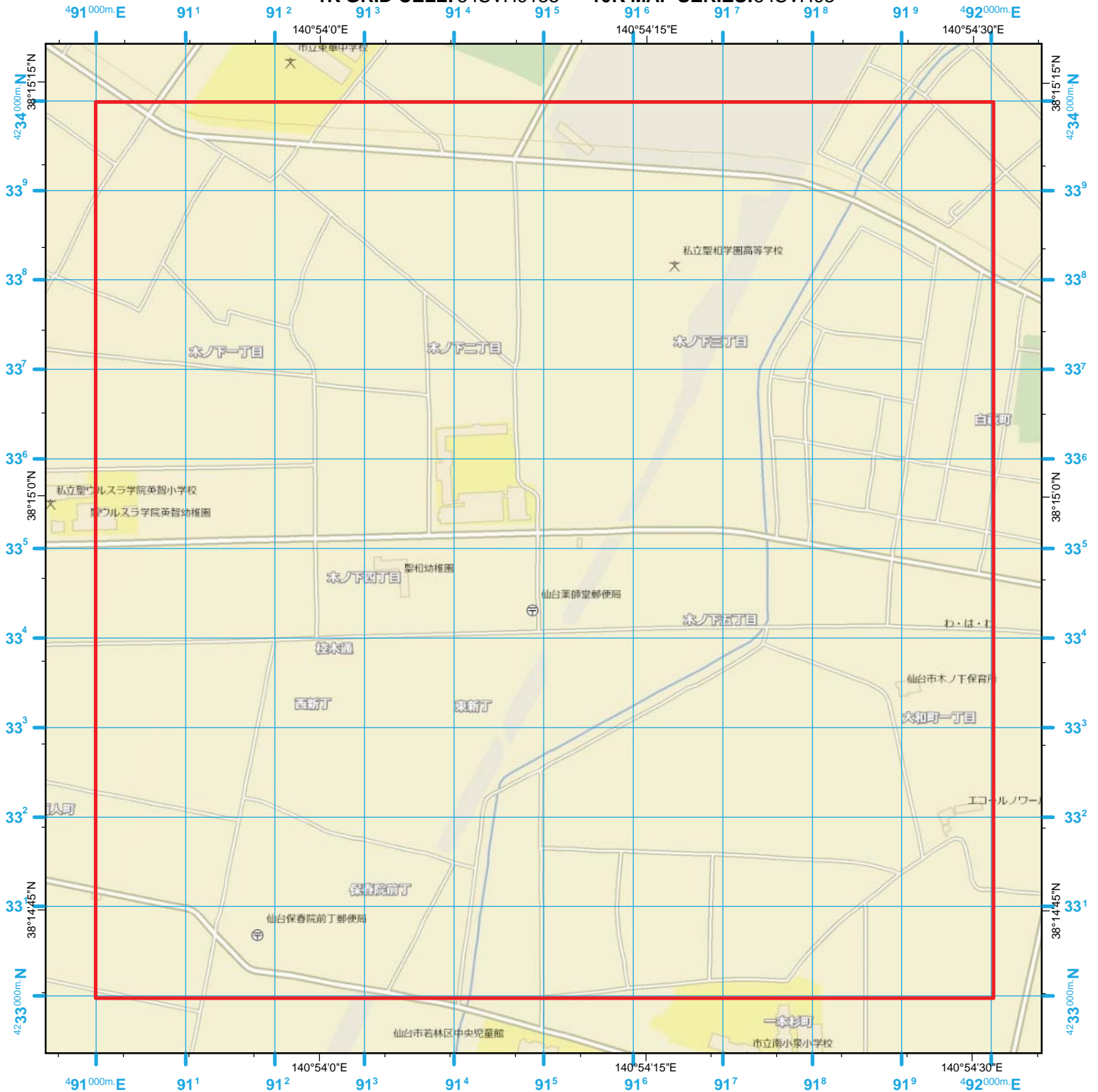
MAPSHEET 159 of 400

109	135	161	186	211
108	134	160	185	210
107	133	159	184	209
106	132	158	183	208
105	131	157	182	207

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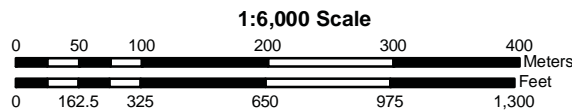
1K GRID CELL: 54SVH9133 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- 🏫 School



INDEX MAP

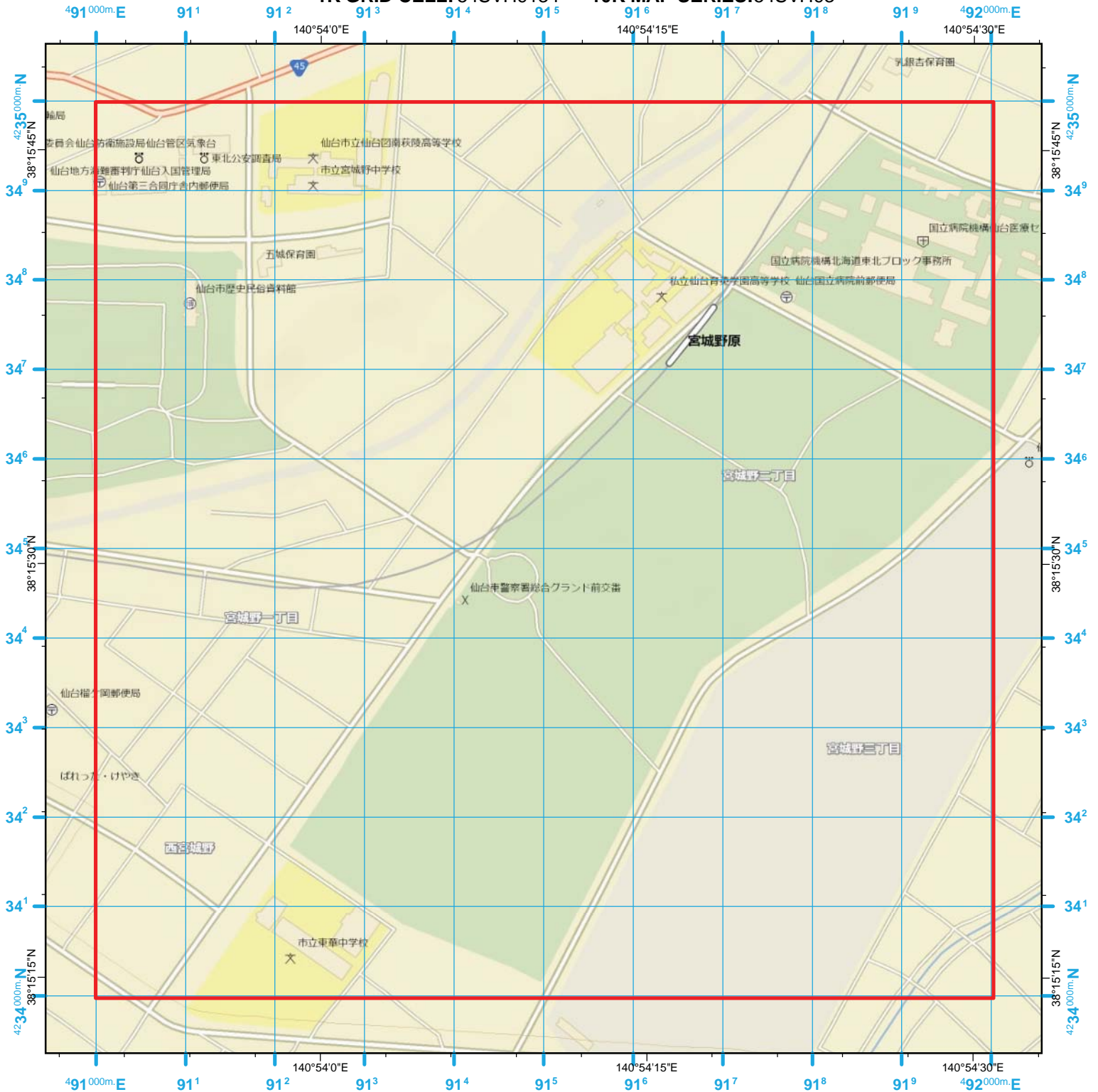
MAPSHEET 160 of 400

110	136	162	187	212
109	135	161	186	211
108	134	160	185	210
107	133	159	184	209
106	132	158	183	208

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1K GRID CELL: 54SVH9134 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

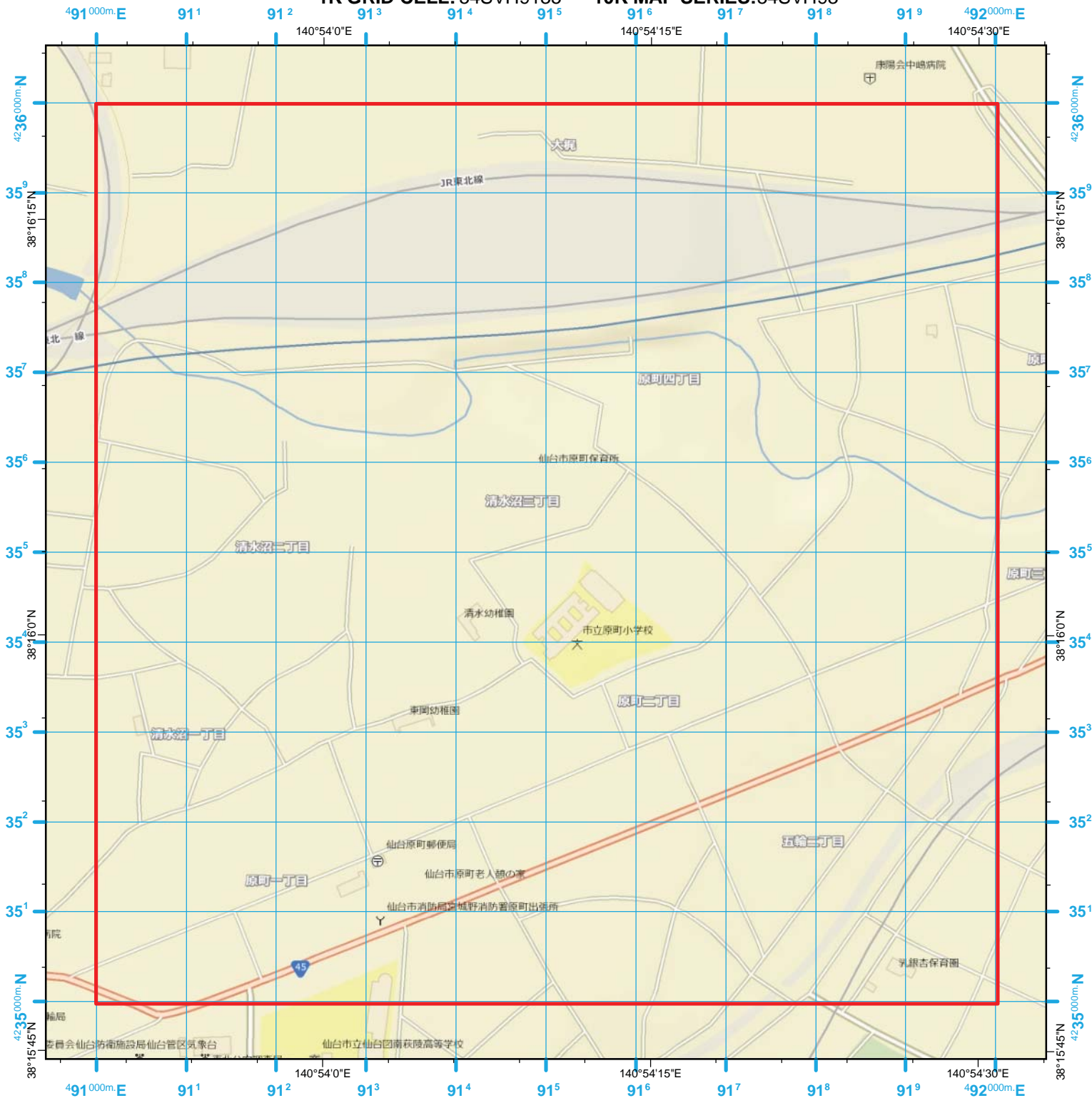
MAPSHEET 161 of 400

111	137	163	188	213
110	136	162	187	212
109	135	161	186	211
108	134	160	185	210
107	133	159	184	209

SENDAI, JAPAN

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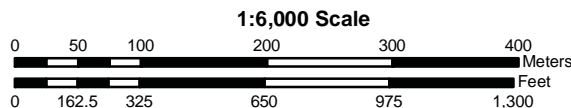
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



INDEX MAP

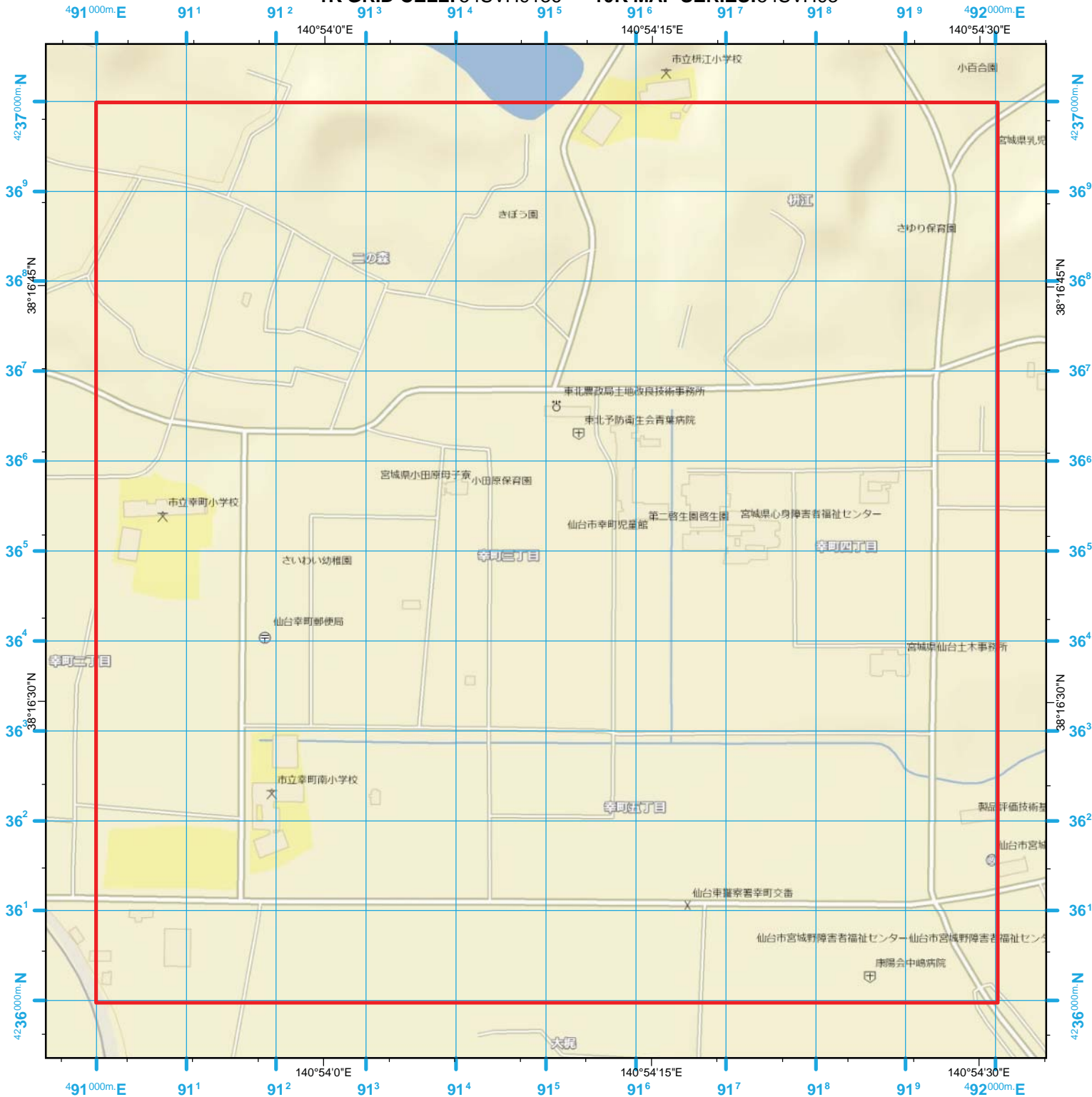
MAPSHEET 162 of 400

112	138	164	189	214
111	137	163	188	213
110	136	162	187	212
109	135	161	186	211
108	134	160	185	210

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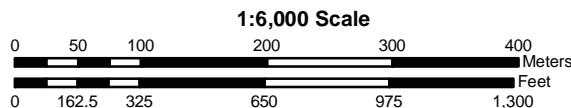
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
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- P Police
- S School



INDEX MAP

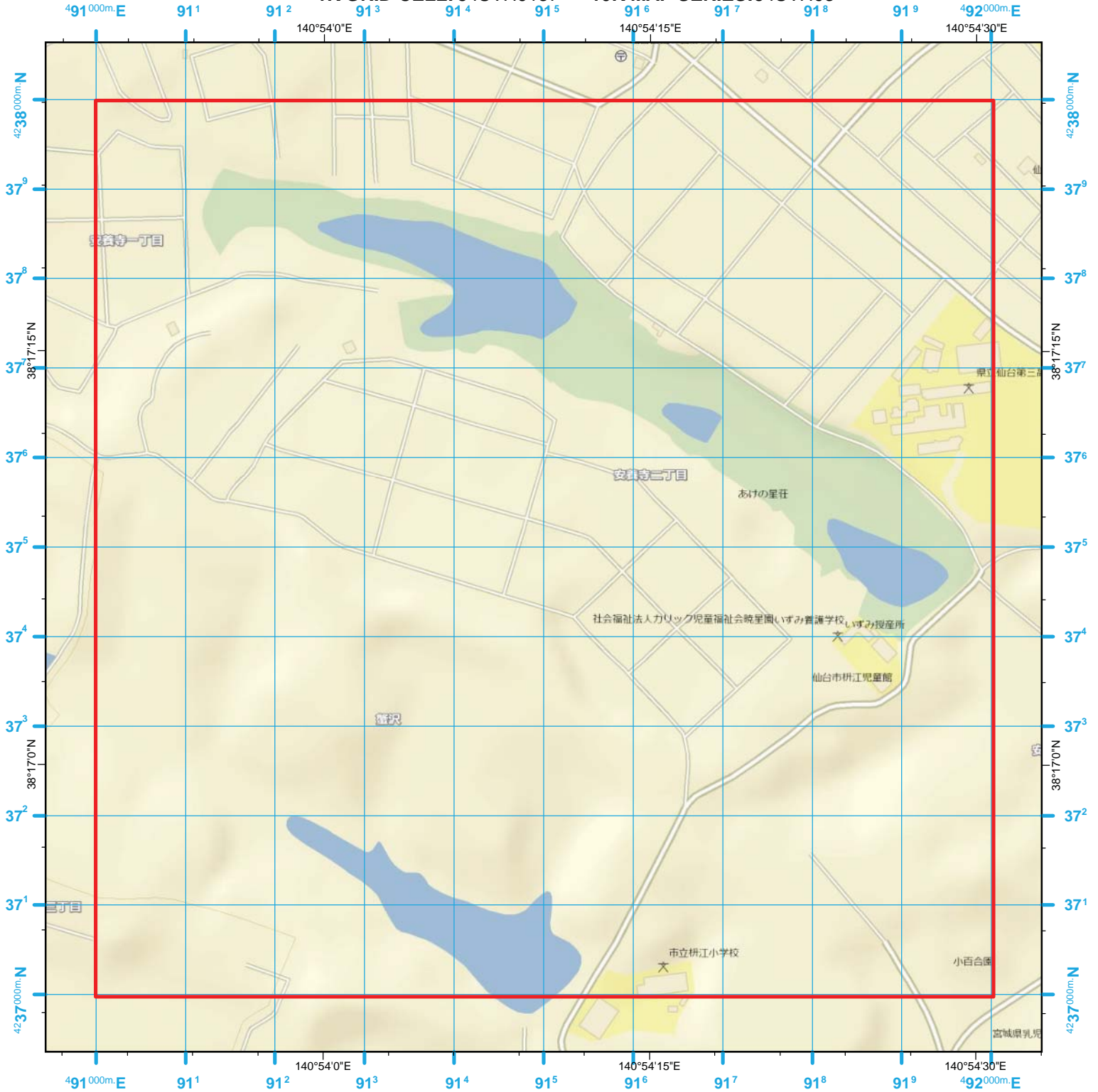
MAPSHEET 163 of 400

113	139	165	190	215
112	138	164	189	214
111	137	163	188	213
110	136	162	187	212
109	135	161	186	211

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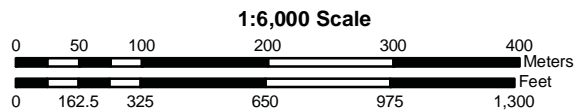
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1000-m cell, 100-m grid, MGRS
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 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
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- P Police
- S School



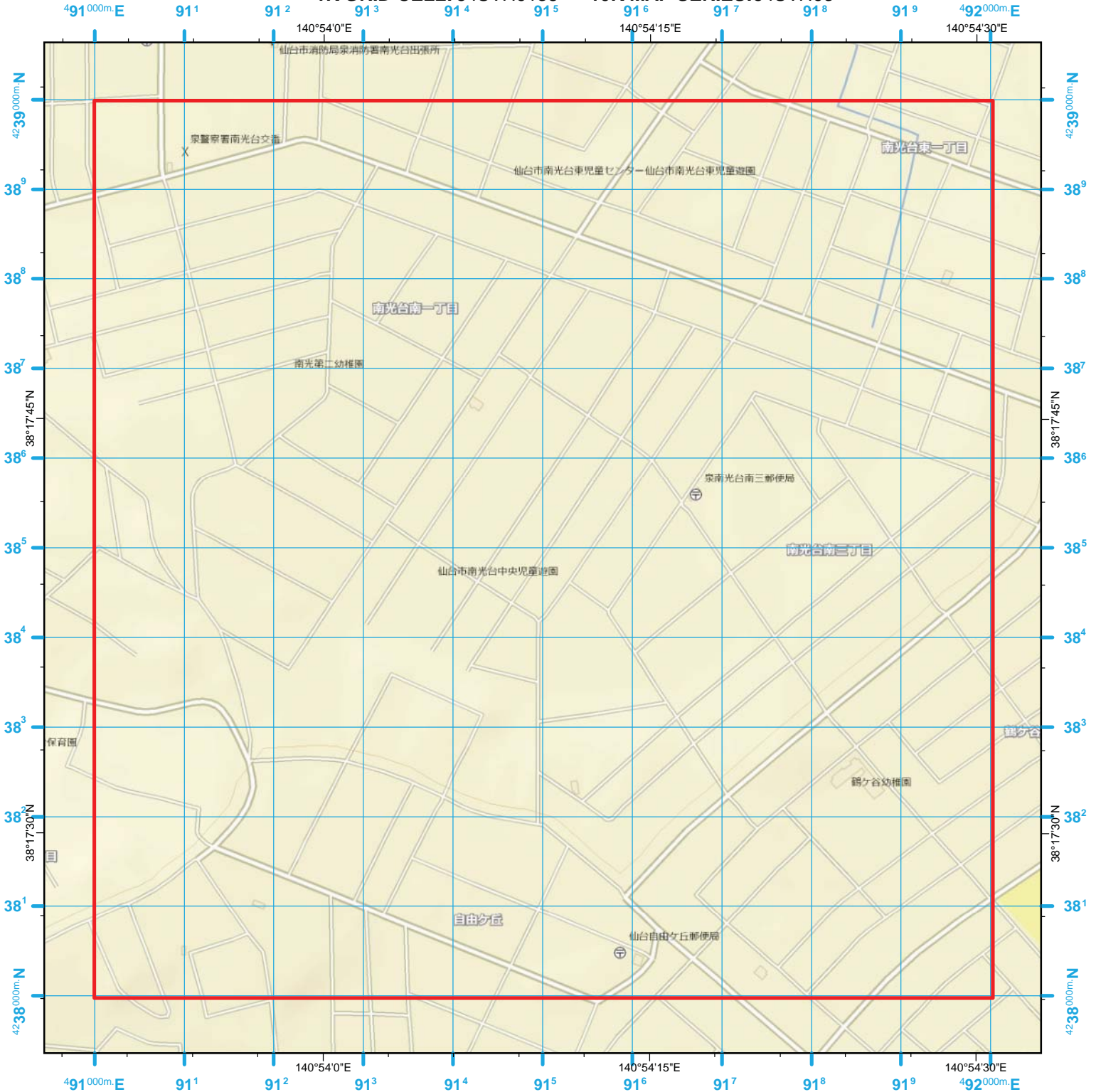
INDEX MAP MAPSHEET 164 of 400

114	140	166	191	216
113	139	165	190	215
112	138	164	189	214
111	137	163	188	213
110	136	162	187	212

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1K GRID CELL: 54SVH9138 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
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- P Police
- School



INDEX MAP

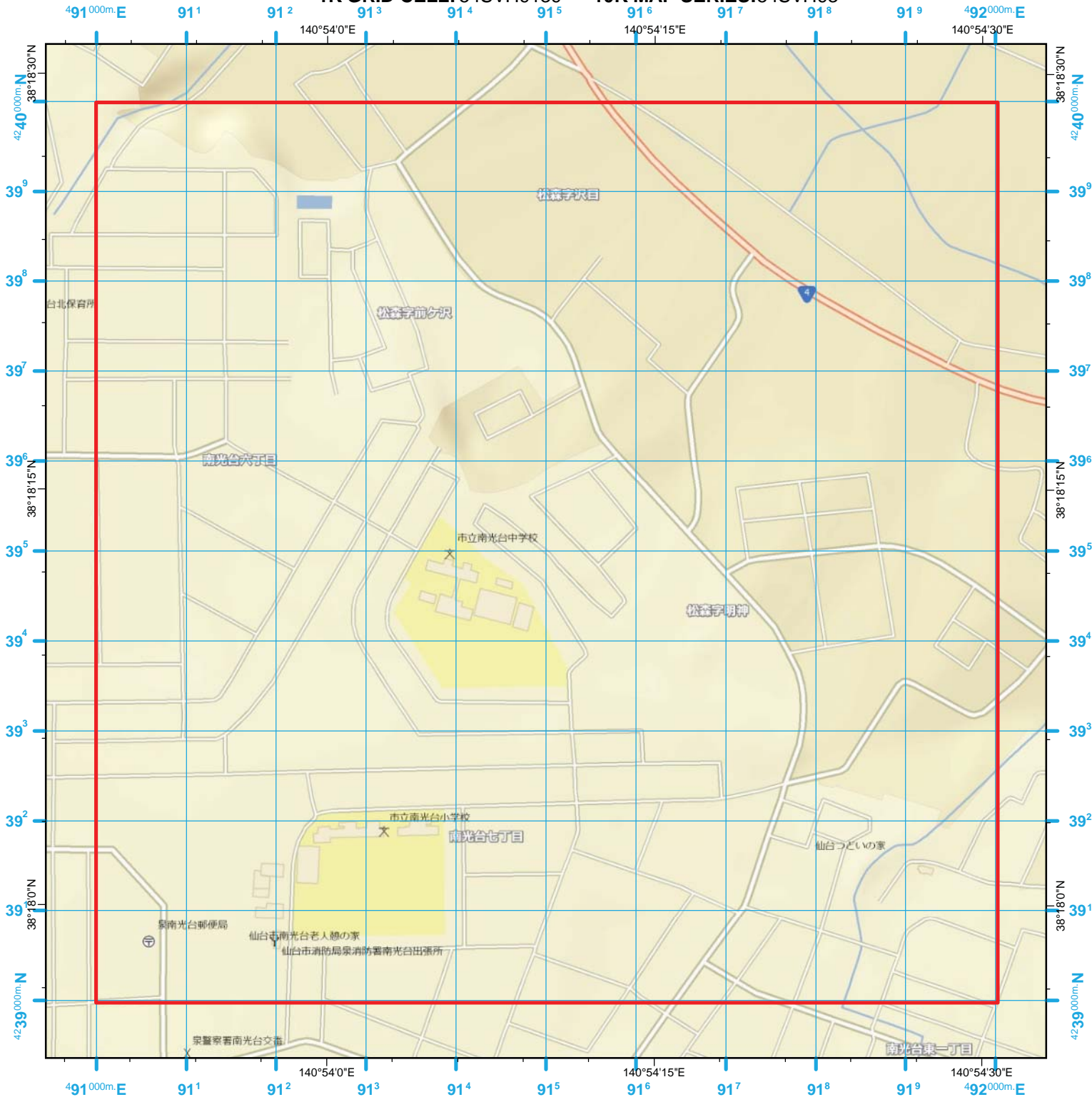
MAPSHEET 165 of 400

115	141	167	192	217
114	140	166	191	216
113	139	165	190	215
112	138	164	189	214
111	137	163	188	213

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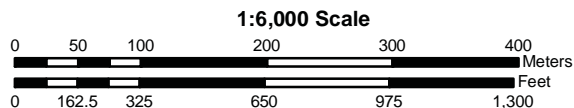
1K GRID CELL: 54SVH9139 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
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INDEX MAP

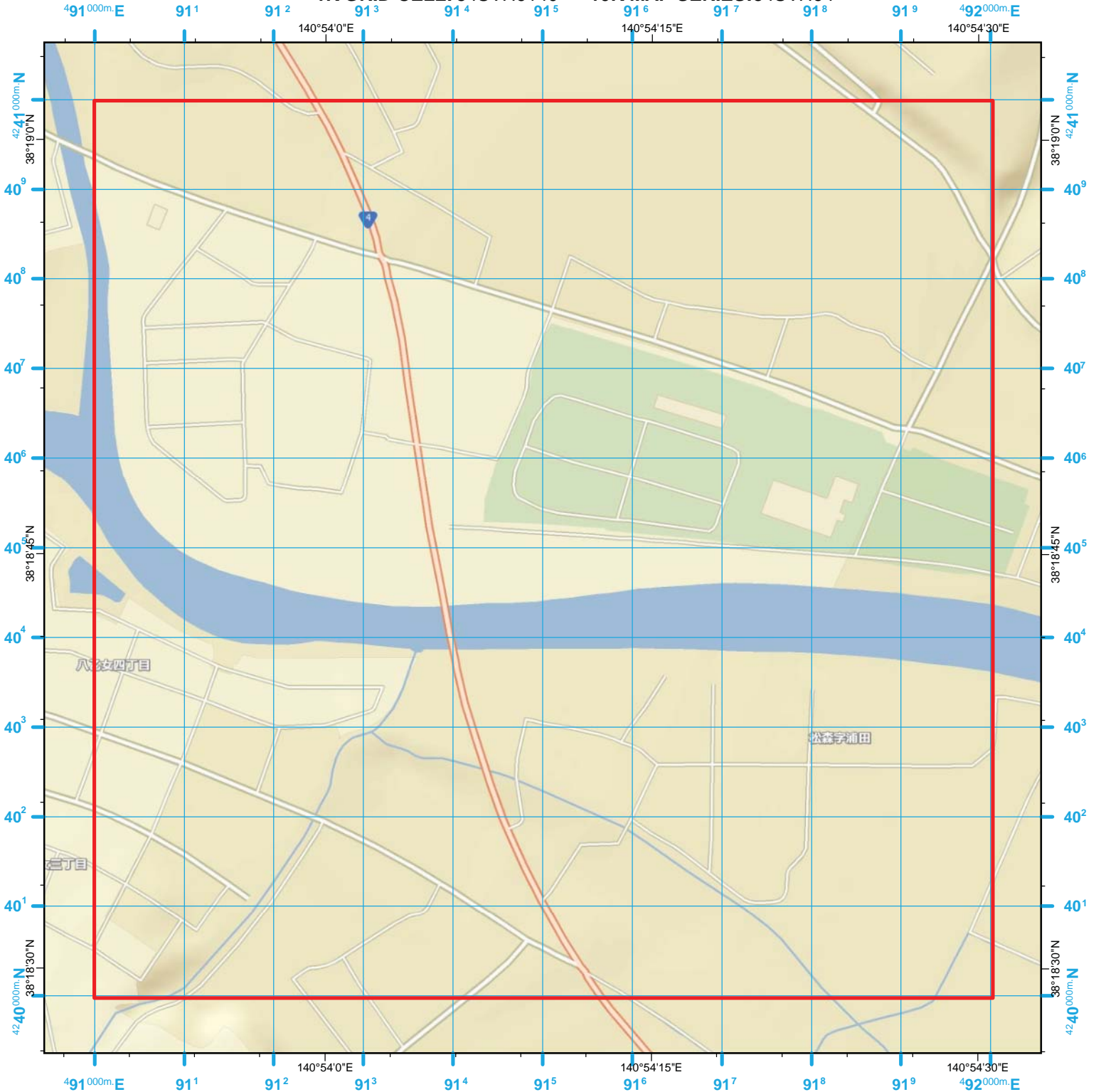
MAPSHEET 166 of 400

116	142	168	193	218
115	141	167	192	217
114	140	166	191	216
113	139	165	190	215
112	138	164	189	214

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1K GRID CELL: 54SVH9140 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
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INDEX MAP

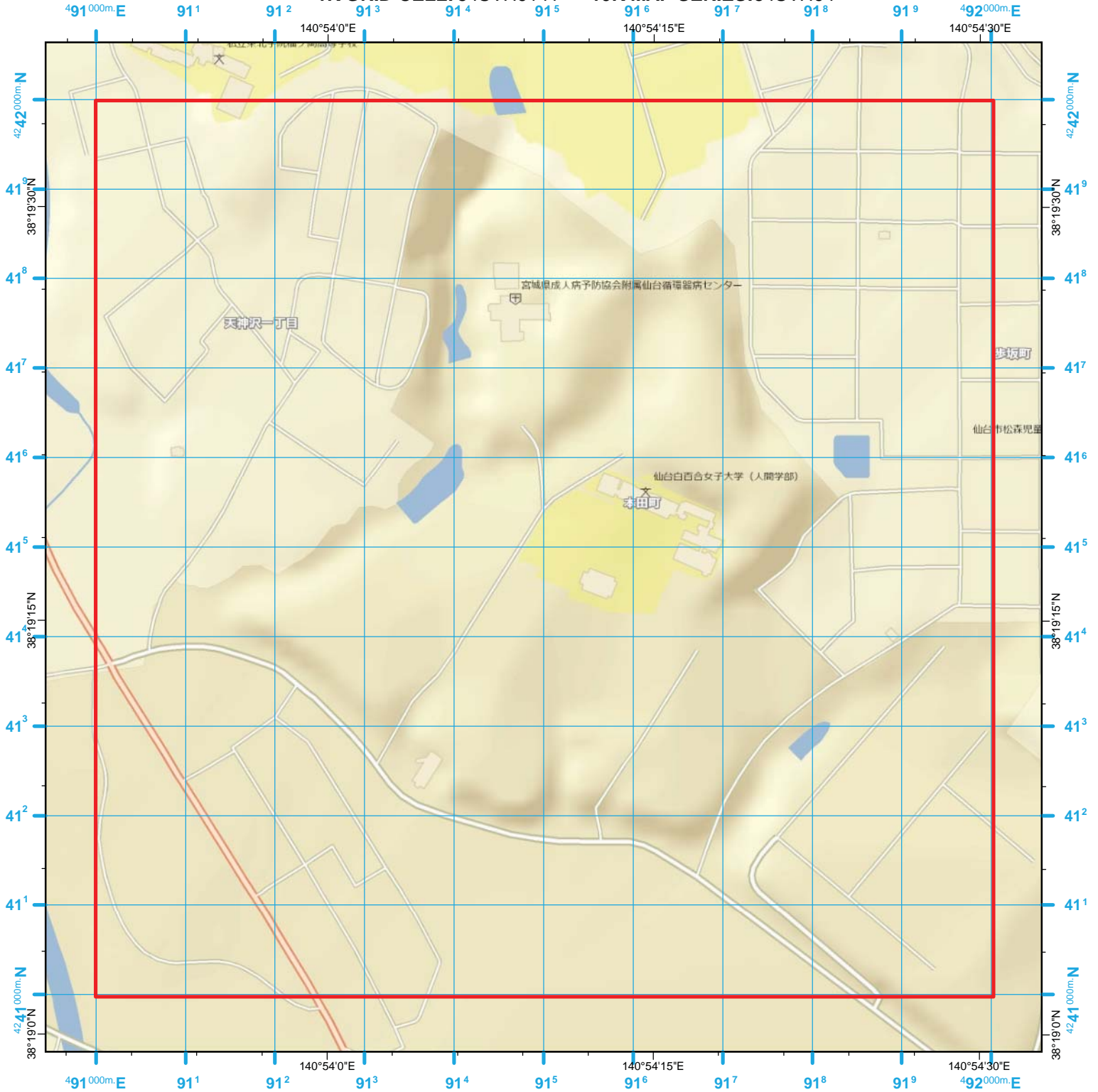
MAPSHEET 167 of 400

117	143	169	194	219
116	142	168	193	218
115	141	167	192	217
114	140	166	191	216
113	139	165	190	215

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1K GRID CELL: 54SVH9141 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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VH
54S
Grid Zone Designation



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- P Police
- S School



INDEX MAP

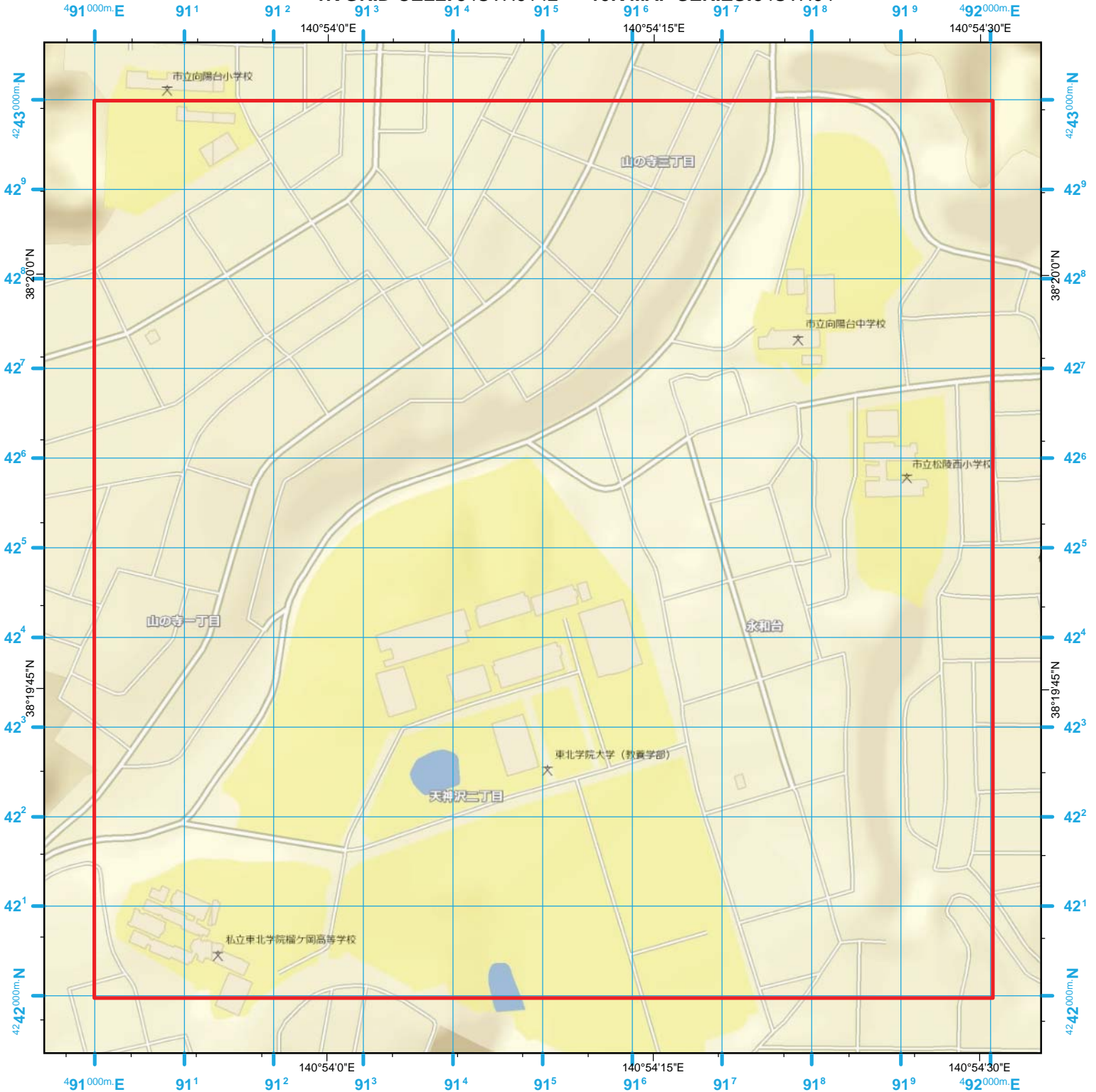
MAPSHEET 168 of 400

118	144	170	195	220
117	143	169	194	219
116	142	168	193	218
115	141	167	192	217
114	140	166	191	216

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1K GRID CELL: 54SVH9142 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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1:6,000 Scale

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119	145	171	196	221
118	144	170	195	220
117	143	169	194	219
116	142	168	193	218
115	141	167	192	217

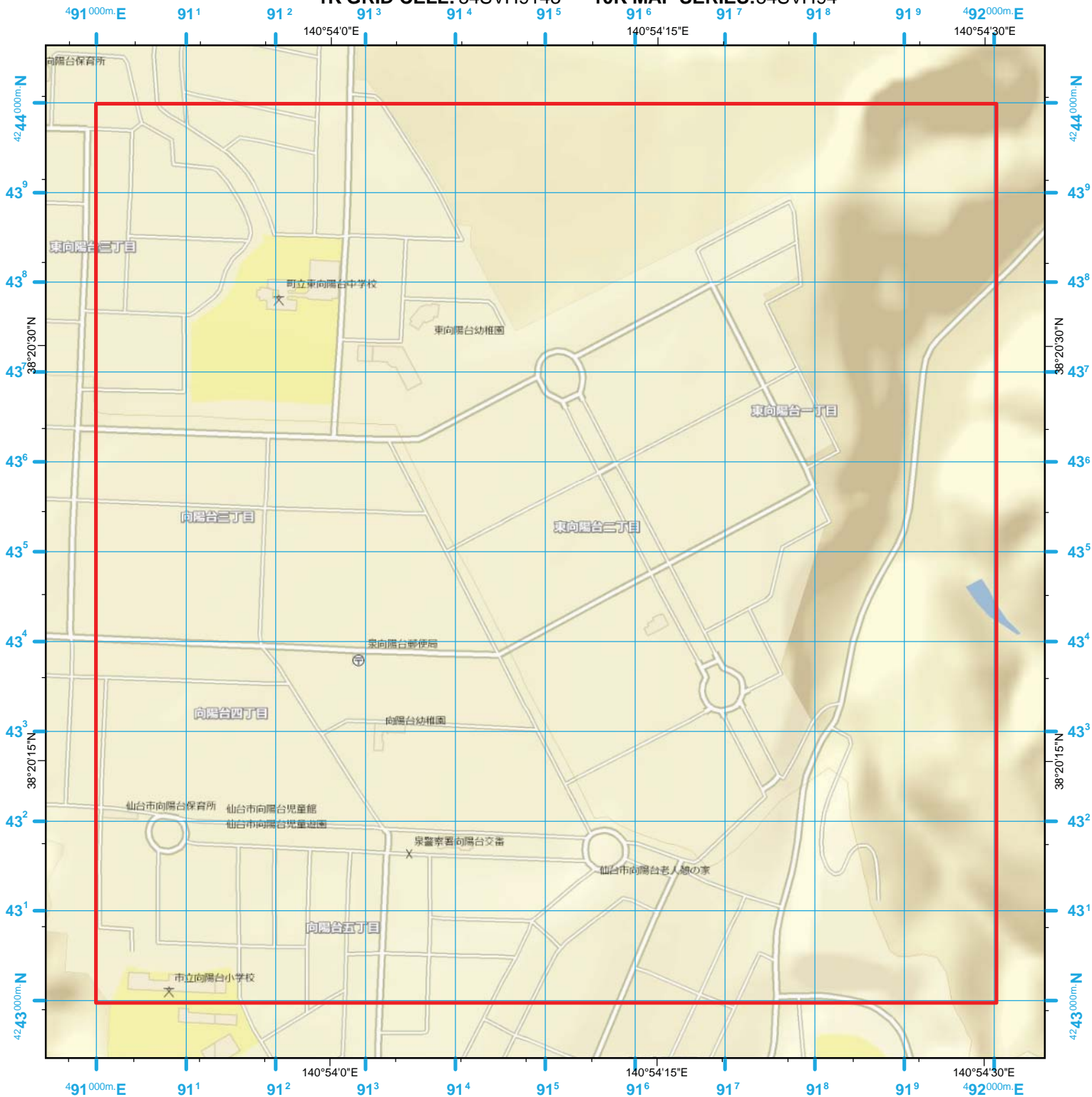
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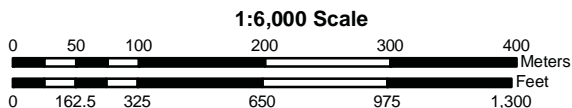
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
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VH
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Grid Zone Designation



- Search Grid
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- P Police
- S School

1:6,000 Scale



INDEX MAP

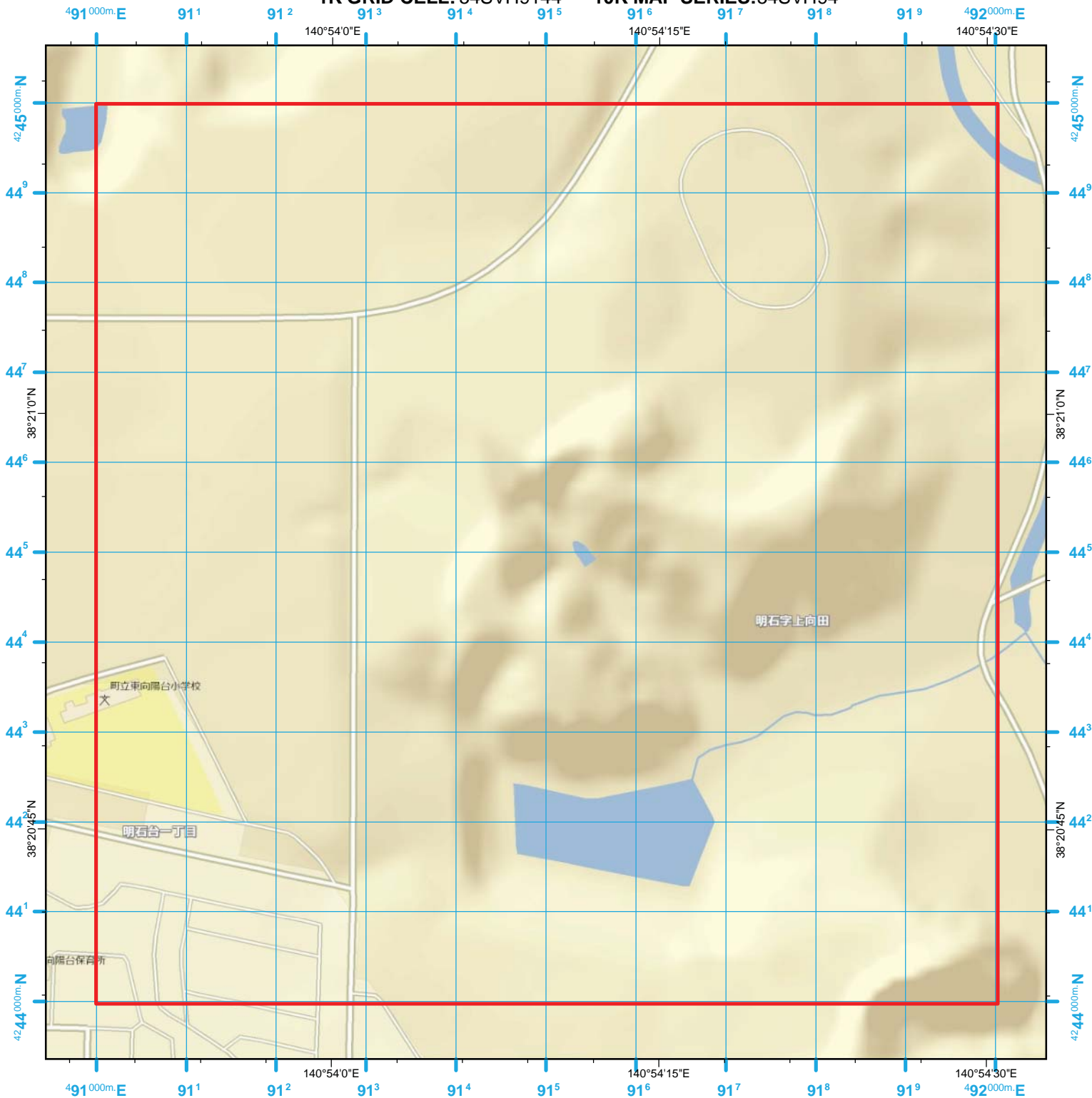
MAPSHEET 170 of 400

120	146	172	197	222
119	145	171	196	221
118	144	170	195	220
117	143	169	194	219
116	142	168	193	218

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1K GRID CELL: 54SVH9144 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

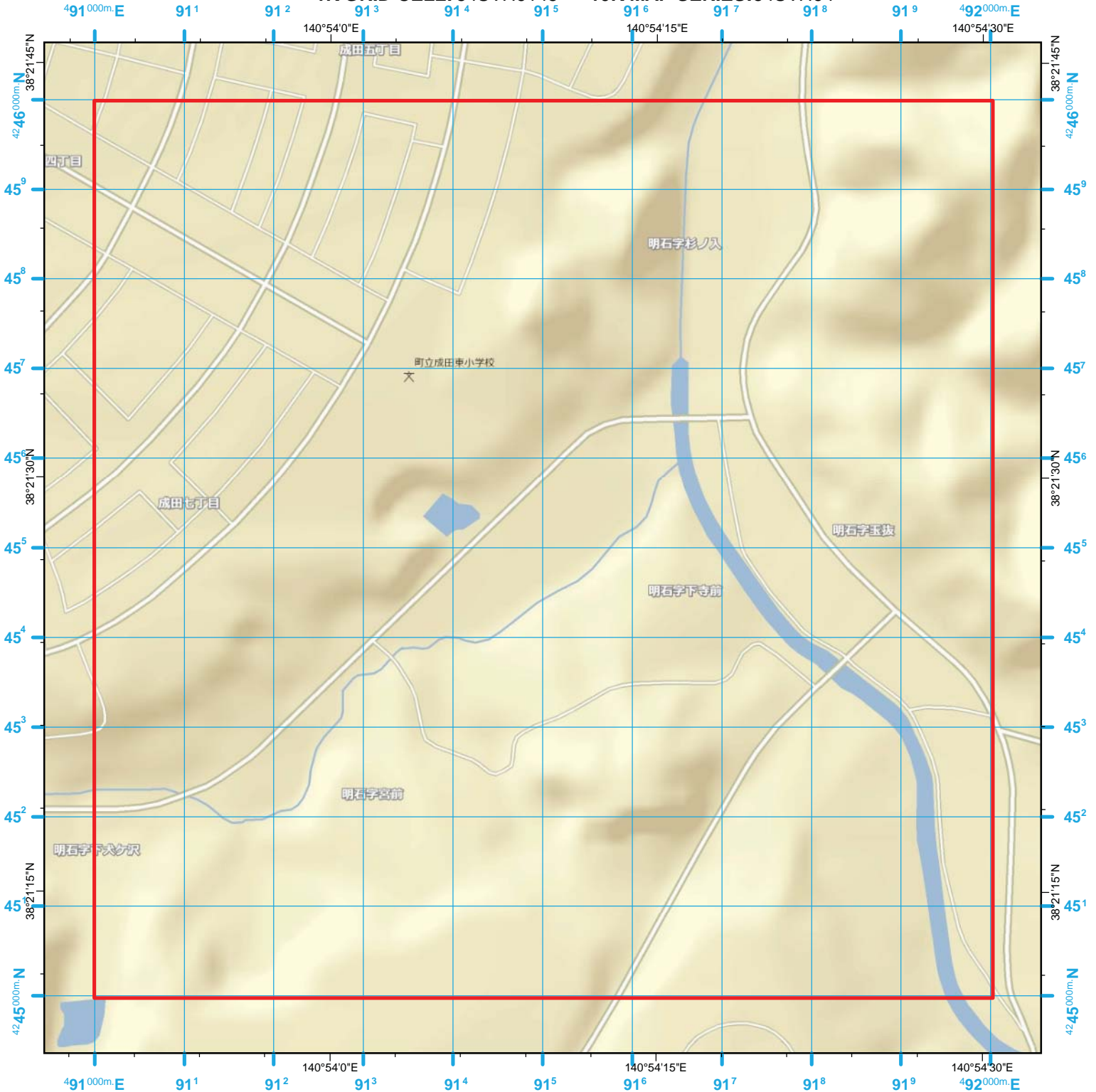
MAPSHEET 171 of 400

121	147	173	198	223
120	146	172	197	222
119	145	171	196	221
118	144	170	195	220
117	143	169	194	219

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1K GRID CELL: 54SVH9145 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

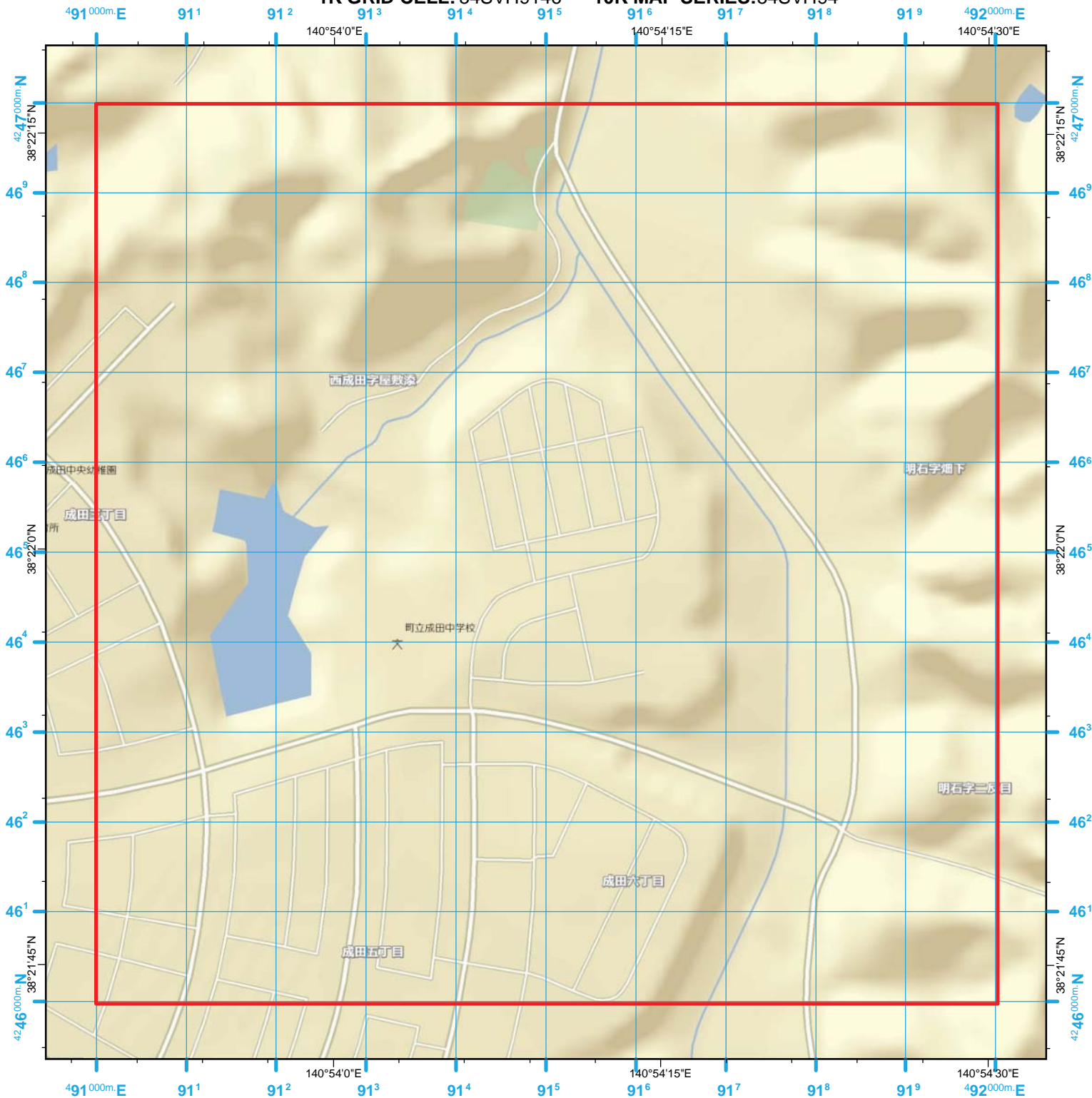
MAPSHEET 172 of 400

122	148	174	199	
121	147	173	198	223
120	146	172	197	222
119	145	171	196	221
118	144	170	195	220

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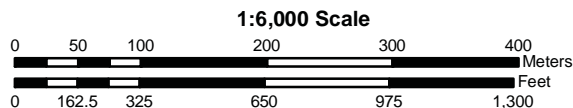
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

INDEX MAP

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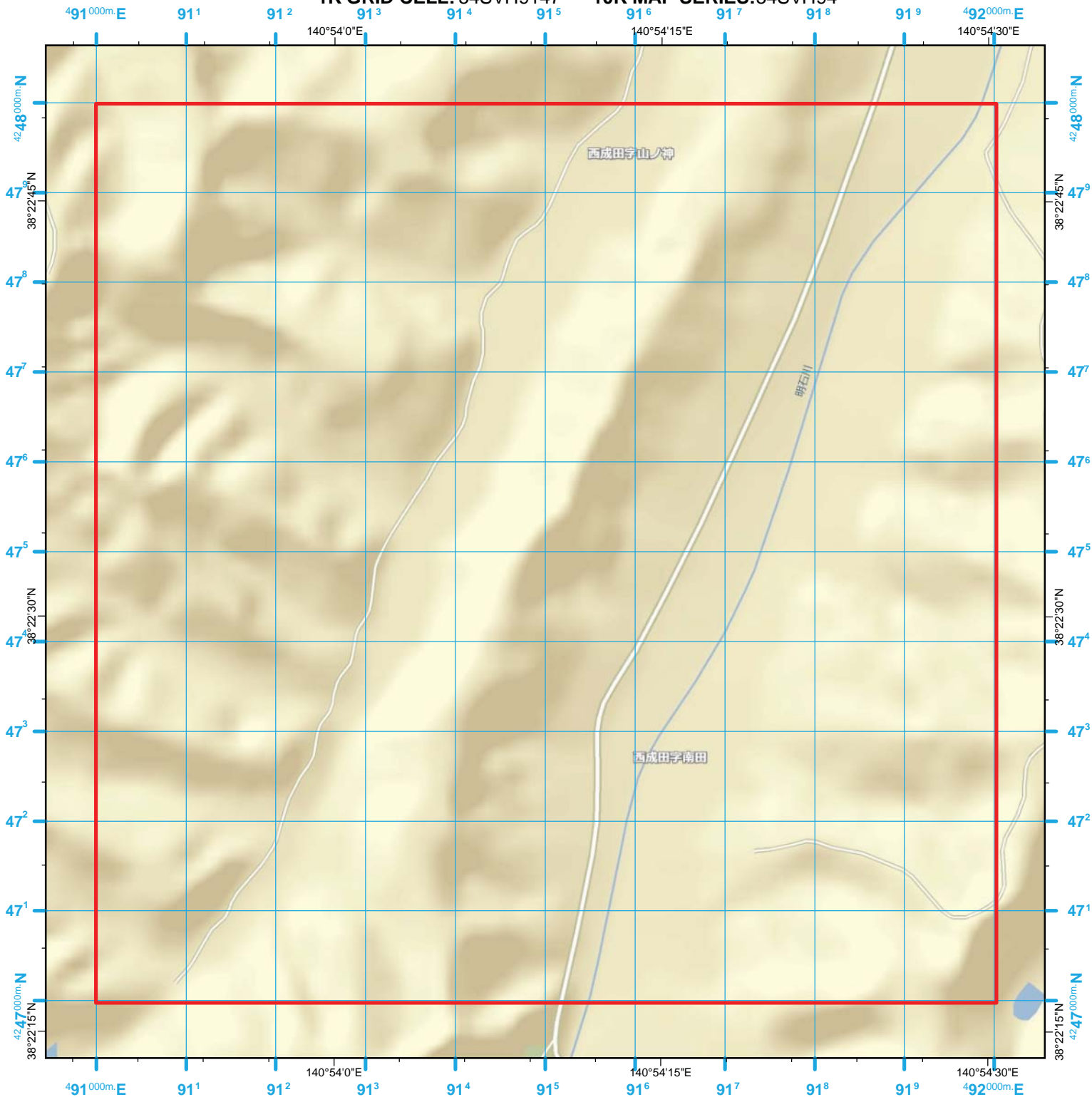


122	148	174	199	
121	147	173	198	223
120	146	172	197	222
119	145	171	196	221

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1K GRID CELL: 54SVH9147 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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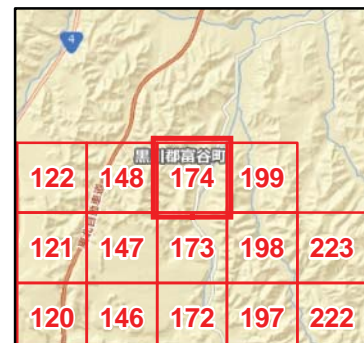
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



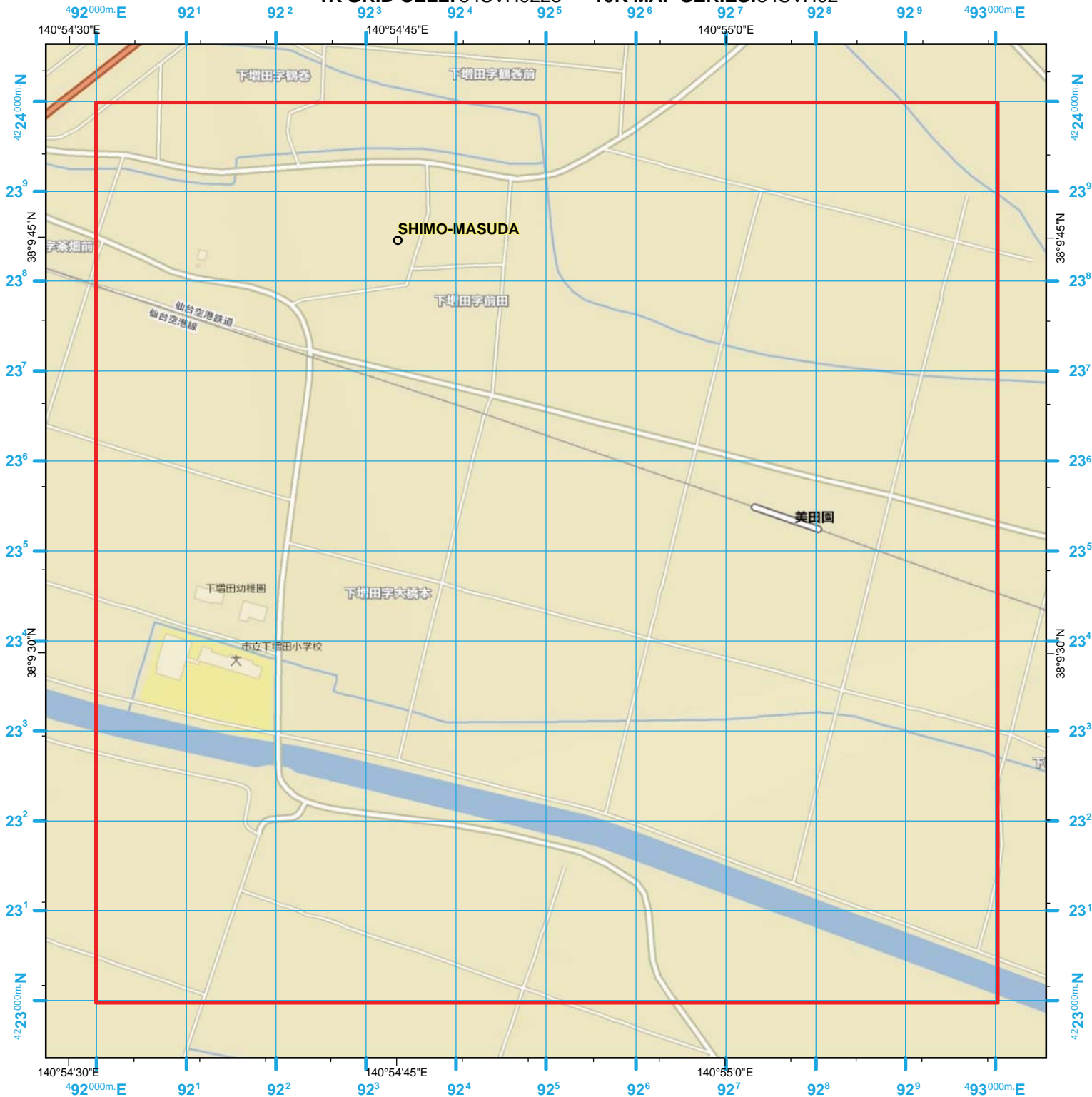
INDEX MAP MAPSHEET 174 of 400



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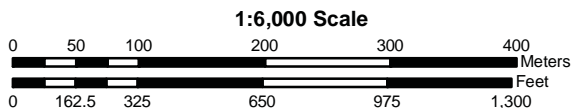
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
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54S
Grid Zone Designation



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- S School

1:6,000 Scale



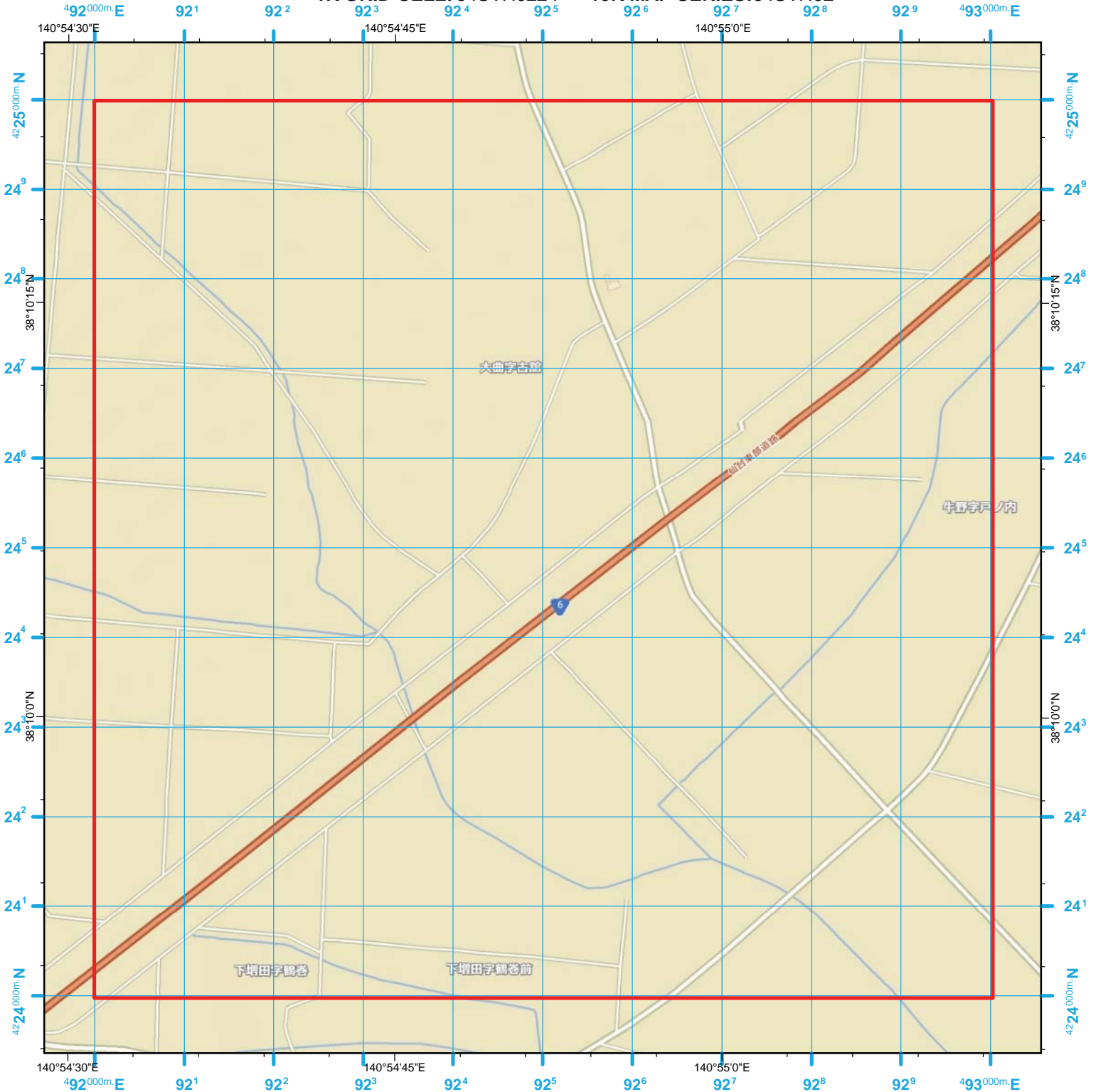
INDEX MAP

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126	152	177	202	226
125	151	176	201	225
124	150	175	200	224
123	149			

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1K GRID CELL: 54SVH9224 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
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- P Police
- School



INDEX MAP

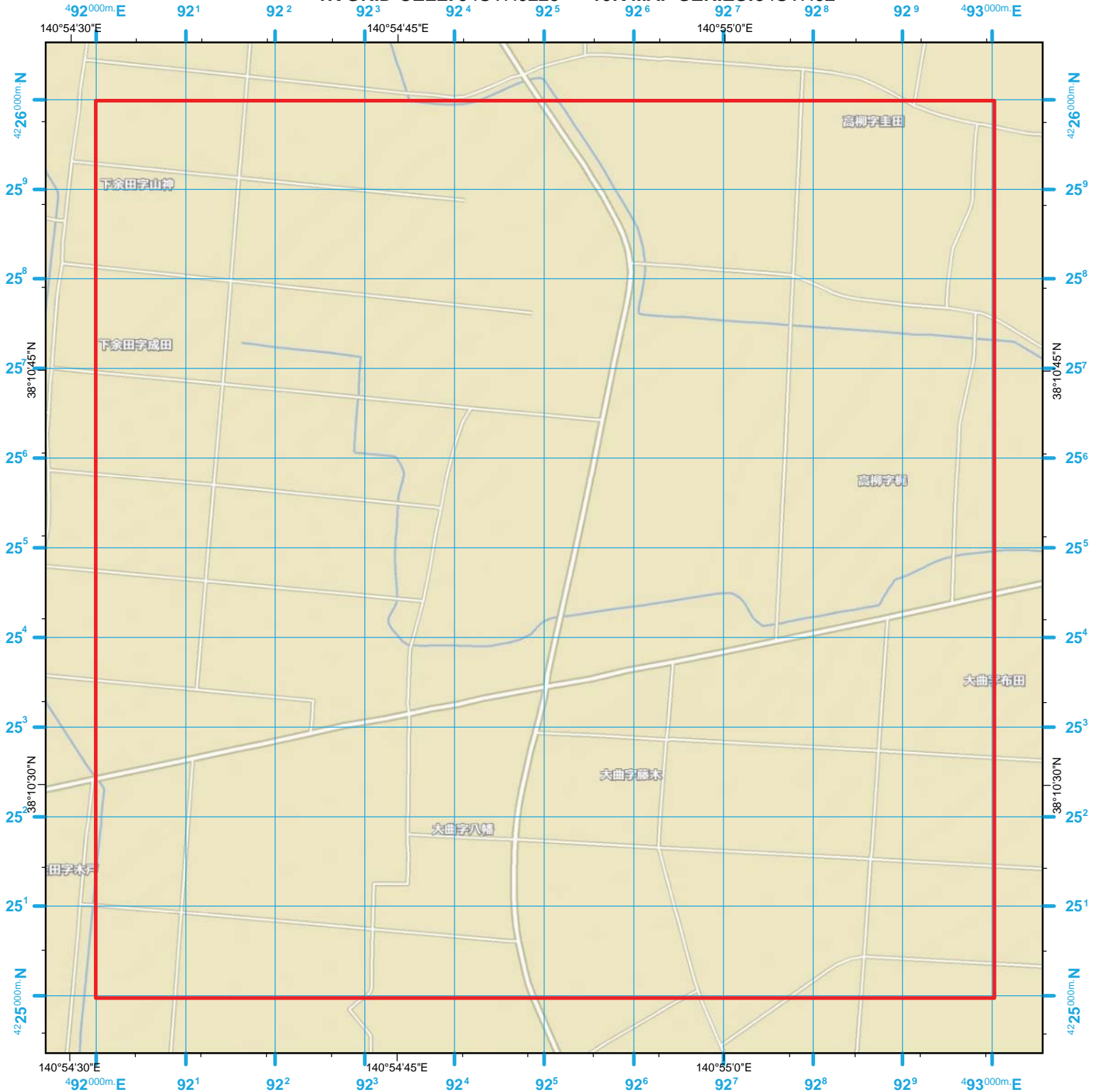
MAPSHEET 176 of 400

127	153	178	203	227
126	152	177	202	226
125	151	176	201	225
124	150	175	200	224
123	149			

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1K GRID CELL: 54SVH9225 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

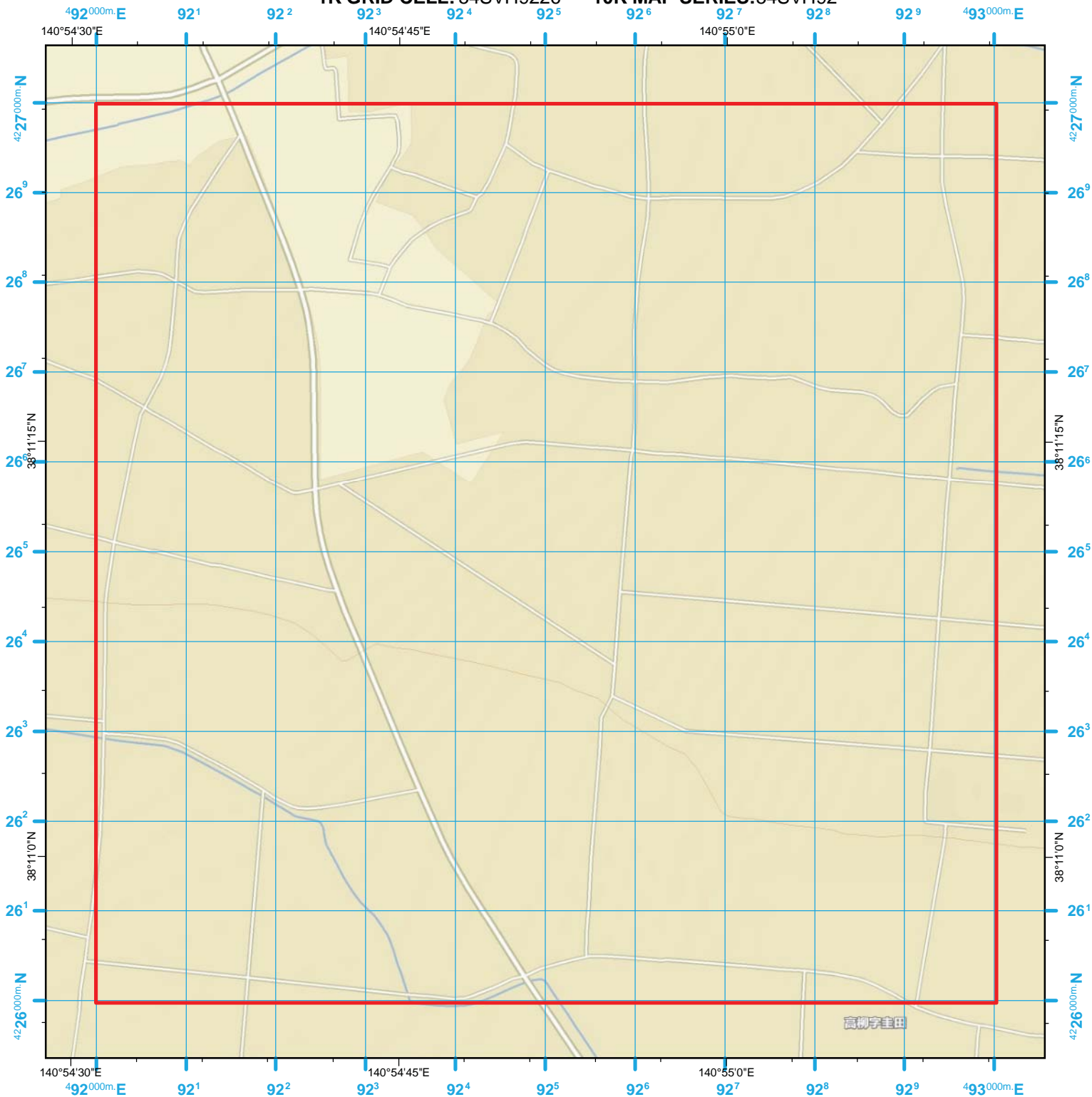
MAPSHEET 177 of 400

128	154	179	204	228
127	153	178	203	227
126	152	177	202	226
125	151	176	201	225
124	150	175	200	224

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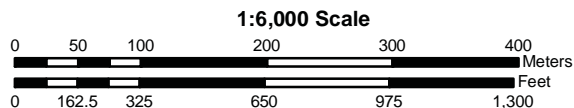
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
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- P Police
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129	155	180	205	229
128	154	179	204	228
127	153	178	203	227
126	152	177	202	226
125	151	176	201	225

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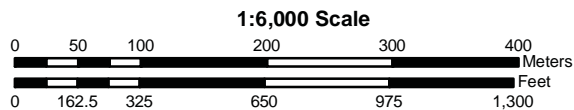
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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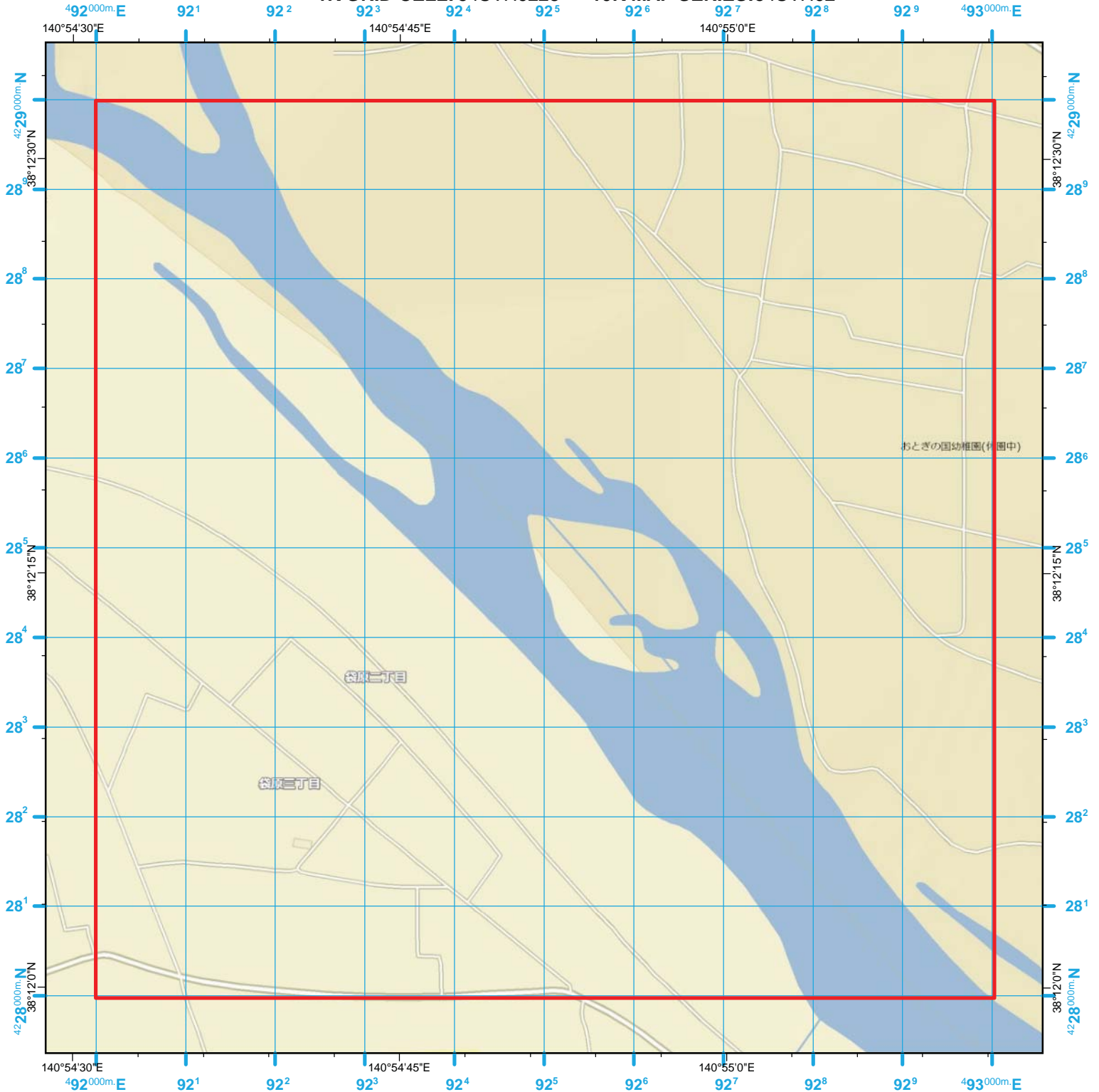
INDEX MAP

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130	156	181	206	230
129	155	180	205	229
128	154	179	204	228
127	153	178	203	227
126	152	177	202	226

SENDAI, JAPAN

1K GRID CELL: 54SVH9228 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
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VH
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- S School



INDEX MAP

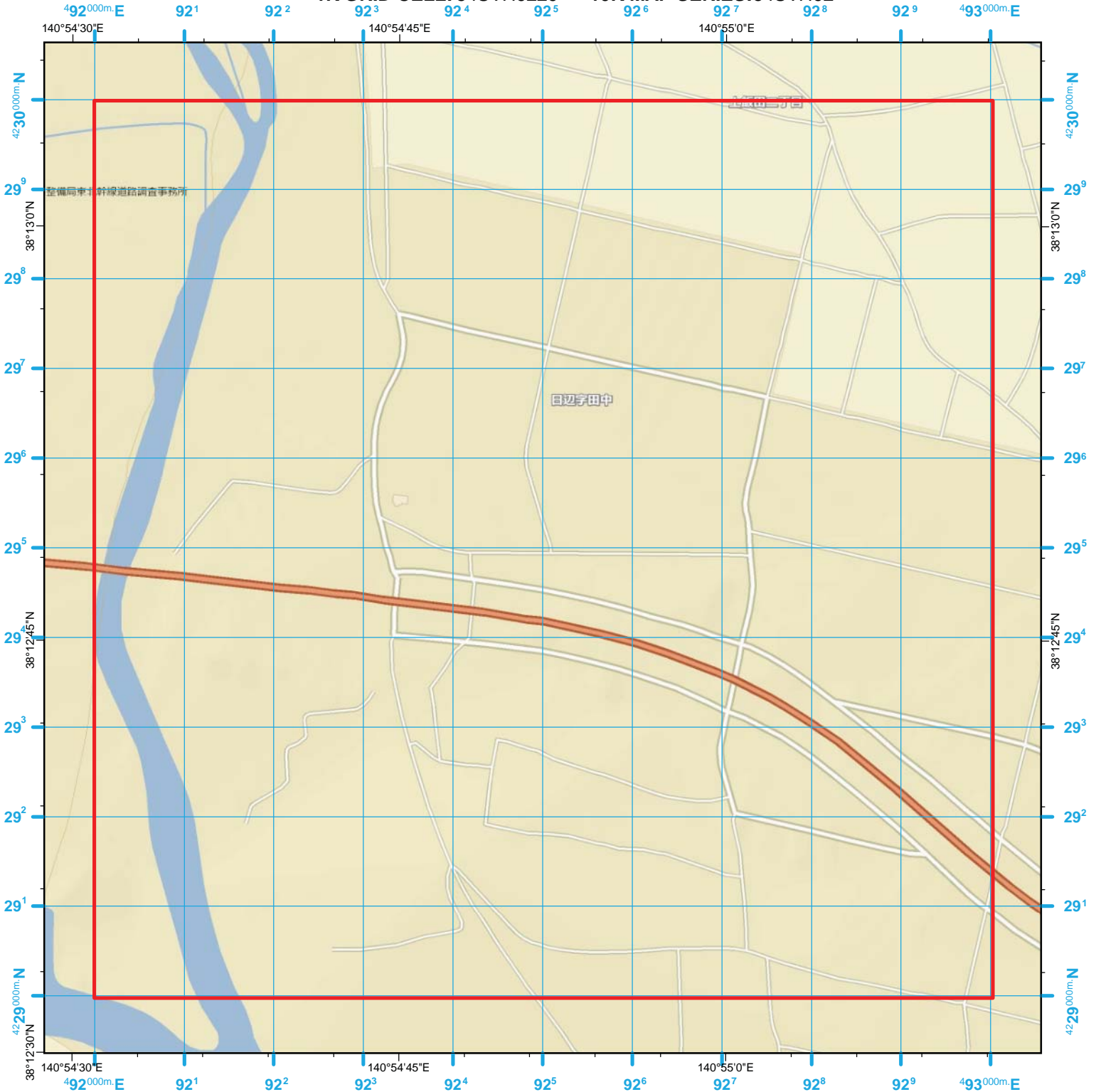
MAPSHEET 180 of 400

131	157	182	207	231
130	156	181	206	230
129	155	180	205	229
128	154	179	204	228
127	153	178	203	227

SENDAI, JAPAN

UNCLASSIFIED//FOUO

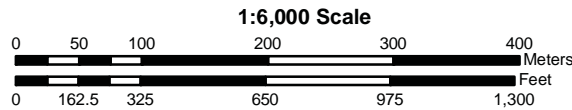
1K GRID CELL: 54SVH9229 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

*Not to be used for navigation.
 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

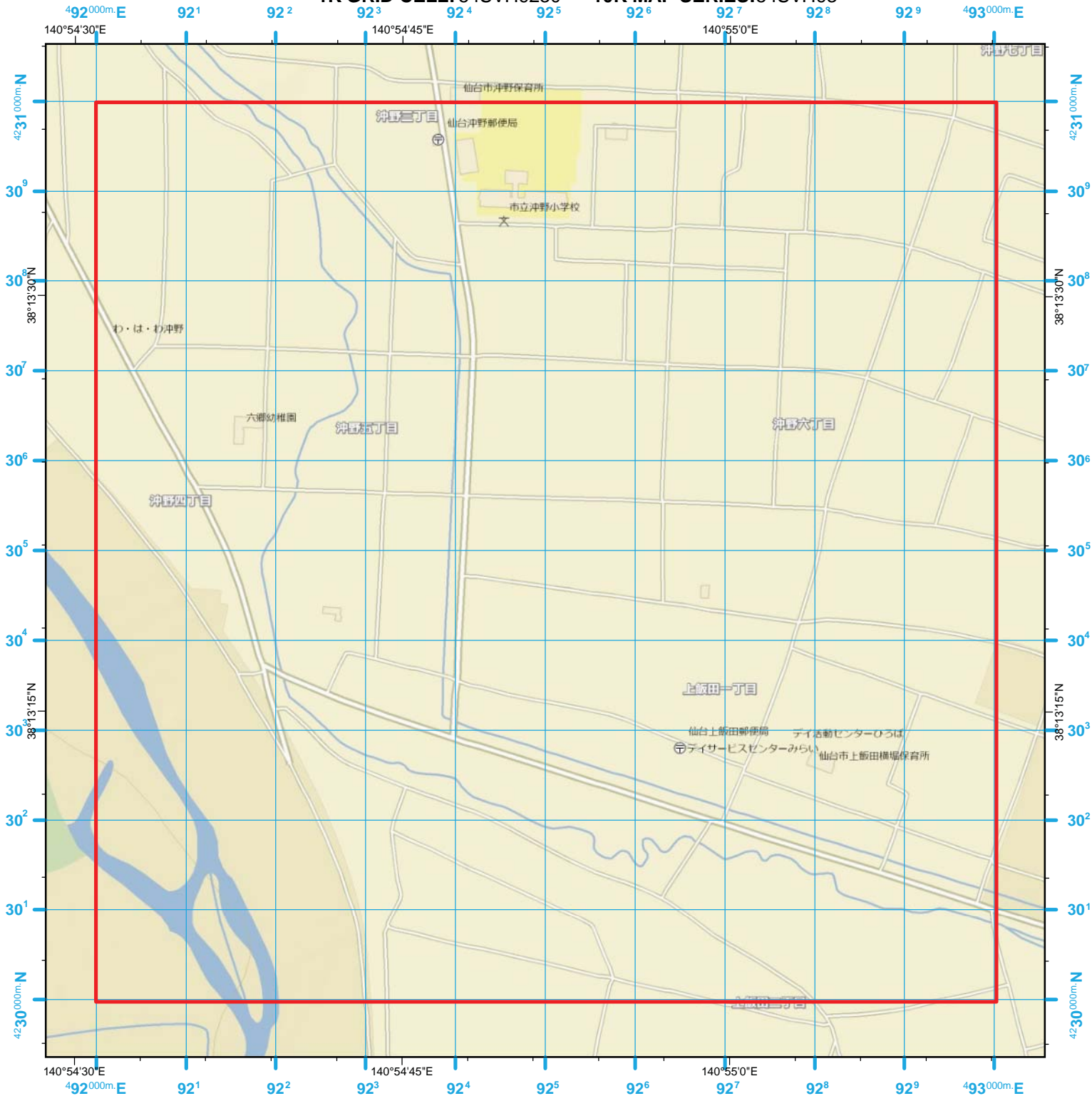
MAPSHEET 181 of 400

132	158	183	208	232
131	157	182	207	231
130	156	181	206	230
129	155	180	205	229
128	154	179	204	228

SENDAI, JAPAN

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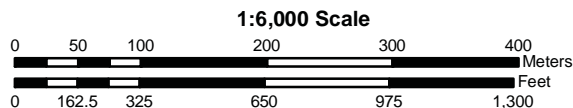
1K GRID CELL: 54SVH9230 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale

INDEX MAP

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133	159	184	209	233
132	158	183	208	232
131	157	182	207	231
130	156	181	206	230
129	155	180	205	229

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1K GRID CELL: 54SVH9231 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

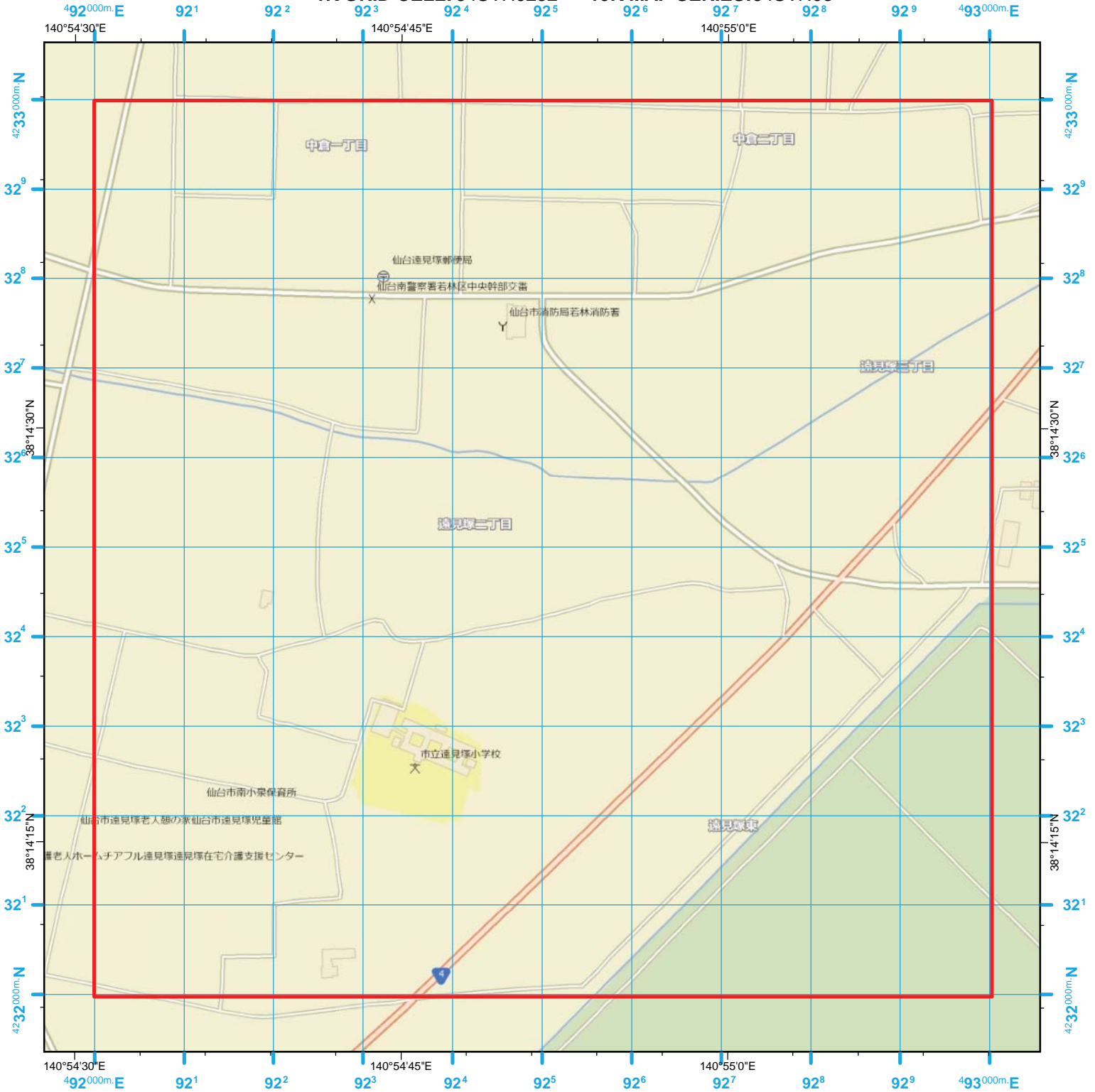
MAPSHEET 183 of 400

134	160	185	210	234
133	159	184	209	233
132	158	183	208	232
131	157	182	207	231
130	156	181	206	230

SENDAI, JAPAN

UNCLASSIFIED//FOUO

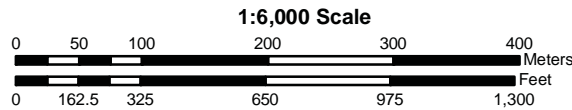
1K GRID CELL: 54SVH9232 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

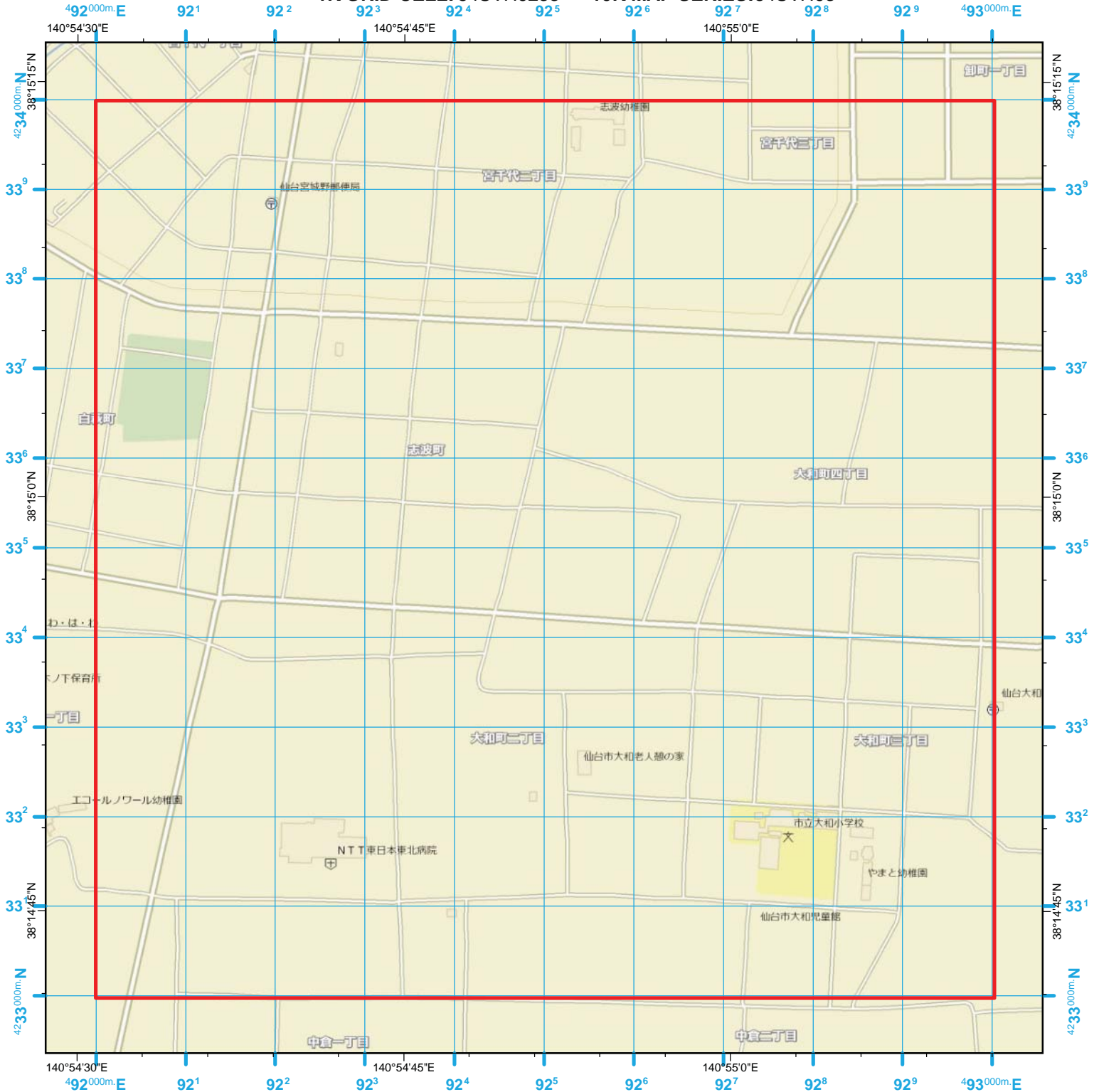
MAPSHEET 184 of 400

135	161	186	211	235
134	160	185	210	234
133	159	184	209	233
132	158	183	208	232
131	157	182	207	231

SENDAI, JAPAN

UNCLASSIFIED//FOUO

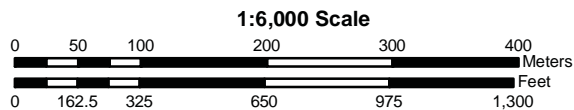
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

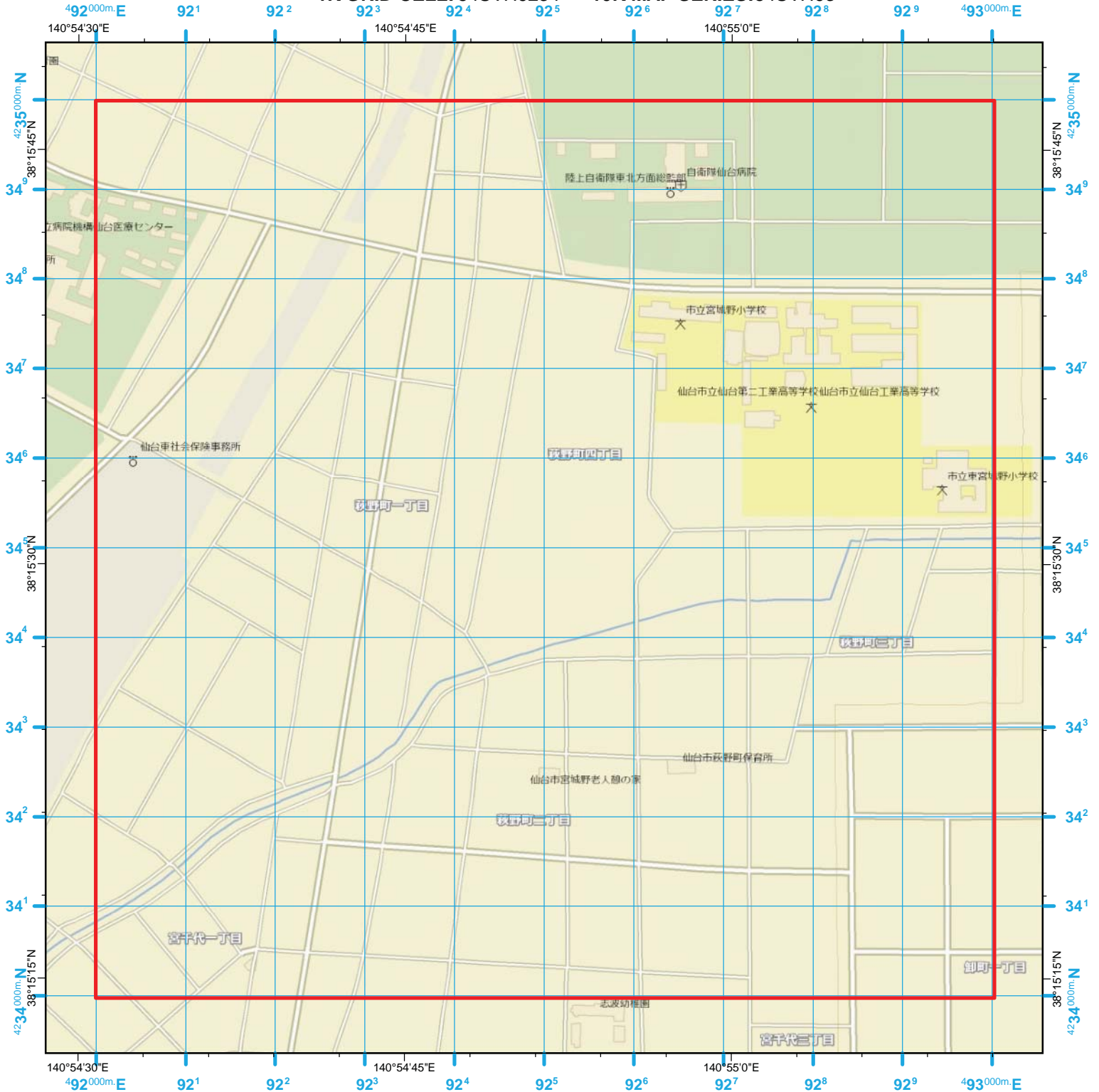
MAPSHEET 185 of 400

136	162	187	212	236
135	161	186	211	235
134	160	185	210	234
133	159	184	209	233
132	158	183	208	232

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1K GRID CELL: 54SVH9234 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



INDEX MAP

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137	163	188	213	237
136	162	187	212	236
135	161	186	211	235
134	160	185	210	234
133	159	184	209	233

SENDAI, JAPAN

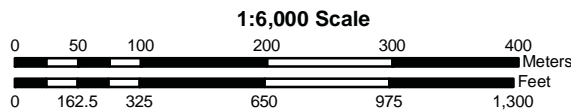
1K GRID CELL: 54SVH9235 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

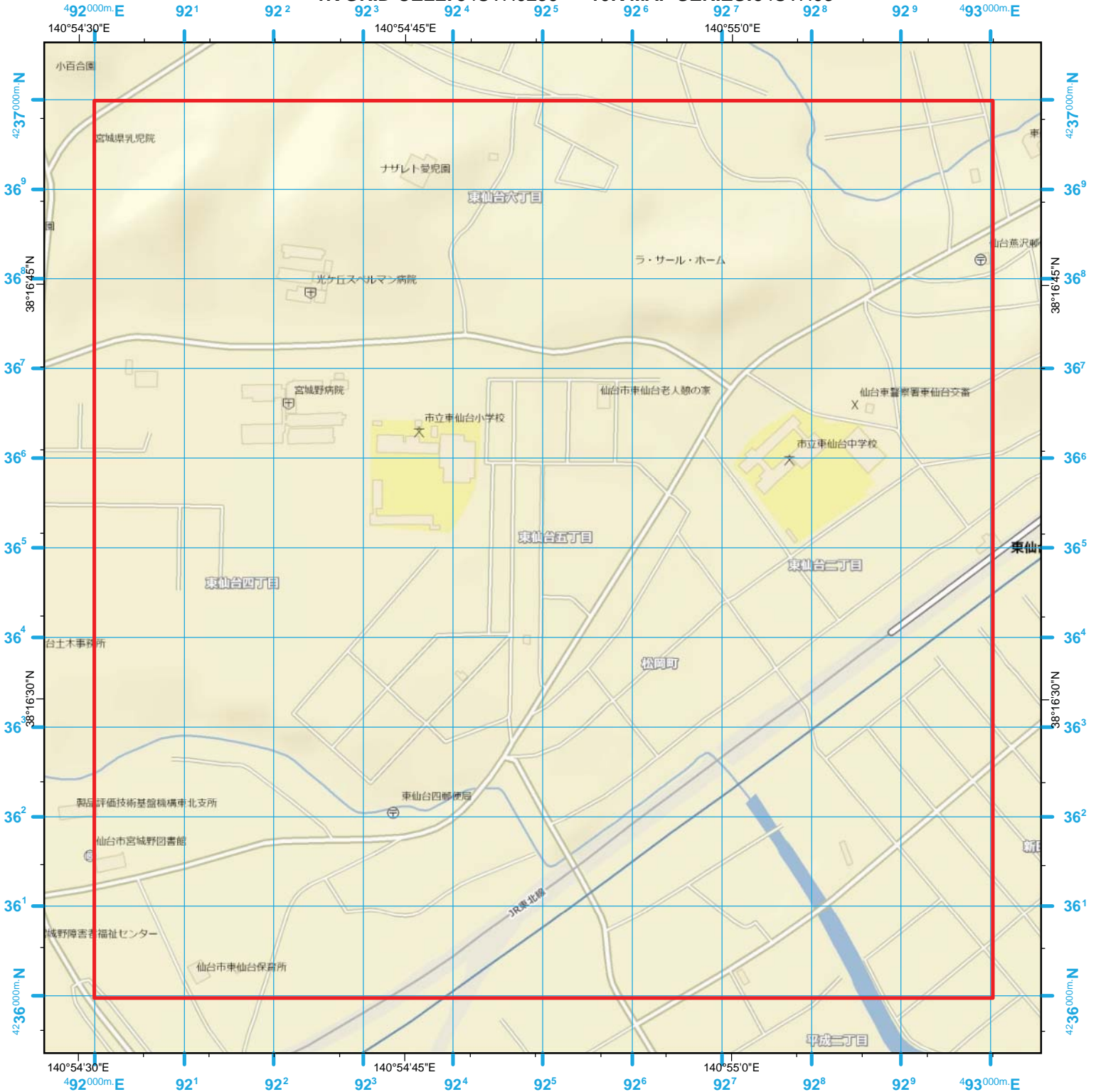
MAPSHEET 187 of 400

138	164	189	214	238
137	163	188	213	237
136	162	187	212	236
135	161	186	211	235
134	160	185	210	234

SENDAI, JAPAN

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1K GRID CELL: 54SVH9236 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

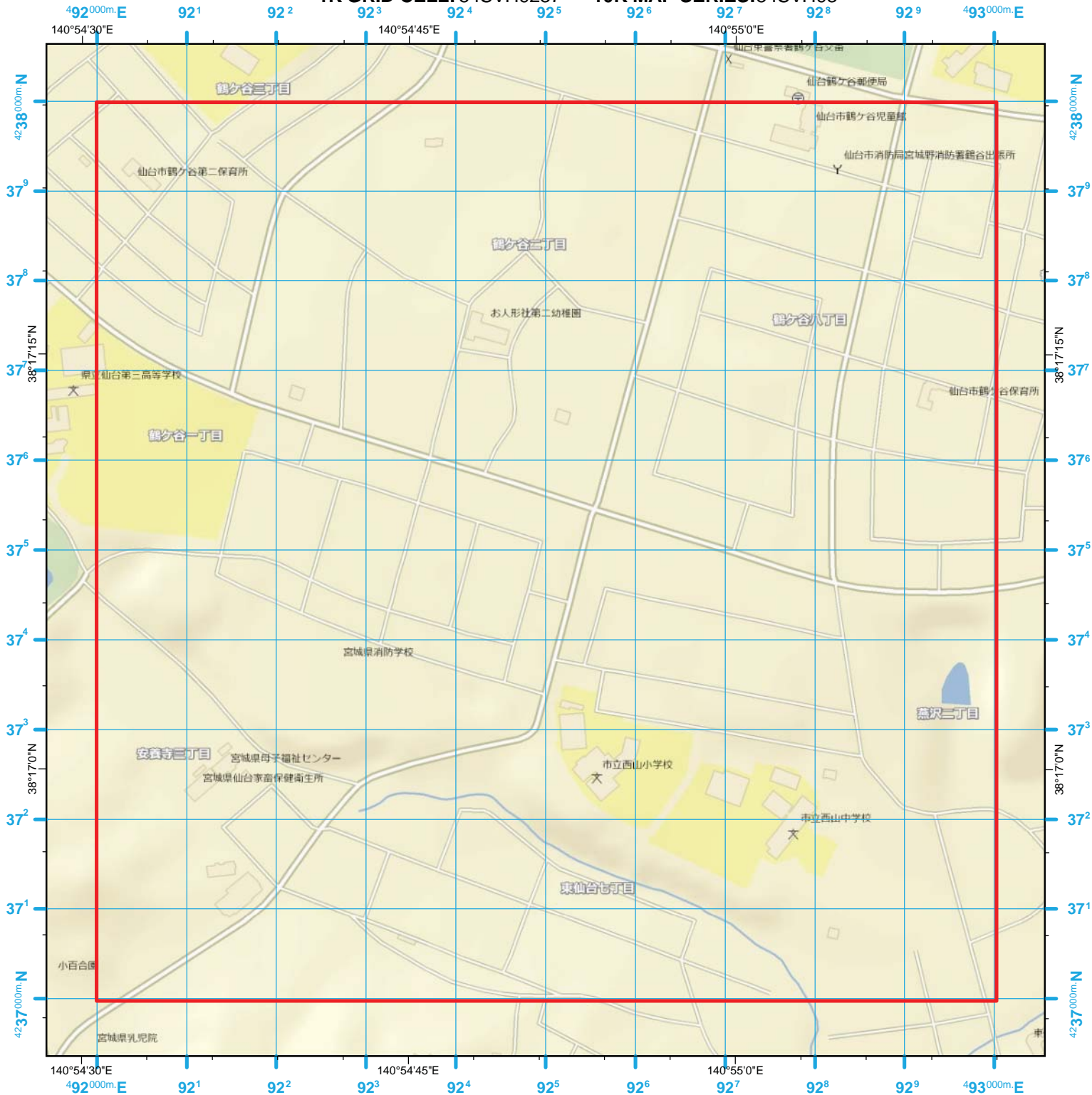
MAPSHEET 188 of 400

139	165	190	215	239
138	164	189	214	238
137	163	188	213	237
136	162	187	212	236
135	161	186	211	235

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1K GRID CELL: 54SVH9237 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

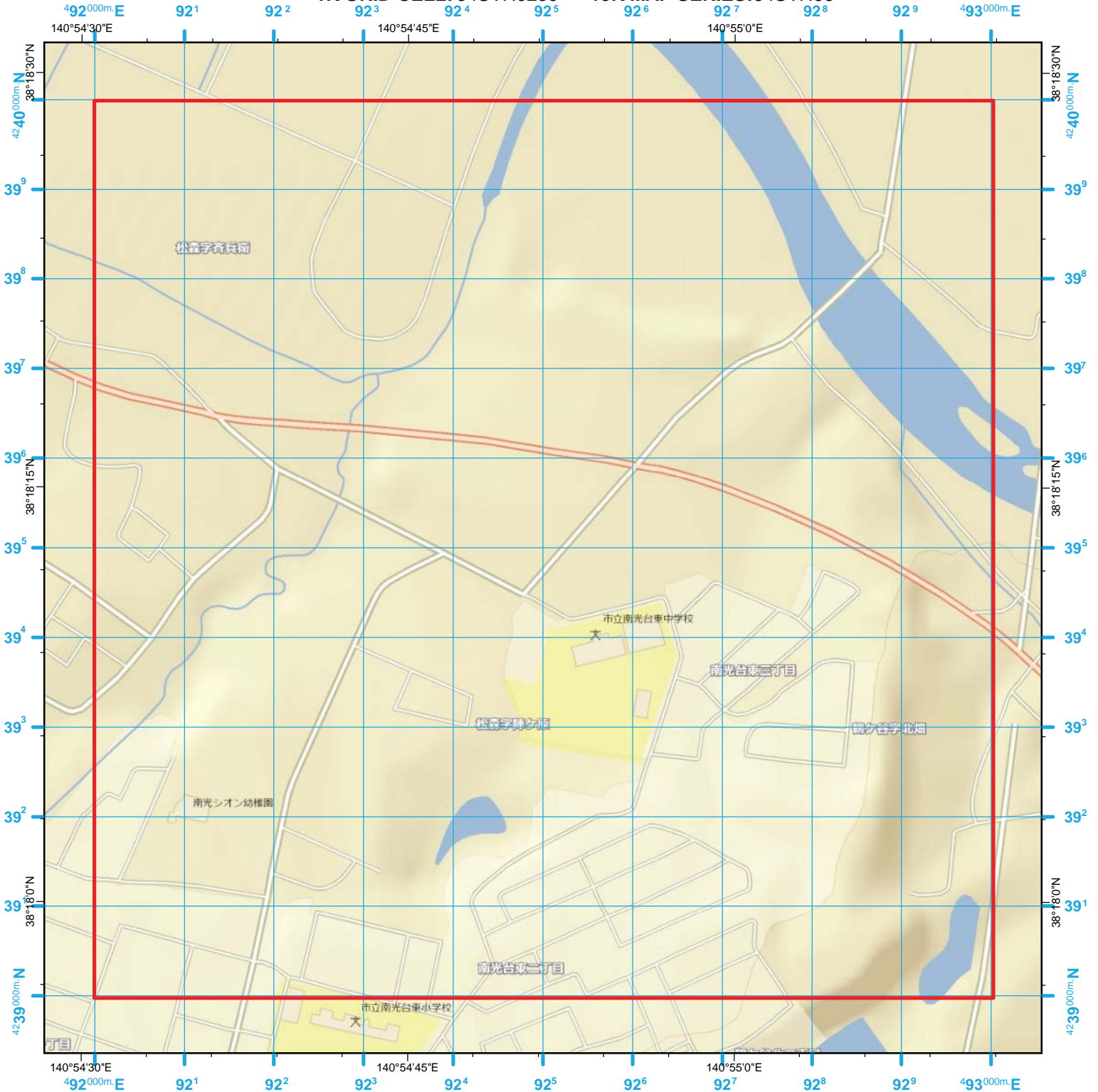


INDEX MAP MAPSHEET 189 of 400

140	166	191	216	240
139	165	190	215	239
138	164	189	214	238
137	163	188	213	237
136	162	187	212	236

SENDAI, JAPAN

1K GRID CELL: 54SVH9239 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



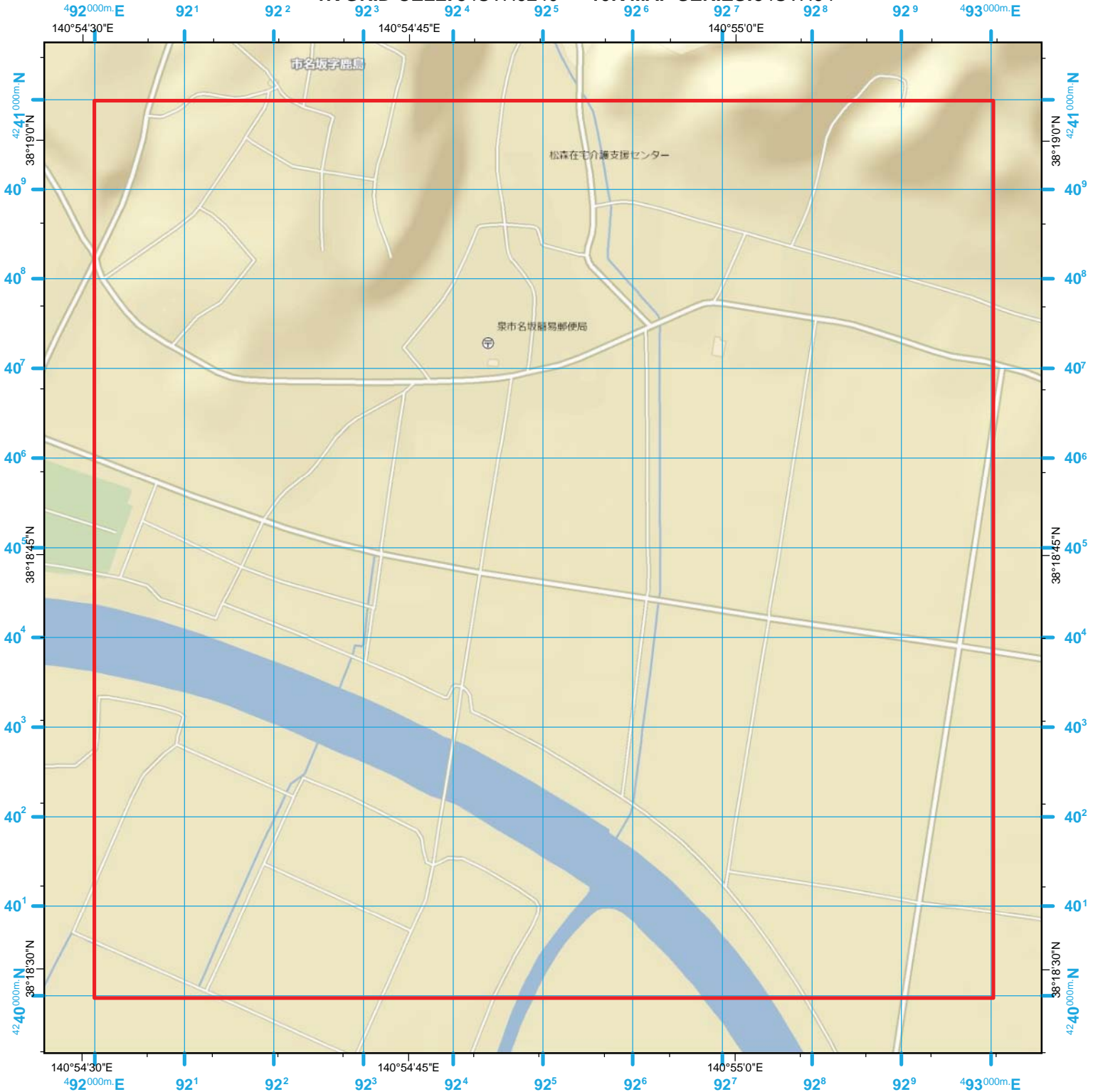
INDEX MAP

MAPSHEET 191 of 400

142	168	193	218	242
141	167	192	217	241
140	166	191	216	240
139	165	190	215	239
138	164	189	214	238

SENDAI, JAPAN

1K GRID CELL: 54SVH9240 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

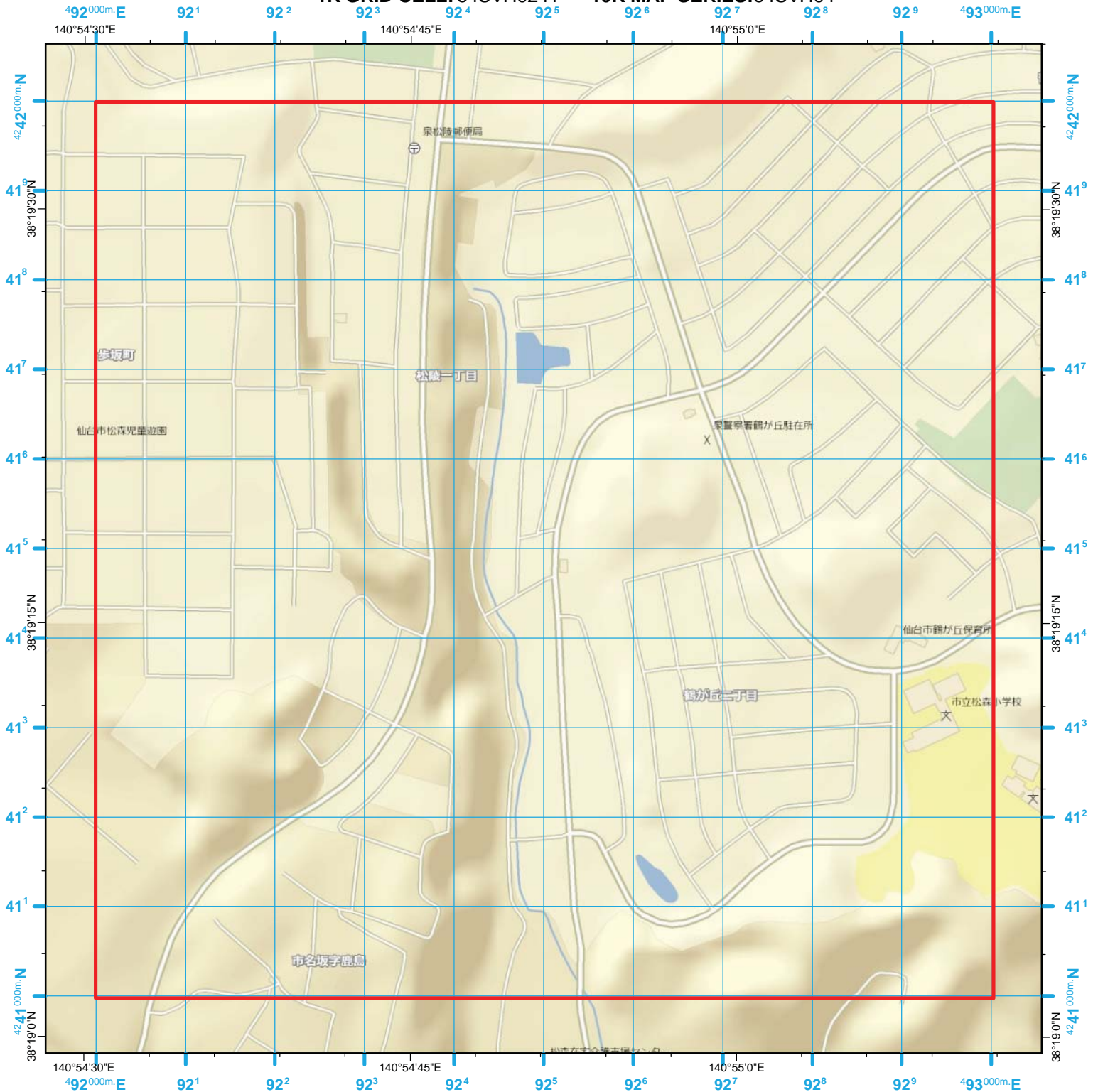
MAPSHEET 192 of 400

143	169	194	219	243
142	168	193	218	242
141	167	192	217	241
140	166	191	216	240
139	165	190	215	239

SENDAI, JAPAN

UNCLASSIFIED//FOUO

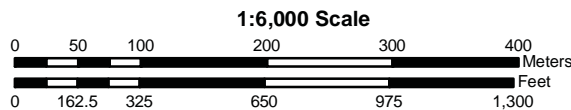
1K GRID CELL: 54SVH9241 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale

INDEX MAP

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SENDAI, JAPAN

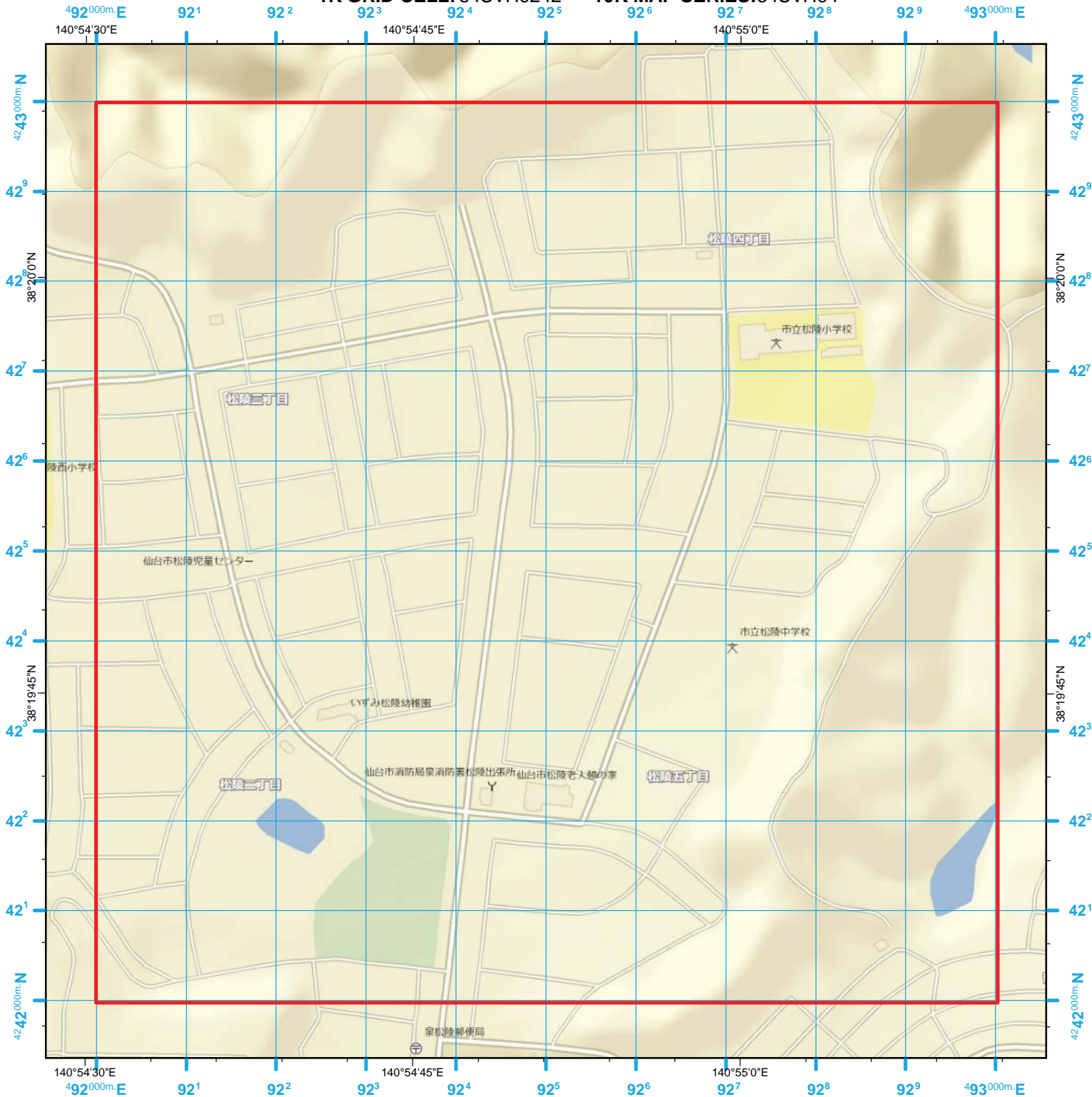


144	170	195	220	244
143	169	194	219	243
142	168	193	218	242
141	167	192	217	241
140	166	191	216	240

SENDAI, JAPAN

UNCLASSIFIED//FOUO

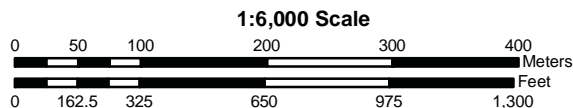
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



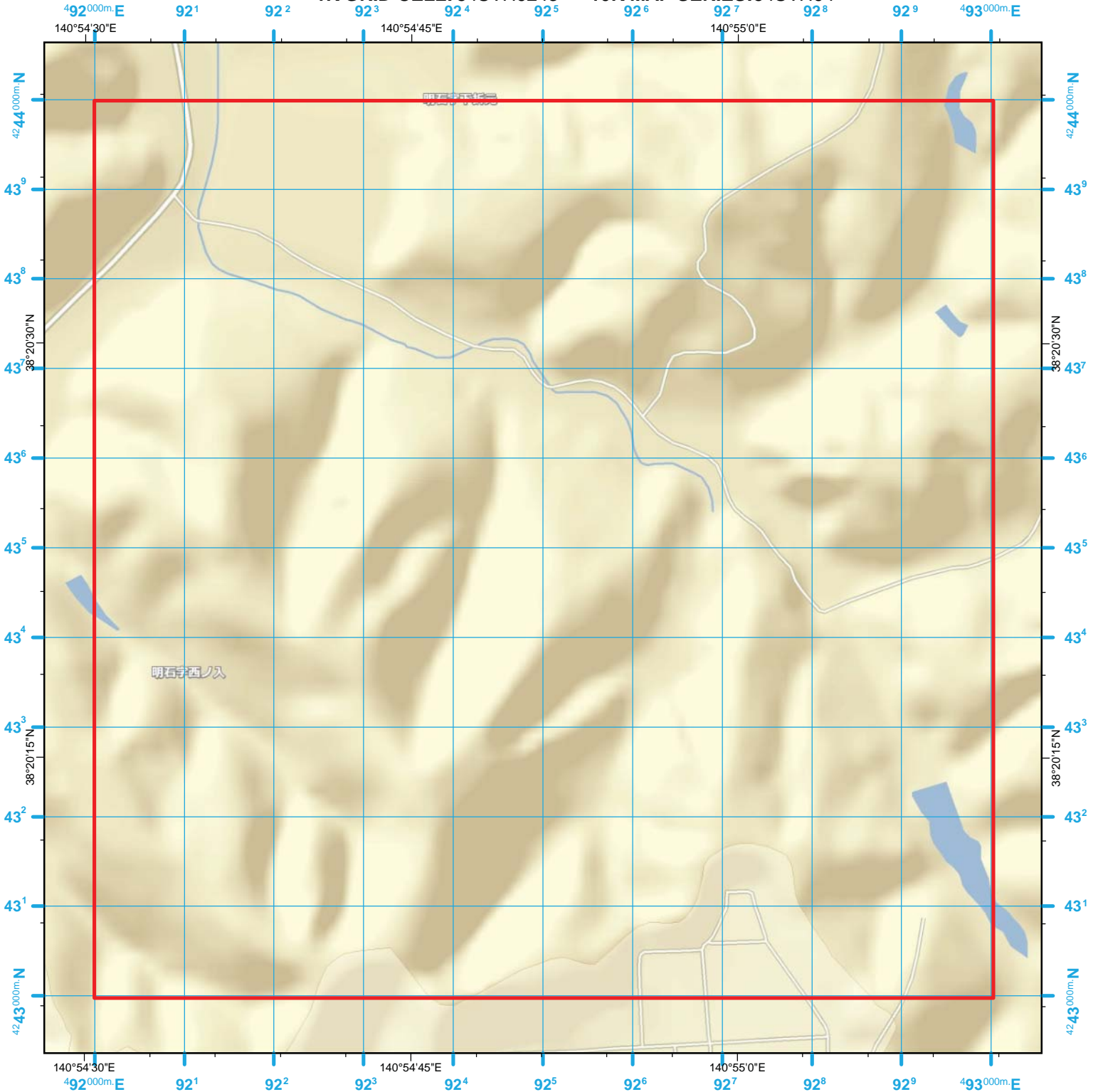
INDEX MAP

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145	171	196	221	245
144	170	195	220	244
143	169	194	219	243
142	168	193	218	242
141	167	192	217	241

SENDAI, JAPAN

1K GRID CELL: 54SVH9243 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- 🏫 School



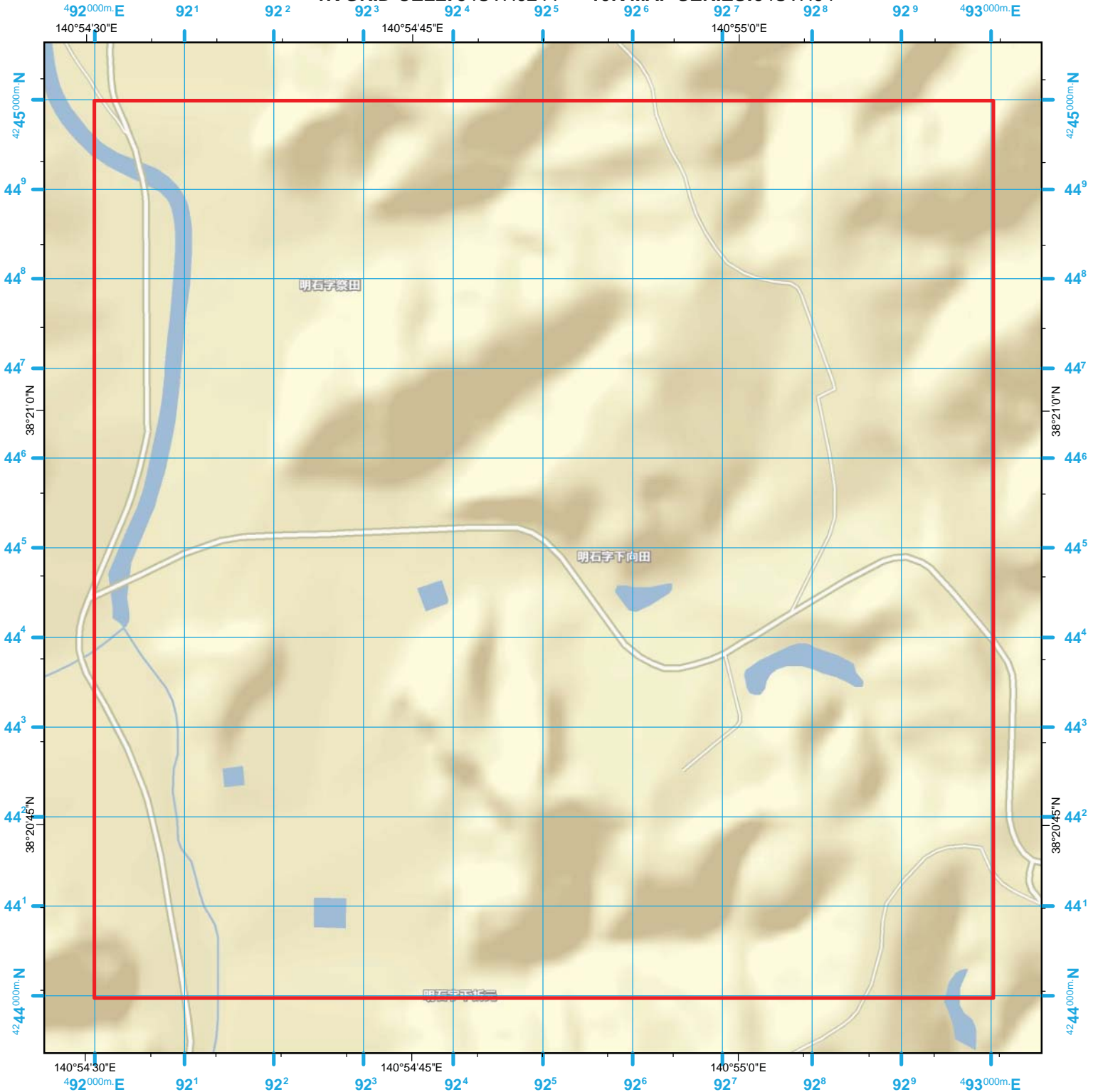
INDEX MAP

MAPSHEET 195 of 400

146	172	197	222	246
145	171	196	221	245
144	170	195	220	244
143	169	194	219	243
142	168	193	218	242

SENDAI, JAPAN

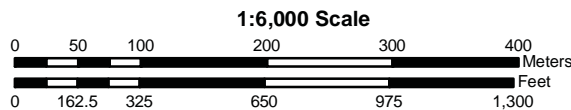
1K GRID CELL: 54SVH9244 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



INDEX MAP

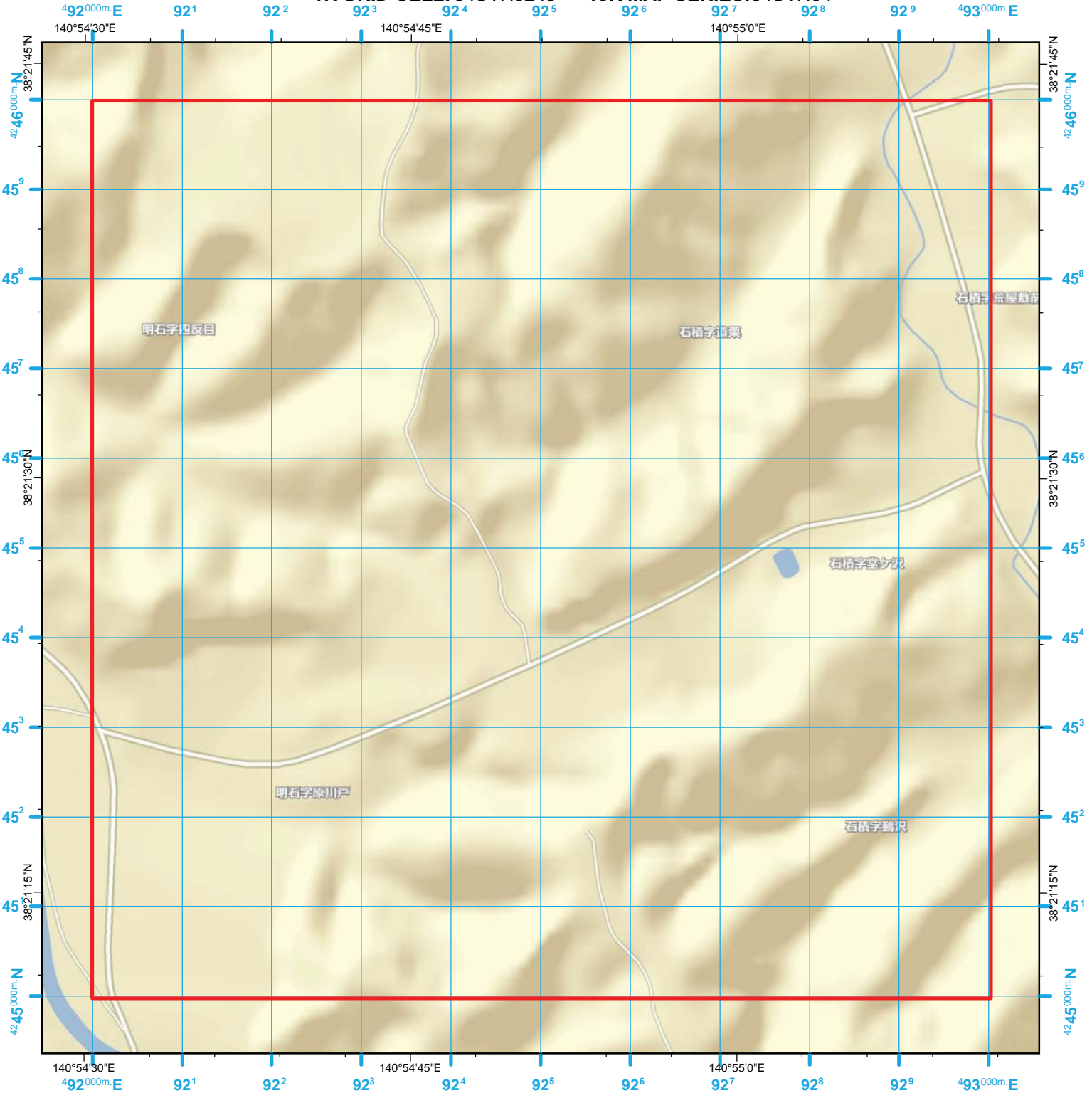
MAPSHEET 196 of 400

147	173	198	223	
146	172	197	222	246
145	171	196	221	245
144	170	195	220	244
143	169	194	219	243

SENDAI, JAPAN

UNCLASSIFIED//FOUO

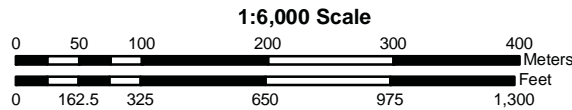
1K GRID CELL: 54SVH9245 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

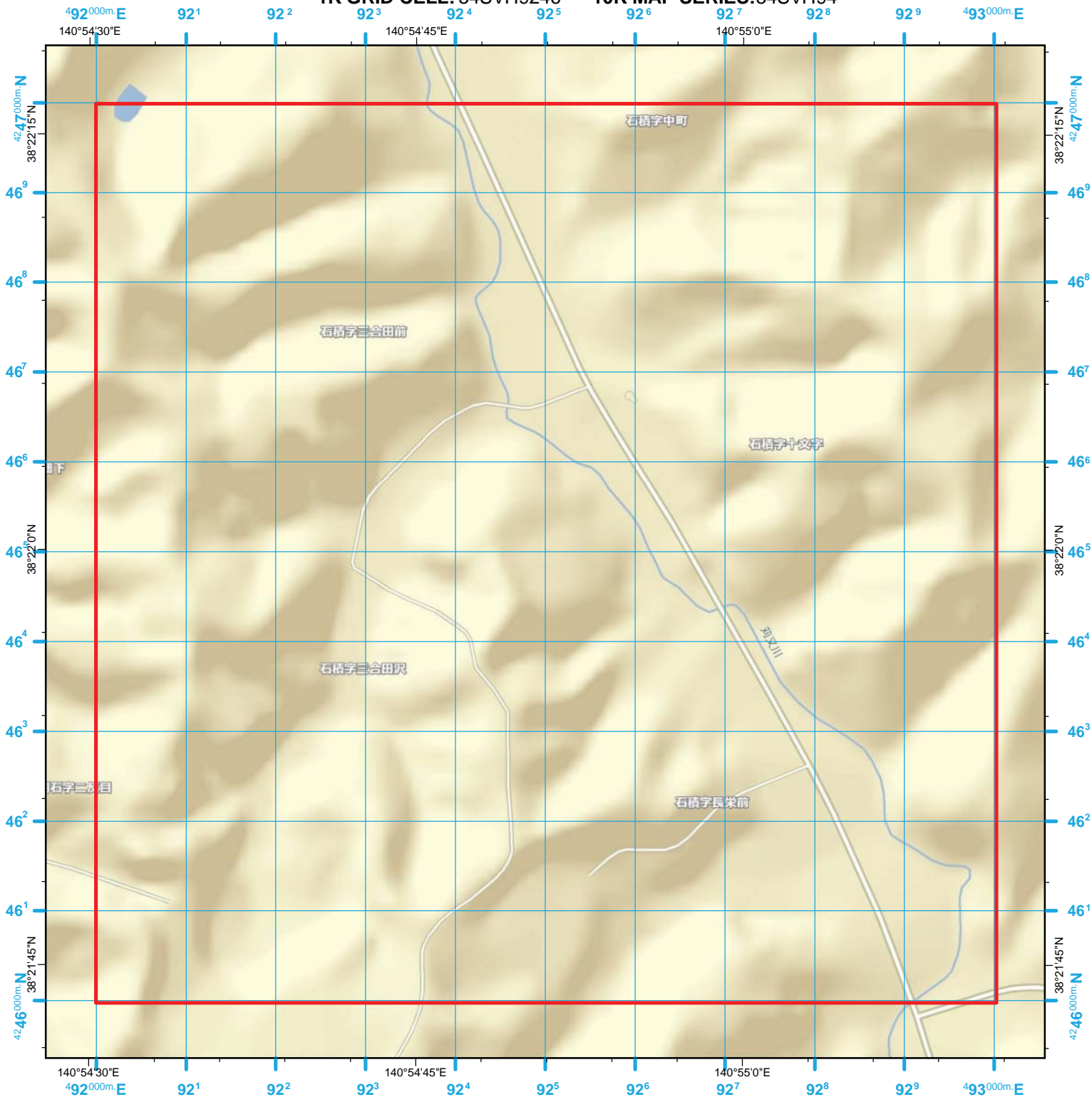
MAPSHEET 197 of 400

148	174	199		
147	173	198	223	
146	172	197	222	246
145	171	196	221	245
144	170	195	220	244

SENDAI, JAPAN

UNCLASSIFIED//FOUO

1K GRID CELL: 54SVH9246 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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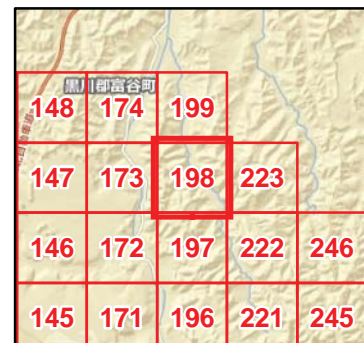
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



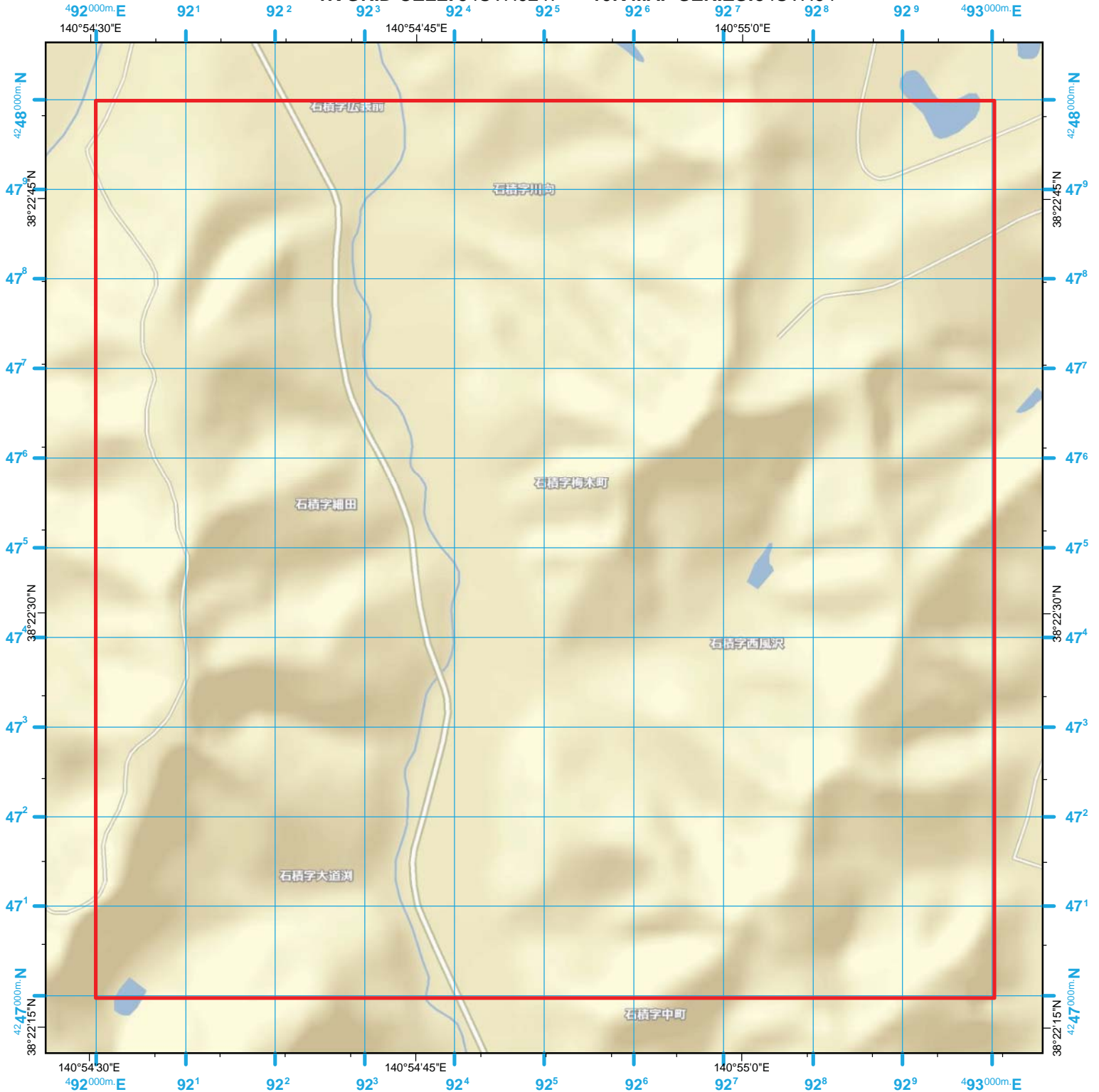
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SENDAI, JAPAN

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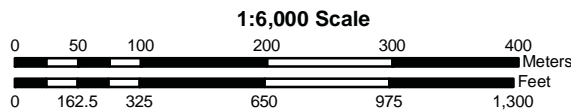
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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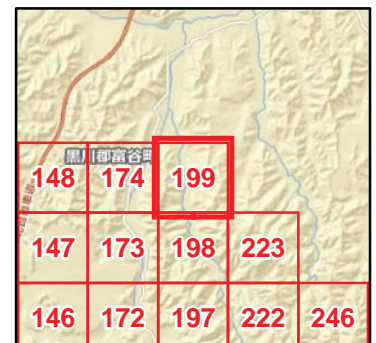
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

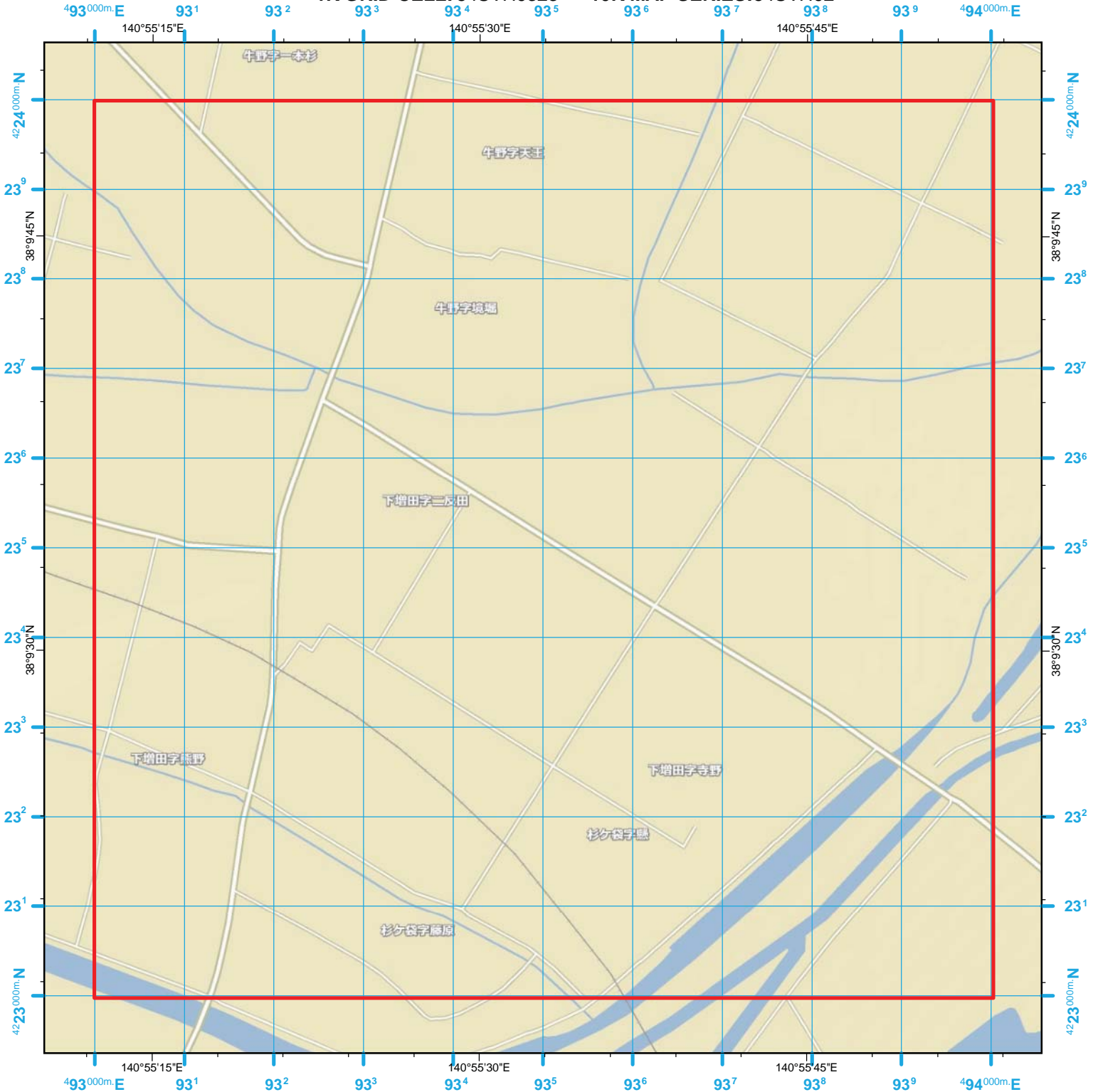


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SENDAI, JAPAN

1K GRID CELL: 54SVH9323 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation

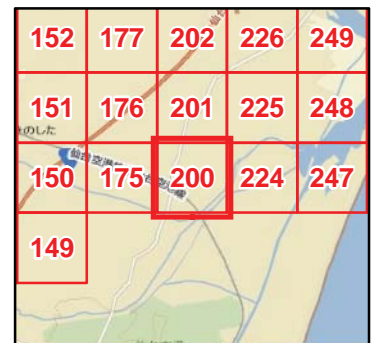


- Search Grid
- H Hospital
- P Police
- S School



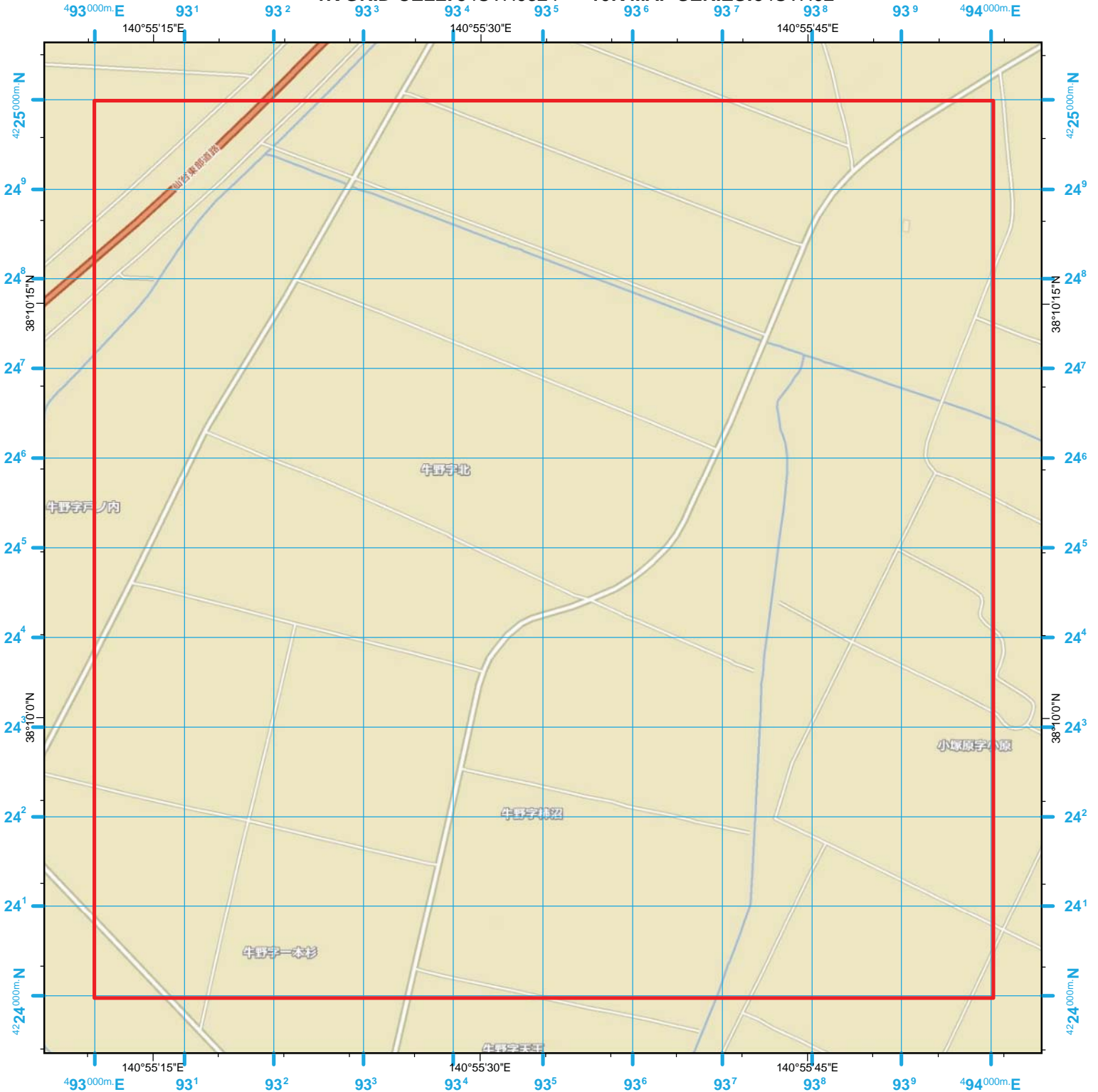
INDEX MAP

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SENDAI, JAPAN

1K GRID CELL: 54SVH9324 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



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- H Hospital
- P Police
- School



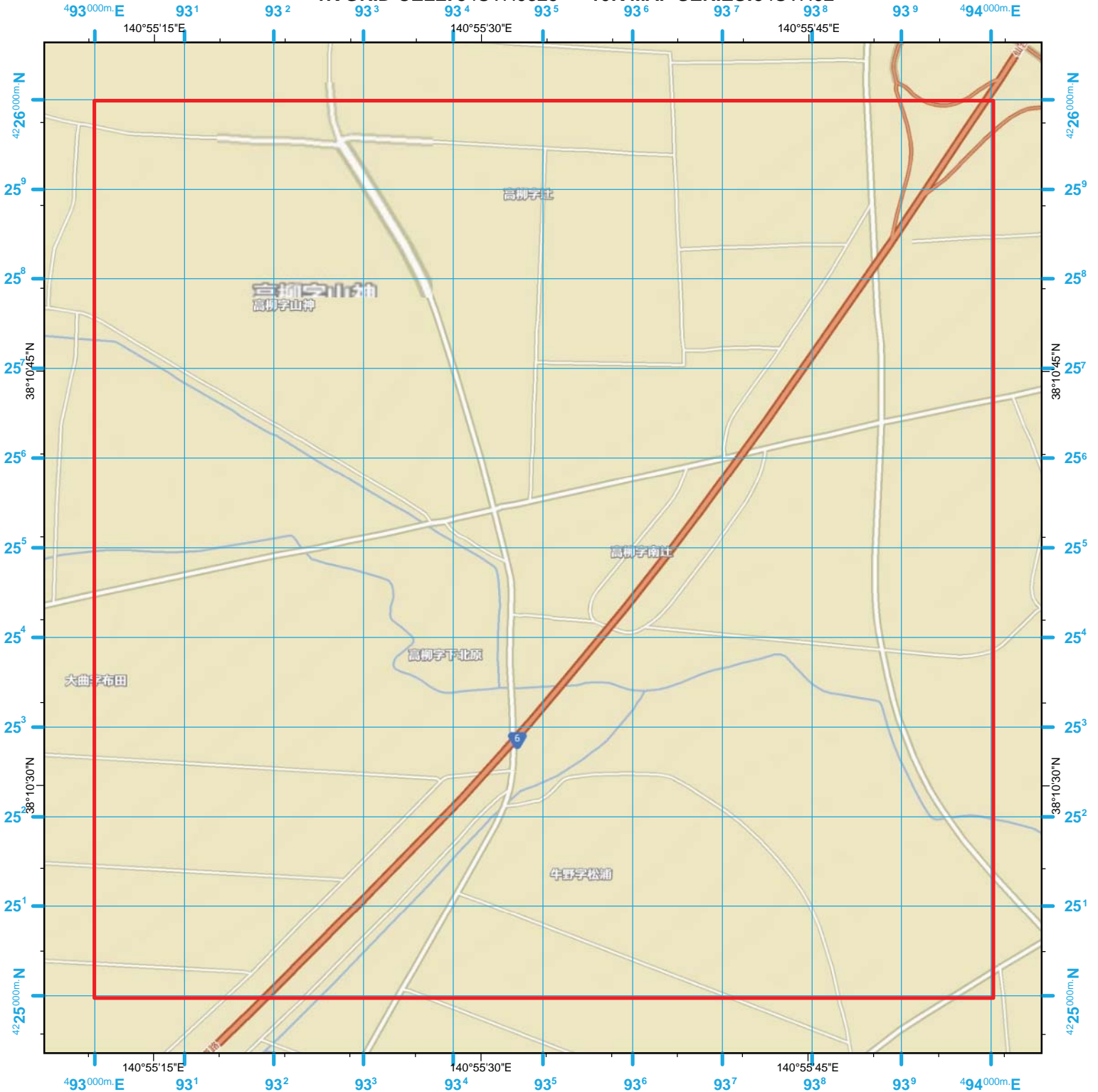
INDEX MAP

MAPSHEET 201 of 400

153	178	203	227	250
152	177	202	226	249
151	176	201	225	248
150	175	200	224	247
149				

SENDAI, JAPAN

1K GRID CELL: 54SVH9325 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



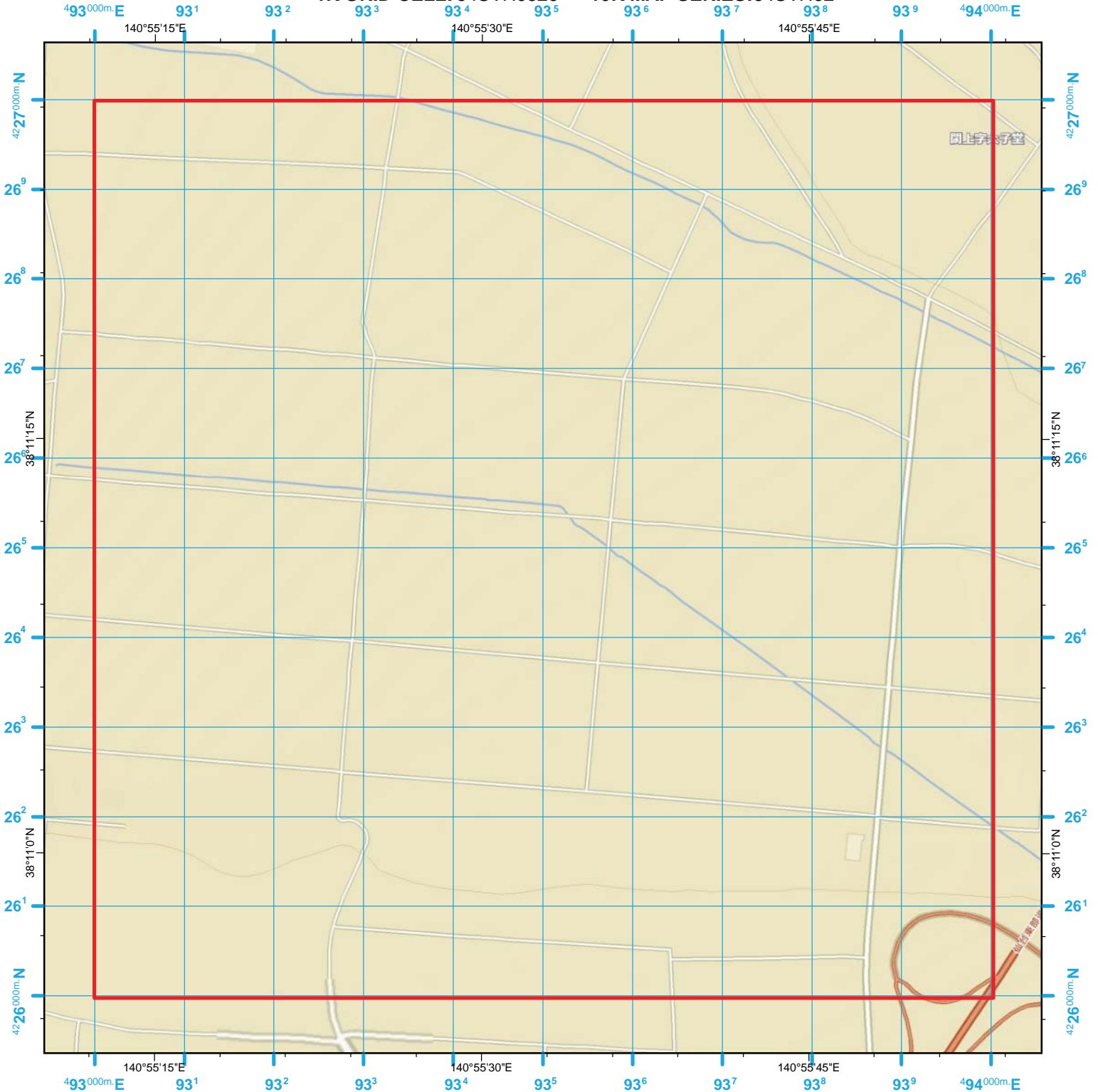
INDEX MAP

MAPSHEET 202 of 400

154	179	204	228	251
153	178	203	227	250
152	177	202	226	249
151	176	201	225	248
150	175	200	224	247

SENDAI, JAPAN

1K GRID CELL: 54SVH9326 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

*Not to be used for navigation.
 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



INDEX MAP

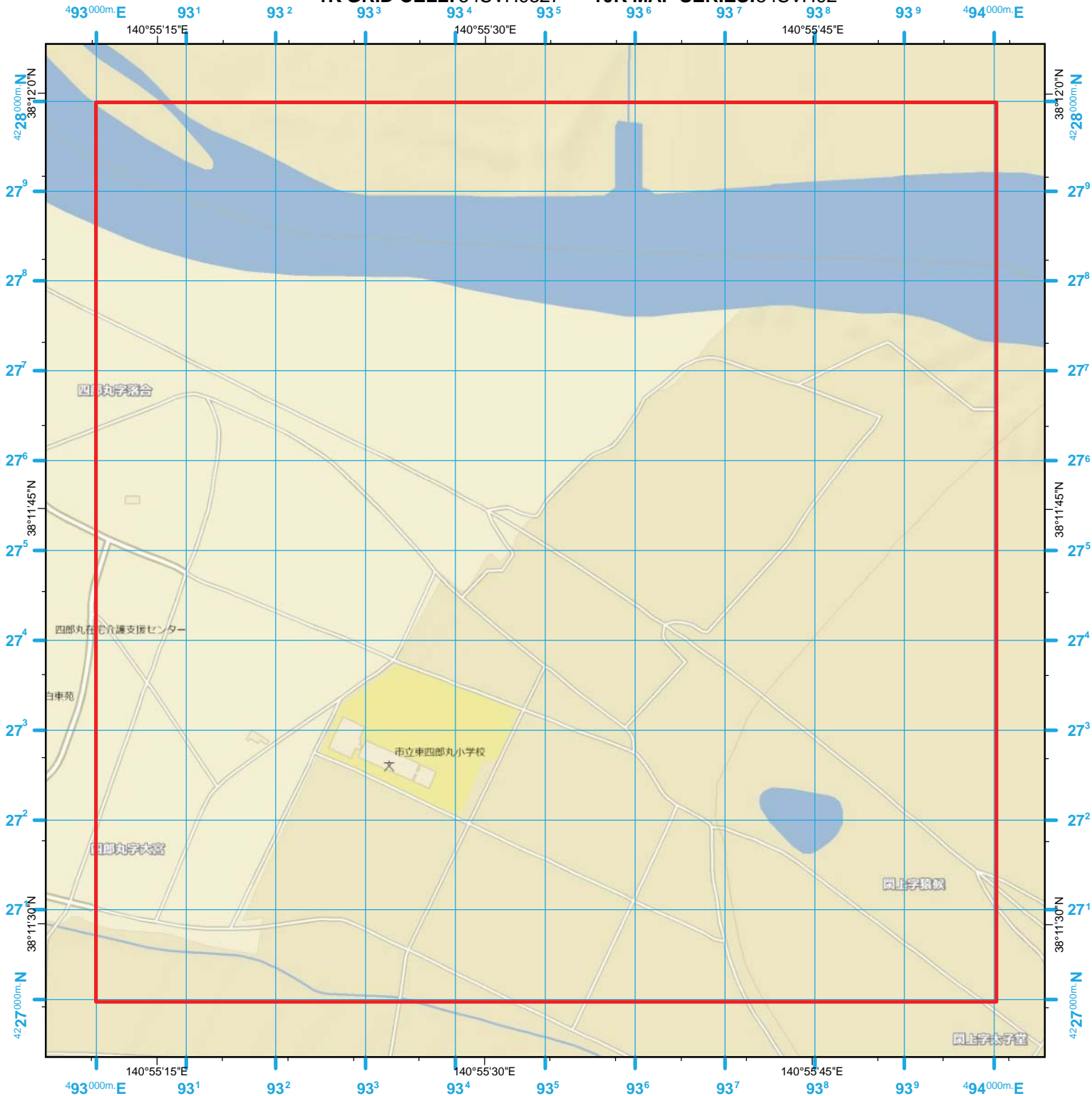
MAPSHEET 203 of 400

155	180	205	229	252
154	179	204	228	251
153	178	203	227	250
152	177	202	226	249
151	176	201	225	248

SENDAI, JAPAN

UNCLASSIFIED//FOUO

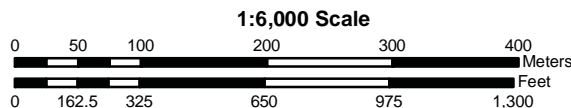
1K GRID CELL: 54SVH9327 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



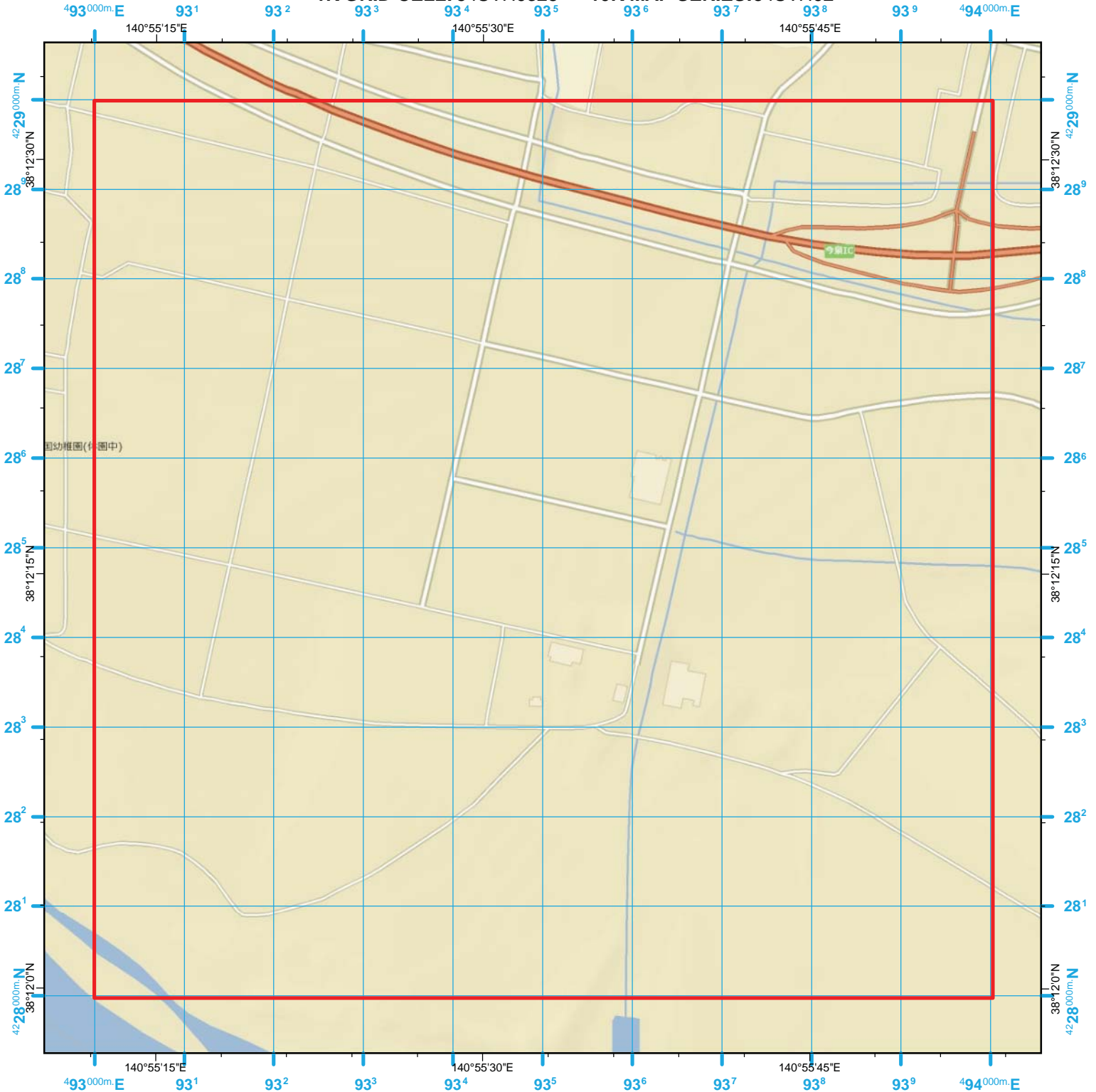
INDEX MAP MAPSHEET 204 of 400

156	181	206	230	253
155	180	205	229	252
154	179	204	228	251
153	178	203	227	250
152	177	202	226	249

SENDAI, JAPAN

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1K GRID CELL: 54SVH9328 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

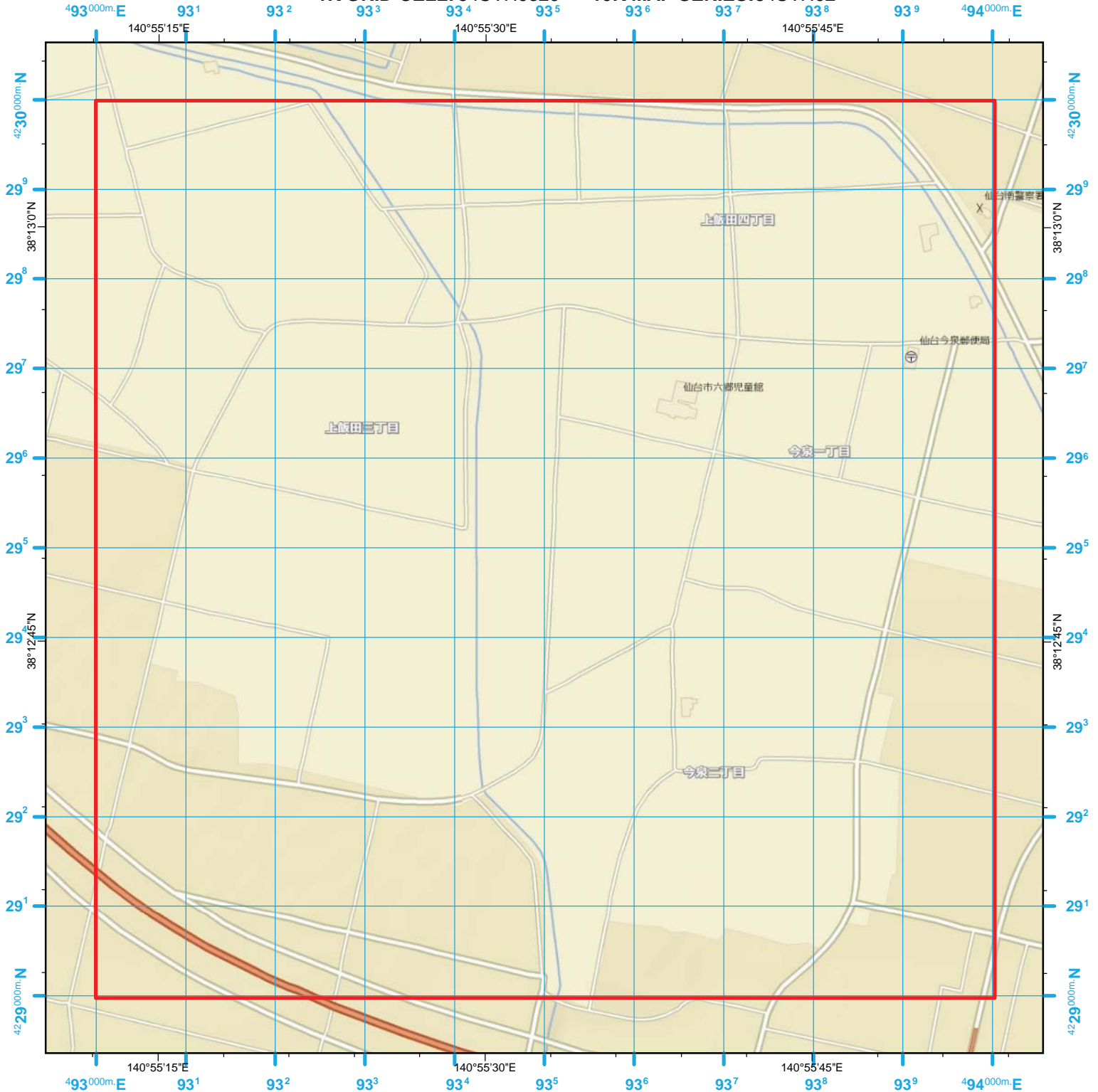
MAPSHEET 205 of 400

157	182	207	231	254
156	181	206	230	253
155	180	205	229	252
154	179	204	228	251
153	178	203	227	250

SENDAI, JAPAN

UNCLASSIFIED//FOUO

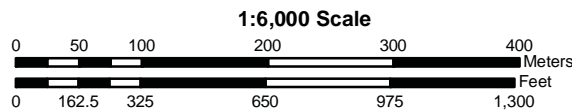
1K GRID CELL: 54SVH9329 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

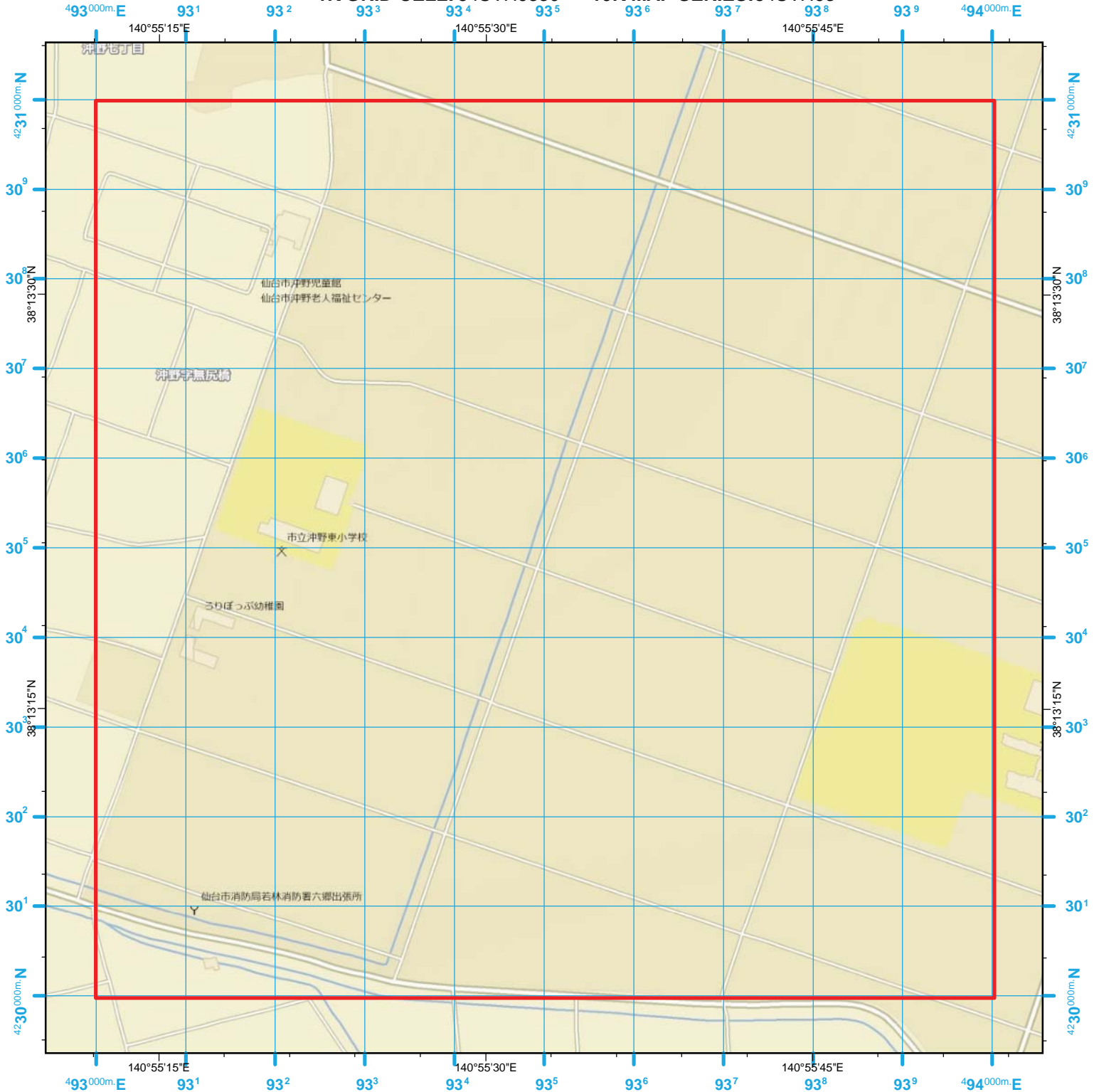
MAPSHEET 206 of 400

158	183	208	232	255
157	182	207	231	254
156	181	206	230	253
155	180	205	229	252
154	179	204	228	251

SENDAI, JAPAN

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1K GRID CELL: 54SVH9330 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

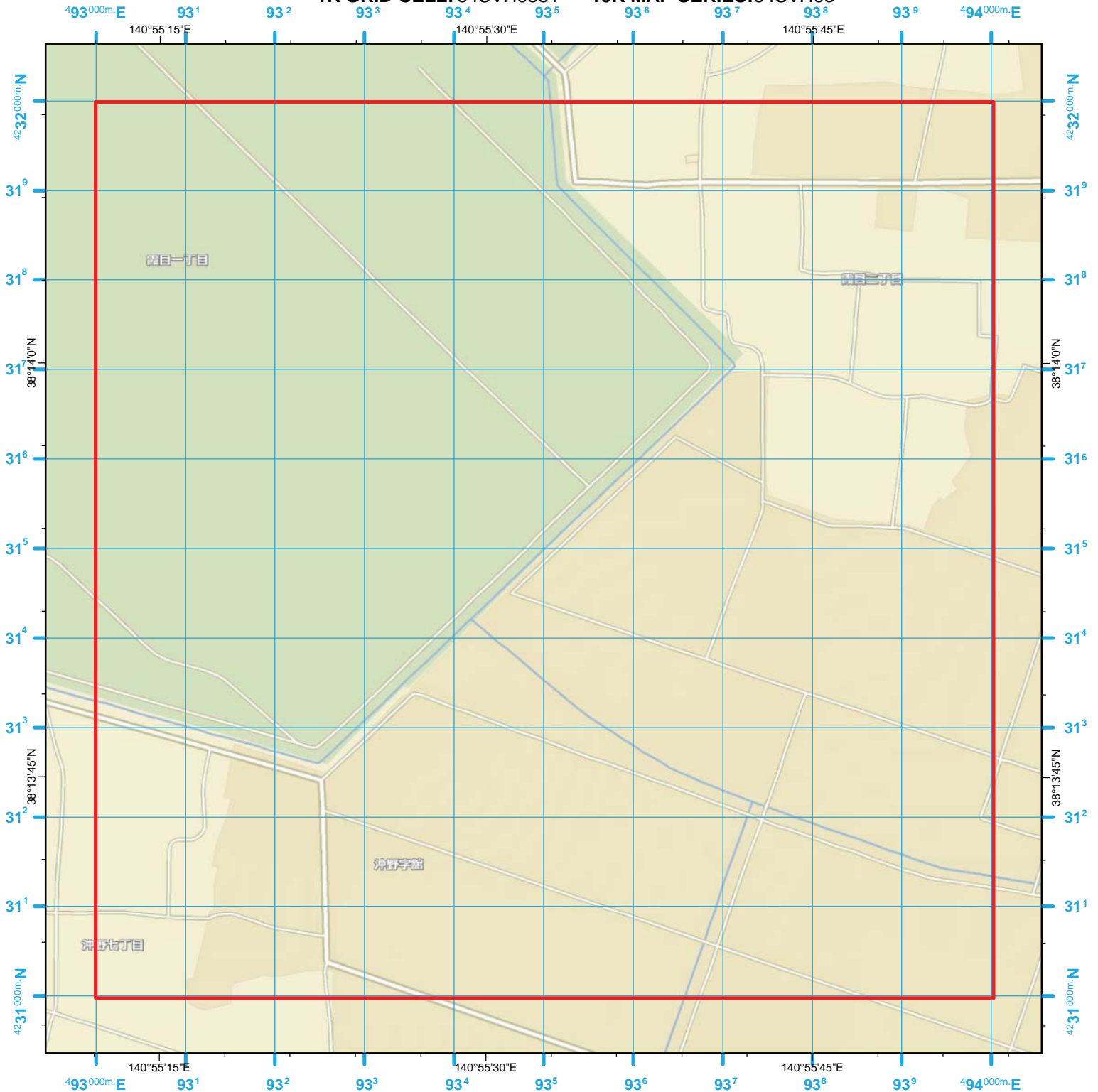
MAPSHEET 207 of 400

159	184	209	233	256
158	183	208	232	255
157	182	207	231	254
156	181	206	230	253
155	180	205	229	252

SENDAI, JAPAN

UNCLASSIFIED//FOUO

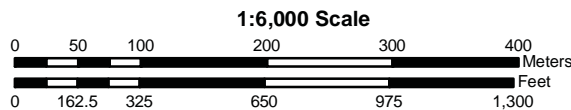
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

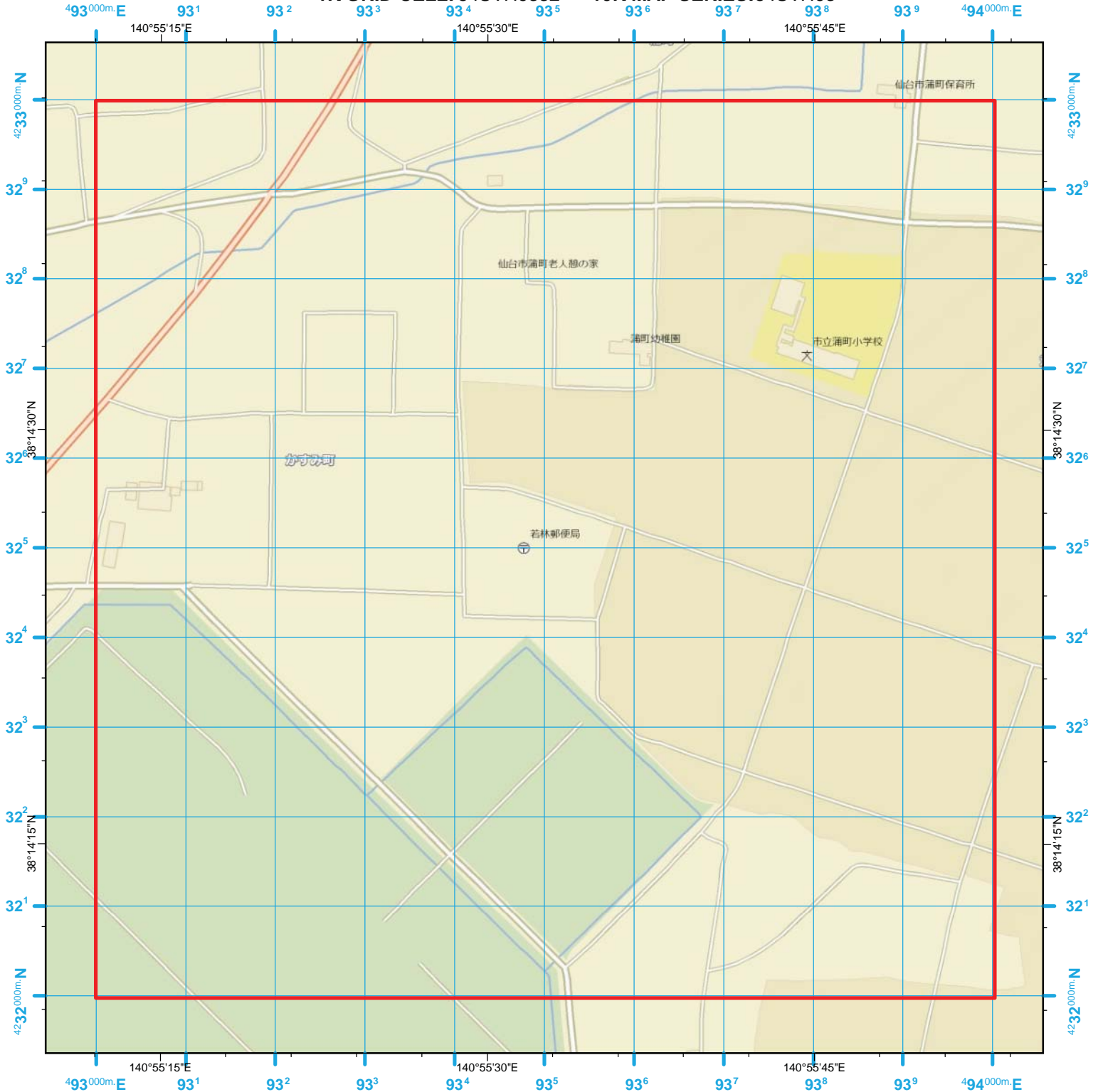
MAPSHEET 208 of 400

160	185	210	234	257
159	184	209	233	256
158	183	208	232	255
157	182	207	231	254
156	181	206	230	253

SENDAI, JAPAN

UNCLASSIFIED//FOUO

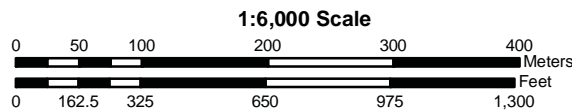
1K GRID CELL: 54SVH9332 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



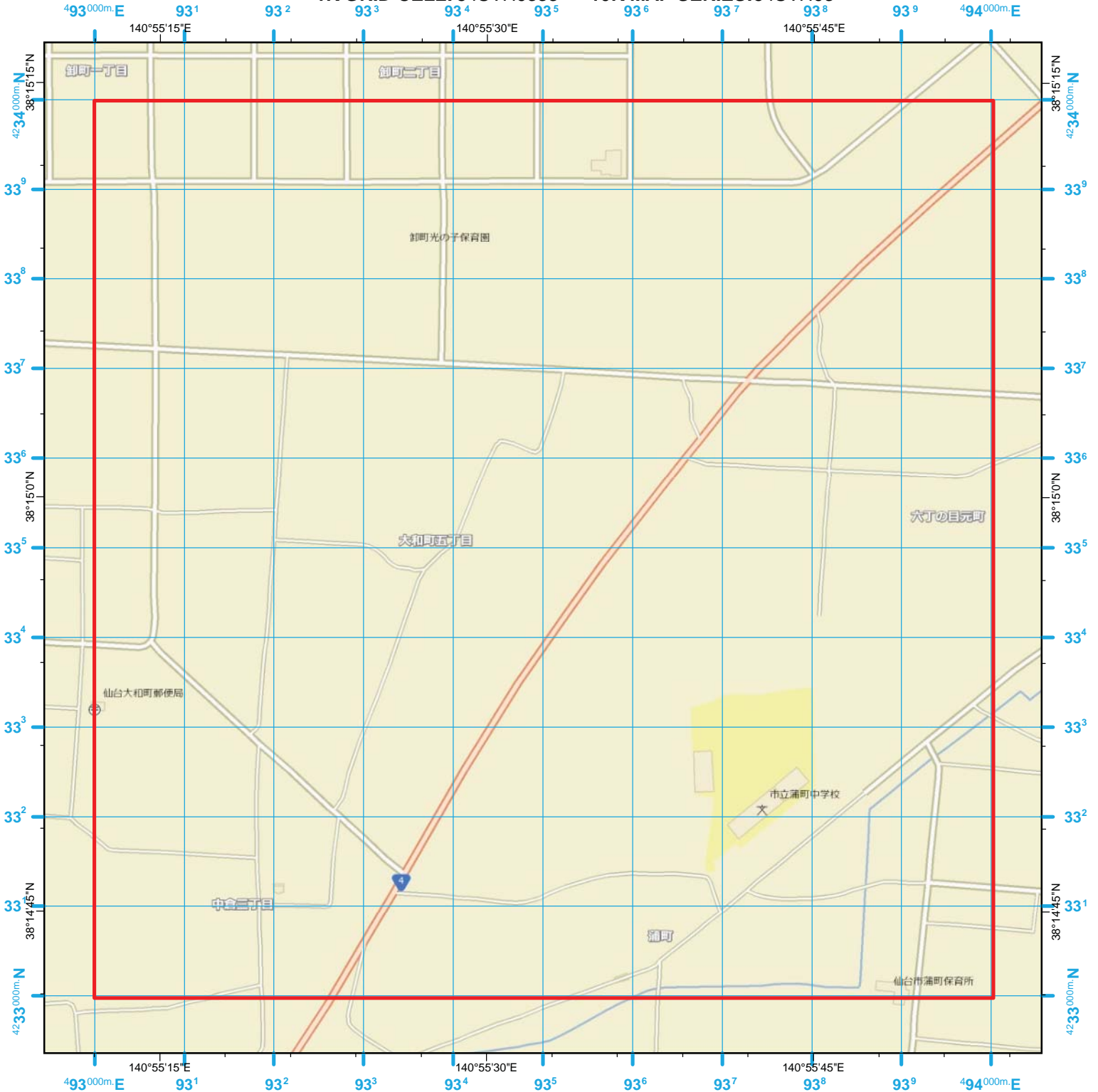
INDEX MAP

MAPSHEET 209 of 400

161	186	211	235	258
160	185	210	234	257
159	184	209	233	256
158	183	208	232	255
157	182	207	231	254

SENDAI, JAPAN

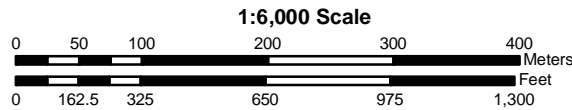
1K GRID CELL: 54SVH9333 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

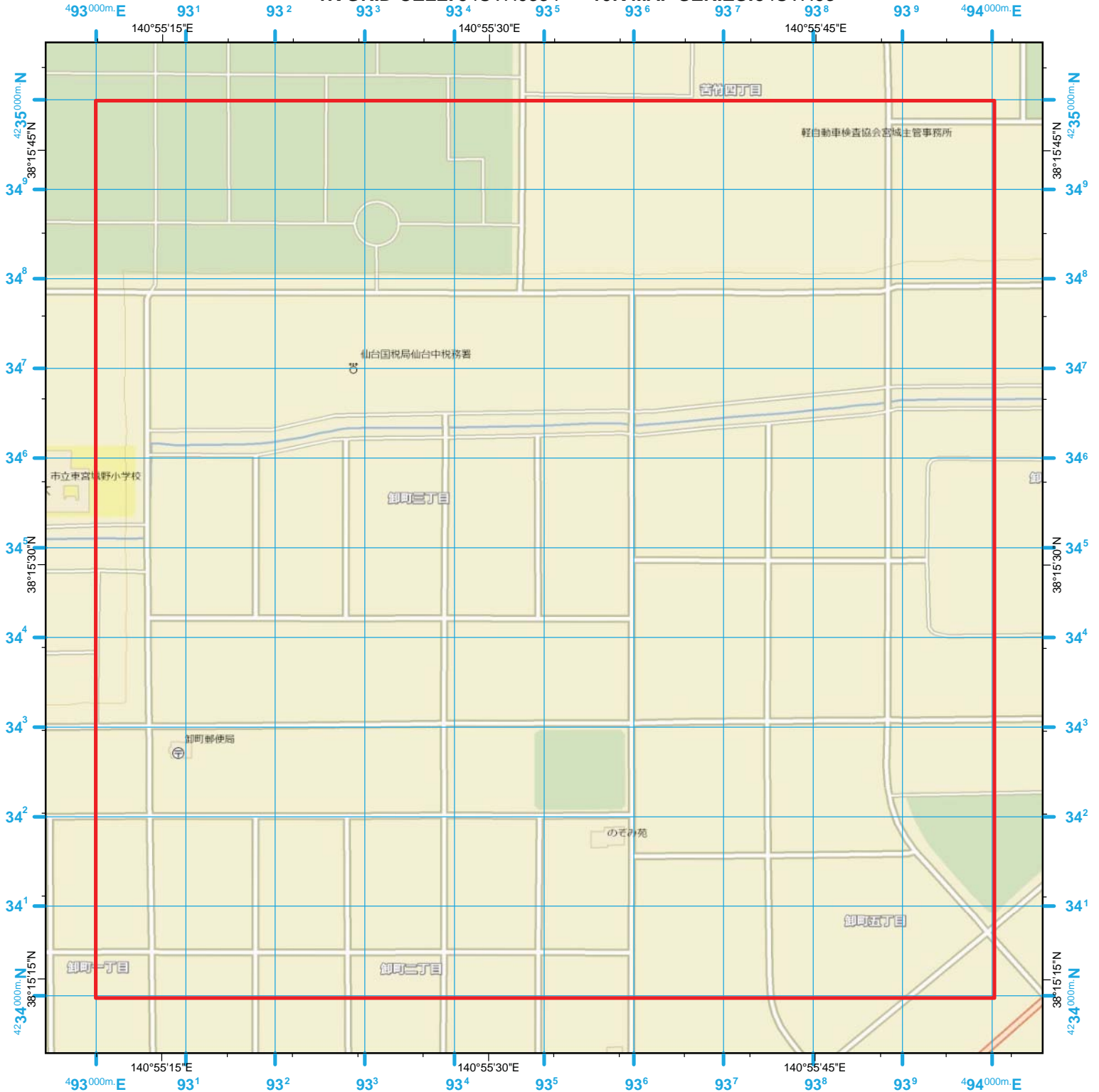
MAPSHEET 210 of 400

162	187	212	236	259
161	186	211	235	258
160	185	210	234	257
159	184	209	233	256
158	183	208	232	255

SENDAI, JAPAN

UNCLASSIFIED//FOUO

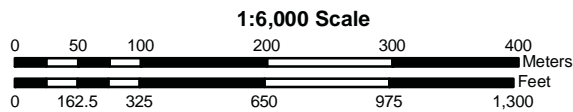
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1000-m cell, 100-m grid, MGRS
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 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



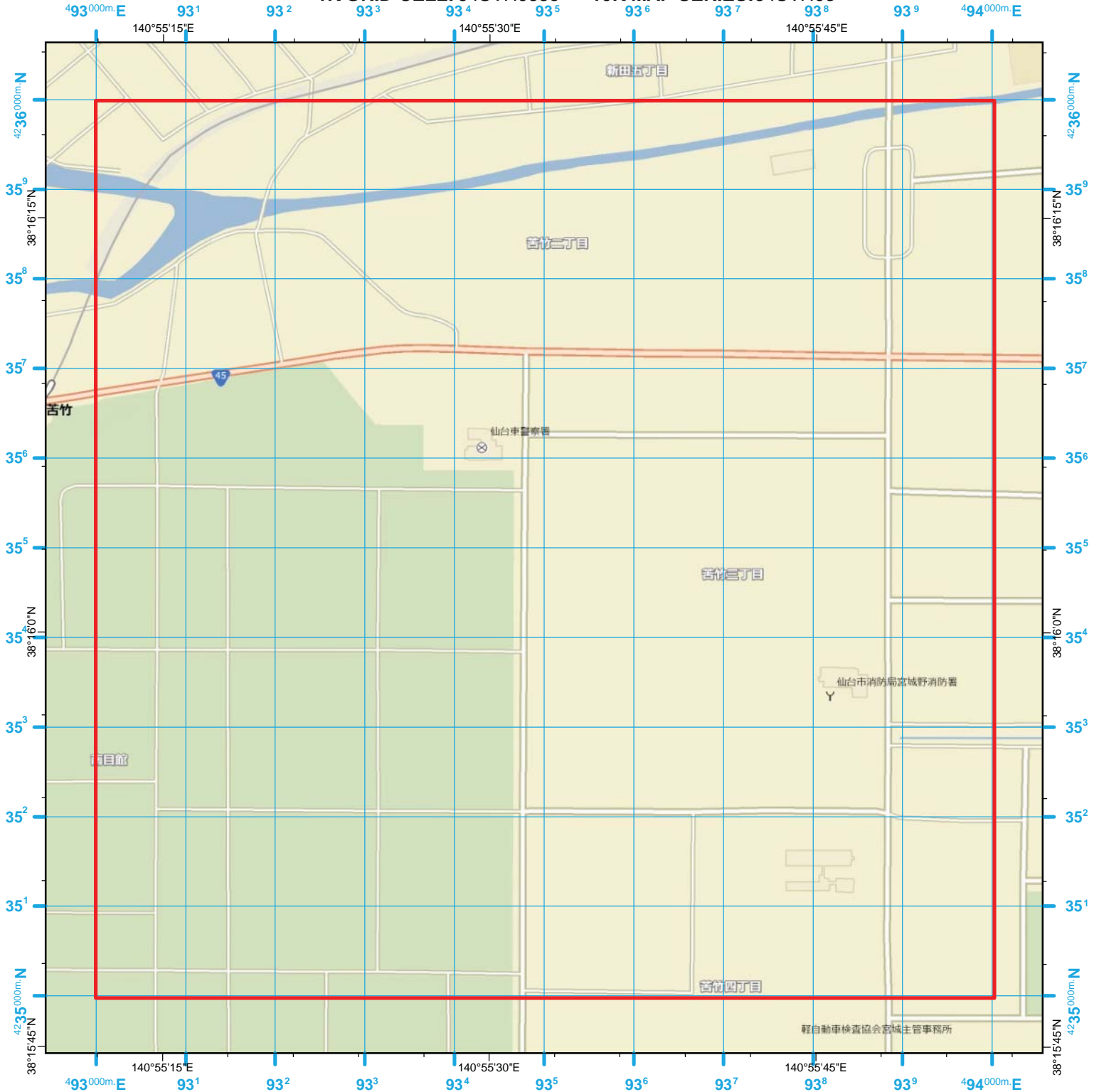
INDEX MAP

MAPSHEET 211 of 400

163	188	213	237	260
162	187	212	236	259
161	186	211	235	258
160	185	210	234	257
159	184	209	233	256

SENDAI, JAPAN

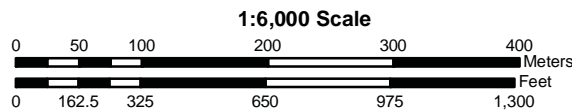
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



INDEX MAP

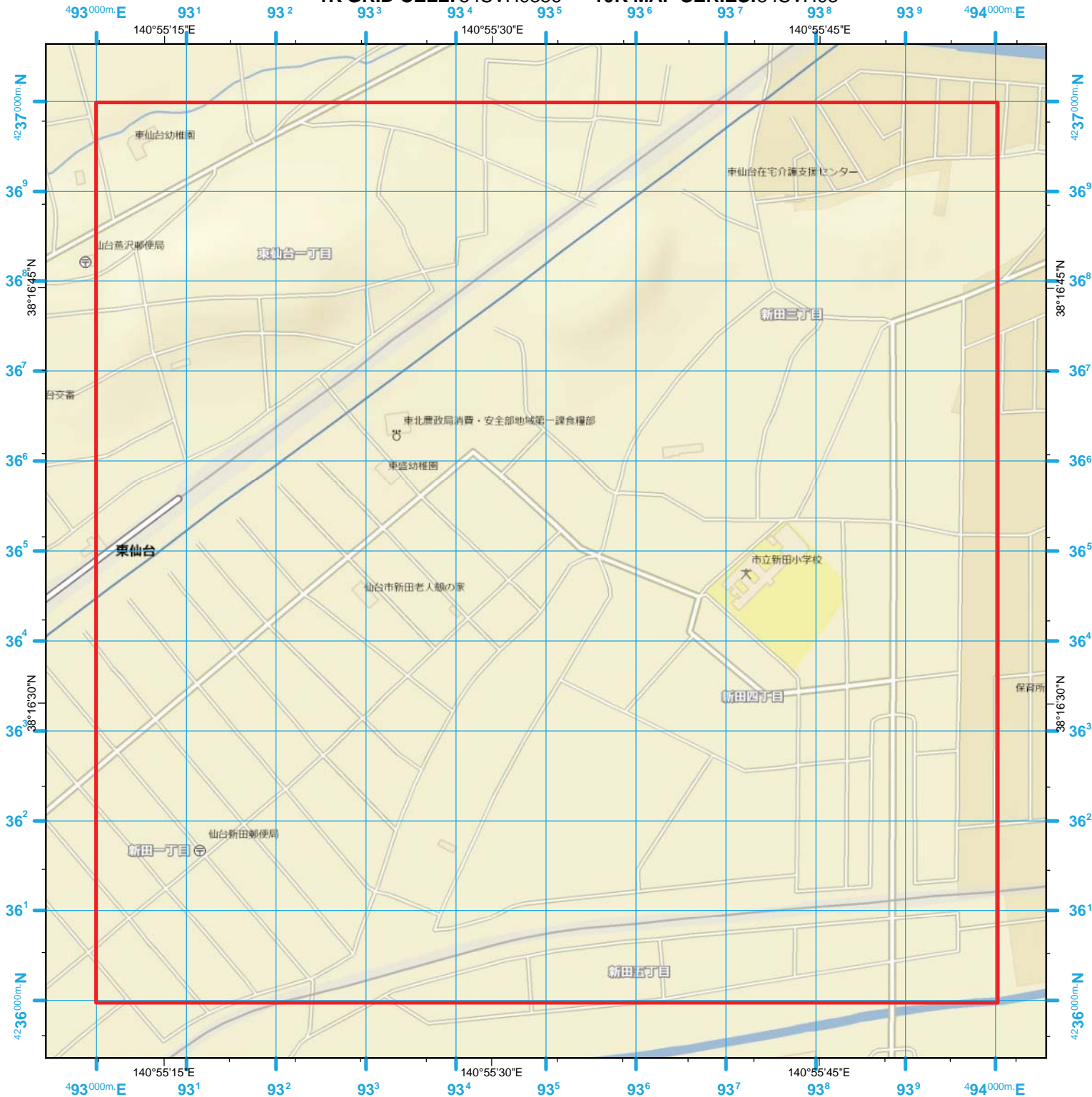
MAPSHEET 212 of 400

164	189	214	238	261
163	188	213	237	260
162	187	212	236	259
161	186	211	235	258
160	185	210	234	257

SENDAI, JAPAN

UNCLASSIFIED//FOUO

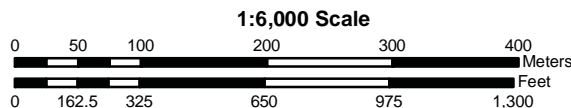
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1000-m cell, 100-m grid, MGRS
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 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

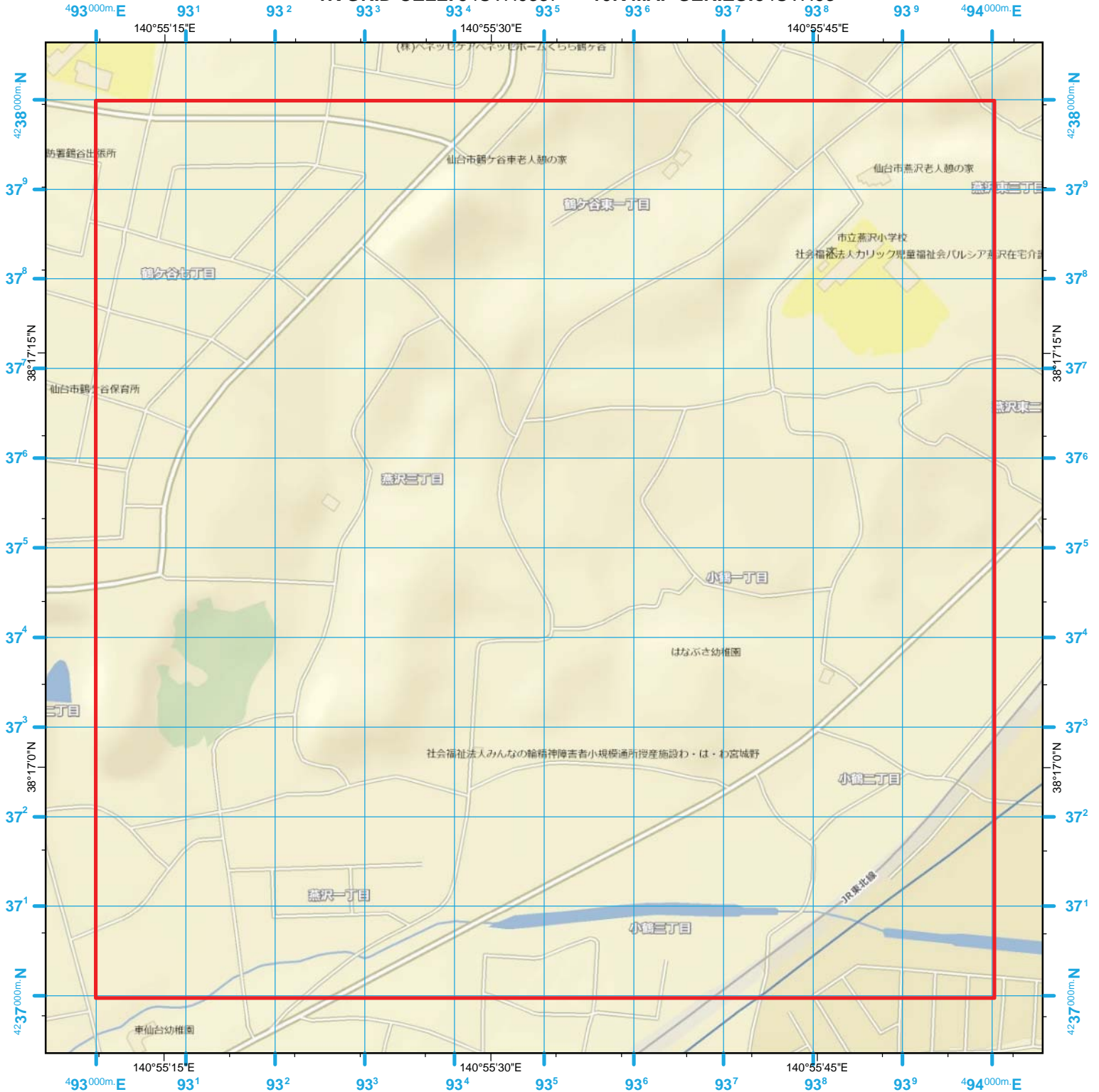
MAPSHEET 213 of 400

165	190	215	239	262
164	189	214	238	261
163	188	213	237	260
162	187	212	236	259
161	186	211	235	258

SENDAI, JAPAN

UNCLASSIFIED//FOUO

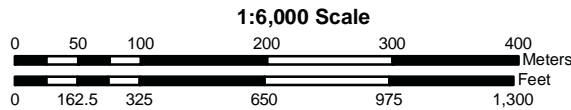
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

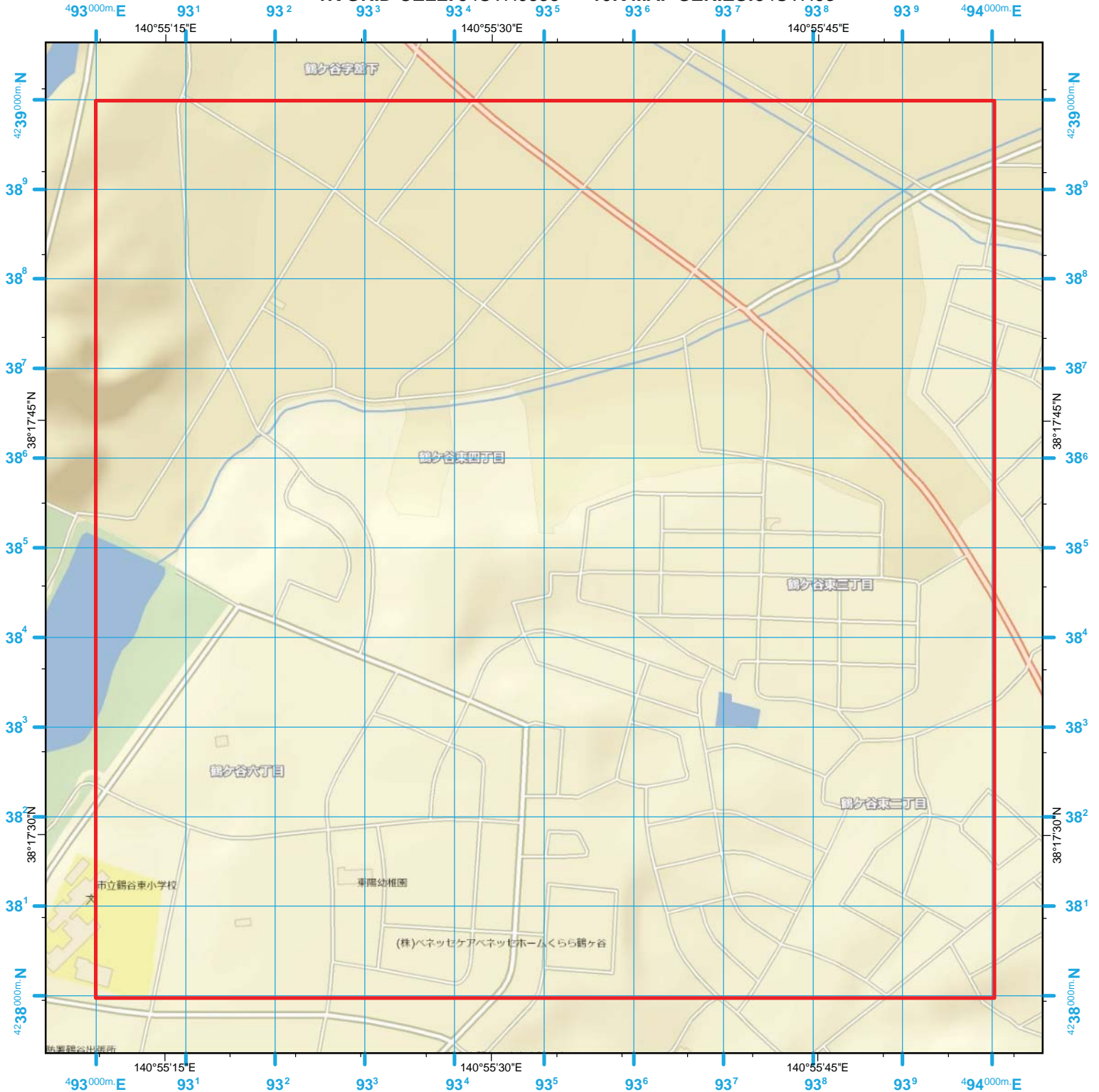
MAPSHEET 214 of 400

166	191	216	240	263
165	190	215	239	262
164	189	214	238	261
163	188	213	237	260
162	187	212	236	259

SENDAI, JAPAN

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1K GRID CELL: 54SVH9338 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



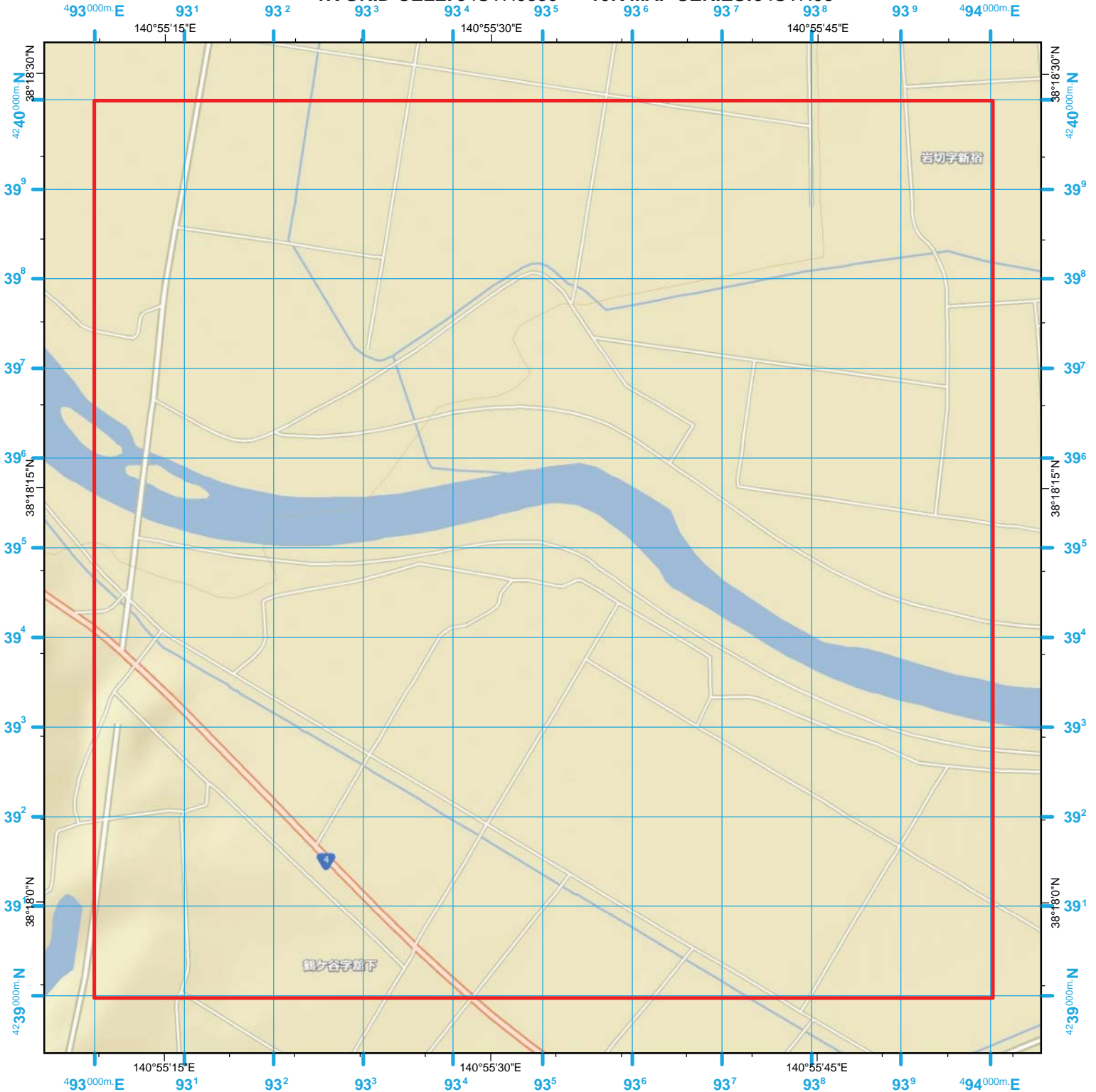
INDEX MAP MAPSHEET 215 of 400

167	192	217	241	264
166	191	216	240	263
165	190	215	239	262
164	189	214	238	261
163	188	213	237	260

SENDAI, JAPAN

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1K GRID CELL: 54SVH9339 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



INDEX MAP

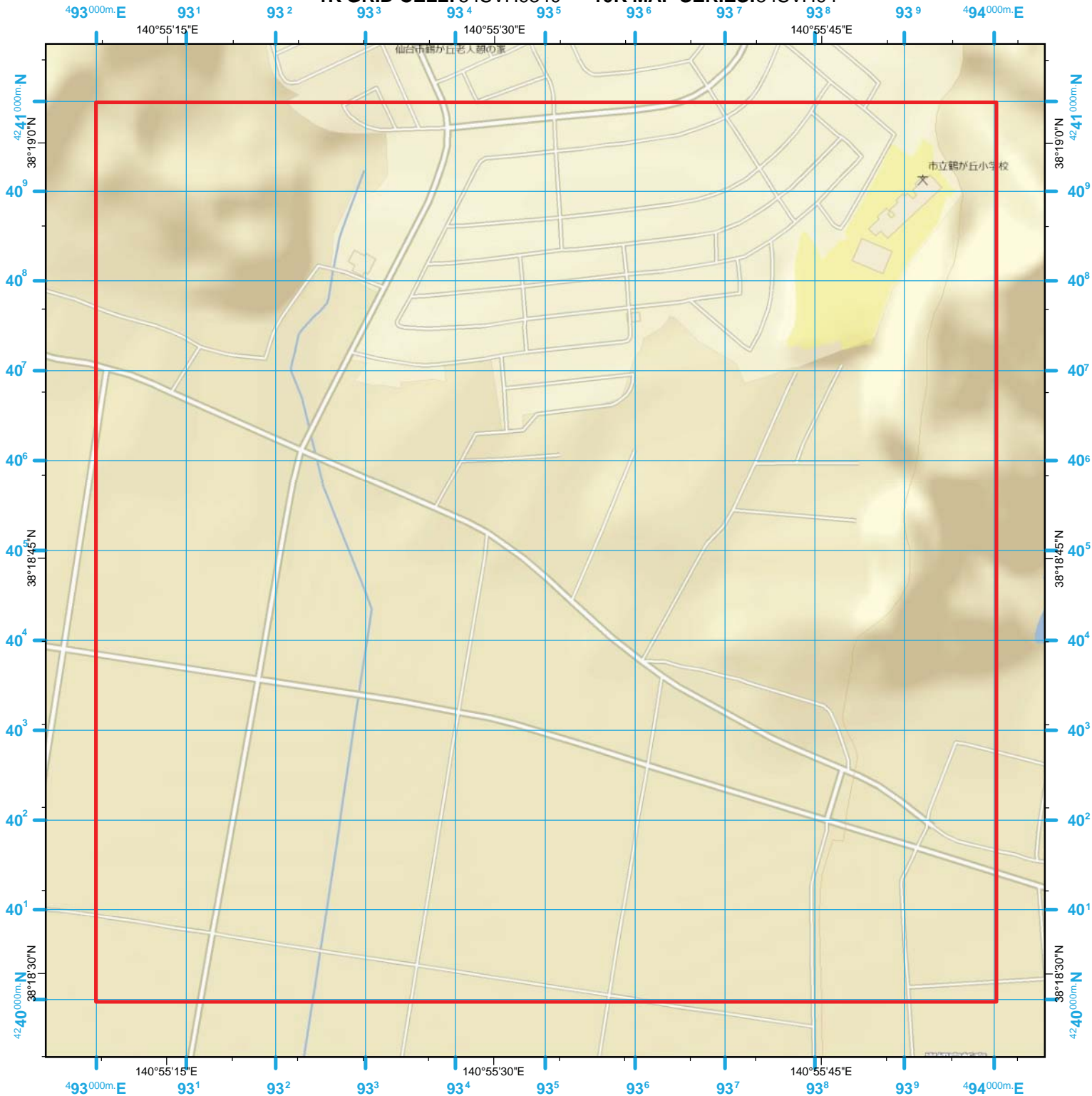
MAPSHEET 216 of 400

168	193	218	242	265
167	192	217	241	264
166	191	216	240	263
165	190	215	239	262
164	189	214	238	261

SENDAI, JAPAN

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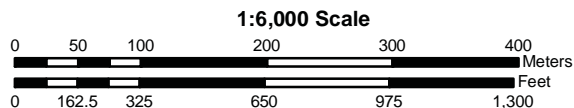
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

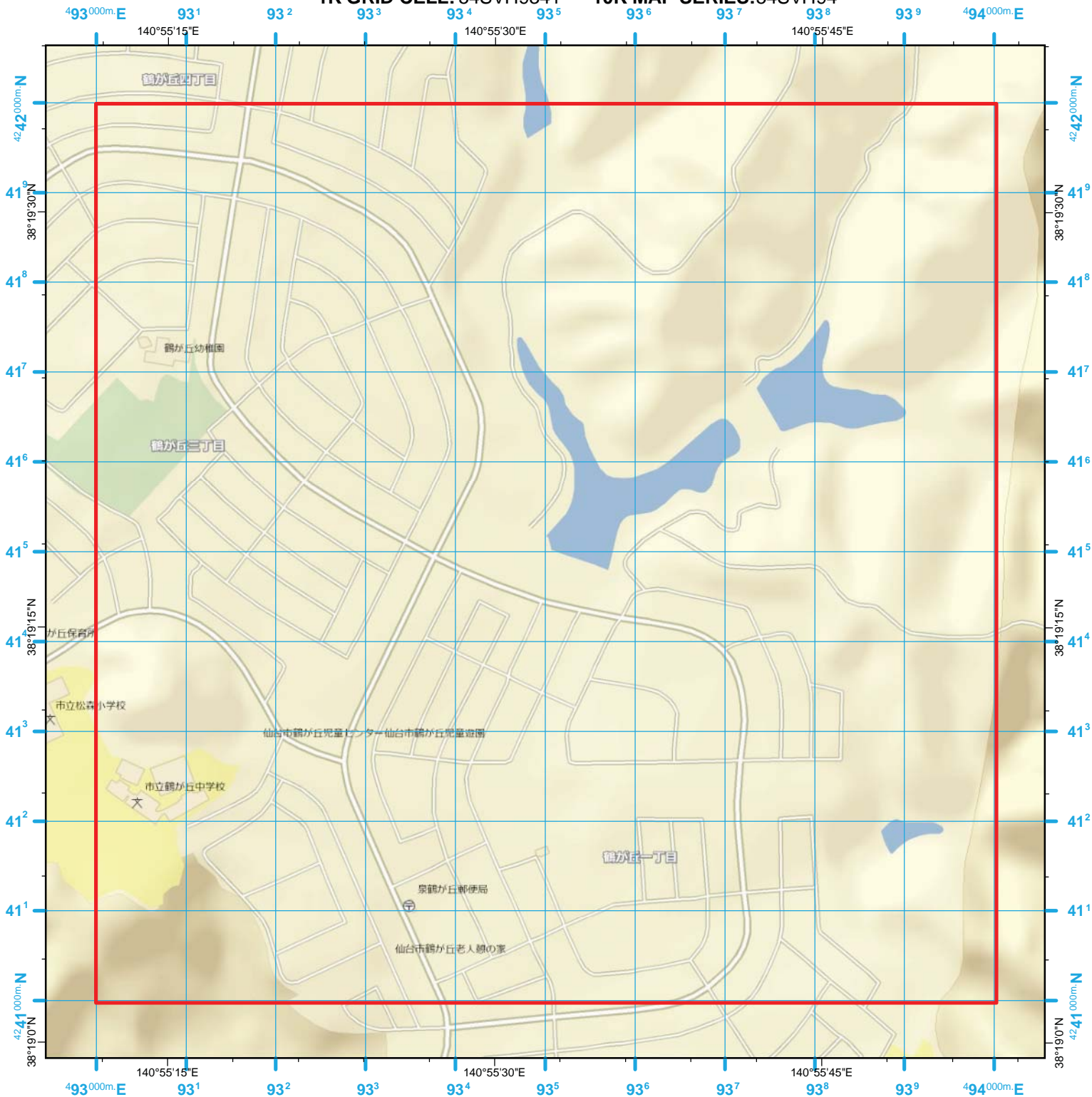
MAPSHEET 217 of 400

169	194	219	243	266
168	193	218	242	265
167	192	217	241	264
166	191	216	240	263
165	190	215	239	262

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1K GRID CELL: 54SVH9341 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



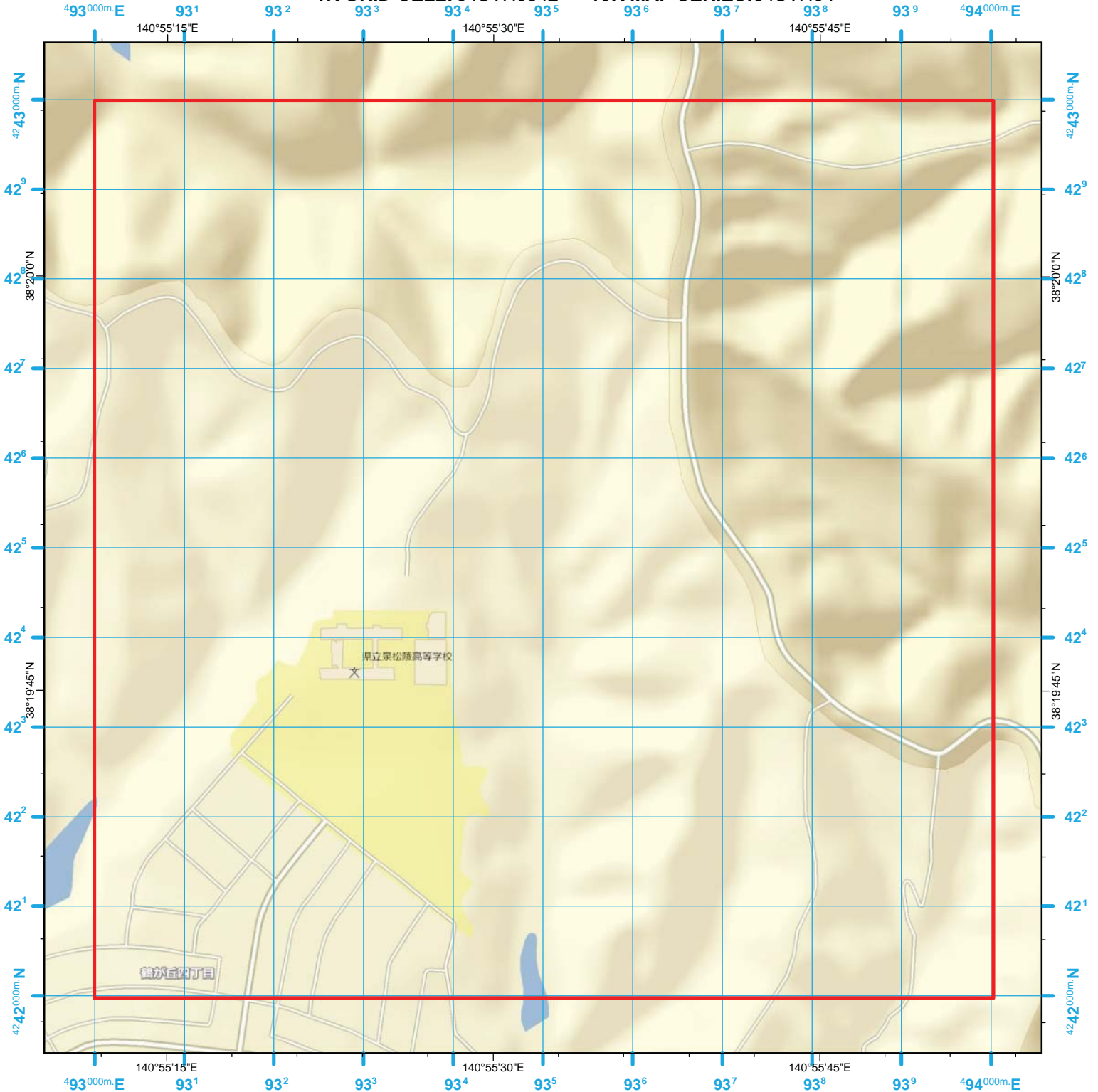
INDEX MAP

MAPSHEET 218 of 400

170	195	220	244	267
169	194	219	243	266
168	193	218	242	265
167	192	217	241	264
166	191	216	240	263

SENDAI, JAPAN

1K GRID CELL: 54SVH9342 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



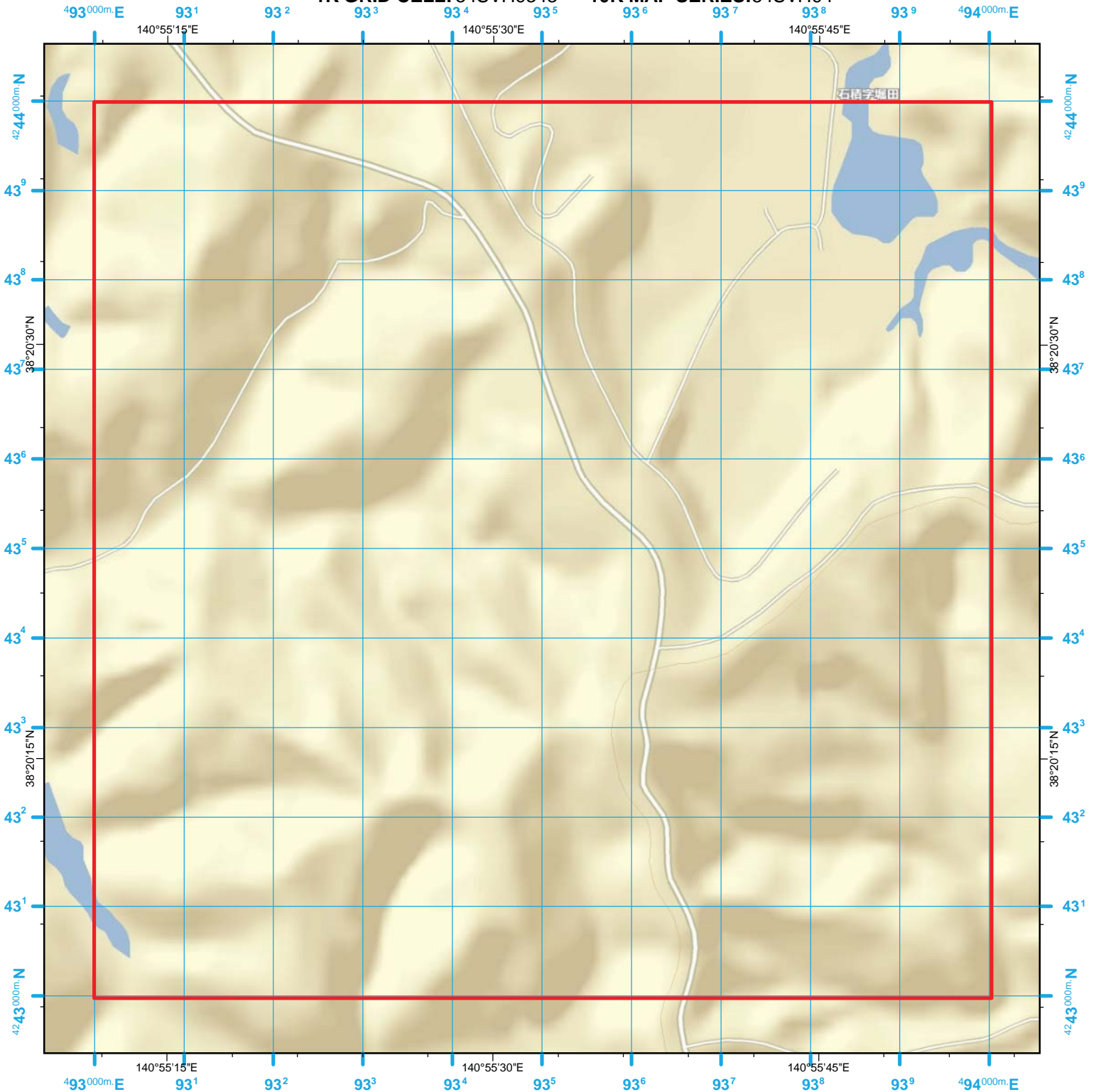
INDEX MAP

MAPSHEET 219 of 400

171	196	221	245	268
170	195	220	244	267
169	194	219	243	266
168	193	218	242	265
167	192	217	241	264

SENDAI, JAPAN

1K GRID CELL: 54SVH9343 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

INDEX MAP

MAPSHEET 220 of 400

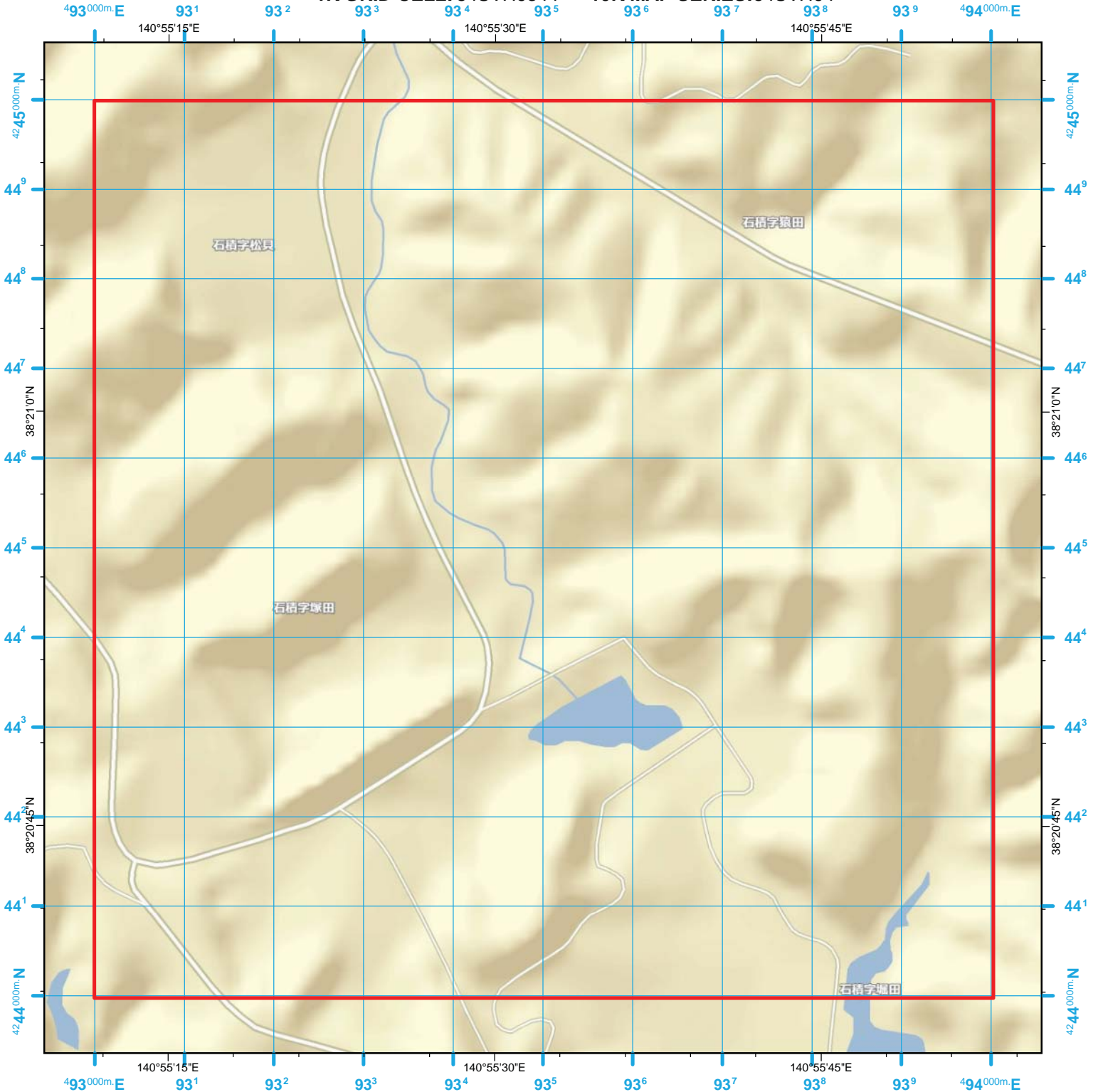
172	197	222	246	269
171	196	221	245	268
170	195	220	244	267
169	194	219	243	266
168	193	218	242	265

SENDAI, JAPAN



SENDAI, JAPAN

1K GRID CELL: 54SVH9344 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



INDEX MAP

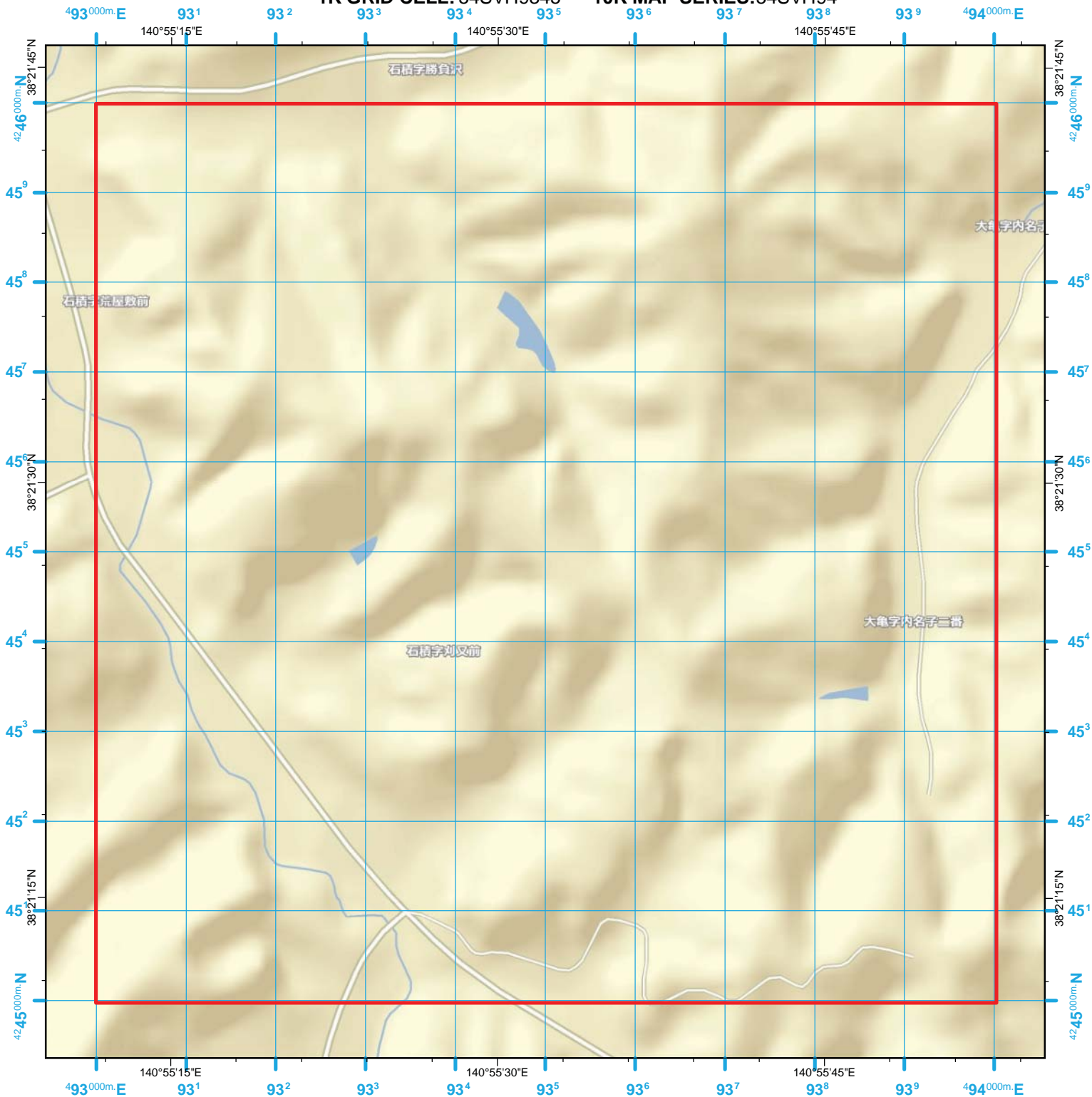
MAPSHEET 221 of 400

173	198	223		
172	197	222	246	269
171	196	221	245	268
170	195	220	244	267
169	194	219	243	266

SENDAI, JAPAN

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1K GRID CELL: 54SVH9345 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

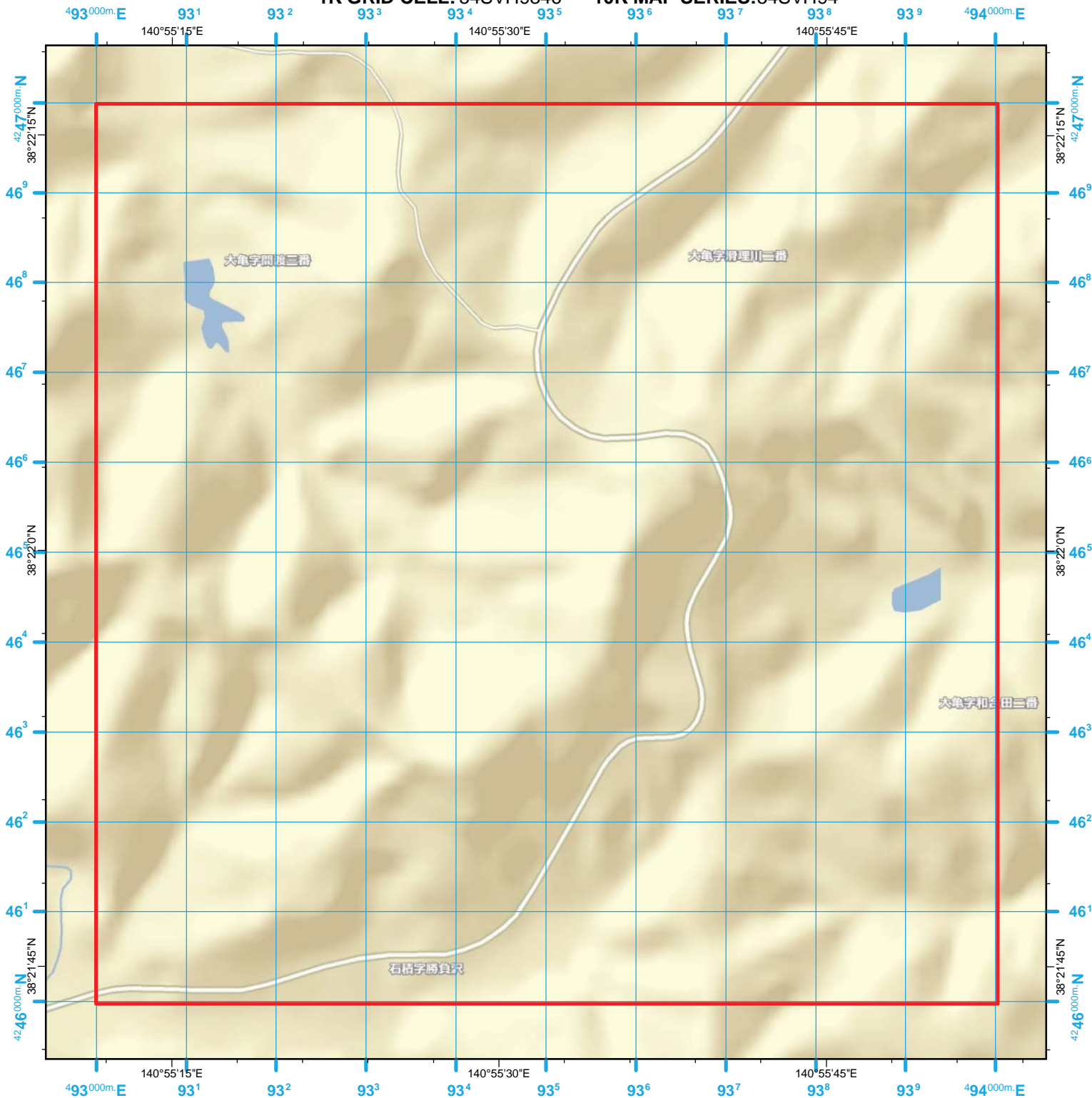
MAPSHEET 222 of 400

174	199			
173	198	223		
172	197	222	246	269
171	196	221	245	268
170	195	220	244	267

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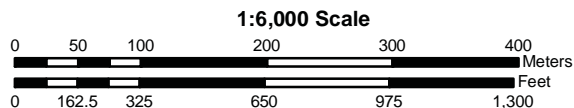
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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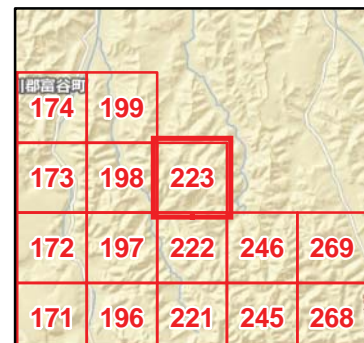
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

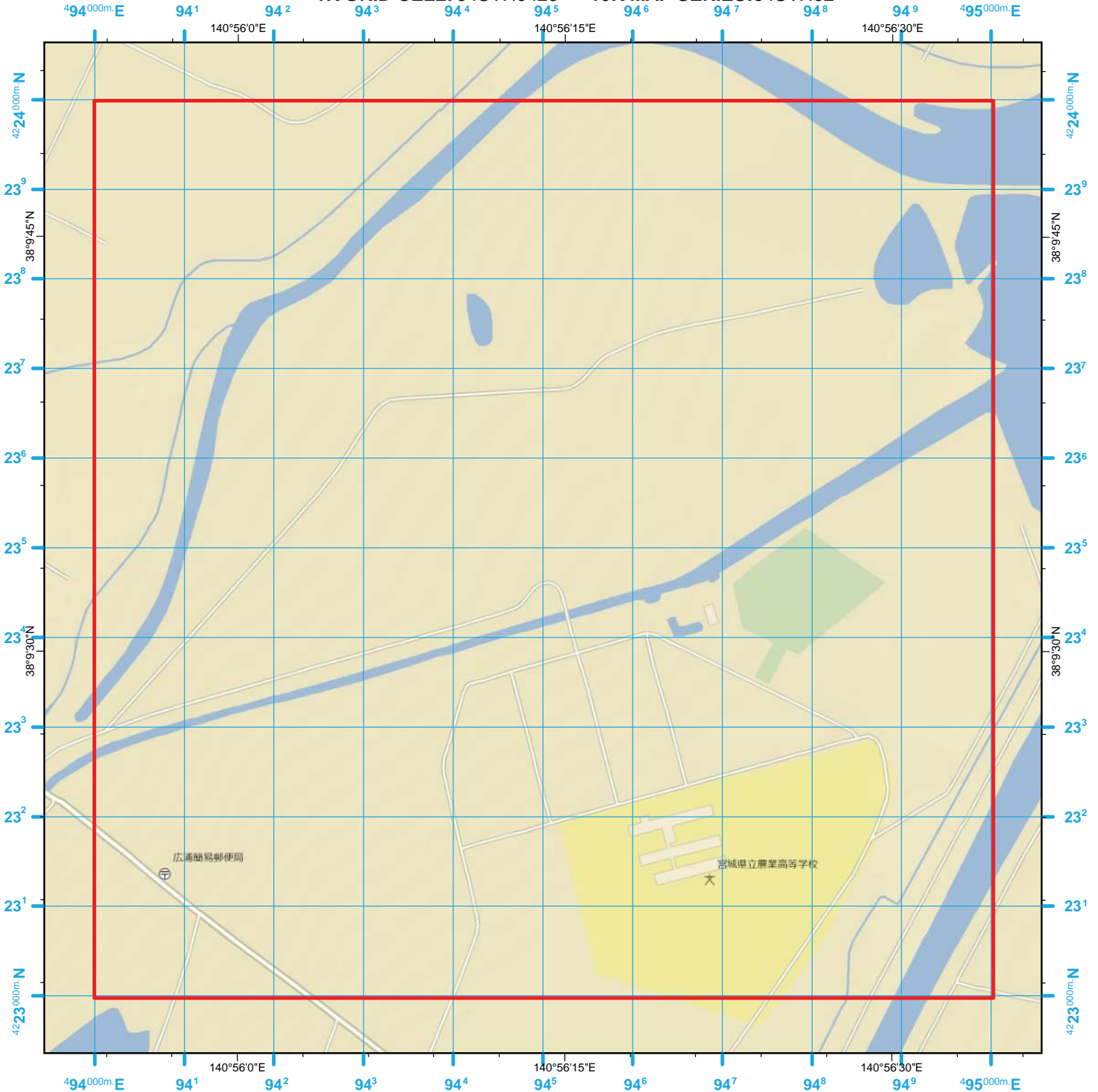


INDEX MAP
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SENDAI, JAPAN

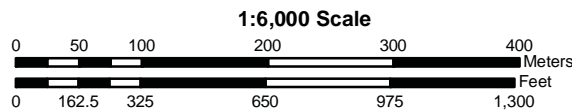
1K GRID CELL: 54SVH9423 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

*Not to be used for navigation.
 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

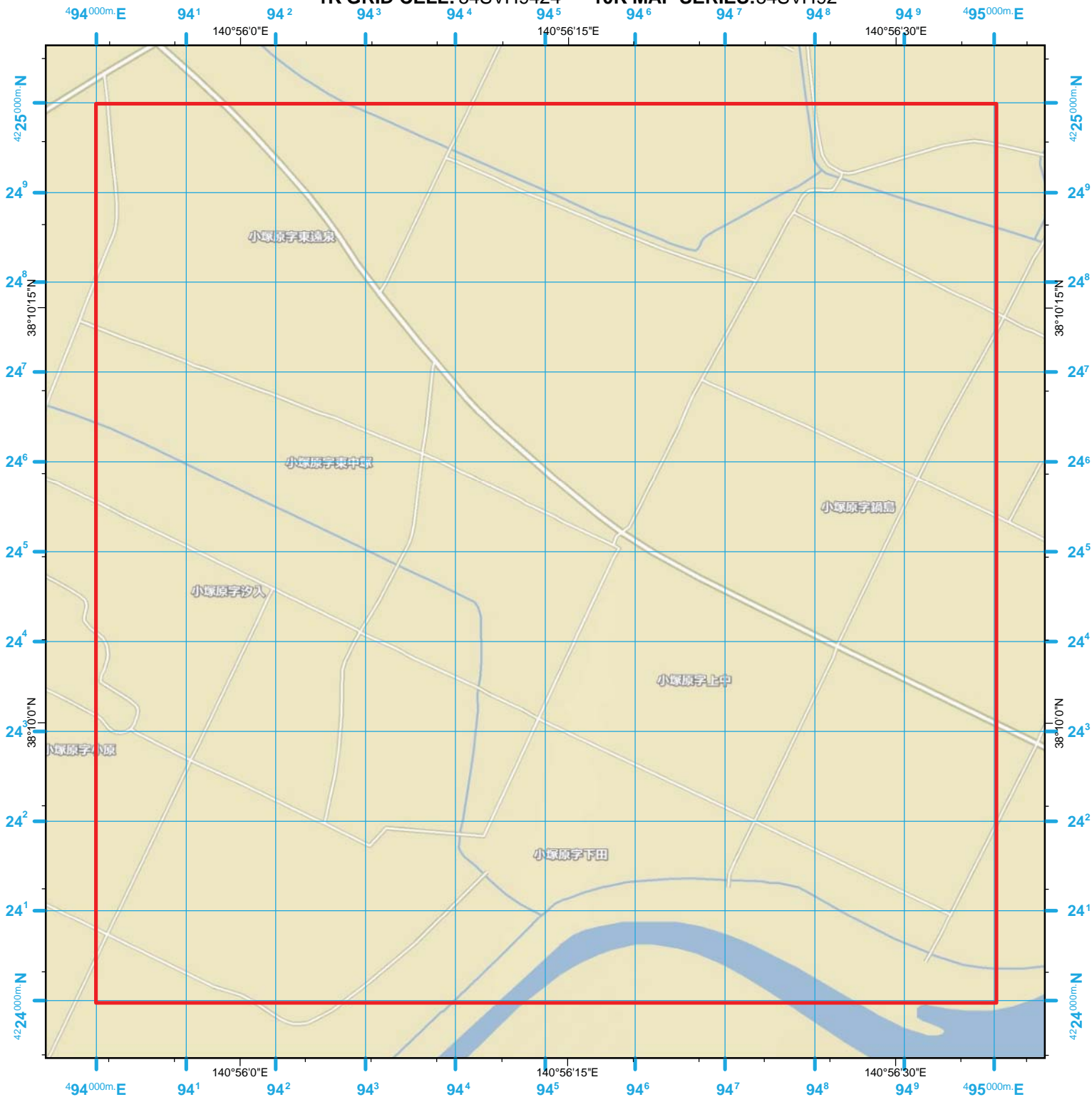
MAPSHEET 224 of 400

177	202	226	249	272
176	201	225	248	271
175	200	224	247	270

SENDAI, JAPAN

UNCLASSIFIED//FOUO

1K GRID CELL: 54SVH9424 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- 🏫 School



INDEX MAP

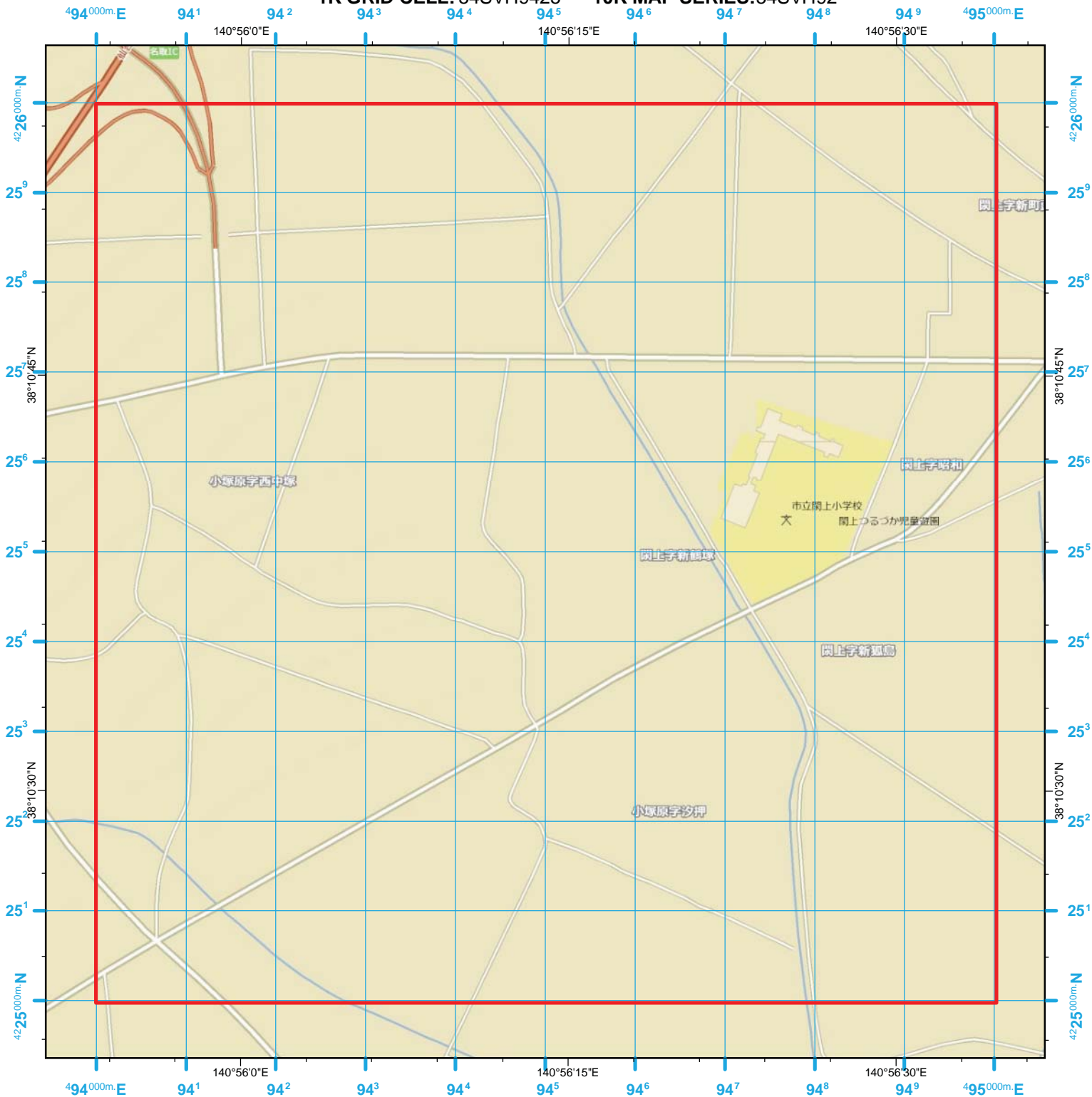
MAPSHEET 225 of 400

178	203	227	250	273
177	202	226	249	272
176	201	225	248	271
175	200	224	247	270

SENDAI, JAPAN

UNCLASSIFIED//FOUO

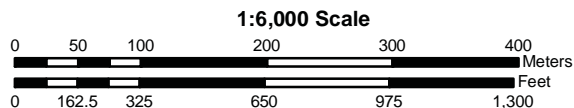
1K GRID CELL: 54SVH9425 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



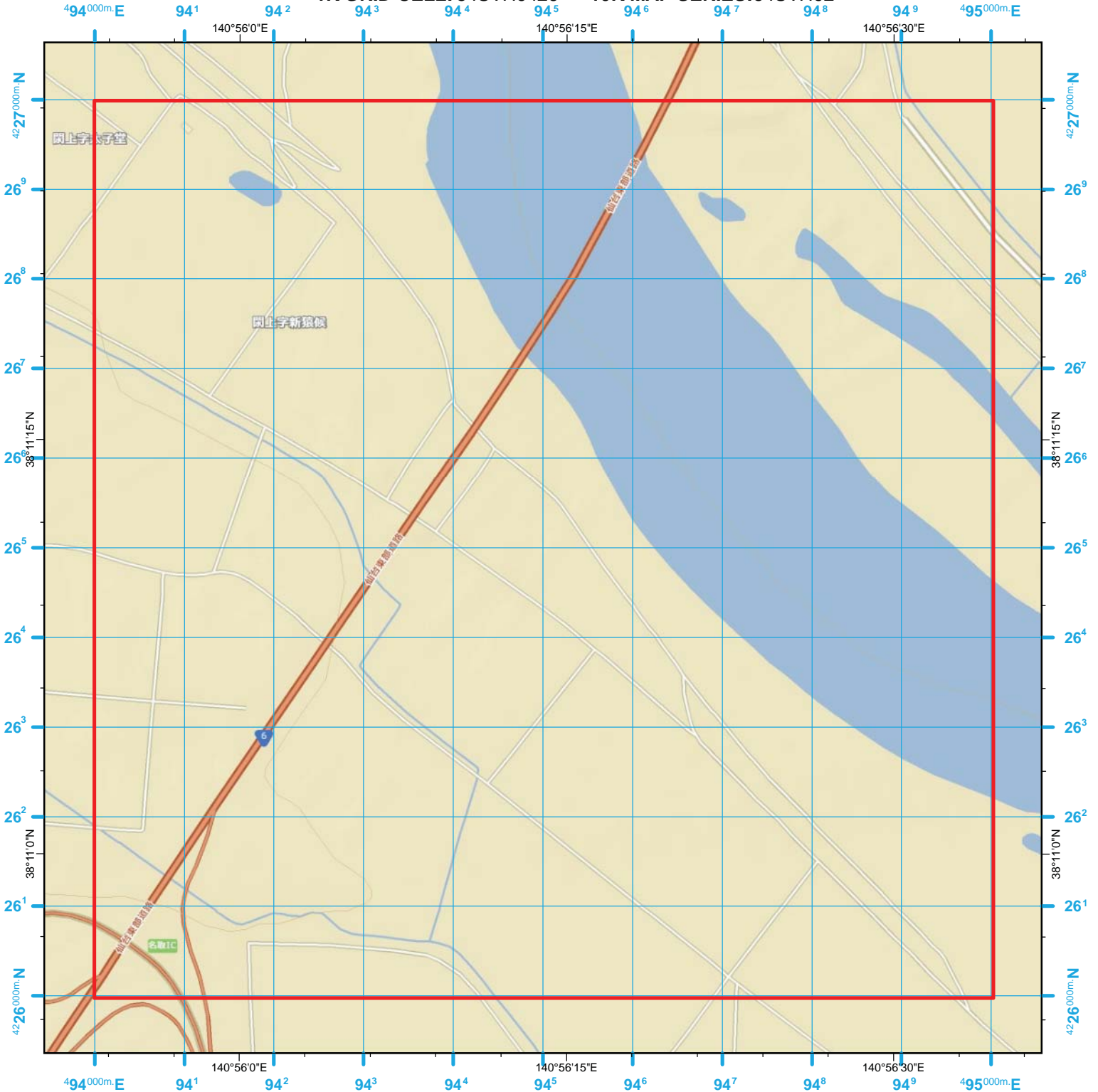
INDEX MAP

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179	204	228	251	274
178	203	227	250	273
177	202	226	249	272
176	201	225	248	271
175	200	224	247	270

SENDAI, JAPAN

1K GRID CELL: 54SVH9426 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



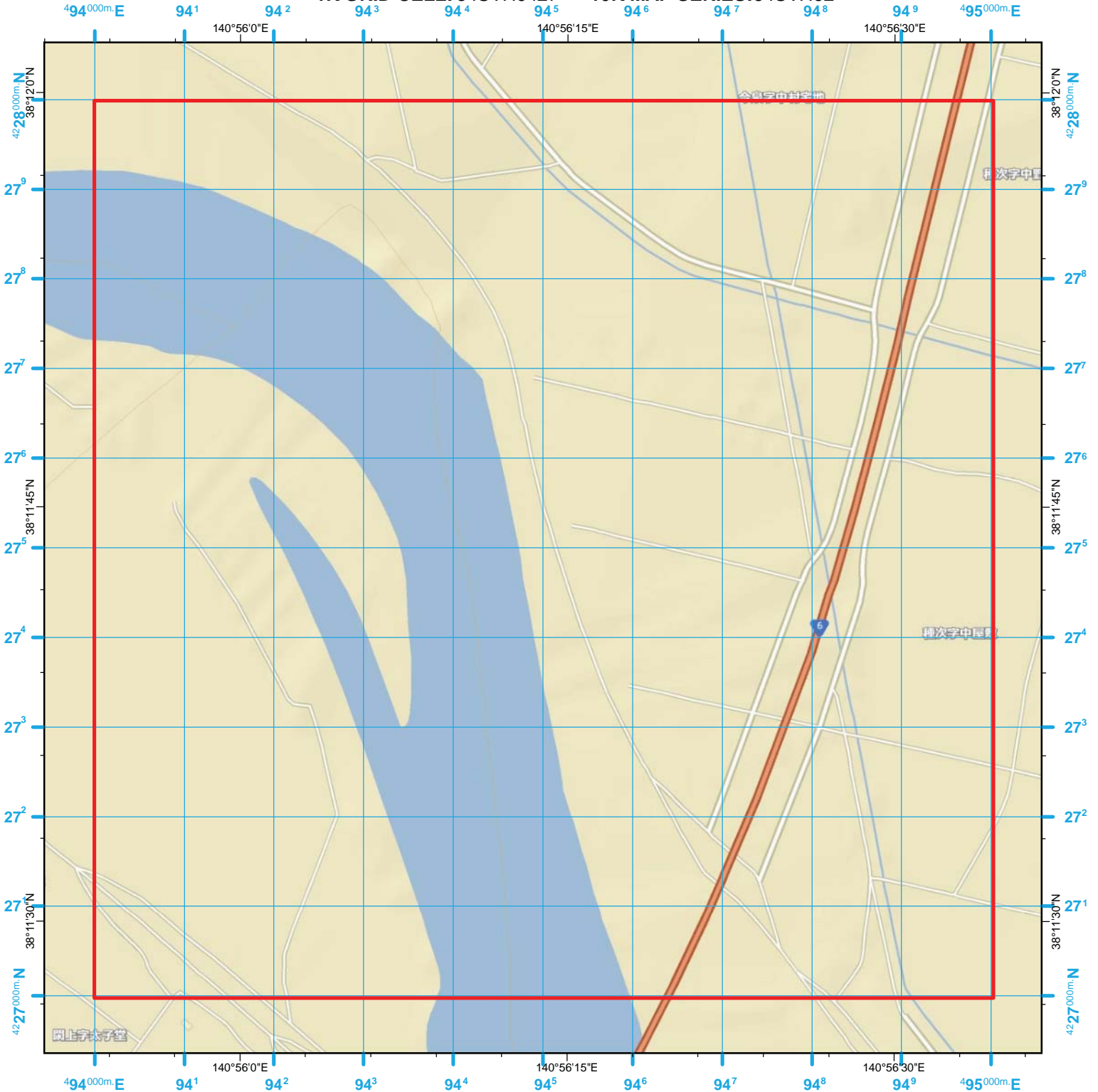
INDEX MAP

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180	205	229	252	275
179	204	228	251	274
178	203	227	250	273
177	202	226	249	272
176	201	225	248	271

SENDAI, JAPAN

1K GRID CELL: 54SVH9427 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



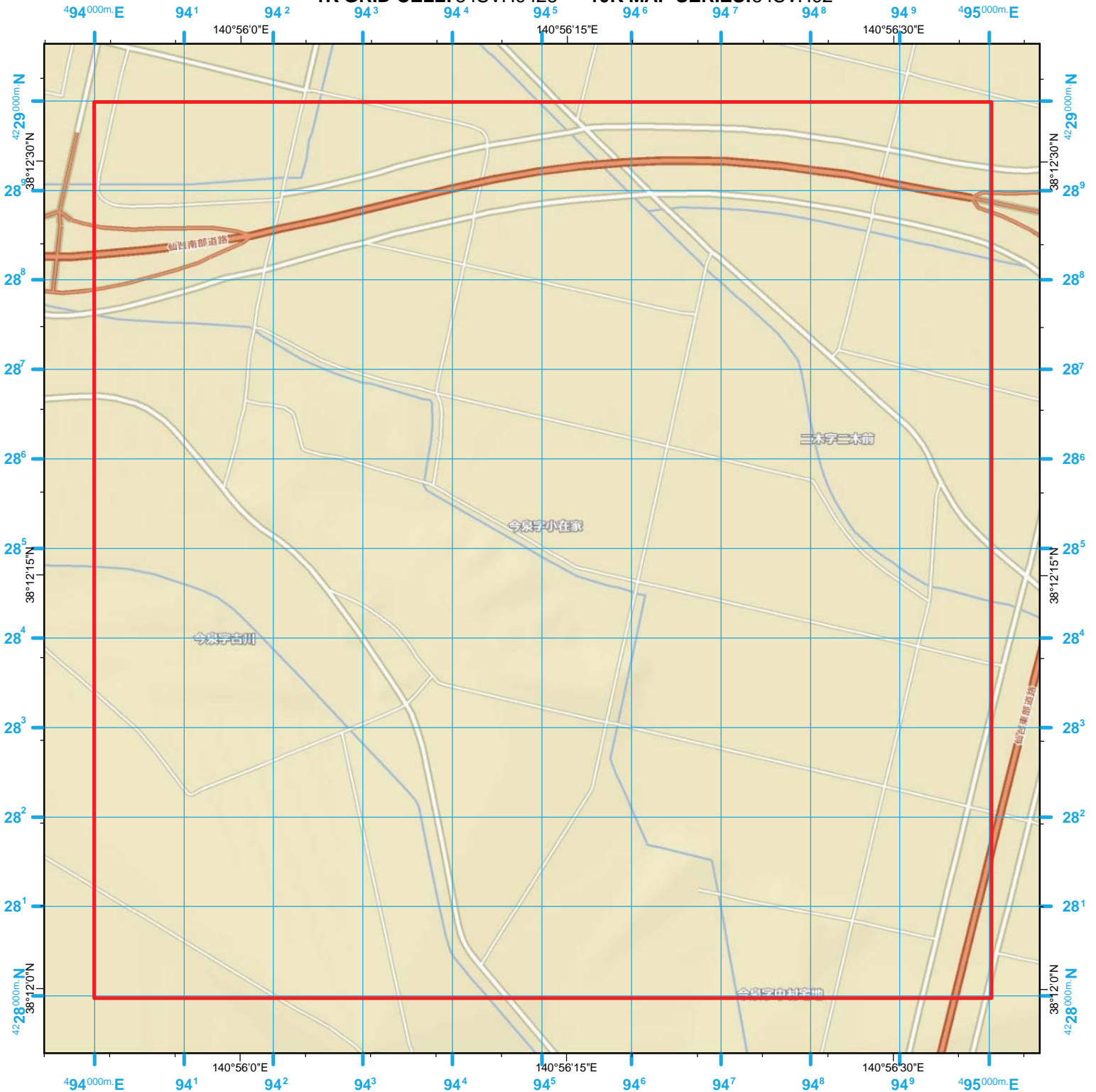
INDEX MAP

MAPSHEET 228 of 400

181	206	230	253	276
180	205	229	252	275
179	204	228	251	274
178	203	227	250	273
177	202	226	249	272

SENDAI, JAPAN

1K GRID CELL: 54SVH9428 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



INDEX MAP

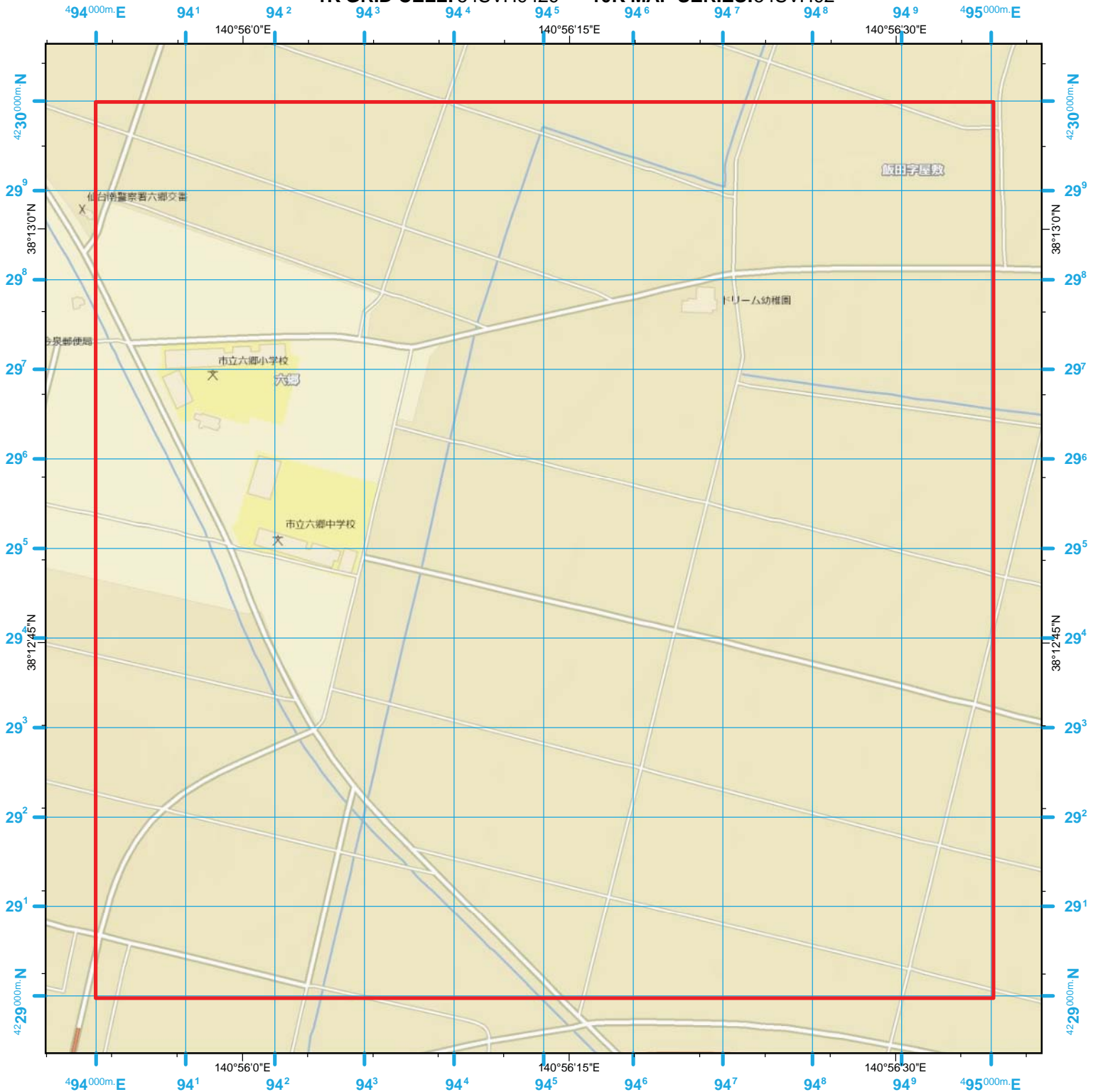
MAPSHEET 229 of 400

182	207	231	254	277
181	206	230	253	276
180	205	229	252	275
179	204	228	251	274
178	203	227	250	273

SENDAI, JAPAN

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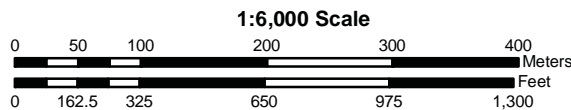
1K GRID CELL: 54SVH9429 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

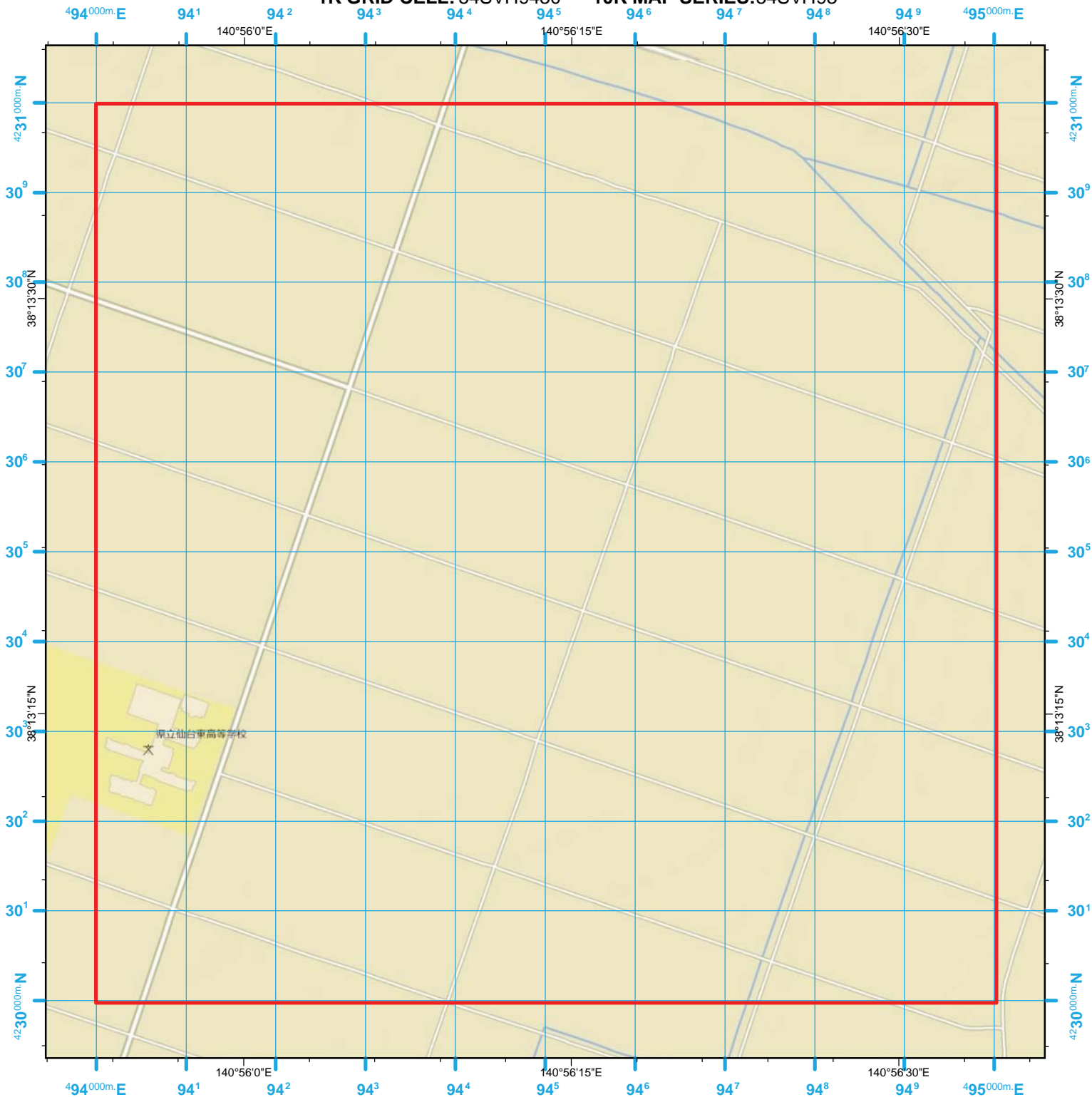
MAPSHEET 230 of 400

183	208	232	255	278
182	207	231	254	277
181	206	230	253	276
180	205	229	252	275
179	204	228	251	274

SENDAI, JAPAN

UNCLASSIFIED//FOUO

1K GRID CELL: 54SVH9430 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



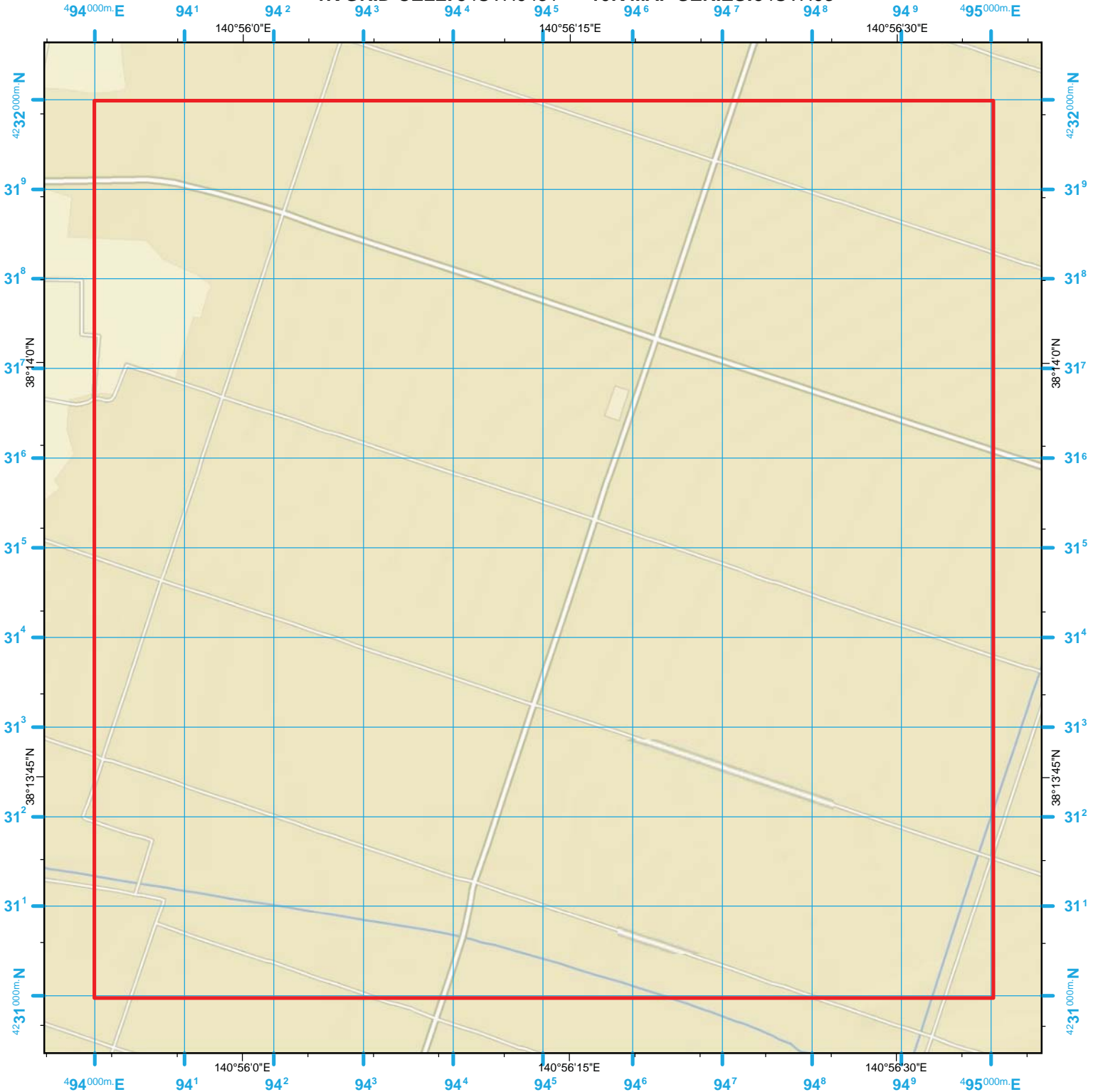
INDEX MAP

MAPSHEET 231 of 400

184	209	233	256	279
183	208	232	255	278
182	207	231	254	277
181	206	230	253	276
180	205	229	252	275

SENDAI, JAPAN

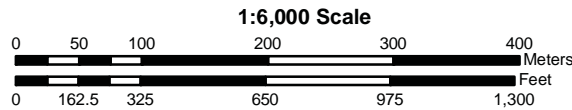
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

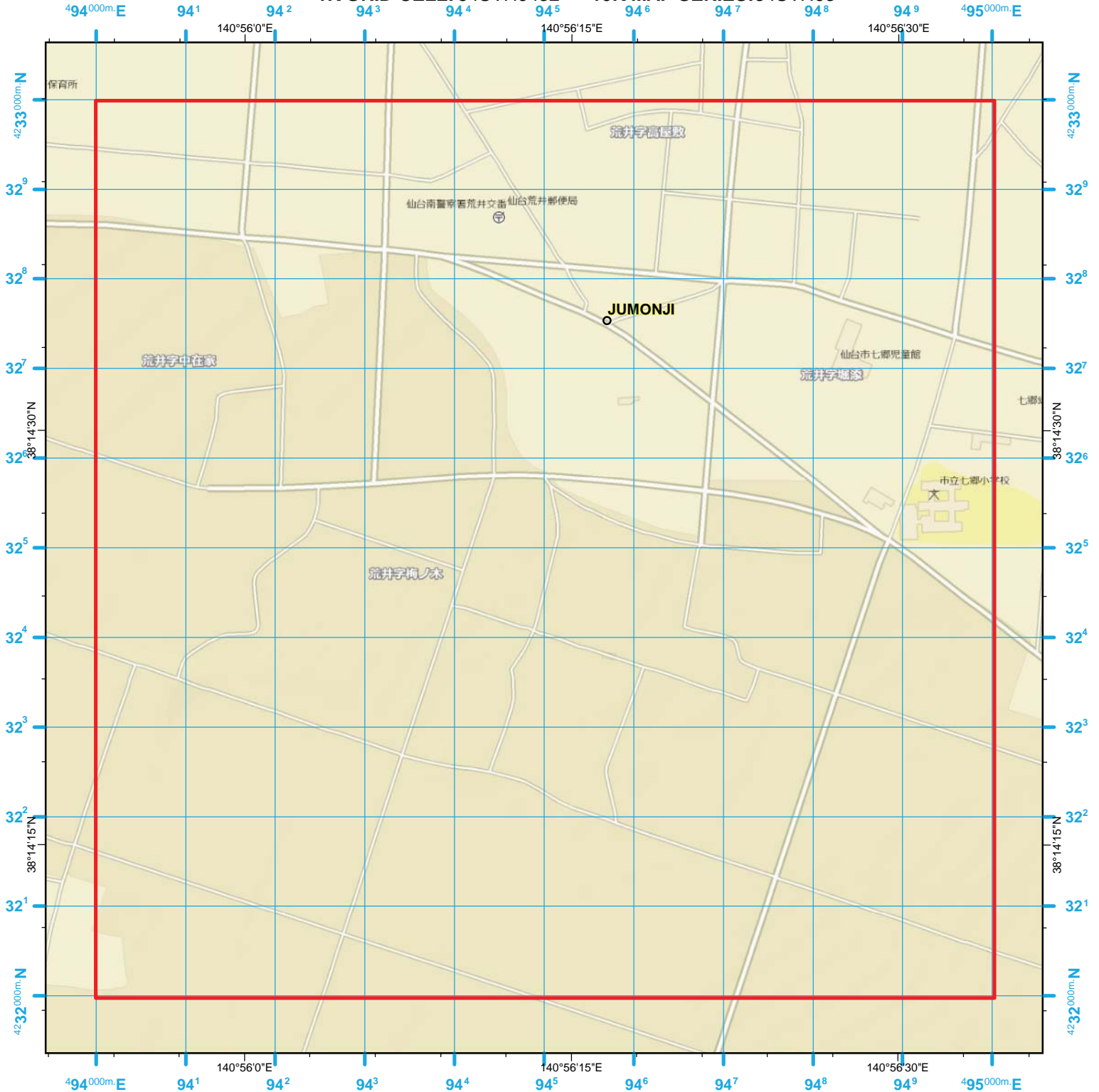
MAPSHEET 232 of 400

185	210	234	257	280
184	209	233	256	279
183	208	232	255	278
182	207	231	254	277
181	206	230	253	276

SENDAI, JAPAN

UNCLASSIFIED//FOUO

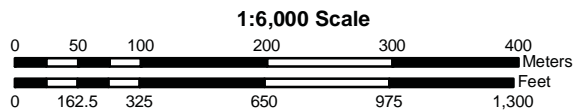
1K GRID CELL: 54SVH9432 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

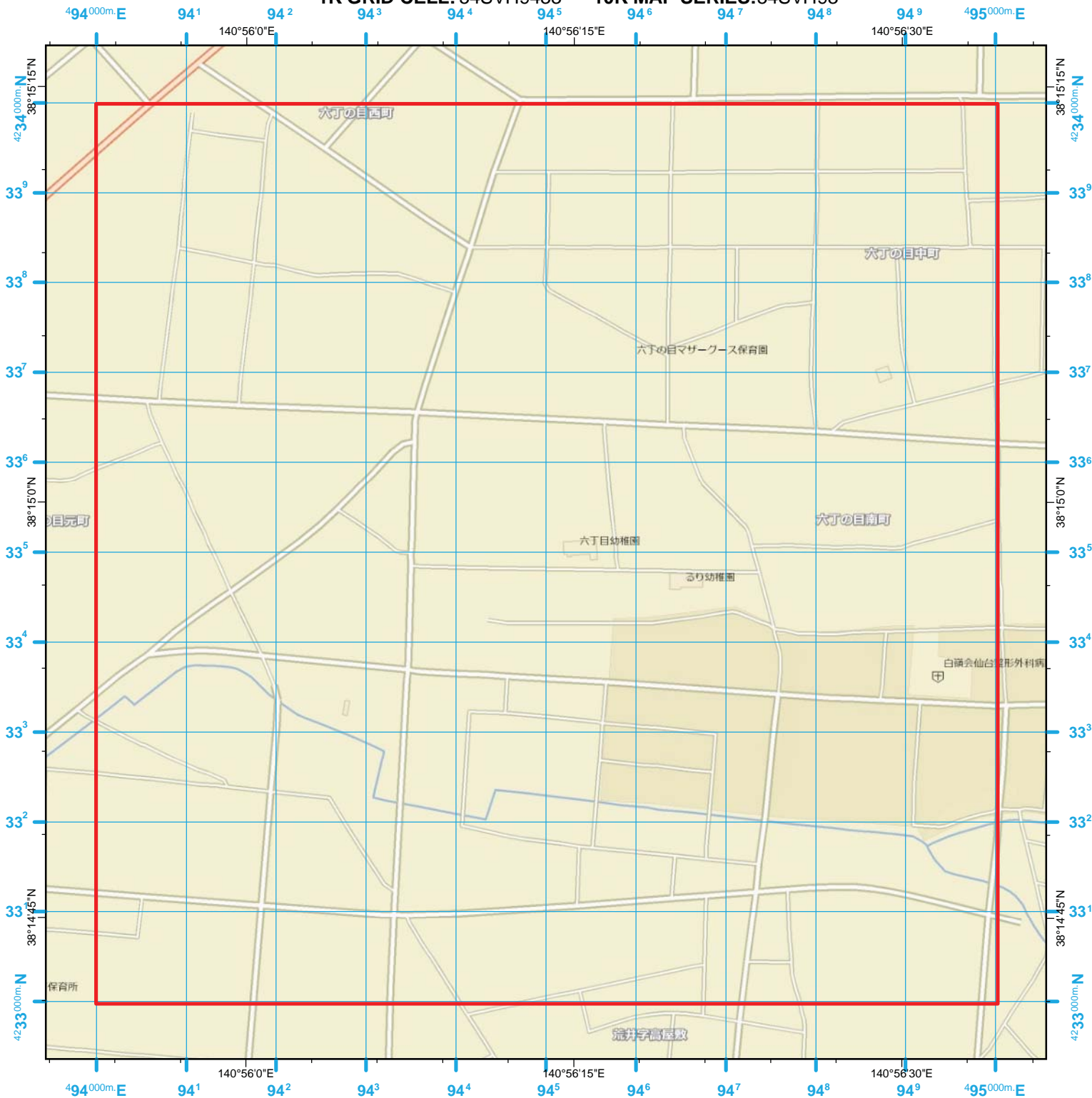
MAPSHEET 233 of 400

186	211	235	258	281
185	210	234	257	280
184	209	233	256	279
183	208	232	255	278
182	207	231	254	277

SENDAI, JAPAN

UNCLASSIFIED//FOUO

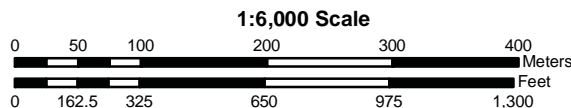
1K GRID CELL: 54SVH9433 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

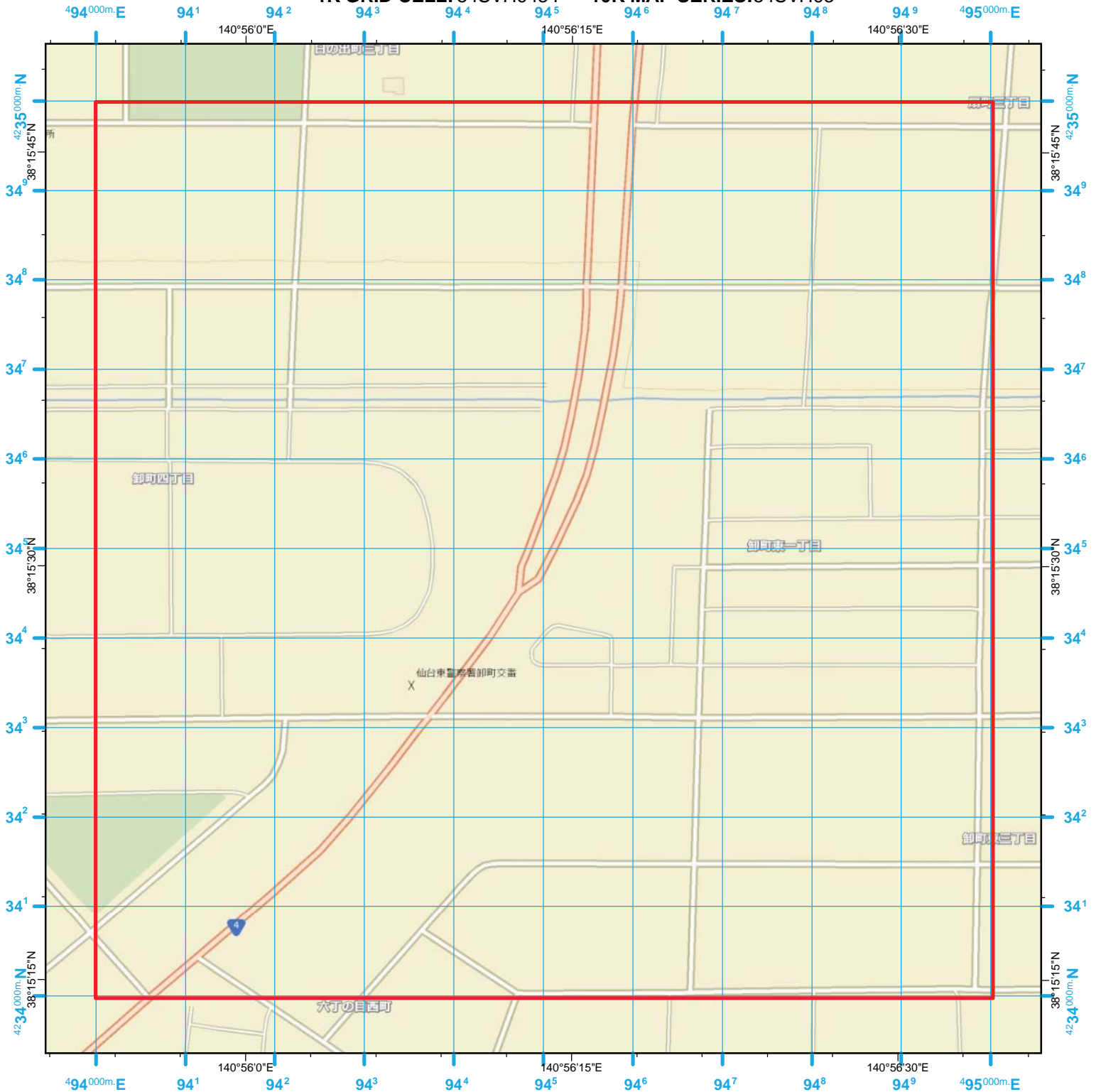
MAPSHEET 234 of 400

187	212	236	259	282
186	211	235	258	281
185	210	234	257	280
184	209	233	256	279
183	208	232	255	278

SENDAI, JAPAN

UNCLASSIFIED//FOUO

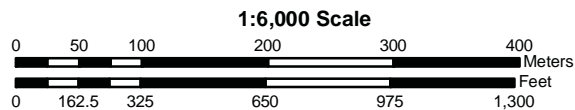
1K GRID CELL: 54SVH9434 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

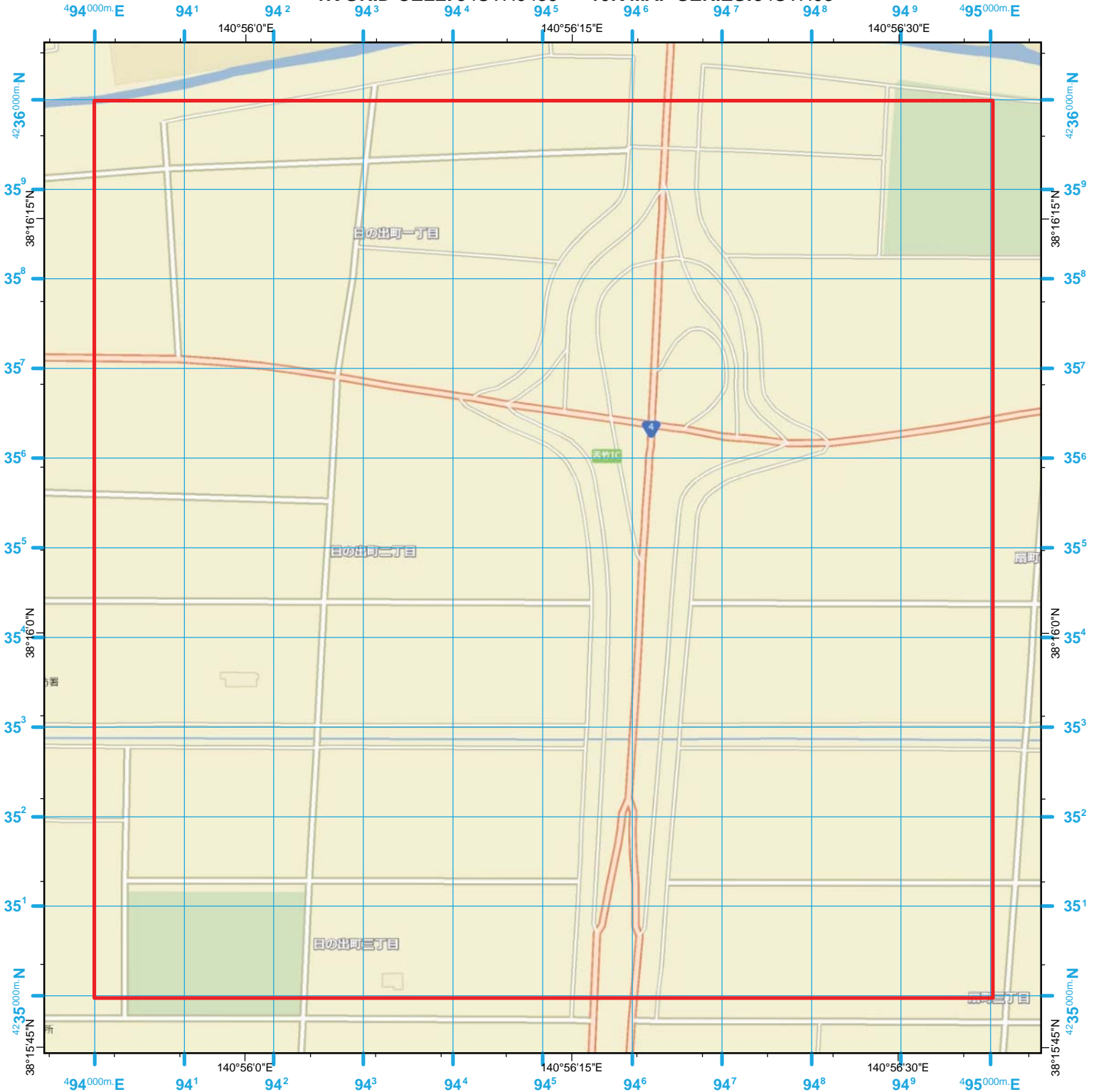
MAPSHEET 235 of 400

188	213	237	260	283
187	212	236	259	282
186	211	235	258	281
185	210	234	257	280
184	209	233	256	279

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1K GRID CELL: 54SVH9435 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



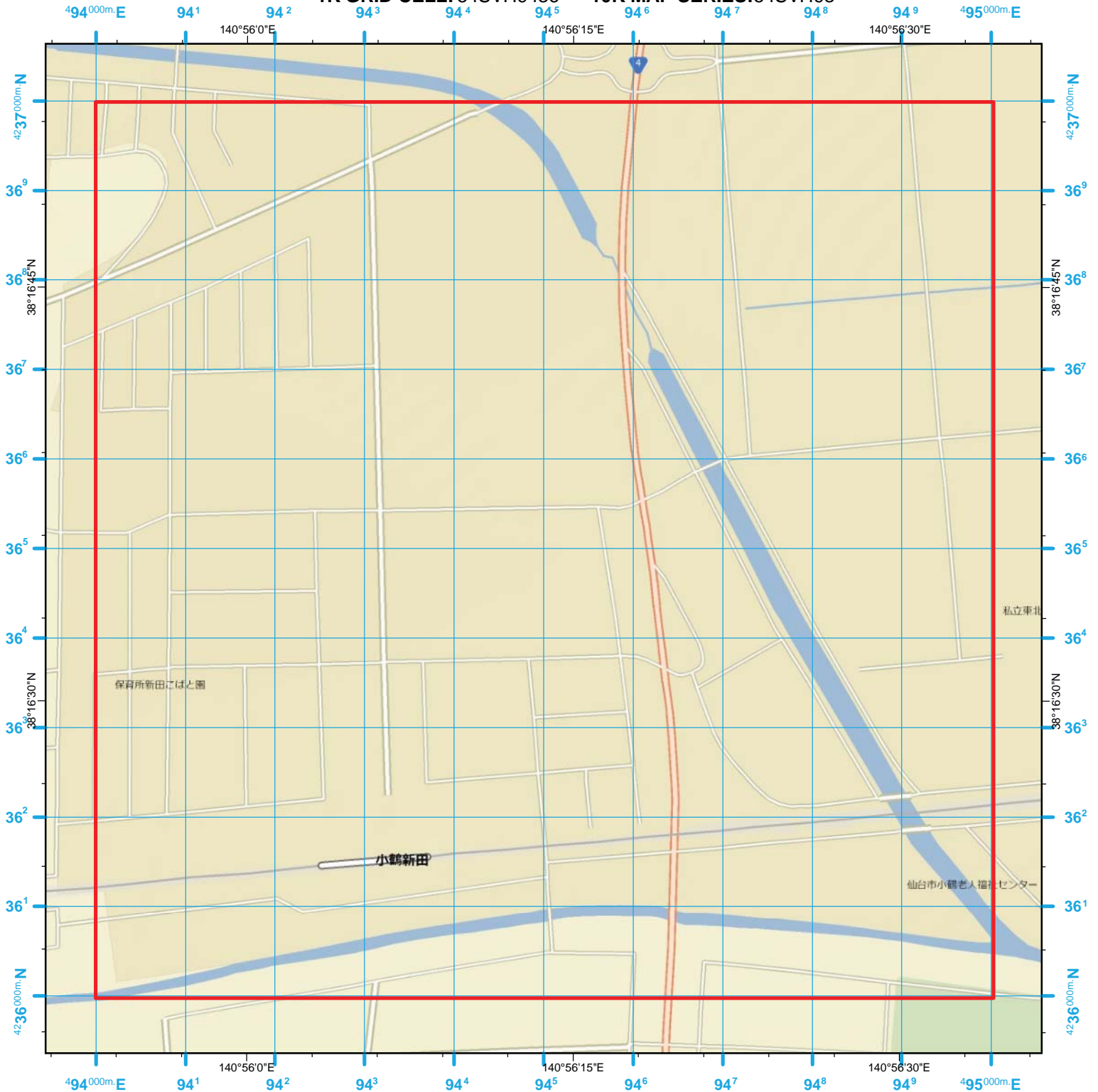
INDEX MAP

MAPSHEET 236 of 400

189	214	238	261	284
188	213	237	260	283
187	212	236	259	282
186	211	235	258	281
185	210	234	257	280

SENDAI, JAPAN

1K GRID CELL: 54SVH9436 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

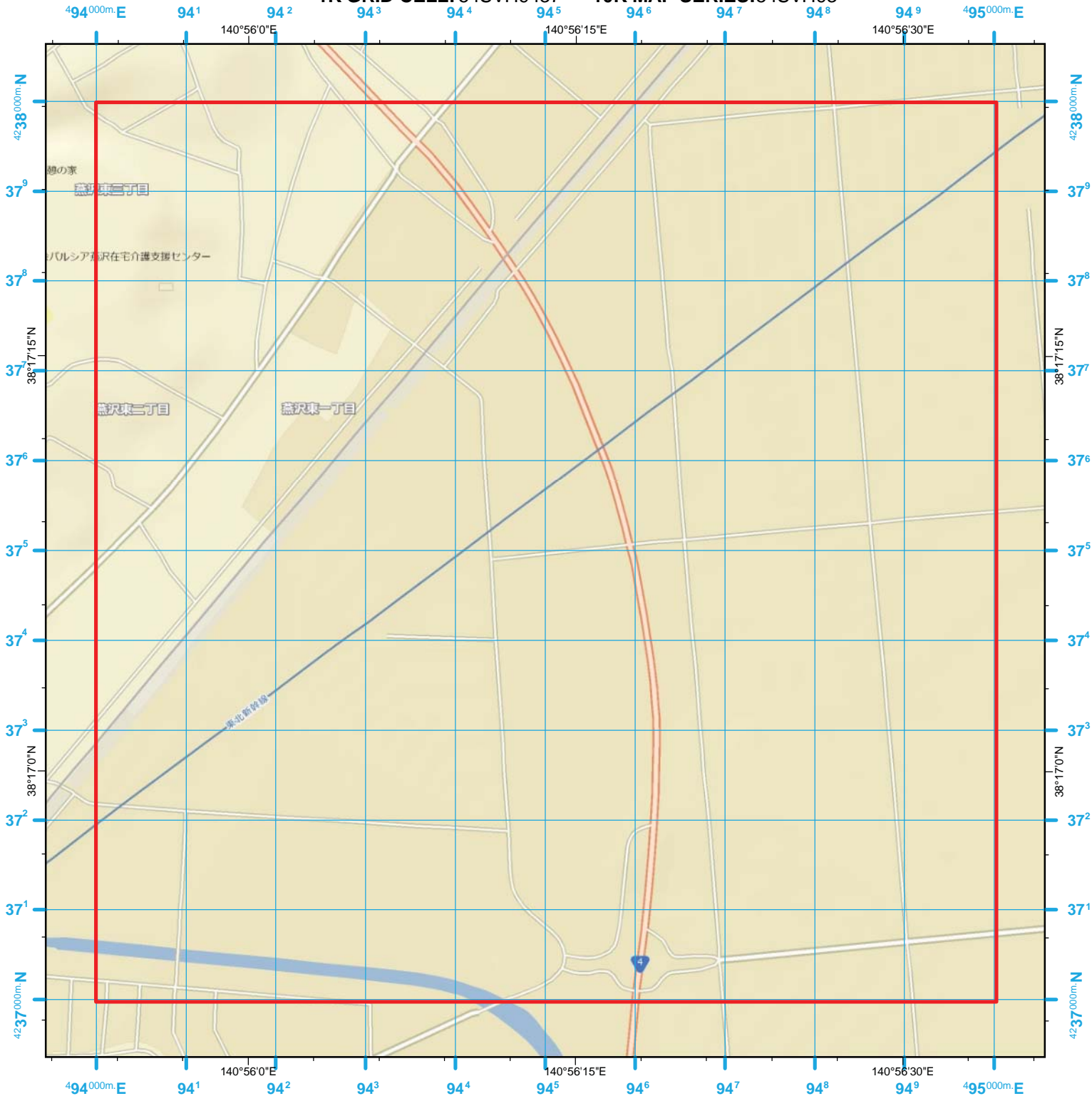
MAPSHEET 237 of 400

190	215	239	262	285
189	214	238	261	284
188	213	237	260	283
187	212	236	259	282
186	211	235	258	281

SENDAI, JAPAN

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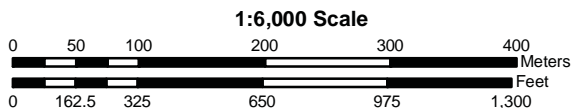
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

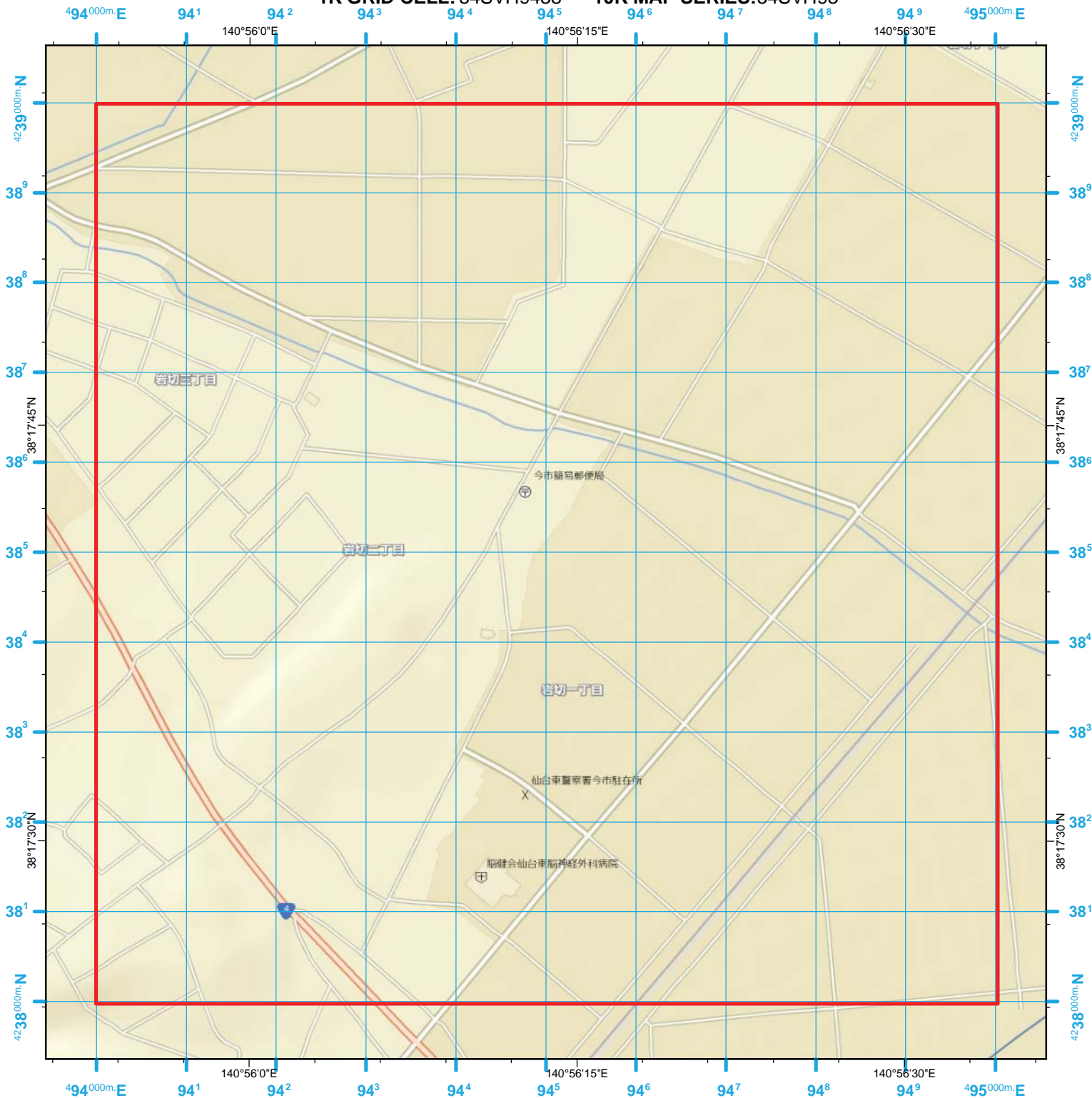
MAPSHEET 238 of 400

191	216	240	263	286
190	215	239	262	285
189	214	238	261	284
188	213	237	260	283
187	212	236	259	282

SENDAI, JAPAN

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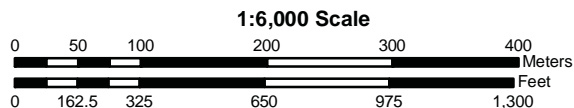
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

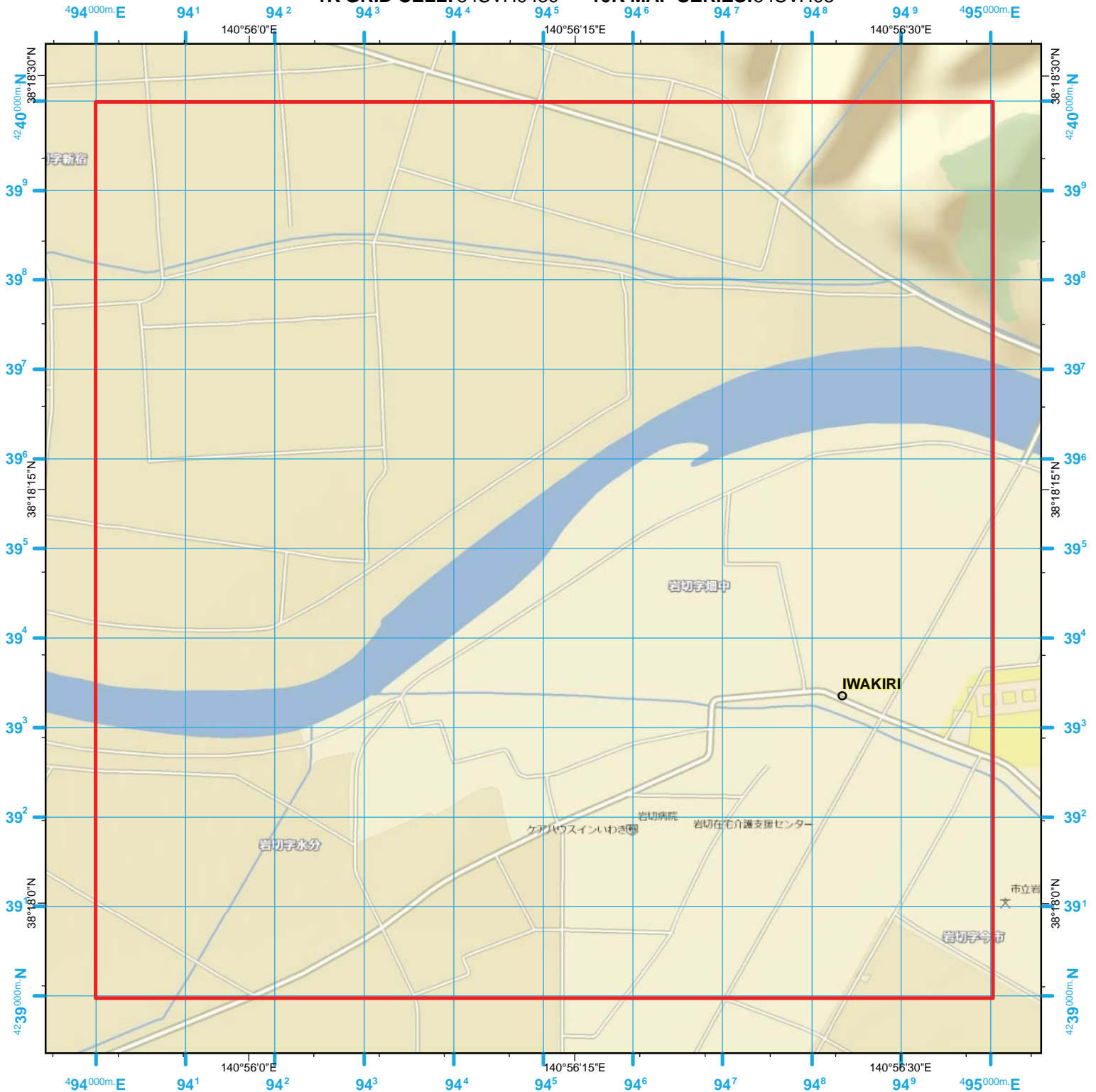
MAPSHEET 239 of 400

192	217	241	264	287
191	216	240	263	286
190	215	239	262	285
189	214	238	261	284
188	213	237	260	283

SENDAI, JAPAN

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1K GRID CELL: 54SVH9439 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



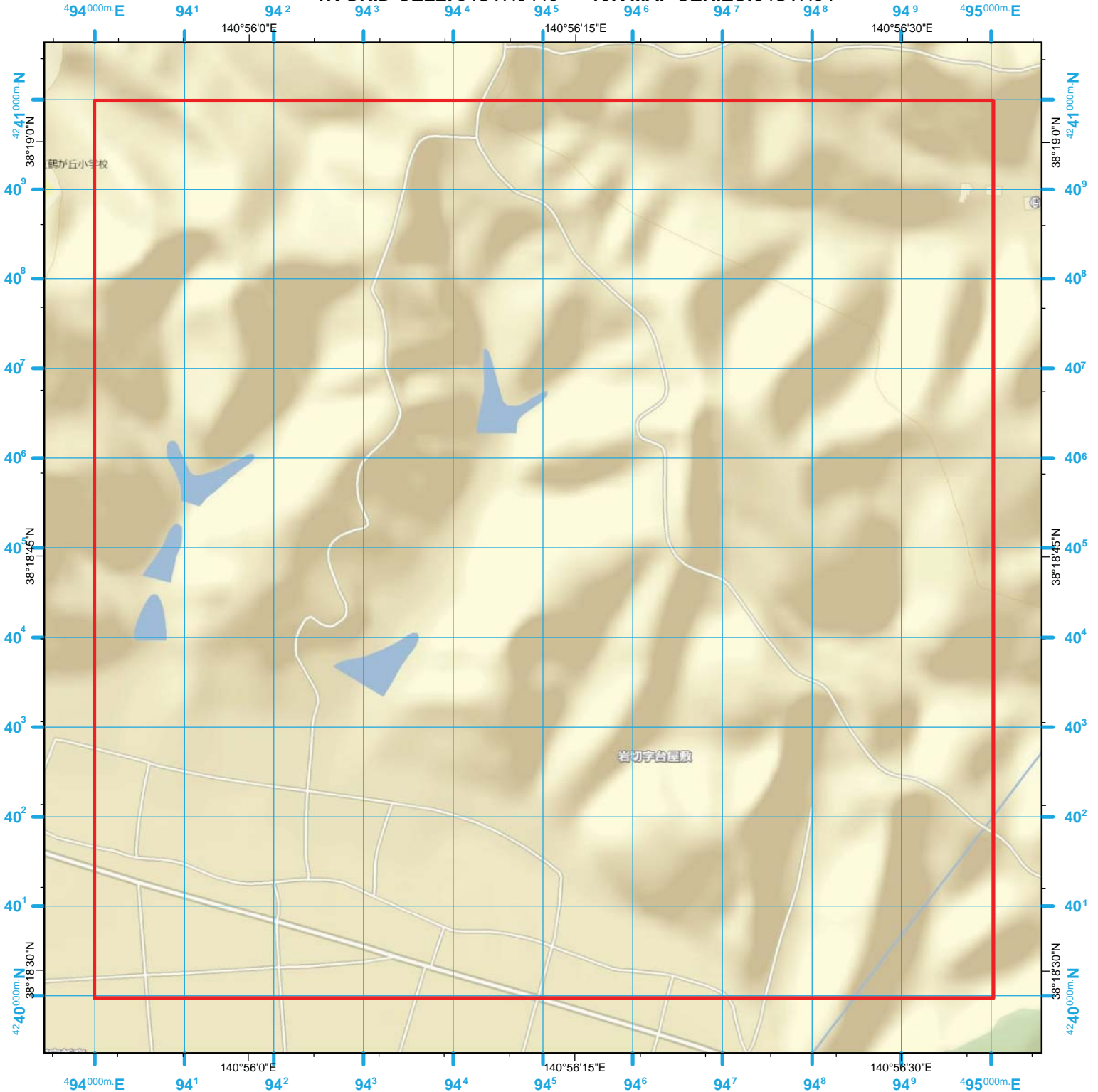
INDEX MAP

MAPSHEET 240 of 400

193	218	242	265	288
192	217	241	264	287
191	216	240	263	286
190	215	239	262	285
189	214	238	261	284

SENDAI, JAPAN

1K GRID CELL: 54SVH9440 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School

INDEX MAP

MAPSHEET 241 of 400

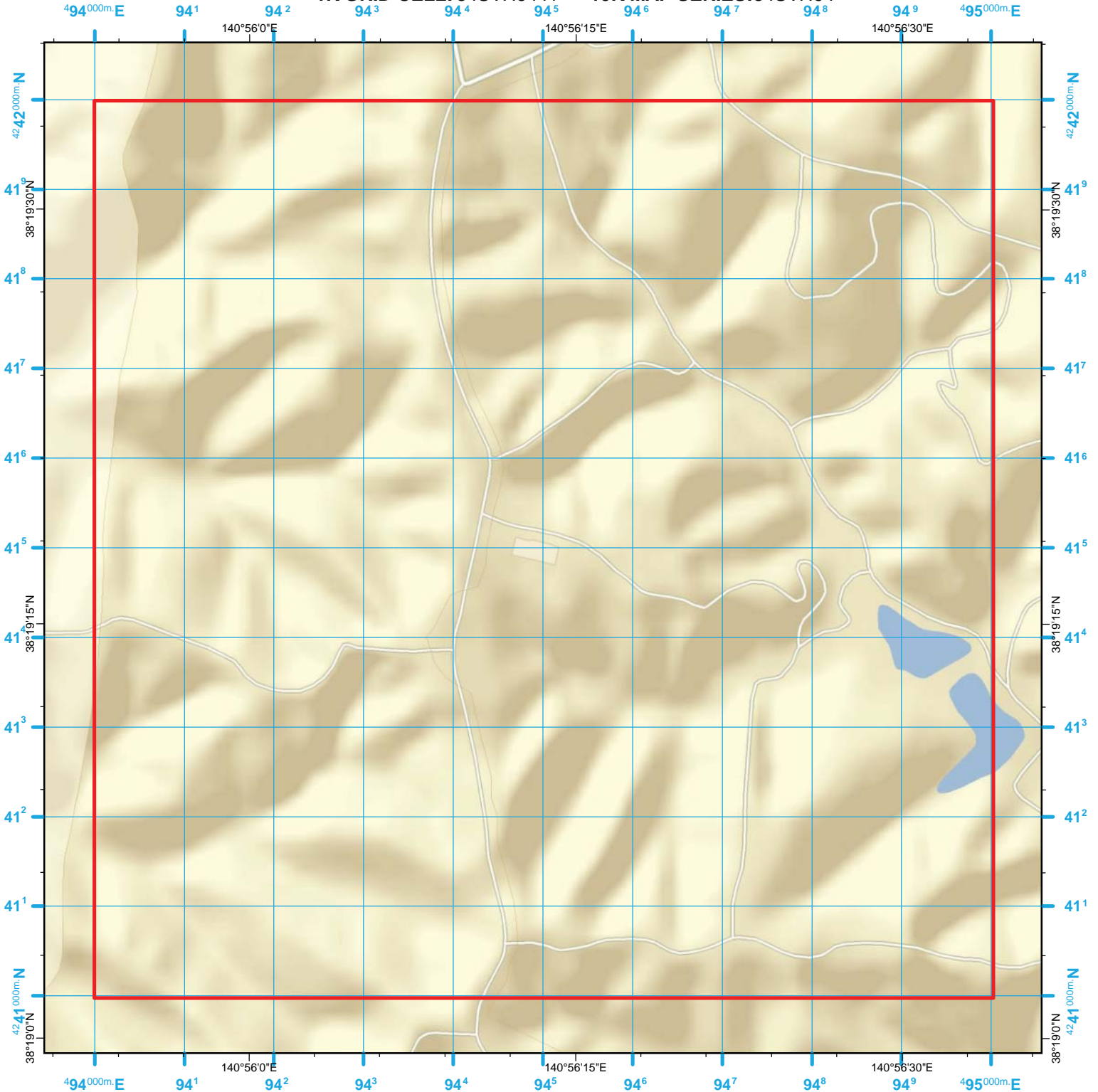
194	219	243	266	289
193	218	242	265	288
192	217	241	264	287
191	216	240	263	286
190	215	239	262	285

SENDAI, JAPAN



SENDAI, JAPAN

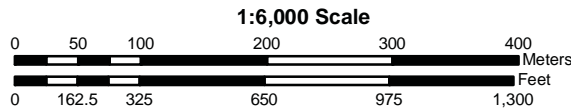
1K GRID CELL: 54SVH9441 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



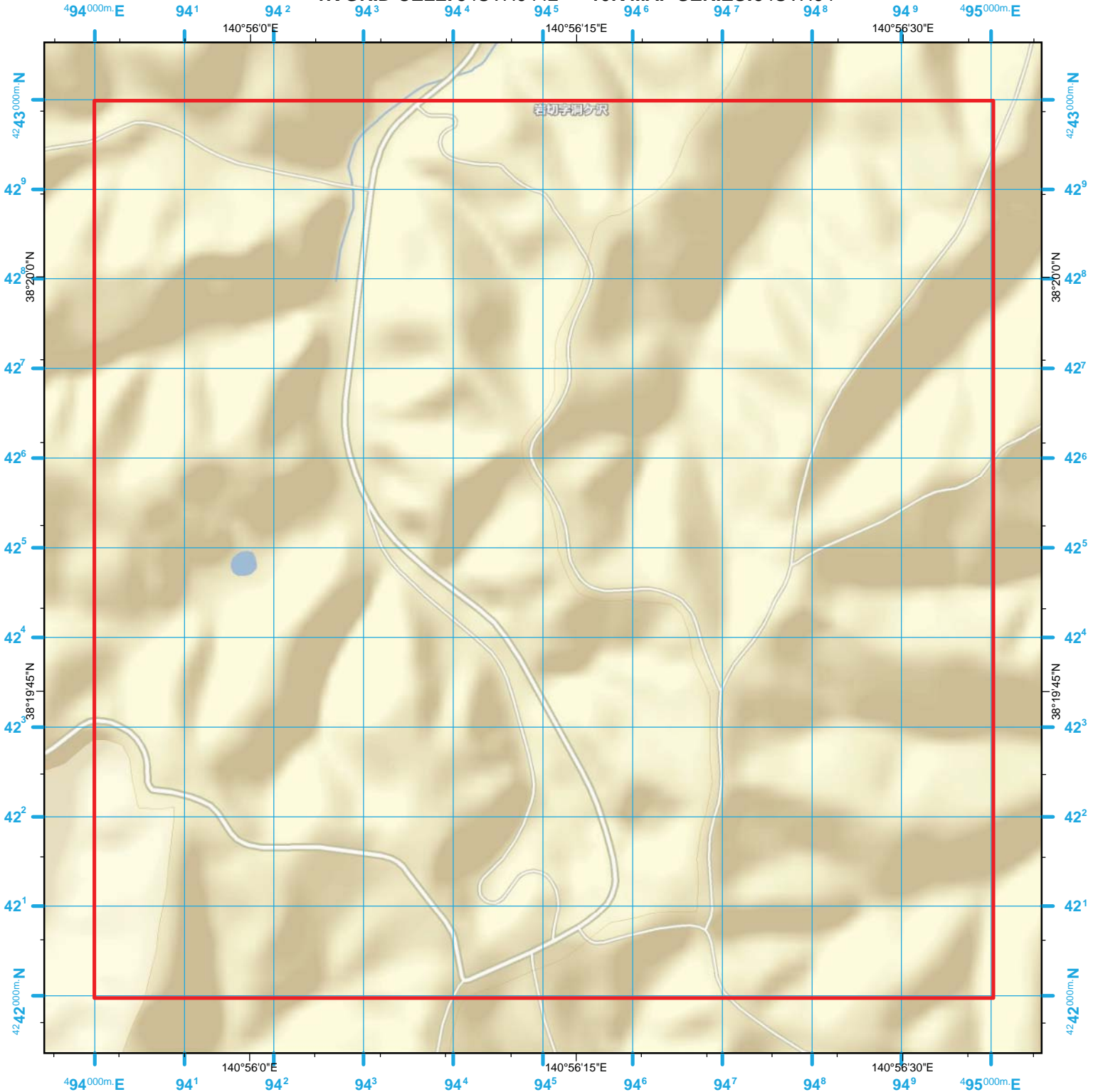
INDEX MAP

MAPSHEET 242 of 400

195	220	244	267	290
194	219	243	266	289
193	218	242	265	288
192	217	241	264	287
191	216	240	263	286

SENDAI, JAPAN

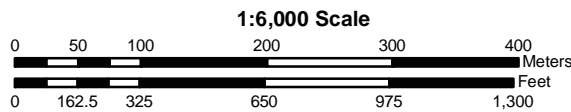
1K GRID CELL: 54SVH9442 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- 🏫 School



INDEX MAP

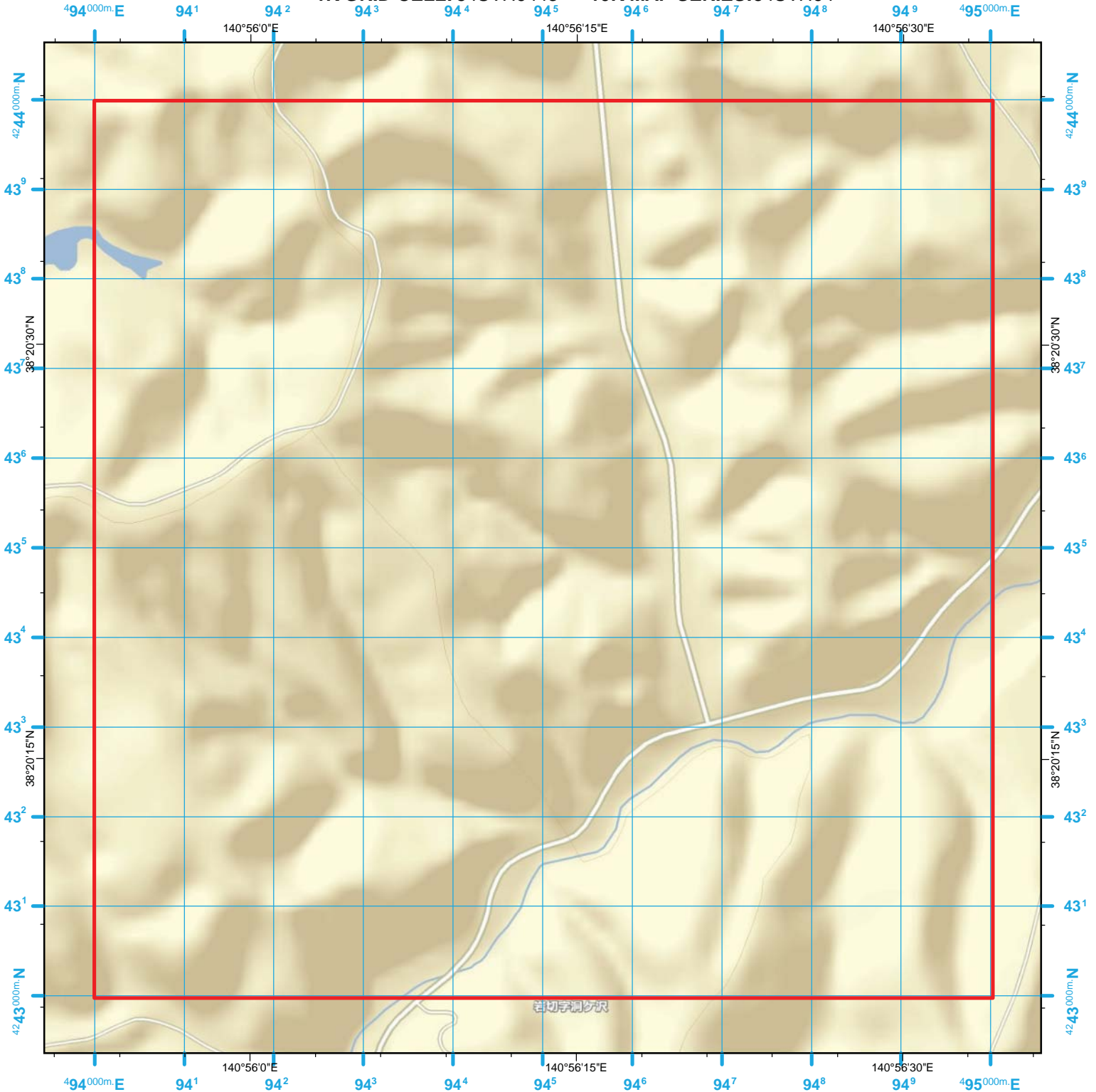
MAPSHEET 243 of 400

196	221	245	268	291
195	220	244	267	290
194	219	243	266	289
193	218	242	265	288
192	217	241	264	287

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1K GRID CELL: 54SVH9443 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
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Grid Zone Designation



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- P Police
- School



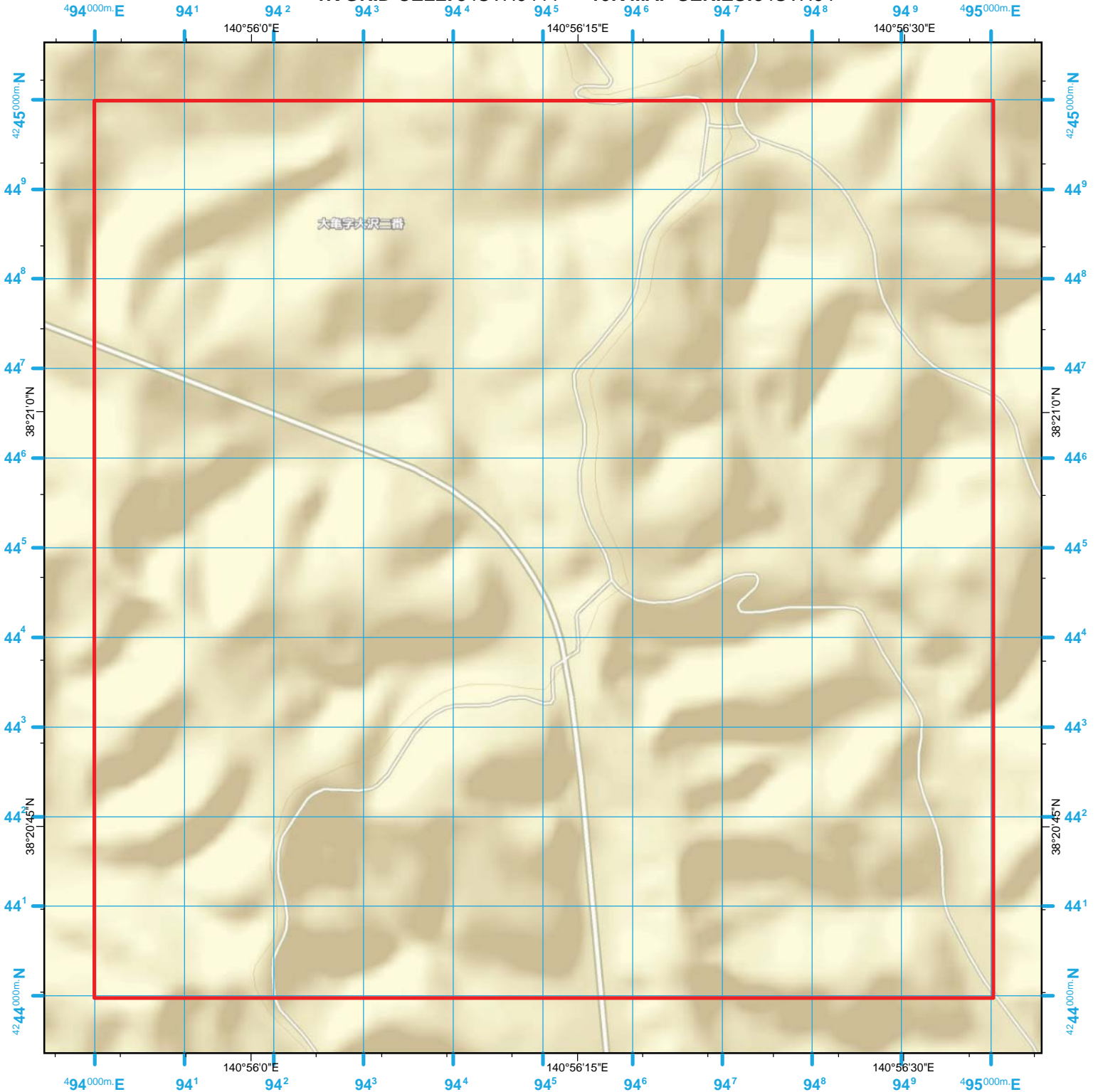
INDEX MAP

MAPSHEET 244 of 400

197	222	246	269	292
196	221	245	268	291
195	220	244	267	290
194	219	243	266	289
193	218	242	265	288

SENDAI, JAPAN

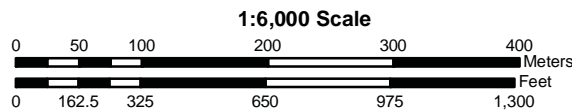
1K GRID CELL: 54SVH9444 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



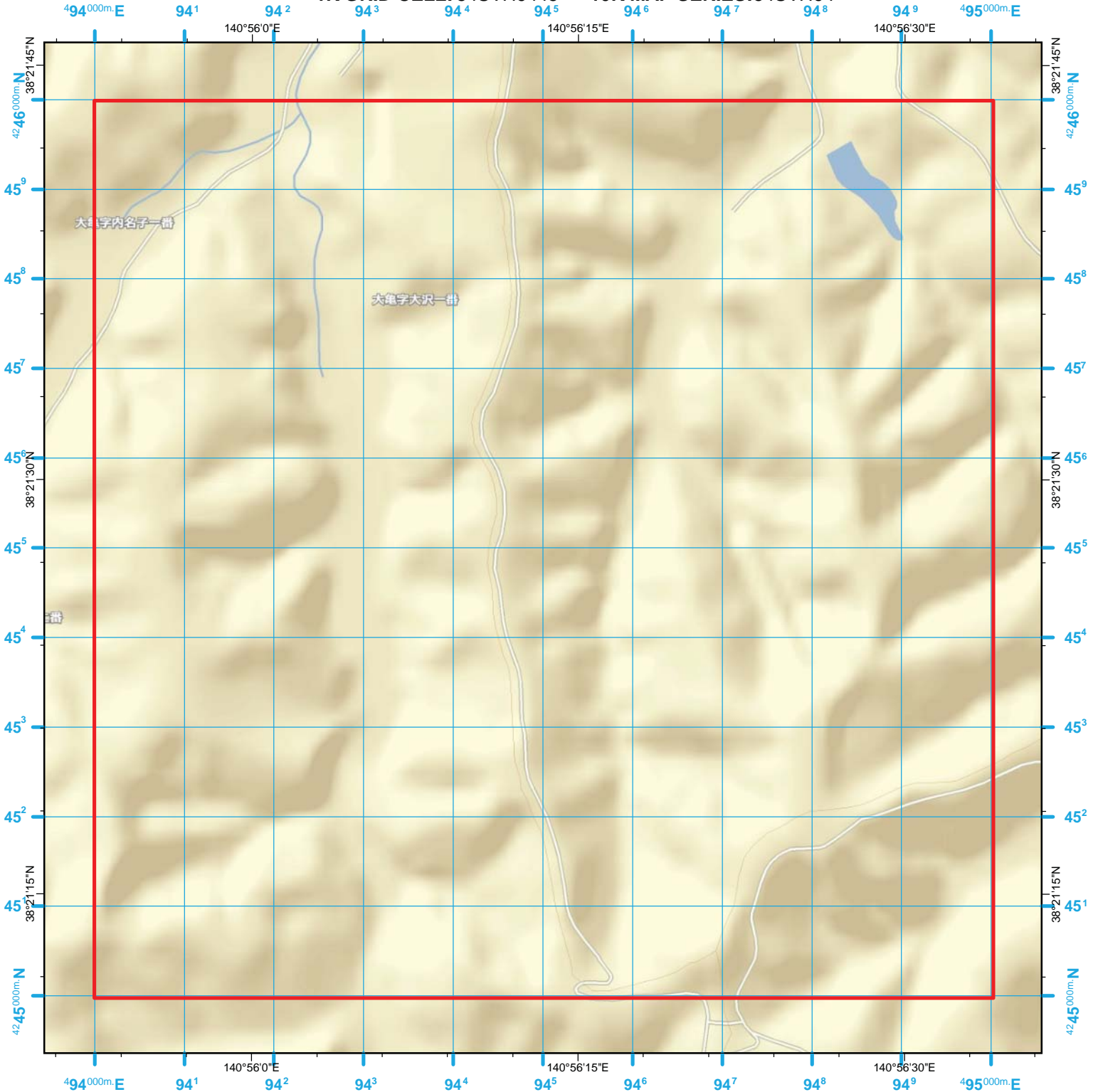
INDEX MAP

MAPSHEET 245 of 400

198	223			
197	222	246	269	292
196	221	245	268	291
195	220	244	267	290
194	219	243	266	289

SENDAI, JAPAN

1K GRID CELL: 54SVH9445 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation

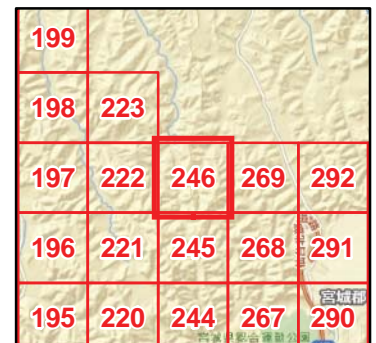


- Search Grid
- H Hospital
- P Police
- School



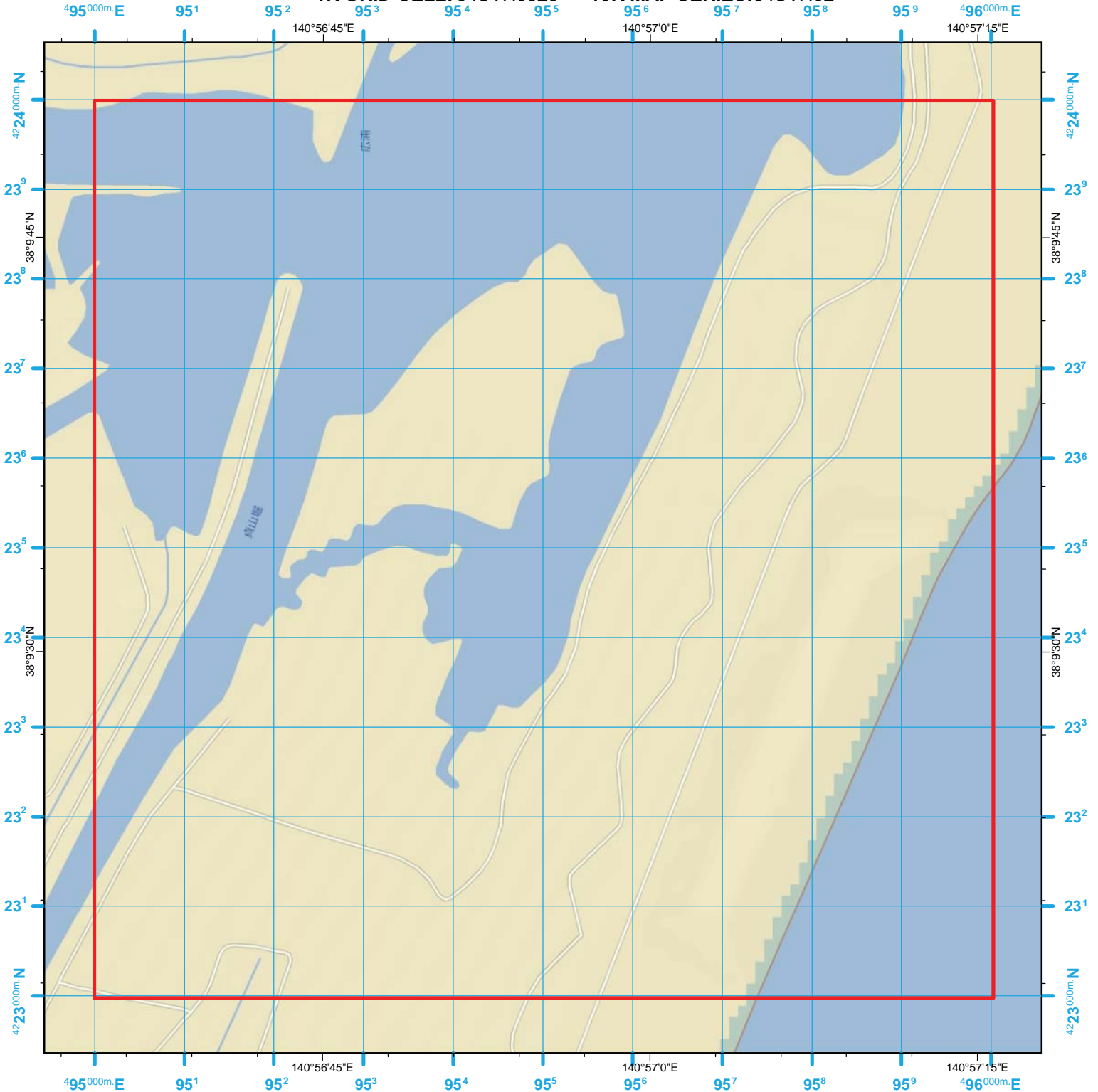
INDEX MAP

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SENDAI, JAPAN

1K GRID CELL: 54SVH9523 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation

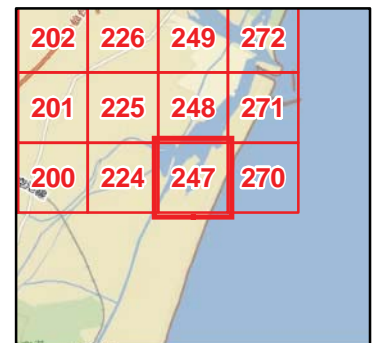


- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

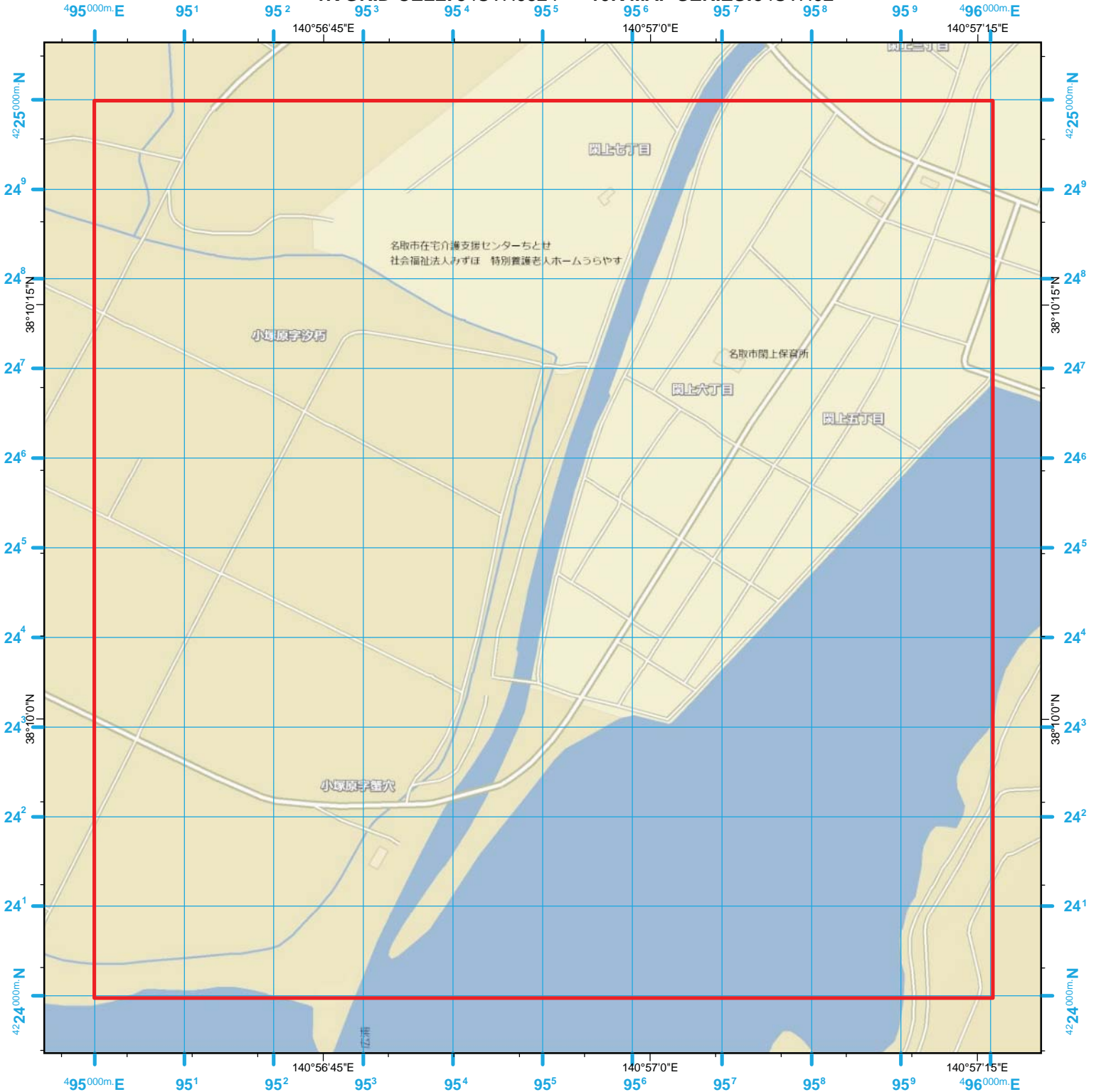
MAPSHEET 247 of 400



SENDAI, JAPAN

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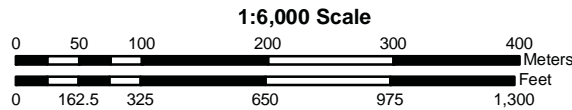
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

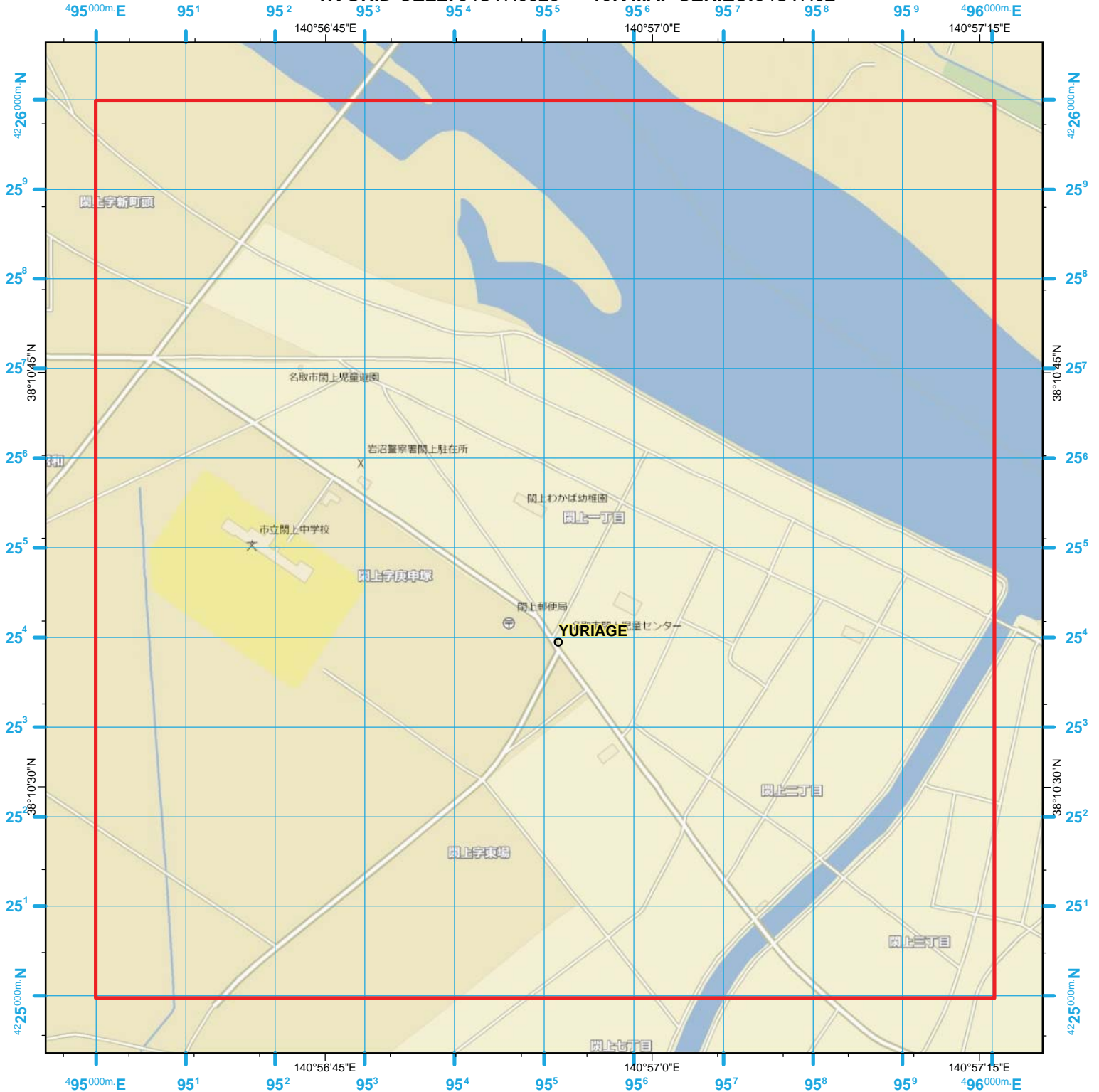
MAPSHEET 248 of 400

203	227	250	273	293
202	226	249	272	
201	225	248	271	
200	224	247	270	

SENDAI, JAPAN

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1K GRID CELL: 54SVH9525 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

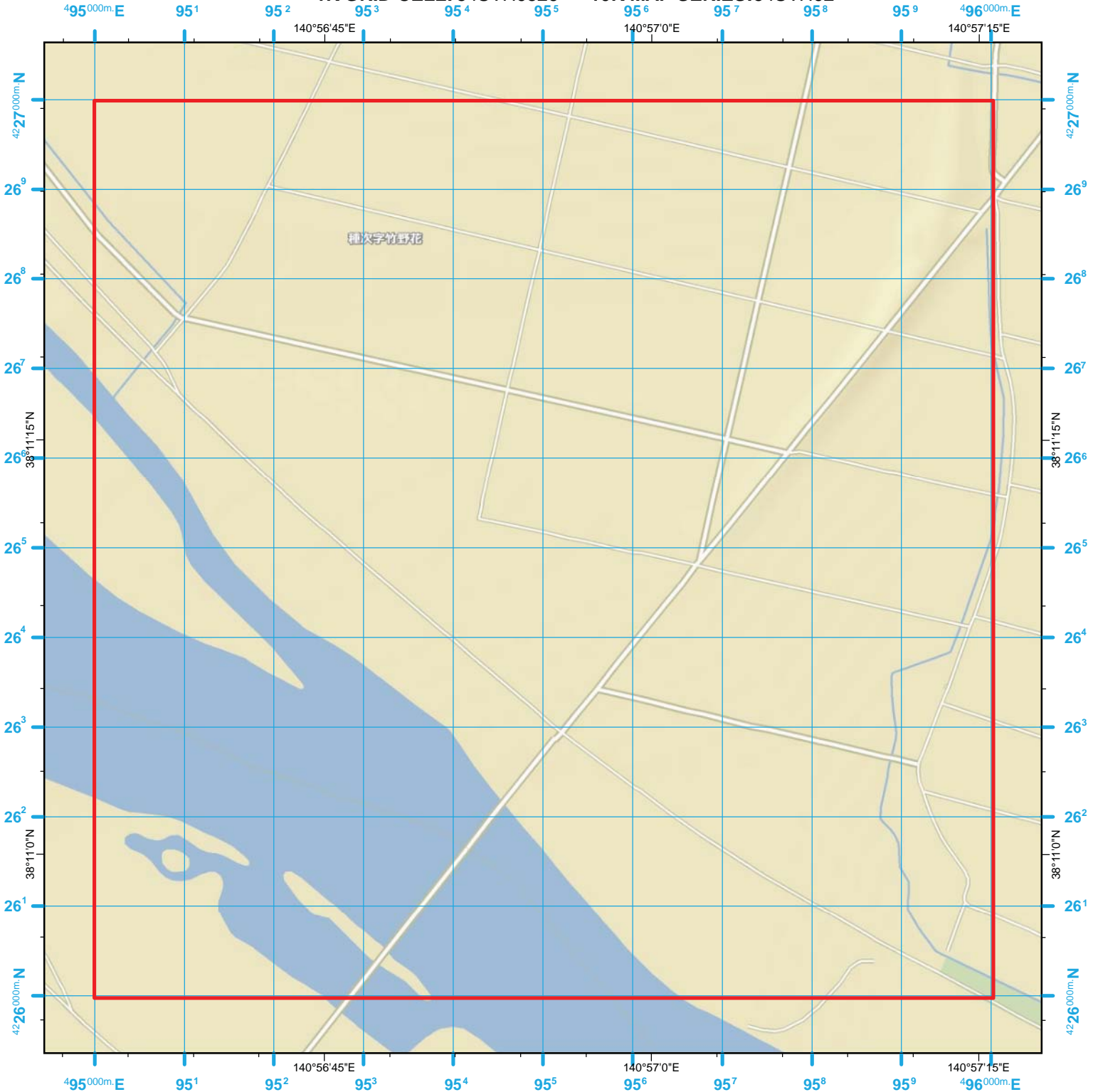
MAPSHEET 249 of 400

204	228	251	274	294
203	227	250	273	293
202	226	249	272	
201	225	248	271	
200	224	247	270	

SENDAI, JAPAN

1K GRID CELL: 54SVH9526

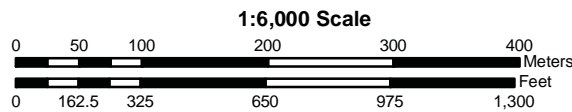
10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



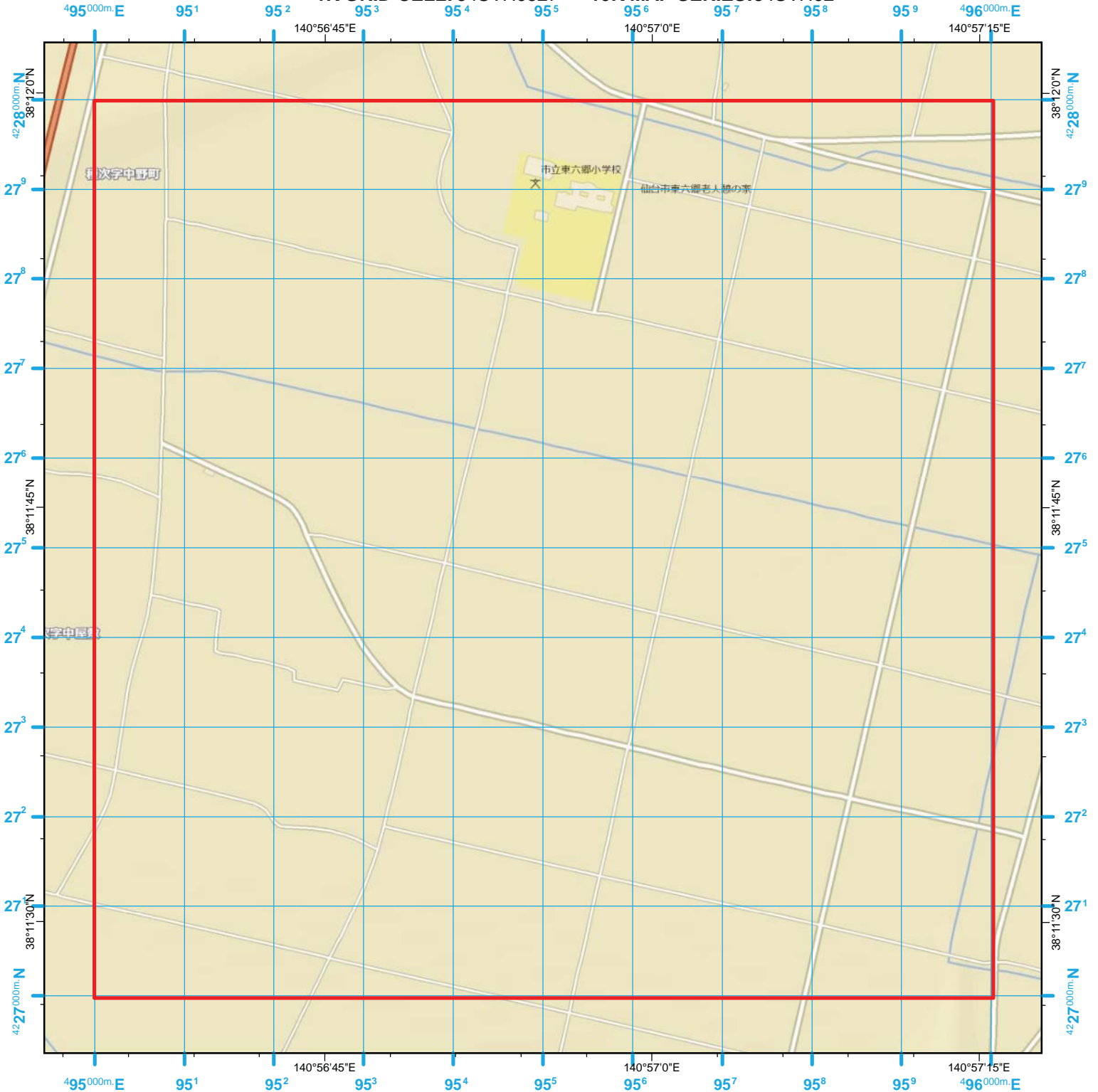
INDEX MAP

MAPSHEET 250 of 400

205	229	252	275	295
204	228	251	274	294
203	227	250	273	293
202	226	249	272	
201	225	248	271	

SENDAI, JAPAN

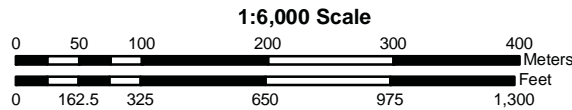
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

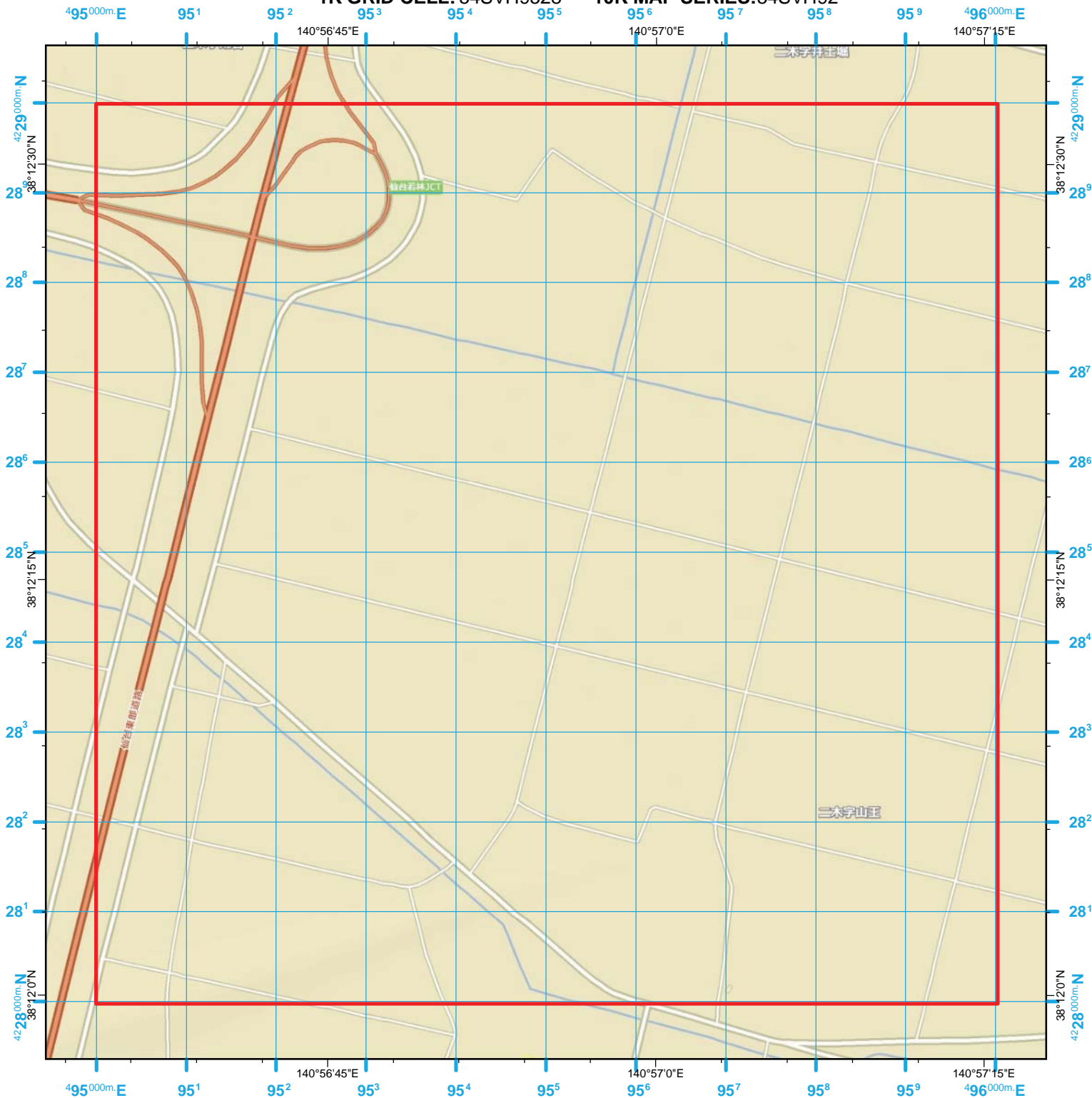
MAPSHEET 251 of 400

206	230	253	276	296
205	229	252	275	295
204	228	251	274	294
203	227	250	273	293
202	226	249	272	

SENDAI, JAPAN

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1K GRID CELL: 54SVH9528 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

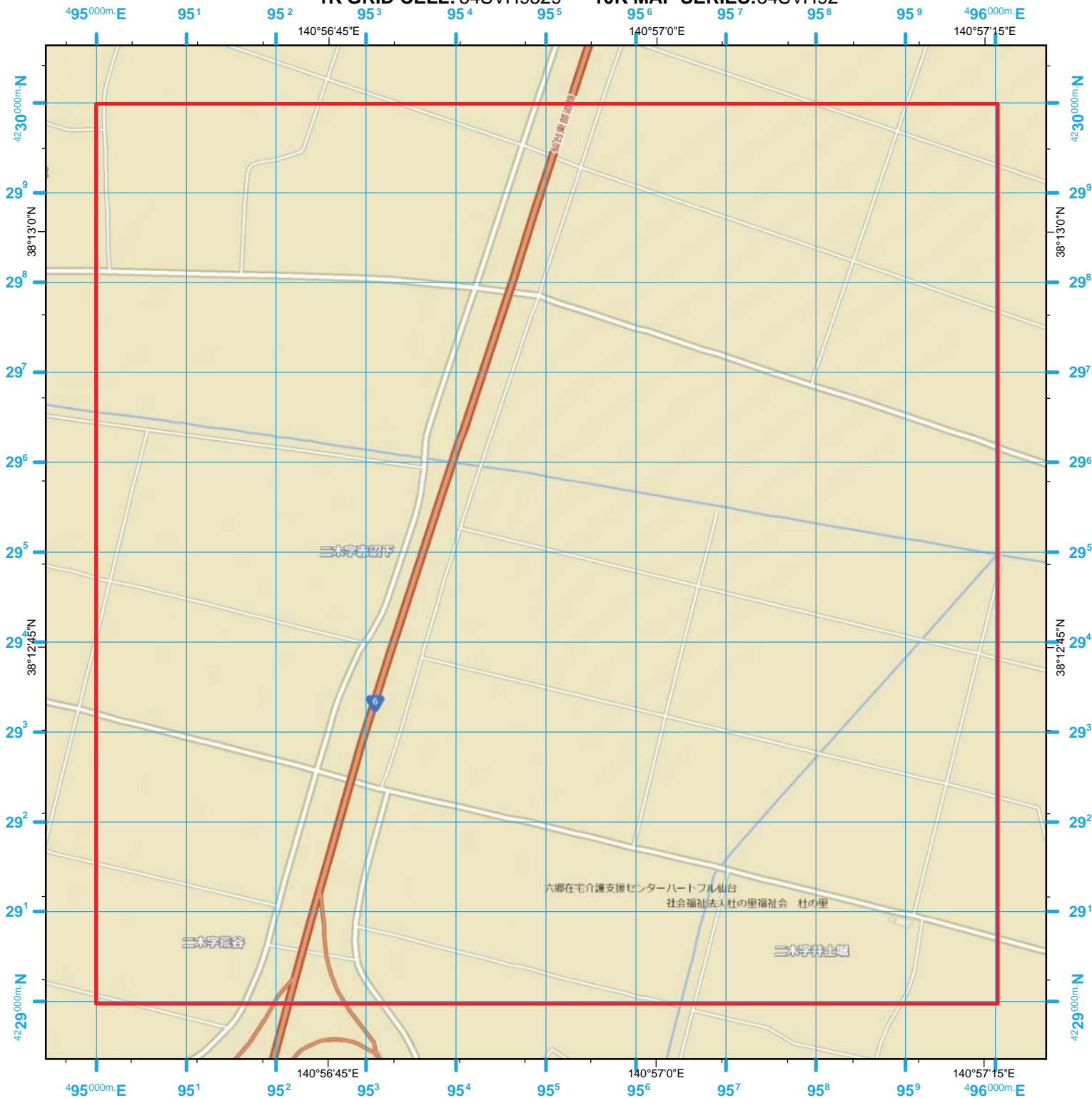
MAPSHEET 252 of 400

207	231	254	277	297
206	230	253	276	296
205	229	252	275	295
204	228	251	274	294
203	227	250	273	293

SENDAI, JAPAN

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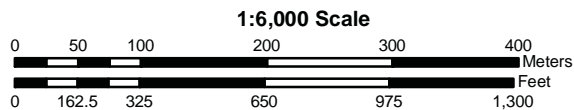
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

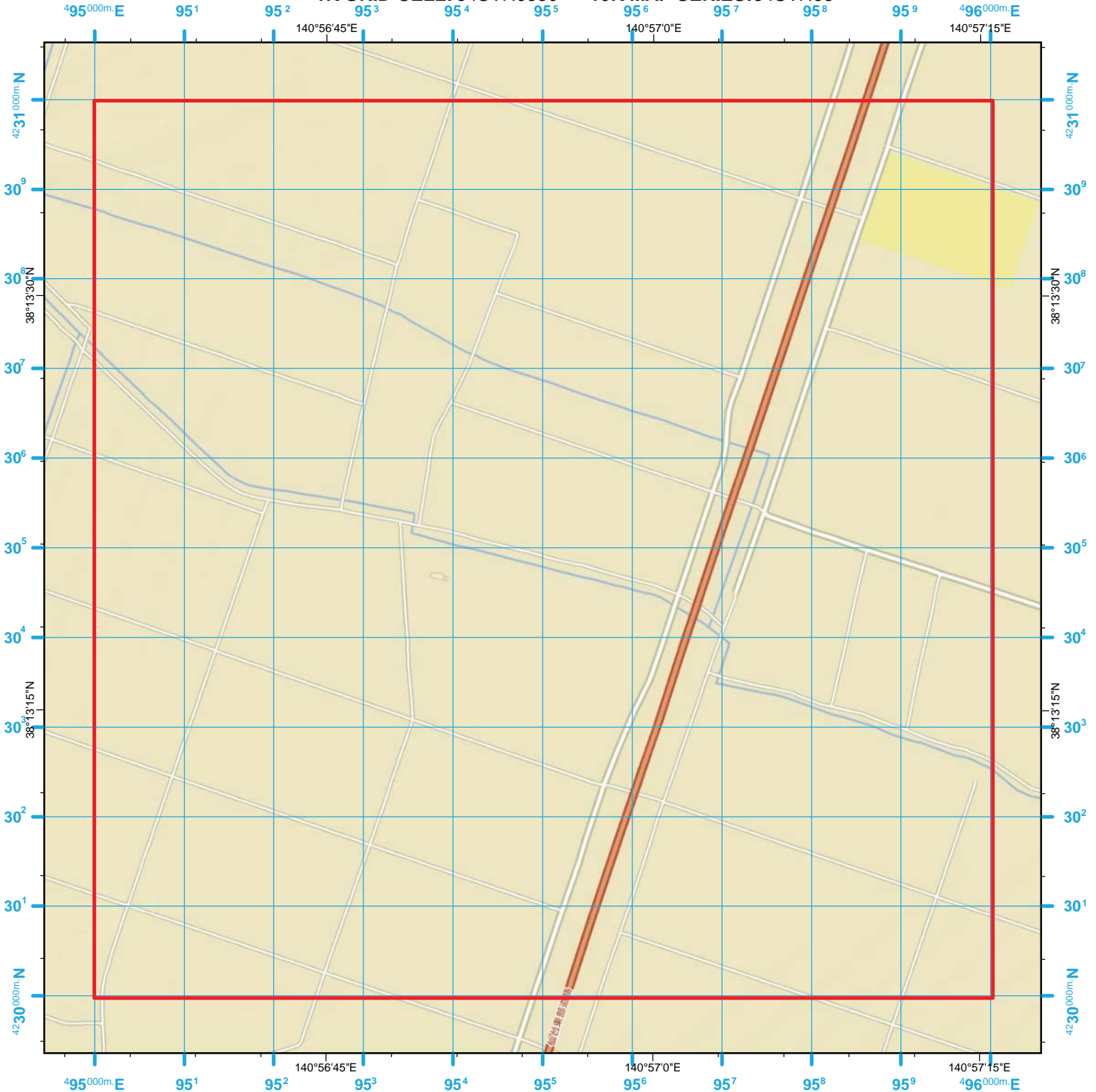
MAPSHEET 253 of 400

208	232	255	278	298
207	231	254	277	297
206	230	253	276	296
205	229	252	275	295
204	228	251	274	294

SENDAI, JAPAN

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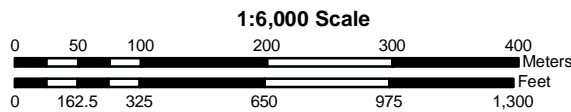
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



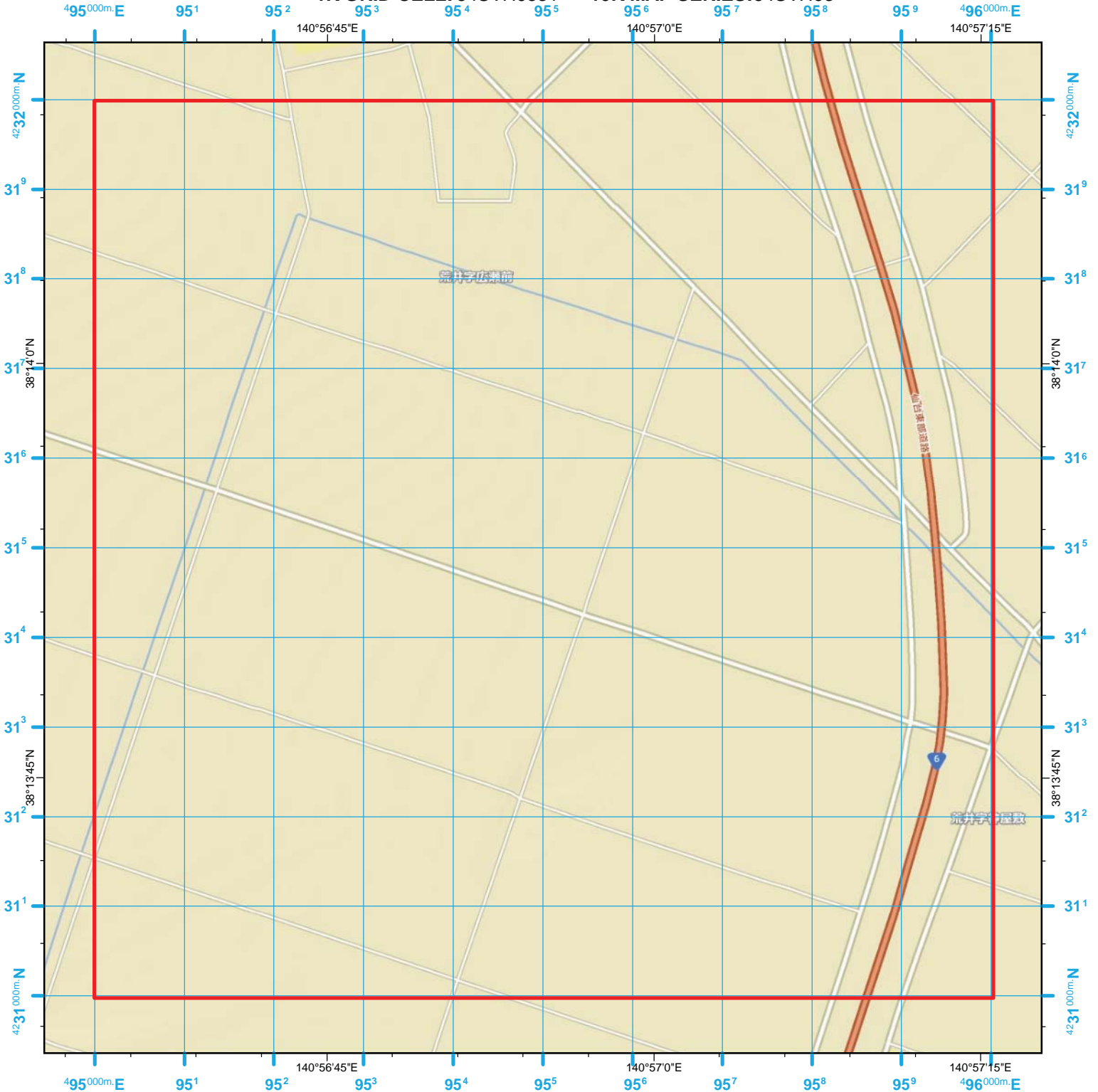
INDEX MAP

MAPSHEET 254 of 400

209	233	256	279	299
208	232	255	278	298
207	231	254	277	297
206	230	253	276	296
205	229	252	275	295

SENDAI, JAPAN

1K GRID CELL: 54SVH9531 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



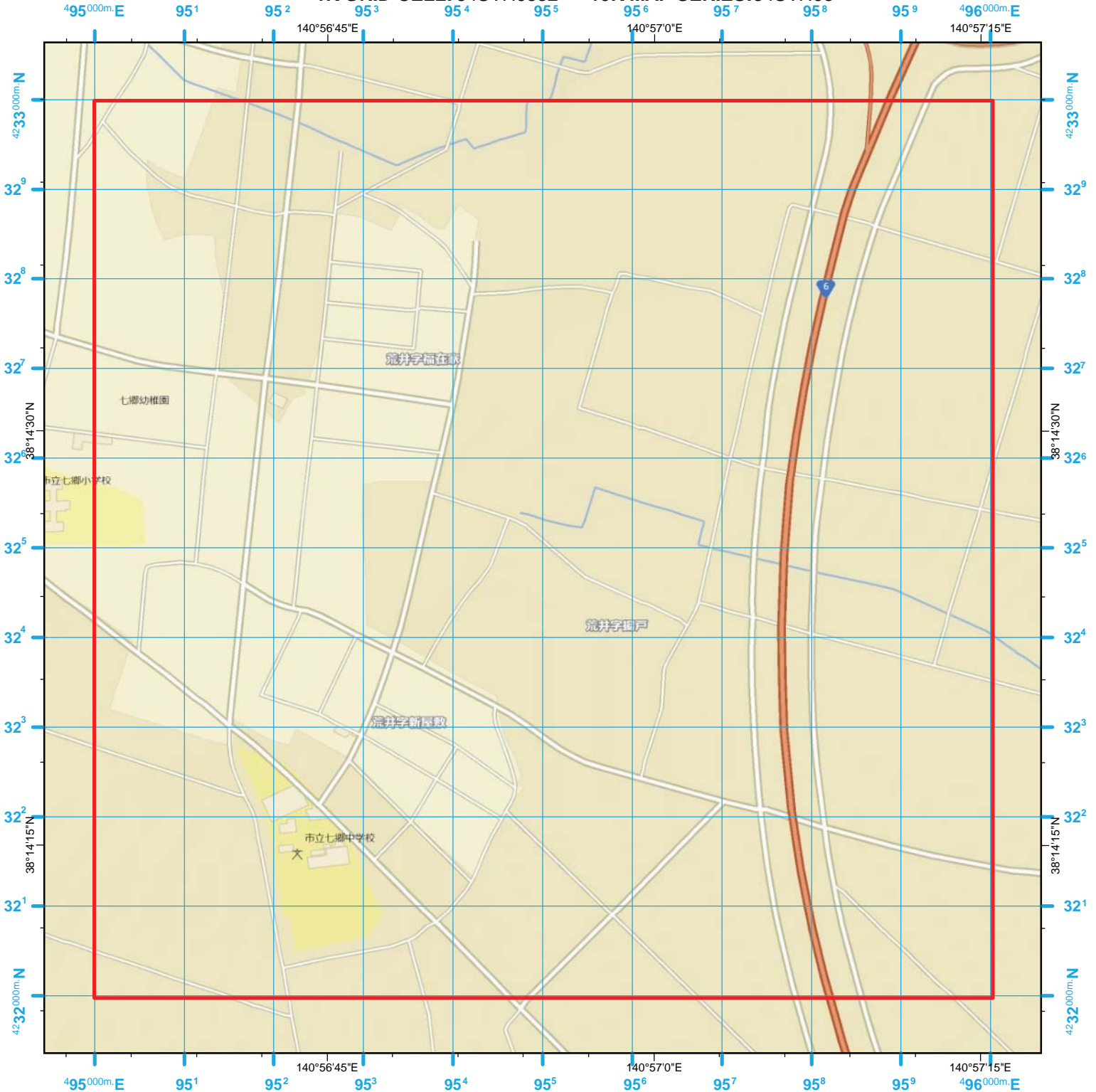
INDEX MAP

MAPSHEET 255 of 400

210	234	257	280	300
209	233	256	279	299
208	232	255	278	298
207	231	254	277	297
206	230	253	276	296

SENDAI, JAPAN

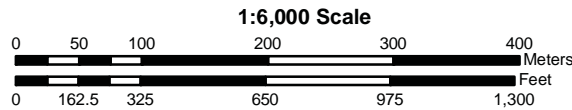
1K GRID CELL: 54SVH9532 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

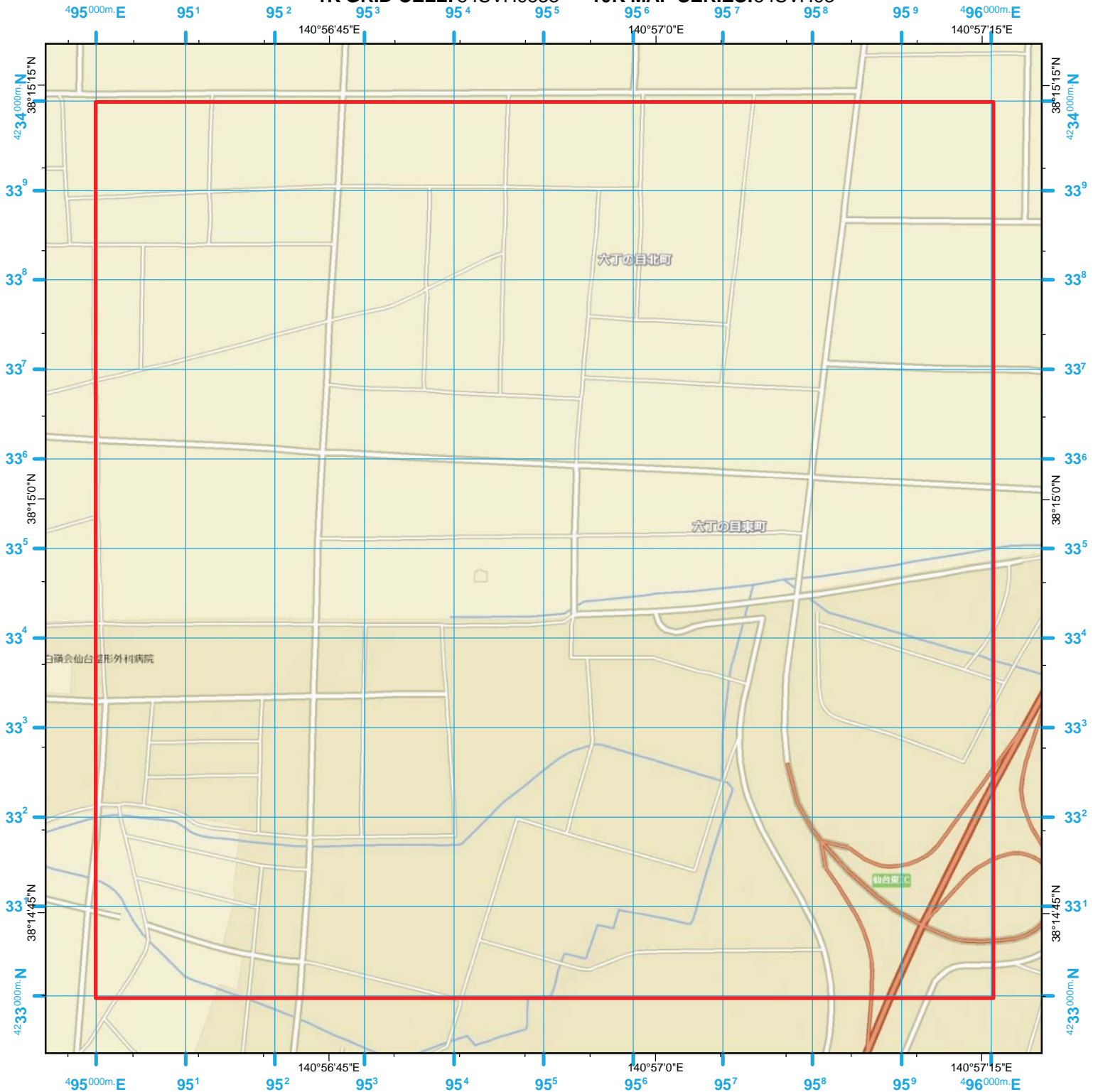
MAPSHEET 256 of 400

211	235	258	281	301
210	234	257	280	300
209	233	256	279	299
208	232	255	278	298
207	231	254	277	297

SENDAI, JAPAN

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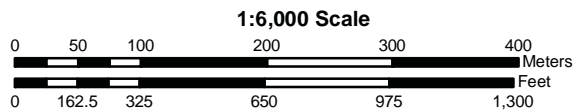
1K GRID CELL: 54SVH9533 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

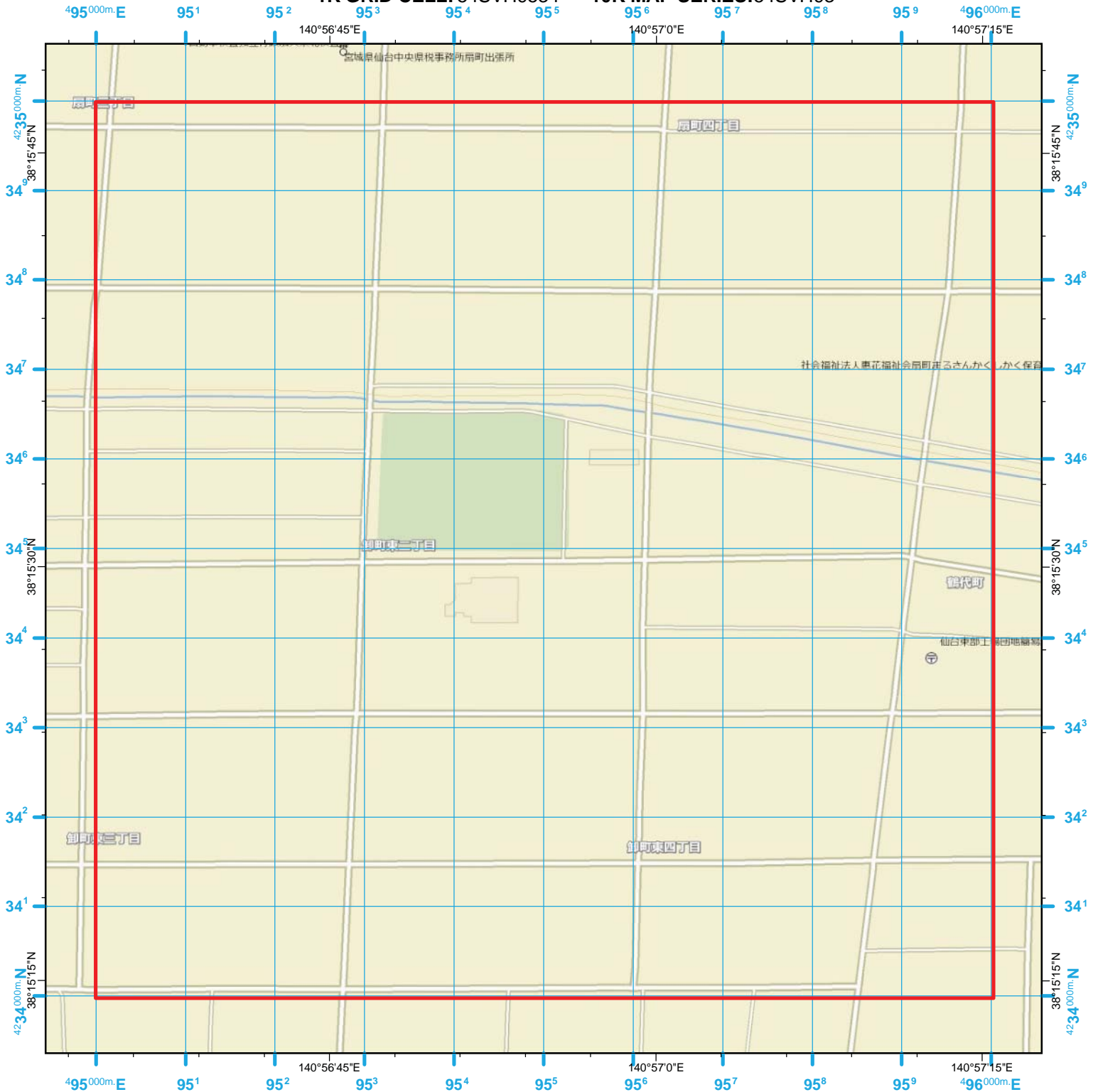
MAPSHEET 257 of 400

212	236	259	282	302
211	235	258	281	301
210	234	257	280	300
209	233	256	279	299
208	232	255	278	298

SENDAI, JAPAN

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1K GRID CELL: 54SVH9534 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

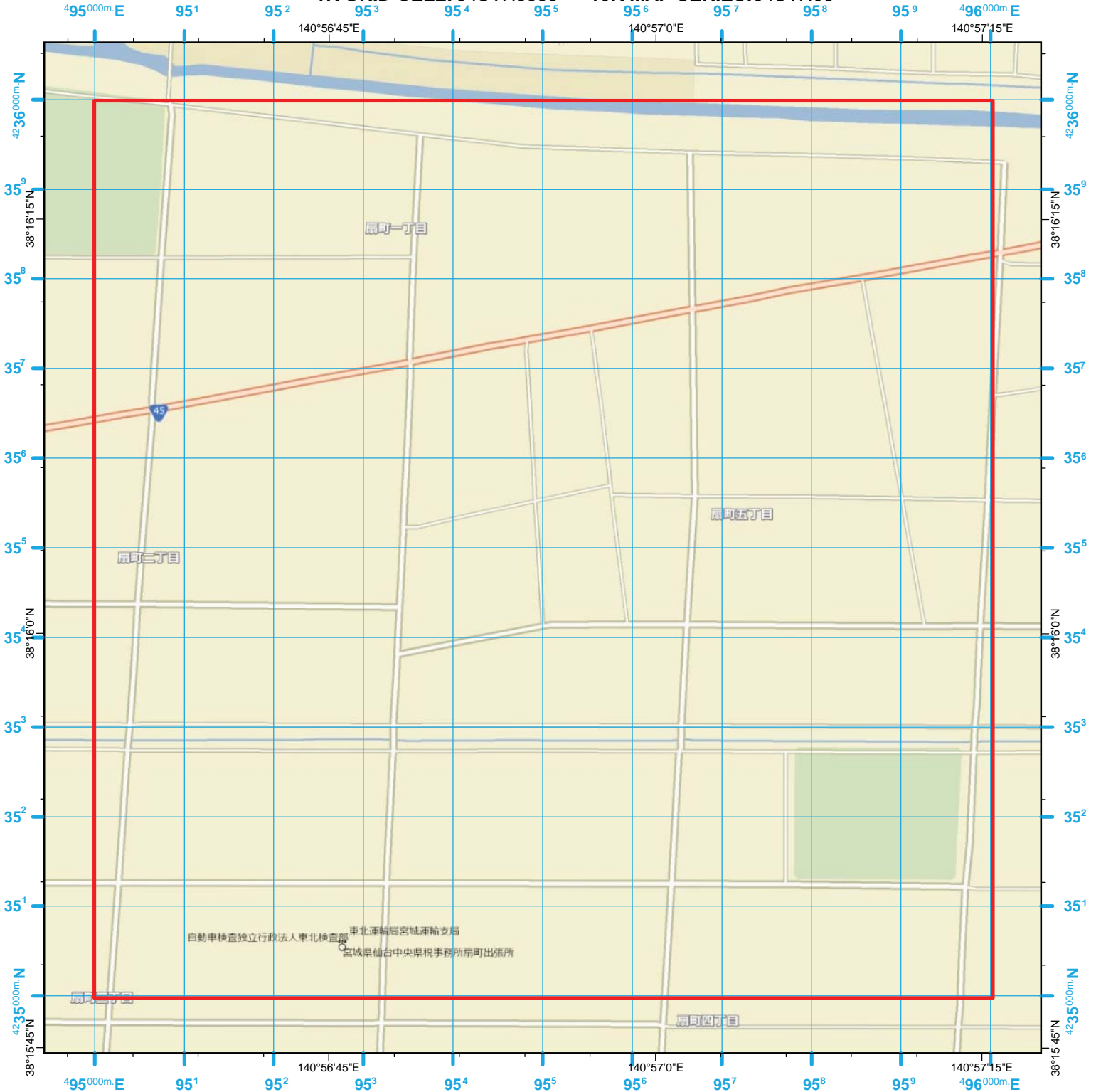
MAPSHEET 258 of 400

213	237	260	283	303
212	236	259	282	302
211	235	258	281	301
210	234	257	280	300
209	233	256	279	299

SENDAI, JAPAN

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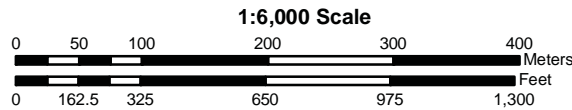
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

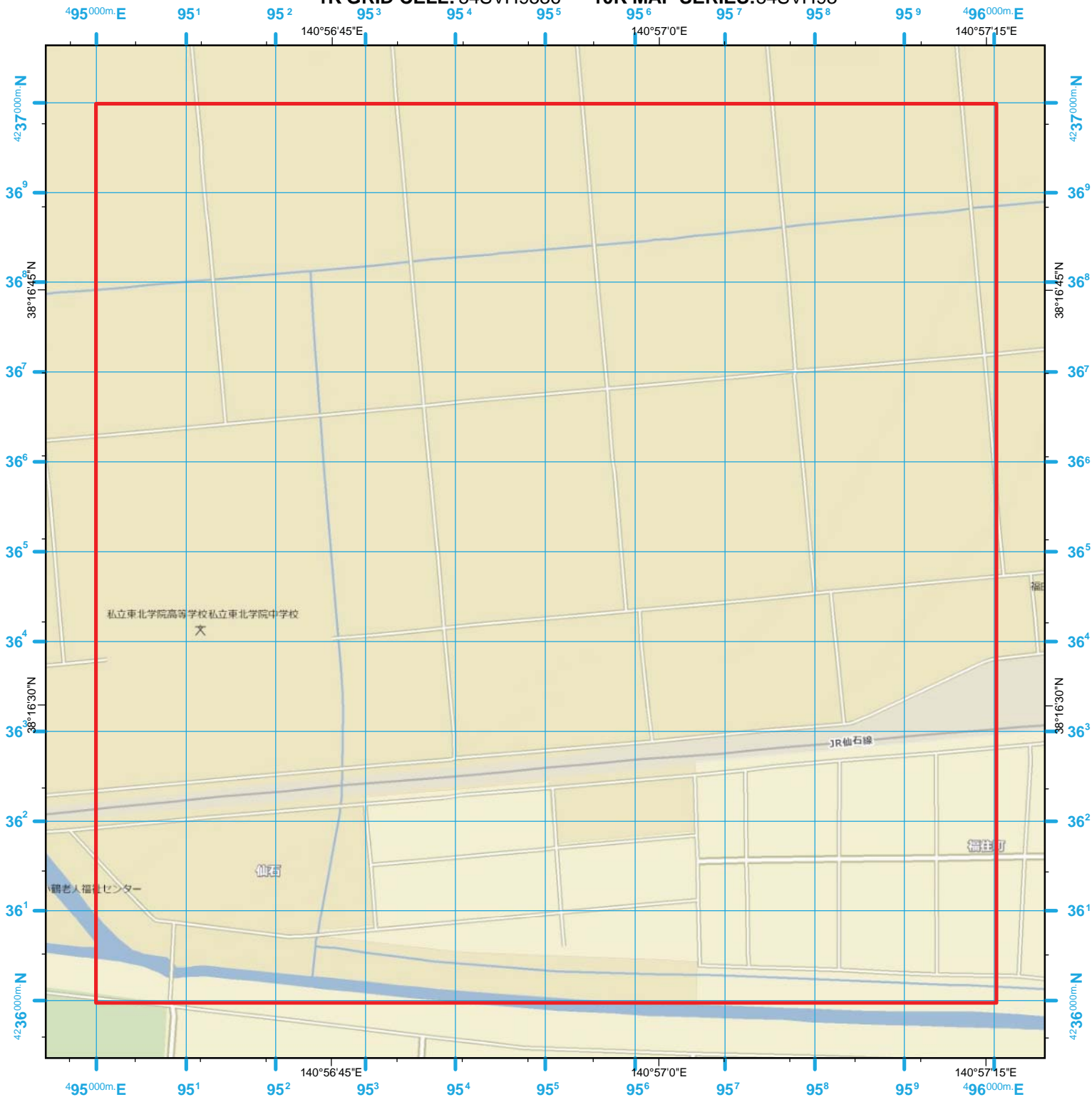
MAPSHEET 259 of 400

214	238	261	284	304
213	237	260	283	303
212	236	259	282	302
211	235	258	281	301
210	234	257	280	300

SENDAI, JAPAN

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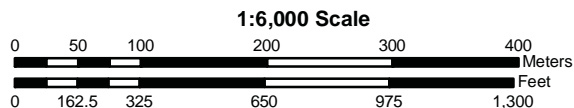
1K GRID CELL: 54SVH9536 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

INDEX MAP

MAPSHEET 260 of 400

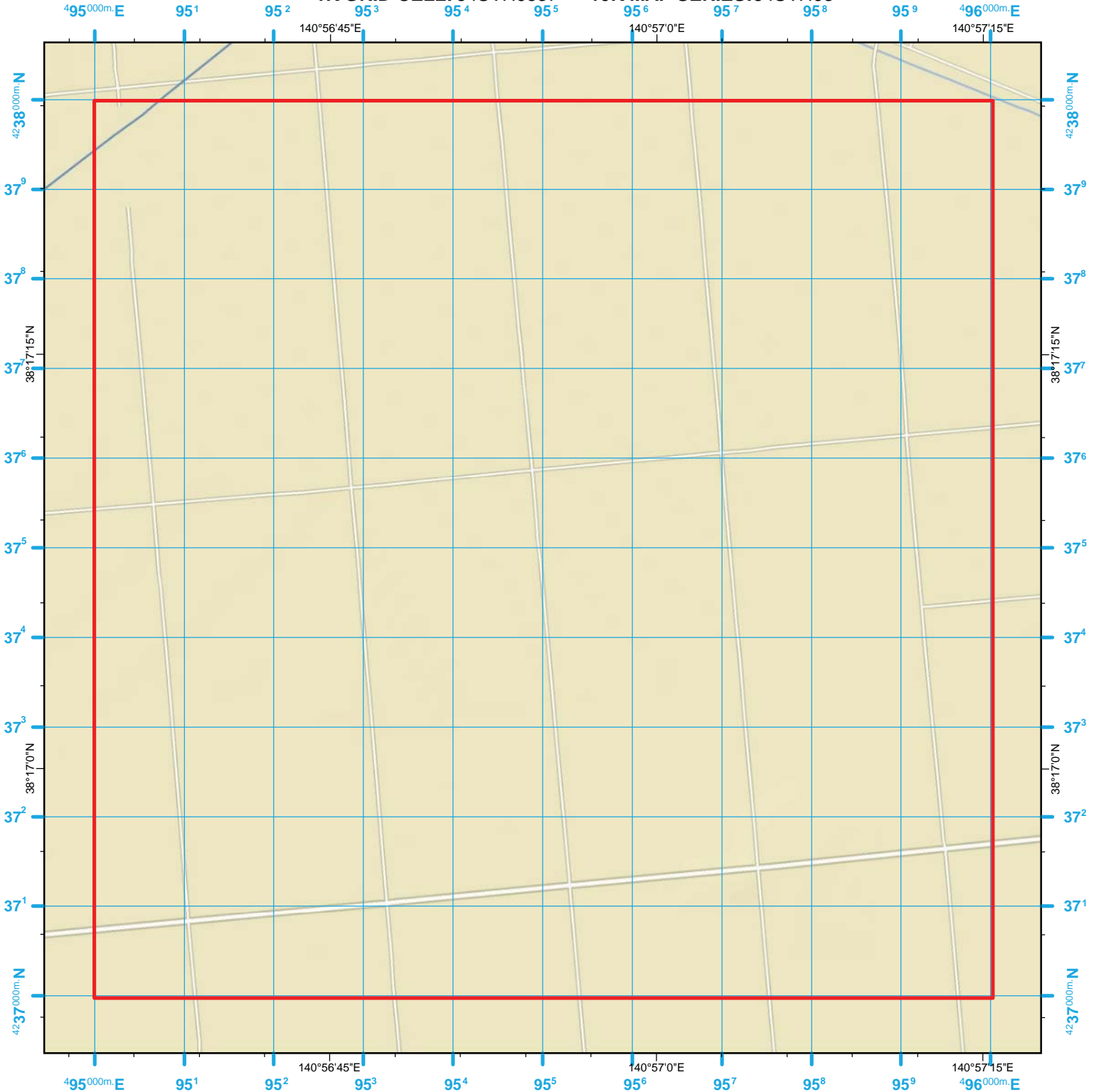
215	239	262	285	305
214	238	261	284	304
213	237	260	283	303
212	236	259	282	302
211	235	258	281	301

SENDAI, JAPAN



SENDAI, JAPAN

1K GRID CELL: 54SVH9537 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

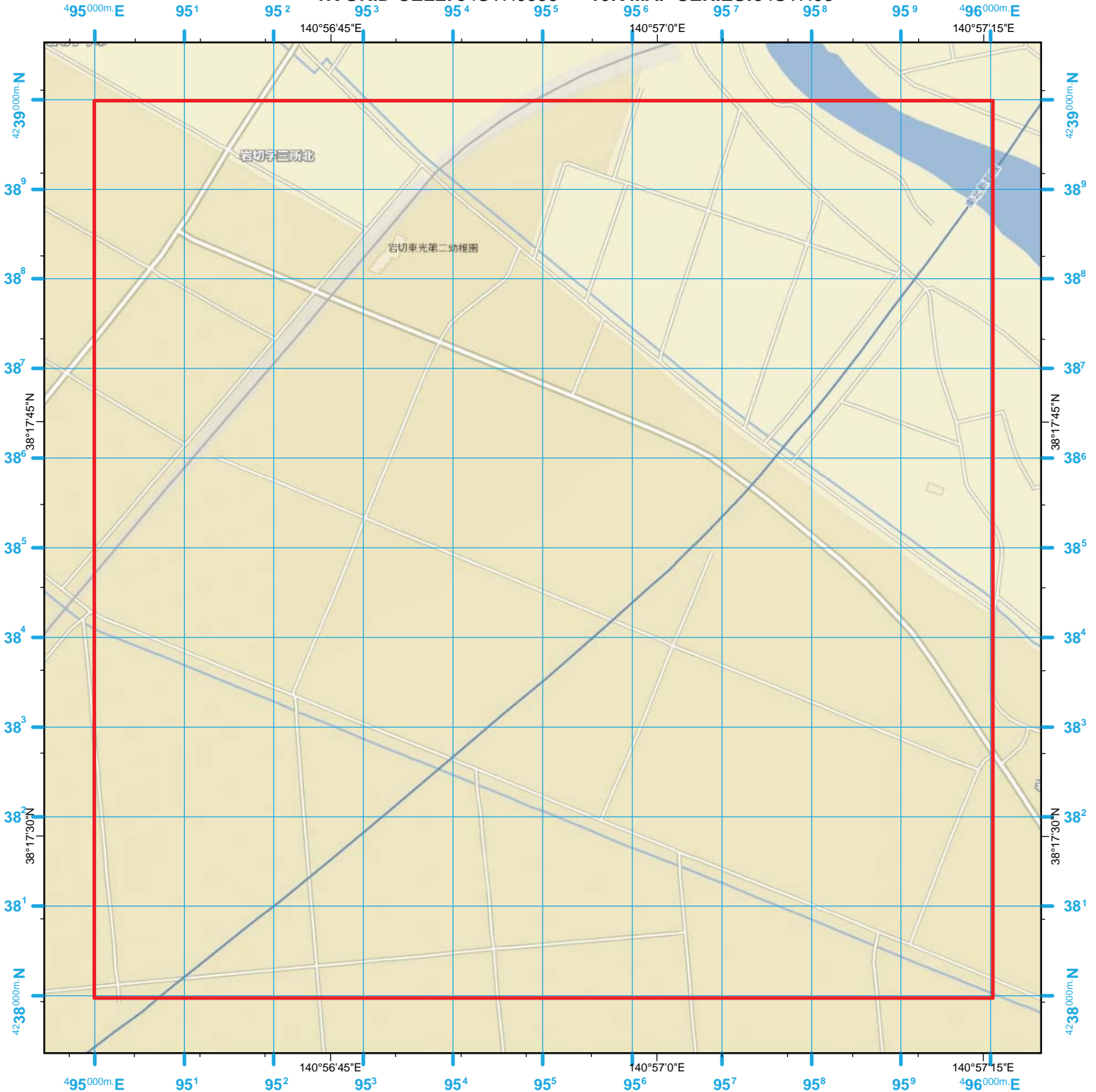
MAPSHEET 261 of 400

216	240	263	286	306
215	239	262	285	305
214	238	261	284	304
213	237	260	283	303
212	236	259	282	302

SENDAI, JAPAN

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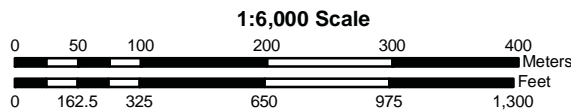
1K GRID CELL: 54SVH9538 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

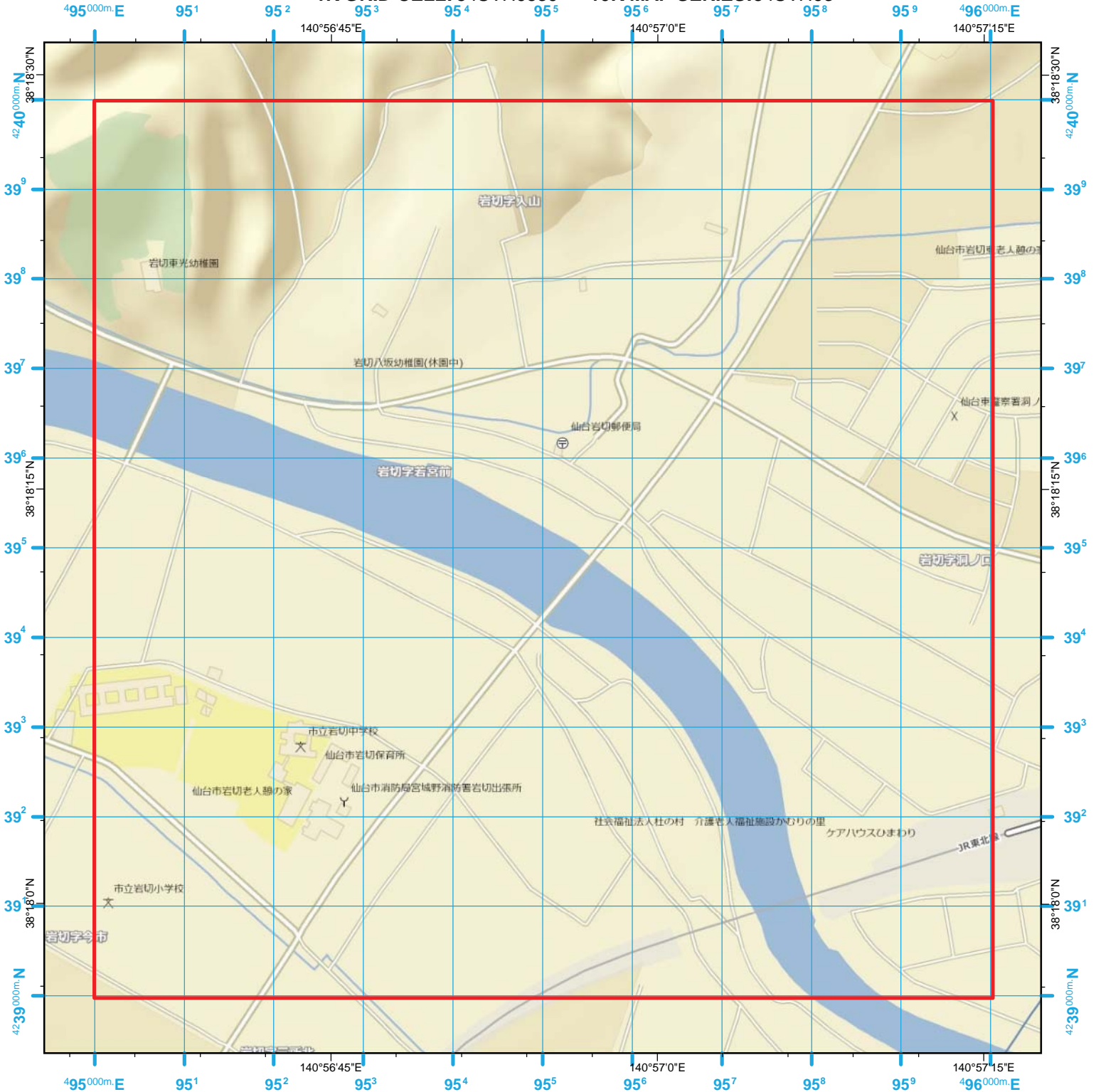
MAPSHEET 262 of 400

217	241	264	287	307
216	240	263	286	306
215	239	262	285	305
214	238	261	284	304
213	237	260	283	303

SENDAI, JAPAN

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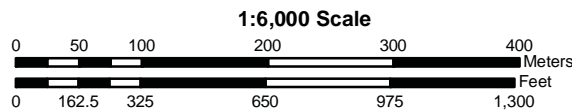
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

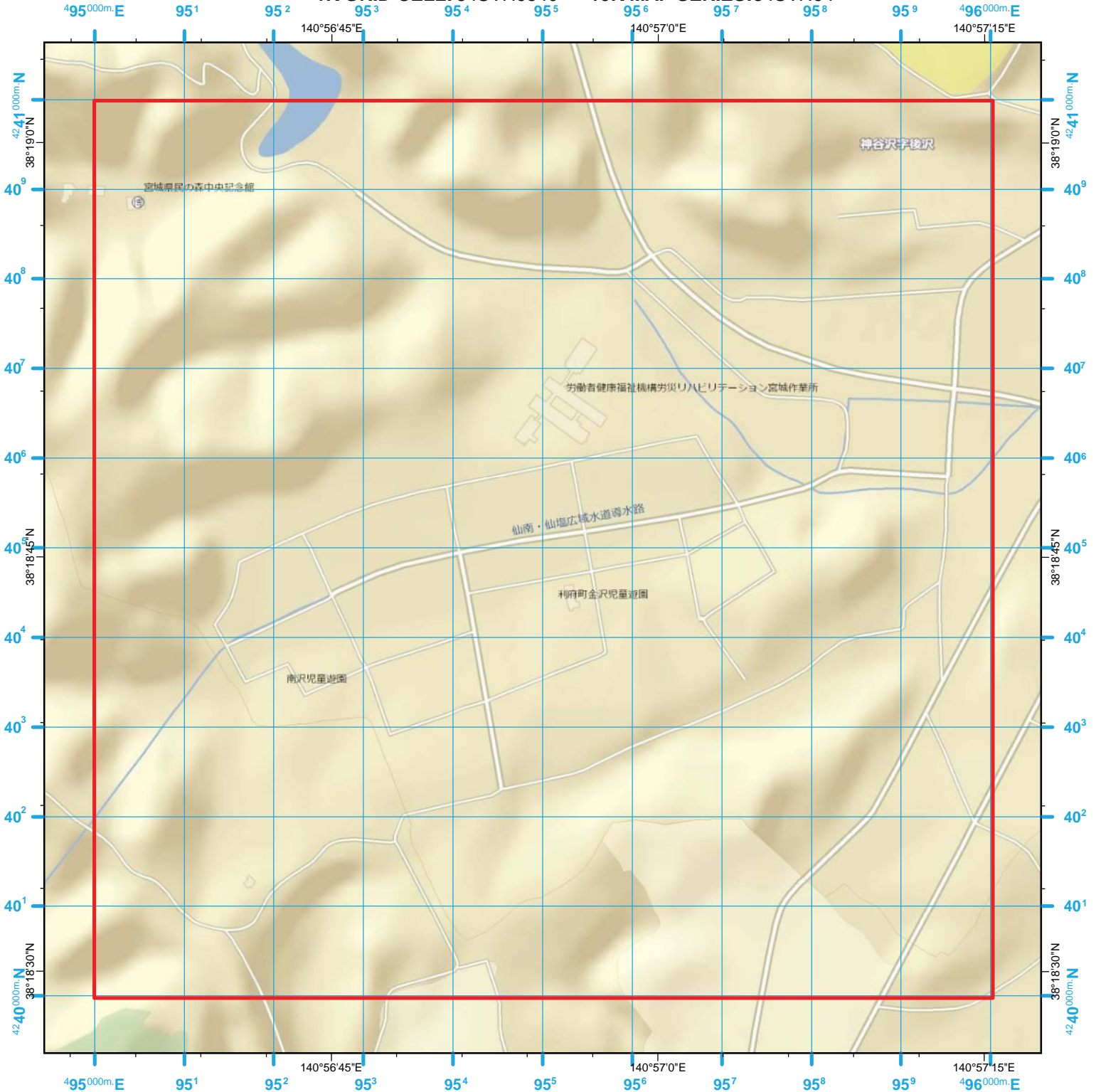
MAPSHEET 263 of 400

218	242	265	288	308
217	241	264	287	307
216	240	263	286	306
215	239	262	285	305
214	238	261	284	304

SENDAI, JAPAN

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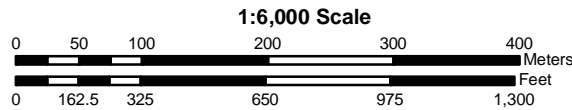
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



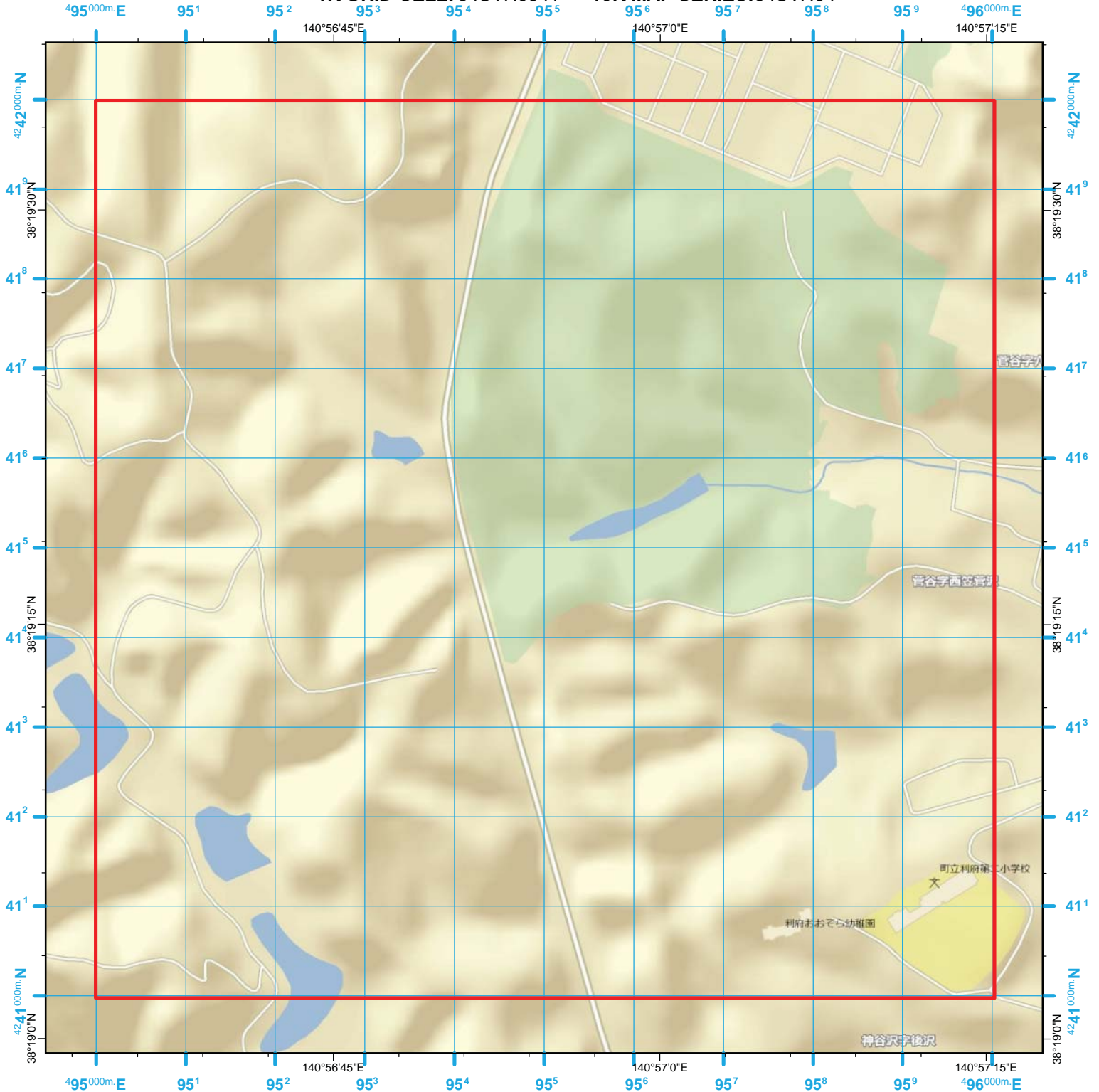
INDEX MAP

MAPSHEET 264 of 400

219	243	266	289	309
218	242	265	288	308
217	241	264	287	307
216	240	263	286	306
215	239	262	285	305

SENDAI, JAPAN

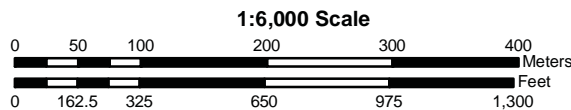
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



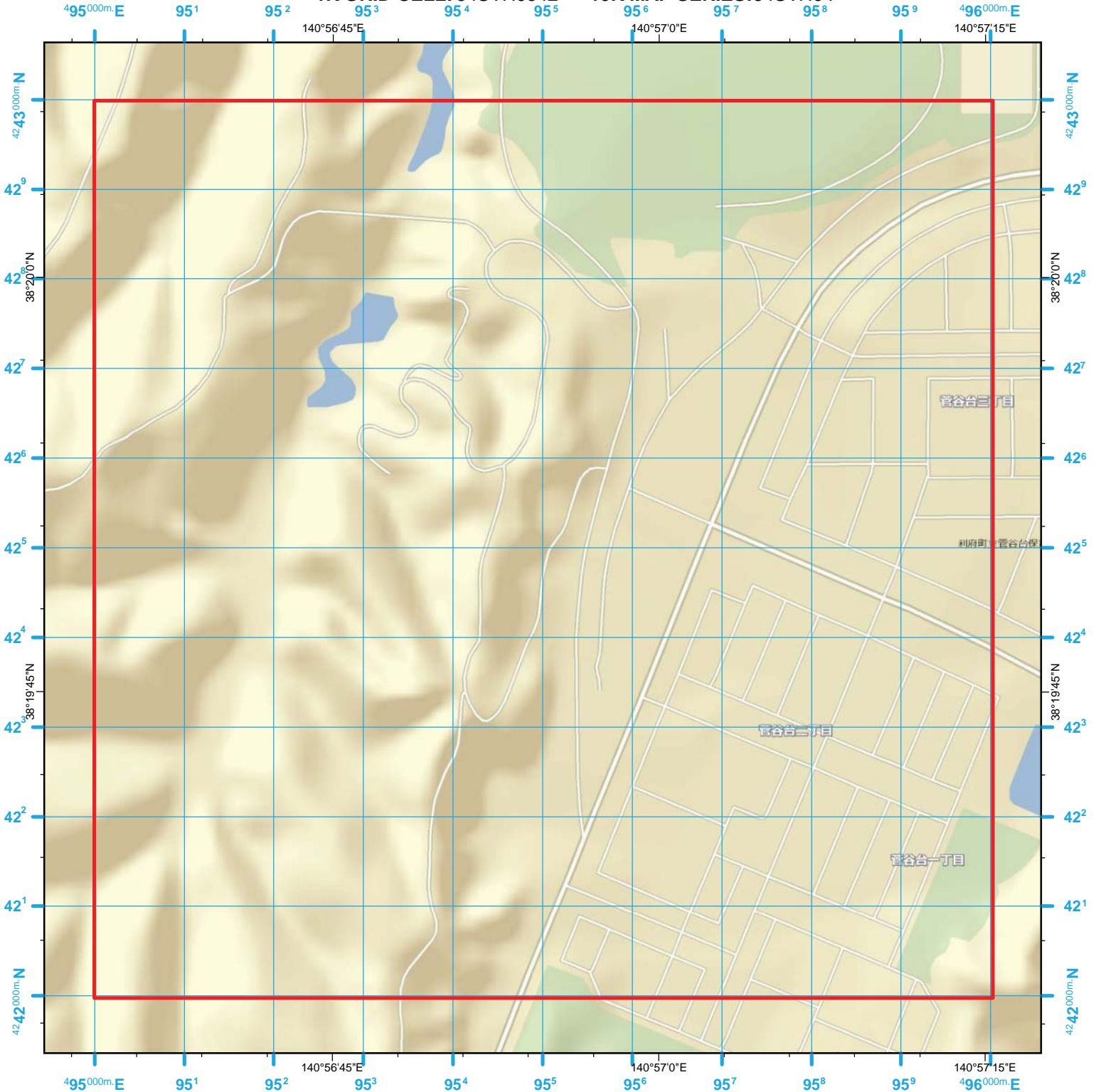
INDEX MAP

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220	244	267	290	310
219	243	266	289	309
218	242	265	288	308
217	241	264	287	307
216	240	263	286	306

SENDAI, JAPAN

1K GRID CELL: 54SVH9542 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



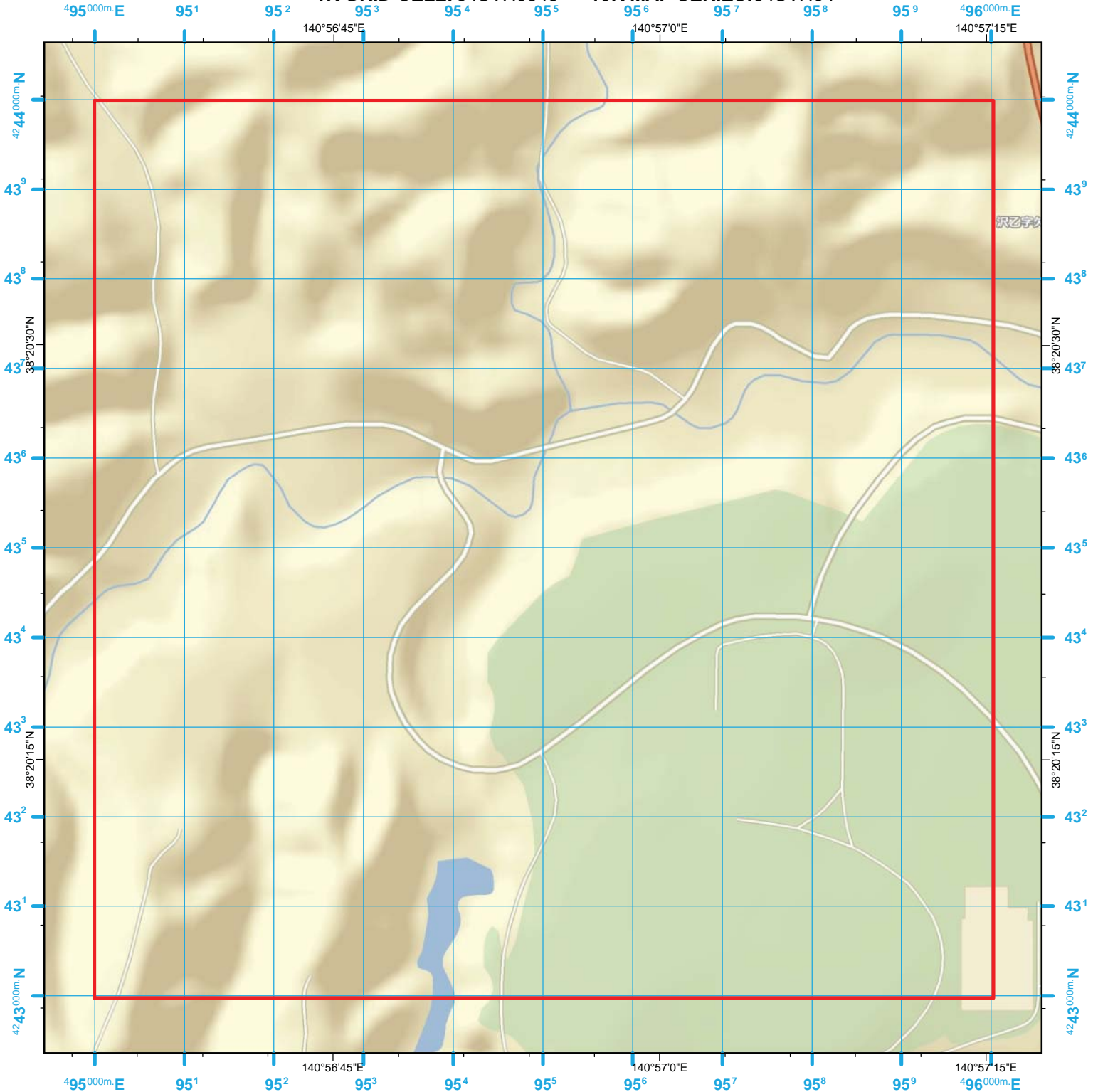
INDEX MAP

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221	245	268	291	311
220	244	267	290	310
219	243	266	289	309
218	242	265	288	308
217	241	264	287	307

SENDAI, JAPAN

1K GRID CELL: 54SVH9543 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



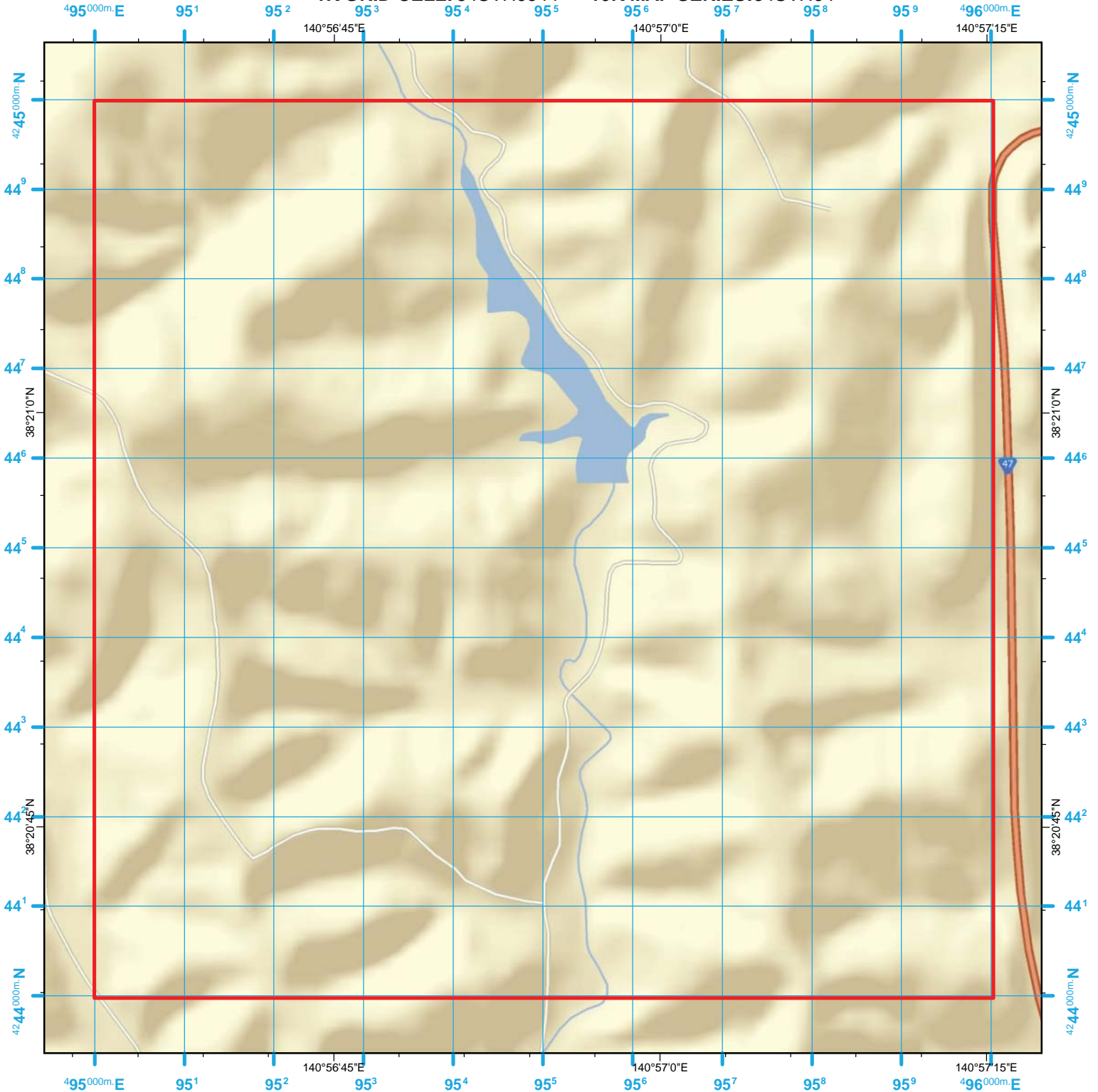
INDEX MAP

MAPSHEET 267 of 400

222	246	269	292	312
221	245	268	291	311
220	244	267	290	310
219	243	266	289	309
218	242	265	288	308

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1K GRID CELL: 54SVH9544 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



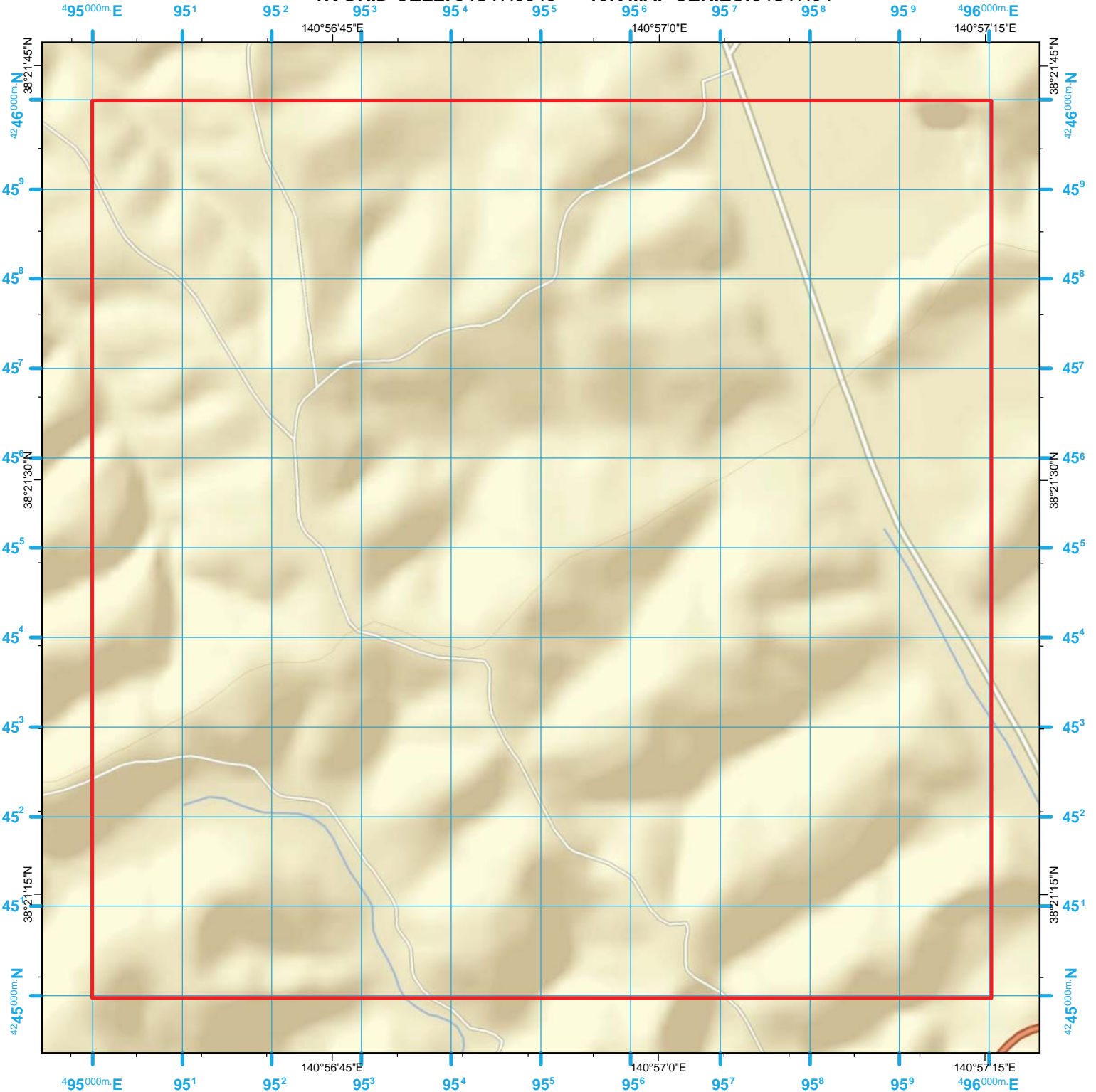
INDEX MAP

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223				
222	246	269	292	312
221	245	268	291	311
220	244	267	290	310
219	243	266	289	309

SENDAI, JAPAN

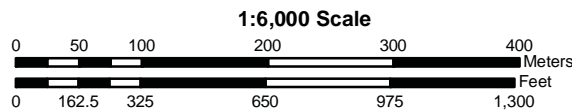
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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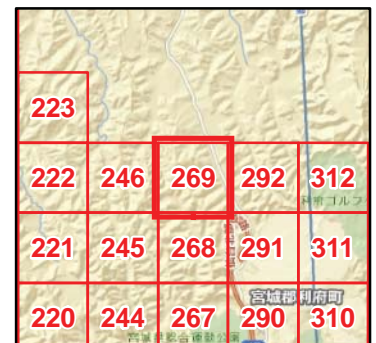
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School

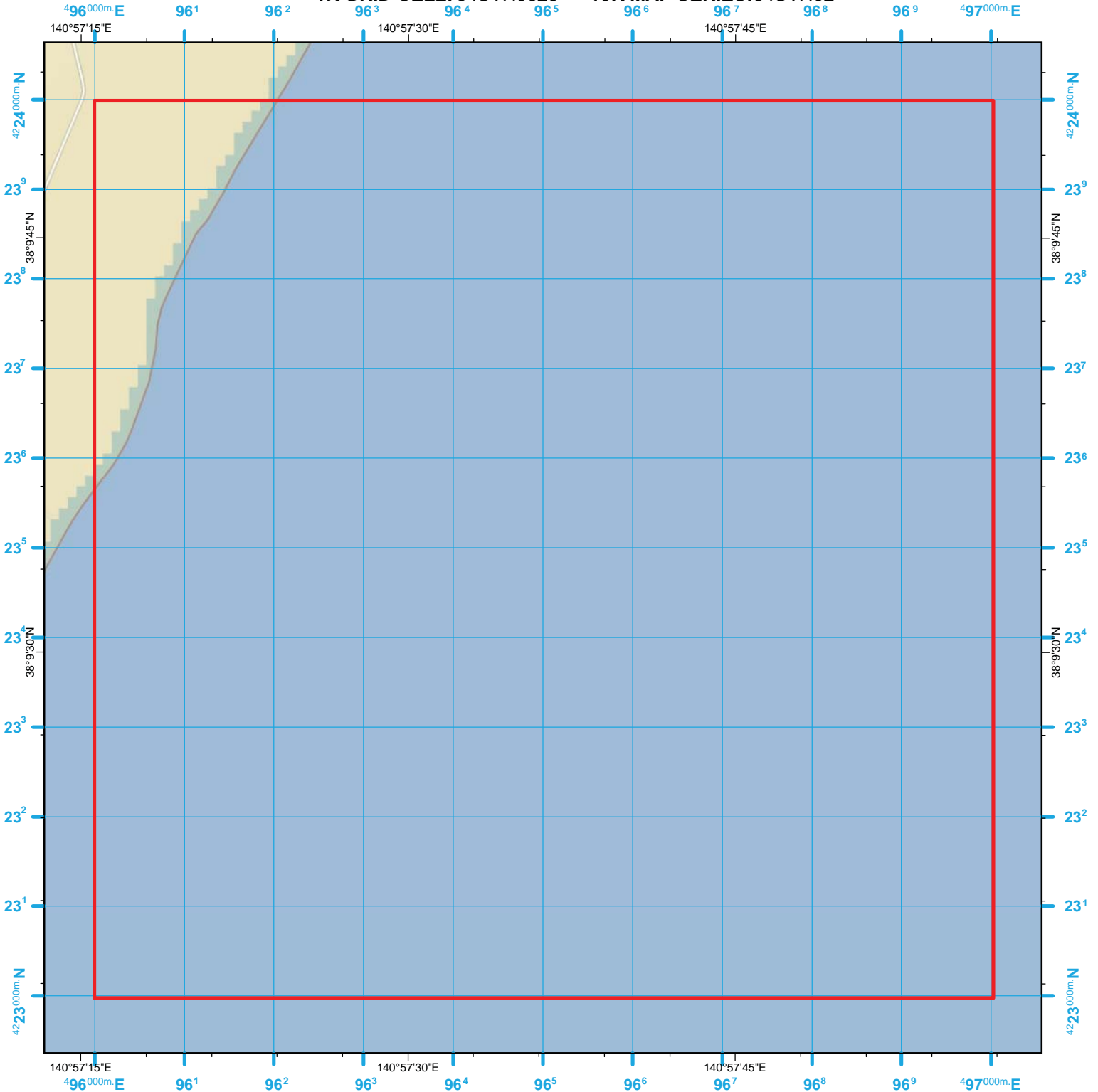


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SENDAI, JAPAN

1K GRID CELL: 54SVH9623 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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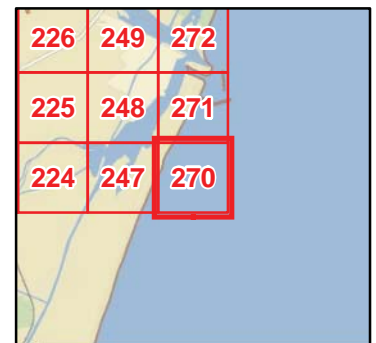
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

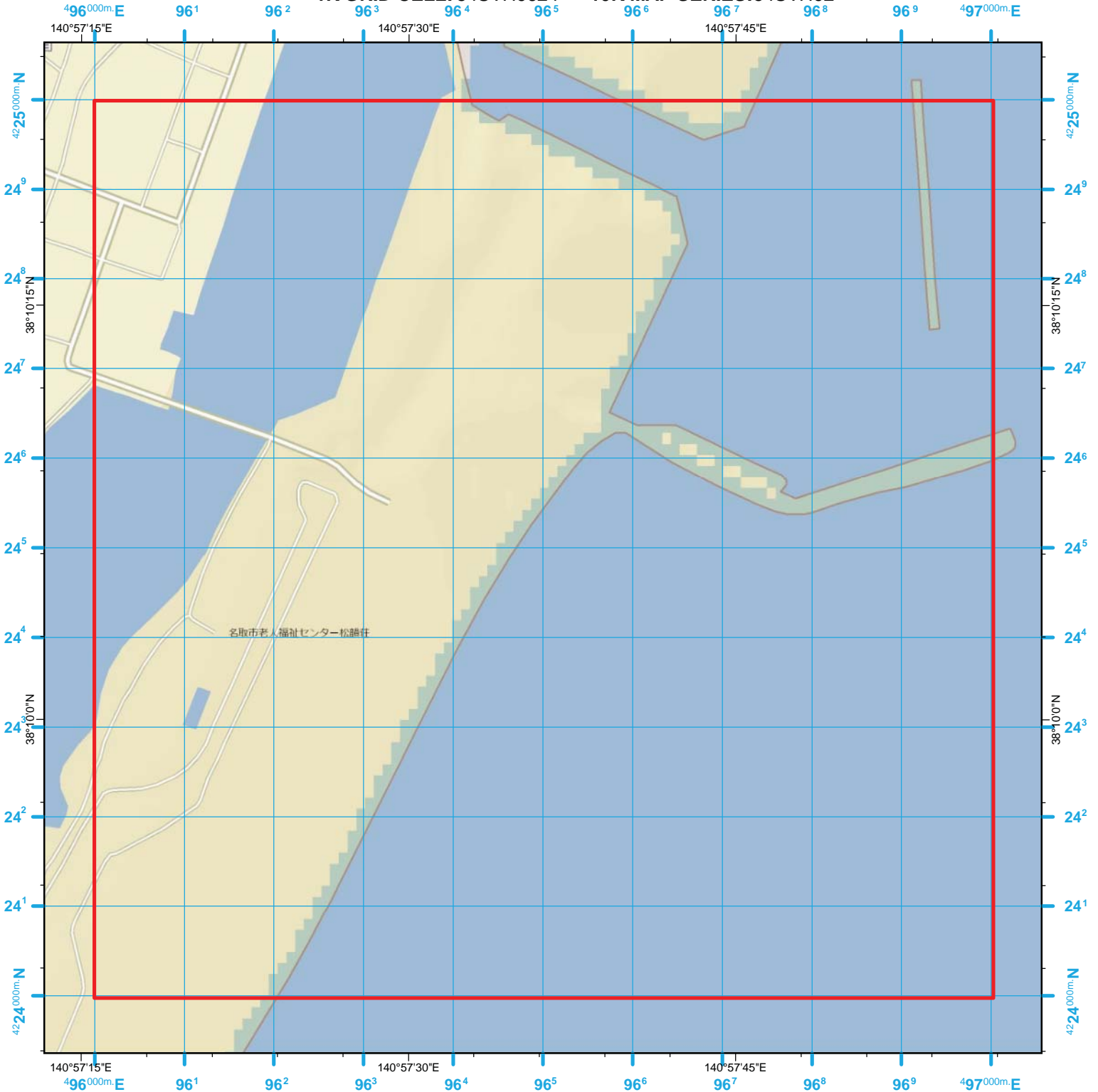


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SENDAI, JAPAN

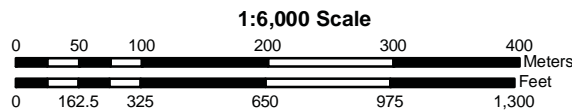
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1000-m cell, 100-m grid, MGRS
World Geodetic System 1984 Datum
Grid Zone Designation: 54S
100,000-m Square Identification: VH
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MGRS
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VH
54S
Grid Zone Designation

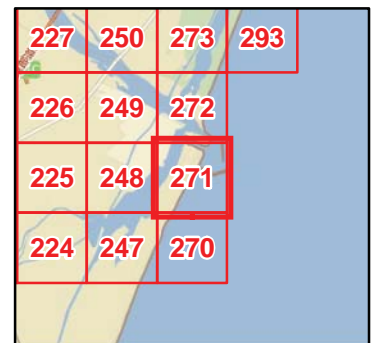


- Search Grid
- Hospital
- Police
- School



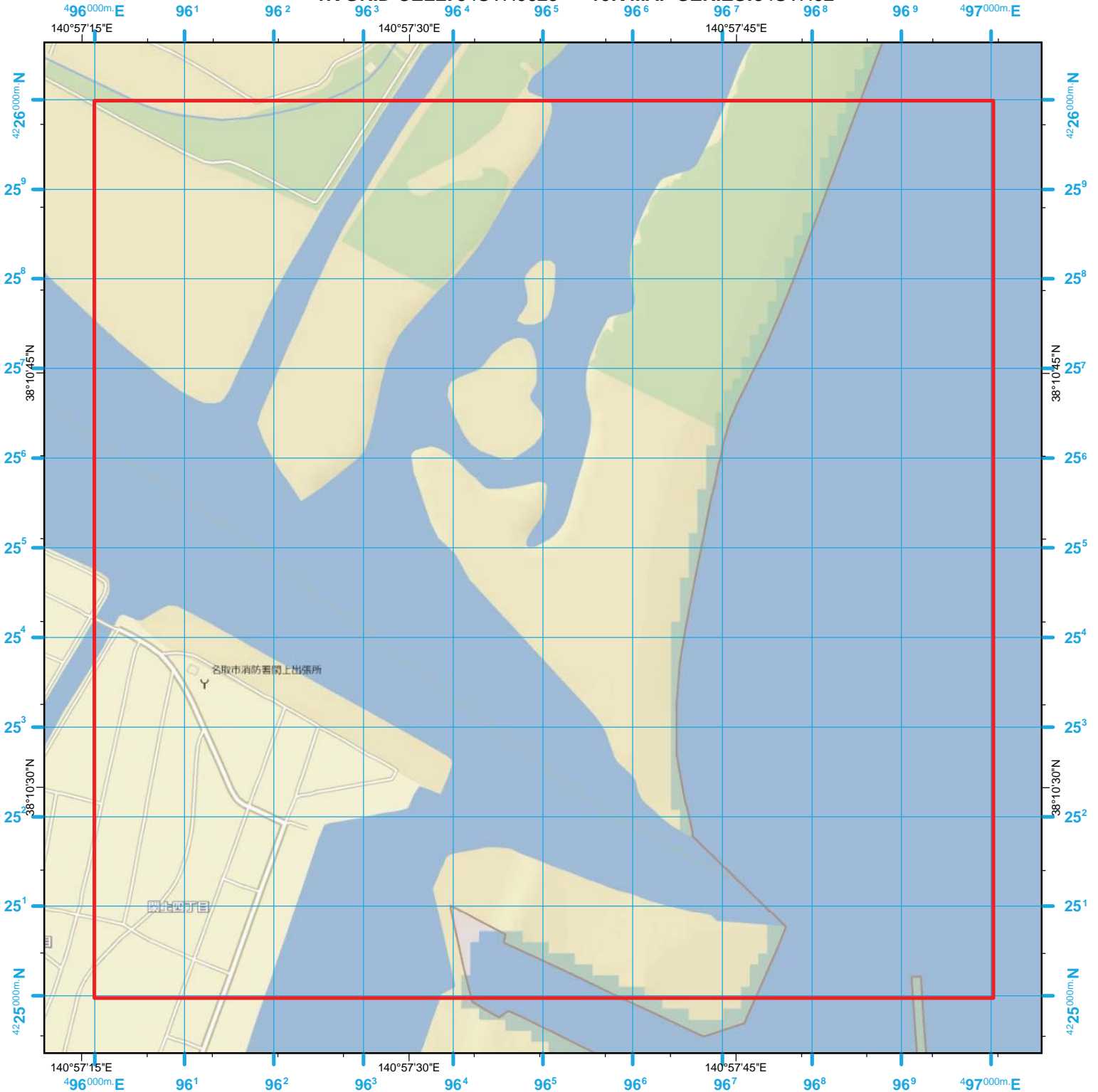
INDEX MAP

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SENDAI, JAPAN

1K GRID CELL: 54SVH9625 10K MAP SERIES: 54SVH92

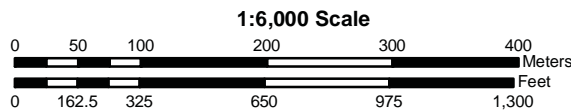


1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

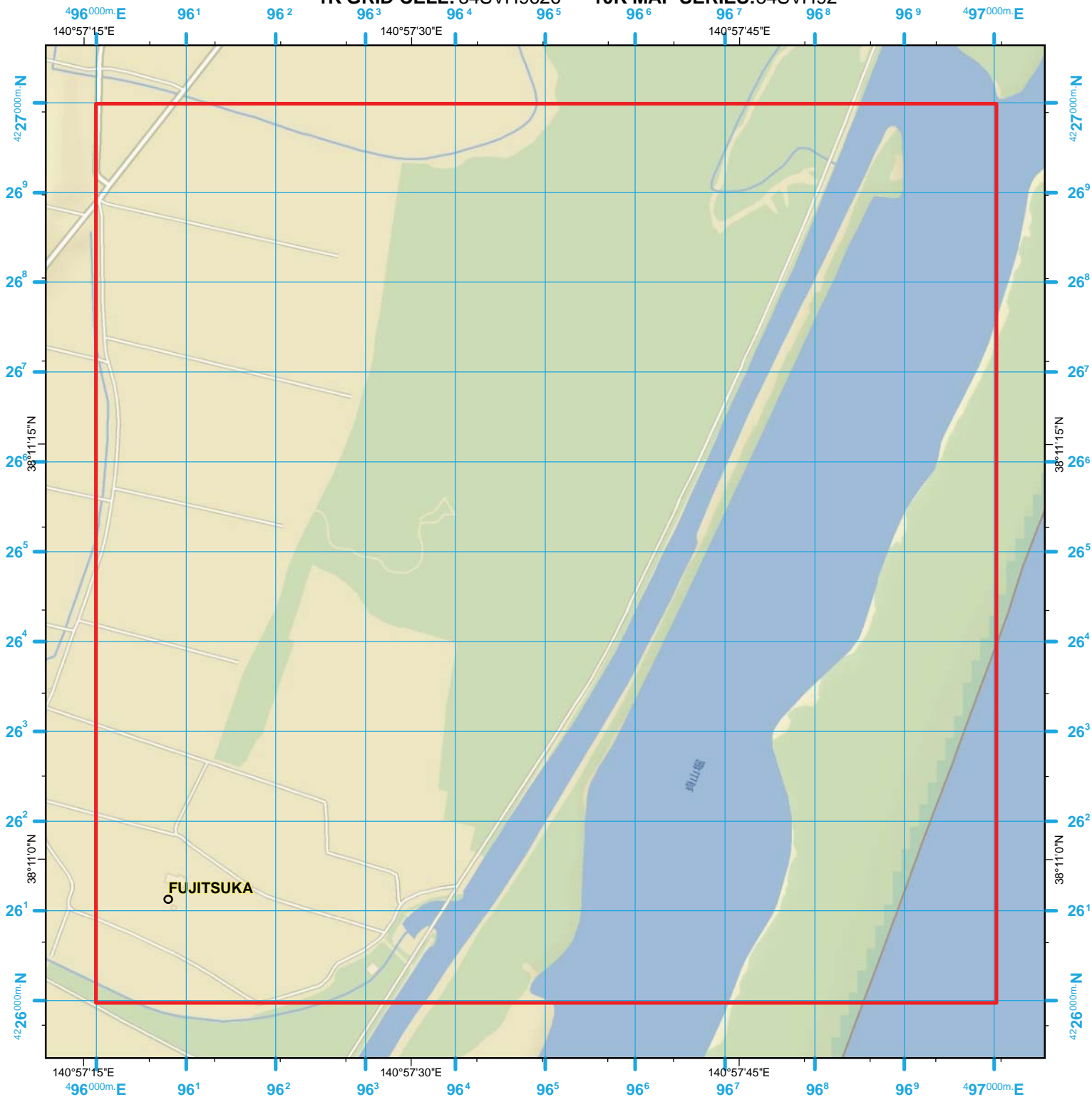
MAPSHEET 272 of 400

228	251	274	294
227	250	273	293
226	249	272	292
225	248	271	291
224	247	270	290

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1K GRID CELL: 54SVH9626 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
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VH
54S
Grid Zone Designation

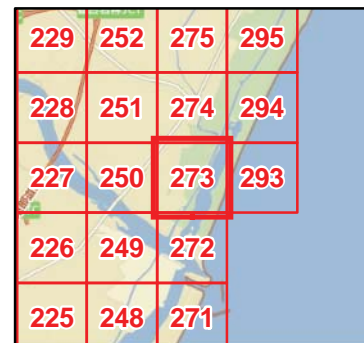


- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

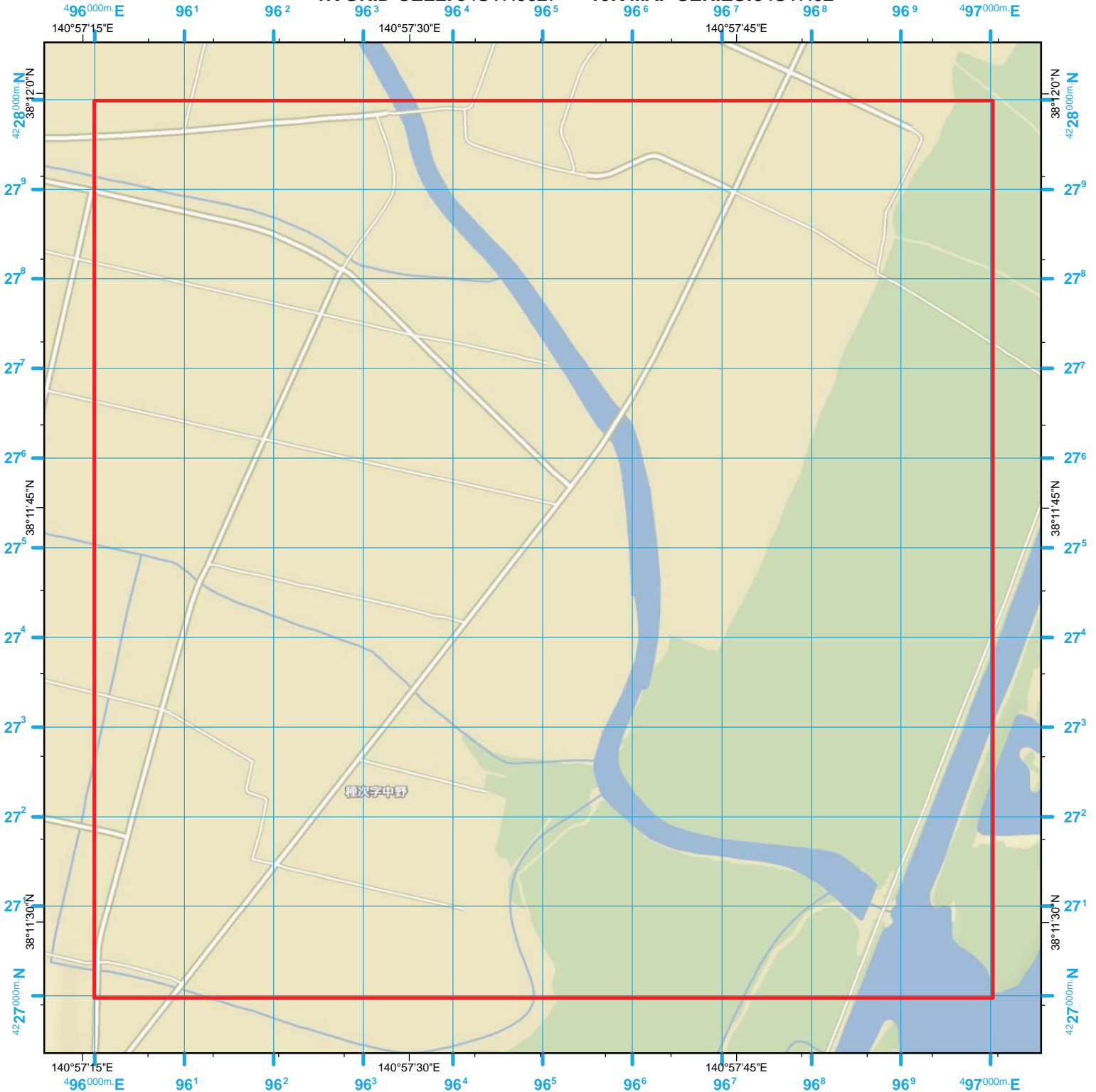
MAPSHEET 273 of 400



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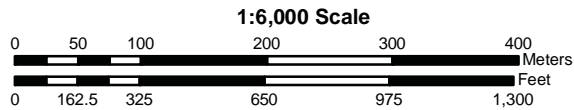
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

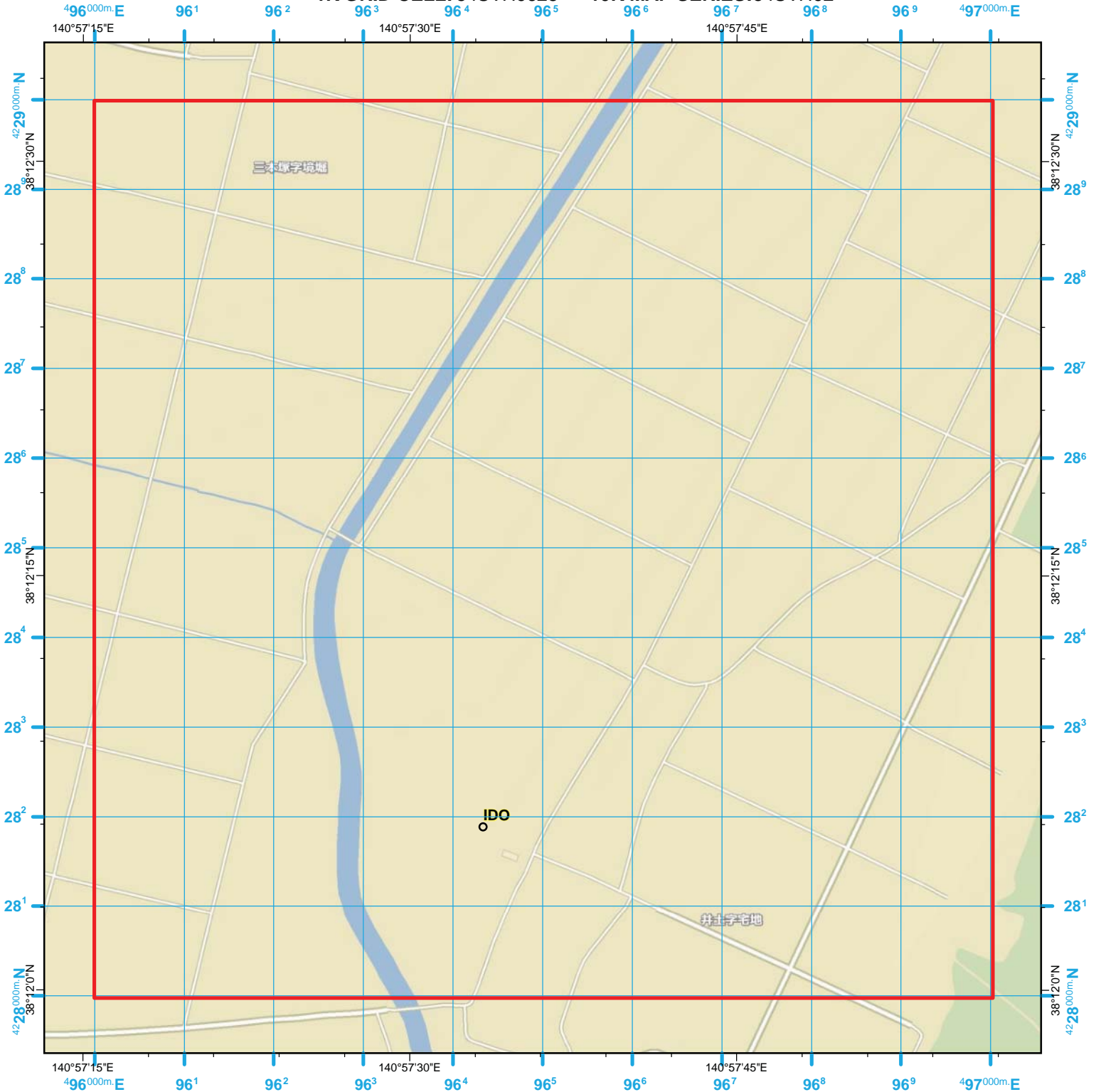
MAPSHEET 274 of 400

230	253	276	296	313
229	252	275	295	
228	251	274	294	
227	250	273	293	
226	249	272		

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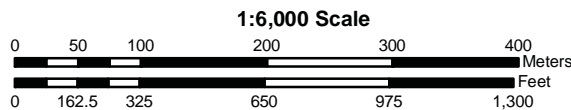
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



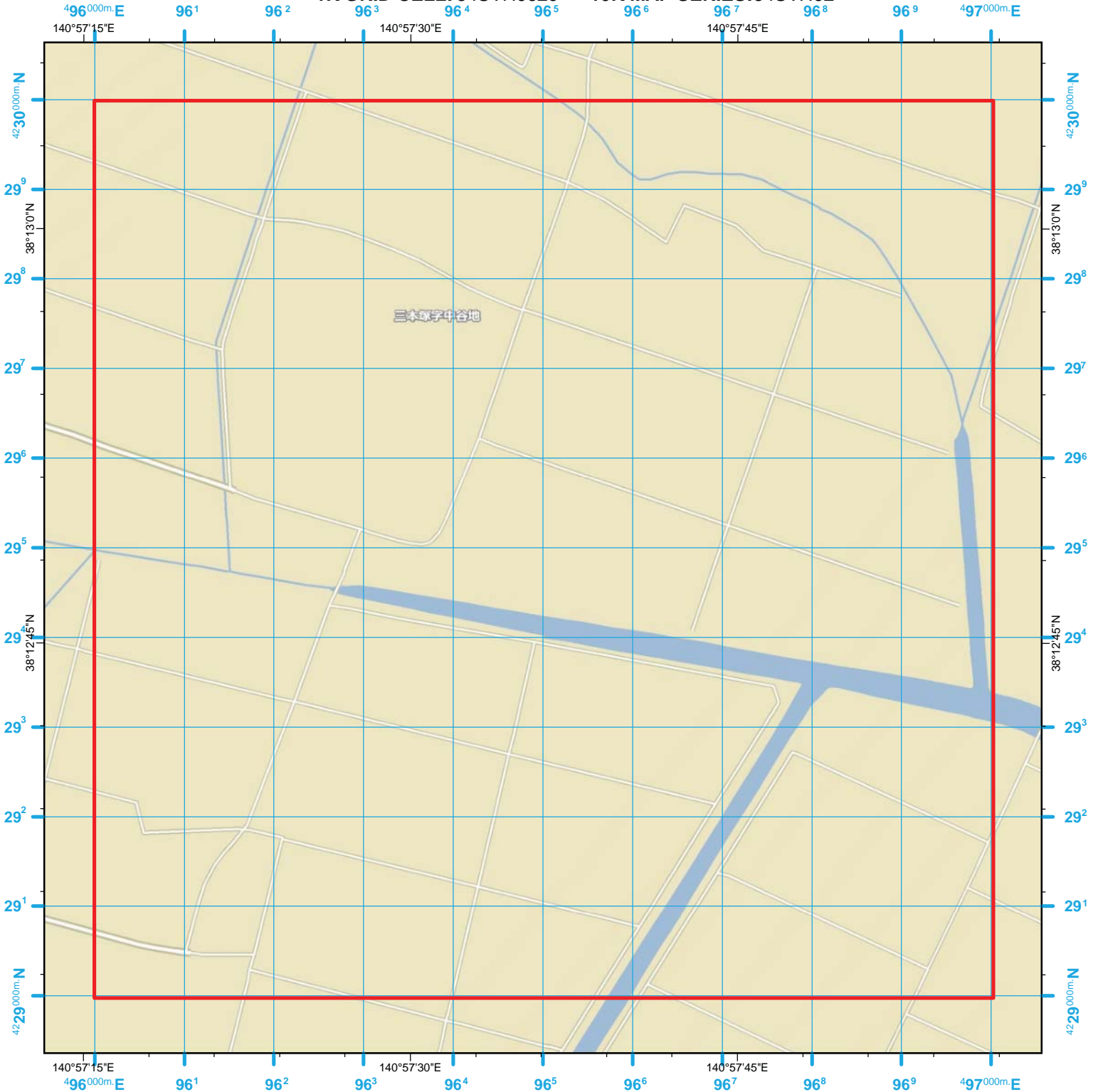
INDEX MAP

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231	254	277	297	314
230	253	276	296	313
229	252	275	295	
228	251	274	294	
227	250	273	293	

SENDAI, JAPAN

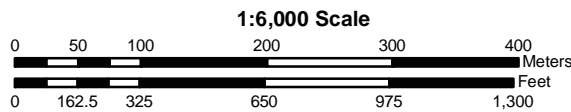
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



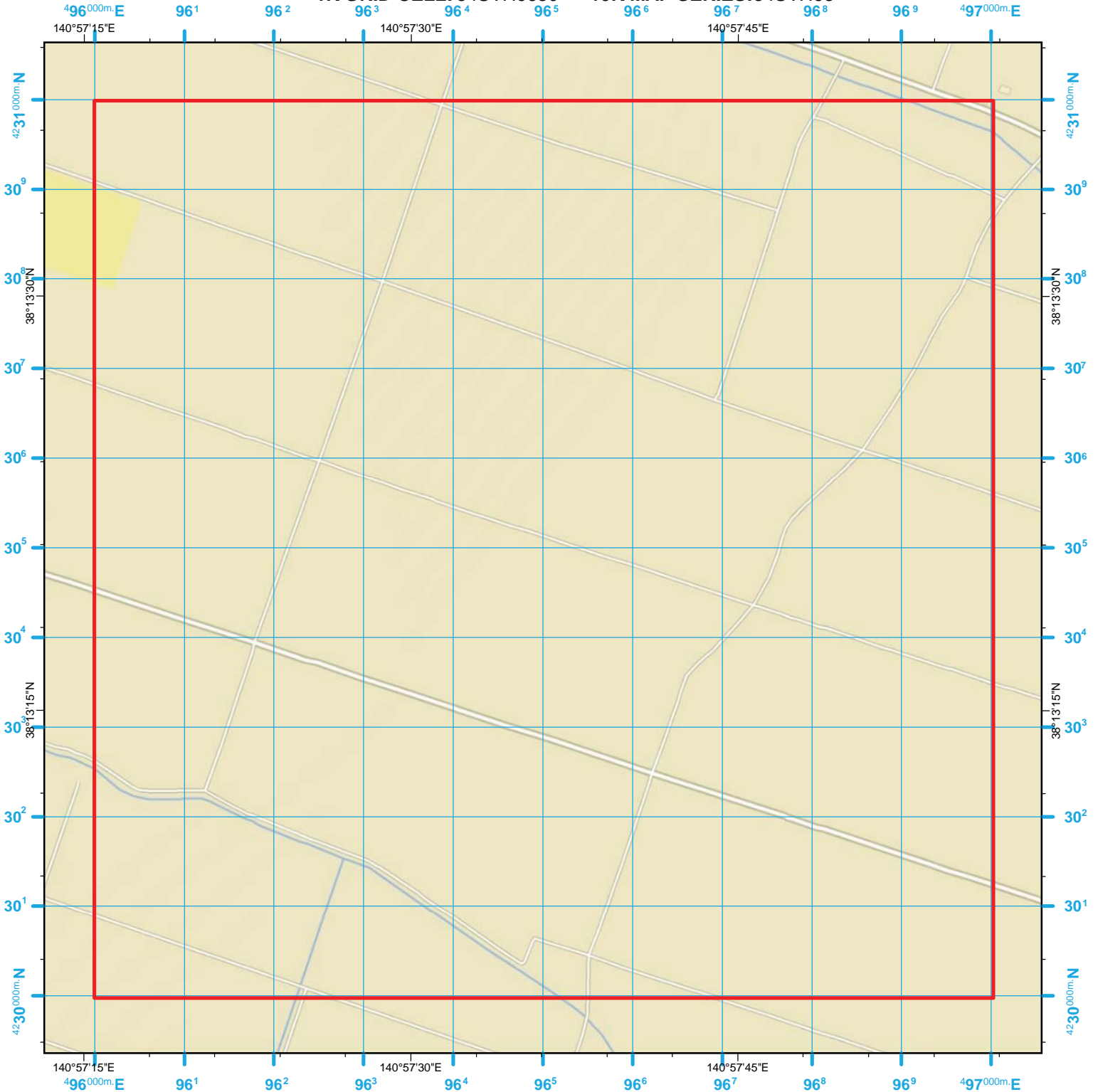
INDEX MAP

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232	255	278	298	315
231	254	277	297	314
230	253	276	296	313
229	252	275	295	
228	251	274	294	

SENDAI, JAPAN

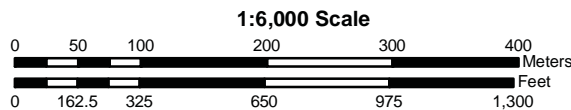
1K GRID CELL: 54SVH9630 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



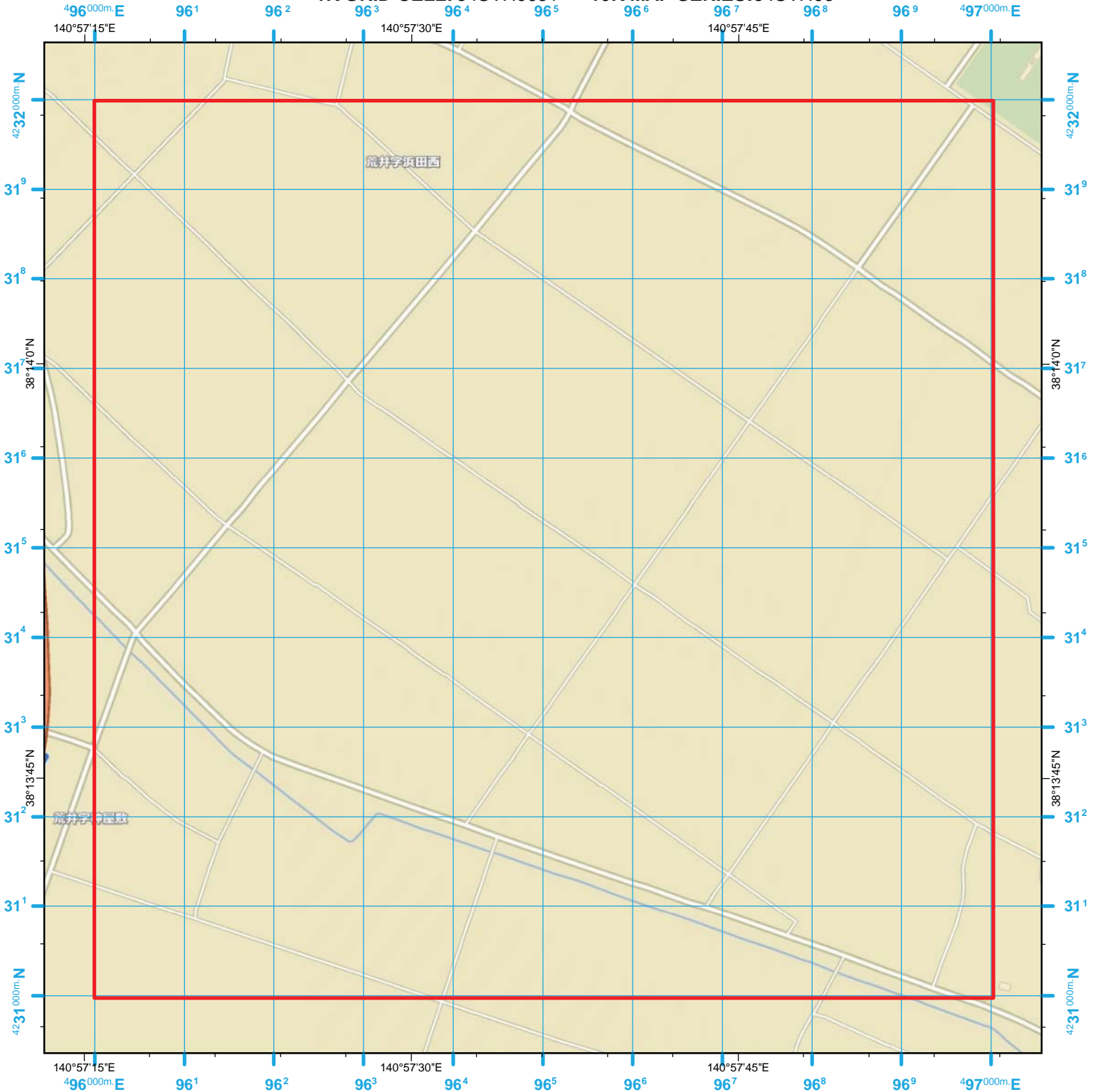
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233	256	279	299	316
232	255	278	298	315
231	254	277	297	314
230	253	276	296	313
229	252	275	295	

SENDAI, JAPAN

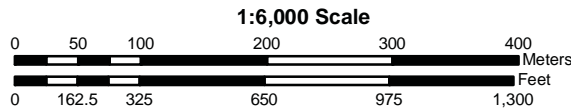
1K GRID CELL: 54SVH9631 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



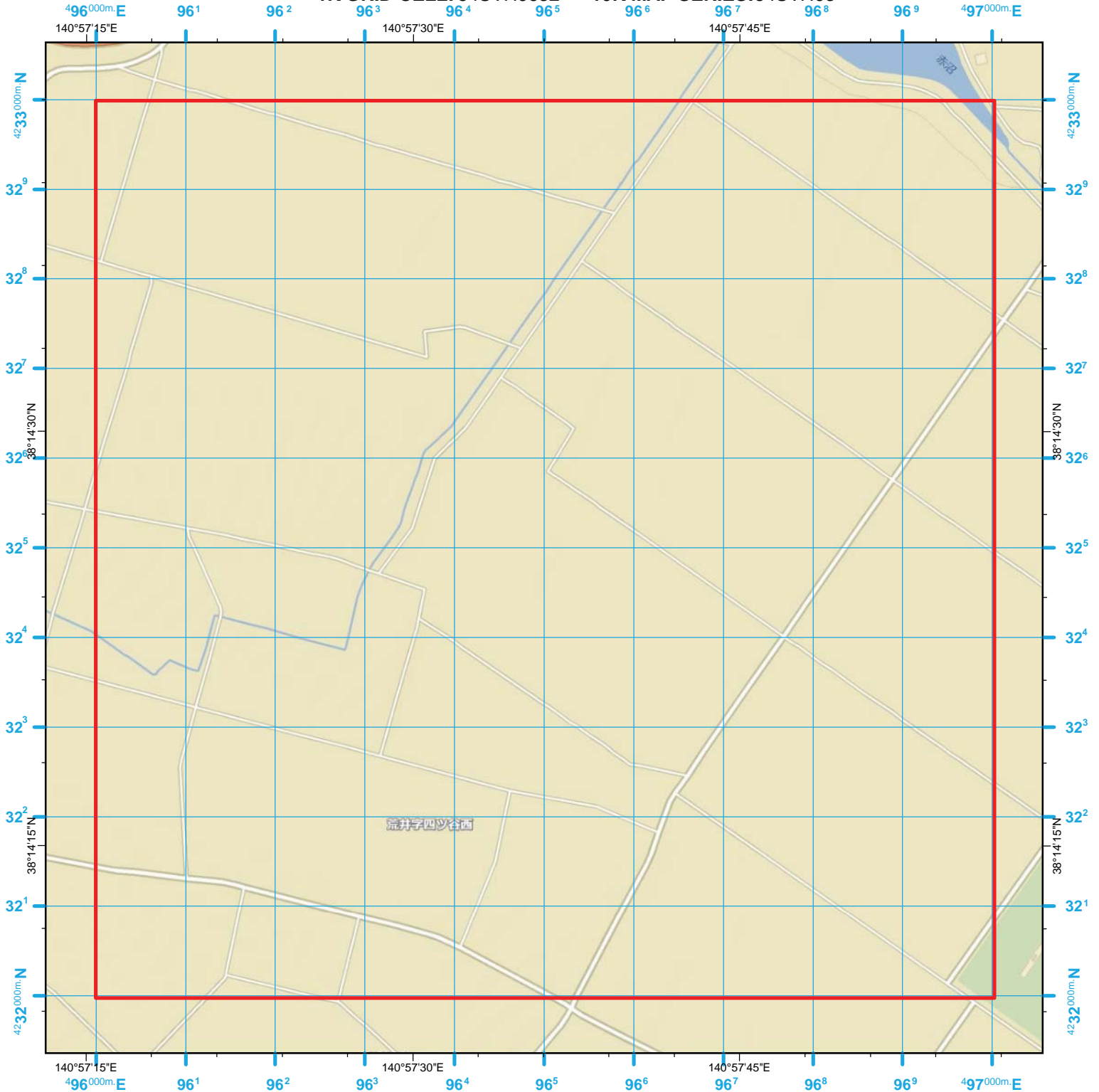
INDEX MAP

MAPSHEET 278 of 400

234	257	280	300	317
233	256	279	299	316
232	255	278	298	315
231	254	277	297	314
230	253	276	296	313

SENDAI, JAPAN

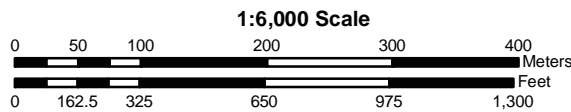
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



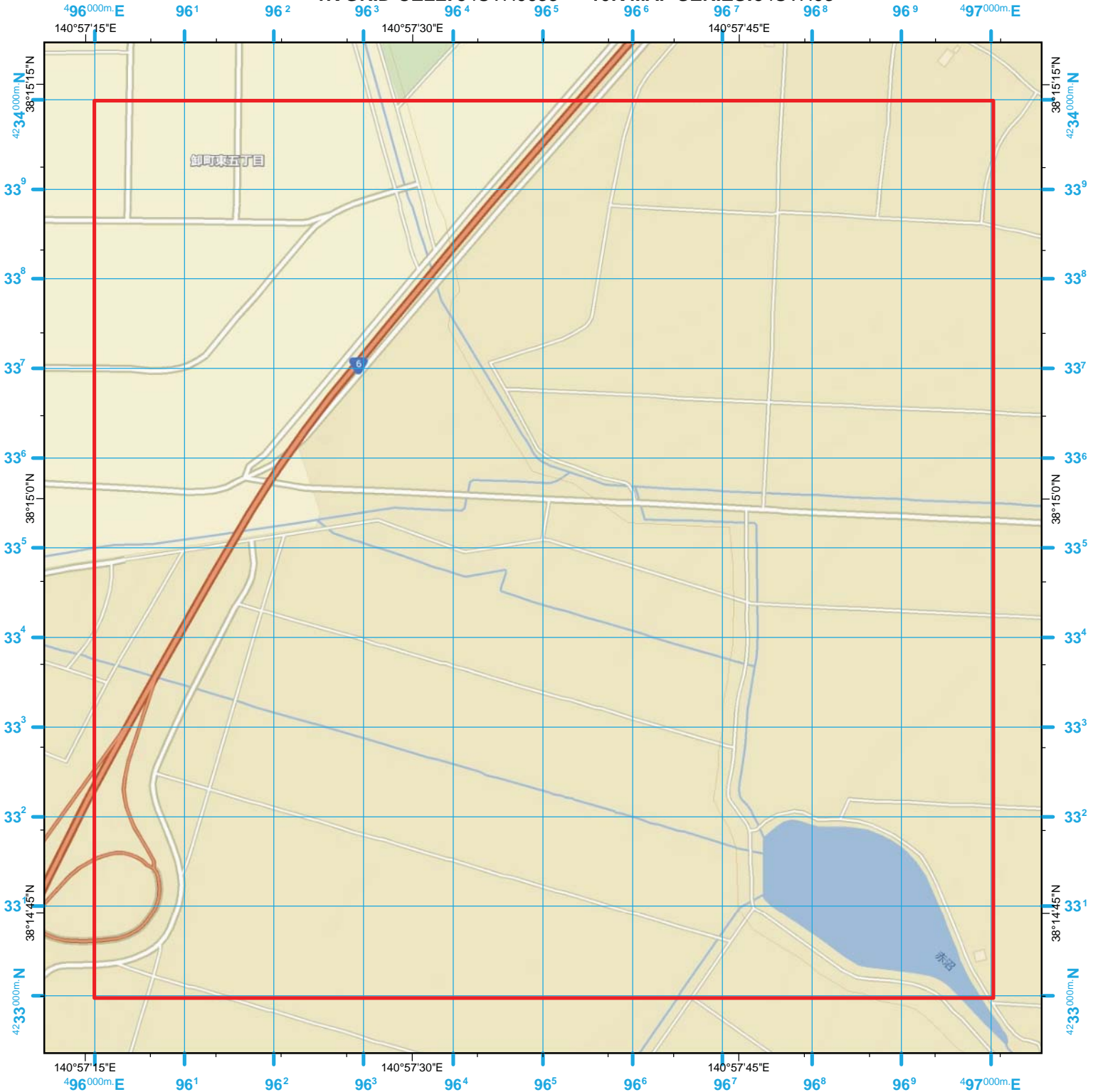
INDEX MAP

MAPSHEET 279 of 400

235	258	281	301	318
234	257	280	300	317
233	256	279	299	316
232	255	278	298	315
231	254	277	297	314

SENDAI, JAPAN

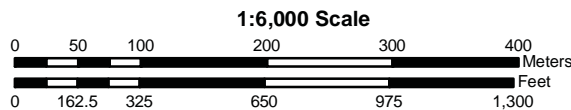
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP MAPSHEET 280 of 400

236	259	282	302	319
235	258	281	301	318
234	257	280	300	317
233	256	279	299	316
232	255	278	298	315

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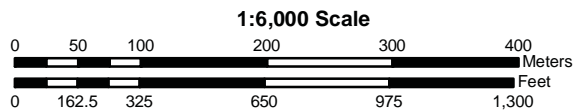
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

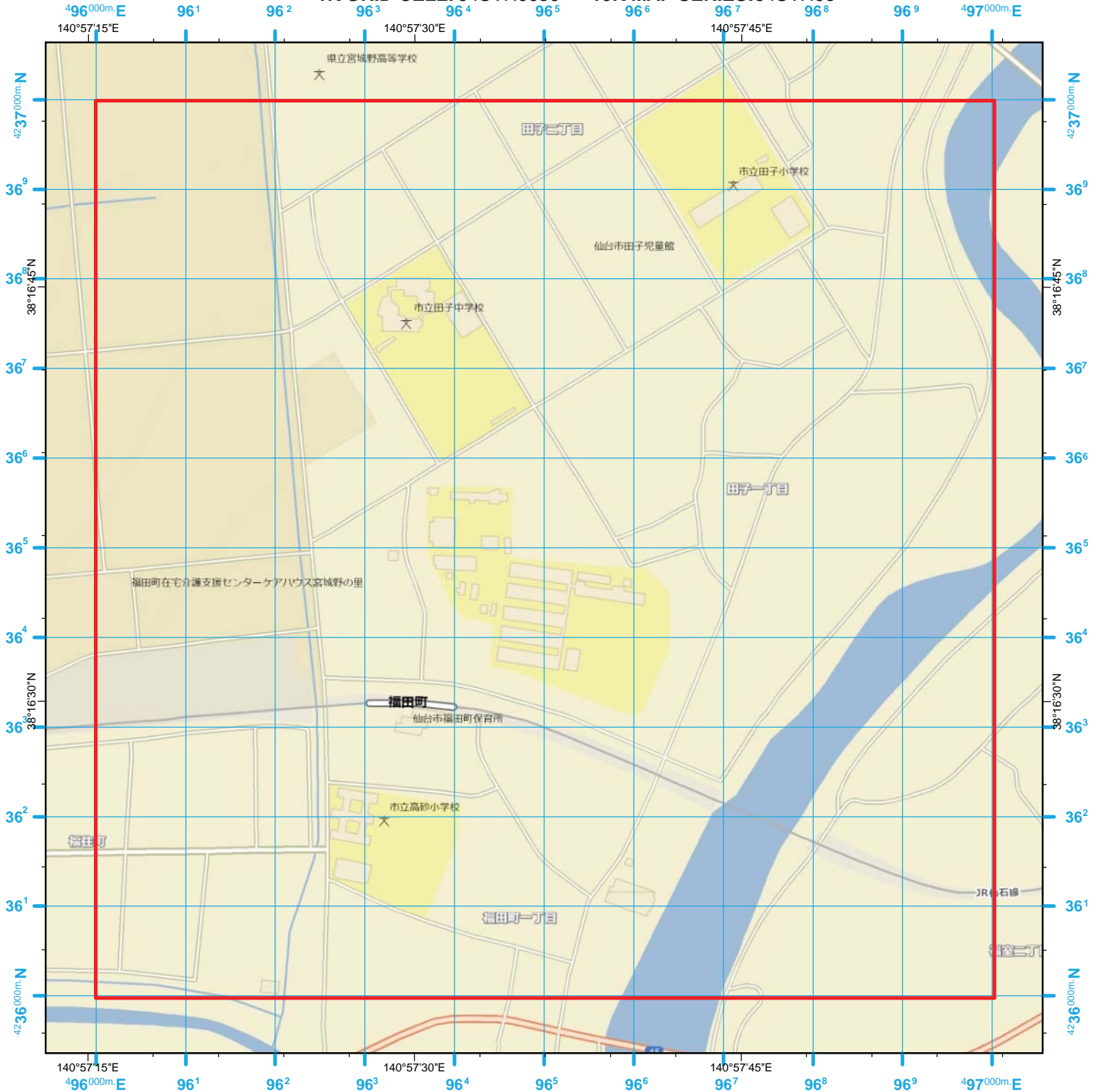
MAPSHEET 282 of 400

238	261	284	304	321
237	260	283	303	320
236	259	282	302	319
235	258	281	301	318
234	257	280	300	317

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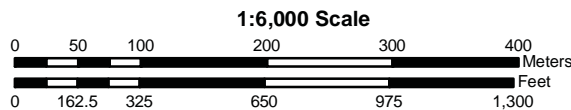
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

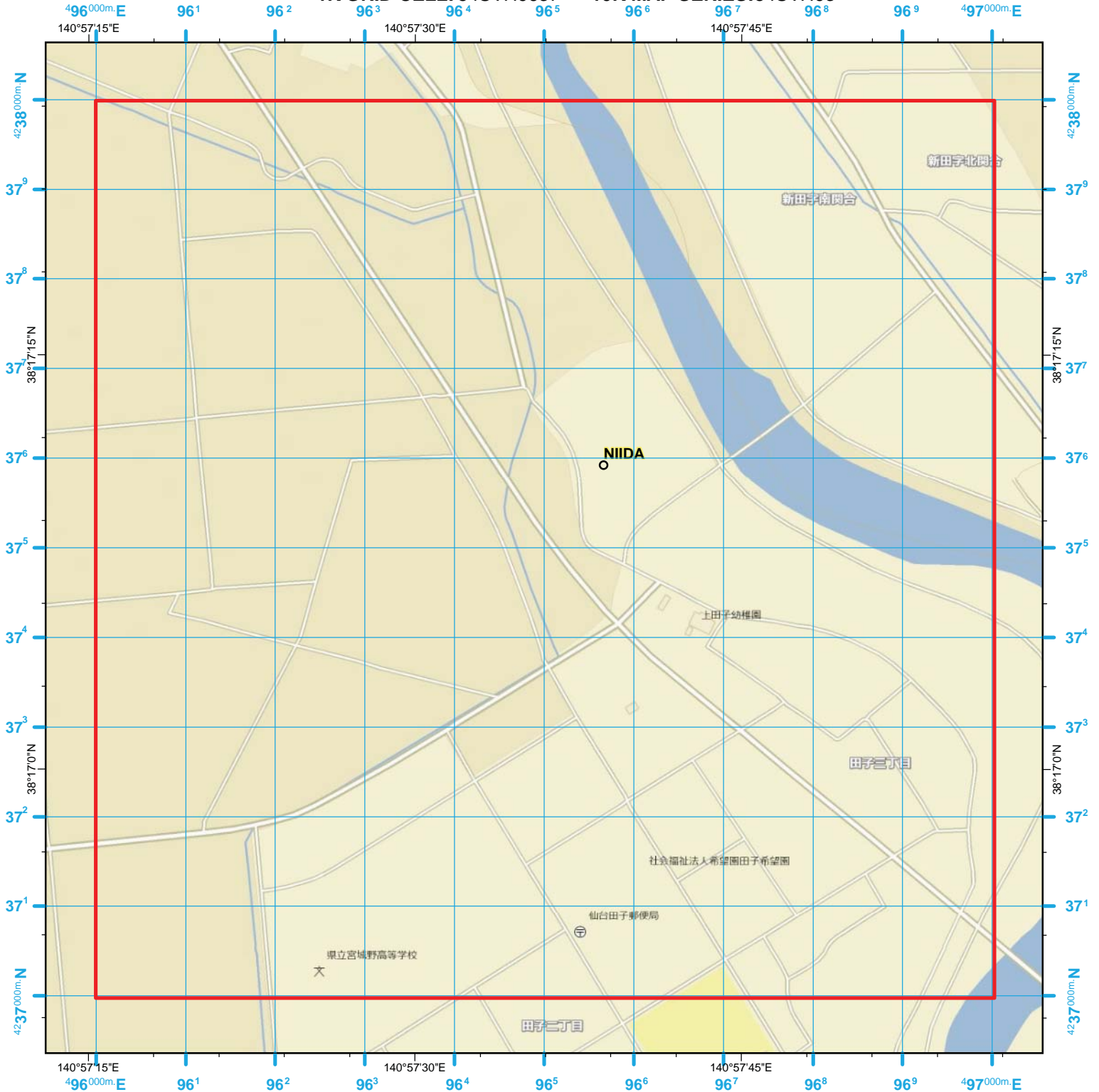


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239	262	285	305	322
238	261	284	304	321
237	260	283	303	320
236	259	282	302	319
235	258	281	301	318

SENDAI, JAPAN

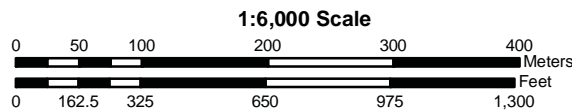
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



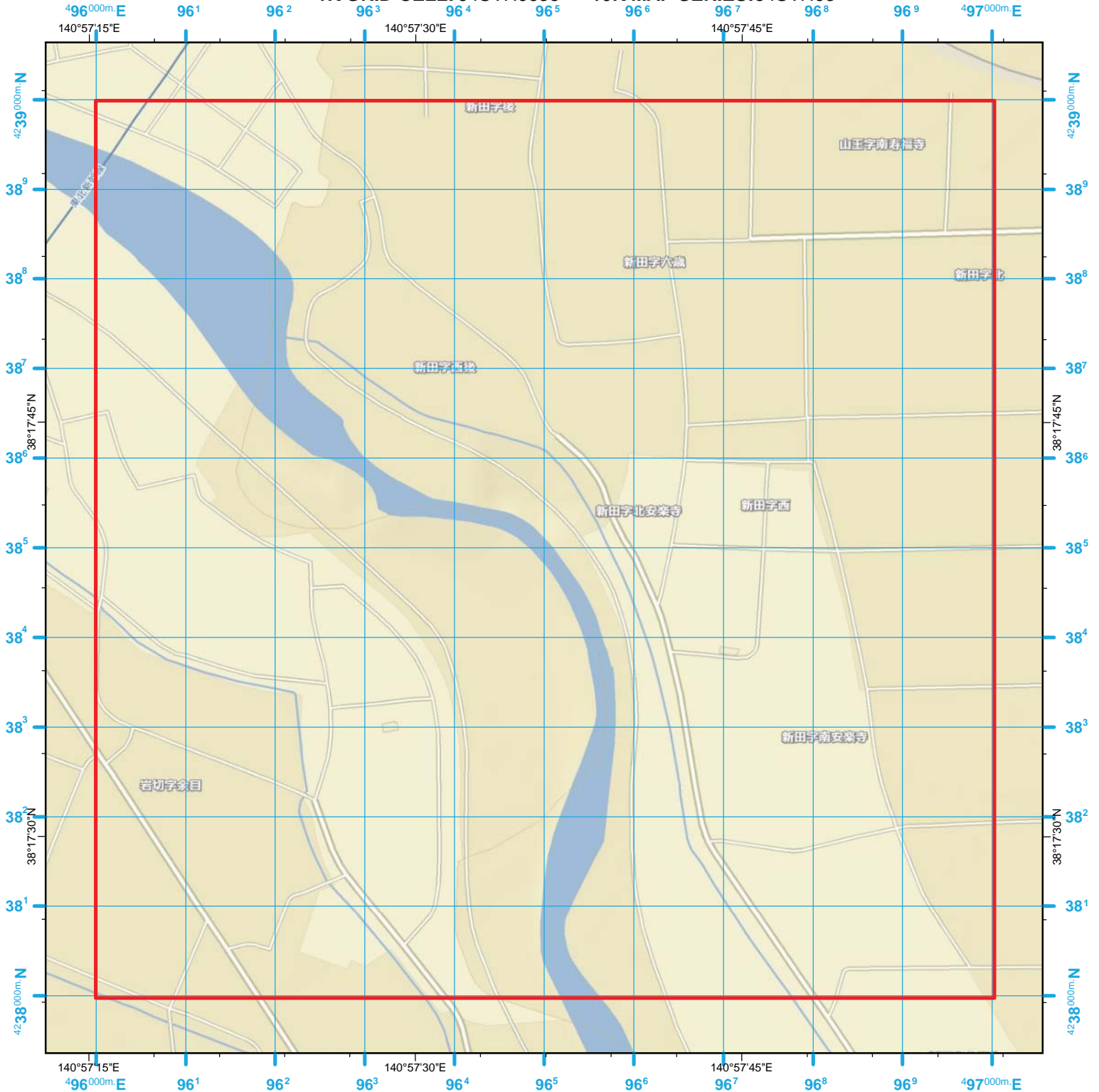
INDEX MAP MAPSHEET 284 of 400

240	263	286	306	323
239	262	285	305	322
238	261	284	304	321
237	260	283	303	320
236	259	282	302	319

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1K GRID CELL: 54SVH9638 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



INDEX MAP

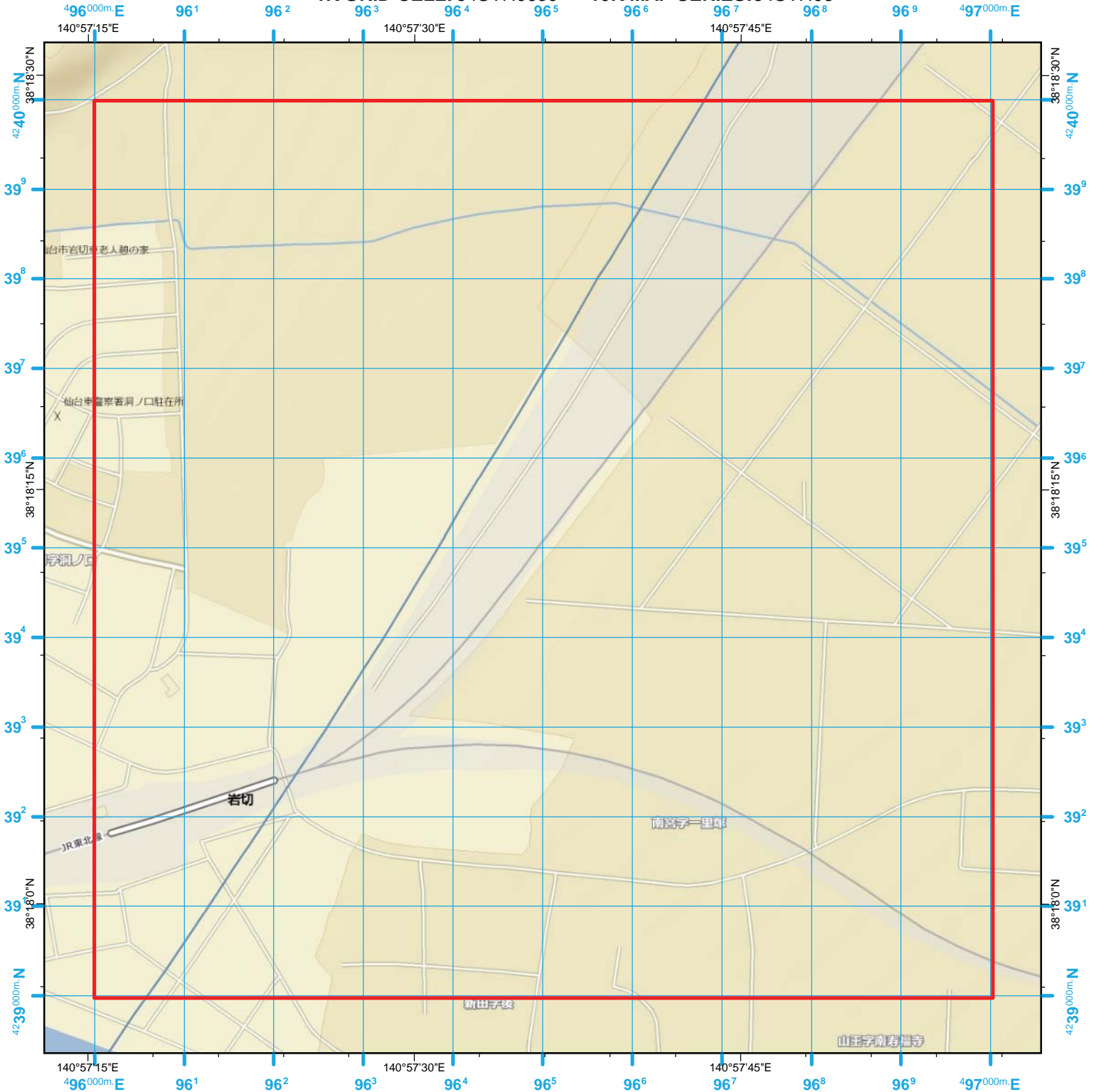
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241	264	287	307	324
240	263	286	306	323
239	262	285	305	322
238	261	284	304	321
237	260	283	303	320

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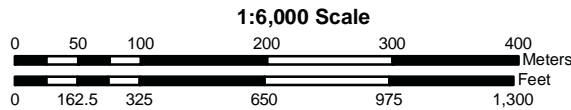
1K GRID CELL: 54SVH9639 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



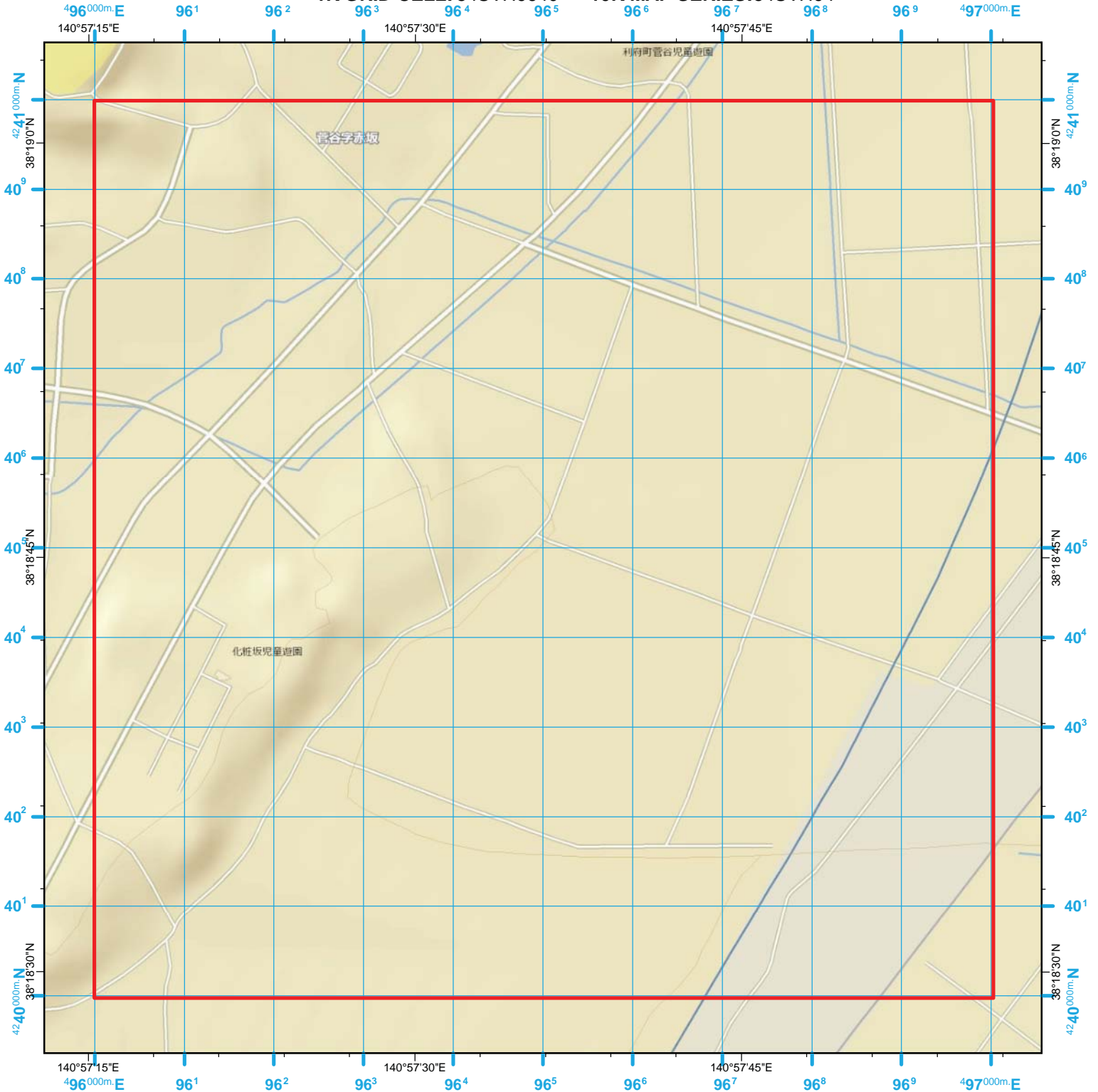
INDEX MAP

MAPSHEET 286 of 400

242	265	288	308	325
241	264	287	307	324
240	263	286	306	323
239	262	285	305	322
238	261	284	304	321

SENDAI, JAPAN

1K GRID CELL: 54SVH9640 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- 🏫 School



INDEX MAP

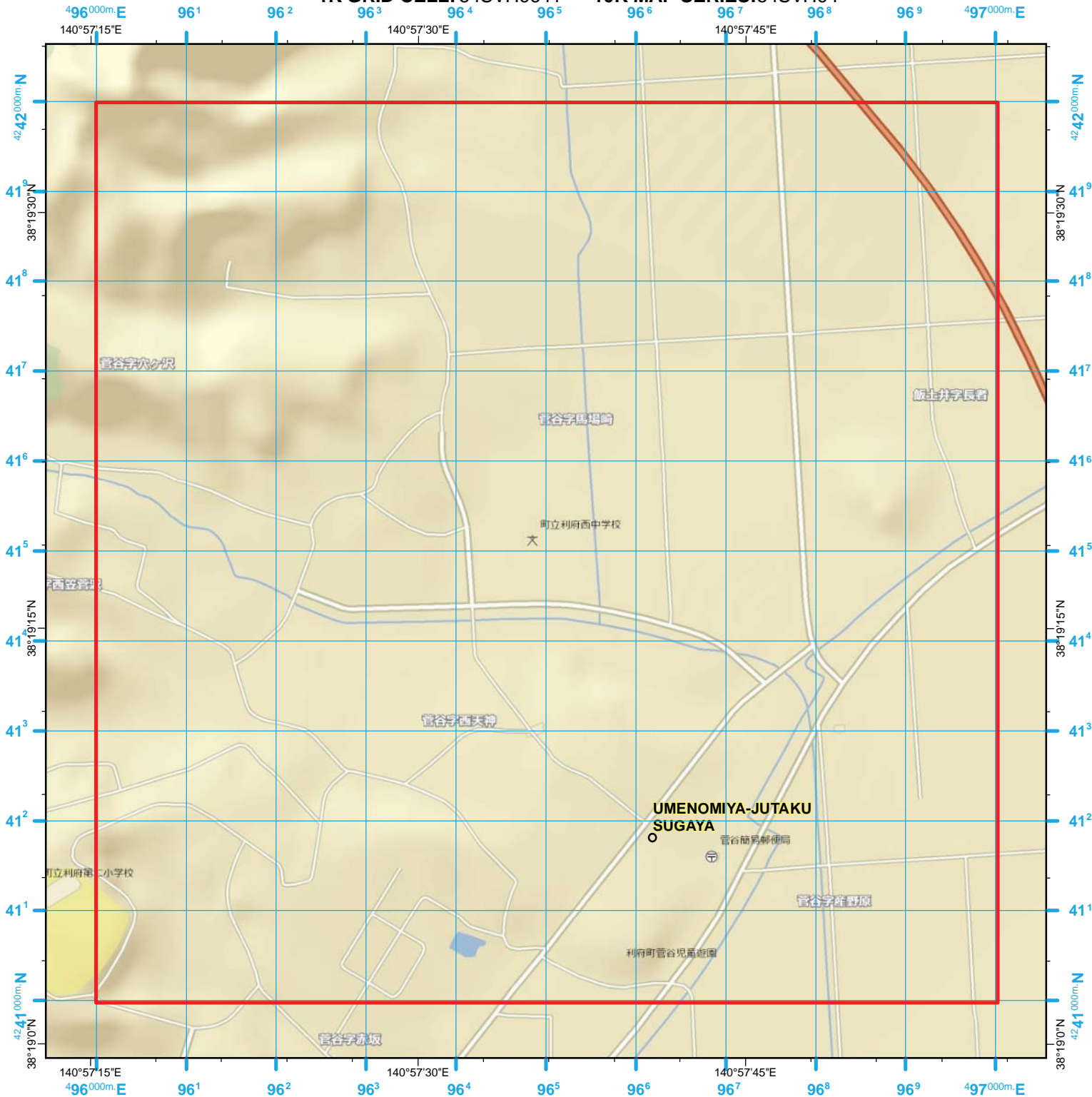
MAPSHEET 287 of 400

243	266	289	309	326
242	265	288	308	325
241	264	287	307	324
240	263	286	306	323
239	262	285	305	322

SENDAI, JAPAN

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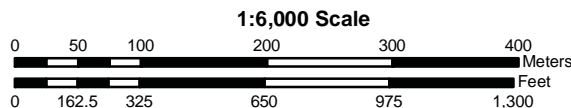
1K GRID CELL: 54SVH9641 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

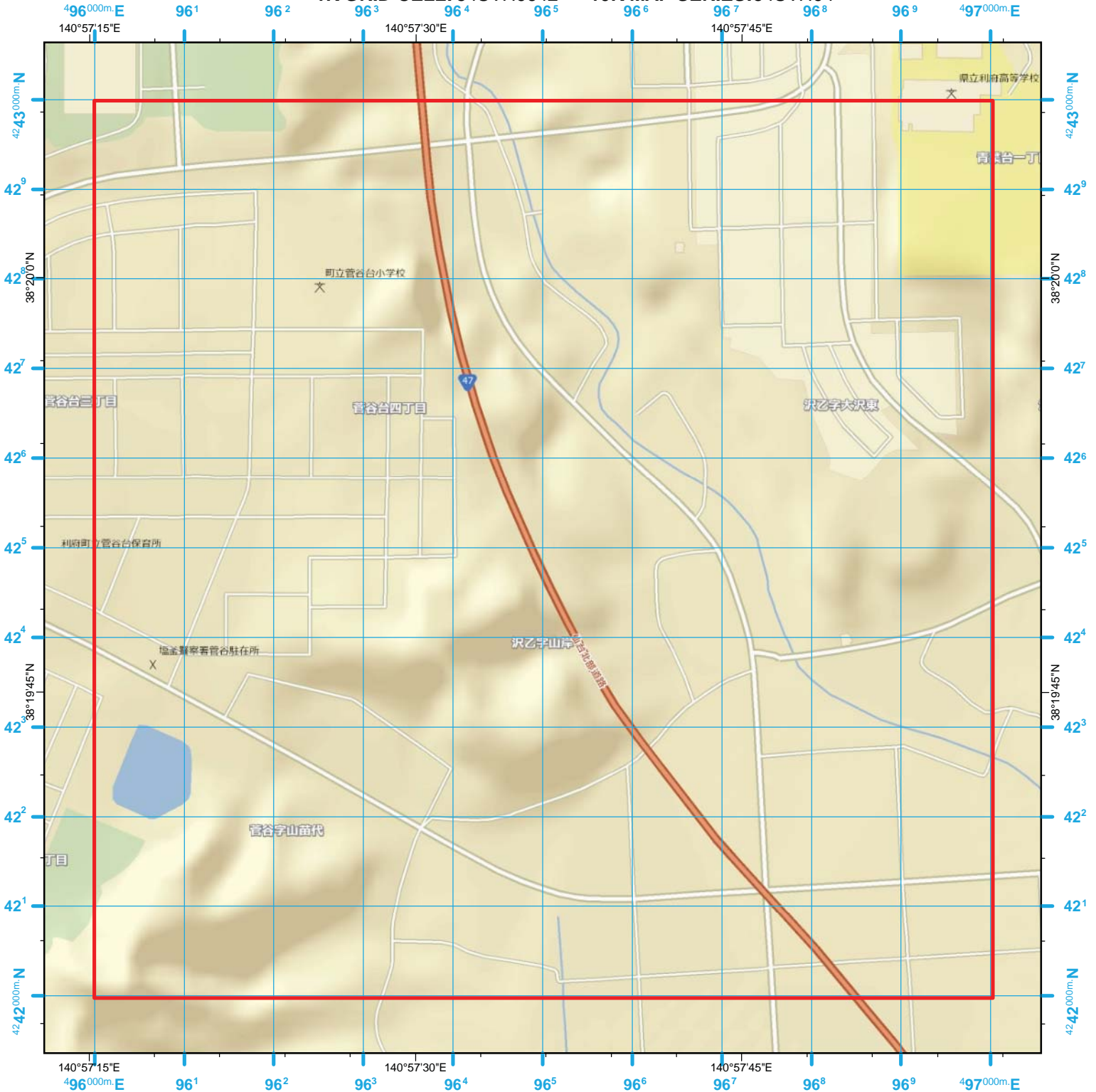
MAPSHEET 288 of 400

244	267	290	310	327
243	266	289	309	326
242	265	288	308	325
241	264	287	307	324
240	263	286	306	323

SENDAI, JAPAN

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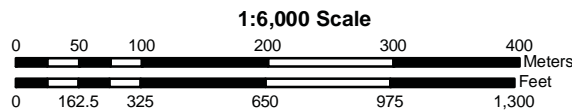
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



INDEX MAP

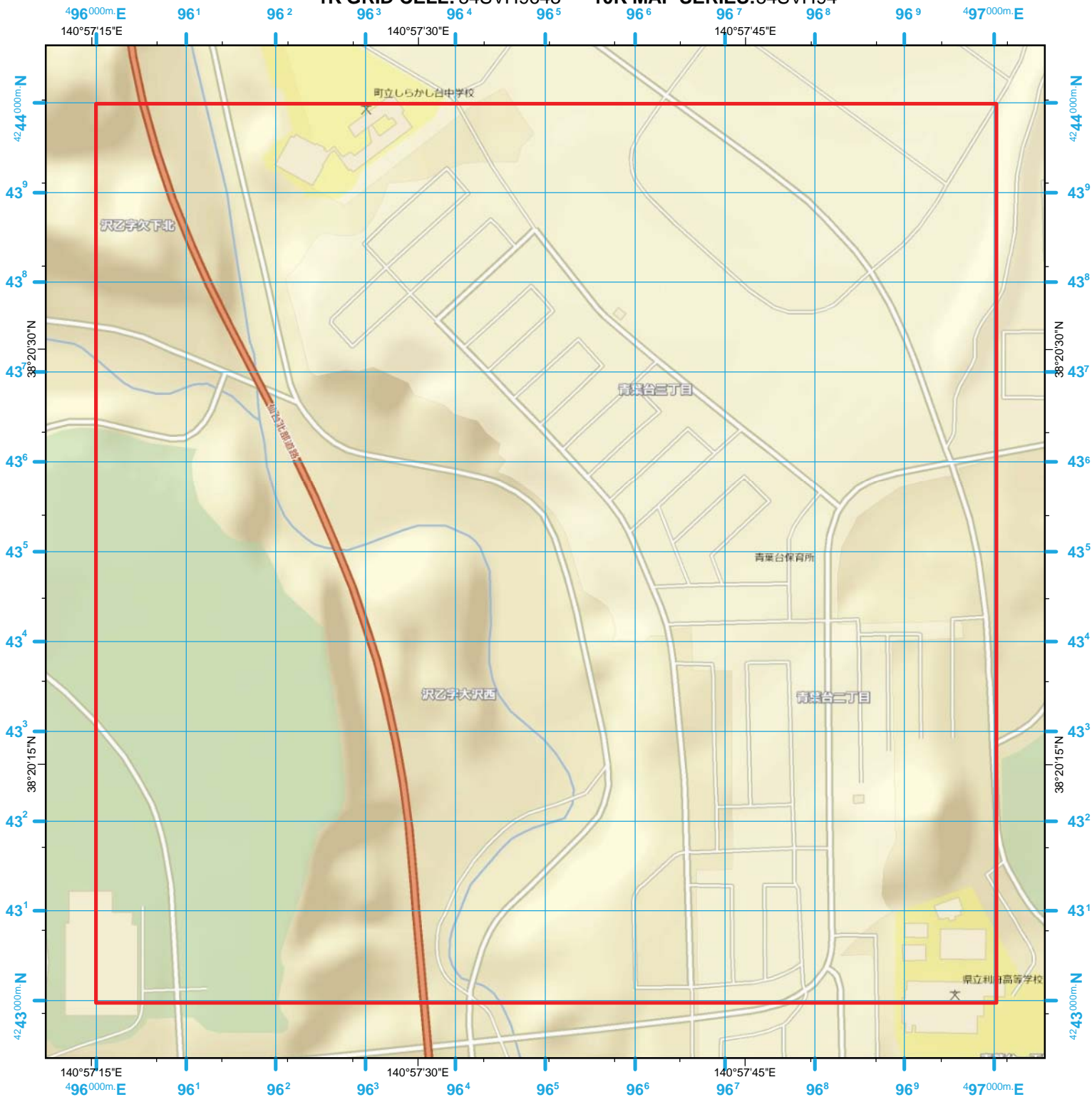
MAPSHEET 289 of 400

245	268	291	311	
244	267	290	310	327
243	266	289	309	326
242	265	288	308	325
241	264	287	307	324

SENDAI, JAPAN

UNCLASSIFIED//FOUO

1K GRID CELL: 54SVH9643 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



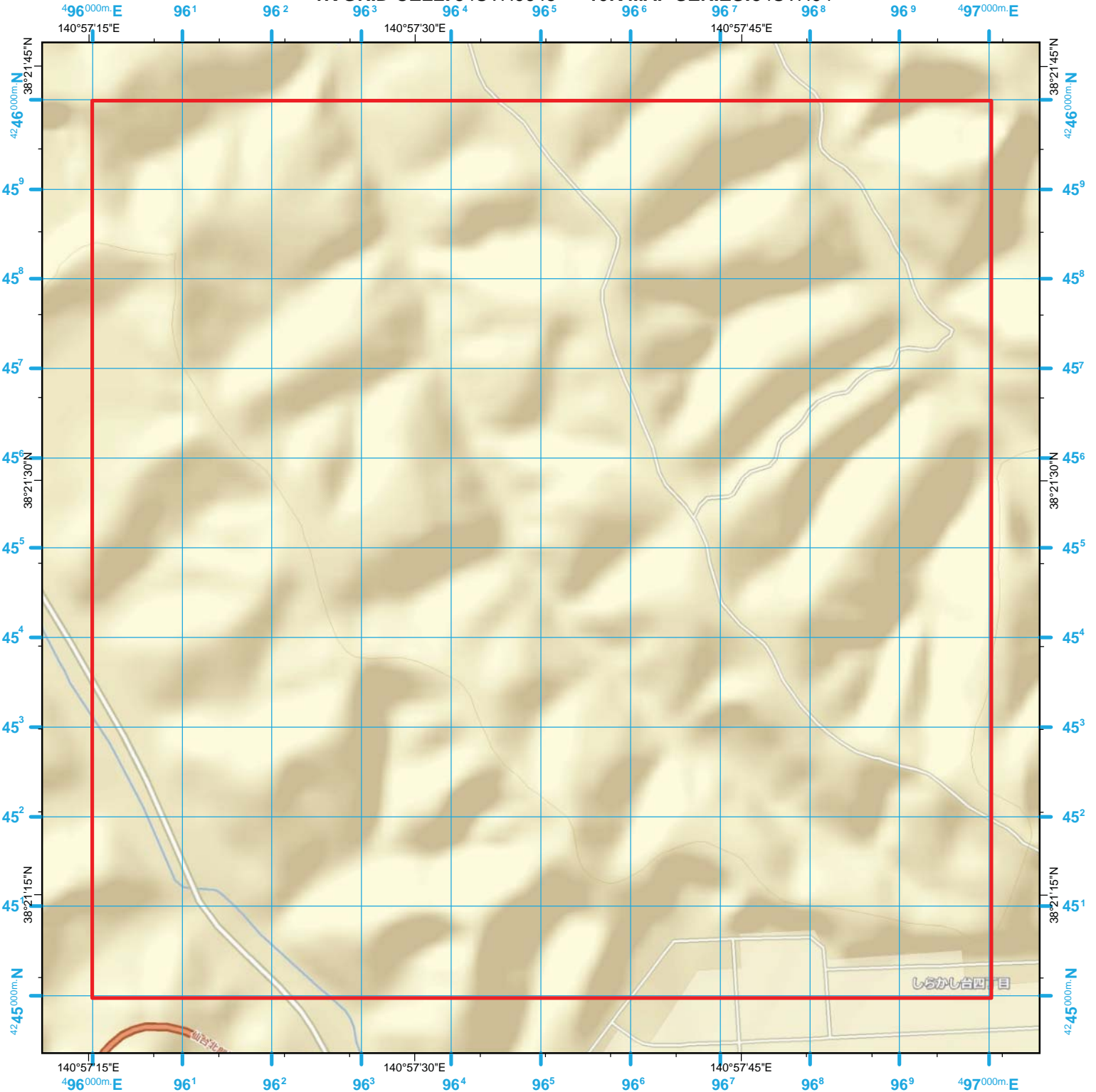
INDEX MAP

MAPSHEET 290 of 400

246	269	292	312
245	268	291	311
244	267	290	310
243	266	289	309
242	265	288	308

SENDAI, JAPAN

1K GRID CELL: 54SVH9645 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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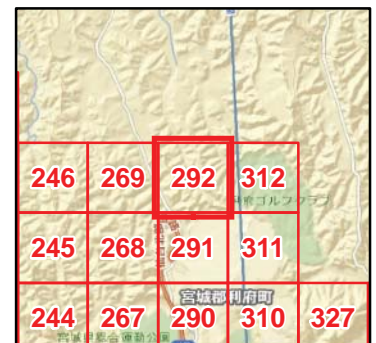
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

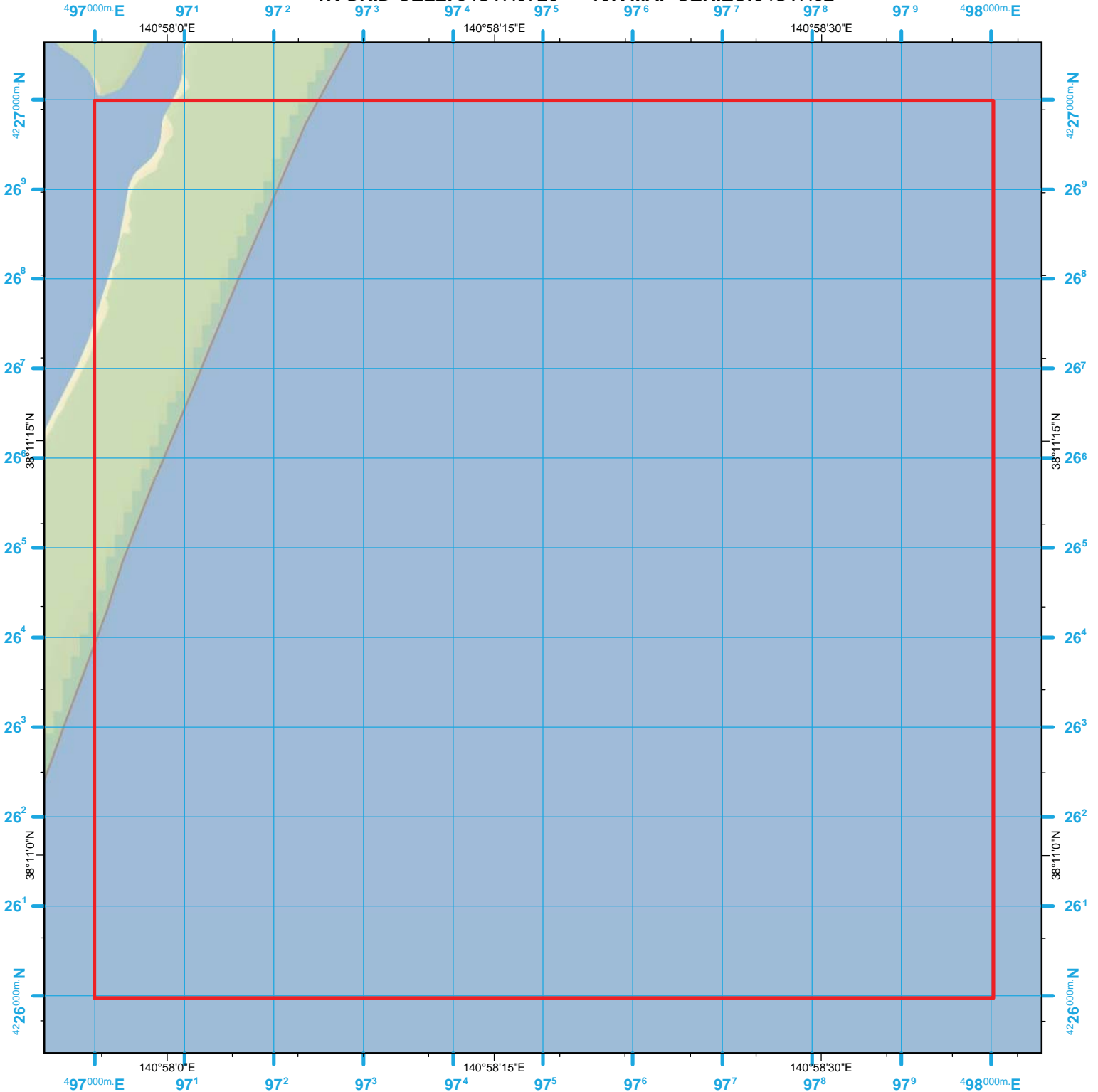


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SENDAI, JAPAN

1K GRID CELL: 54SVH9726 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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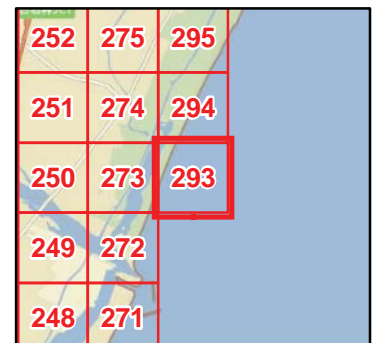
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

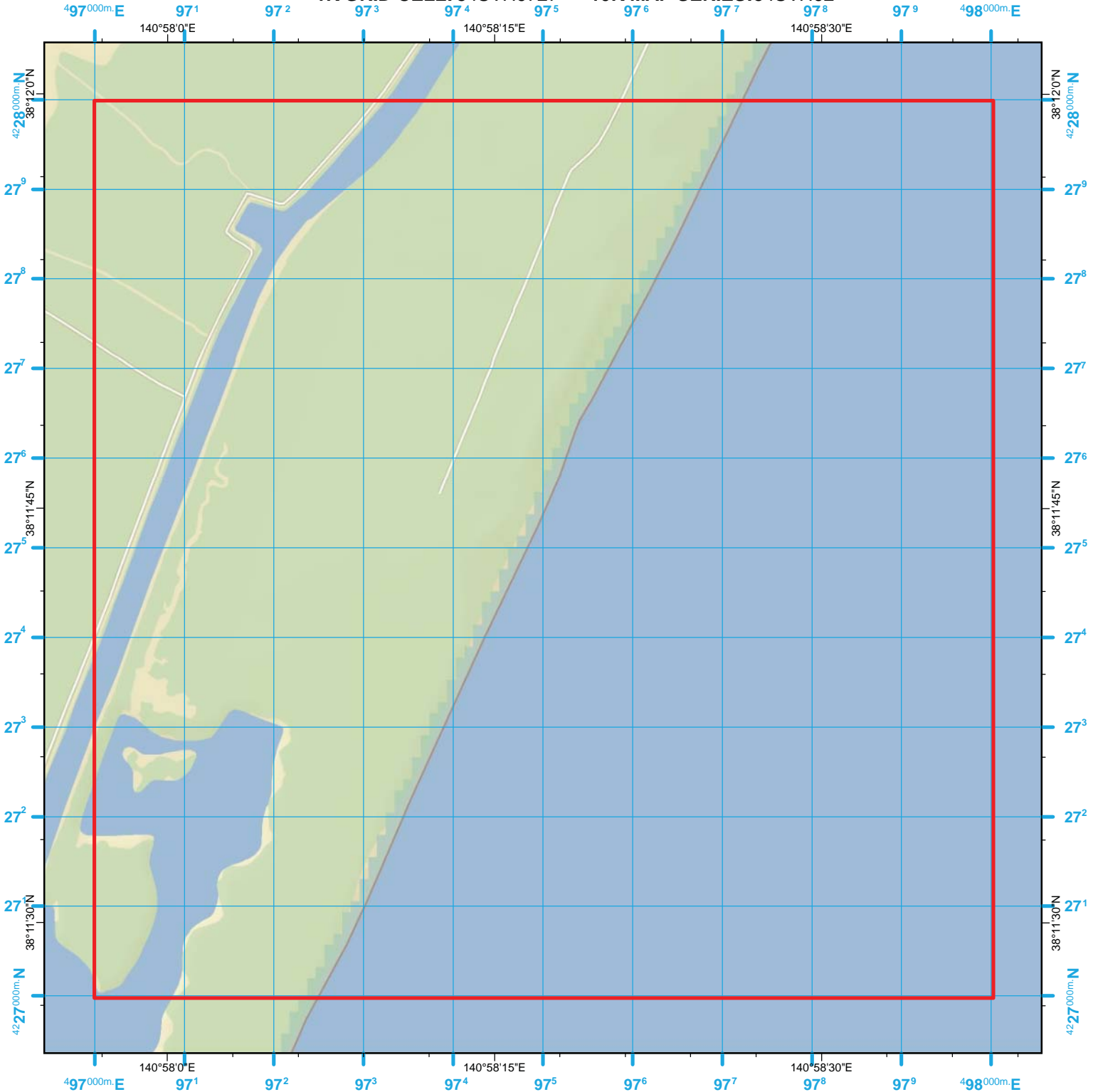


INDEX MAP MAPSHEET 293 of 400



SENDAI, JAPAN

1K GRID CELL: 54SVH9727 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



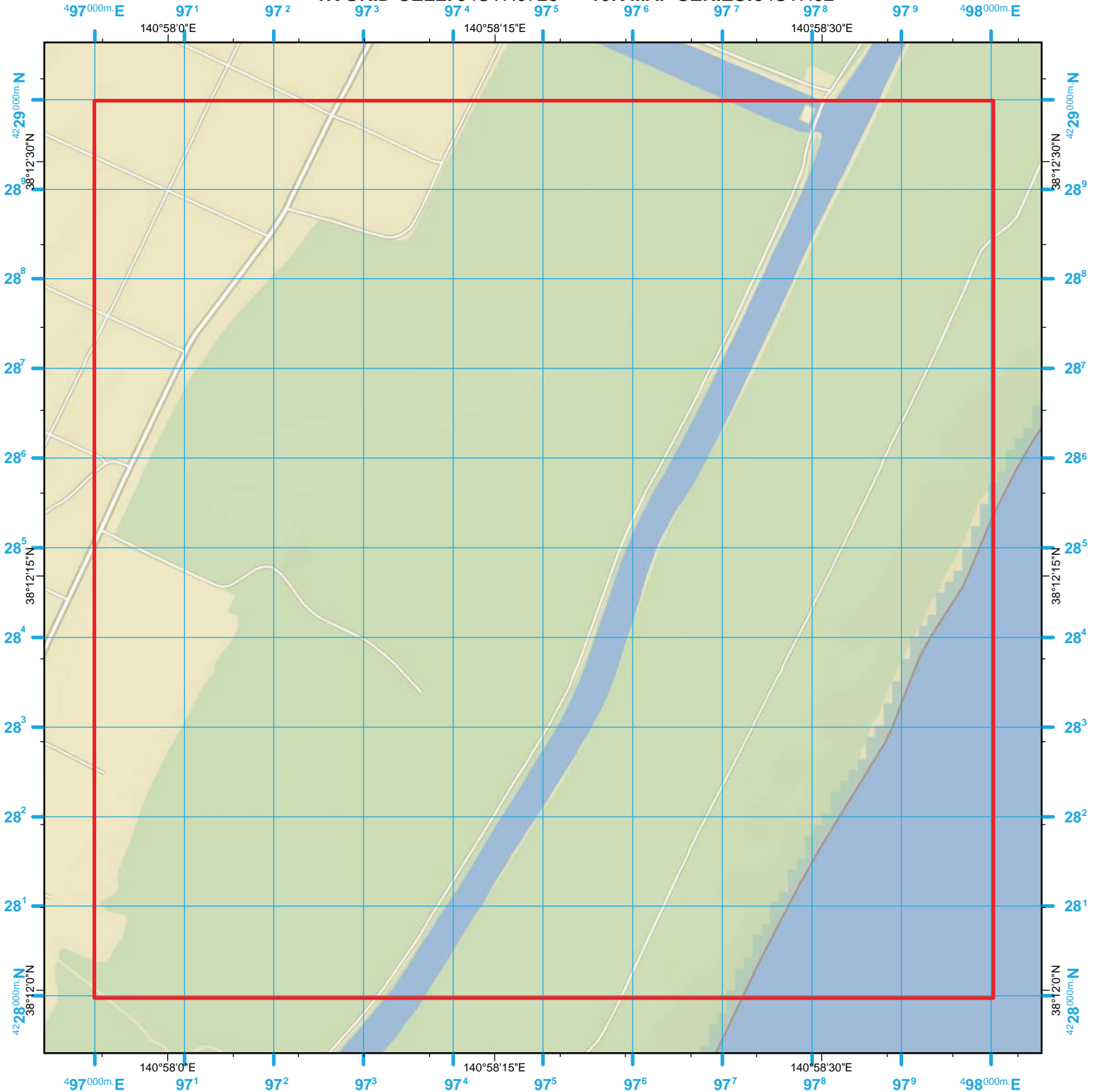
INDEX MAP

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SENDAI, JAPAN

1K GRID CELL: 54SVH9728 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

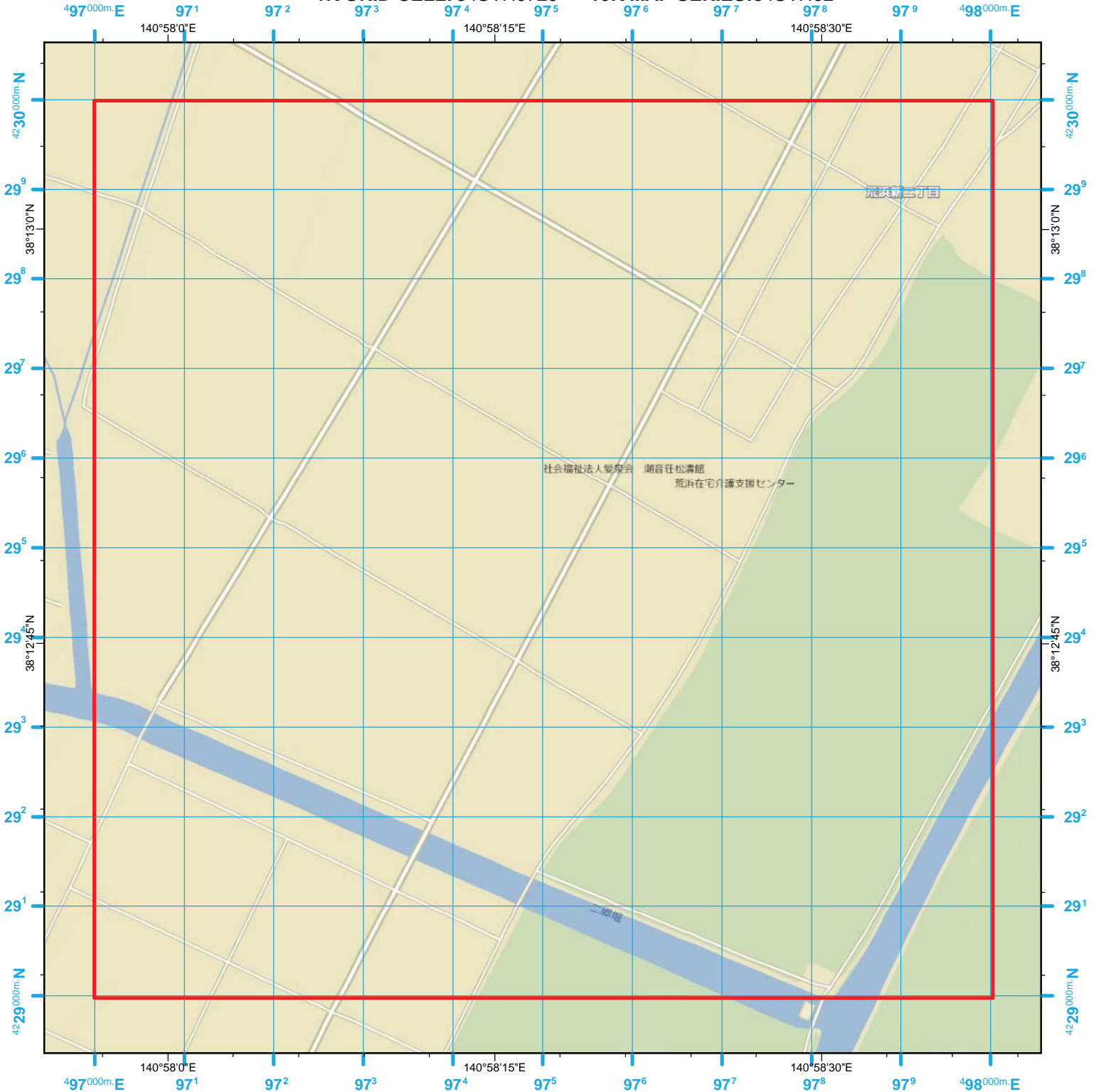
MAPSHEET 295 of 400

254	277	297	314	328
253	276	296	313	
252	275	295		
251	274	294		
250	273	293		

SENDAI, JAPAN

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1K GRID CELL: 54SVH9729 10K MAP SERIES: 54SVH92



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



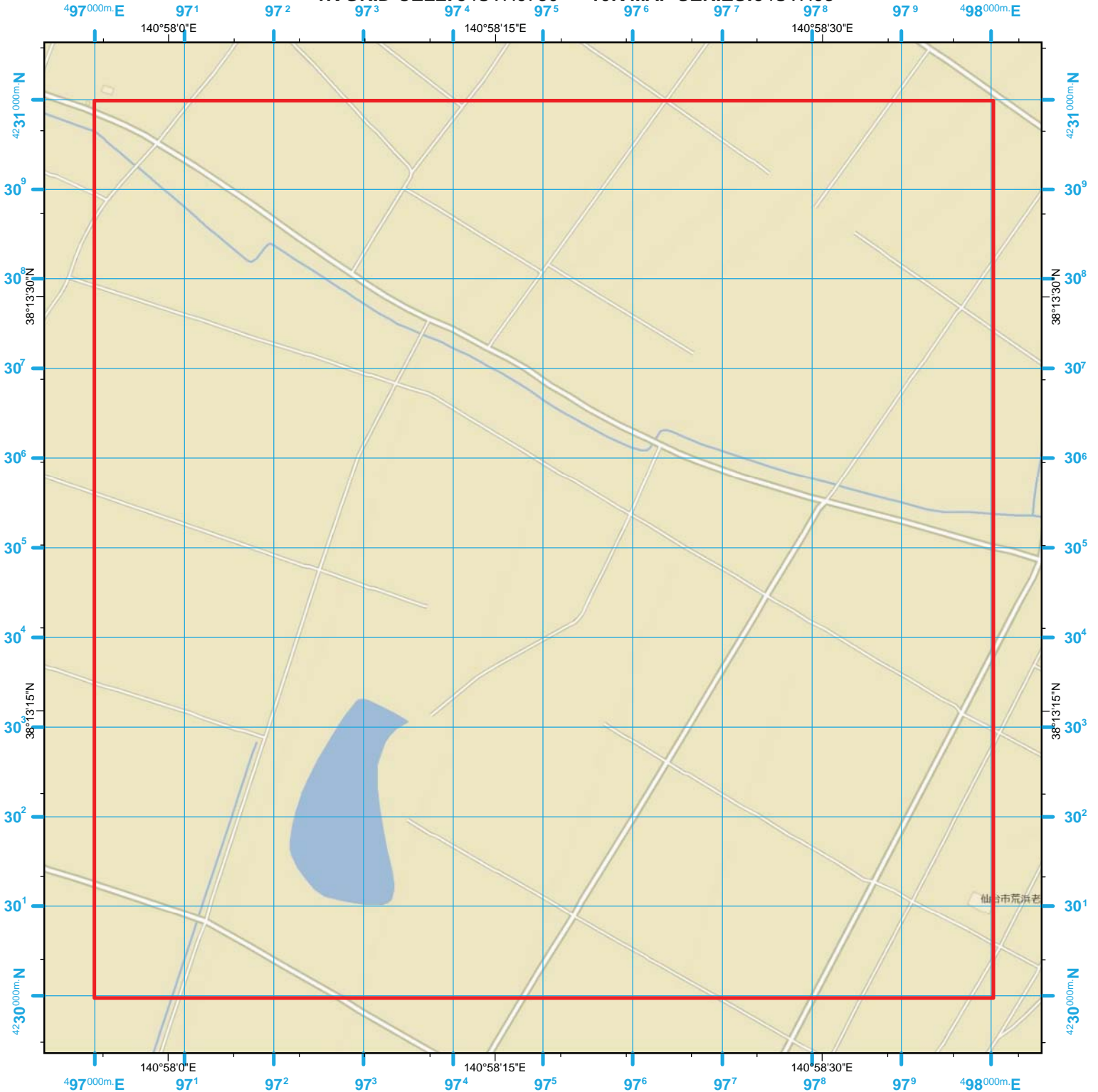
INDEX MAP

MAPSHEET 296 of 400

255	278	298	315	329
254	277	297	314	328
253	276	296	313	
252	275	295		
251	274	294		

SENDAI, JAPAN

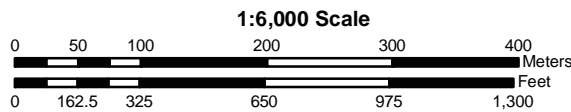
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



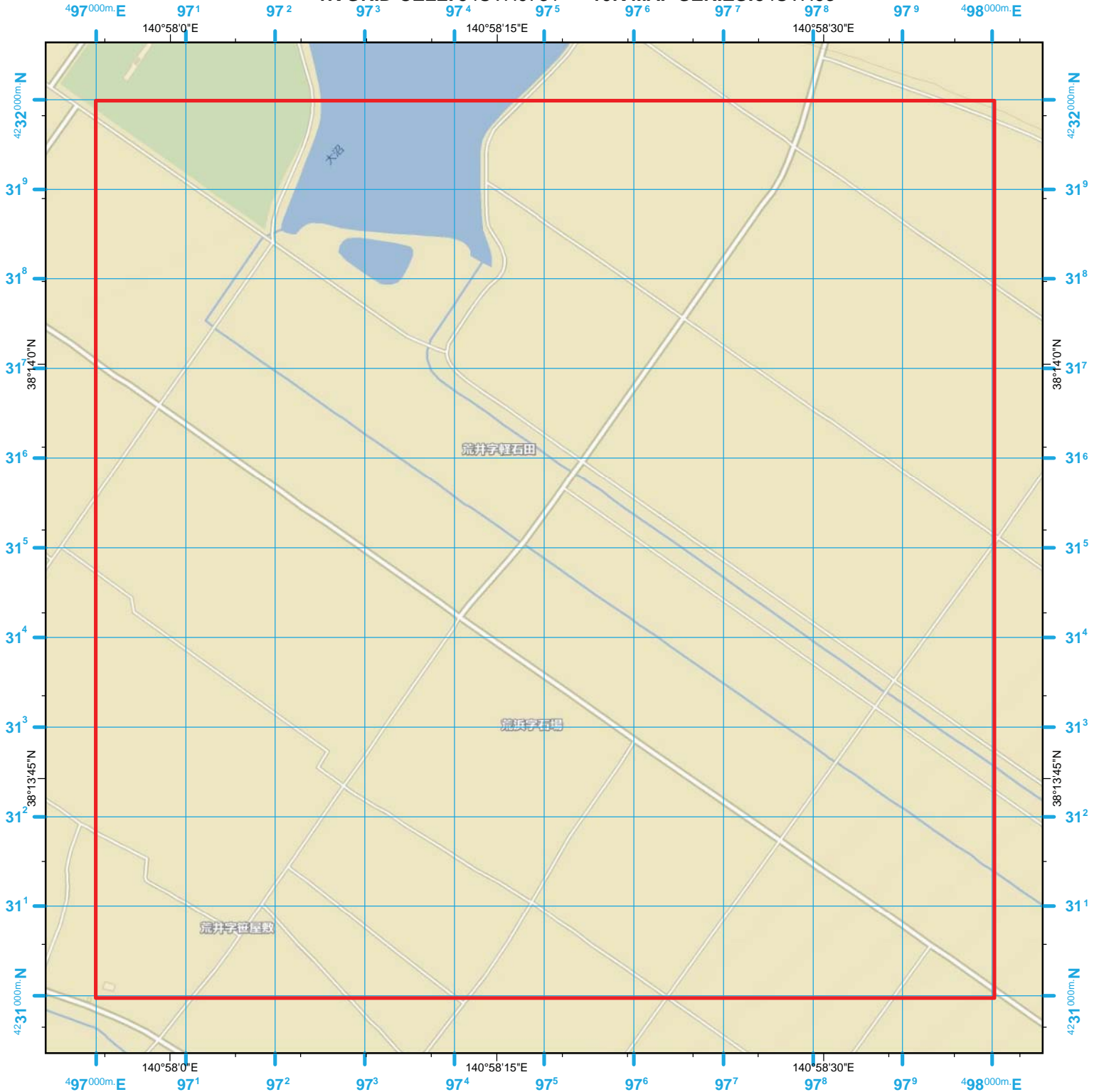
INDEX MAP

MAPSHEET 297 of 400

256	279	299	316	330
255	278	298	315	329
254	277	297	314	328
253	276	296	313	
252	275	295		

SENDAI, JAPAN

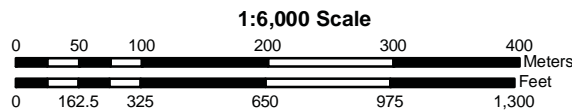
1K GRID CELL: 54SVH9731 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



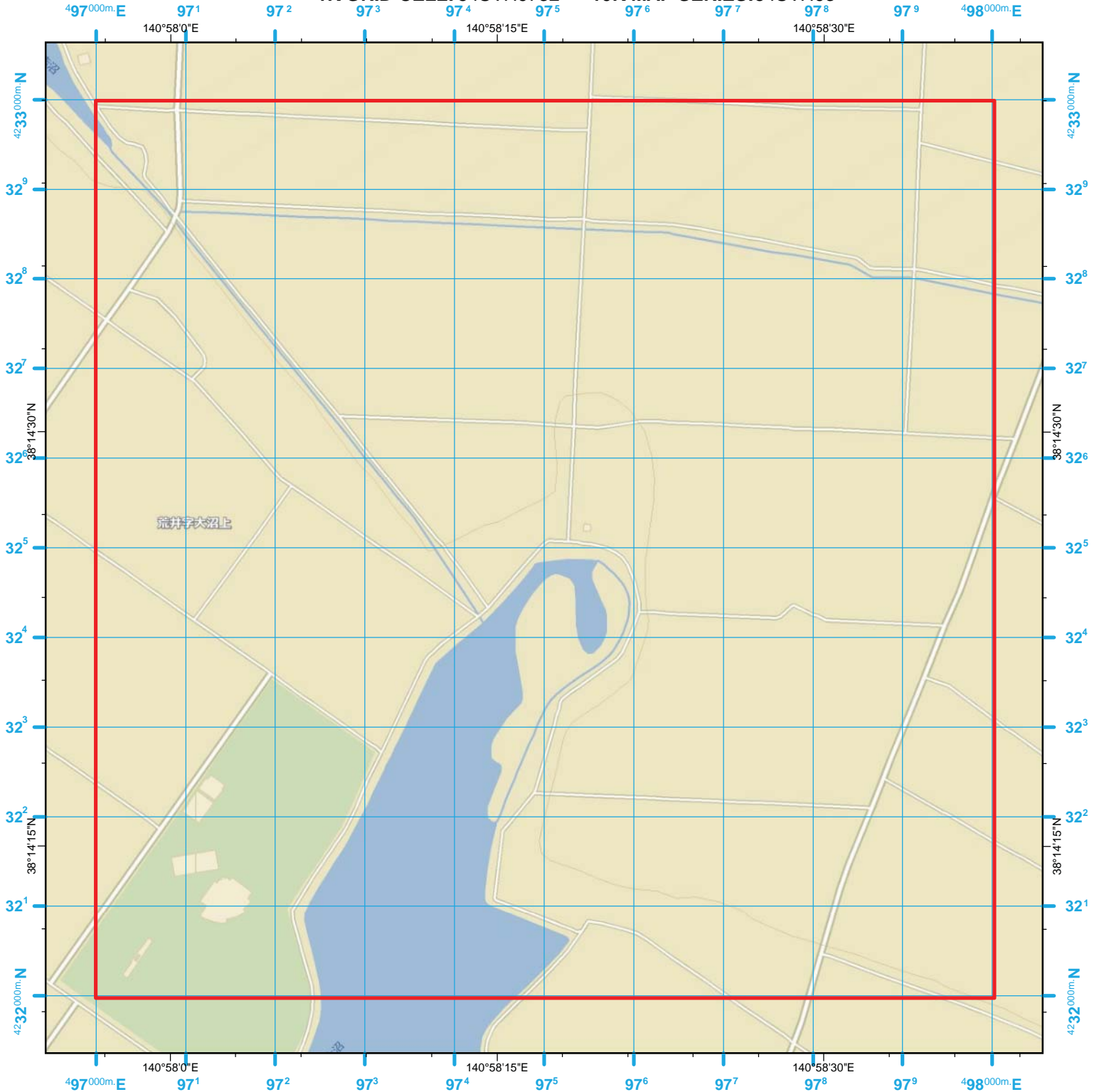
INDEX MAP

MAPSHEET 298 of 400

257	280	300	317	331
256	279	299	316	330
255	278	298	315	329
254	277	297	314	328
253	276	296	313	

SENDAI, JAPAN

1K GRID CELL: 54SVH9732 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

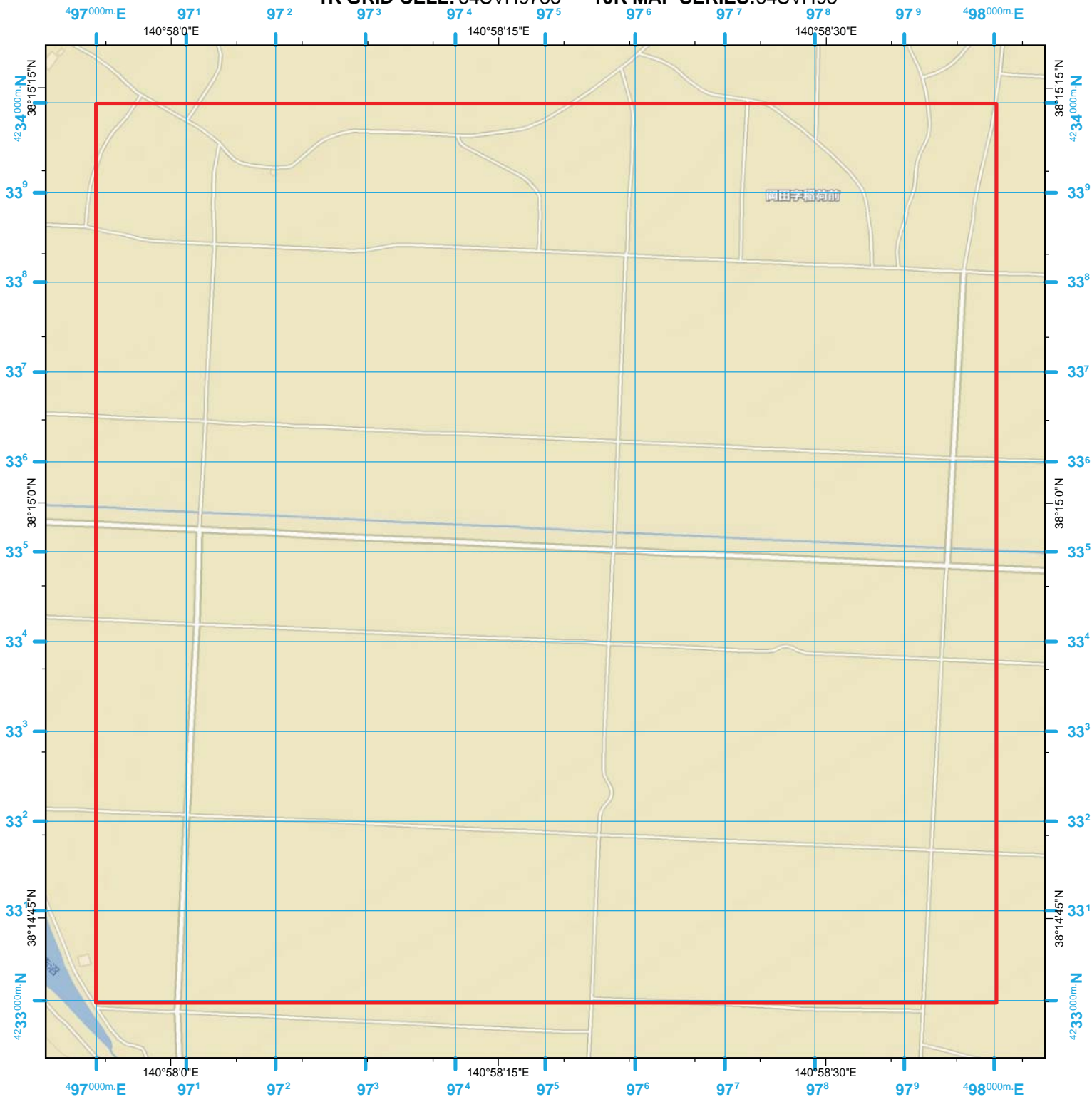
MAPSHEET 299 of 400

258	281	301	318	332
257	280	300	317	331
256	279	299	316	330
255	278	298	315	329
254	277	297	314	328

SENDAI, JAPAN

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1K GRID CELL: 54SVH9733 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



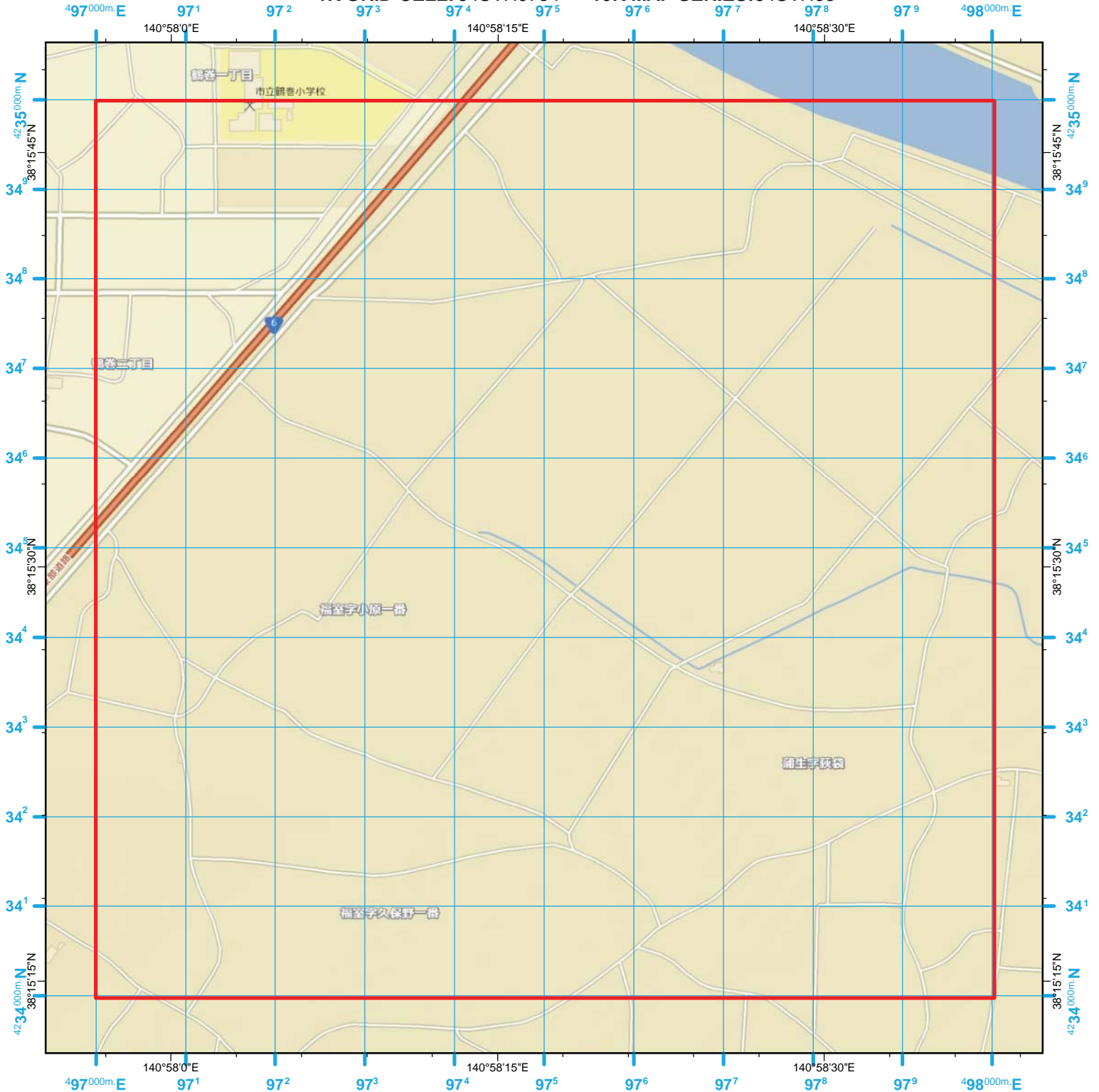
INDEX MAP

MAPSHEET 300 of 400

259	282	302	319	333
258	281	301	318	332
257	280	300	317	331
256	279	299	316	330
255	278	298	315	329

SENDAI, JAPAN

1K GRID CELL: 54SVH9734 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

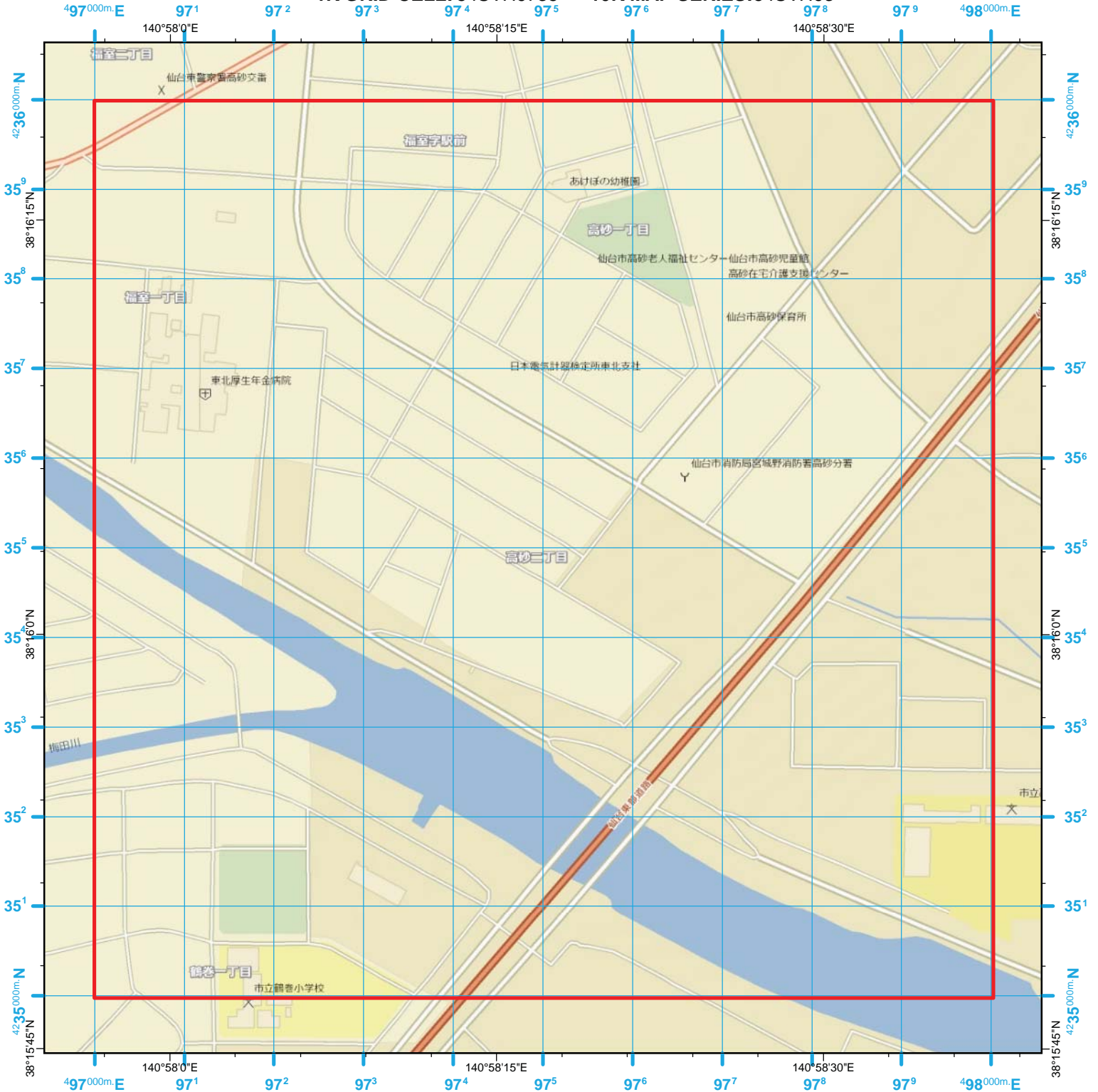
MAPSHEET 301 of 400

260	283	303	320	334
259	282	302	319	333
258	281	301	318	332
257	280	300	317	331
256	279	299	316	330

SENDAI, JAPAN

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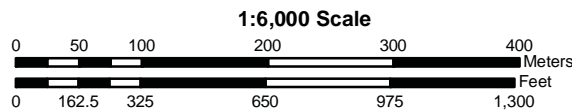
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

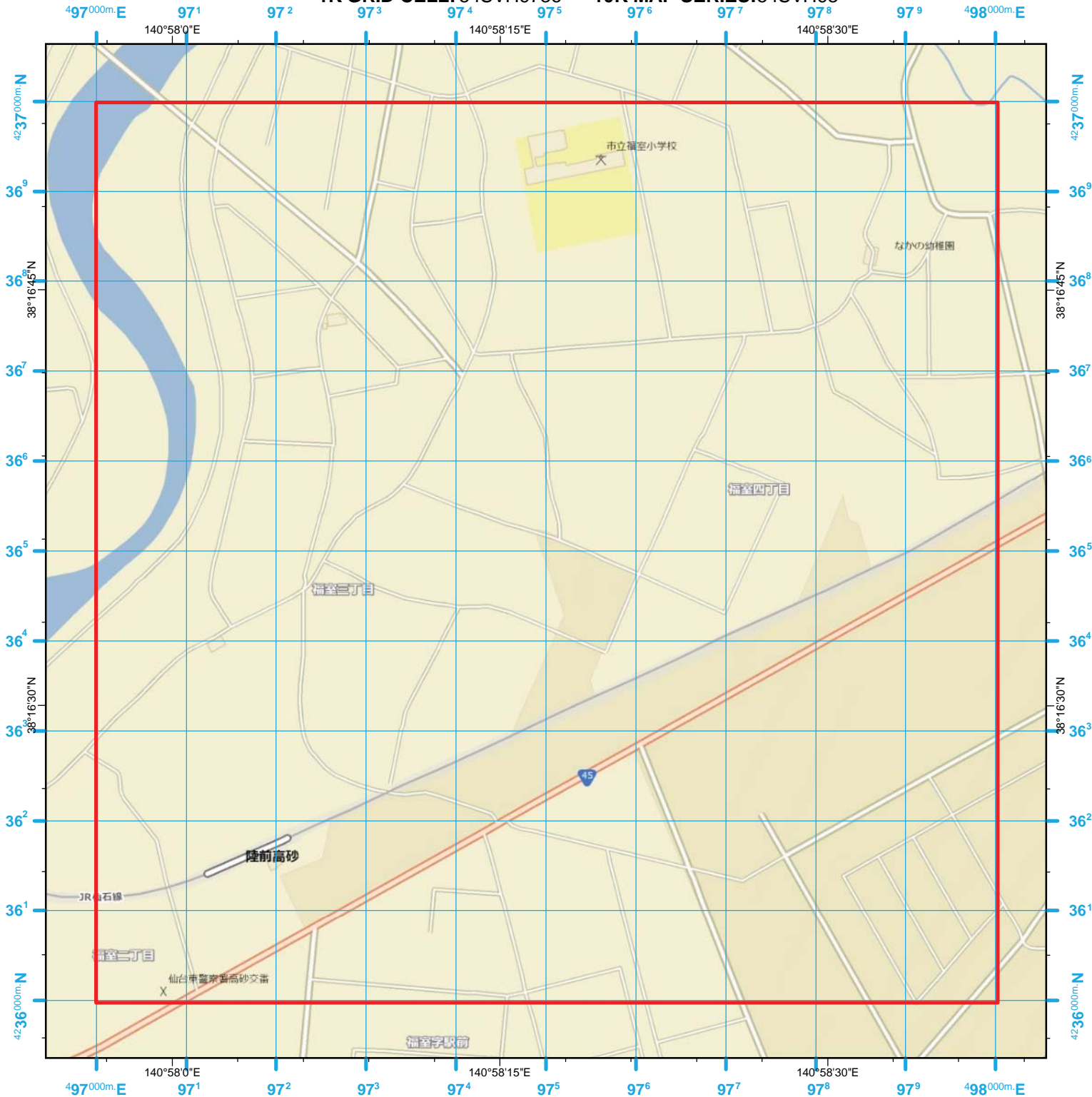
MAPSHEET 302 of 400

261	284	304	321	335
260	283	303	320	334
259	282	302	319	333
258	281	301	318	332
257	280	300	317	331

SENDAI, JAPAN

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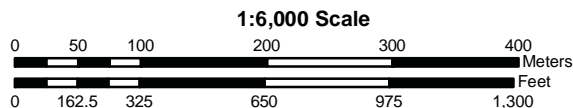
1K GRID CELL: 54SVH9736 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

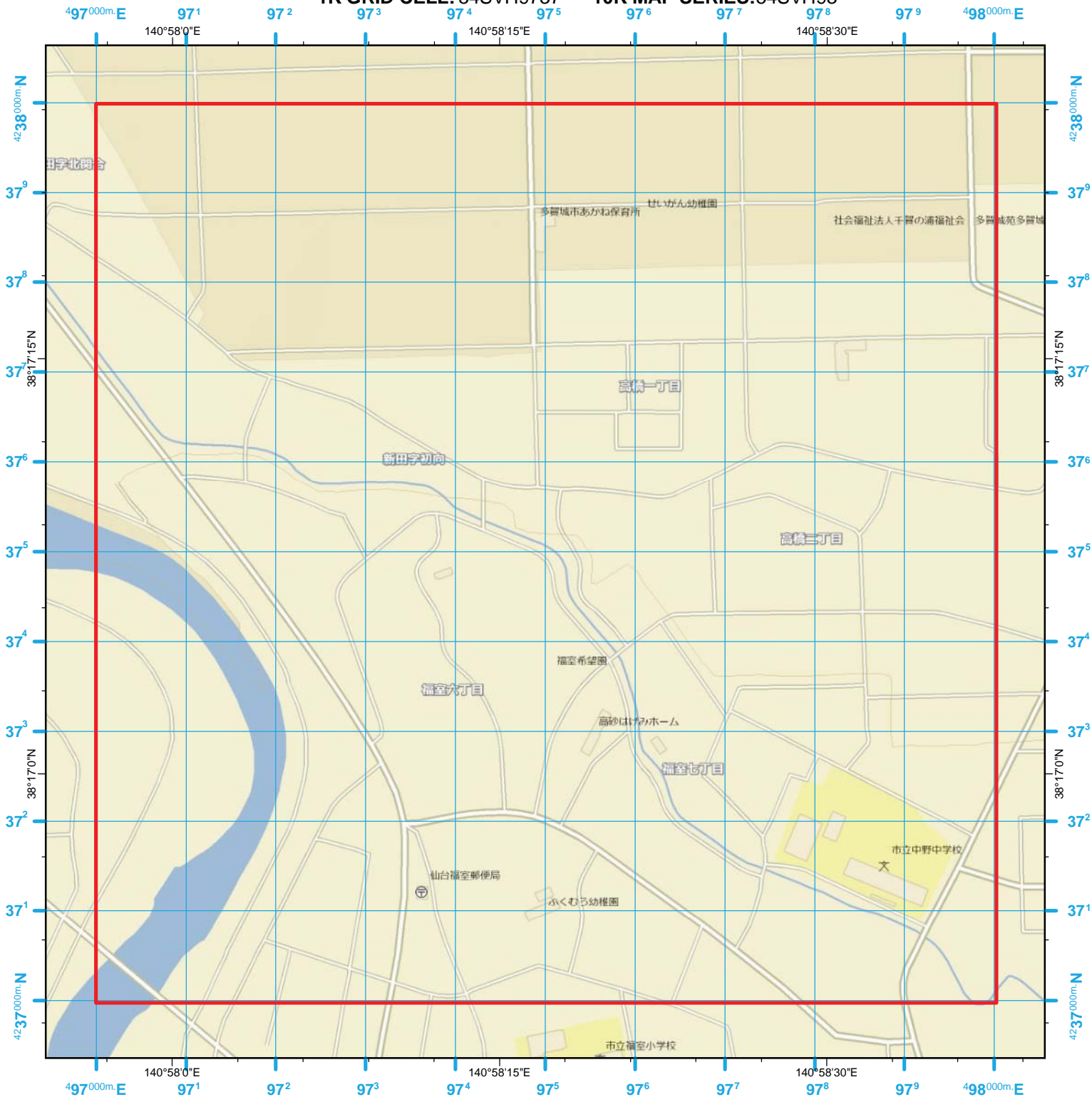
MAPSHEET 303 of 400

262	285	305	322	336
261	284	304	321	335
260	283	303	320	334
259	282	302	319	333
258	281	301	318	332

SENDAI, JAPAN

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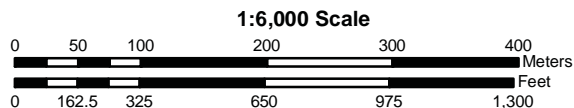
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

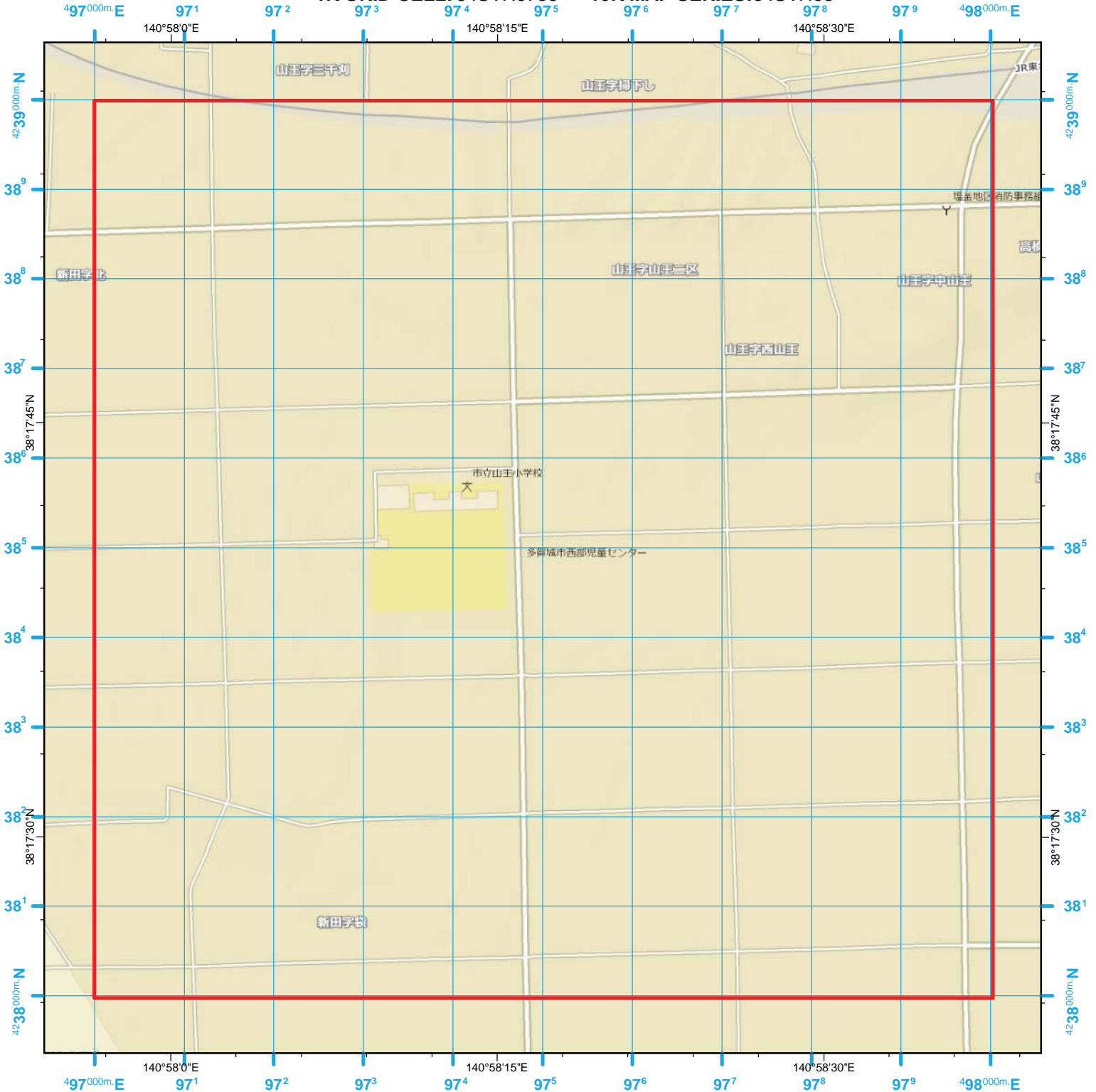
MAPSHEET 304 of 400

263	286	306	323	337
262	285	305	322	336
261	284	304	321	335
260	283	303	320	334
259	282	302	319	333

SENDAI, JAPAN

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1K GRID CELL: 54SVH9738 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

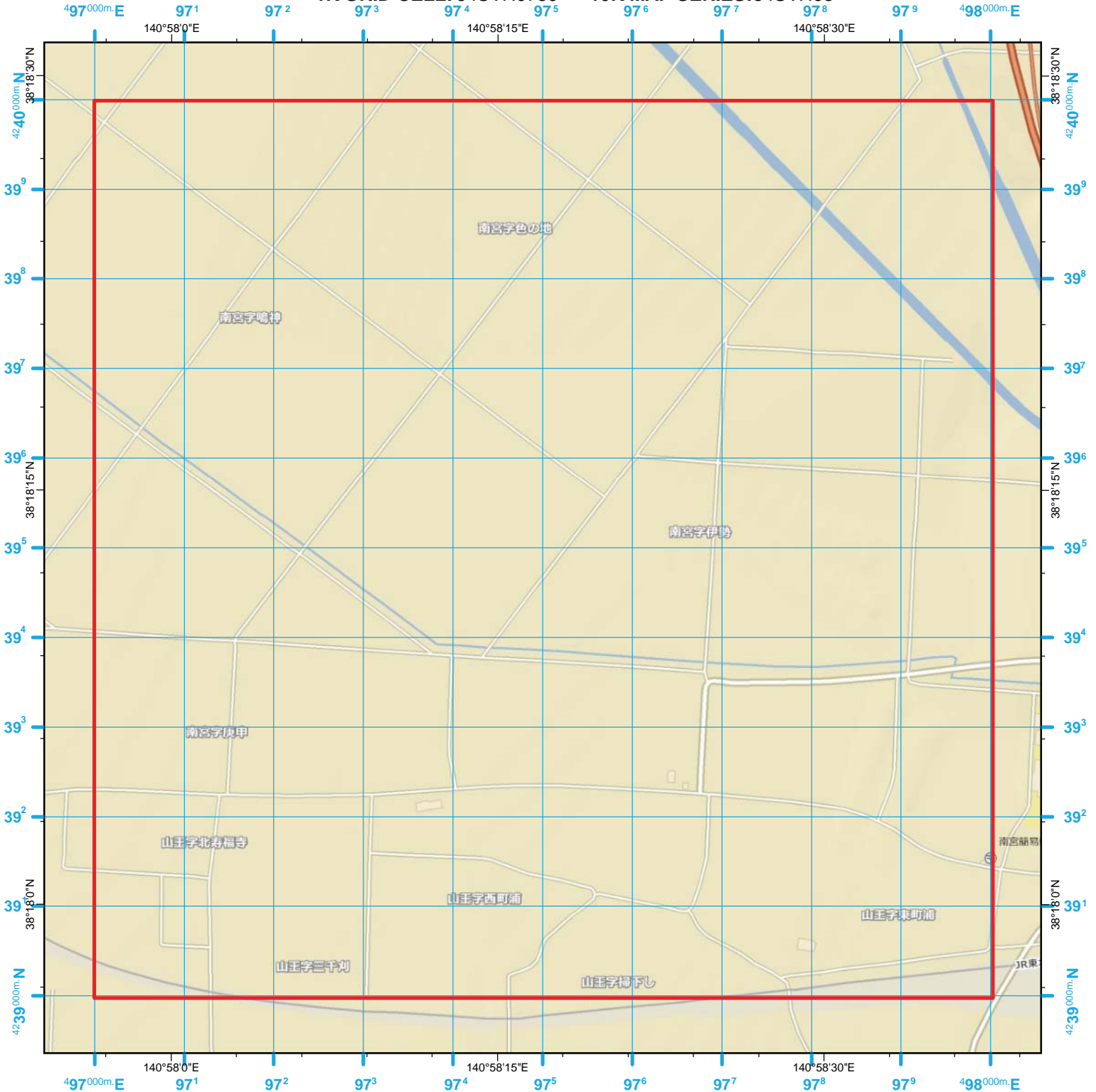
MAPSHEET 305 of 400

264	287	307	324	338
263	286	306	323	337
262	285	305	322	336
261	284	304	321	335
260	283	303	320	334

SENDAI, JAPAN

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1K GRID CELL: 54SVH9739 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



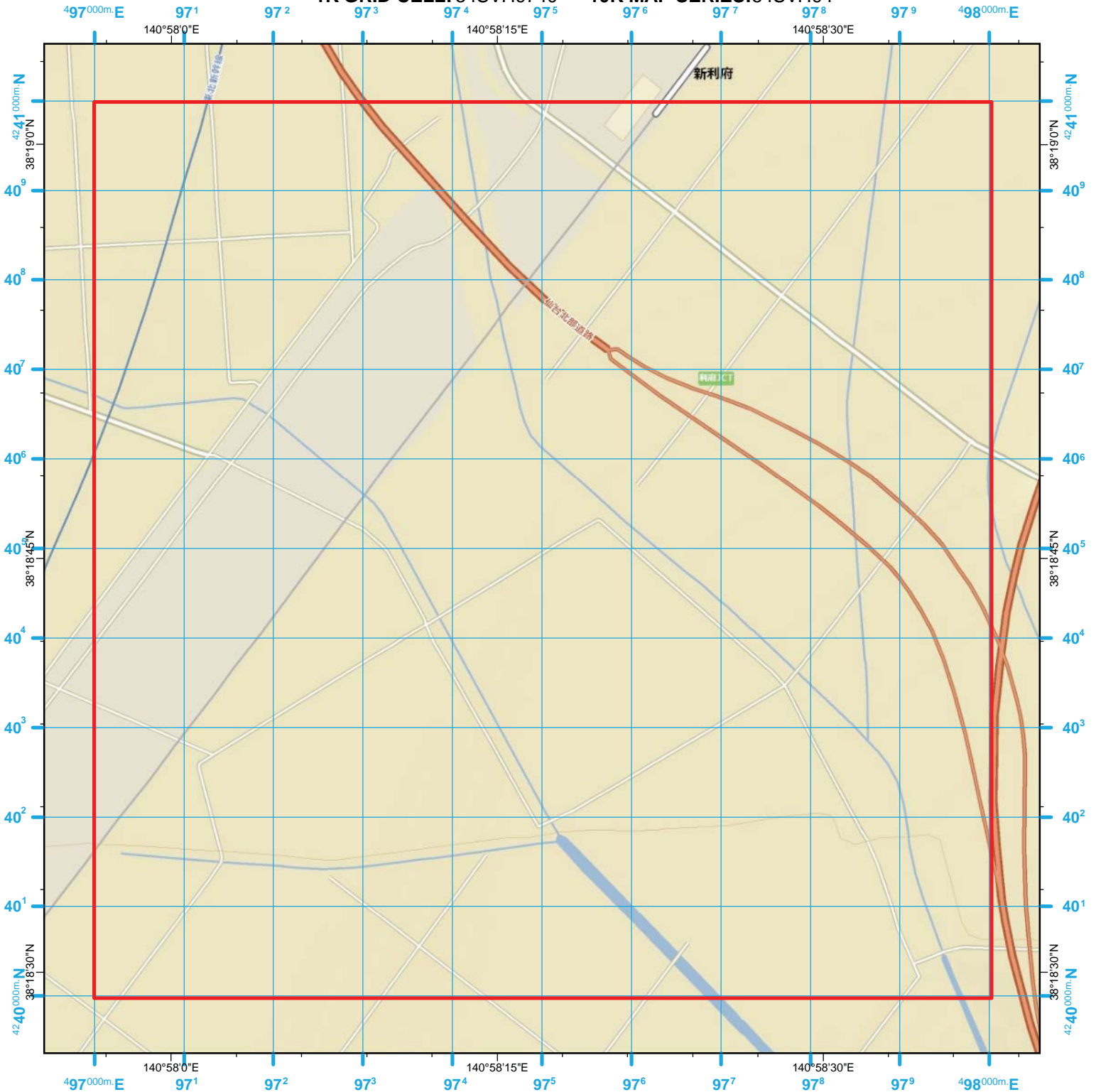
INDEX MAP

MAPSHEET 306 of 400

265	288	308	325	339
264	287	307	324	338
263	286	306	323	337
262	285	305	322	336
261	284	304	321	335

SENDAI, JAPAN

1K GRID CELL: 54SVH9740 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

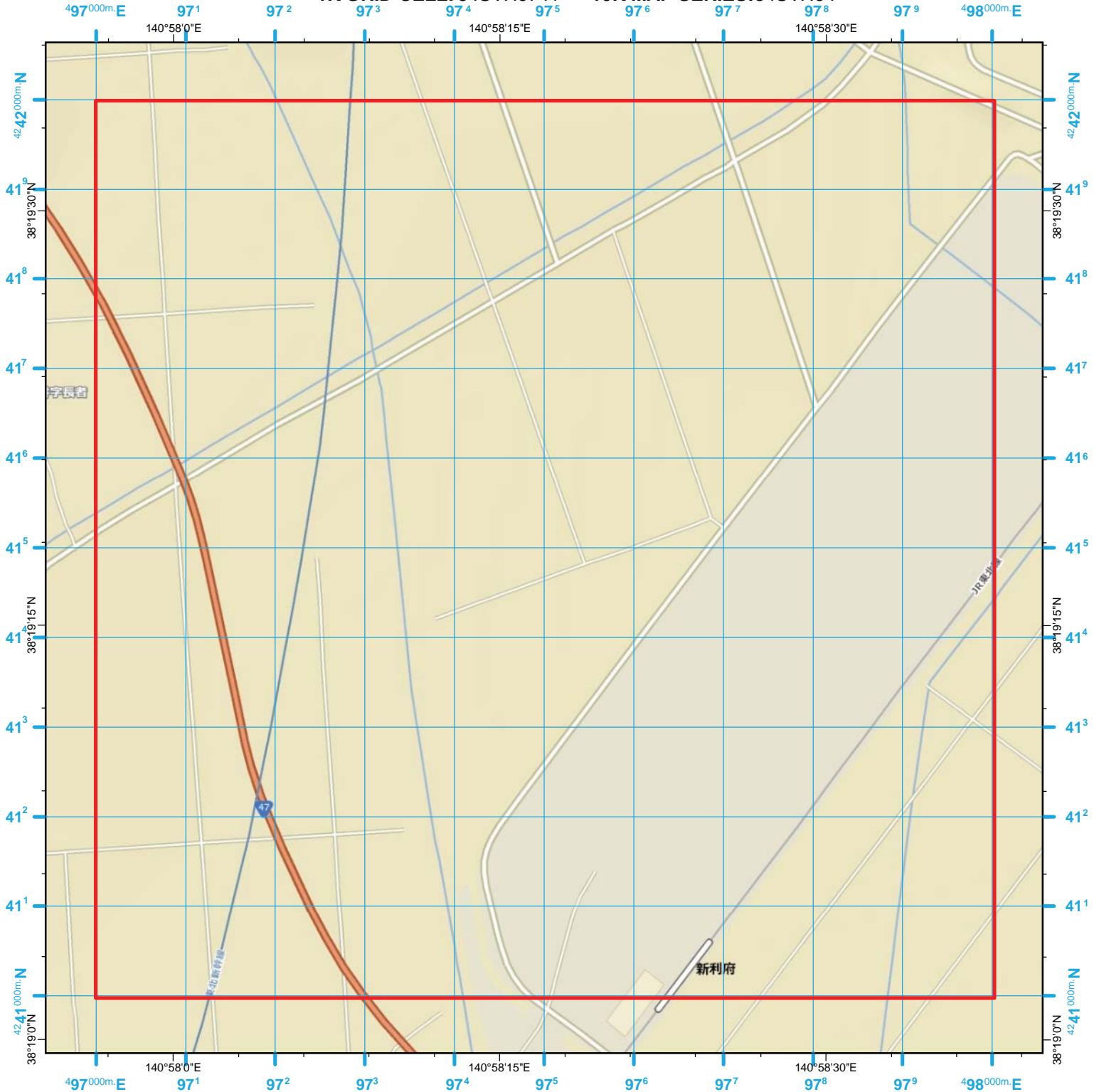
MAPSHEET 307 of 400

266	289	309	326	340
265	288	308	325	339
264	287	307	324	338
263	286	306	323	337
262	285	305	322	336

SENDAI, JAPAN

UNCLASSIFIED//FOUO

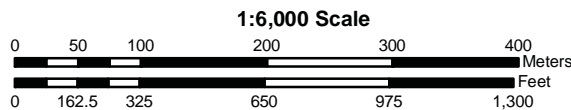
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation

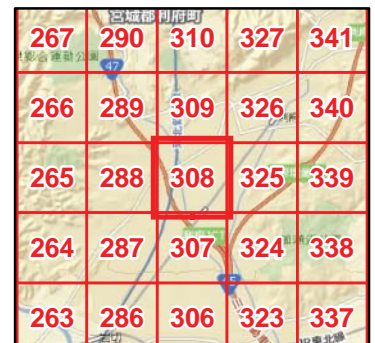


- Search Grid
- H Hospital
- P Police
- S School



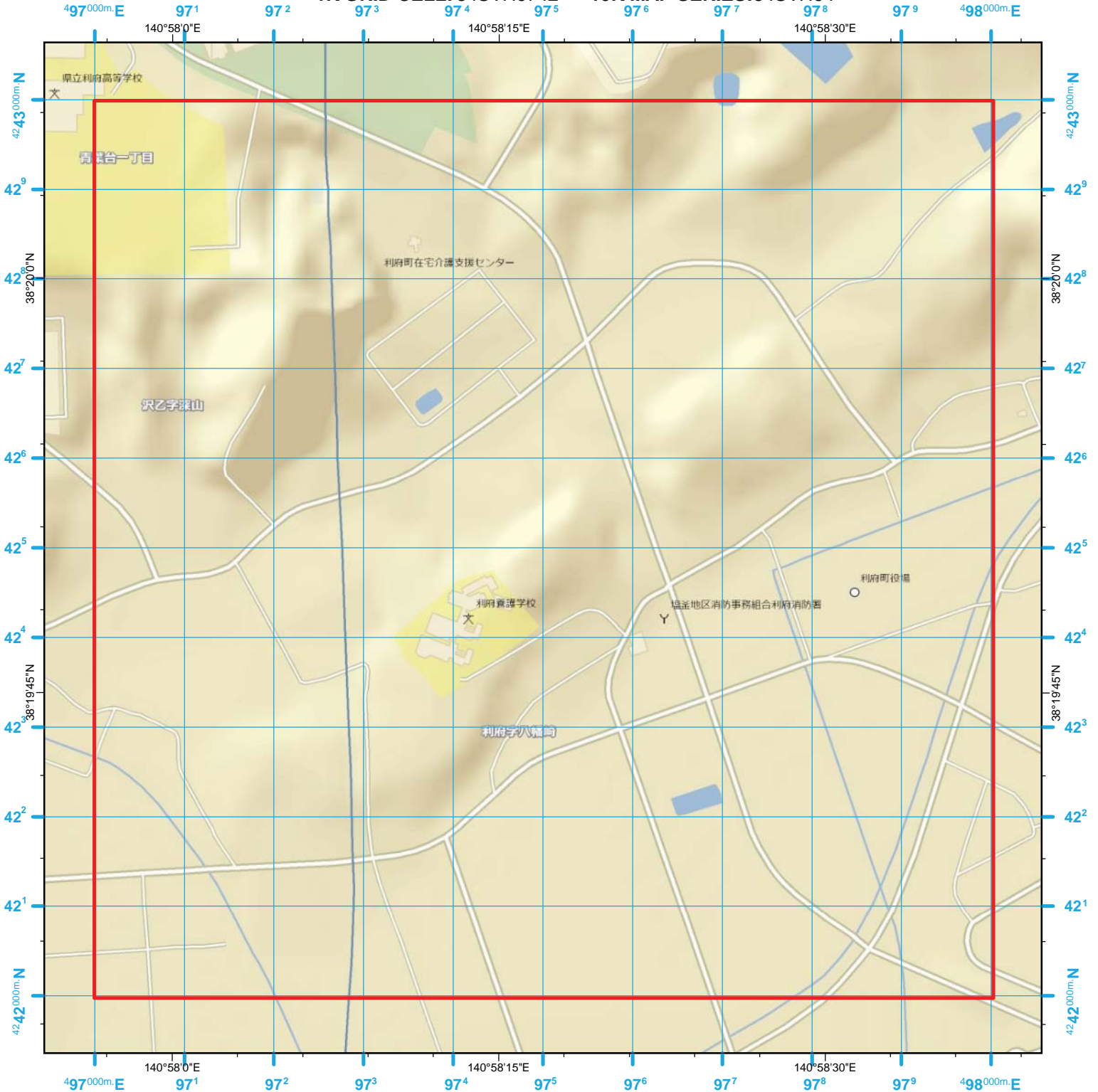
INDEX MAP

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SENDAI, JAPAN

1K GRID CELL: 54SVH9742 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



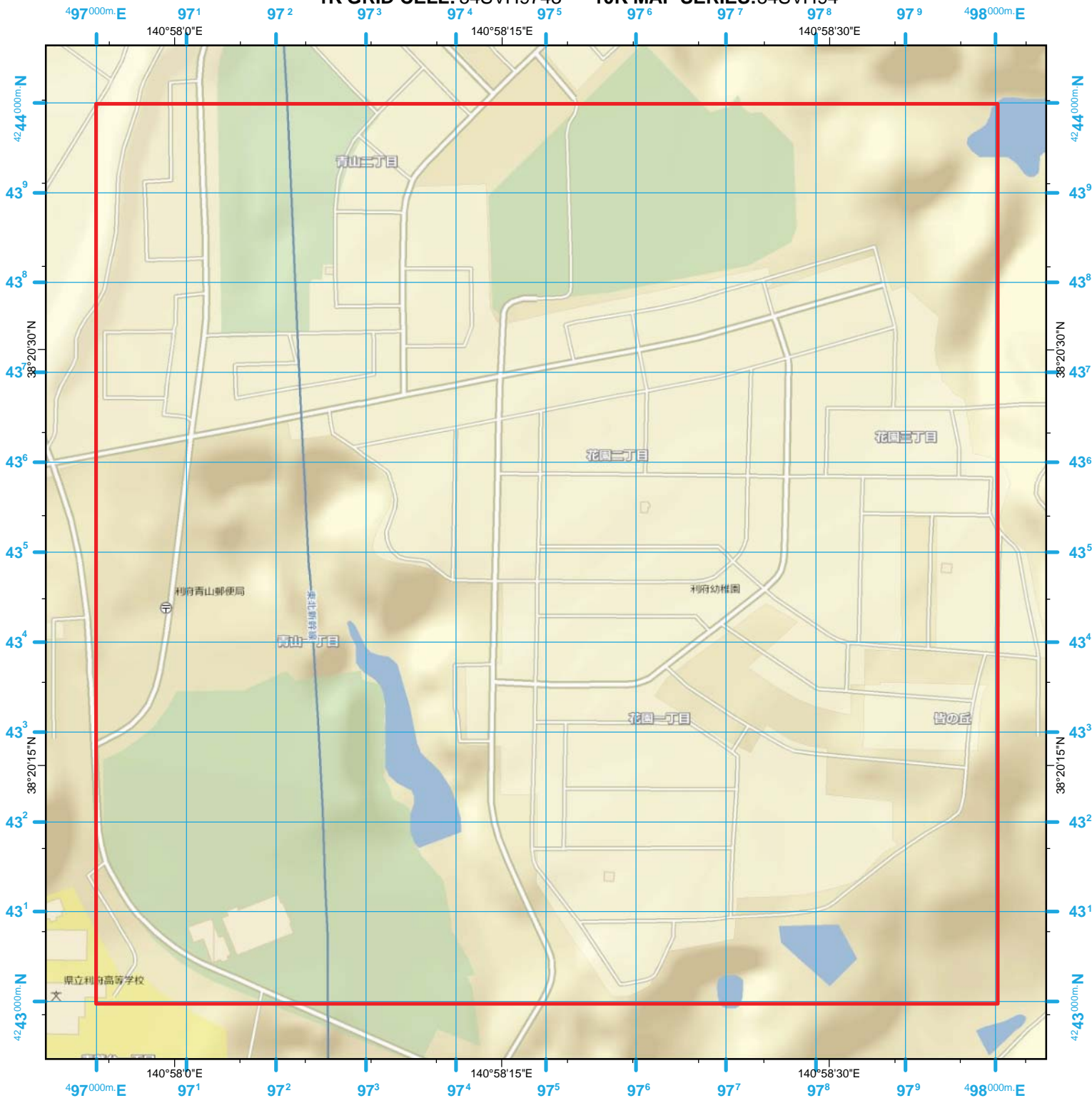
INDEX MAP MAPSHEET 309 of 400

268	291	311		
267	290	310	327	341
266	289	309	326	340
265	288	308	325	339
264	287	307	324	338

SENDAI, JAPAN

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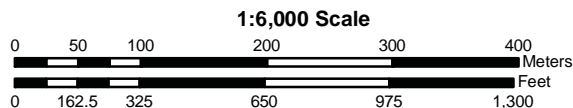
1K GRID CELL: 54SVH9743 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

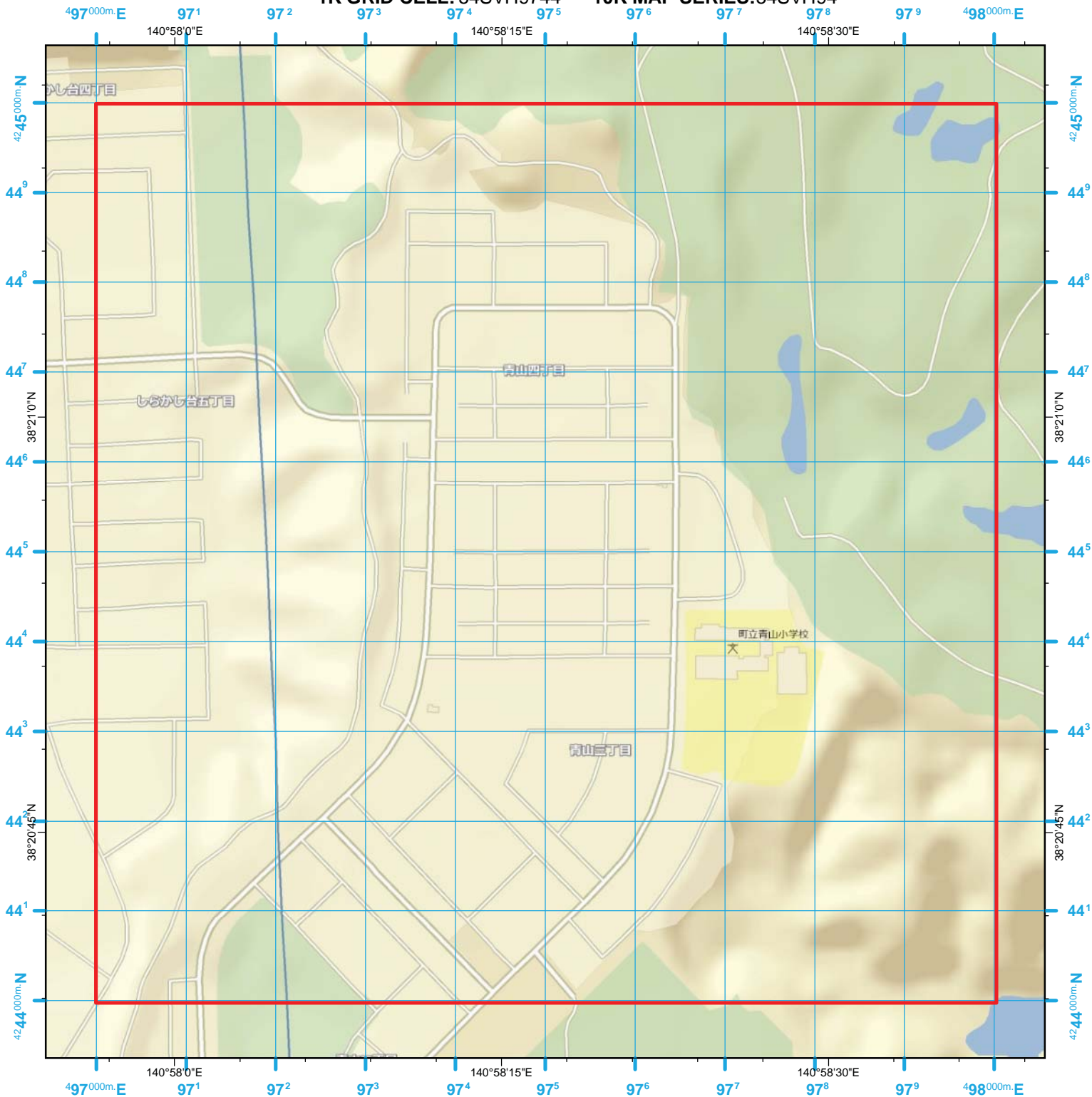
MAPSHEET 310 of 400

269	292	312		
268	291	311		
267	290	310	327	341
266	289	309	326	340
265	288	308	325	339

SENDAI, JAPAN

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1K GRID CELL: 54SVH9744 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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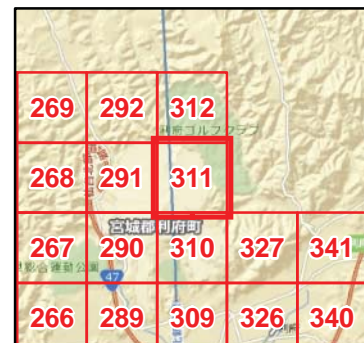
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

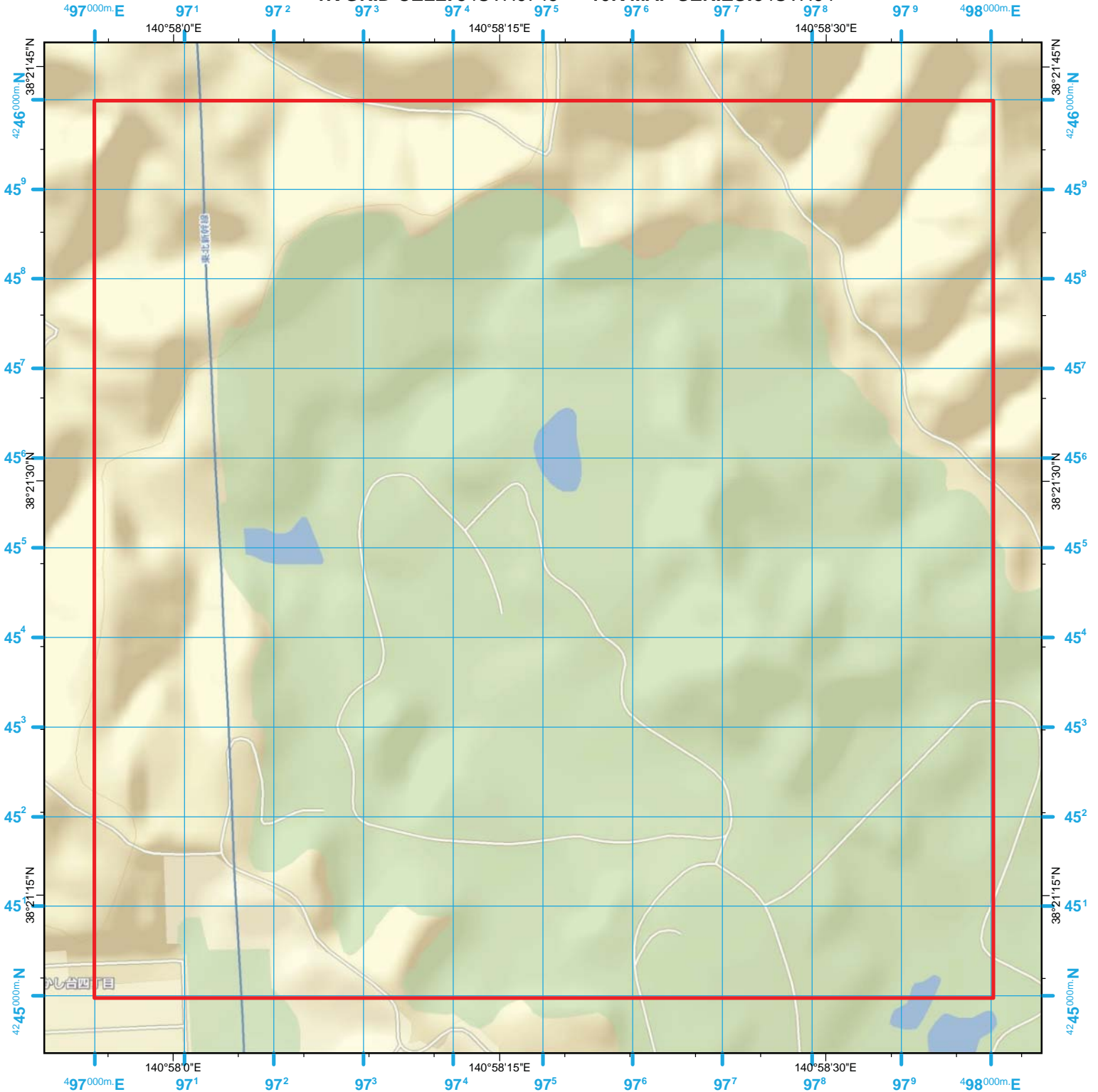


INDEX MAP MAPSHEET 311 of 400



SENDAI, JAPAN

1K GRID CELL: 54SVH9745 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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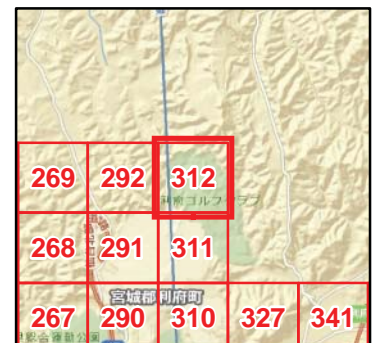
MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

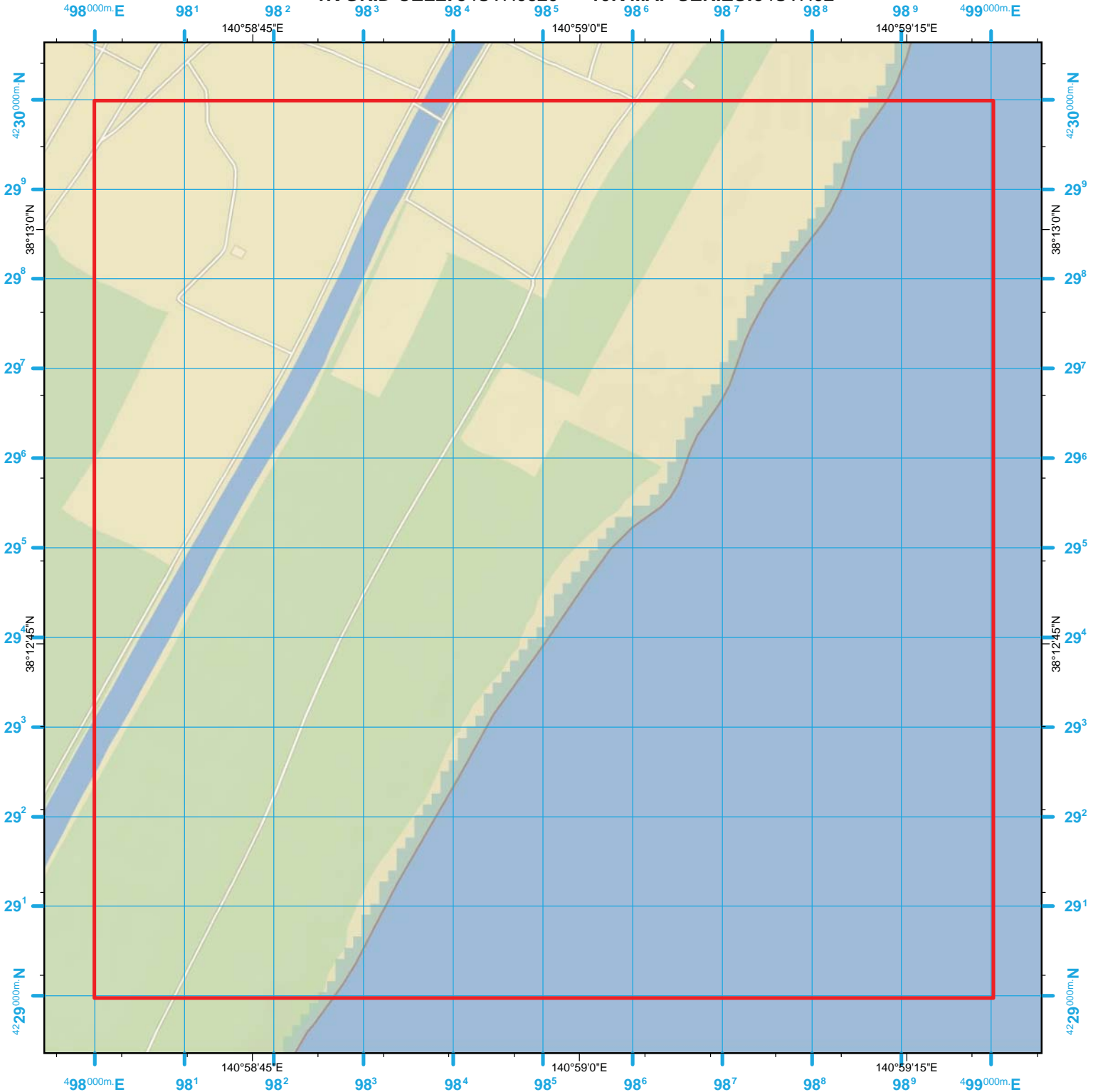


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SENDAI, JAPAN

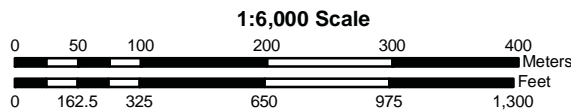
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

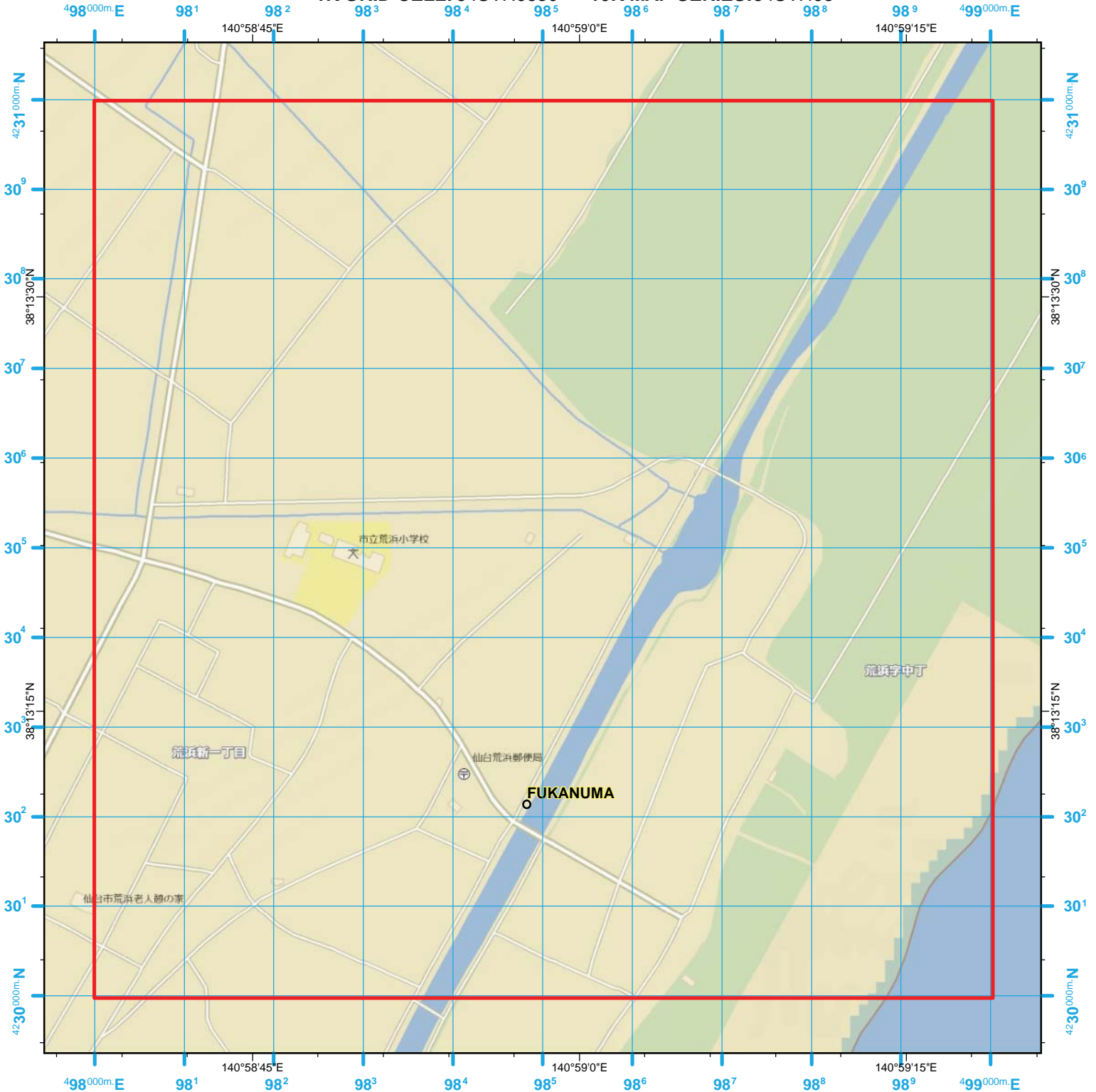
MAPSHEET 313 of 400

278	298	315	329	342
277	297	314	328	
276	296	313		
275	295			
274	294			

SENDAI, JAPAN

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1K GRID CELL: 54SVH9830 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



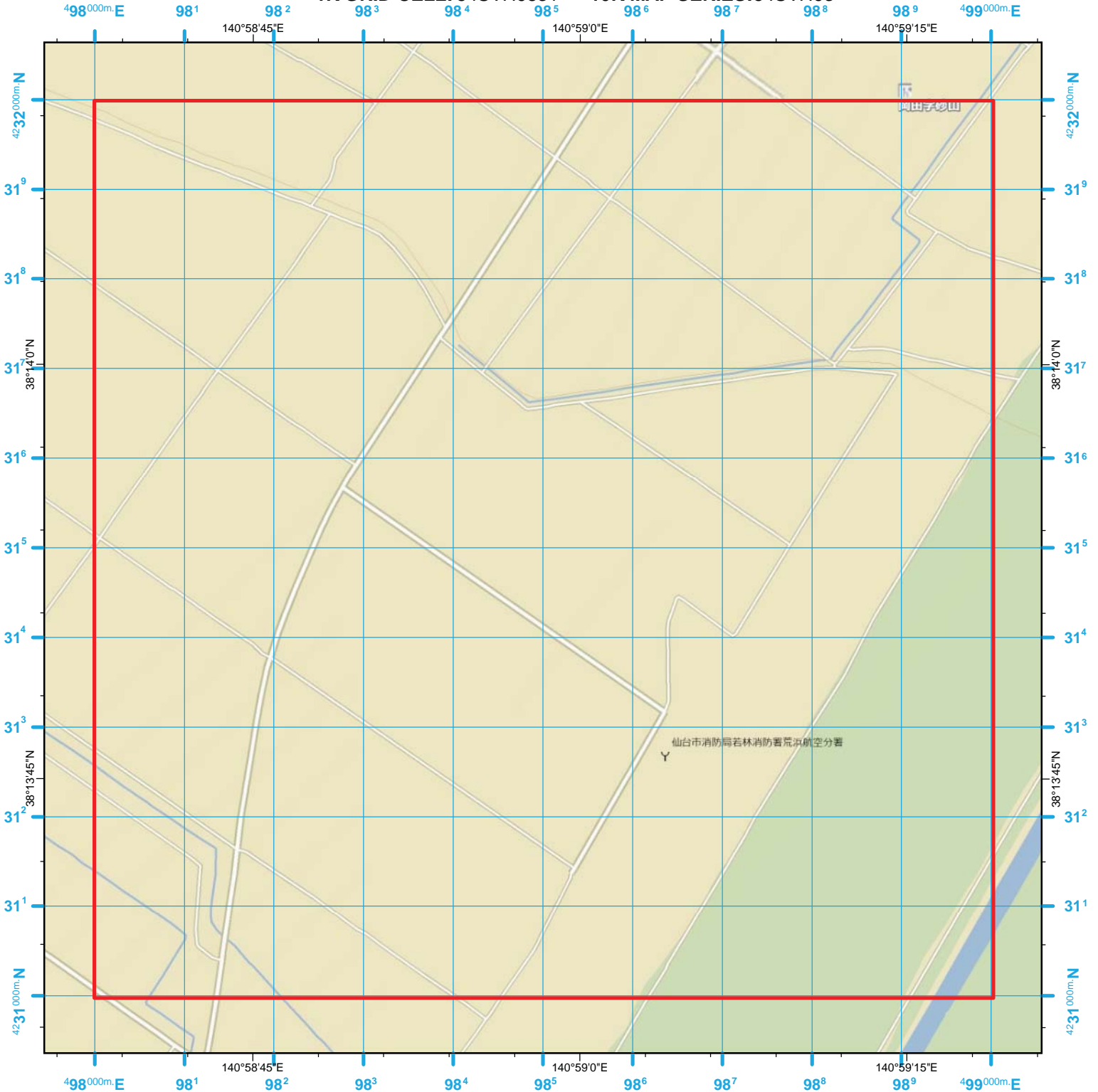
INDEX MAP

MAPSHEET 314 of 400

279	299	316	330	343
278	298	315	329	342
277	297	314	328	
276	296	313		
275	295			

SENDAI, JAPAN

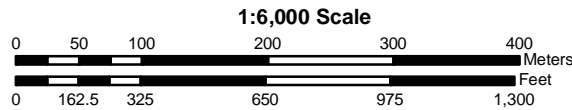
1K GRID CELL: 54SVH9831 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

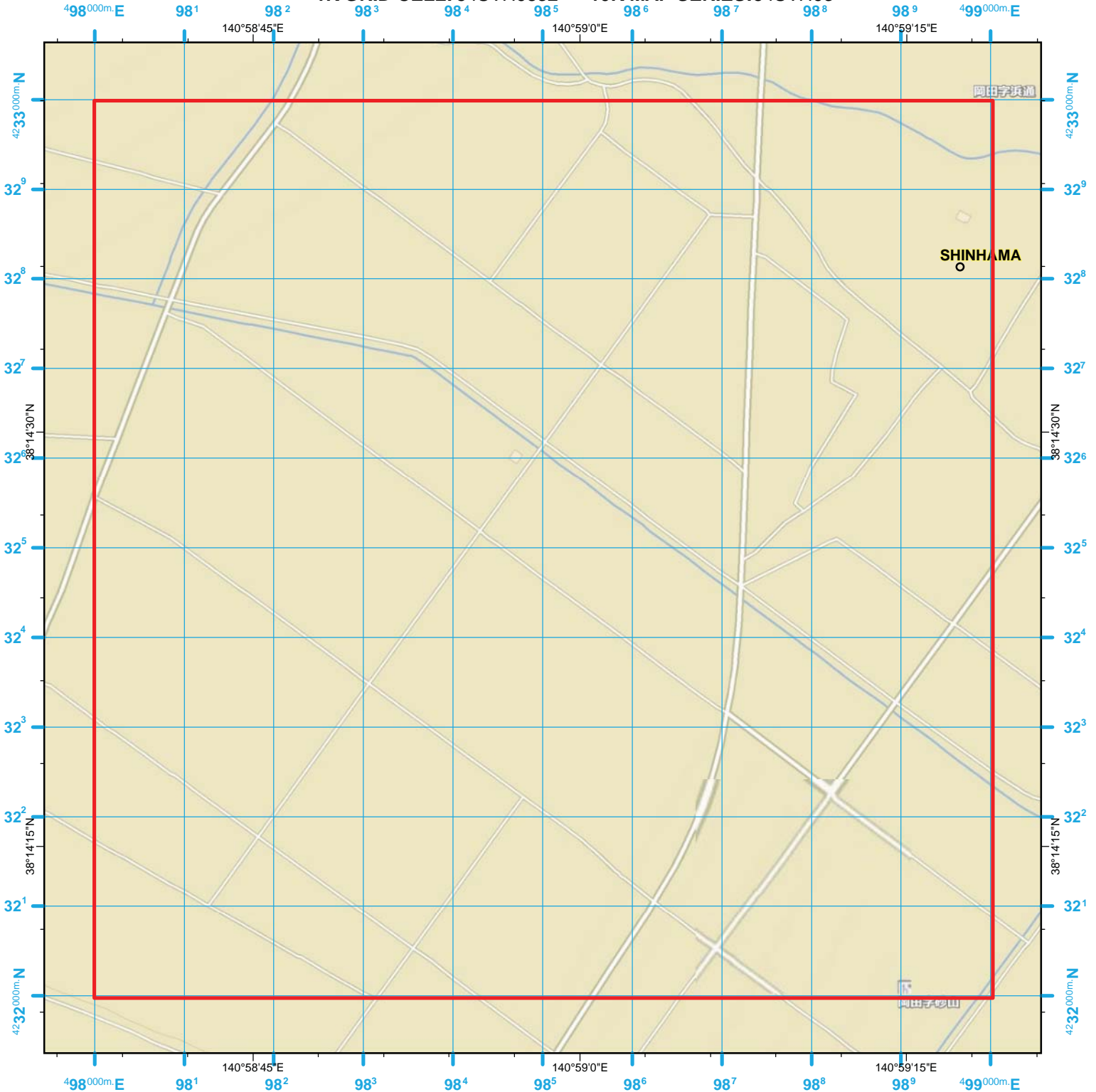
MAPSHEET 315 of 400

280	300	317	331	344
279	299	316	330	343
278	298	315	329	342
277	297	314	328	
276	296	313		

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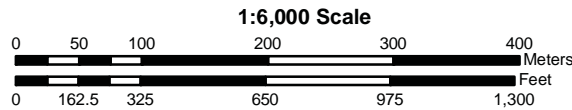
1K GRID CELL: 54SVH9832 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

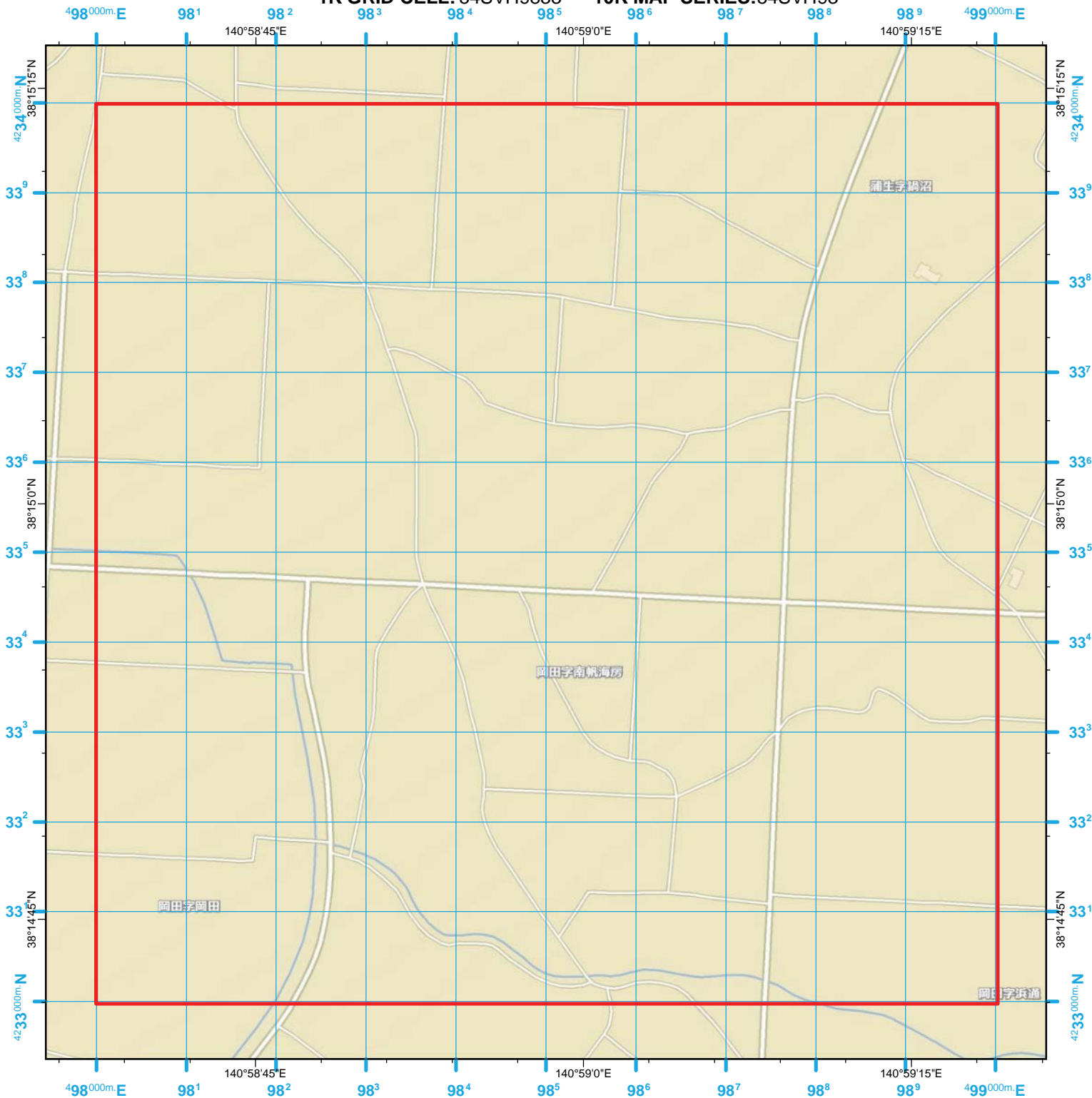
MAPSHEET 316 of 400

281	301	318	332	345
280	300	317	331	344
279	299	316	330	343
278	298	315	329	342
277	297	314	328	

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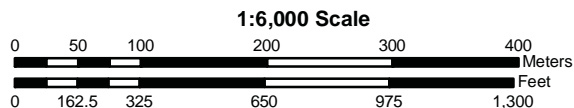
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

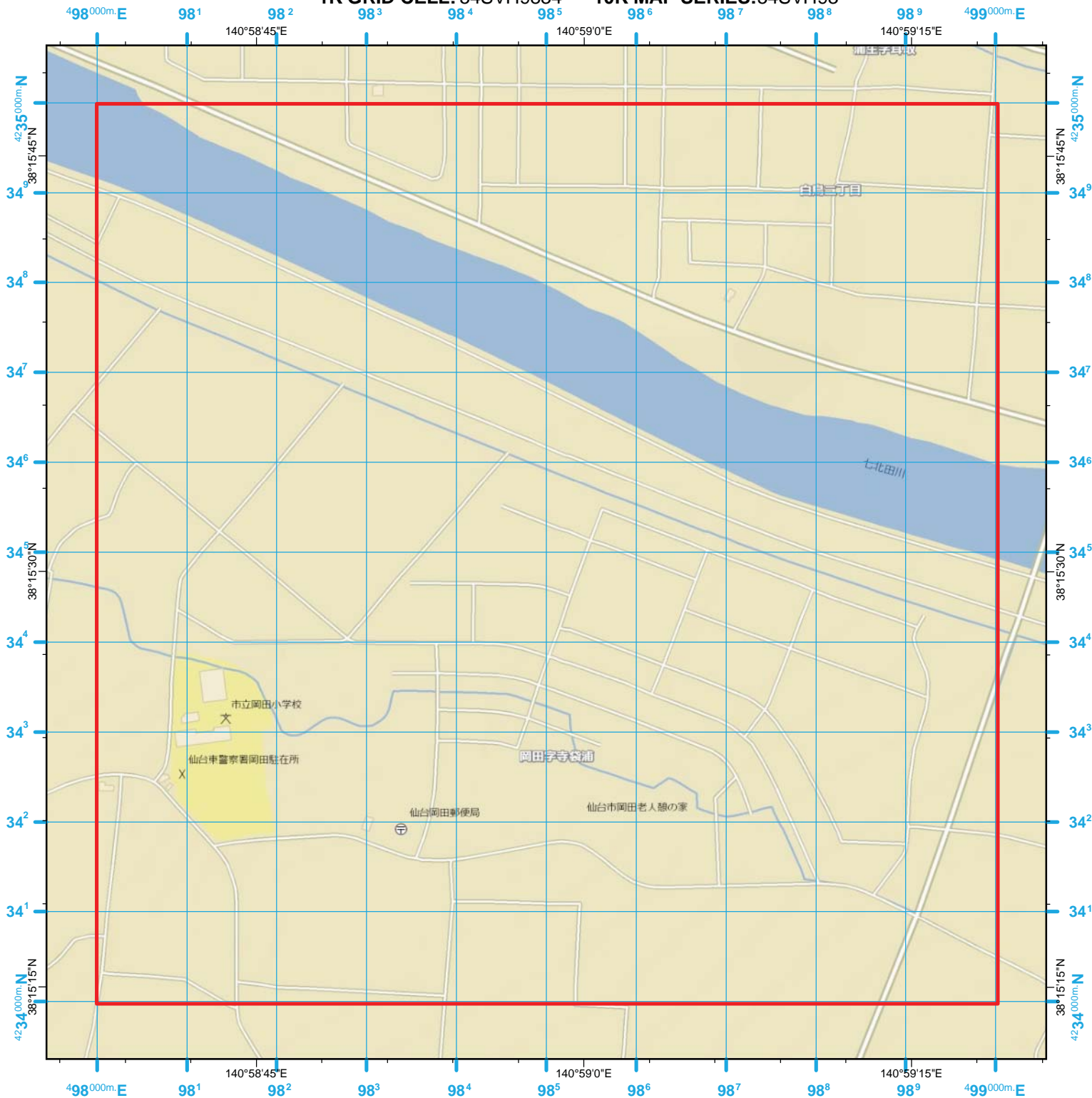
MAPSHEET 317 of 400

282	302	319	333	346
281	301	318	332	345
280	300	317	331	344
279	299	316	330	343
278	298	315	329	342

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1K GRID CELL: 54SVH9834 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- 🏫 School



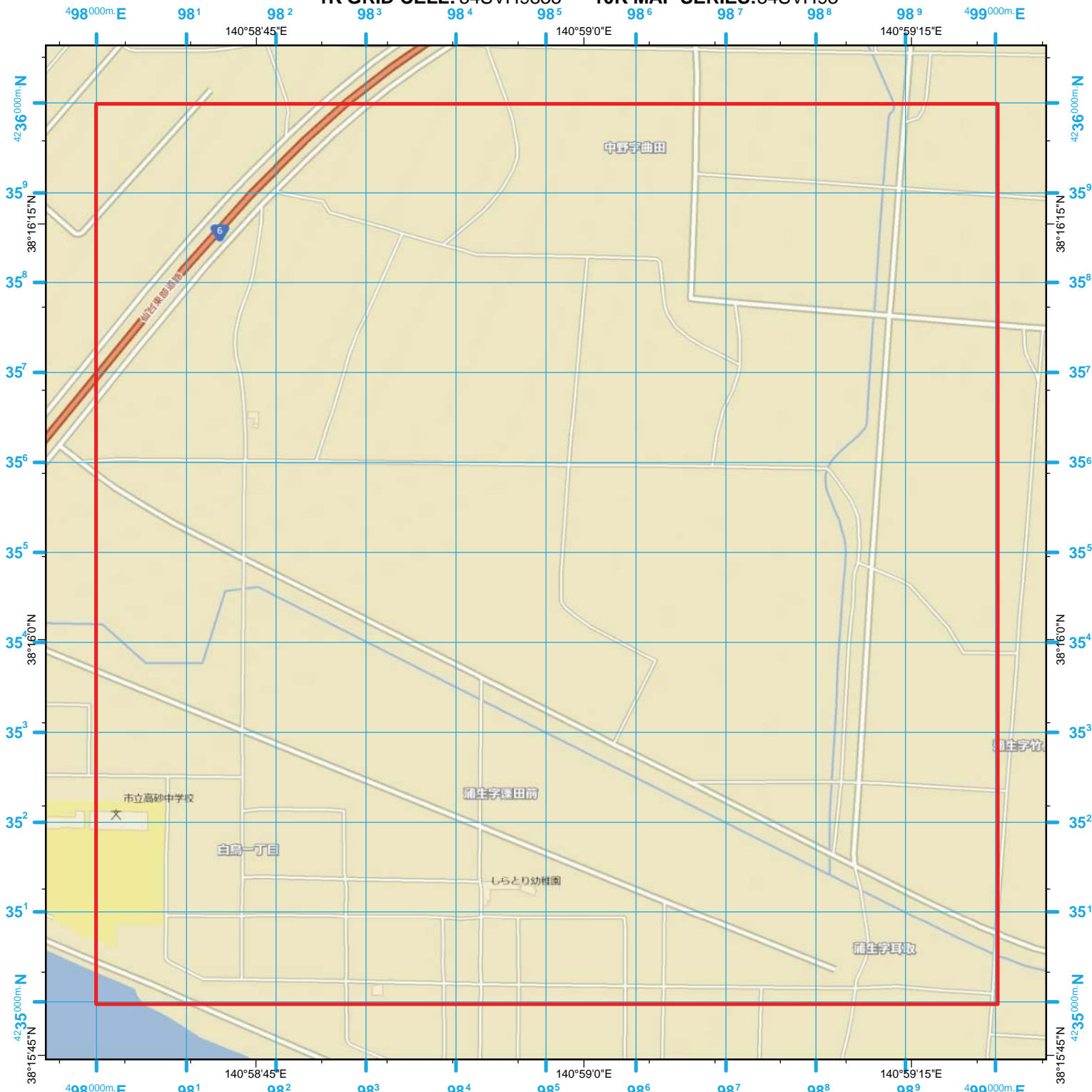
INDEX MAP MAPSHEET 318 of 400

283	303	320	334	347
282	302	319	333	346
281	301	318	332	345
280	300	317	331	344
279	299	316	330	343

SENDAI, JAPAN

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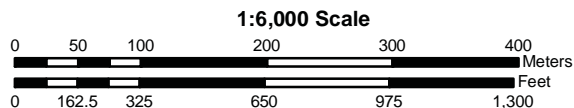
1K GRID CELL: 54SVH9835 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

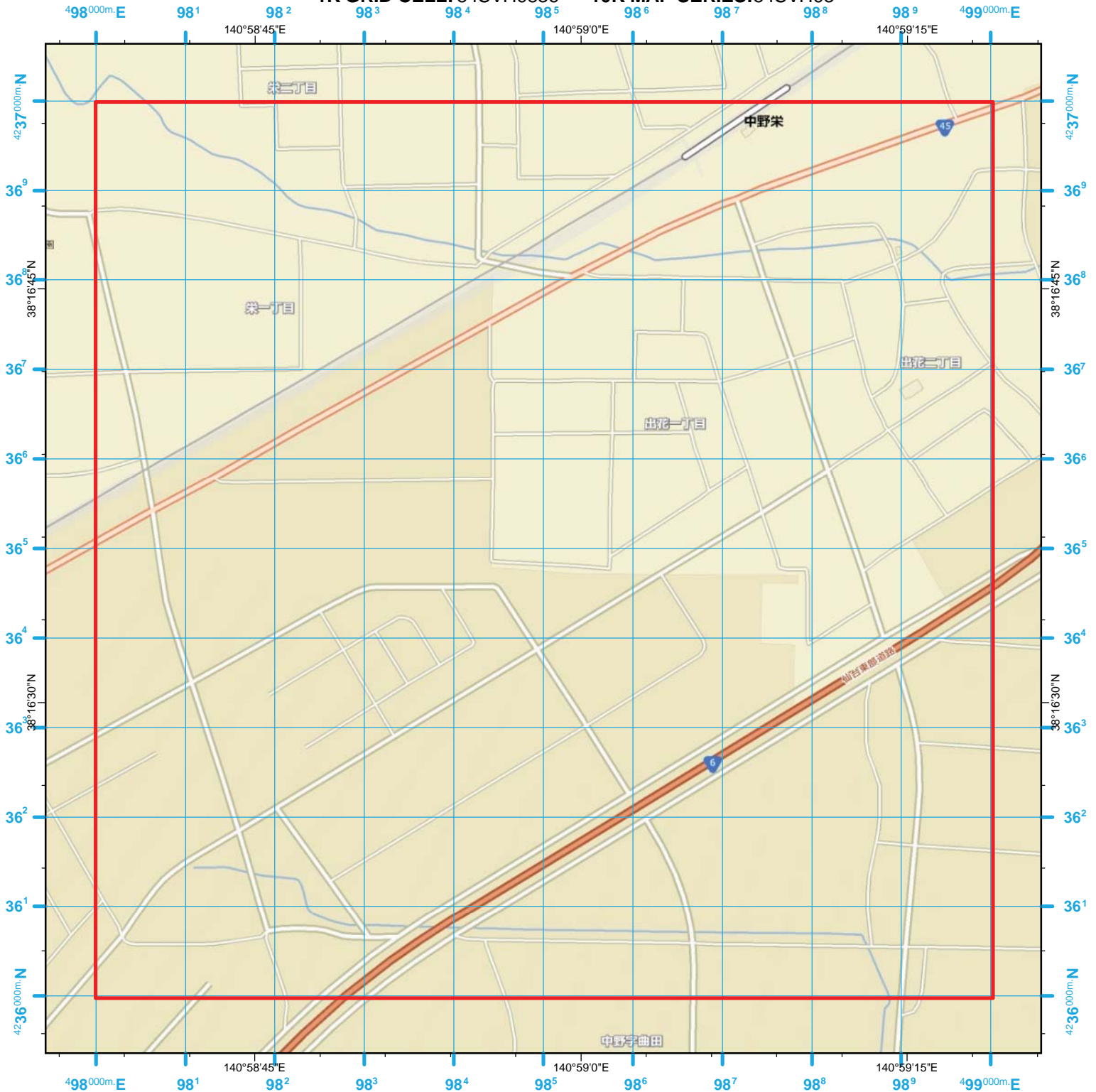
MAPSHEET 319 of 400

284	304	321	335	348
283	303	320	334	347
282	302	319	333	346
281	301	318	332	345
280	300	317	331	344

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1K GRID CELL: 54SVH9836 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

MAPSHEET 320 of 400

285	305	322	336	349
284	304	321	335	348
283	303	320	334	347
282	302	319	333	346
281	301	318	332	345

SENDAI, JAPAN

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1K GRID CELL: 54SVH9837 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



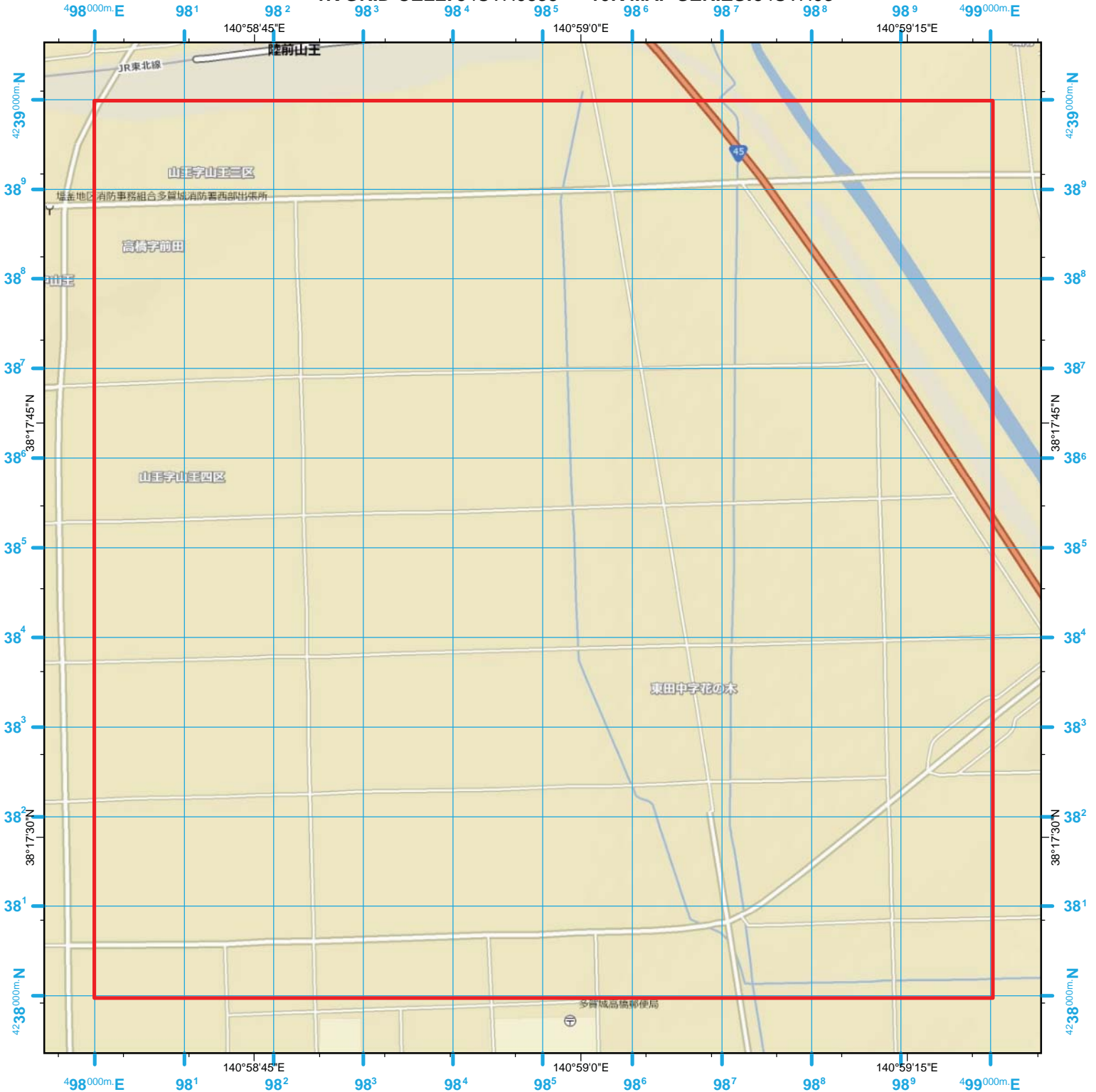
INDEX MAP MAPSHEET 321 of 400

286	306	323	337	350
285	305	322	336	349
284	304	321	335	348
283	303	320	334	347
282	302	319	333	346

SENDAI, JAPAN

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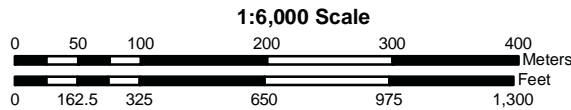
1K GRID CELL: 54SVH9838 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

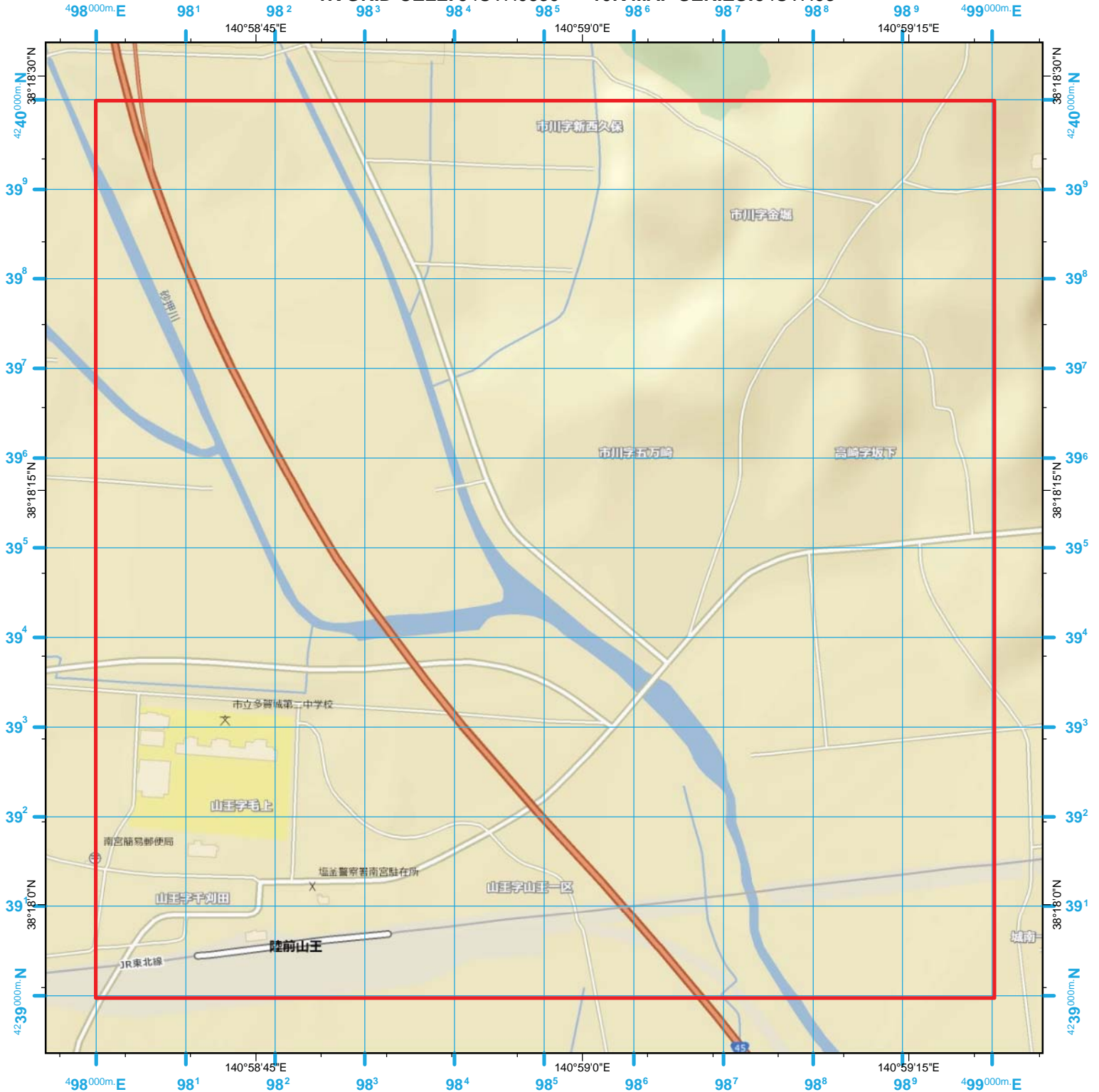
MAPSHEET 322 of 400

287	307	324	338	351
286	306	323	337	350
285	305	322	336	349
284	304	321	335	348
283	303	320	334	347

SENDAI, JAPAN

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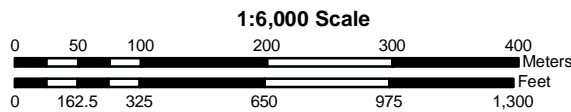
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



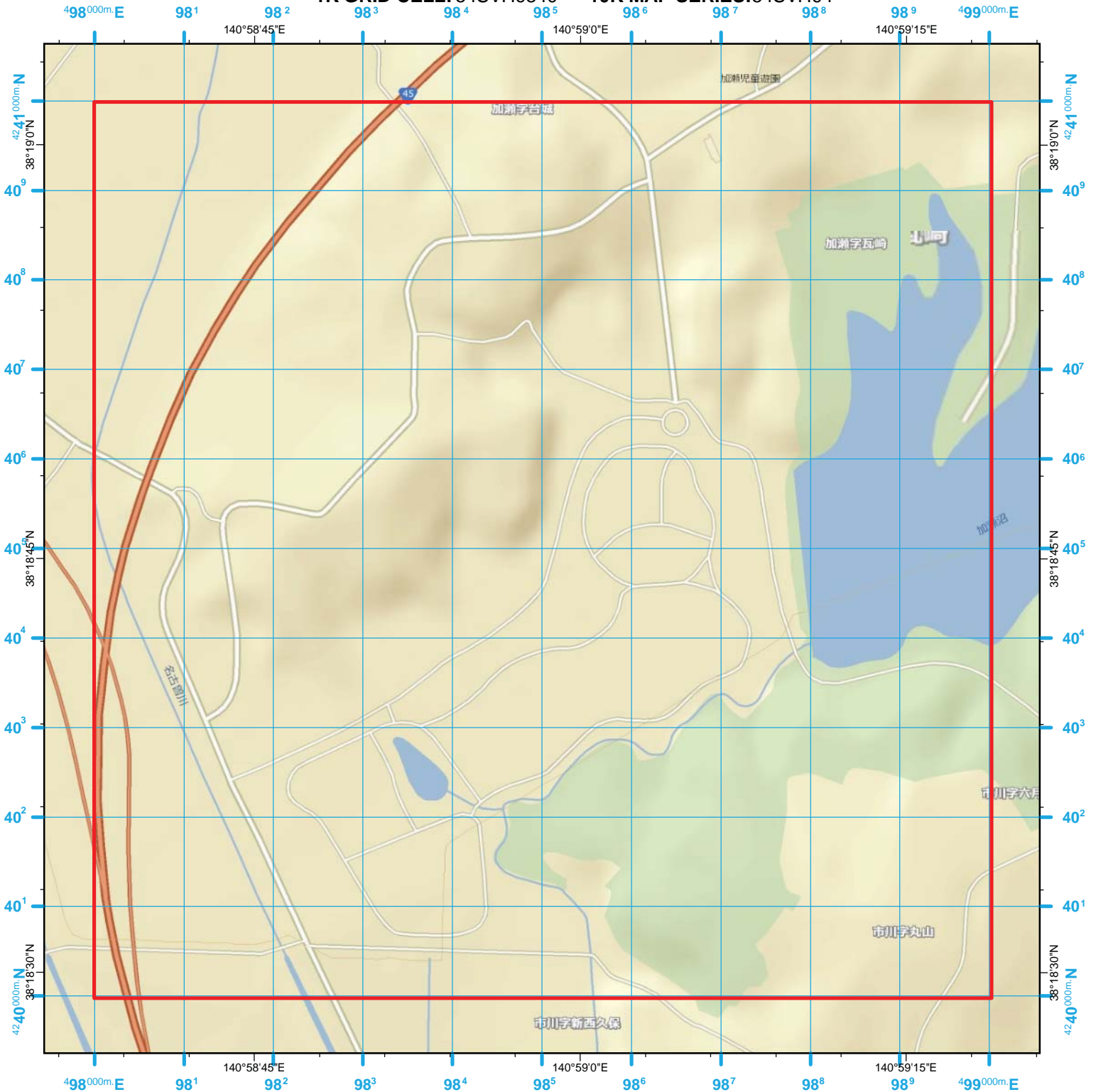
INDEX MAP

MAPSHEET 323 of 400

288	308	325	339	352
287	307	324	338	351
286	306	323	337	350
285	305	322	336	349
284	304	321	335	348

SENDAI, JAPAN

1K GRID CELL: 54SVH9840 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



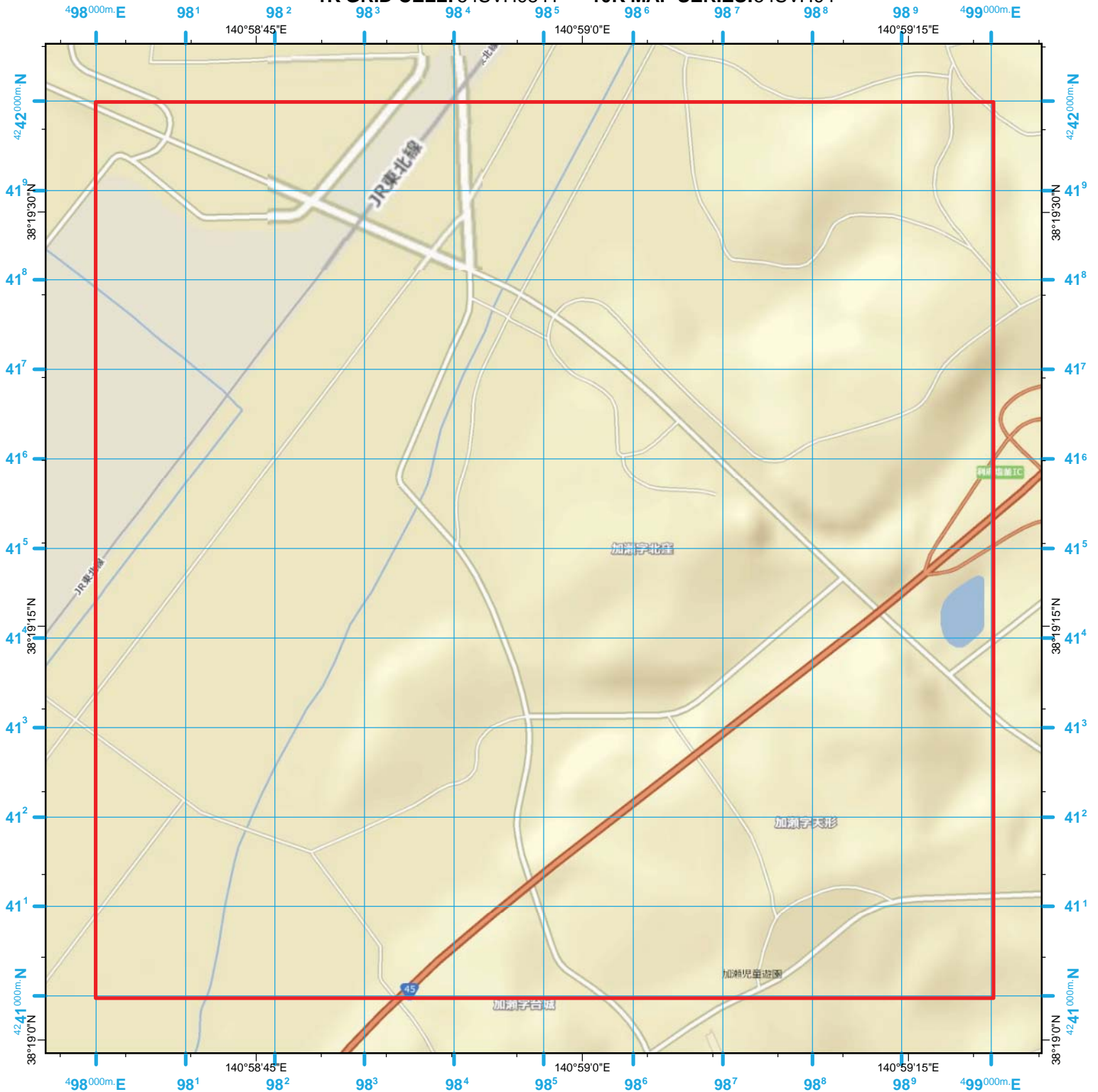
INDEX MAP

MAPSHEET 324 of 400

289	309	326	340	353
288	308	325	339	352
287	307	324	338	351
286	306	323	337	350
285	305	322	336	349

SENDAI, JAPAN

1K GRID CELL: 54SVH9841 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



INDEX MAP

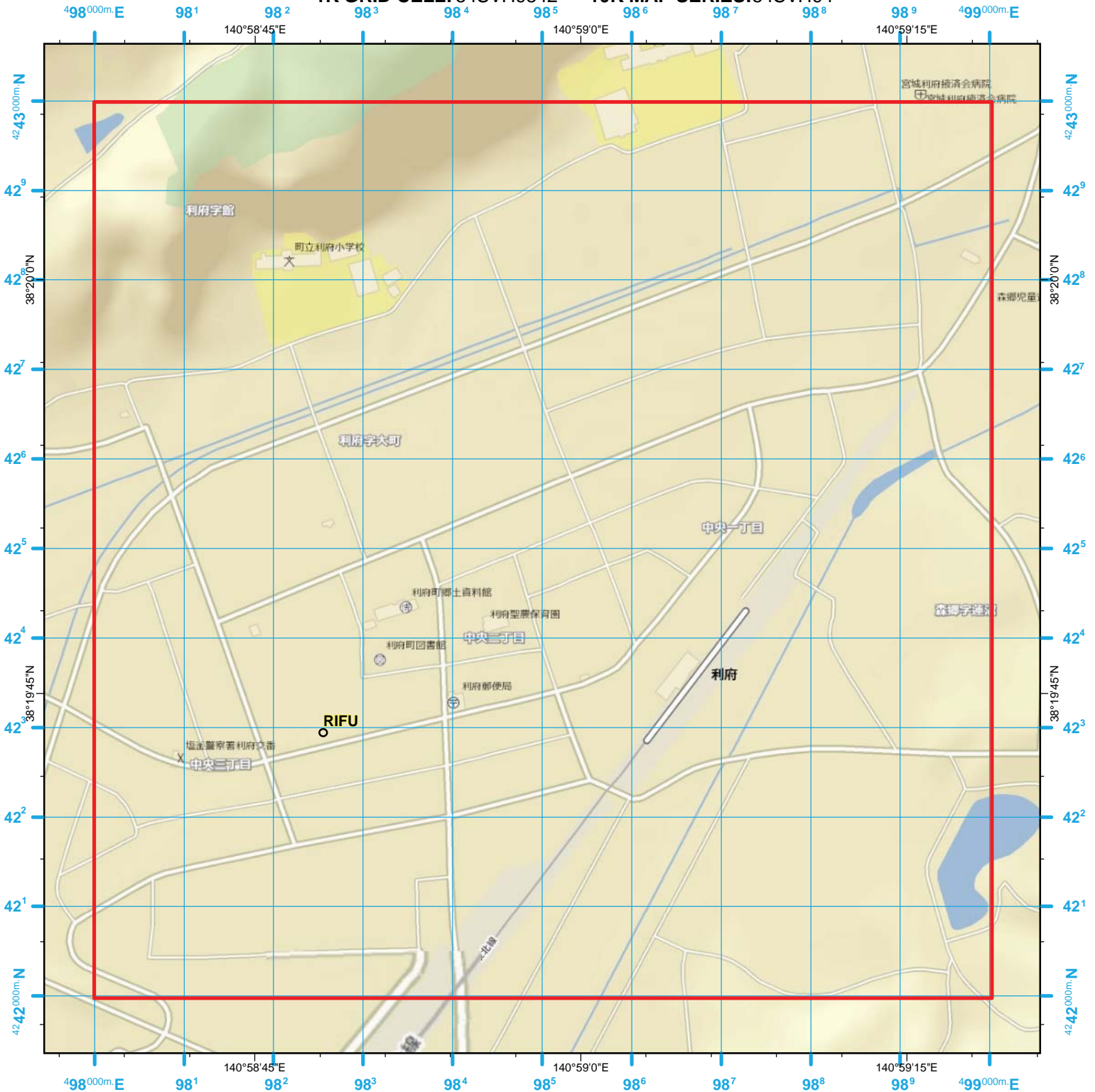
MAPSHEET 325 of 400

290	310	327	341	354
289	309	326	340	353
288	308	325	339	352
287	307	324	338	351
286	306	323	337	350

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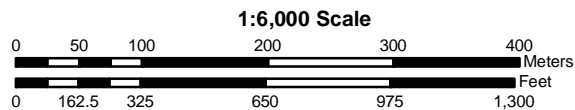
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

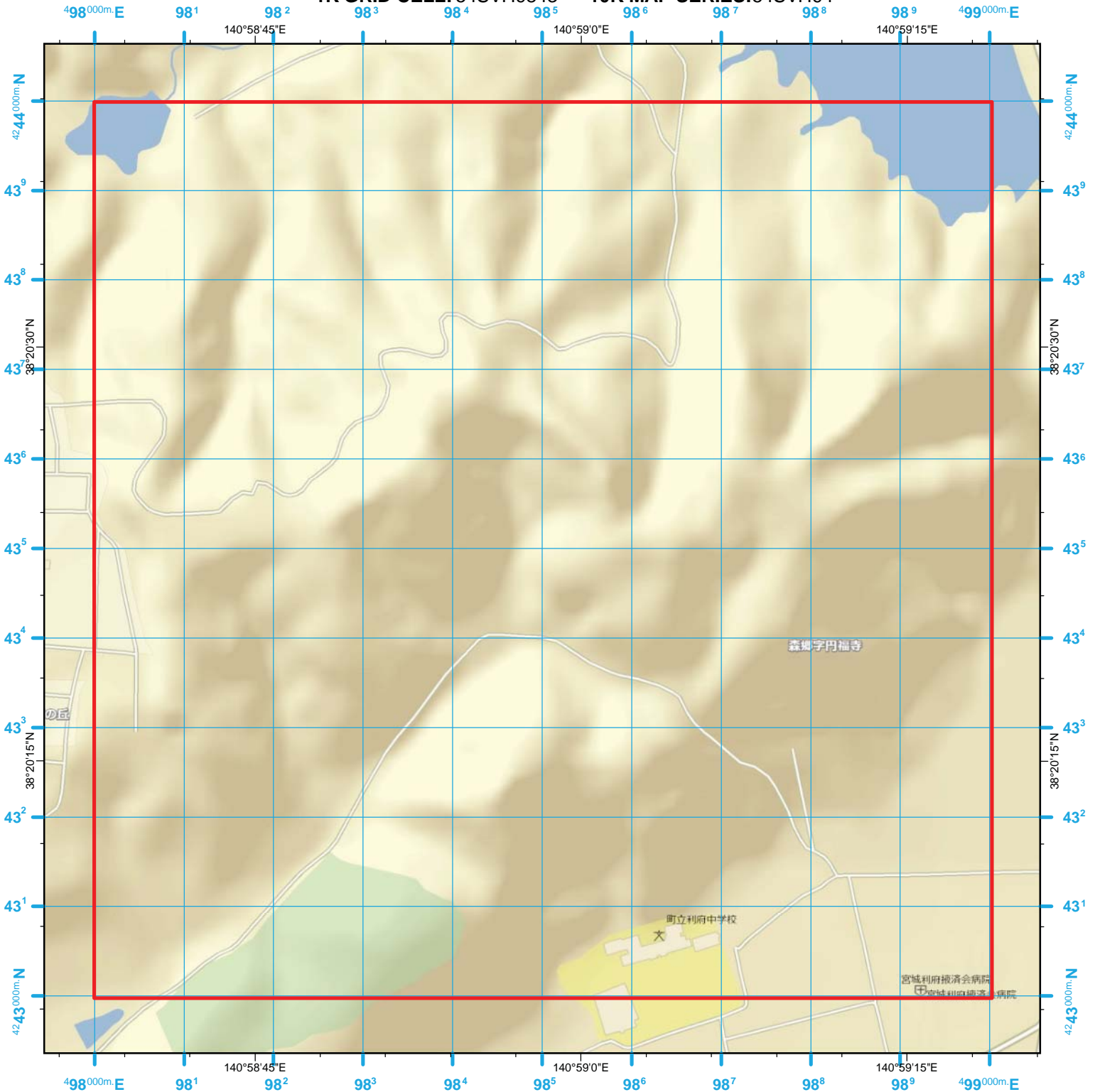
MAPSHEET 326 of 400

291	311			
290	310	327	341	354
289	309	326	340	353
288	308	325	339	352
287	307	324	338	351

SENDAI, JAPAN

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1K GRID CELL: 54SVH9843 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

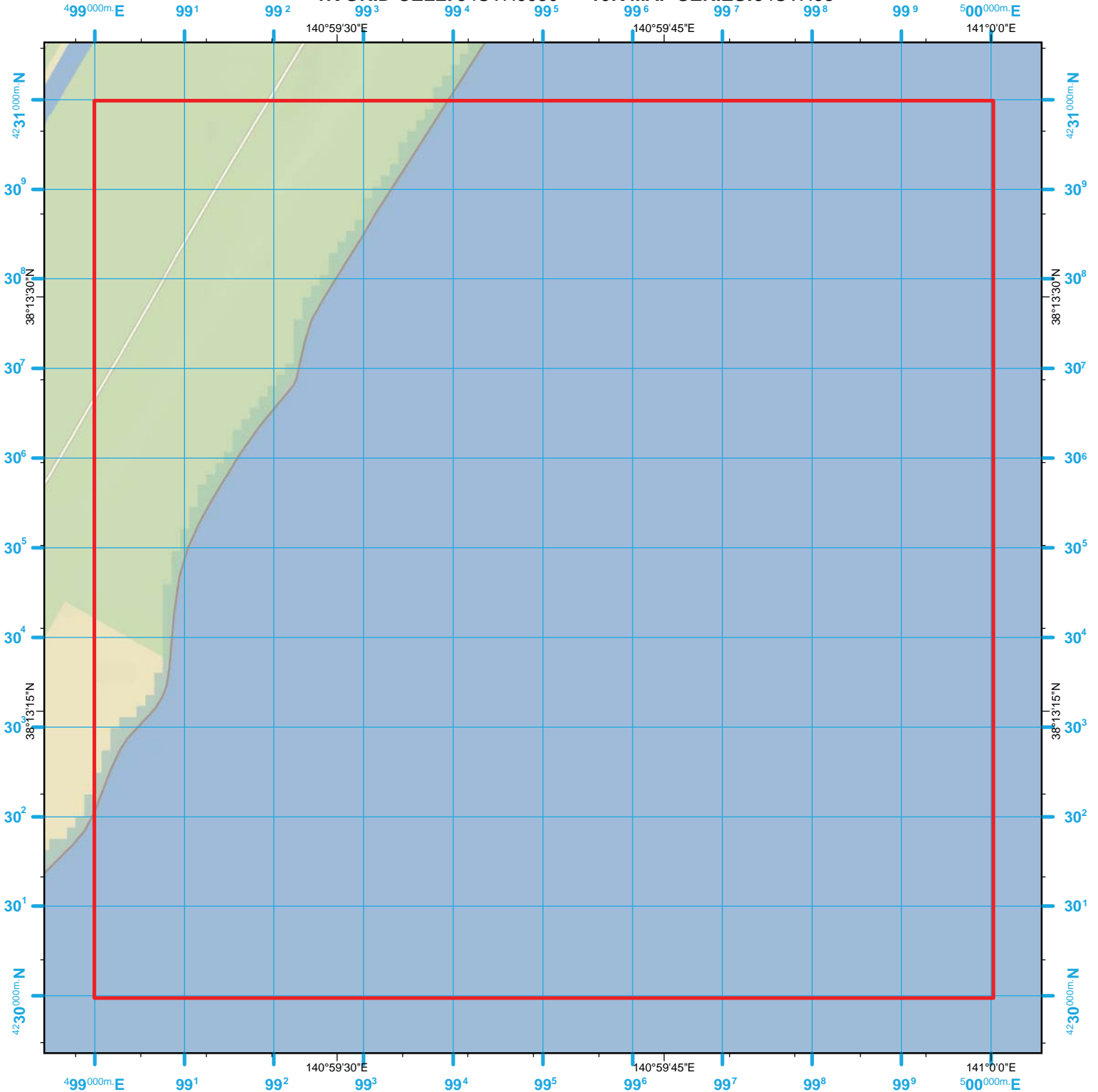


INDEX MAP MAPSHEET 327 of 400

292	312			
291	311			
290	310	327	341	354
289	309	326	340	353
288	308	325	339	352

SENDAI, JAPAN

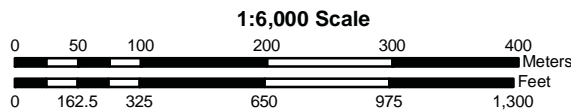
1K GRID CELL: 54SVH9930 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



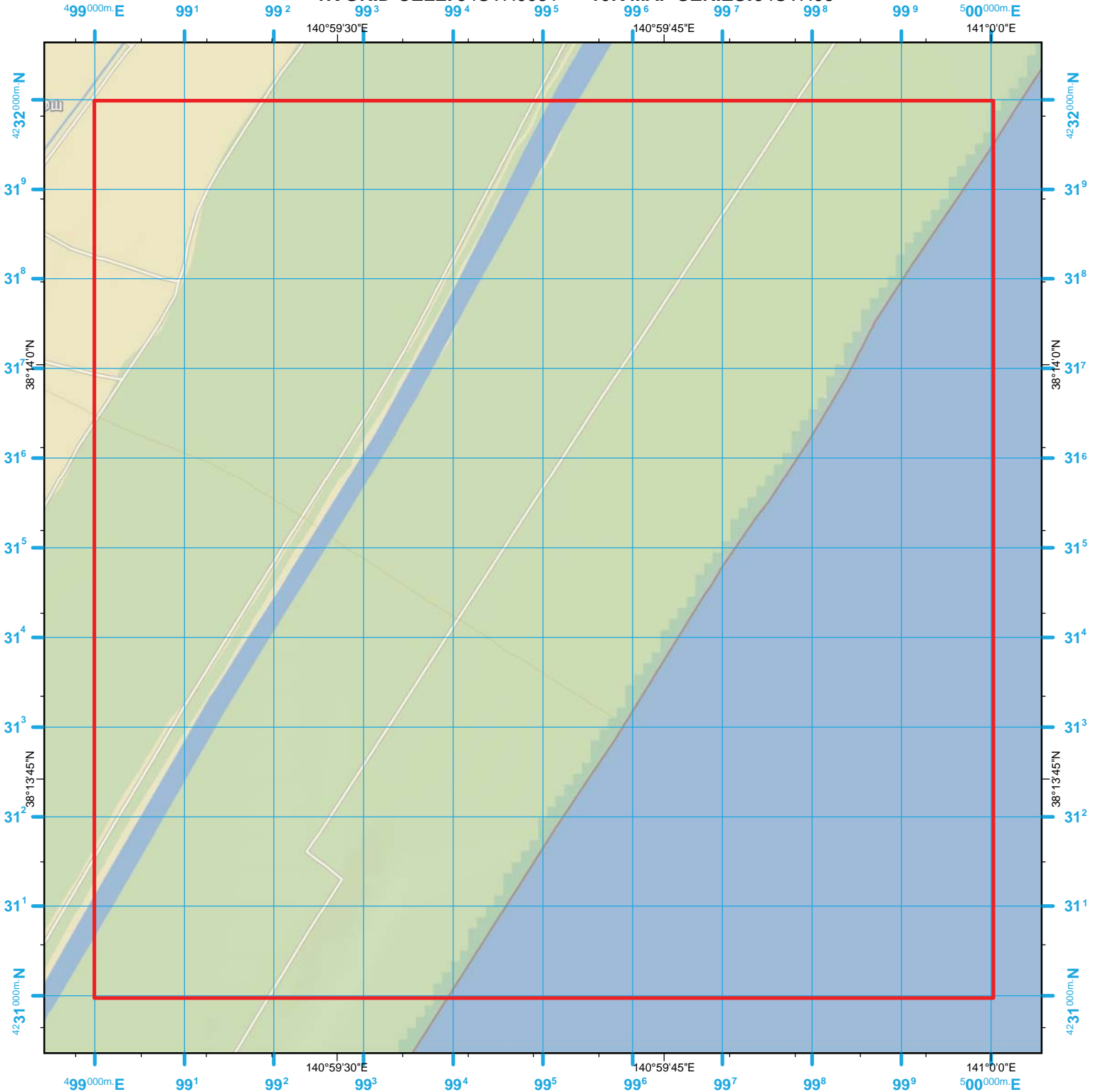
INDEX MAP

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SENDAI, JAPAN

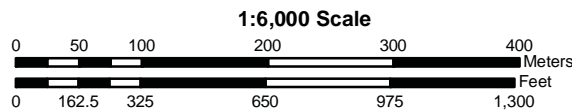
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

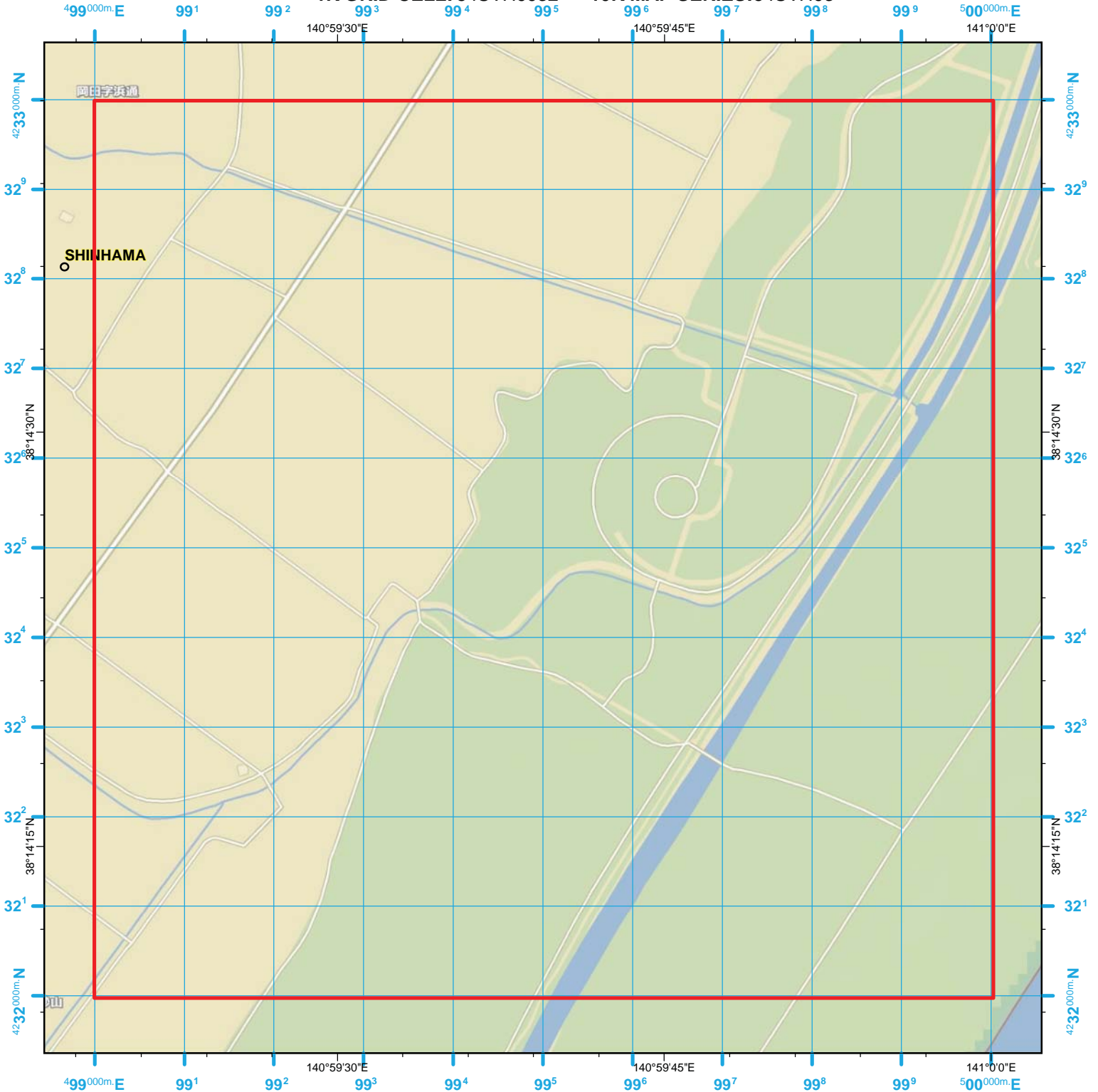
MAPSHEET 329 of 400

300	317	331	344	355
299	316	330	343	
298	315	329	342	
297	314	328		
296	313			

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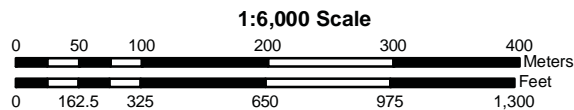
1K GRID CELL: 54SVH9932 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

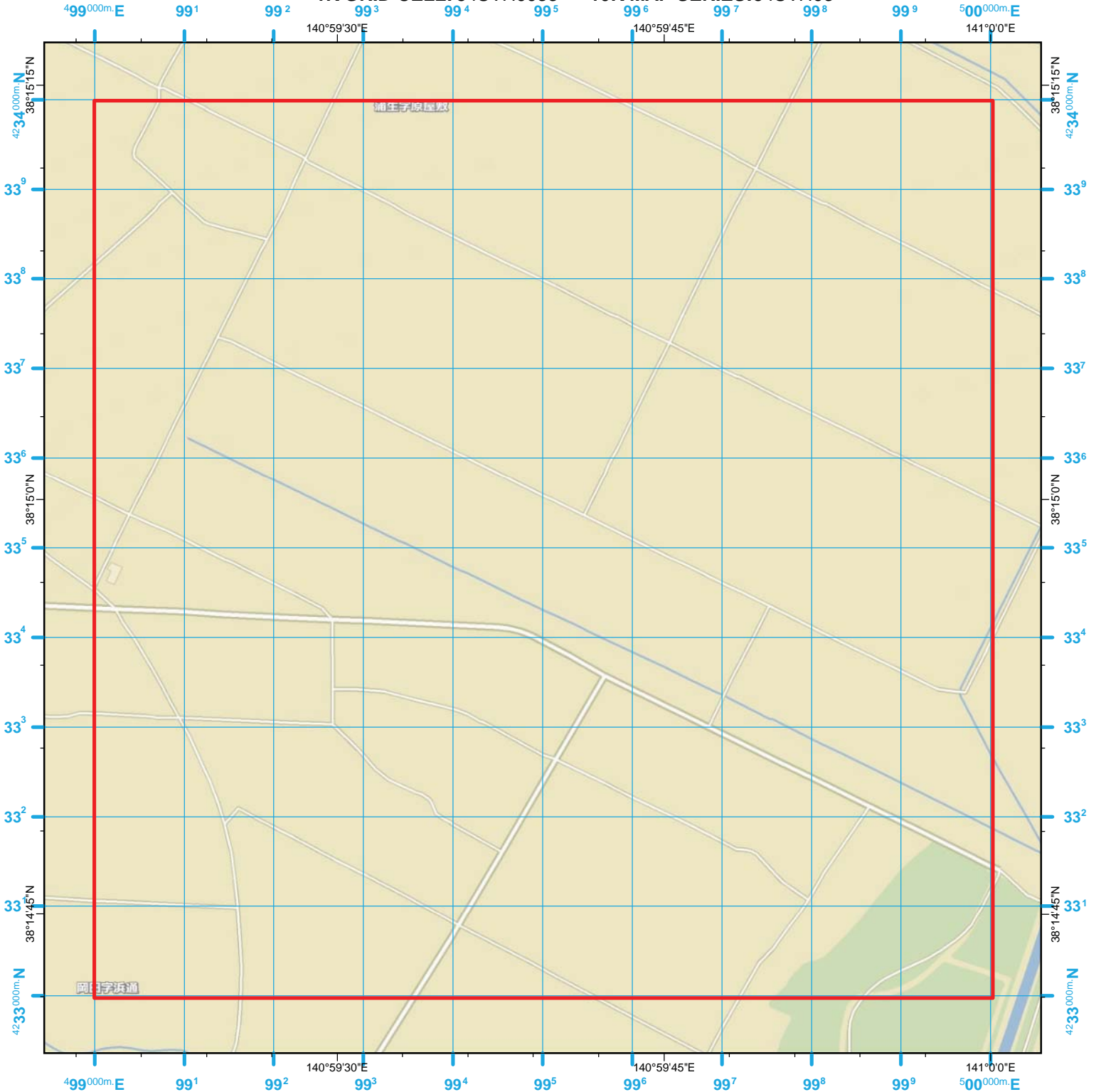
MAPSHEET 330 of 400

301	318	332	345	356
300	317	331	344	355
299	316	330	343	
298	315	329	342	
297	314	328		

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1K GRID CELL: 54SVH9933 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



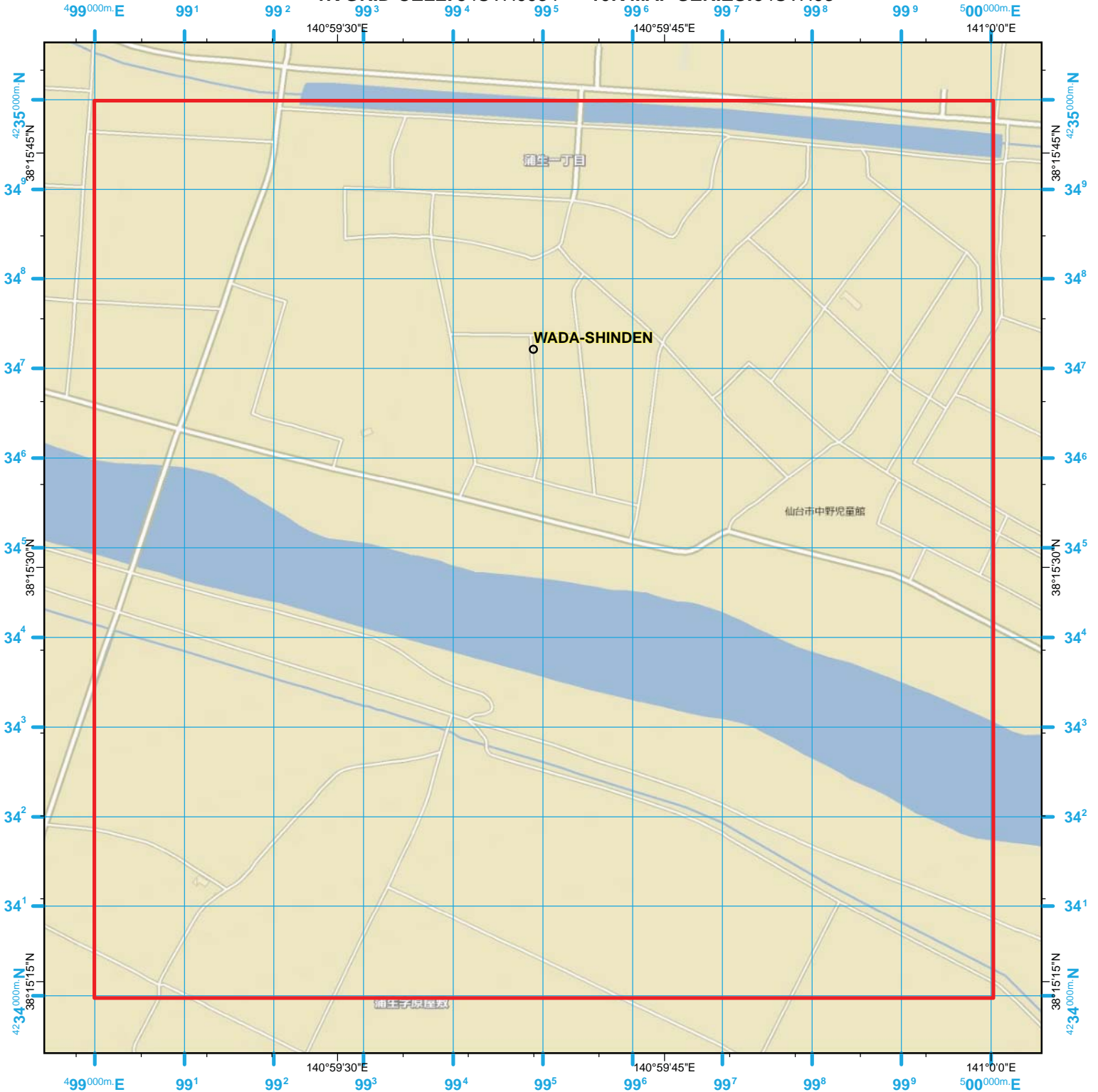
INDEX MAP

MAPSHEET 331 of 400

302	319	333	346	357
301	318	332	345	356
300	317	331	344	355
299	316	330	343	
298	315	329	342	

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1K GRID CELL: 54SVH9934 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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 purposes only.*

MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

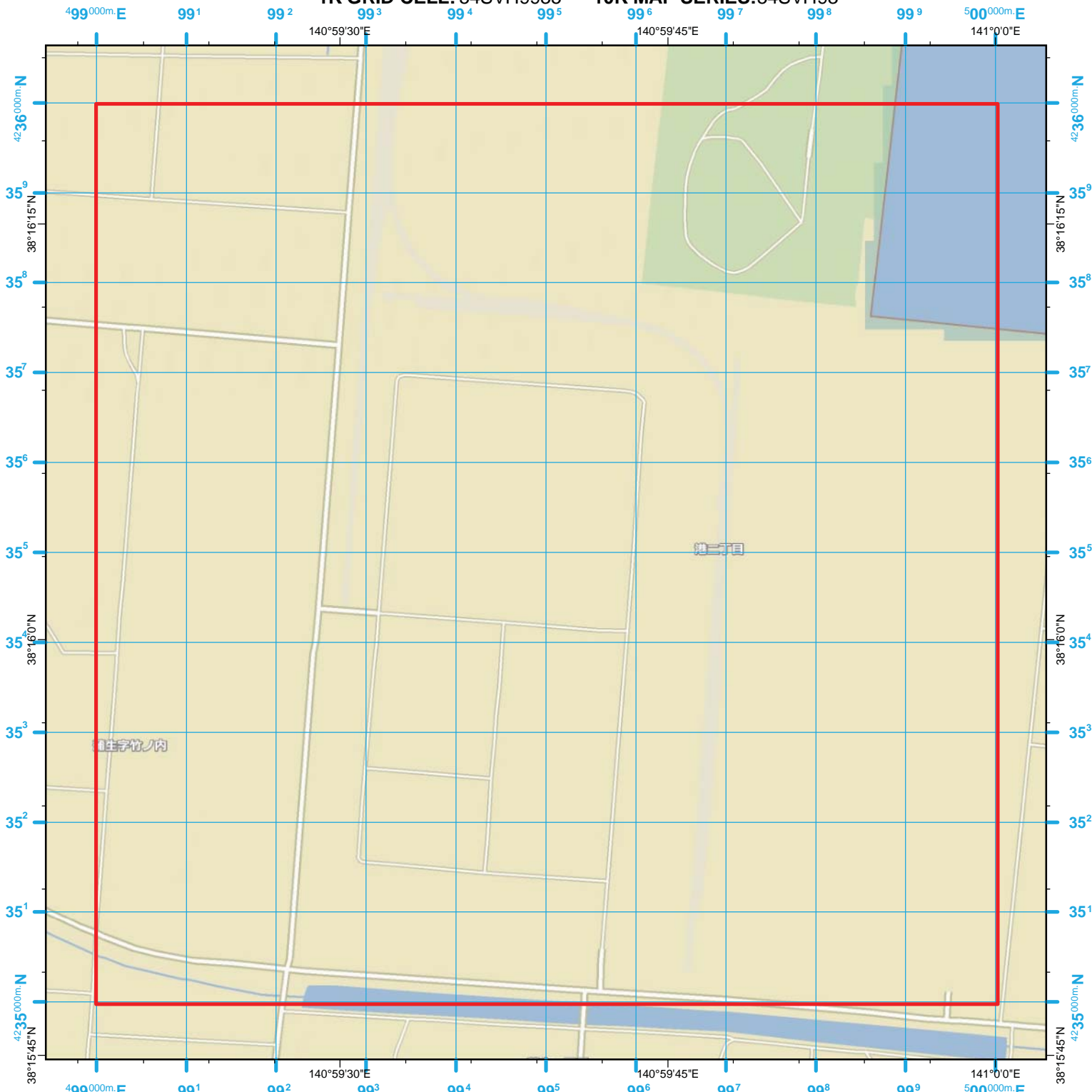
MAPSHEET 332 of 400

303	320	334	347	358
302	319	333	346	357
301	318	332	345	356
300	317	331	344	355
299	316	330	343	

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1K GRID CELL: 54SVH9935 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

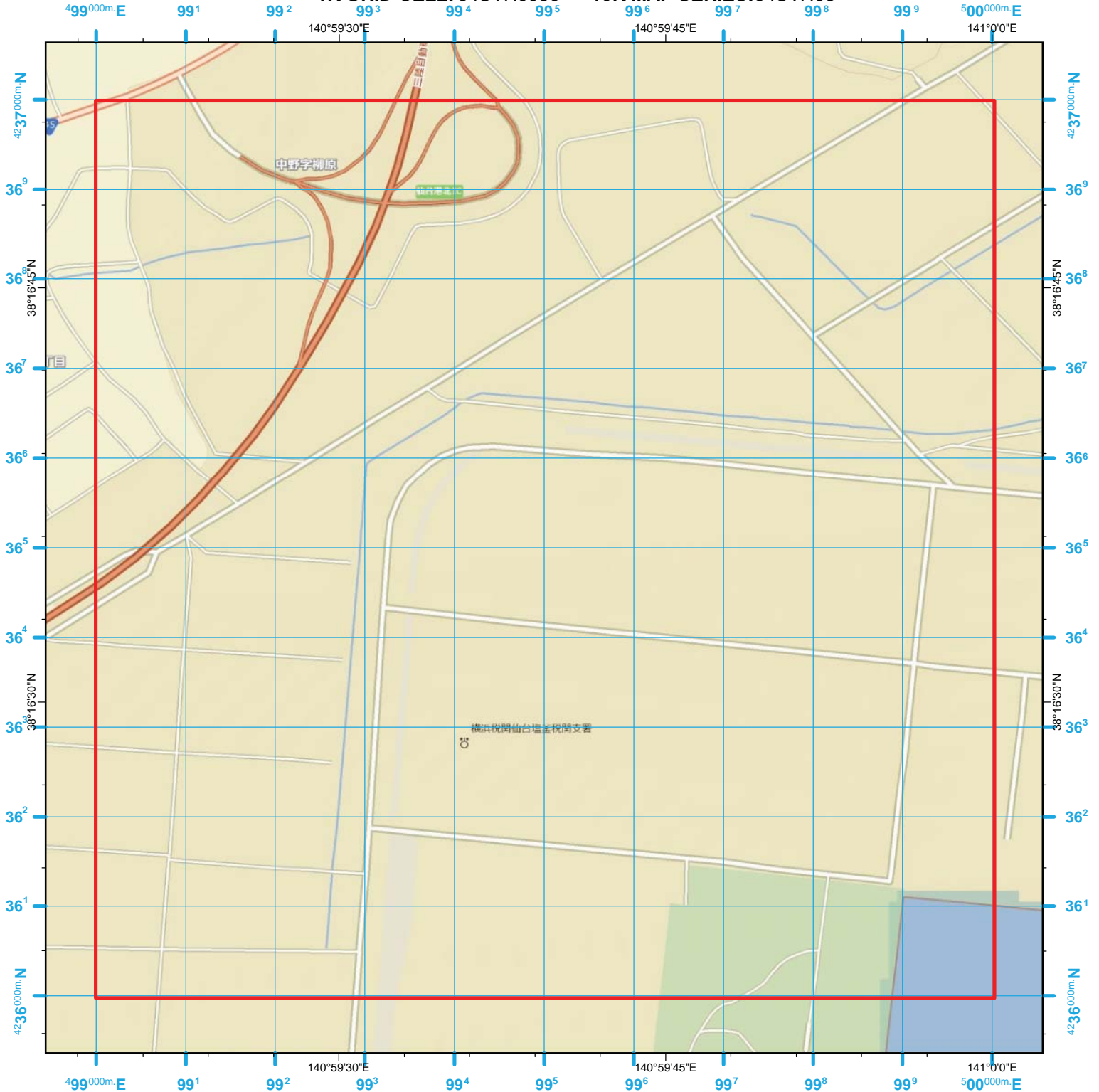
MAPSHEET 333 of 400

304	321	335	348	359
303	320	334	347	358
302	319	333	346	357
301	318	332	345	356
300	317	331	344	355

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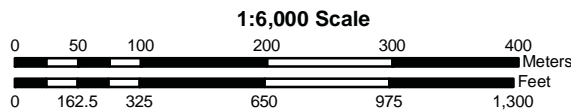
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

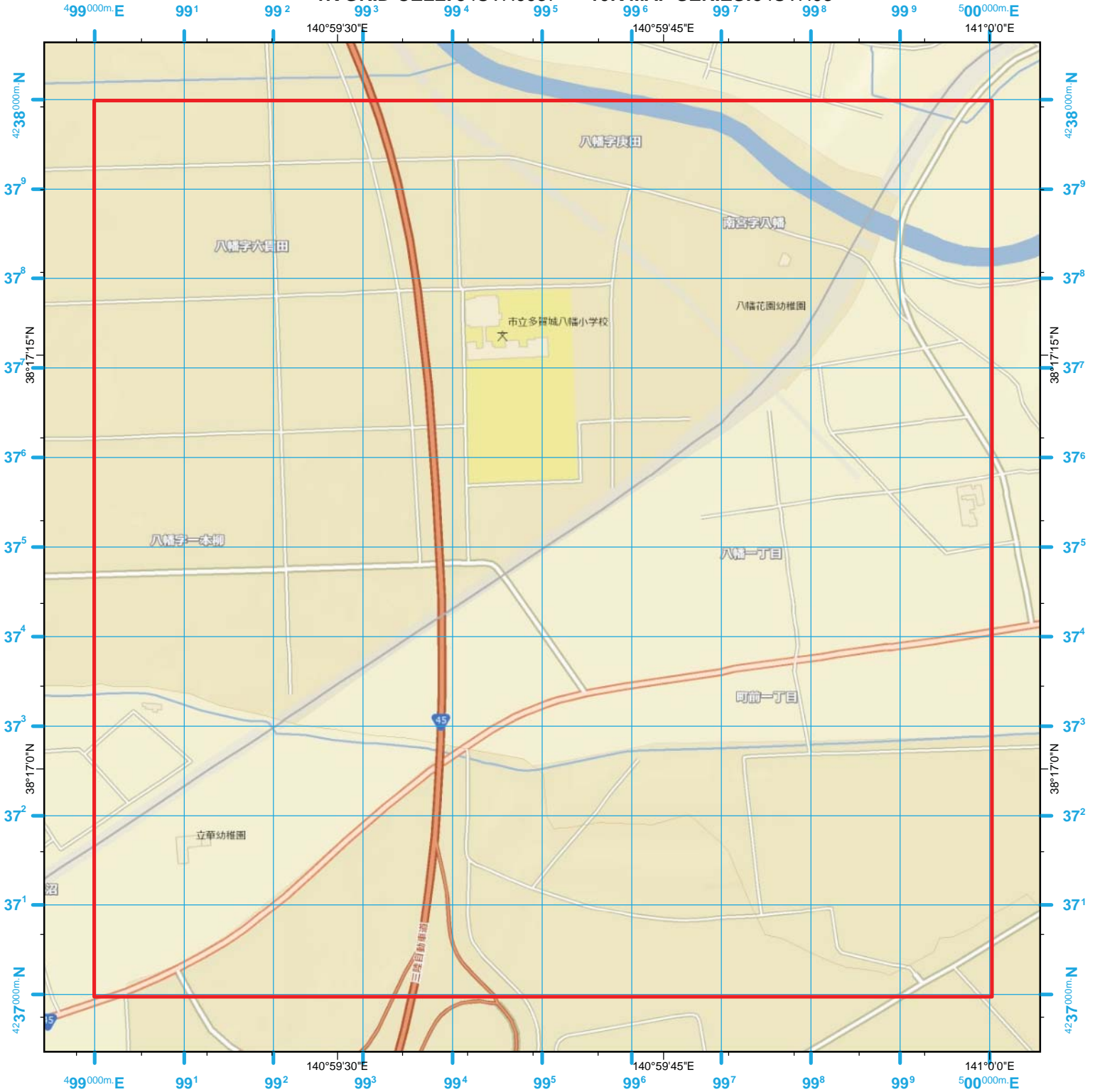
MAPSHEET 334 of 400

305	322	336	349	360
304	321	335	348	359
303	320	334	347	358
302	319	333	346	357
301	318	332	345	356

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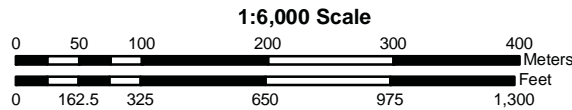
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

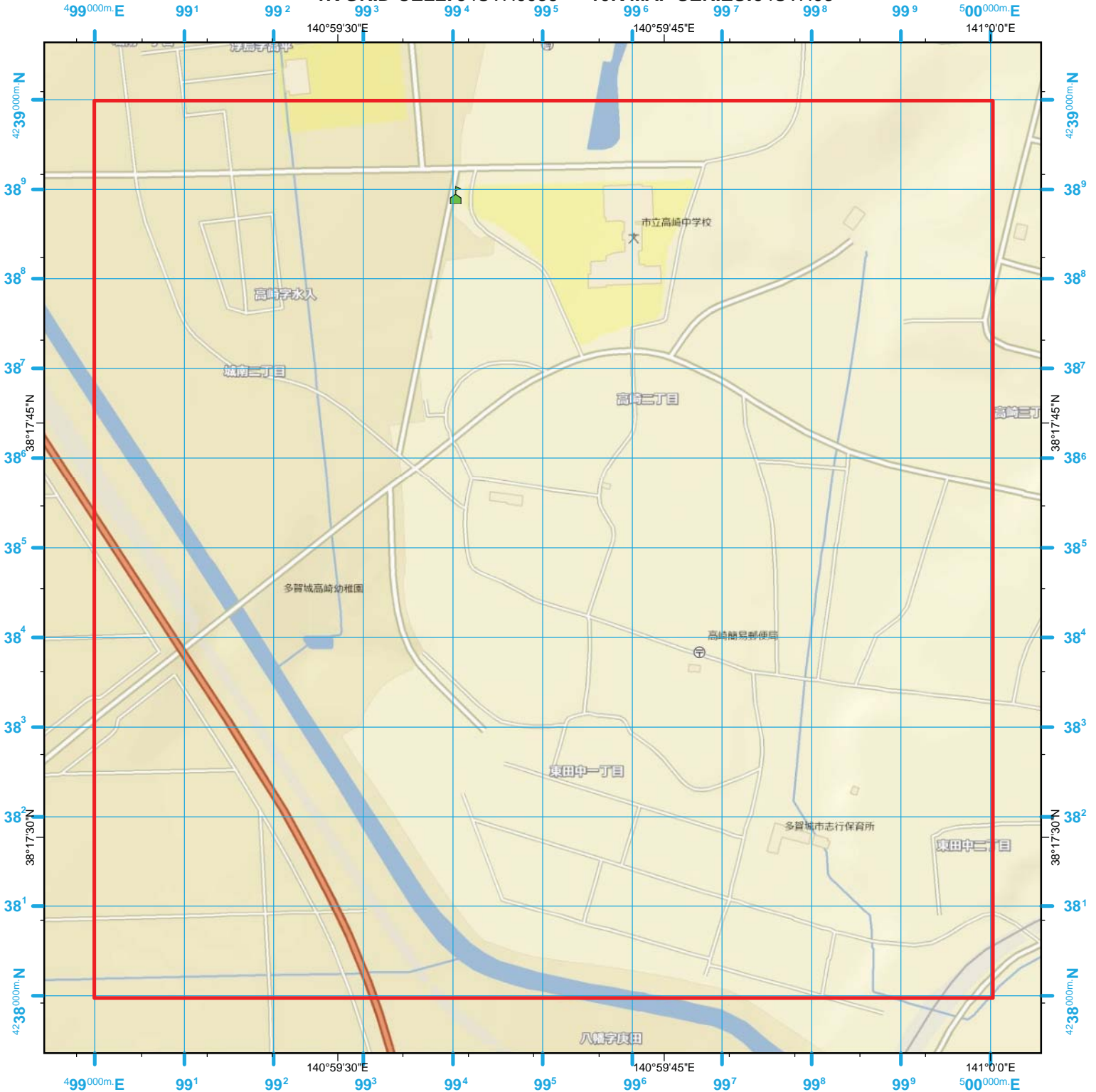
MAPSHEET 335 of 400

306	323	337	350	361
305	322	336	349	360
304	321	335	348	359
303	320	334	347	358
302	319	333	346	357

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1K GRID CELL: 54SVH9938 10K MAP SERIES: 54SVH93



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

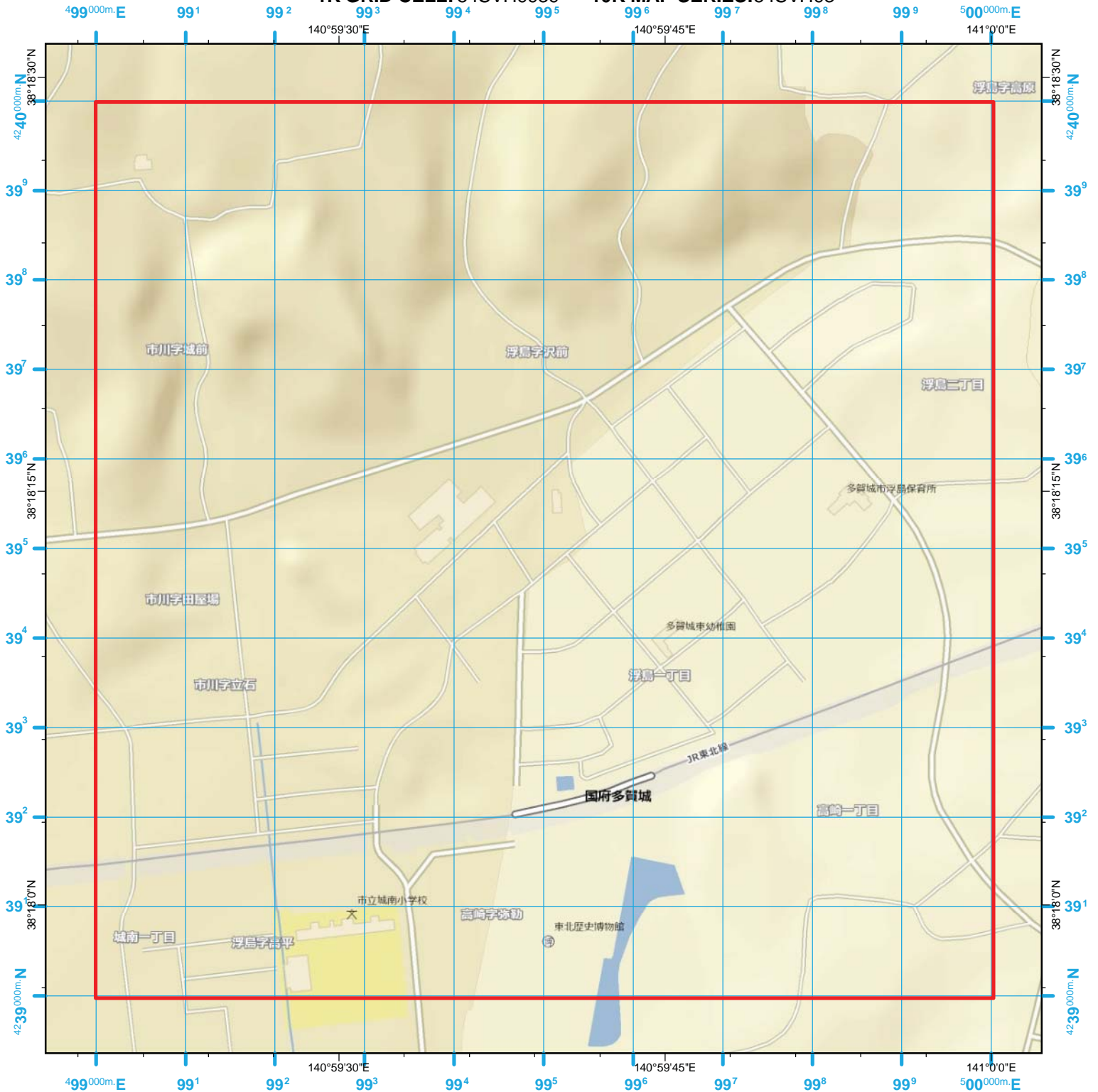
MAPSHEET 336 of 400

307	324	338	351	362
306	323	337	350	361
305	322	336	349	360
304	321	335	348	359
303	320	334	347	358

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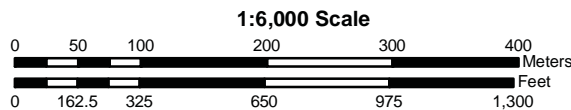
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
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VH
54S
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- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale

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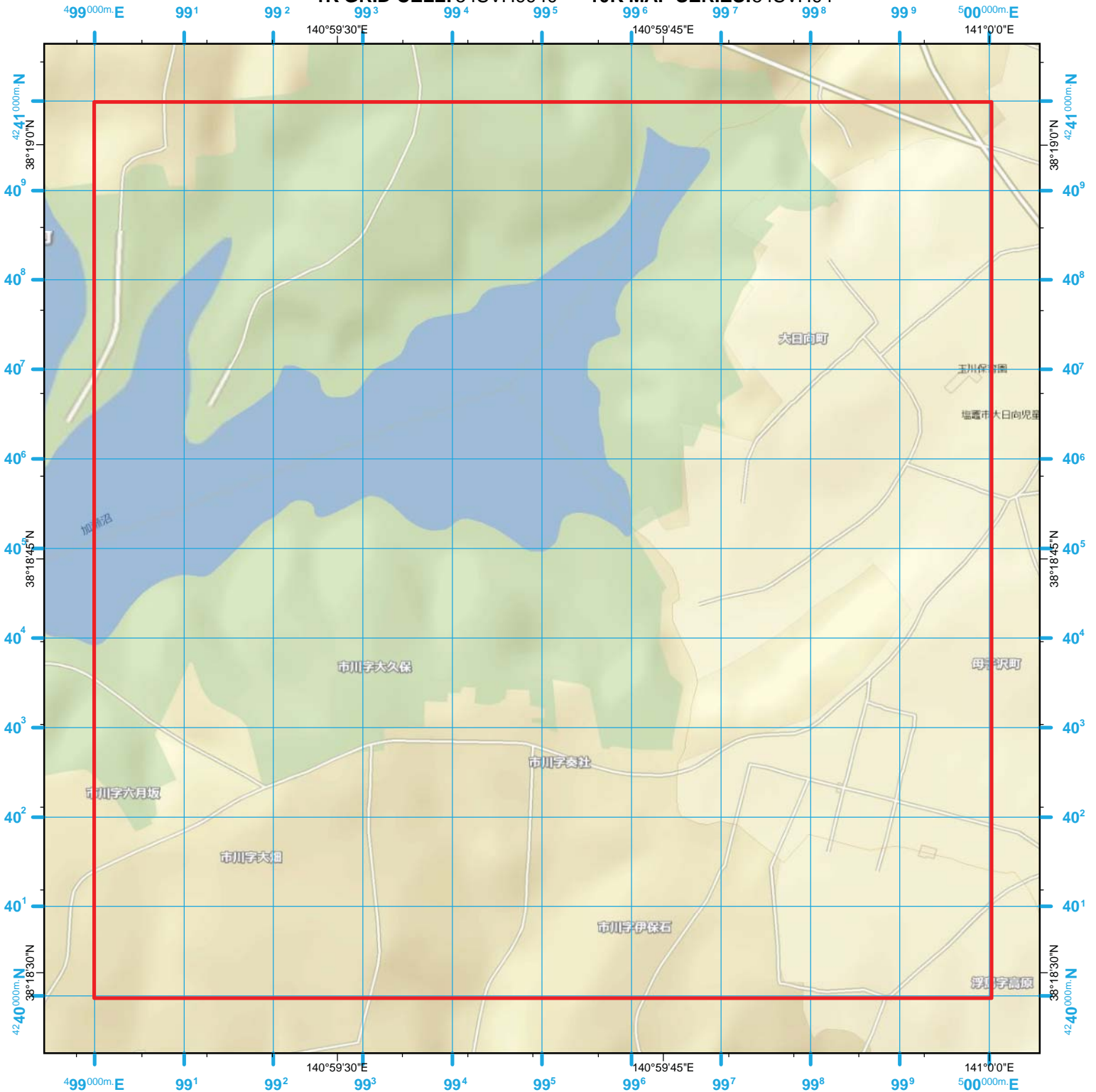
INDEX MAP

MAPSHEET 337 of 400

308	325	339	352	363
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306	323	337	350	361
305	322	336	349	360
304	321	335	348	359

SENDAI, JAPAN

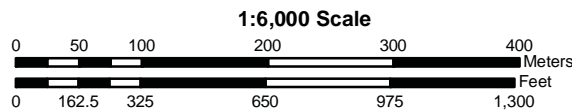
1K GRID CELL: 54SVH9940 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
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VH
54S
Grid Zone Designation

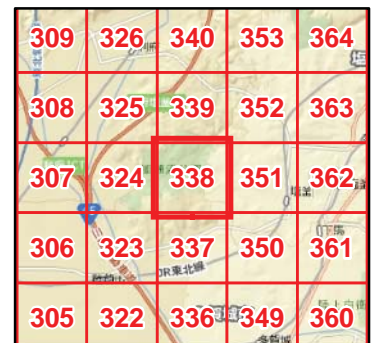


- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

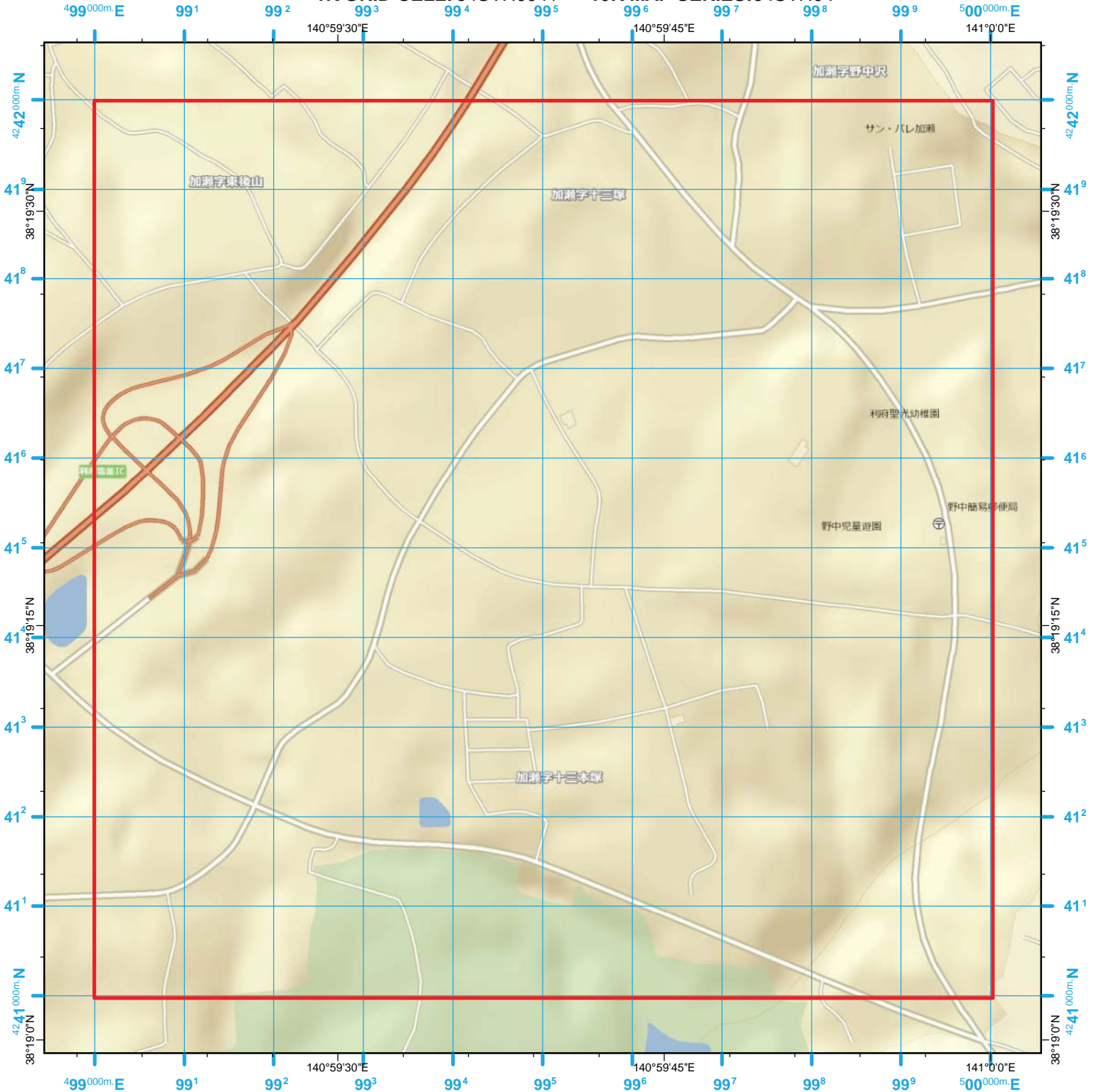
MAPSHEET 338 of 400



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1K GRID CELL: 54SVH9941 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

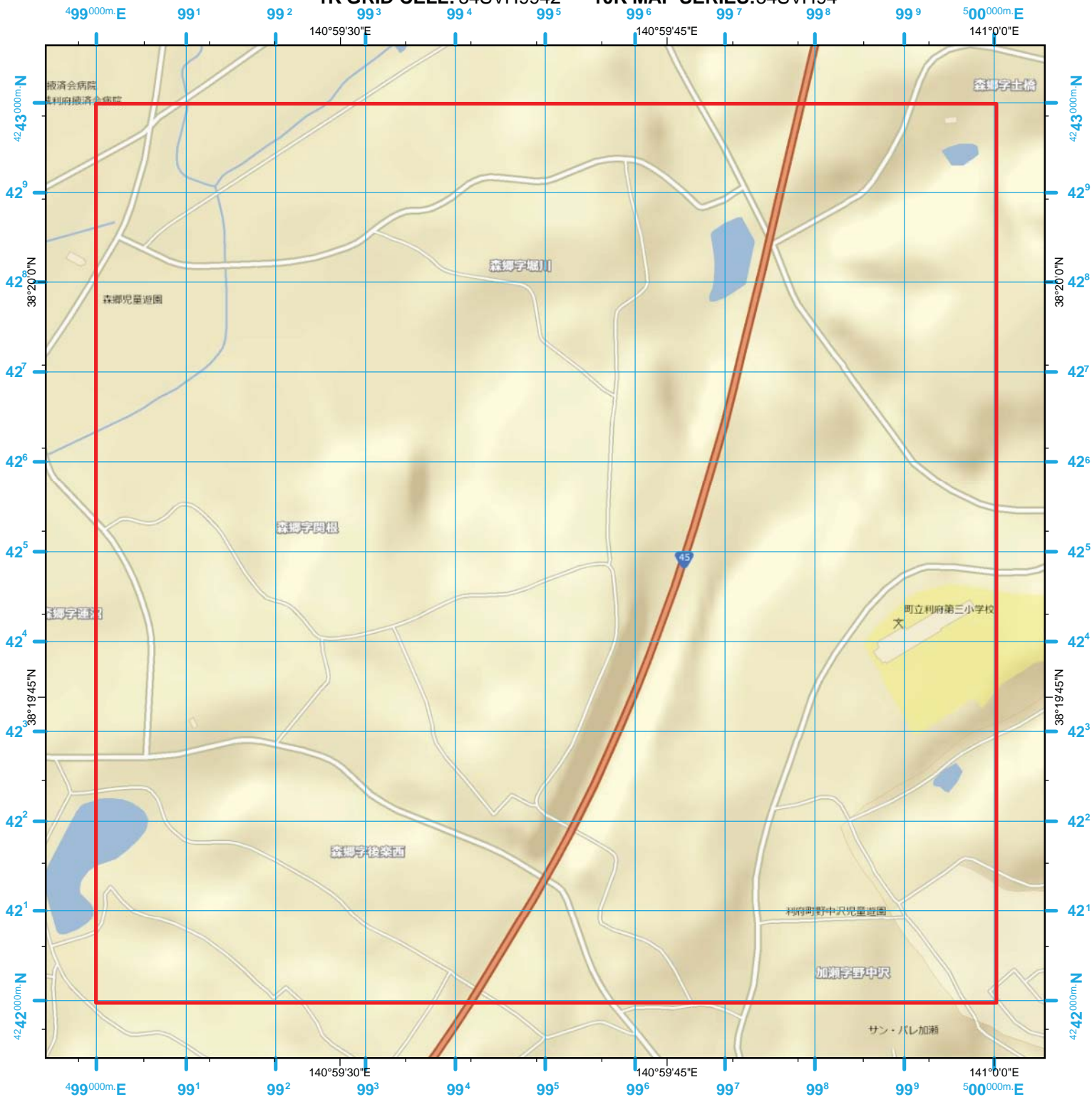
MAPSHEET 339 of 400

310	327	341	354	365
309	326	340	353	364
308	325	339	352	363
307	324	338	351	362
306	323	337	350	361

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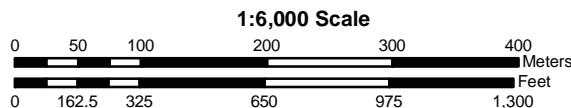
1K GRID CELL: 54SVH9942 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation

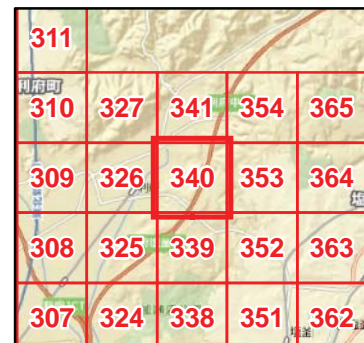


- Search Grid
- H Hospital
- P Police
- 🏫 School



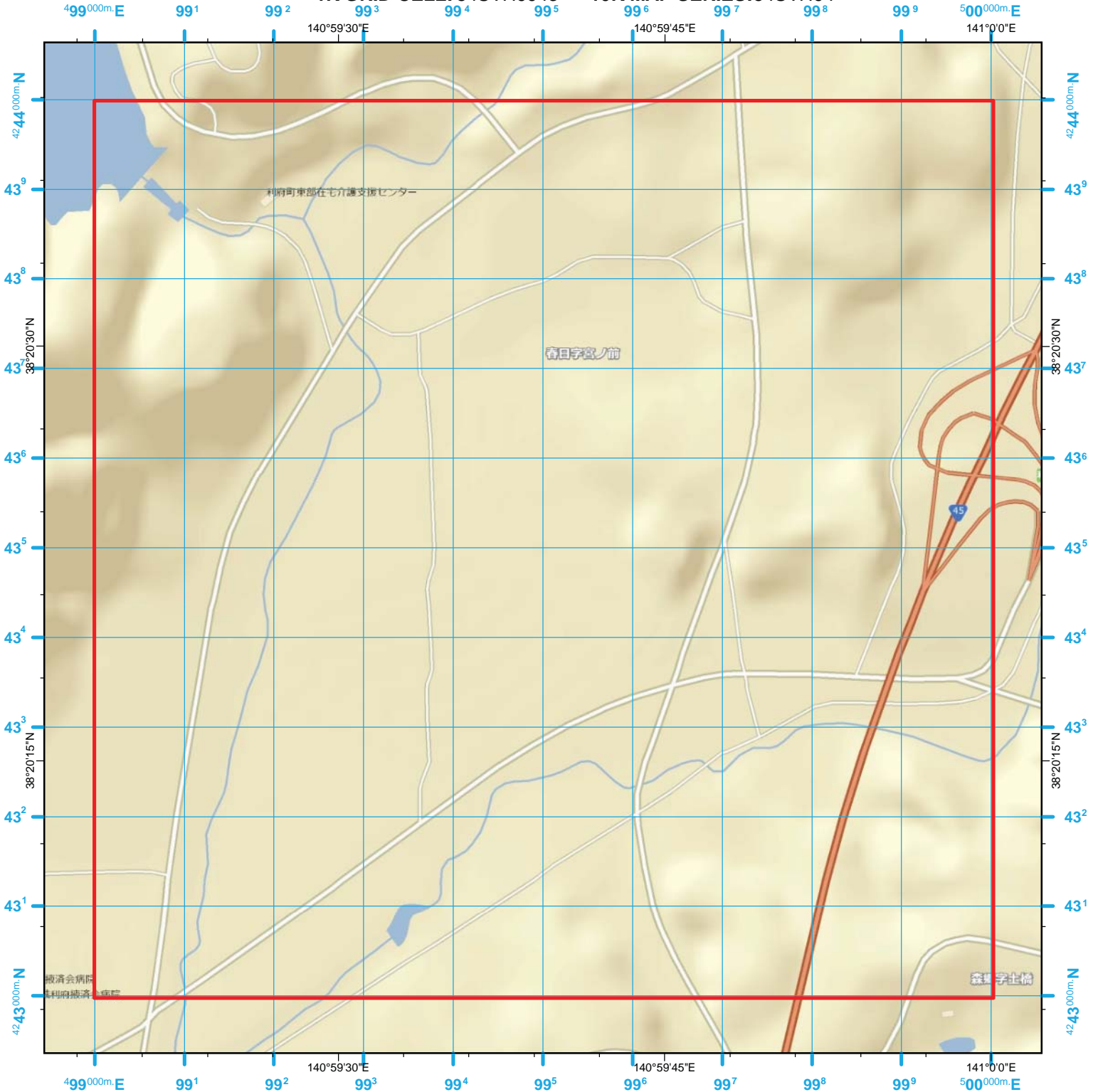
INDEX MAP

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1K GRID CELL: 54SVH9943 10K MAP SERIES: 54SVH94



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: VH
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MGRS
100,000-m Square Grid
VH
54S
Grid Zone Designation

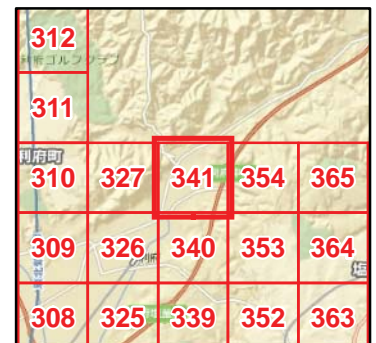


- Search Grid
- H Hospital
- P Police
- School



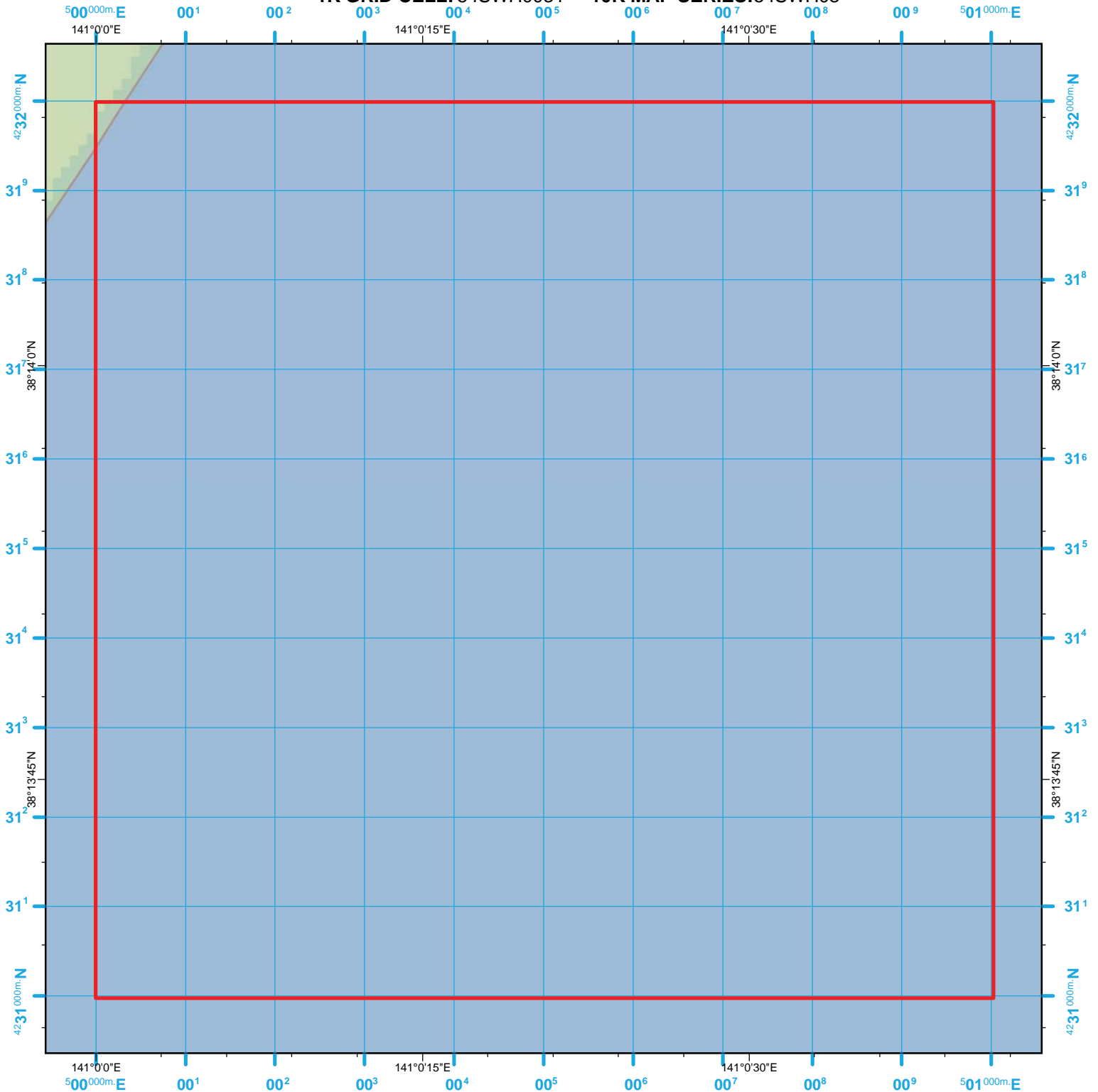
INDEX MAP

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1K GRID CELL: 54SWH0031 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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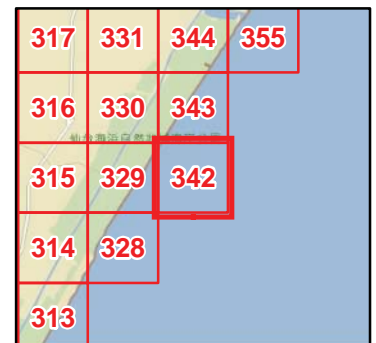
MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



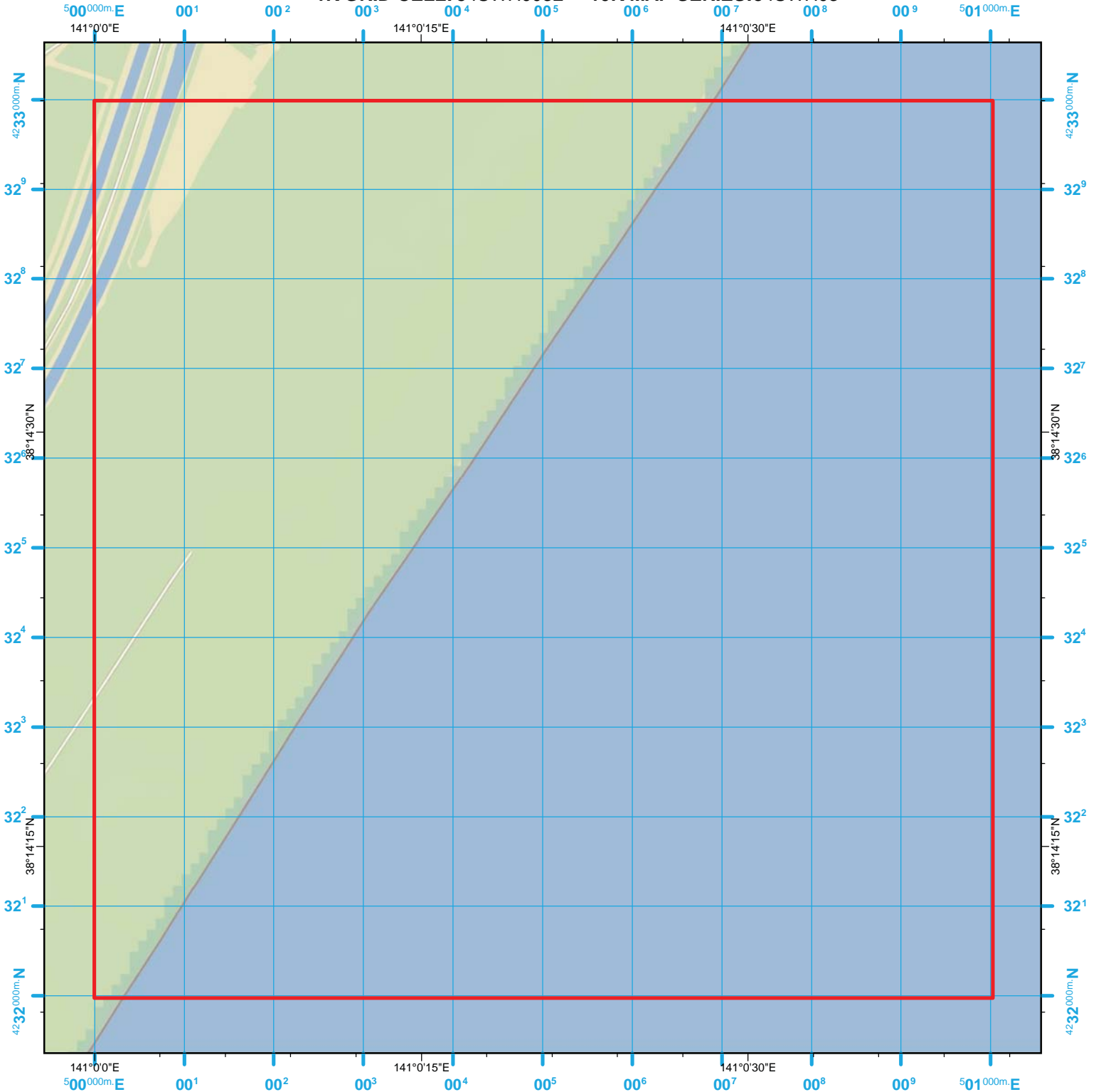
INDEX MAP MAPSHEET 342 of 400



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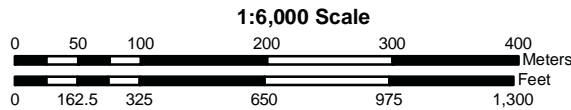
1K GRID CELL: 54SWH0032 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

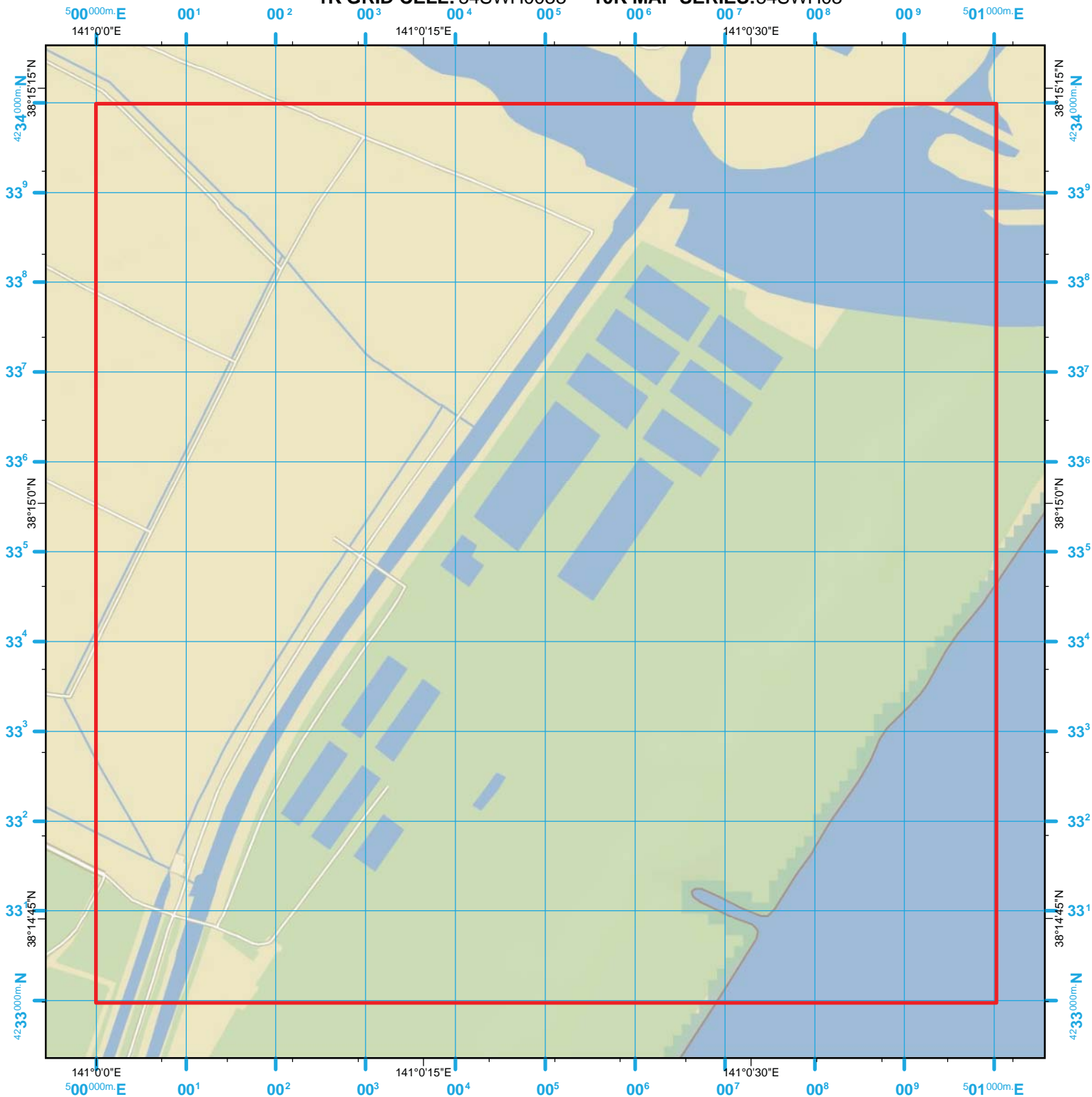
MAPSHEET 343 of 400

318	332	345	356
317	331	344	355
316	330	343	
315	329	342	
314	328		

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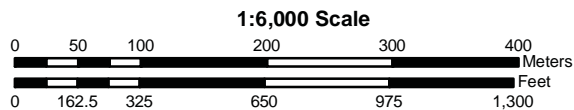
1K GRID CELL: 54SWH0033 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



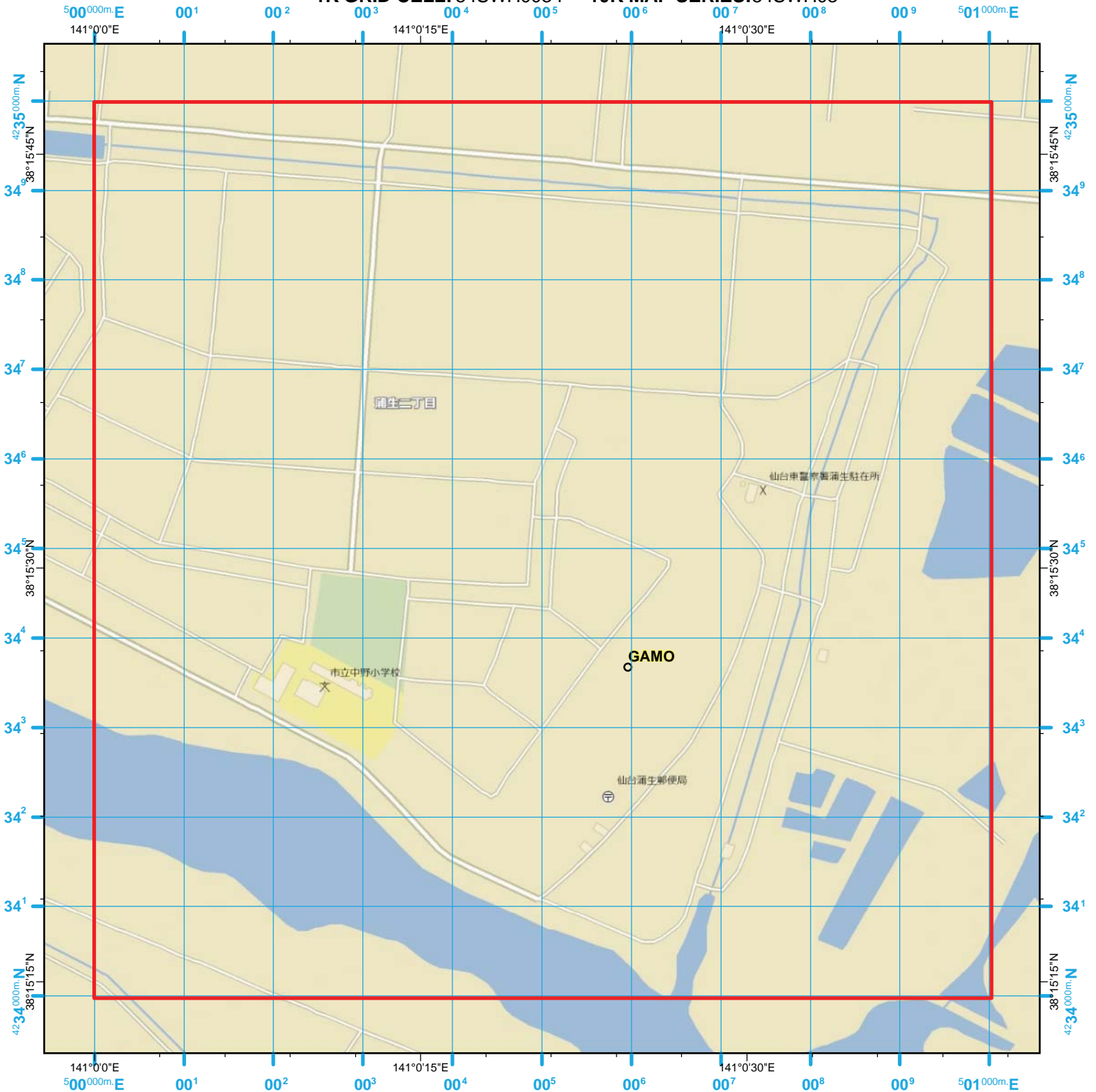
INDEX MAP

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319	333	346	357	366
318	332	345	356	
317	331	344	355	
316	330	343		
315	329	342		

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1K GRID CELL: 54SWH0034 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



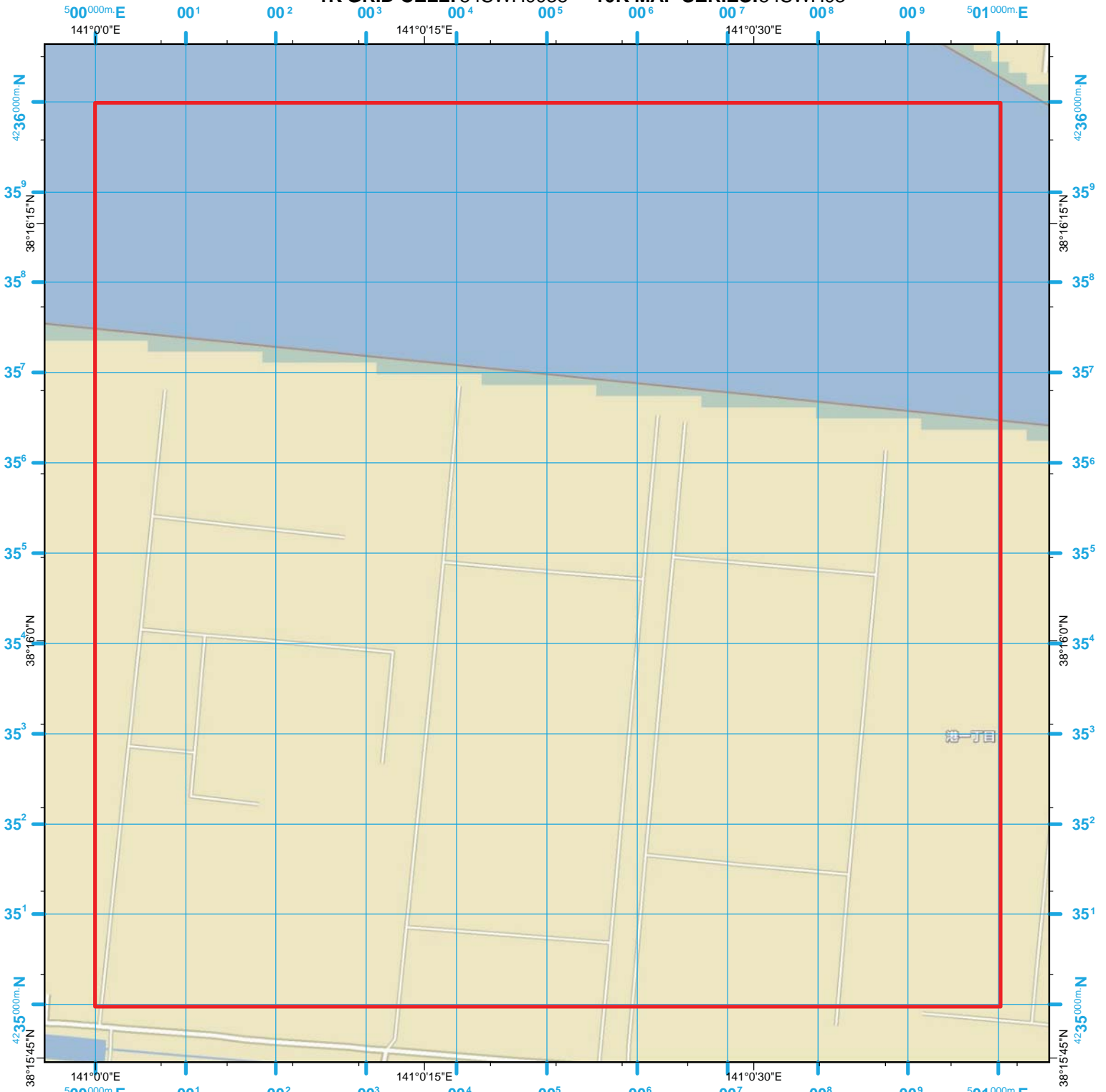
INDEX MAP

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320	334	347	358	367
319	333	346	357	366
318	332	345	356	
317	331	344	355	
316	330	343		

SENDAI, JAPAN

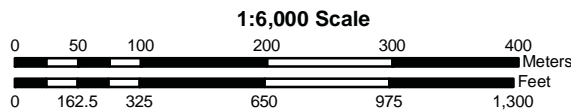
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1000-m cell, 100-m grid, MGRS
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 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

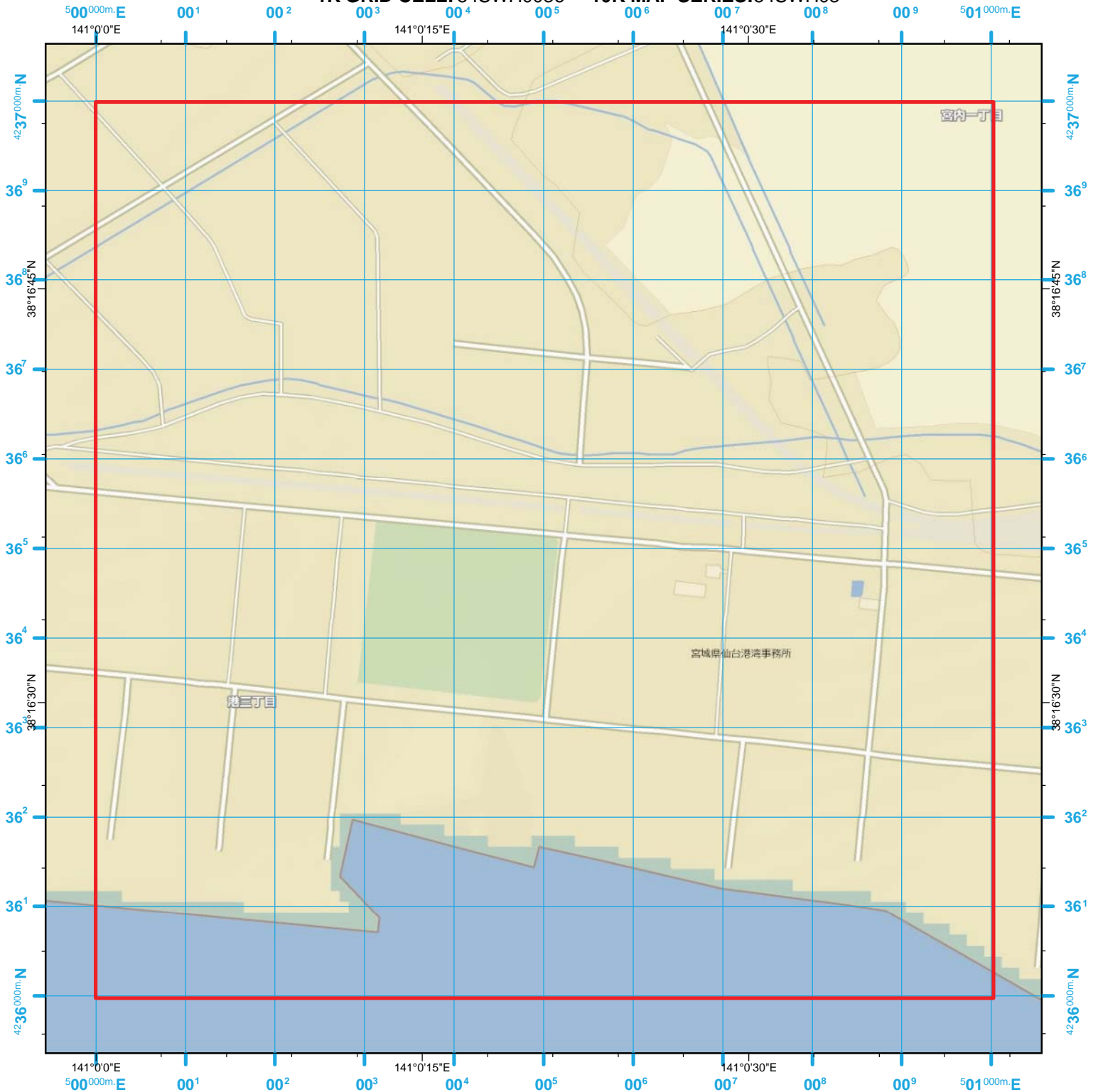
MAPSHEET 346 of 400

321	335	348	359	368
320	334	347	358	367
319	333	346	357	366
318	332	345	356	
317	331	344	355	

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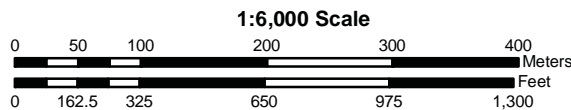
1K GRID CELL: 54SWH0036 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
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 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School



INDEX MAP

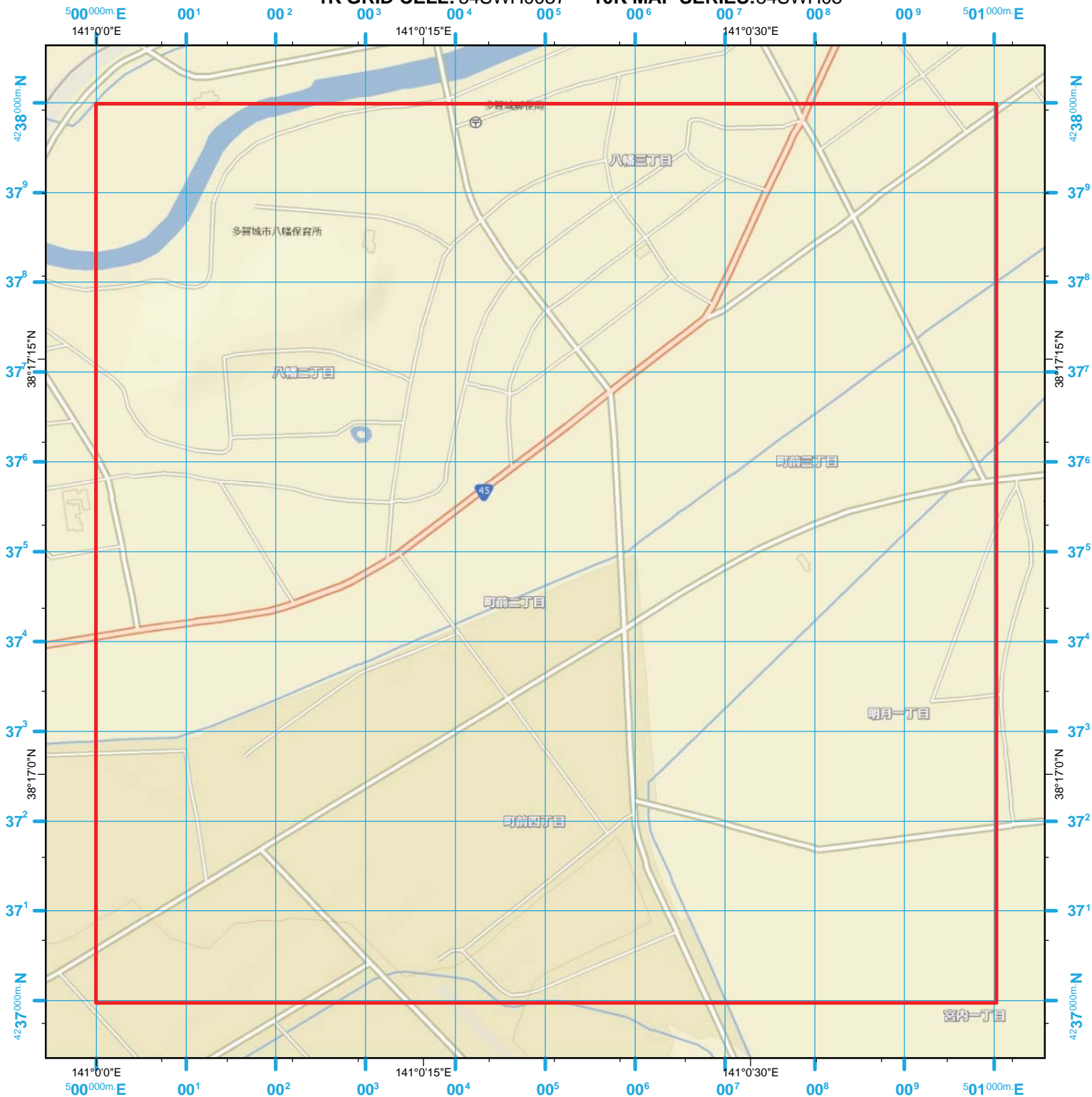
MAPSHEET 347 of 400

322	336	349	360	369
321	335	348	359	368
320	334	347	358	367
319	333	346	357	366
318	332	345	356	

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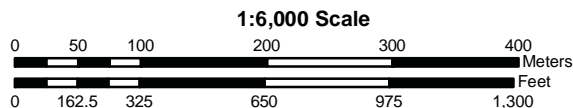
1K GRID CELL: 54SWH0037 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

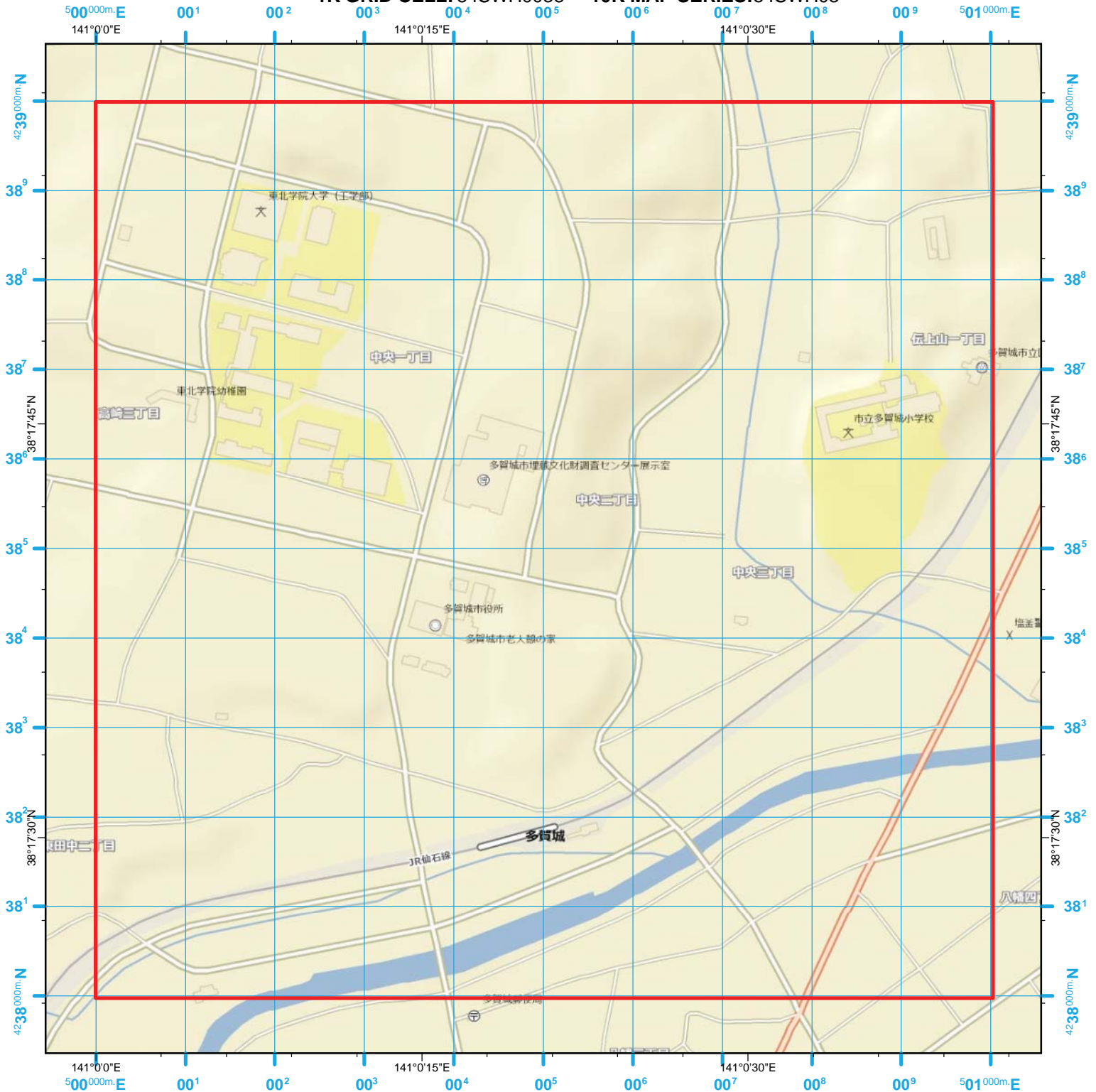
MAPSHEET 348 of 400

323	337	350	361	370
322	336	349	360	369
321	335	348	359	368
320	334	347	358	367
319	333	346	357	366

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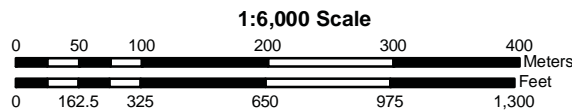
1K GRID CELL: 54SWH0038 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

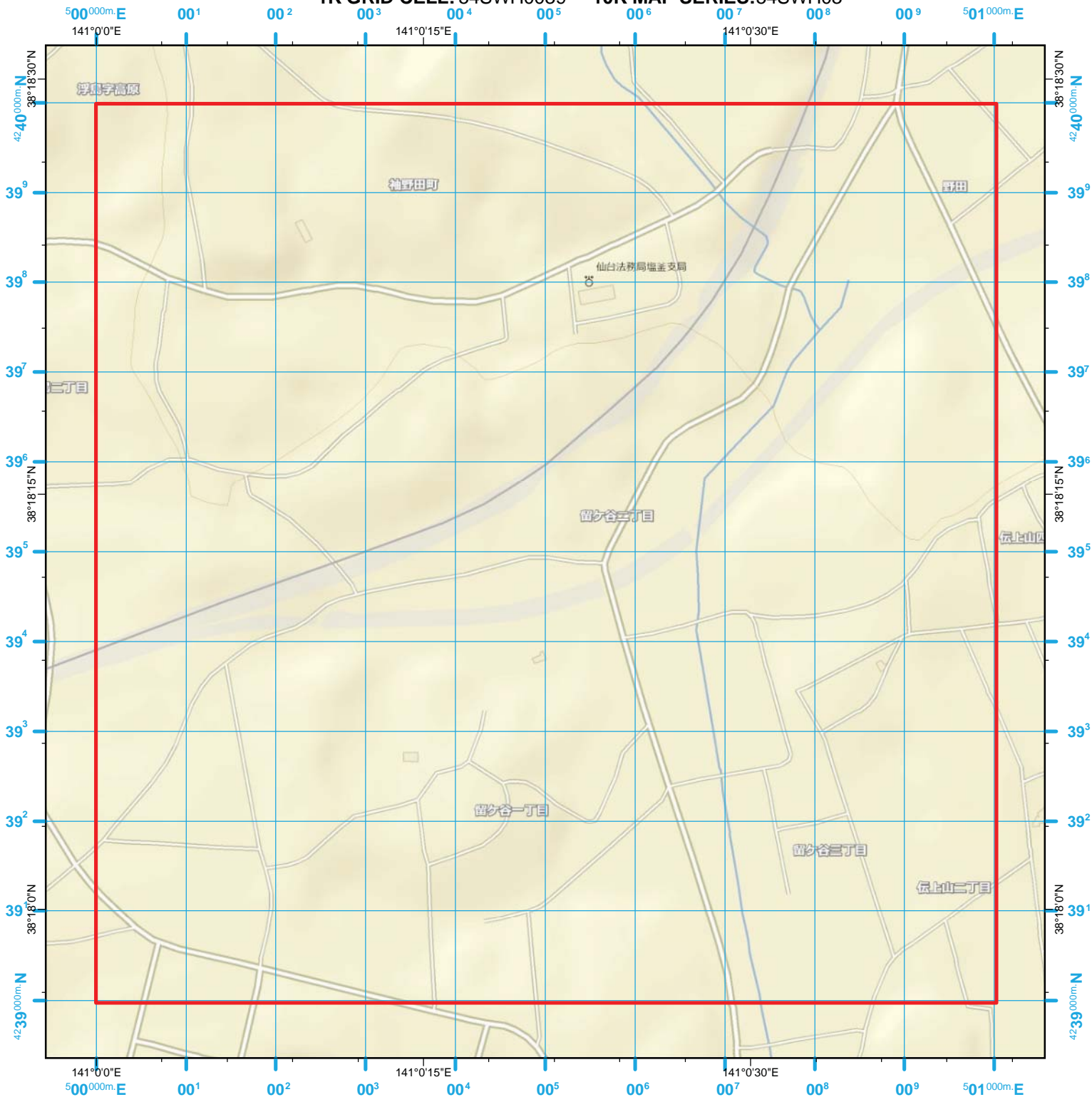
MAPSHEET 349 of 400

324	338	351	362	371
323	337	350	361	370
322	336	349	360	369
321	335	348	359	368
320	334	347	358	367

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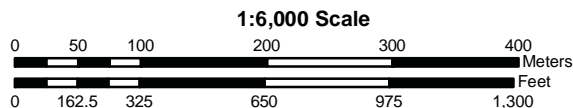
1K GRID CELL: 54SWH0039 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

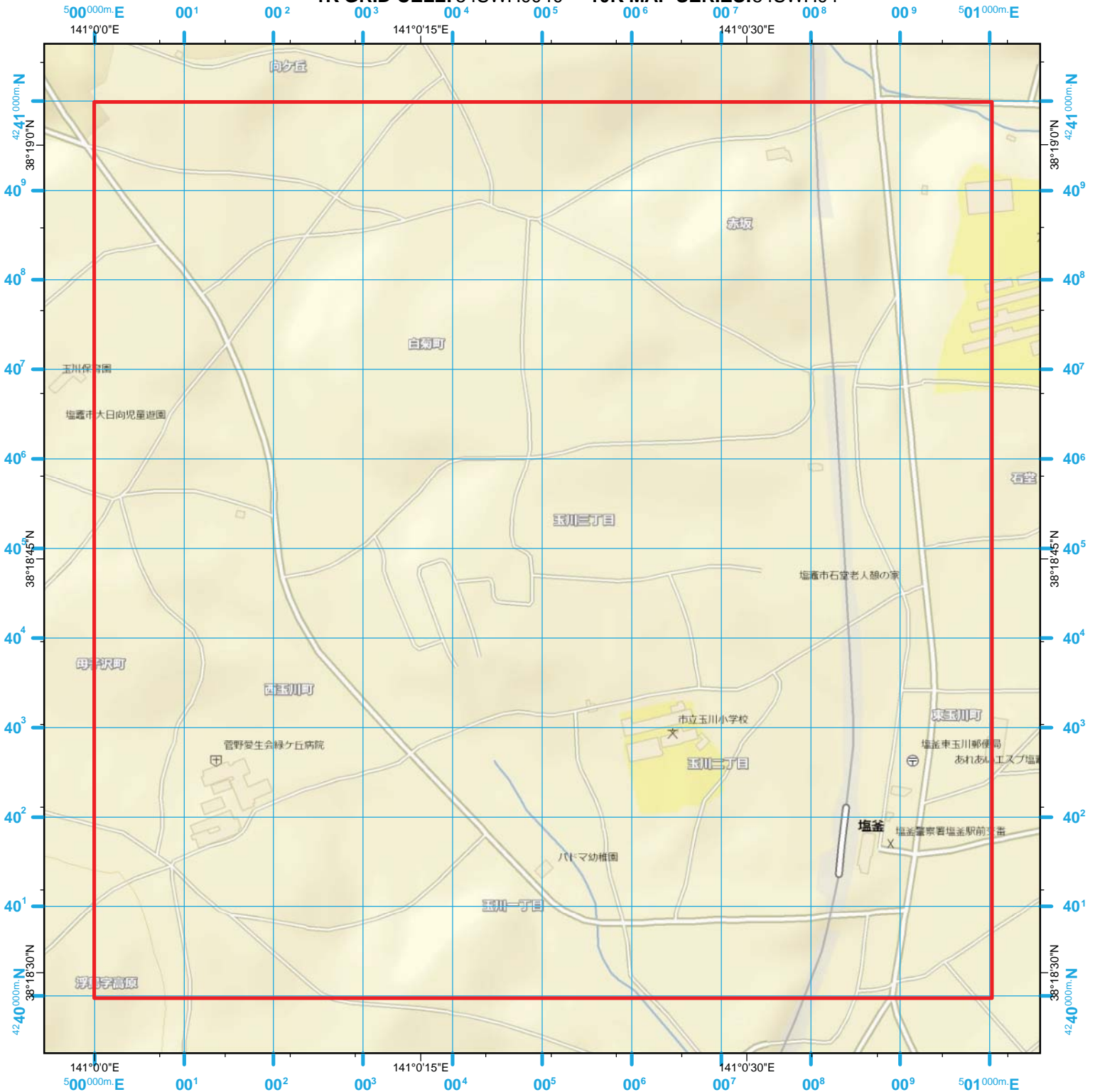
MAPSHEET 350 of 400

325	339	352	363	372
324	338	351	362	371
323	337	350	361	370
322	336	349	360	369
321	335	348	359	368

SENDAI, JAPAN

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1K GRID CELL: 54SWH0040 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

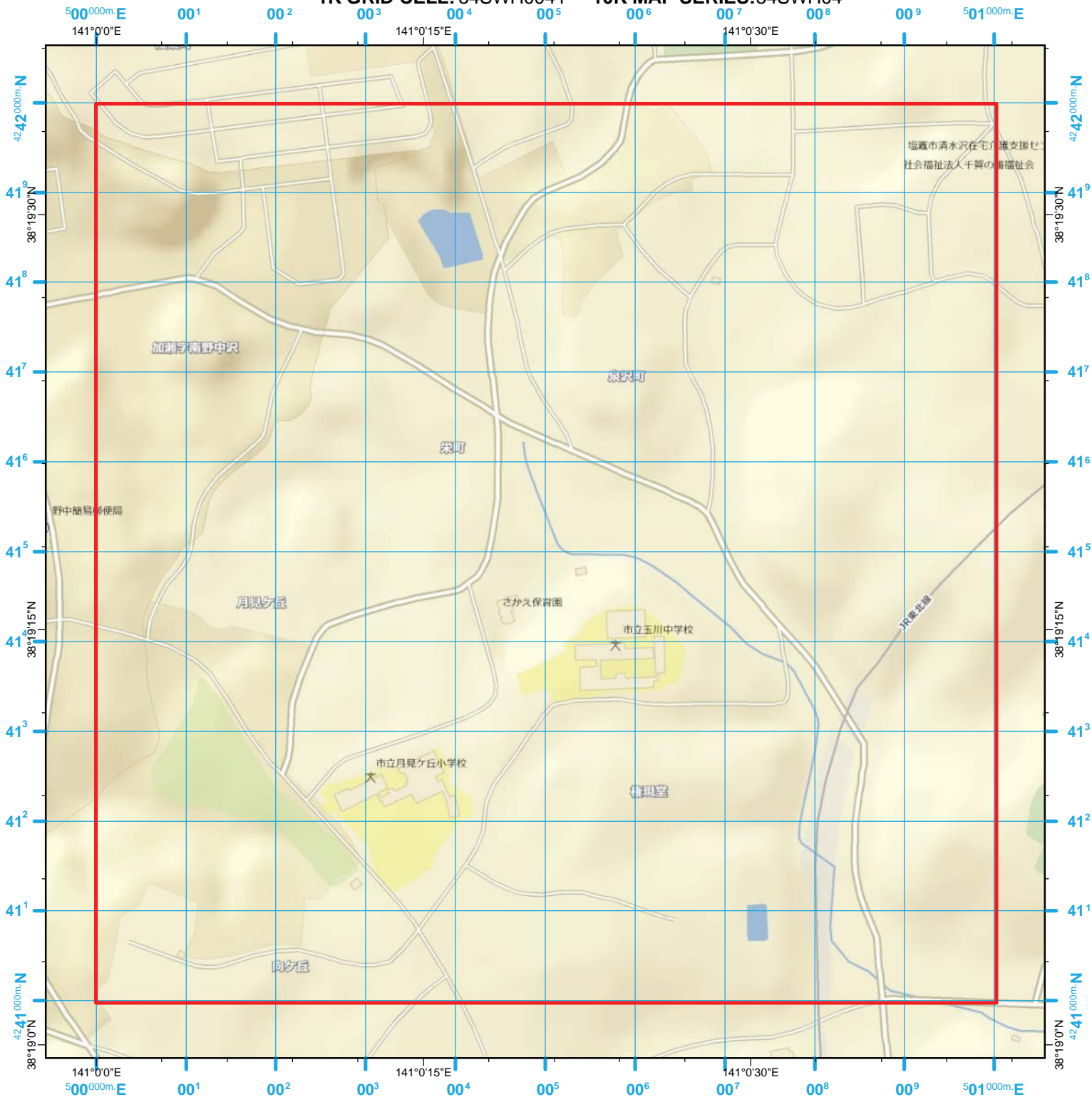
MAPSHEET 351 of 400

326	340	353	364	373
325	339	352	363	372
324	338	351	362	371
323	337	350	361	370
322	336	349	360	369

SENDAI, JAPAN

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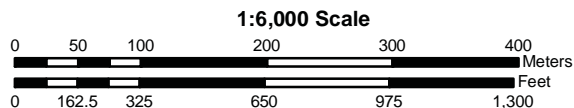
1K GRID CELL: 54SWH0041 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale



INDEX MAP

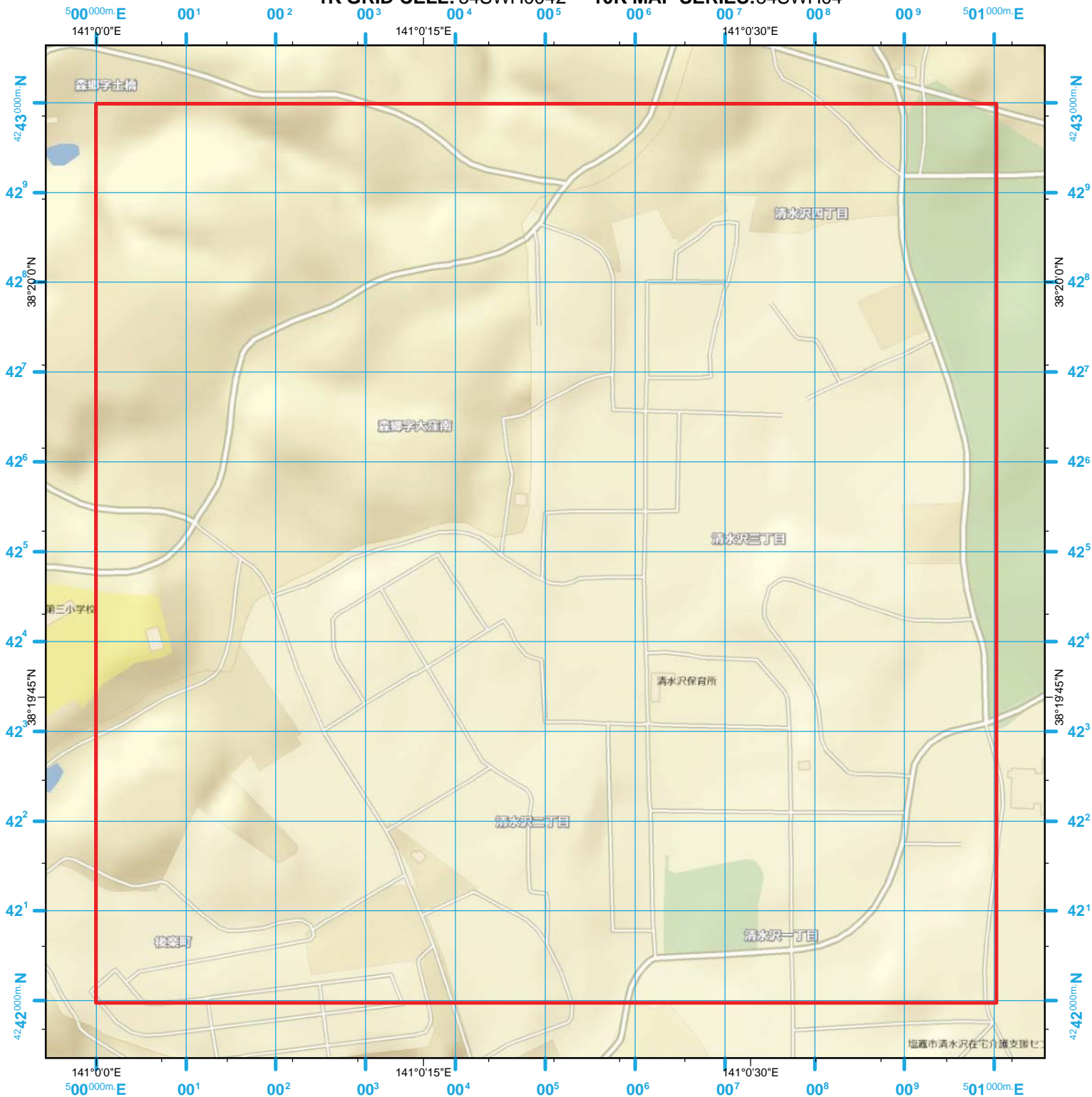
MAPSHEET 352 of 400

327	341	354	365	374
326	340	353	364	373
325	339	352	363	372
324	338	351	362	371
323	337	350	361	370

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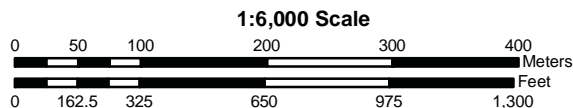
1K GRID CELL: 54SWH0042 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation

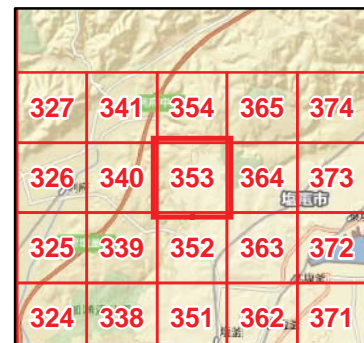


- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

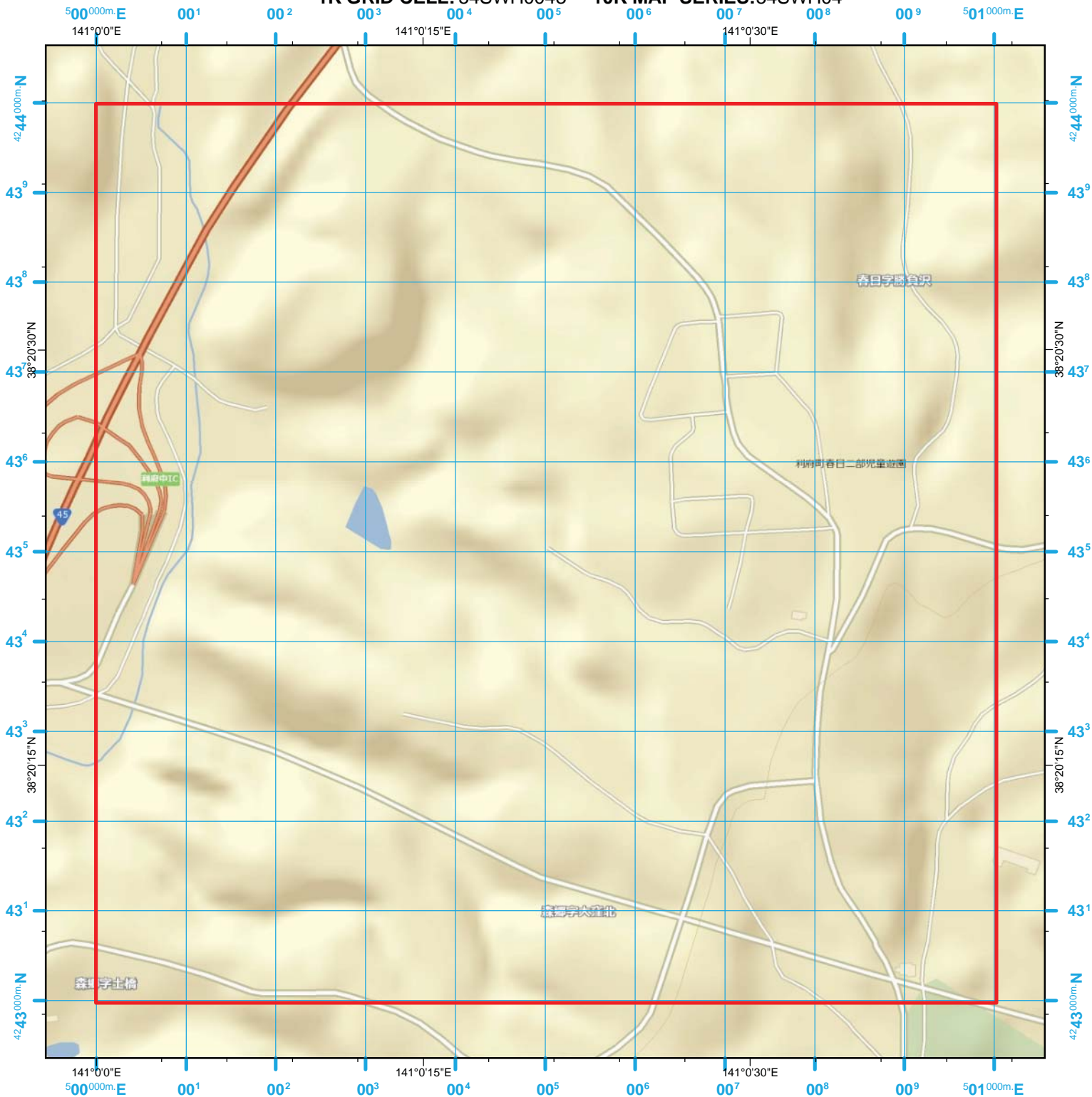
MAPSHEET 353 of 400



SENDAI, JAPAN

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1K GRID CELL: 54SWH0043 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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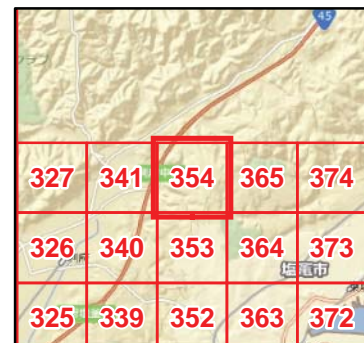
MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



1:6,000 Scale

INDEX MAP

MAPSHEET 354 of 400

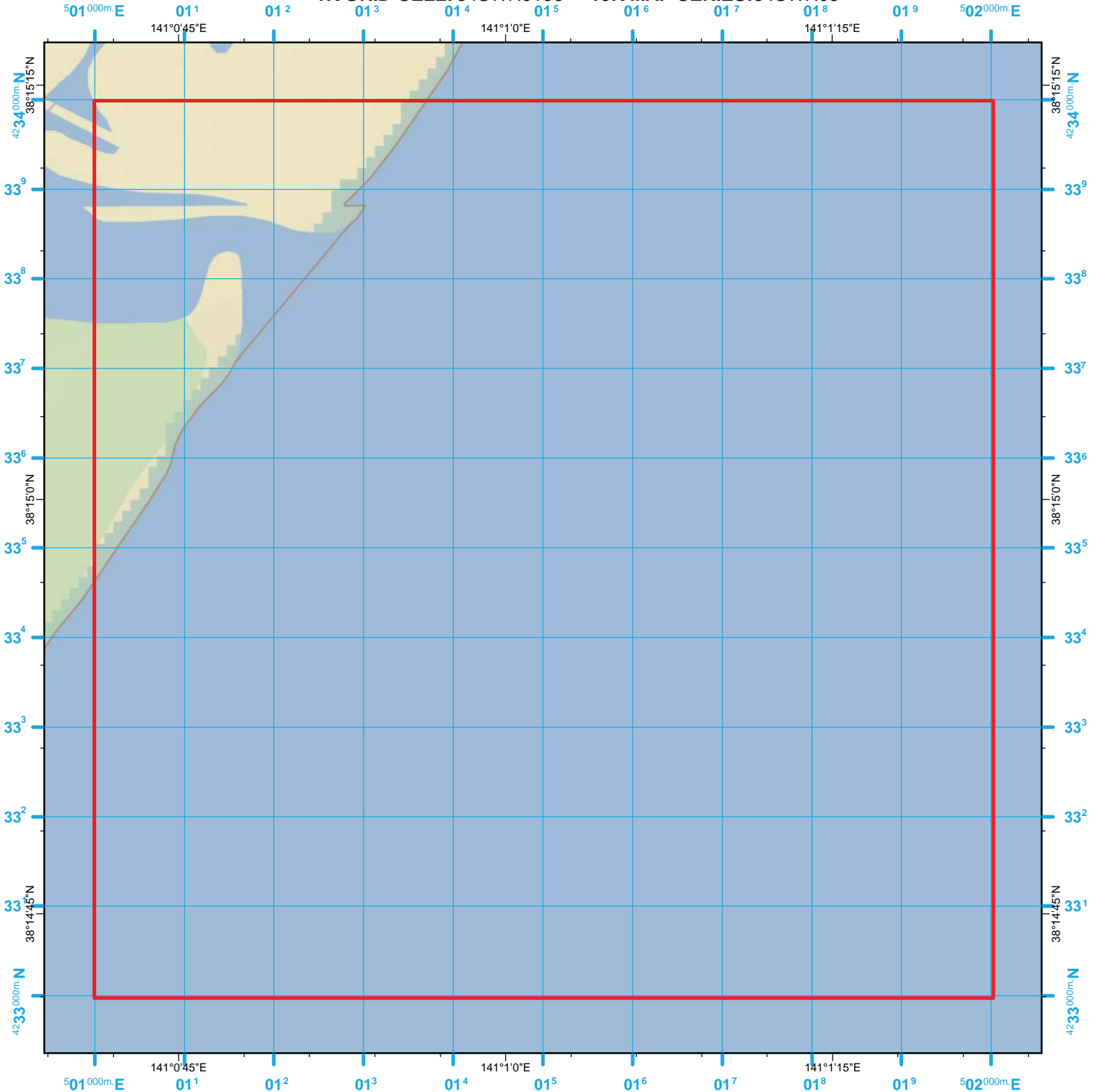


- Search Grid
- H Hospital
- P Police
- S School

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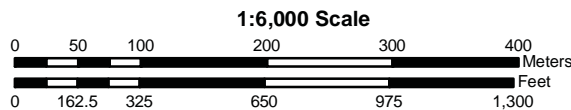
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation

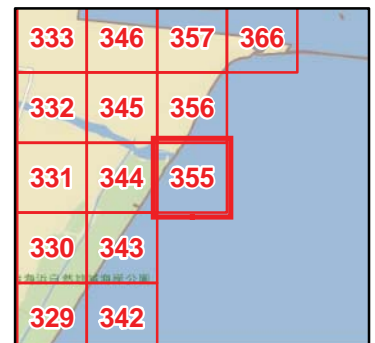


- Search Grid
- H Hospital
- P Police
- S School



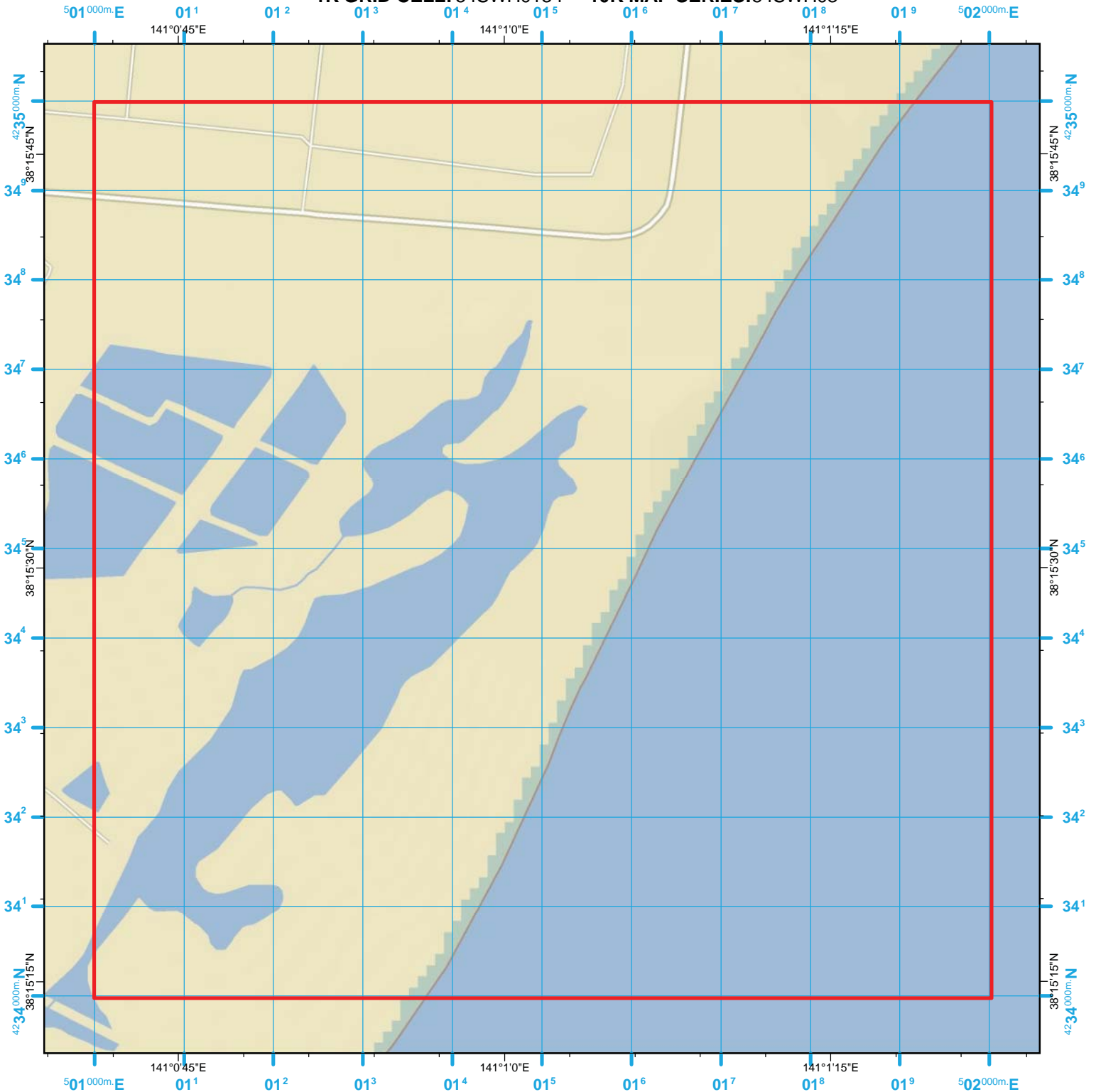
INDEX MAP

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SENDAI, JAPAN

1K GRID CELL: 54SWH0134 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



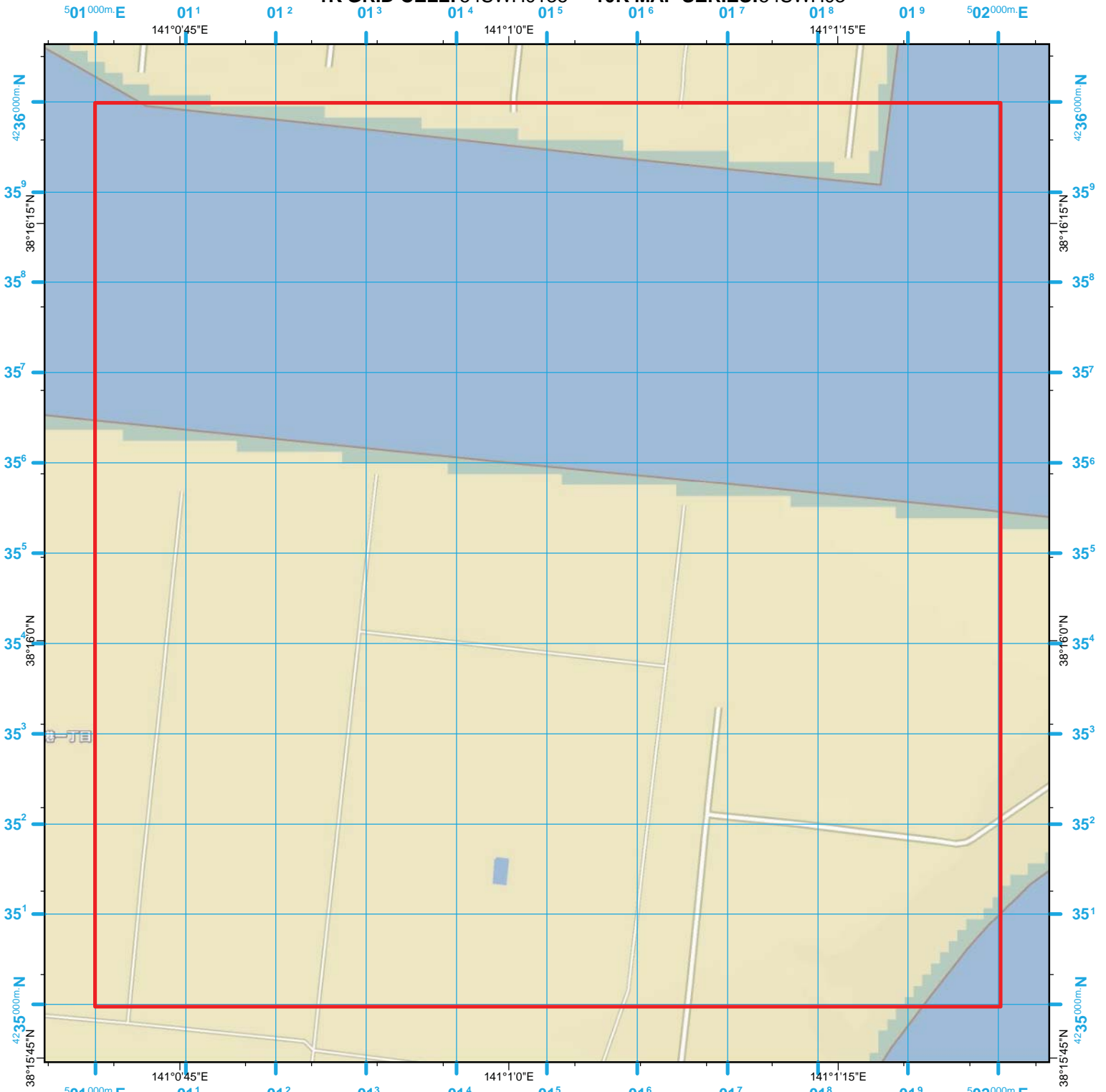
INDEX MAP

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SENDAI, JAPAN

1K GRID CELL: 54SWH0135 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

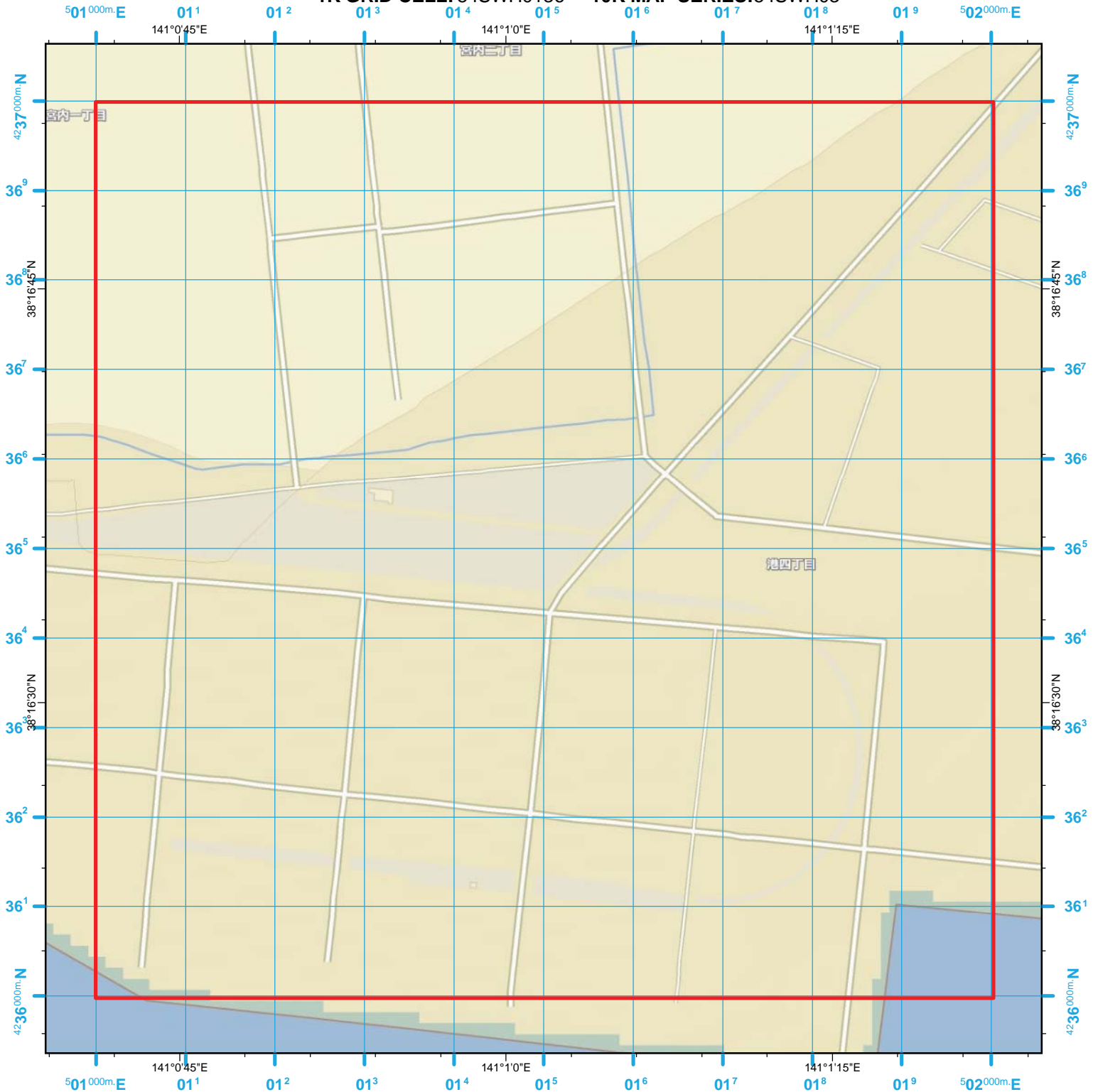
MAPSHEET 357 of 400

335	348	359	368	376
334	347	358	367	375
333	346	357	366	
332	345	356		
331	344	355		

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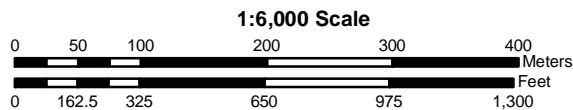
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

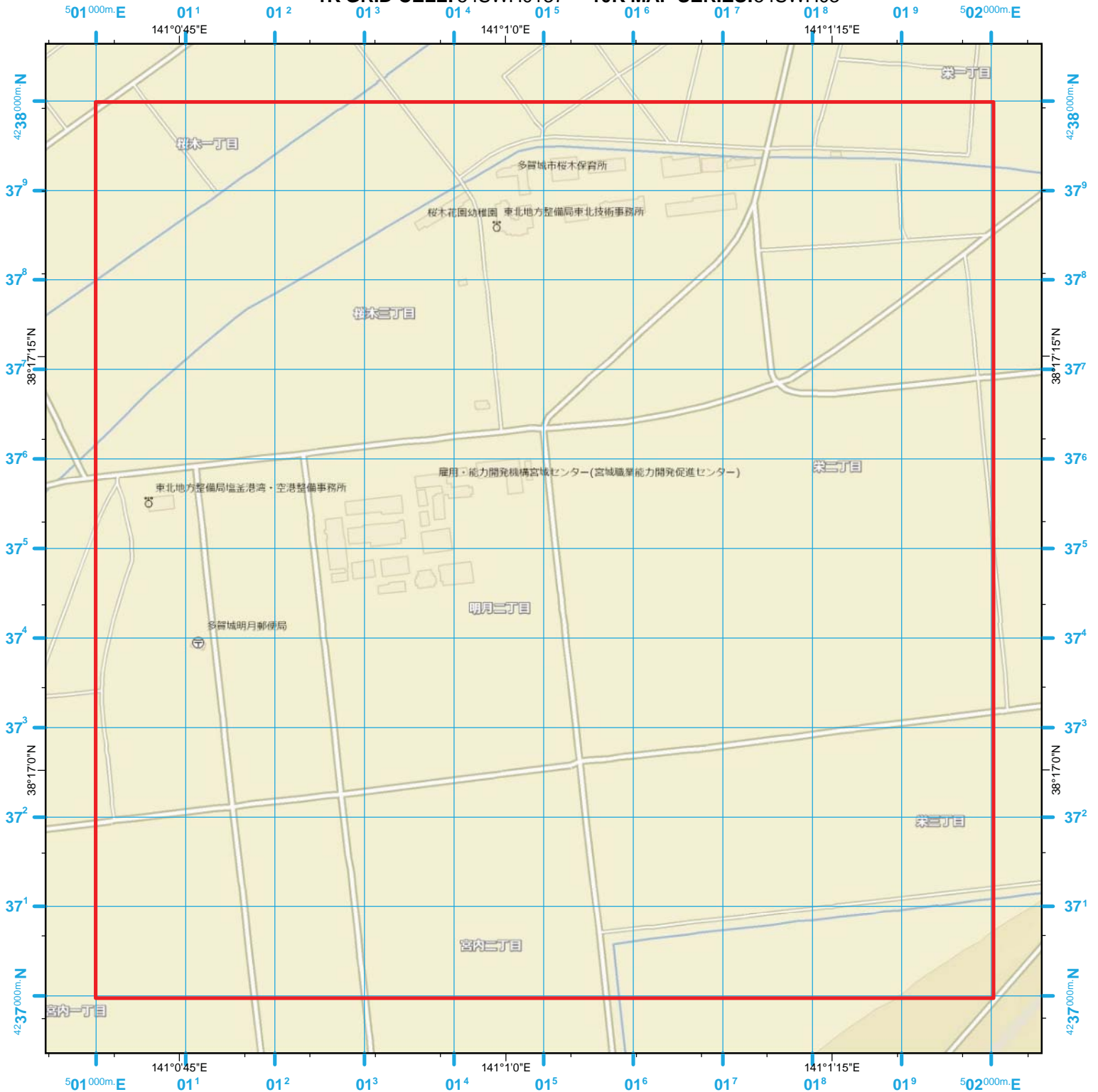
MAPSHEET 358 of 400



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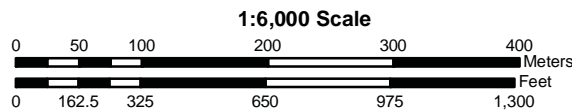
1K GRID CELL: 54SWH0137 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP MAPSHEET 359 of 400

337	350	361	370	378
336	349	360	369	377
335	348	359	368	376
334	347	358	367	375
333	346	357	366	

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1K GRID CELL: 54SWH0138 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

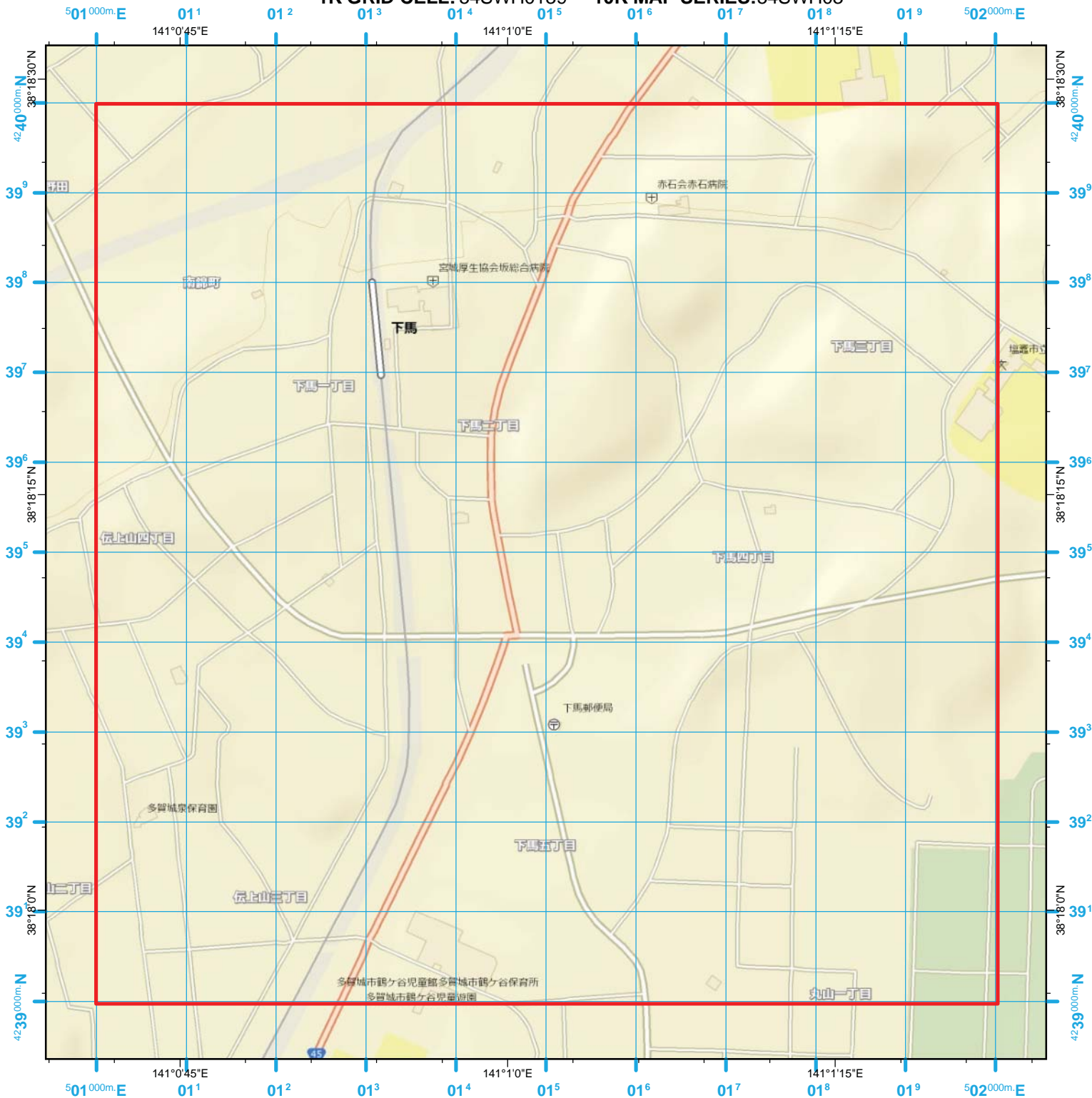
MAPSHEET 360 of 400

338	351	362	371	379
337	350	361	370	378
336	349	360	369	377
335	348	359	368	376
334	347	358	367	375

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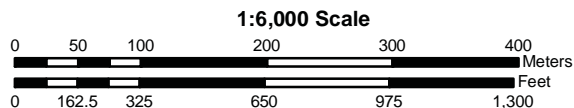
1K GRID CELL: 54SWH0139 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

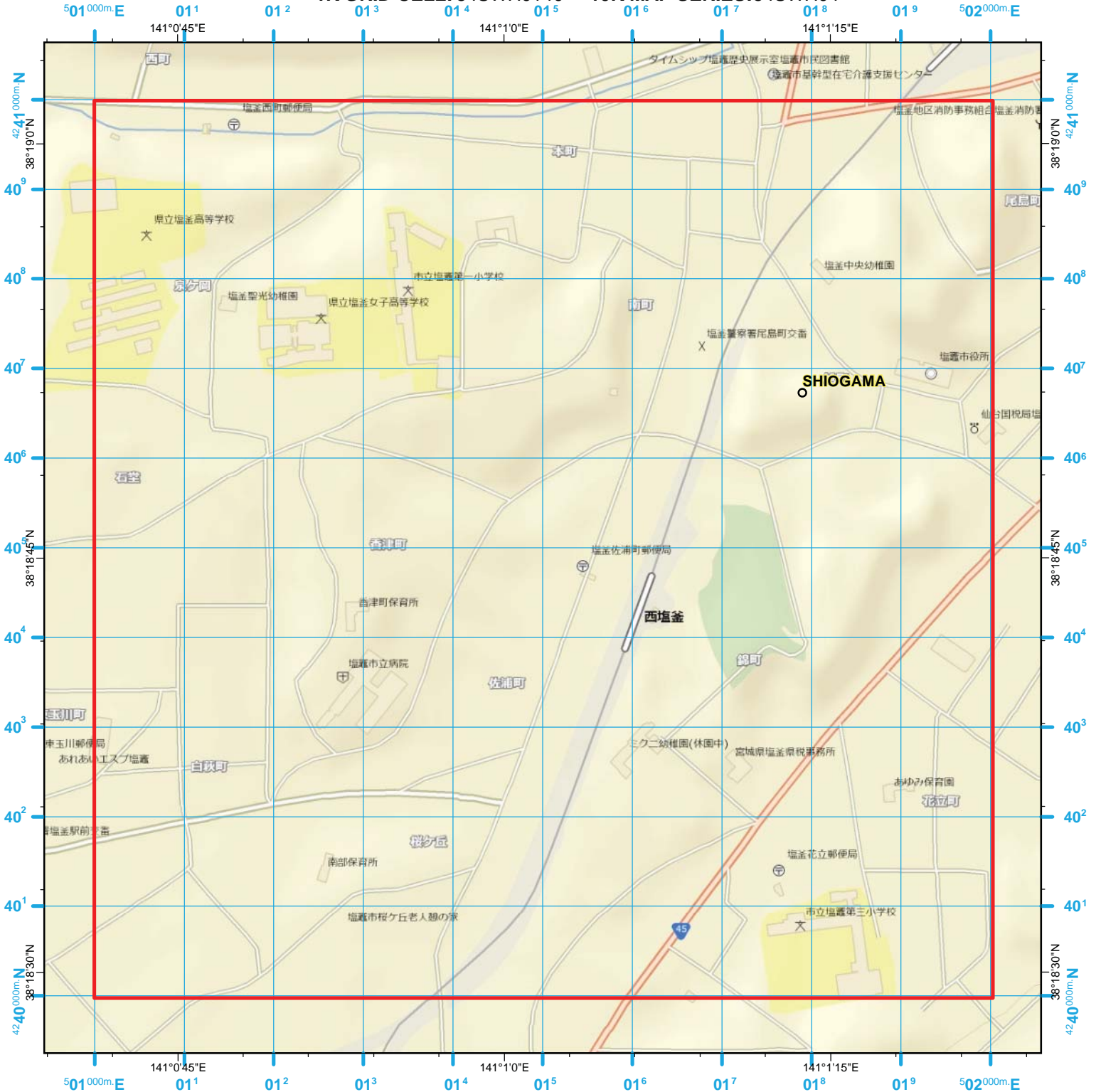
MAPSHEET 361 of 400

339	352	363	372	380
338	351	362	371	379
337	350	361	370	378
336	349	360	369	377
335	348	359	368	376

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1K GRID CELL: 54SWH0140 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

MAPSHEET 362 of 400

340	353	364	373	381
339	352	363	372	380
338	351	362	371	379
337	350	361	370	378
336	349	360	369	377

SENDAI, JAPAN

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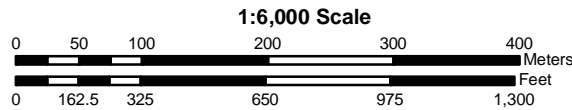
1K GRID CELL: 54SWH0141 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

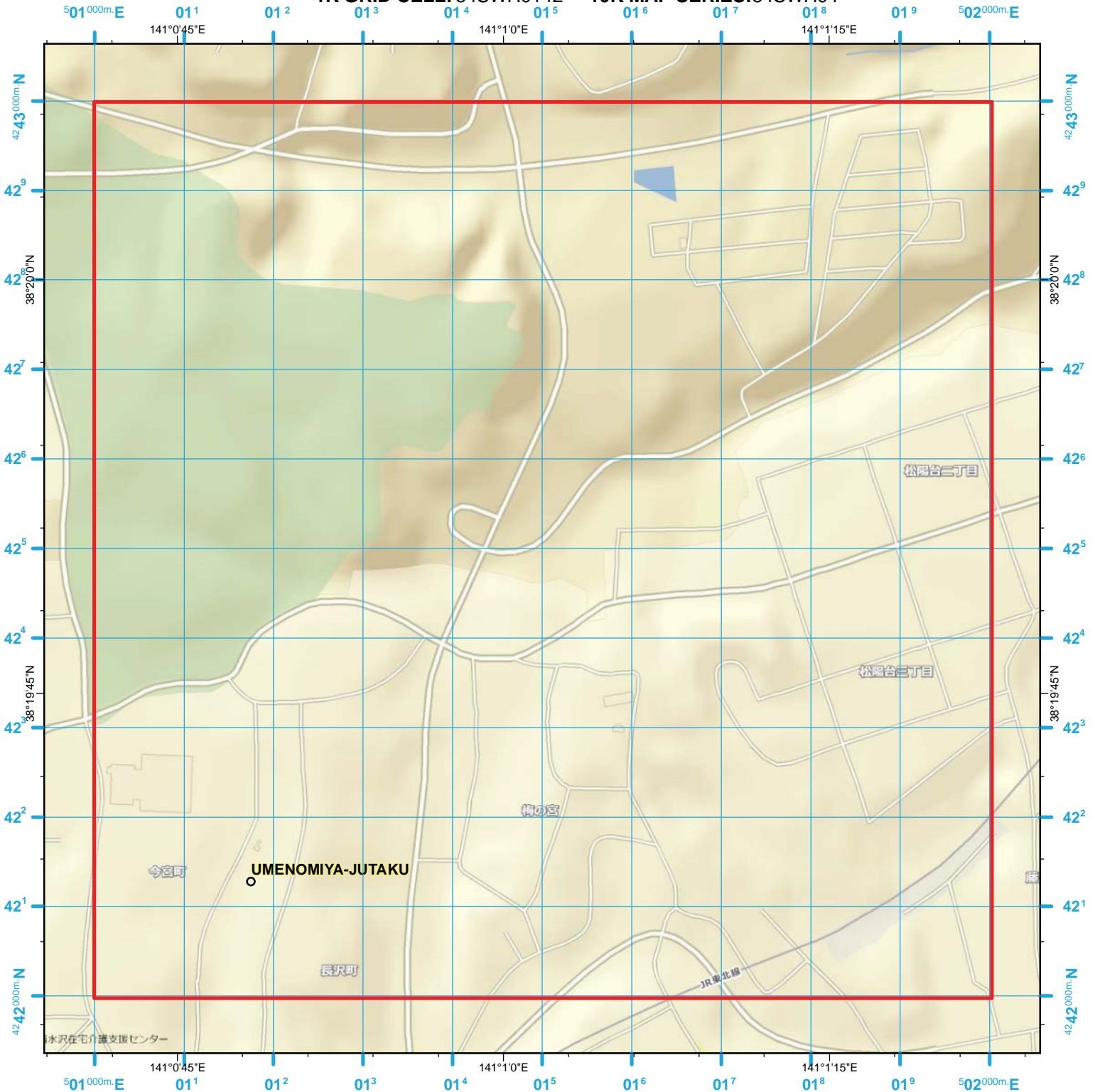
MAPSHEET 363 of 400

341	354	365	374	382
340	353	364	373	381
339	352	363	372	380
338	351	362	371	379
337	350	361	370	378

SENDAI, JAPAN

UNCLASSIFIED//FOUO

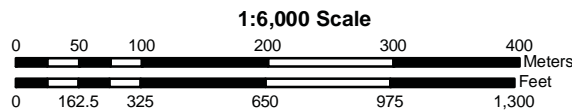
1K GRID CELL: 54SWH0142 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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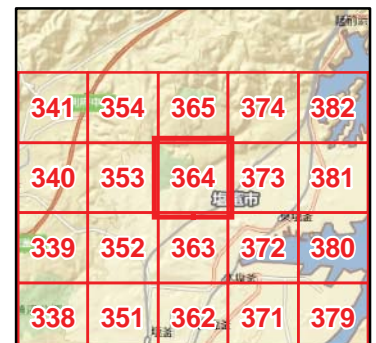
MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School

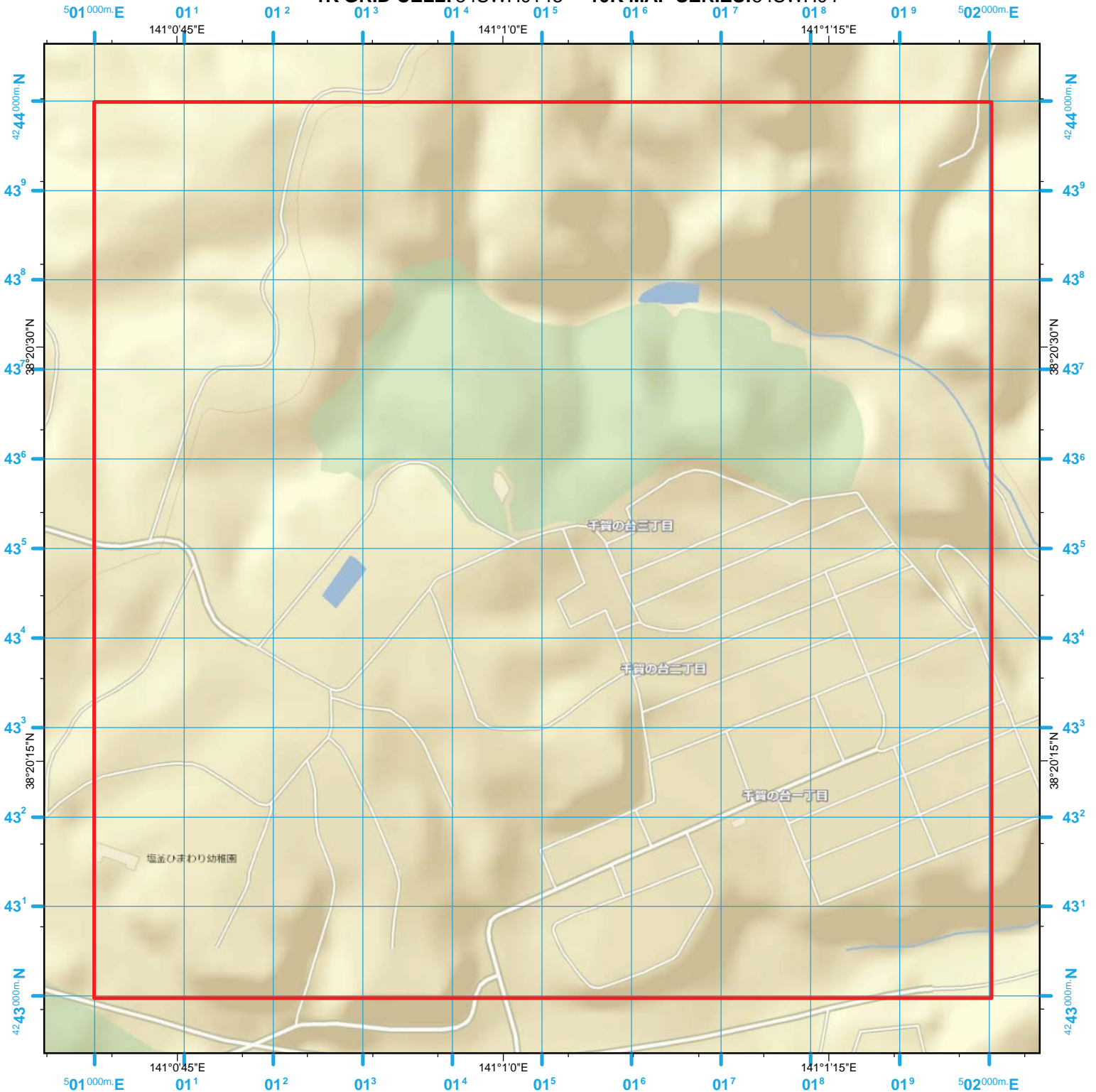


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SENDAI, JAPAN

1K GRID CELL: 54SWH0143 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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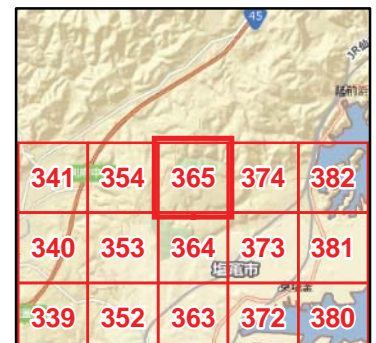
MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



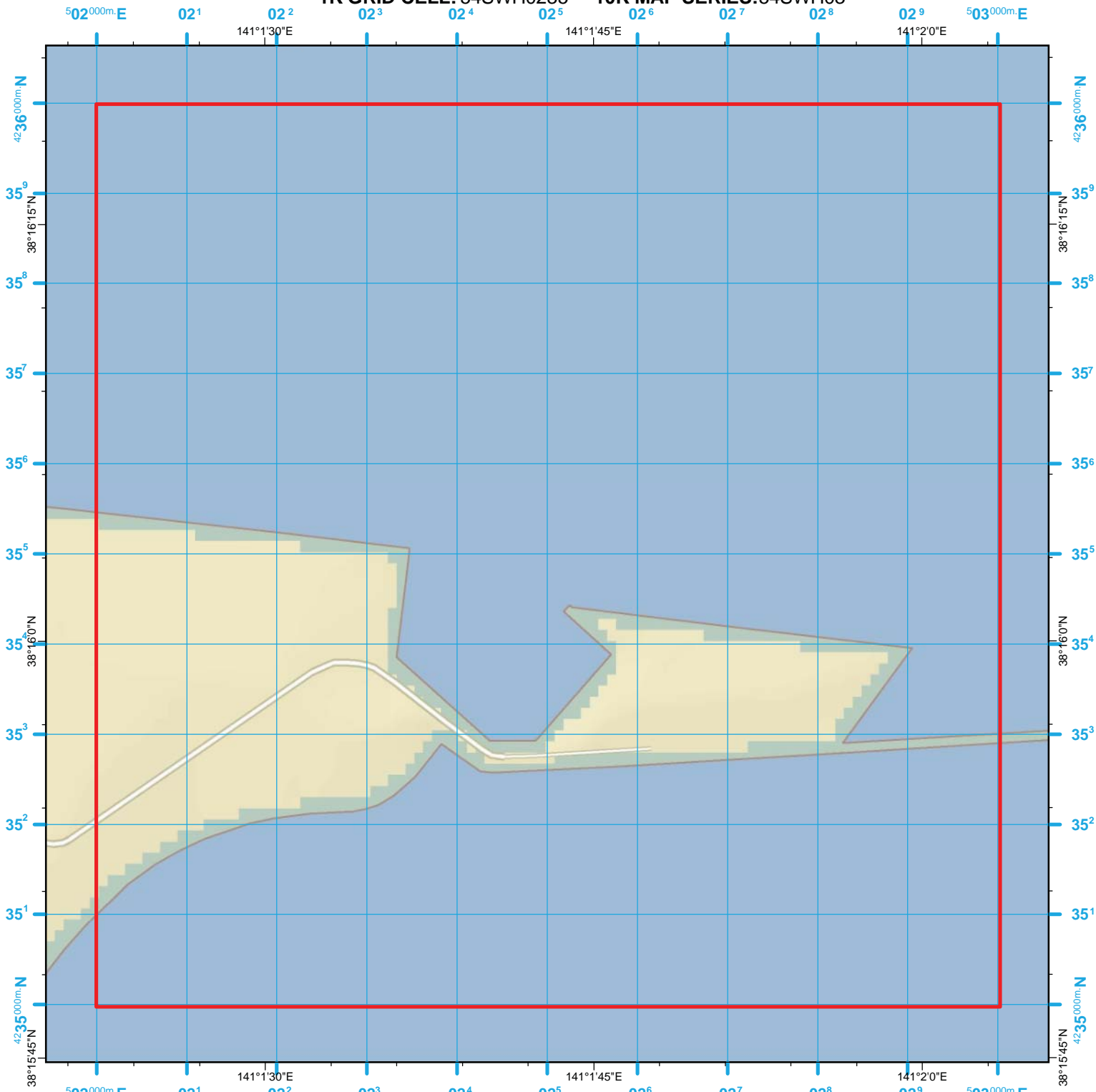
INDEX MAP
MAPSHEET 365 of 400



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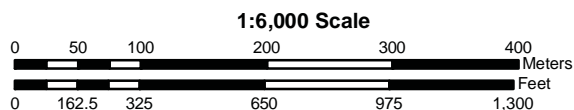
1K GRID CELL: 54SWH0235 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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 (Open Street Map) (These are national level
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 purposes only.*

MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



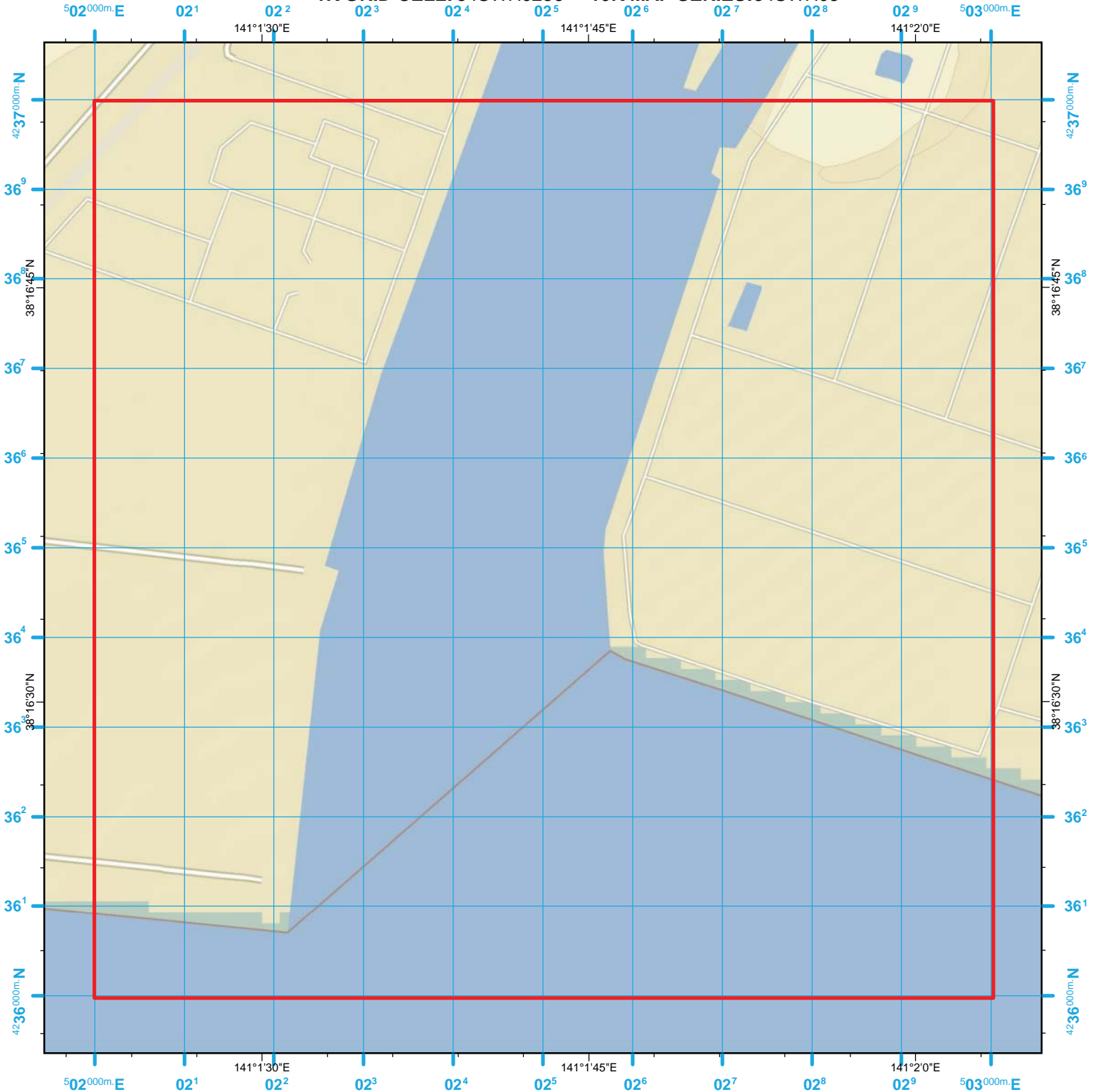
INDEX MAP

MAPSHEET 366 of 400

348	359	368	376	384
347	358	367	375	383
346	357	366		
345	356			
344	355			

SENDAI, JAPAN

1K GRID CELL: 54SWH0236 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

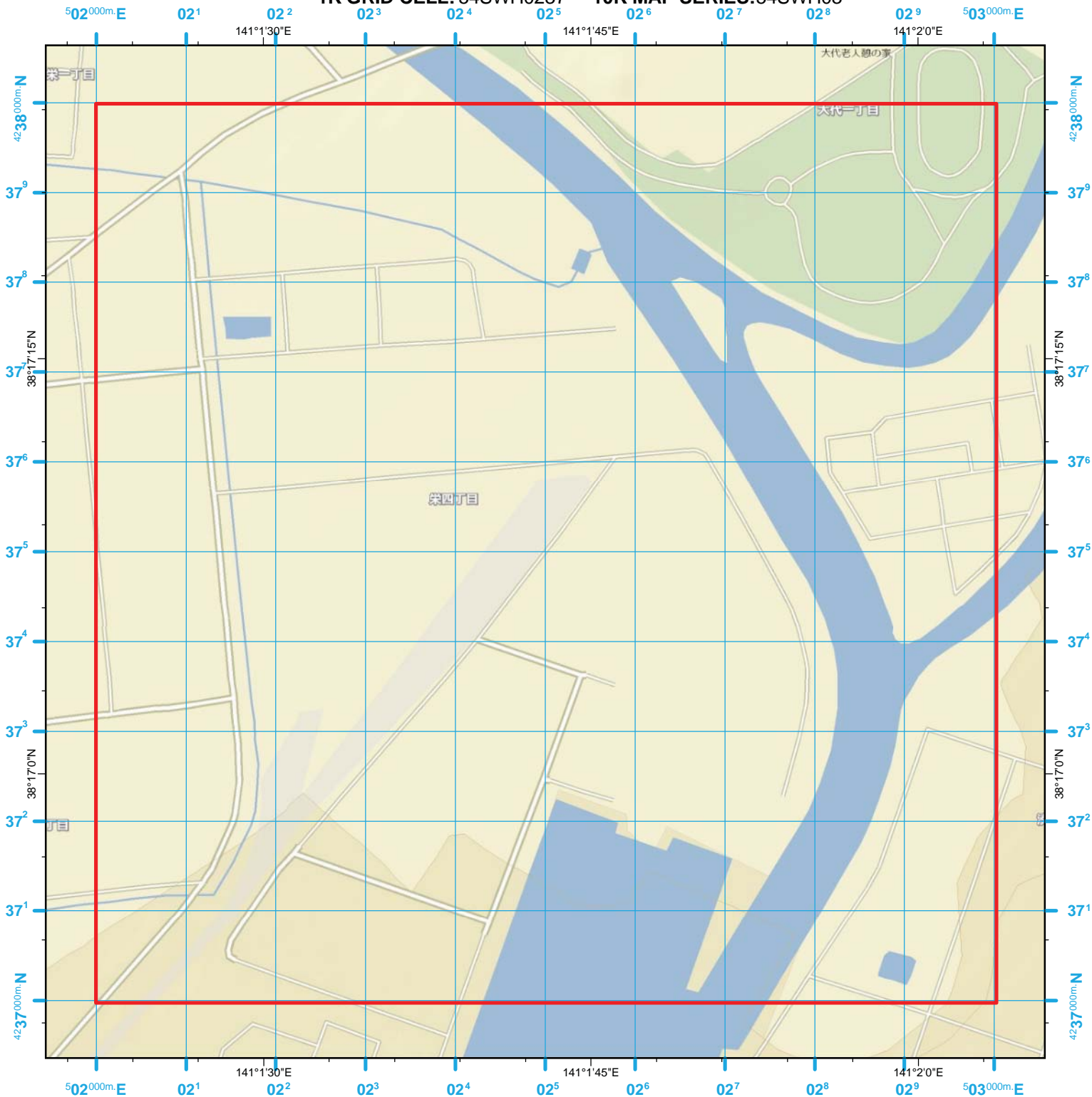
MAPSHEET 367 of 400



SENDAI, JAPAN

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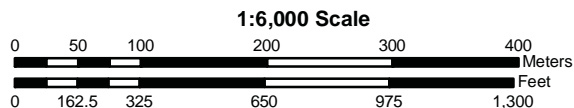
1K GRID CELL: 54SWH0237 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- 🏫 School



INDEX MAP

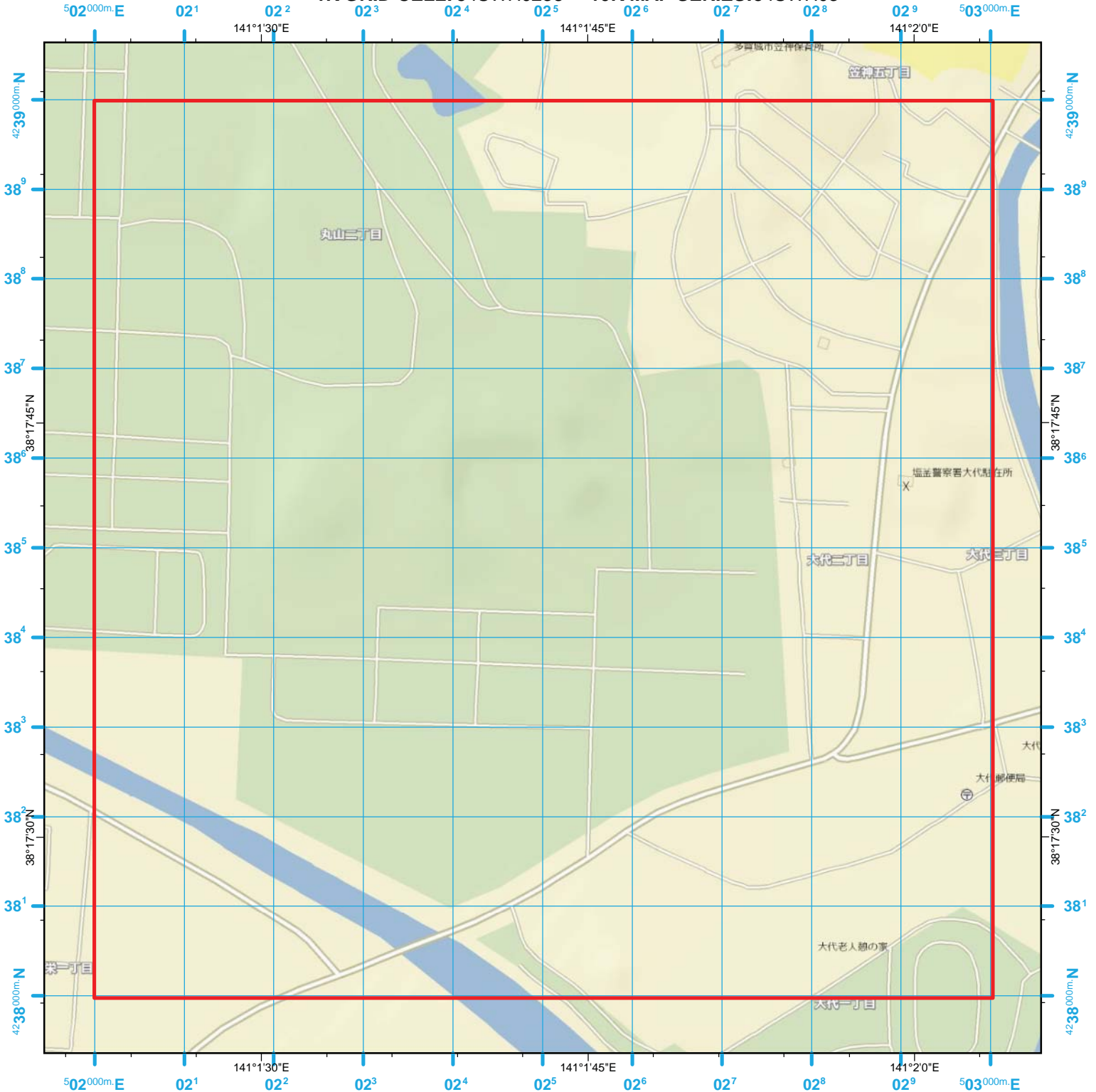
MAPSHEET 368 of 400

350	361	370	378	386
349	360	369	377	385
348	359	368	376	384
347	358	367	375	383
346	357	366		

SENDAI, JAPAN

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1K GRID CELL: 54SWH0238 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

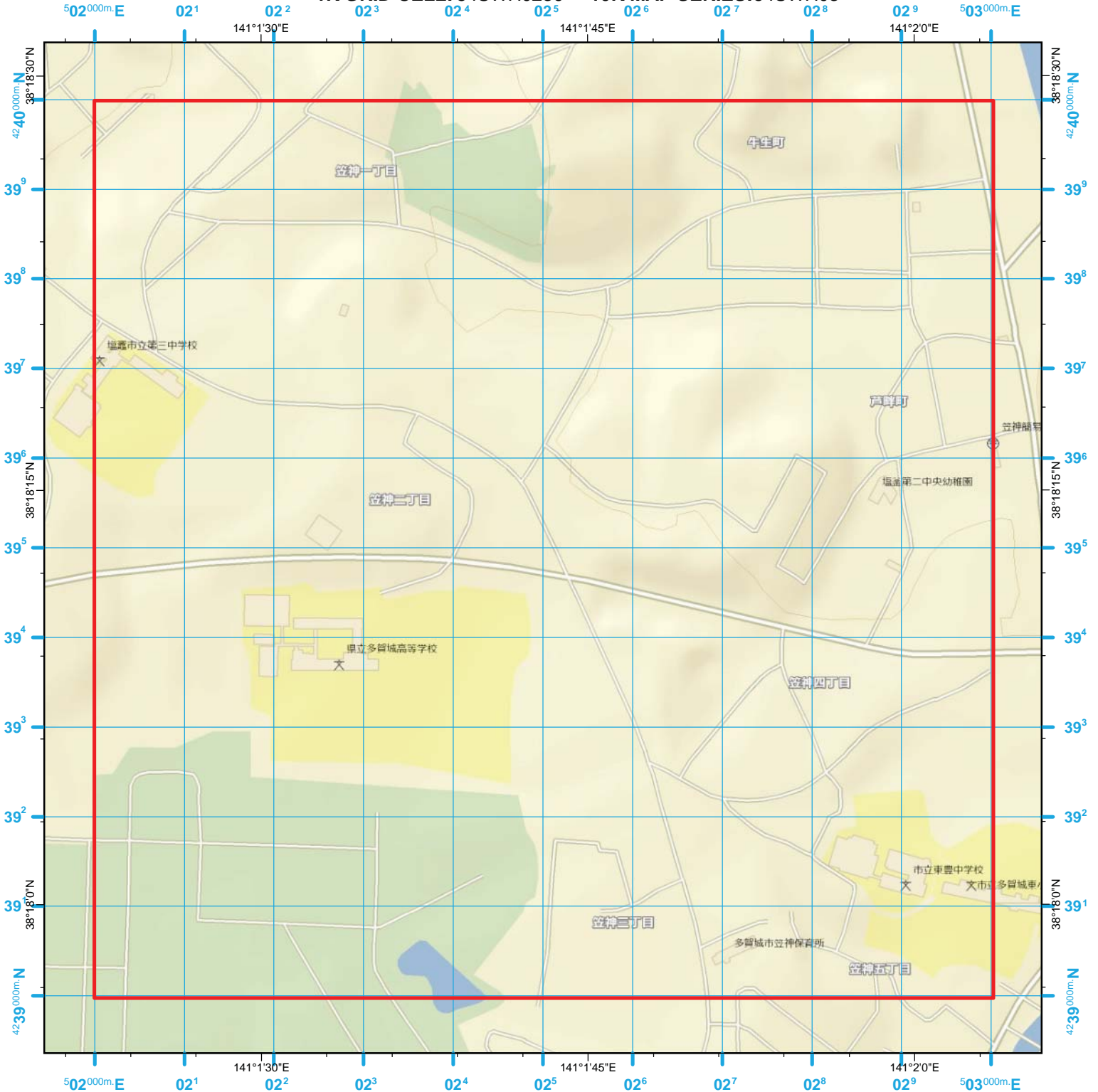
MAPSHEET 369 of 400

351	362	371	379	387
350	361	370	378	386
349	360	369	377	385
348	359	368	376	384
347	358	367	375	383

SENDAI, JAPAN

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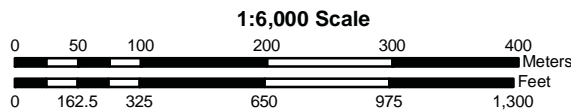
1K GRID CELL: 54SWH0239 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- 🏫 School



INDEX MAP

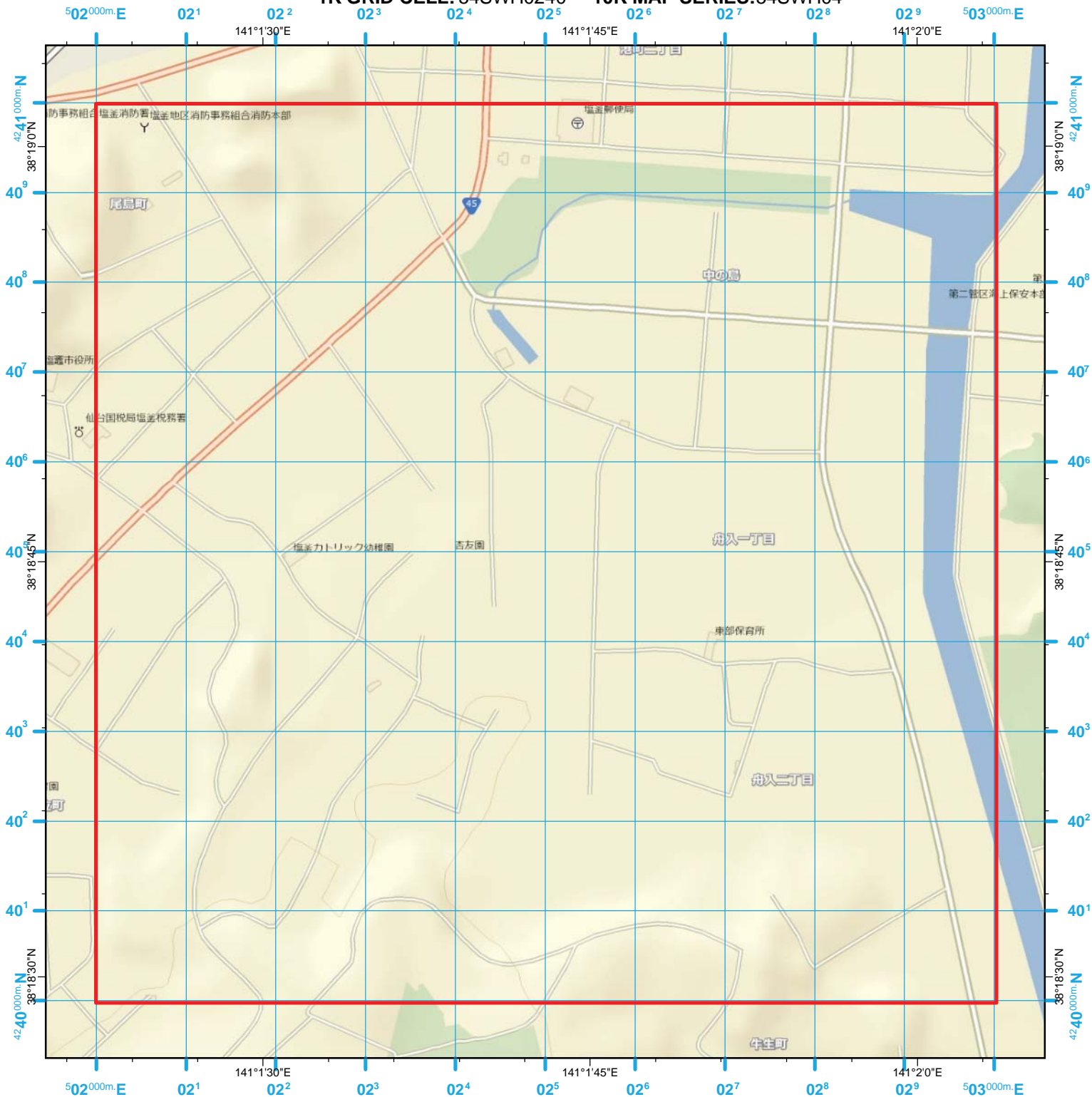
MAPSHEET 370 of 400

352	363	372	380
351	362	371	379
350	361	370	378
349	360	369	377
348	359	368	376

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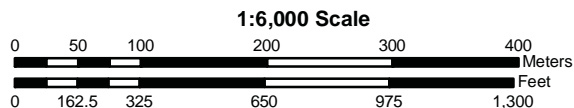
1K GRID CELL: 54SWH0240 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

*Not to be used for navigation.
 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

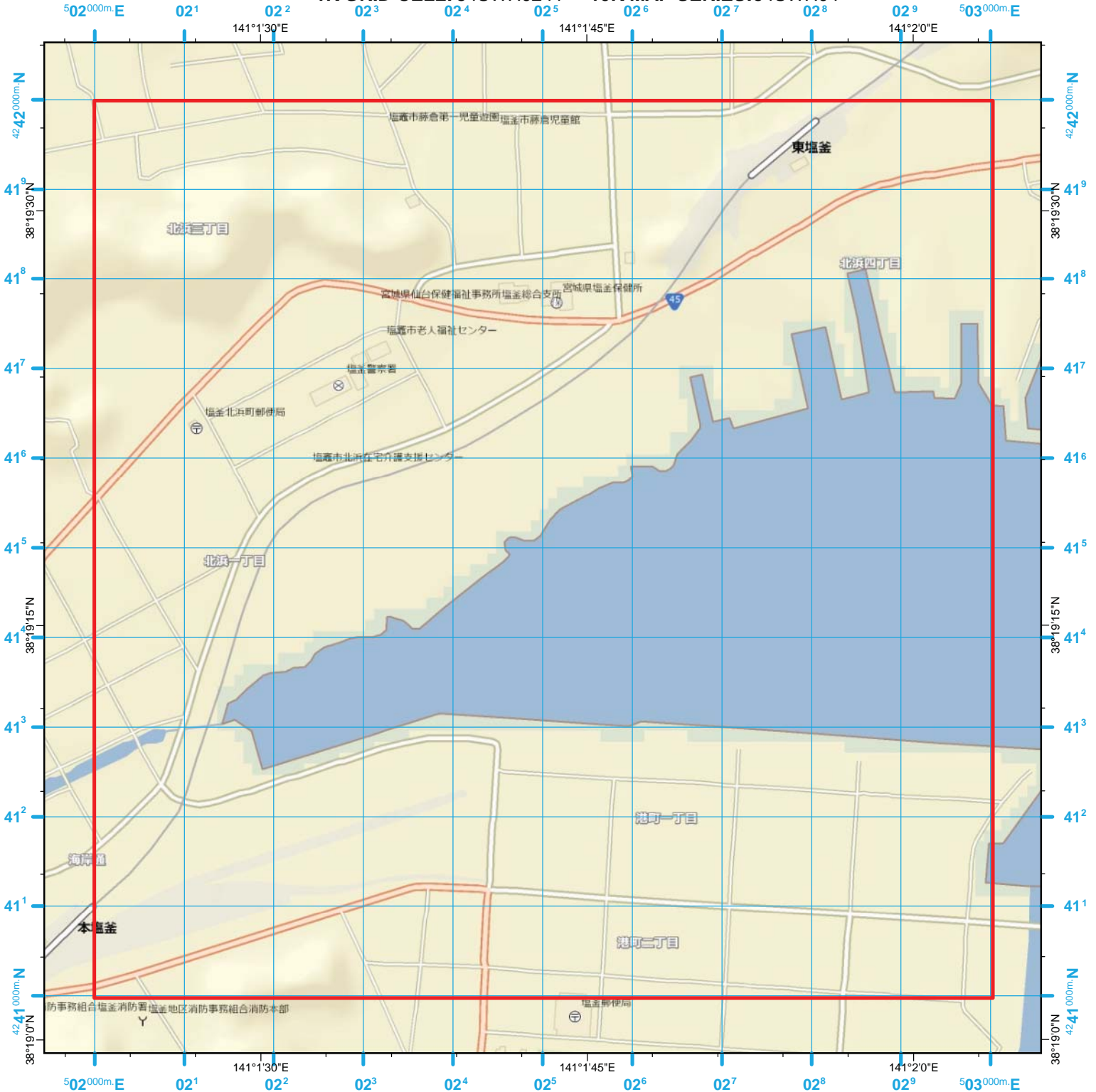
MAPSHEET 371 of 400

353	364	373	381	388
352	363	372	380	
351	362	371	379	387
350	361	370	378	386
349	360	369	377	385

SENDAI, JAPAN

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1K GRID CELL: 54SWH0241 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale

INDEX MAP

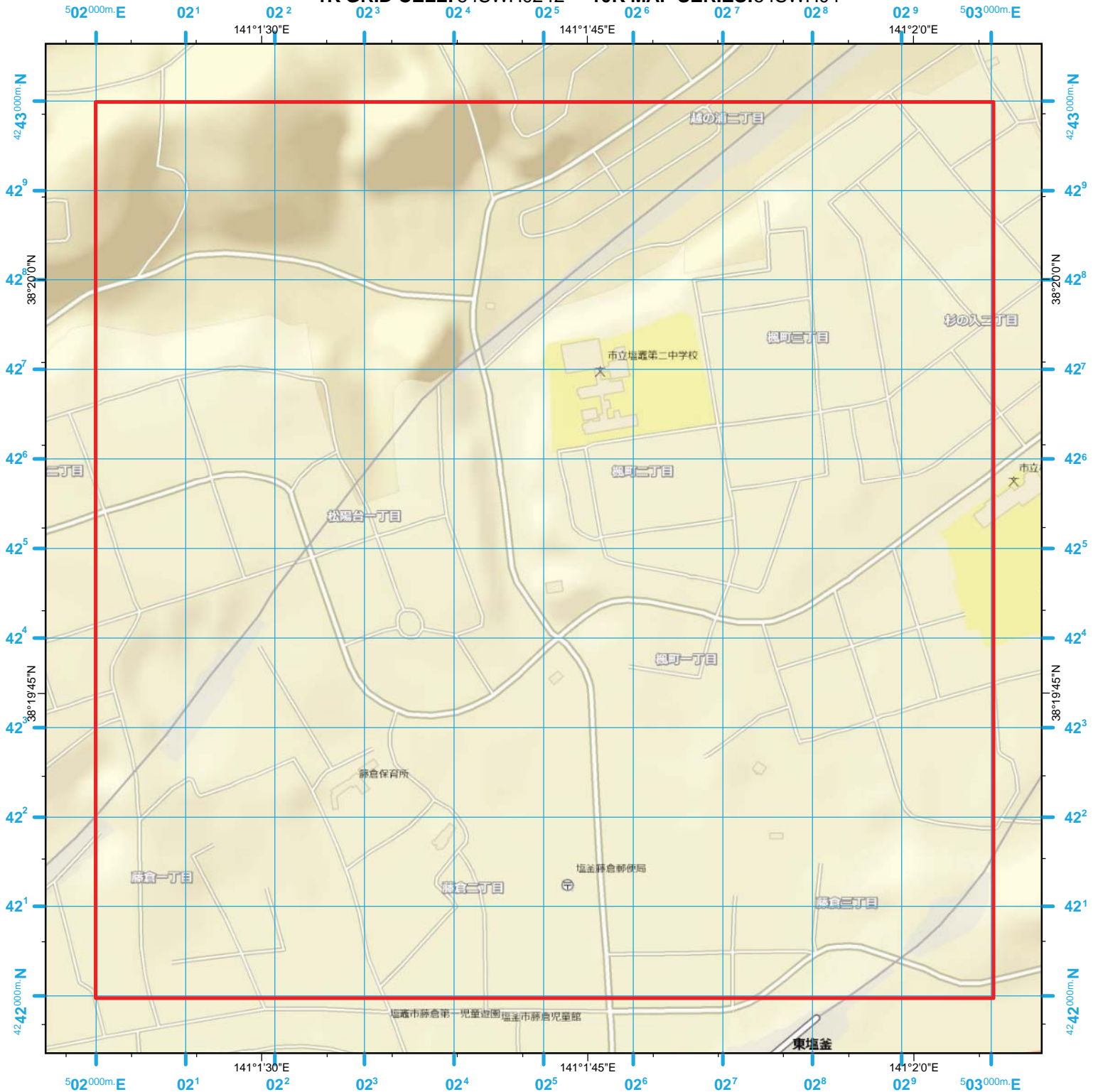
MAPSHEET 372 of 400



354	365	374	382	389
353	364	373	381	388
352	363	372	380	
351	362	371	379	387
350	361	370	378	386

SENDAI, JAPAN

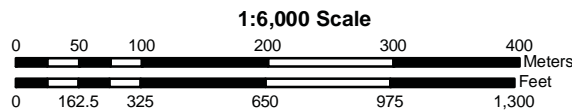
1K GRID CELL: 54SWH0242 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation

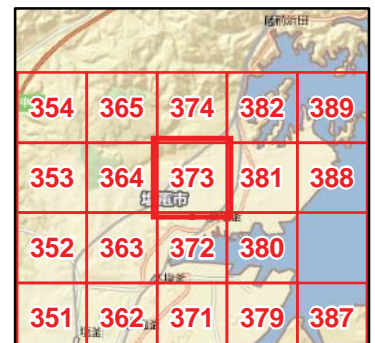


- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

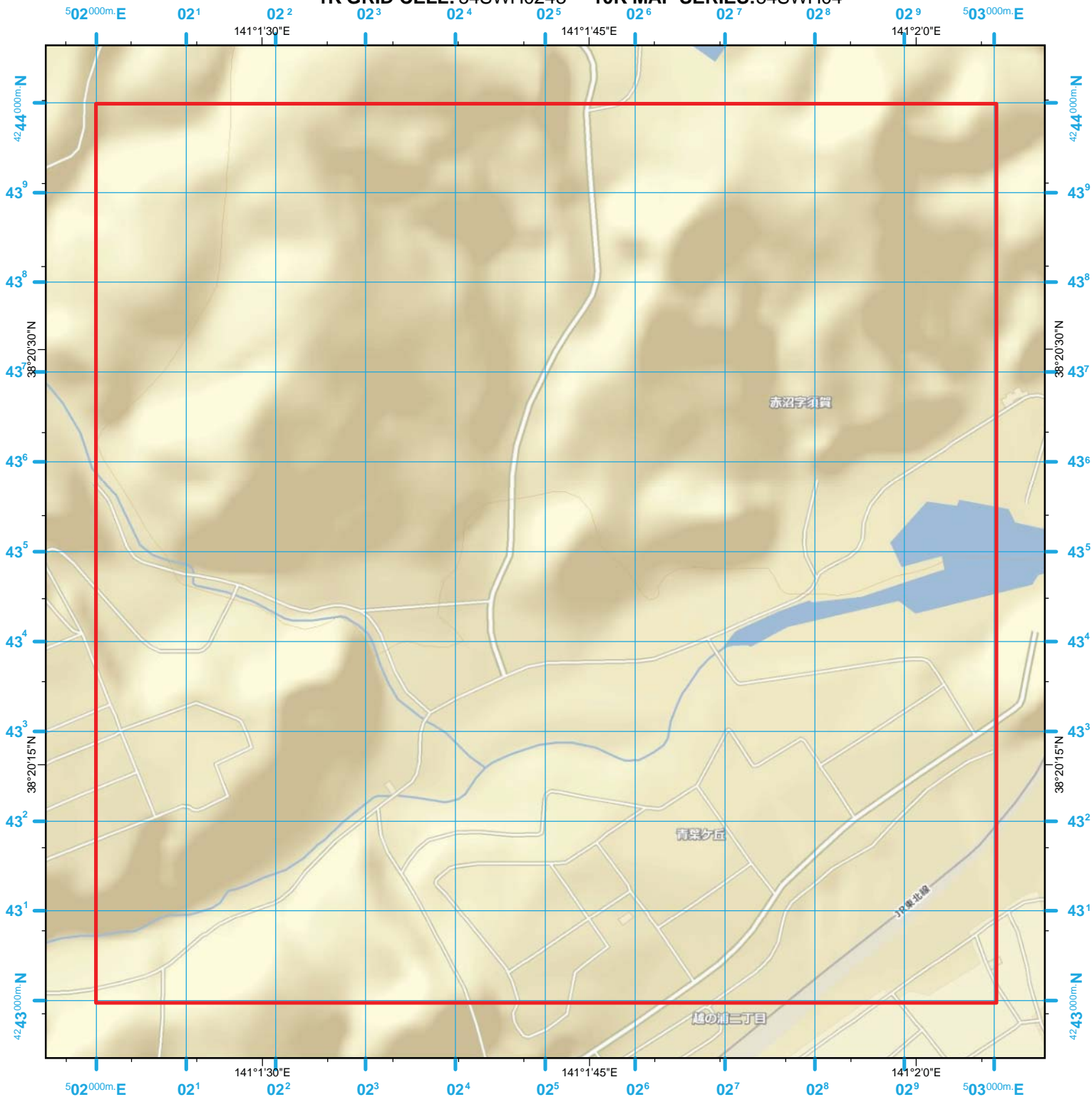
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1K GRID CELL: 54SWH0243 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation

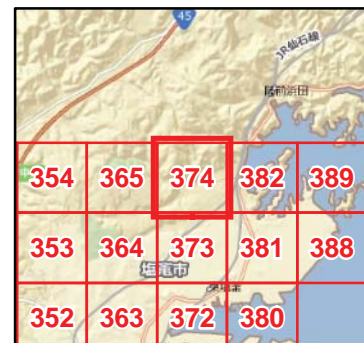


- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale

INDEX MAP

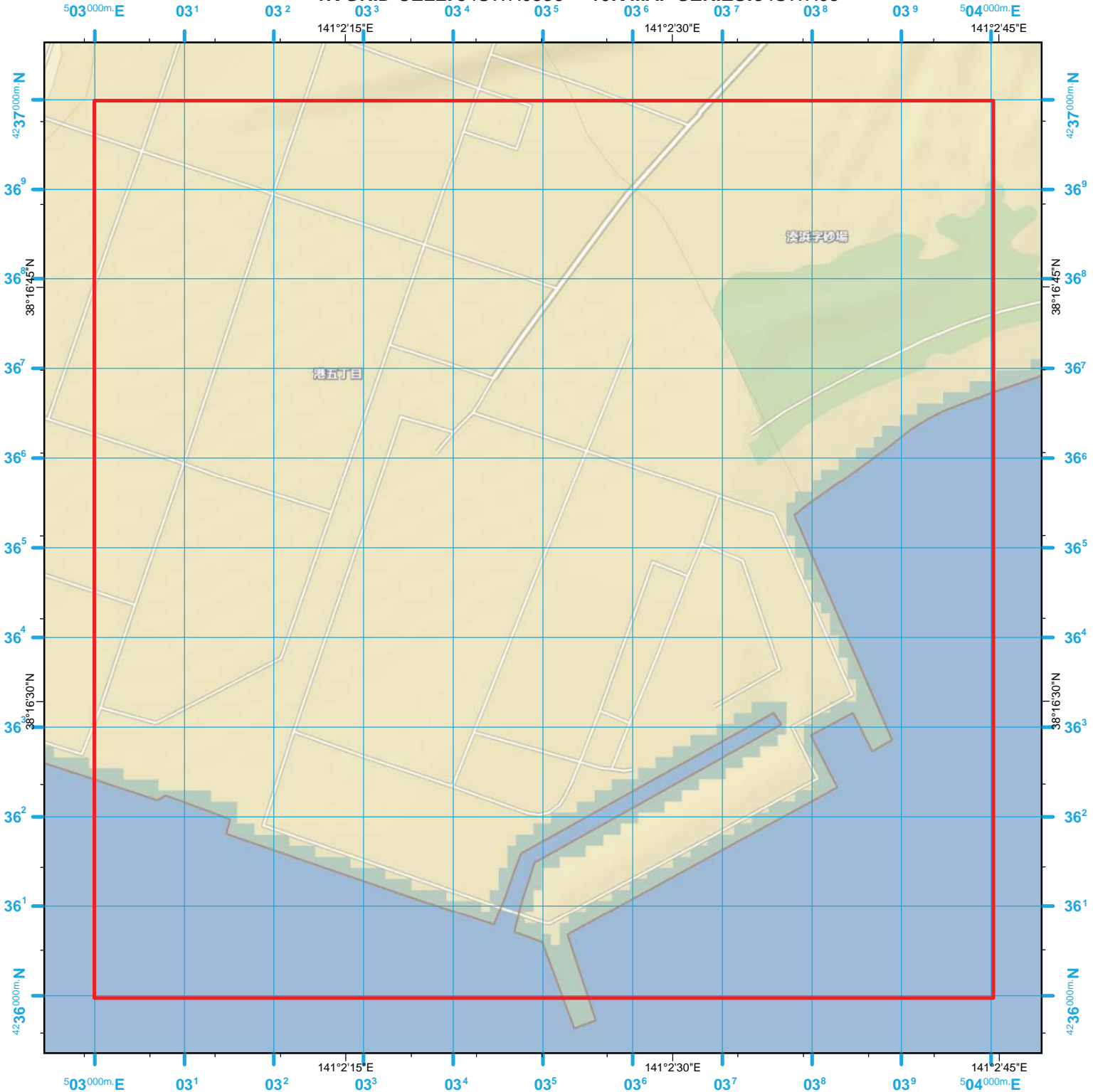
MAPSHEET 374 of 400



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1K GRID CELL: 54SWH0336 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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 (Open Street Map) (These are national level
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 purposes only.*

MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation

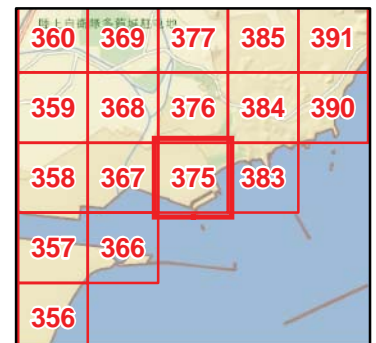


- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

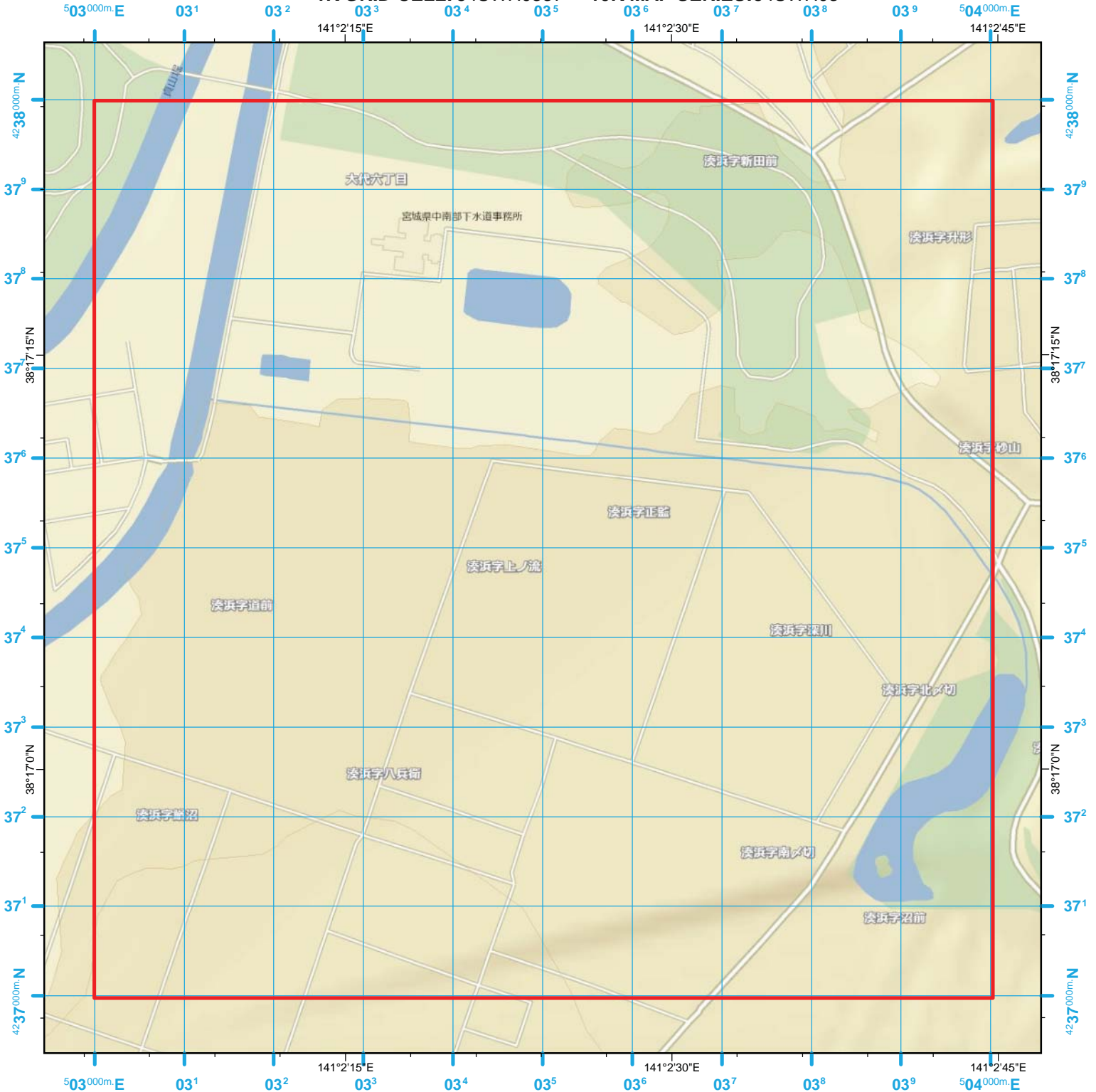
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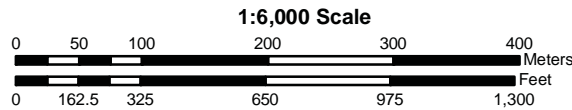
1K GRID CELL: 54SWH0337 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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 purposes only.*

MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

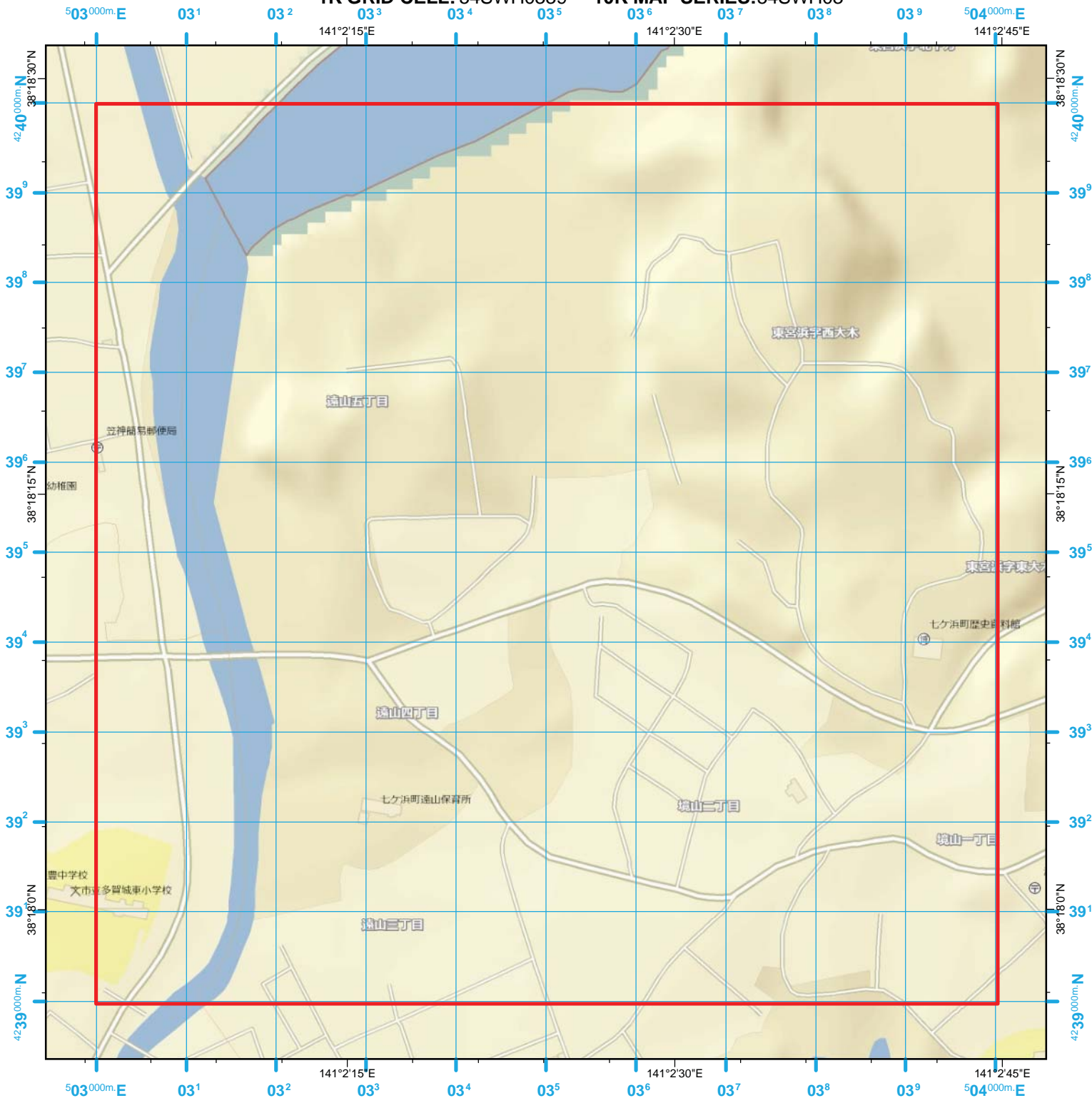
MAPSHEET 376 of 400

361	370	378	386	392
360	369	377	385	391
359	368	376	384	390
358	367	375	383	
357	366			

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1K GRID CELL: 54SWH0339 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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 purposes only.*

MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



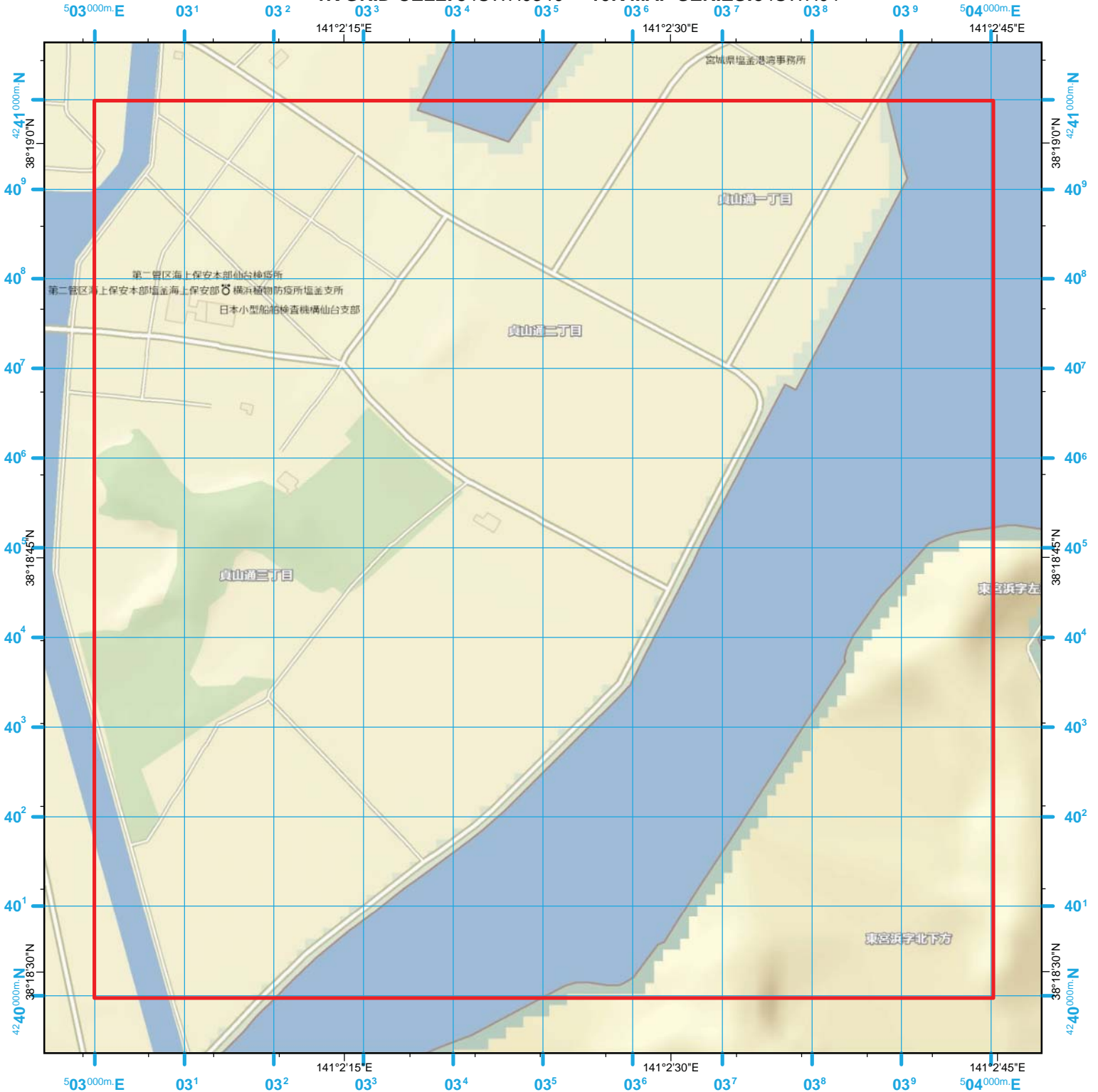
INDEX MAP

MAPSHEET 378 of 400

363	372	380	394
362	371	379	387
361	370	378	386
360	369	377	385
359	368	376	384
390	391	392	393

SENDAI, JAPAN

1K GRID CELL: 54SWH0340 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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 purposes only.*

MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

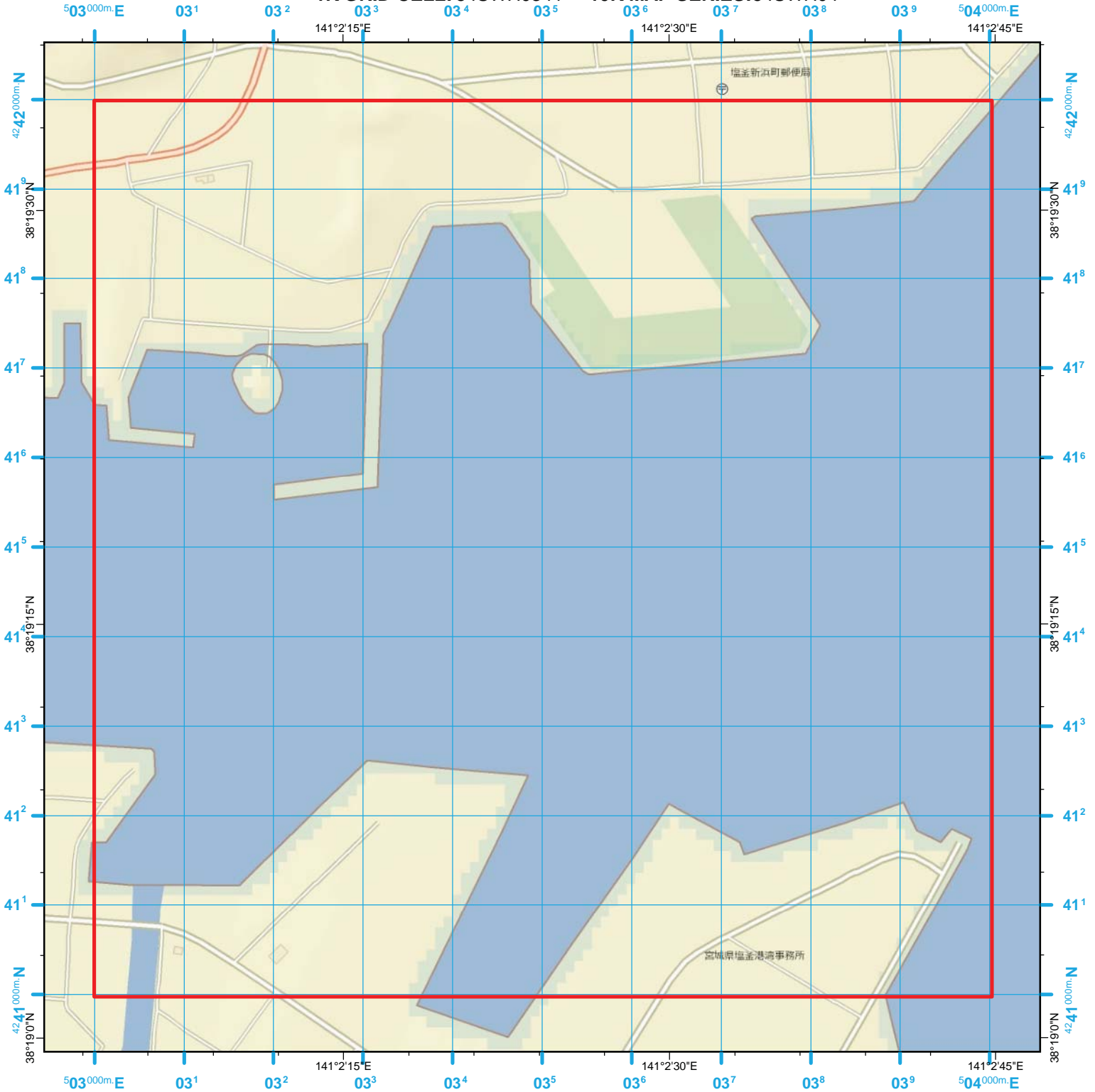
MAPSHEET 379 of 400

364	373	381	388
363	372	380	394
362	371	379	387
361	370	378	386
360	369	377	385

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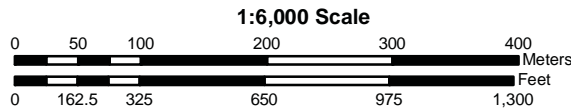
1K GRID CELL: 54SWH0341 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

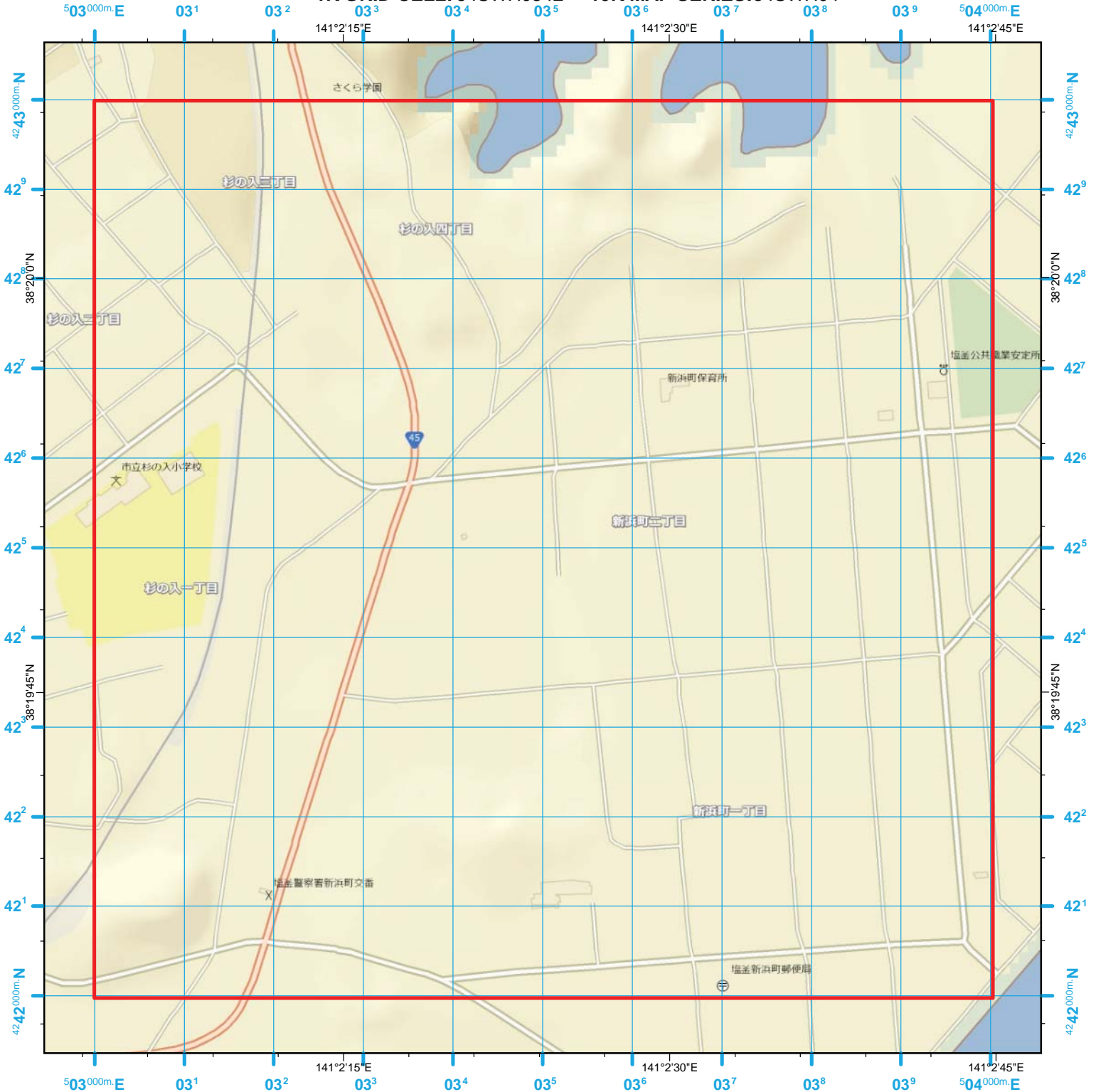
MAPSHEET 380 of 400

365	374	382	389
364	373	381	388
363	372	380	394
362	371	379	387
361	370	378	386
360	369	377	385

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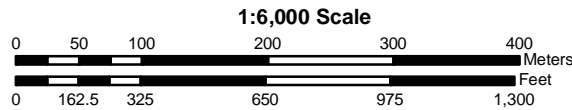
1K GRID CELL: 54SWH0342 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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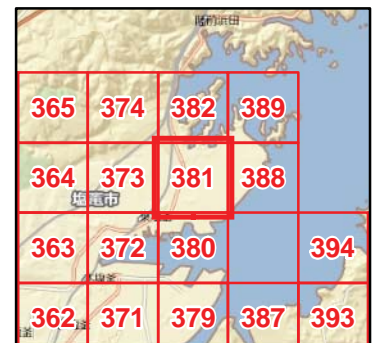
MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- Hospital
- Police
- School

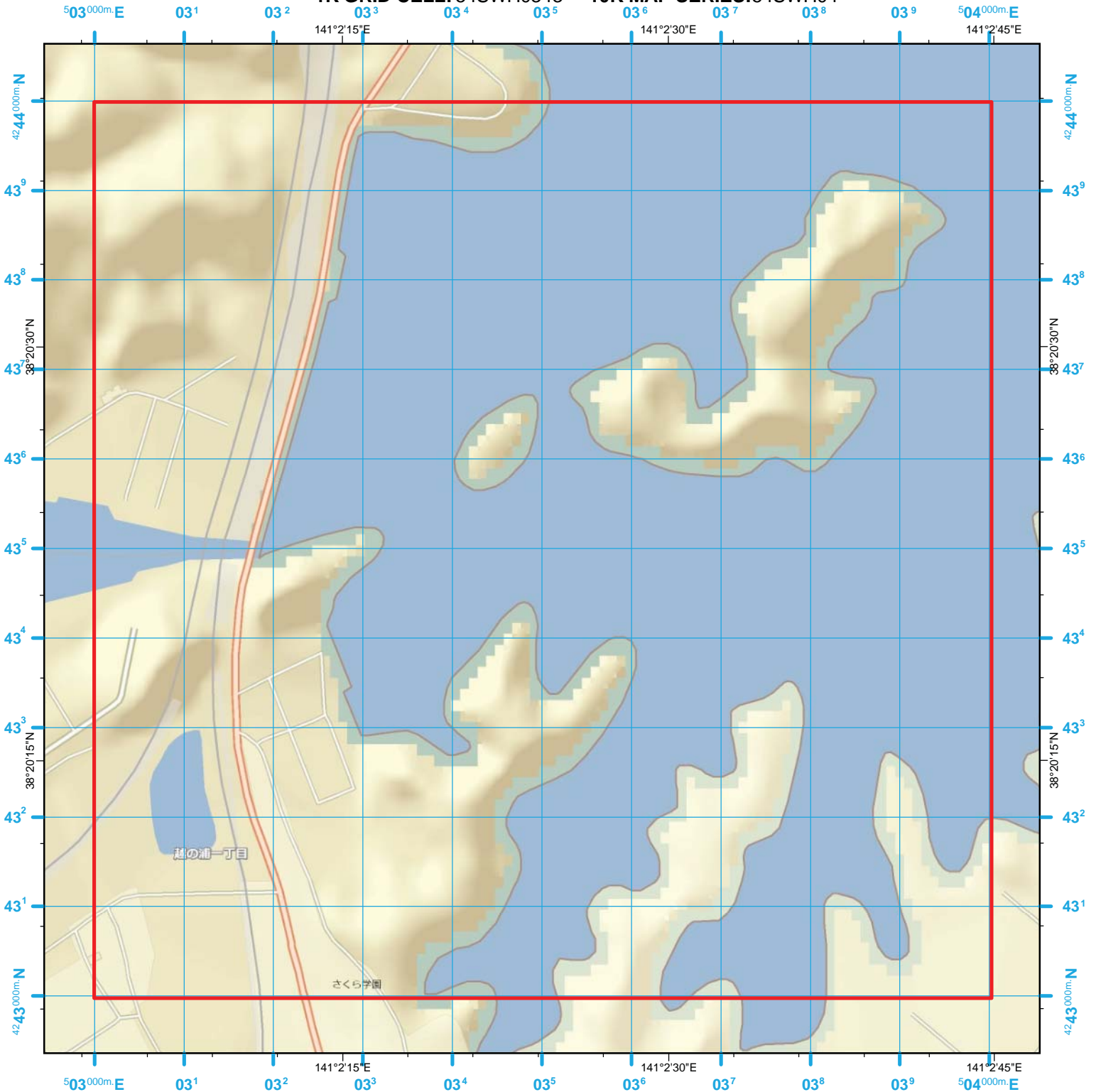
INDEX MAP

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1K GRID CELL: 54SWH0343 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation

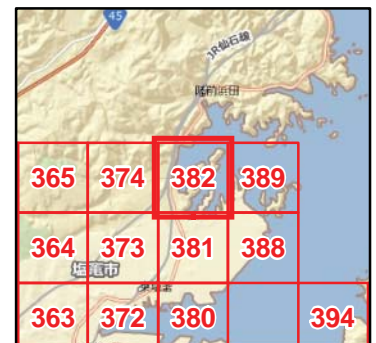


- Search Grid
- H Hospital
- P Police
- S School

1:6,000 Scale

INDEX MAP

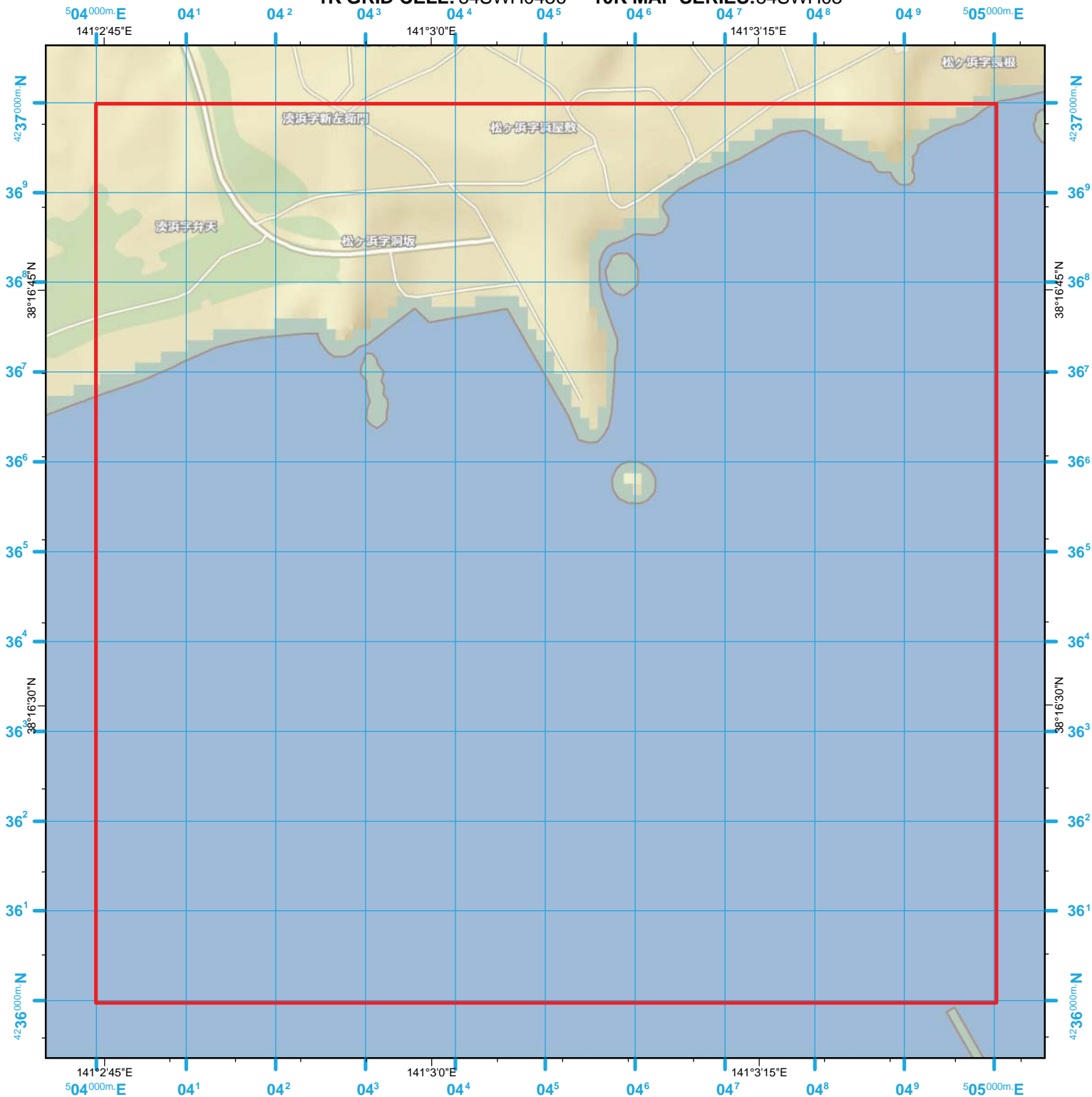
MAPSHEET 382 of 400



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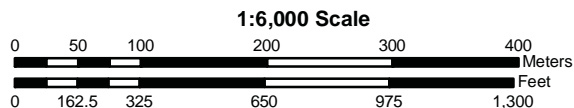
1K GRID CELL: 54SWH0436 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation

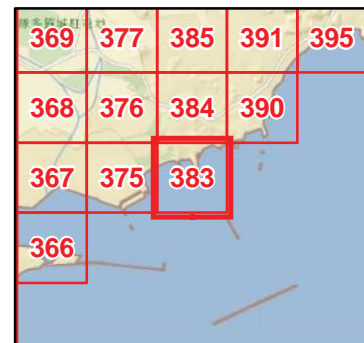


- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

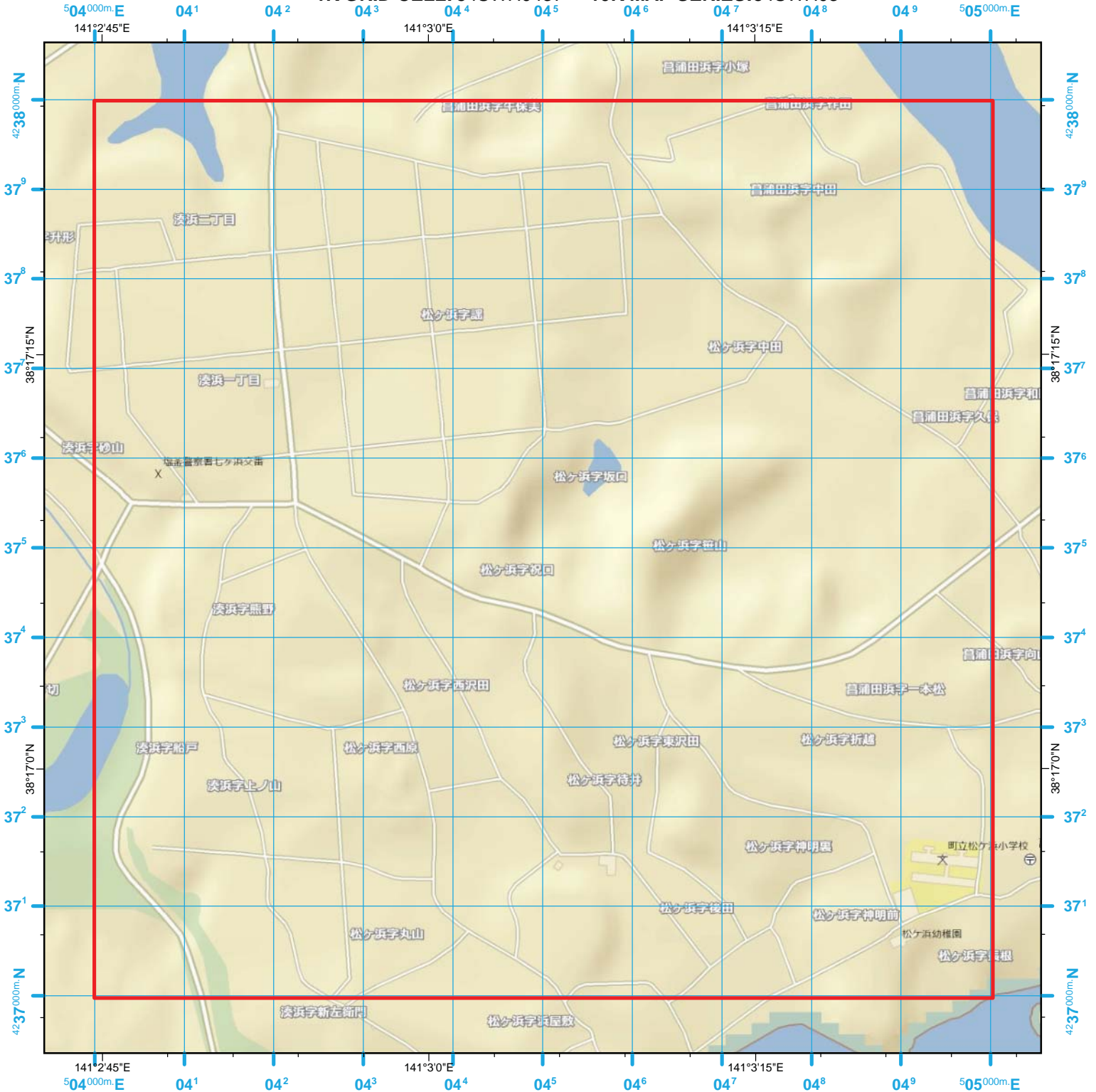
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SENDAI, JAPAN

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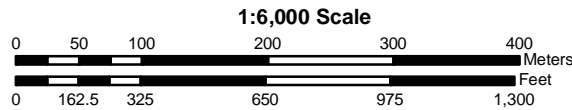
1K GRID CELL: 54SWH0437 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

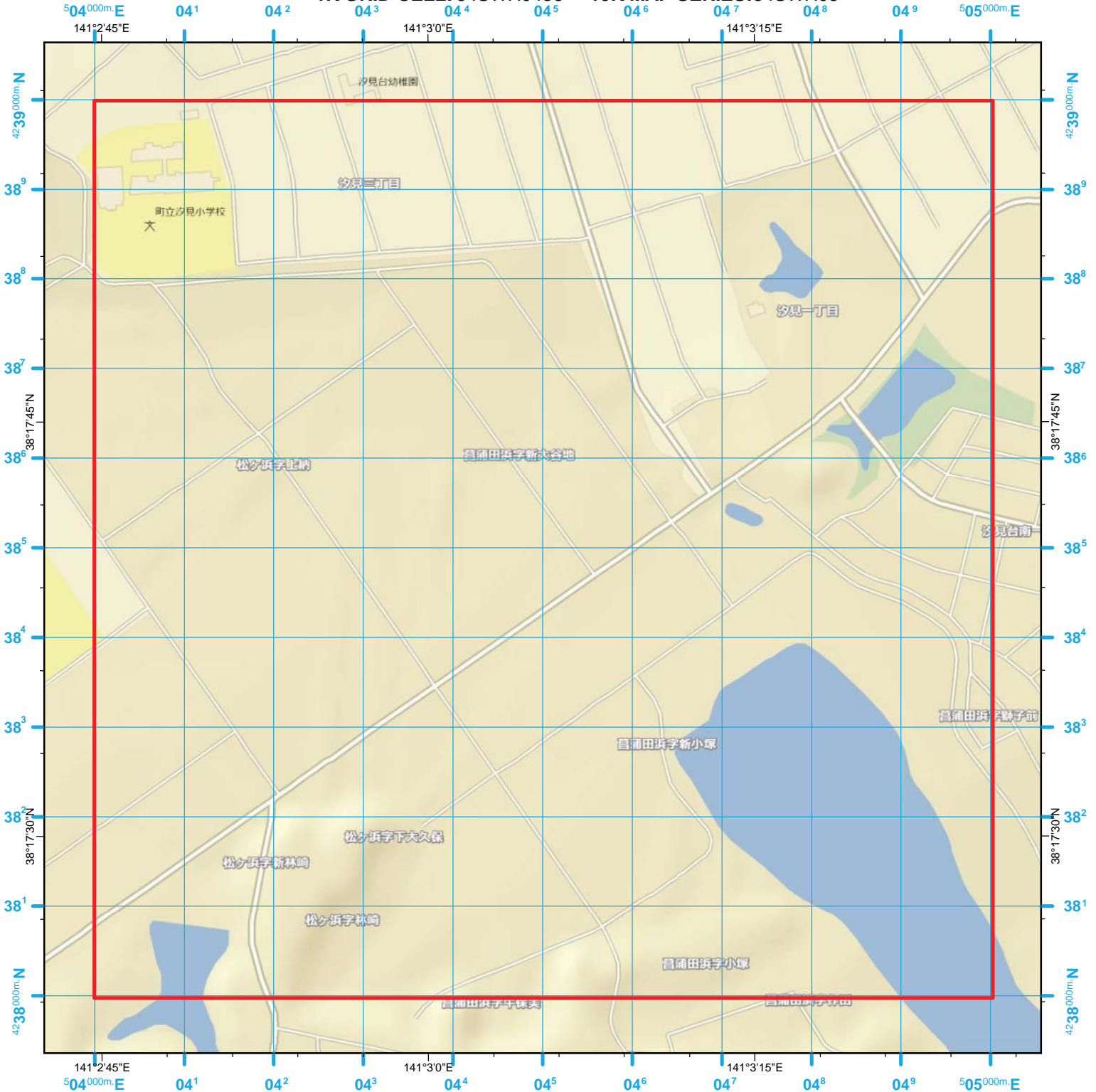
MAPSHEET 384 of 400

370	378	386	392	396
369	377	385	391	395
368	376	384	390	
367	375	383		
366				

SENDAI, JAPAN

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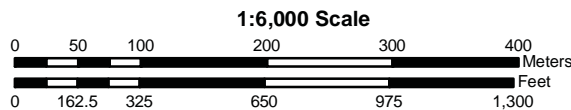
1K GRID CELL: 54SWH0438 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

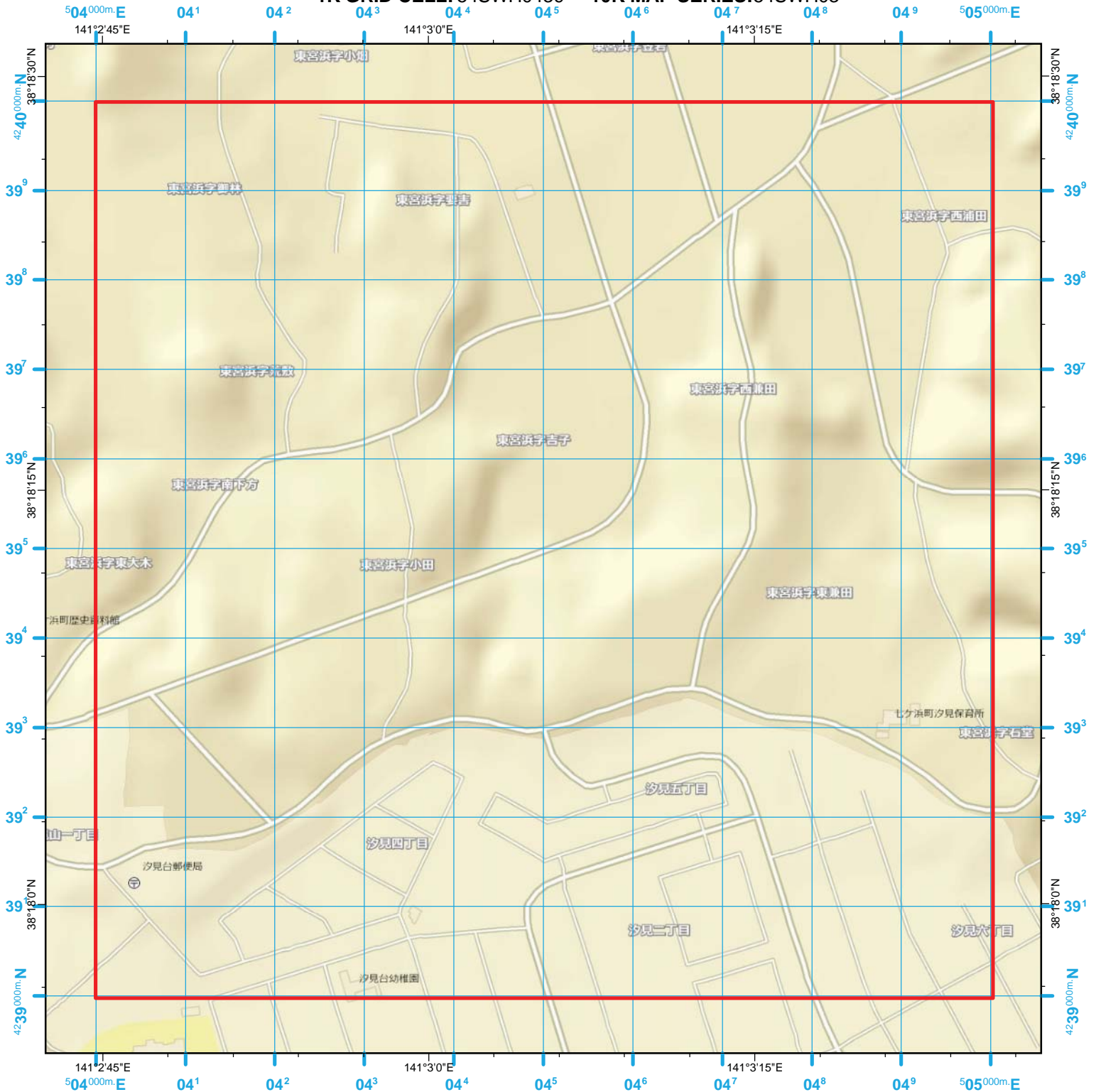
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371	379	387	393	397
370	378	386	392	396
369	377	385	391	395
368	376	384	390	
367	375	383		

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1K GRID CELL: 54SWH0439 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

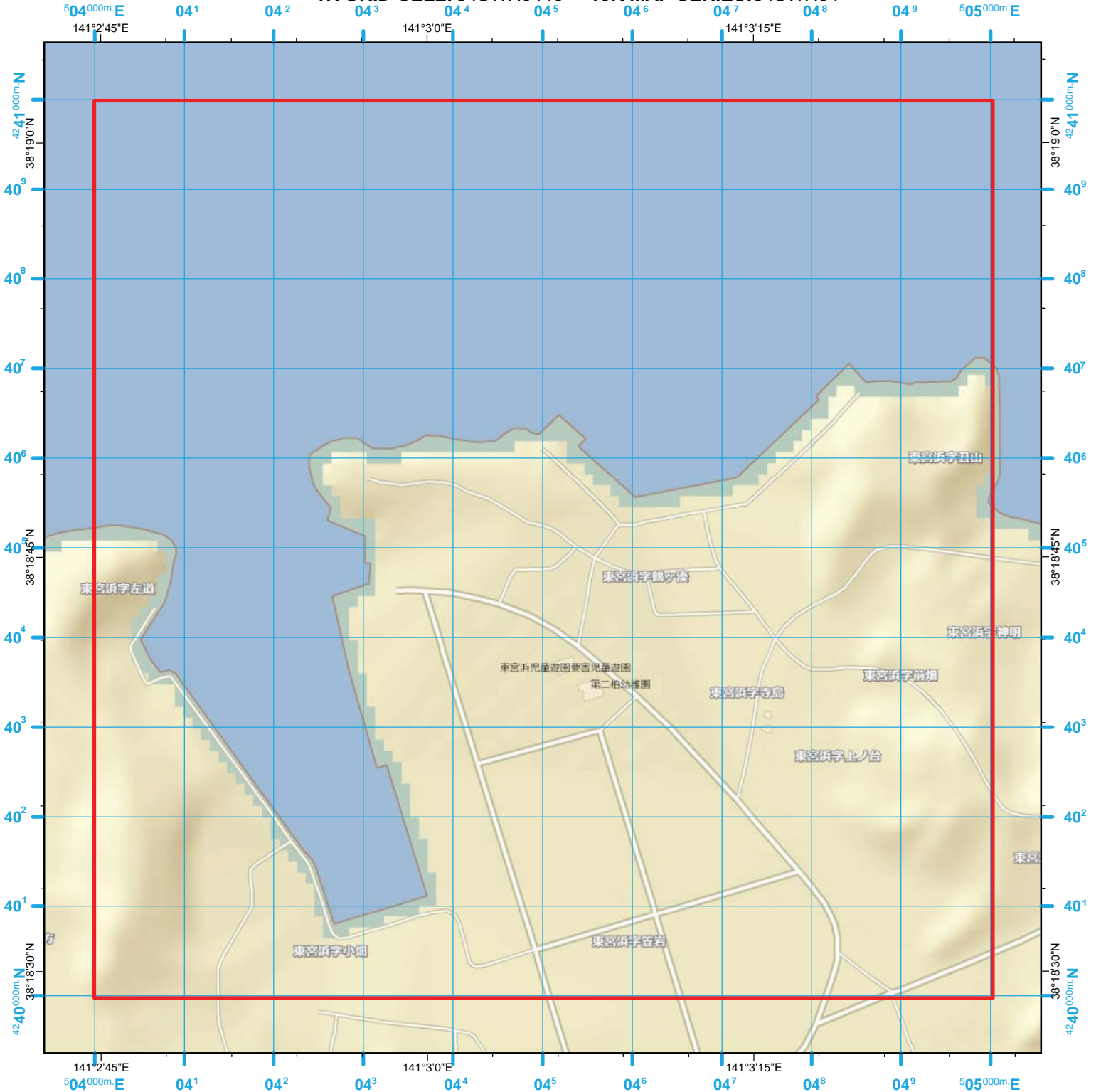
MAPSHEET 386 of 400

372	380	394	398
371	379	387	393
370	378	386	392
369	377	385	391
368	376	384	390

SENDAI, JAPAN

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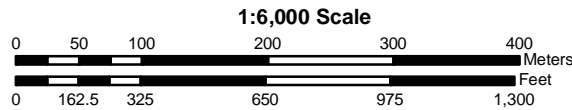
1K GRID CELL: 54SWH0440 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation

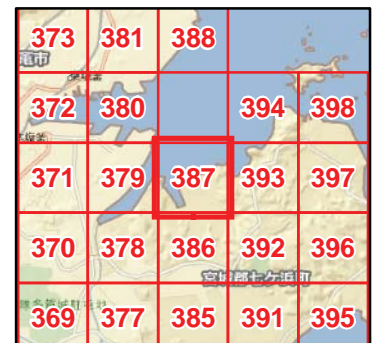


- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

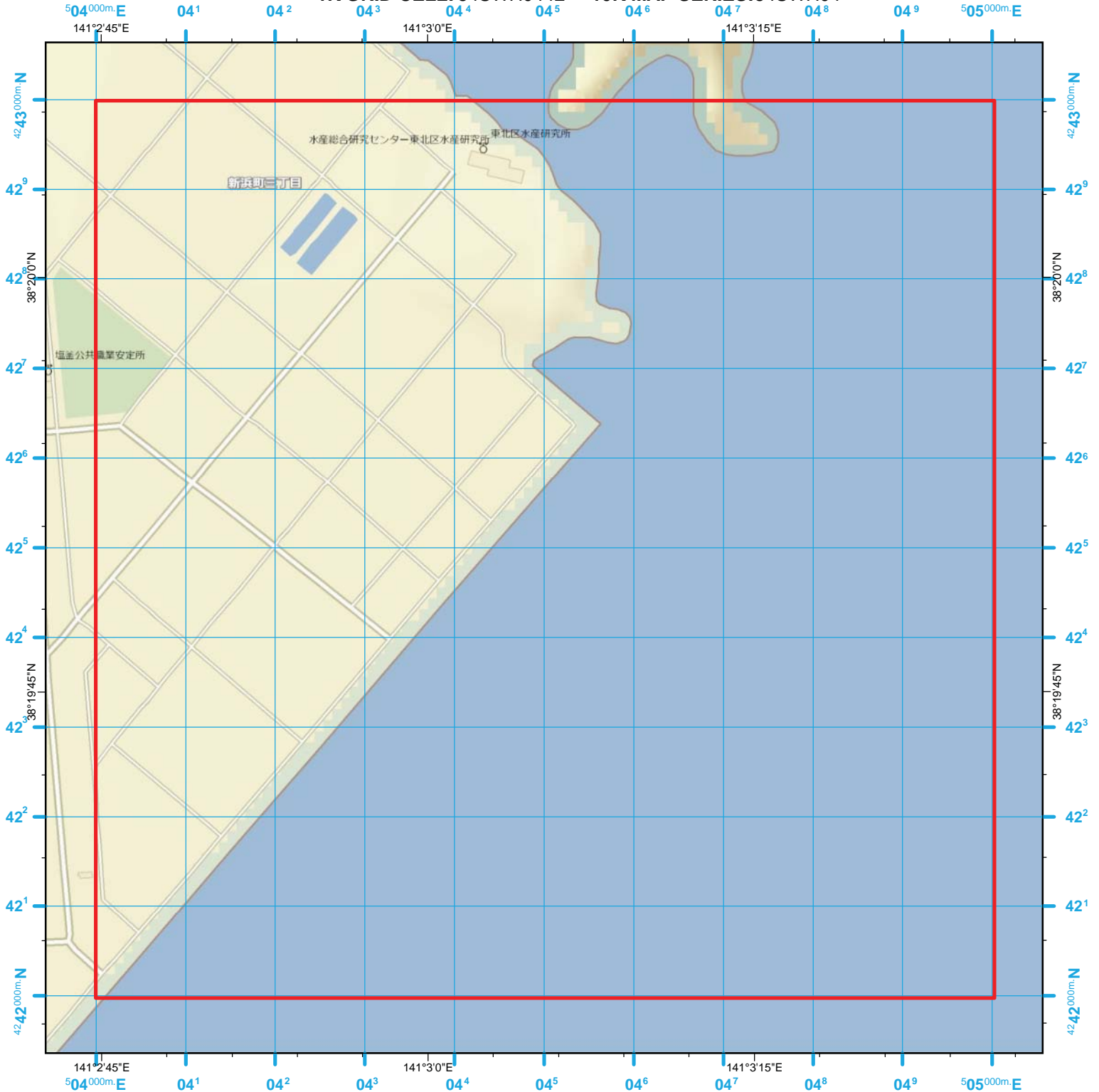
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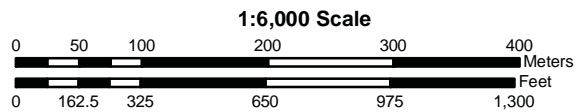
1K GRID CELL: 54SWH0442 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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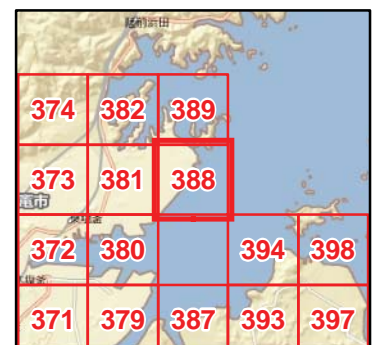
MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- School

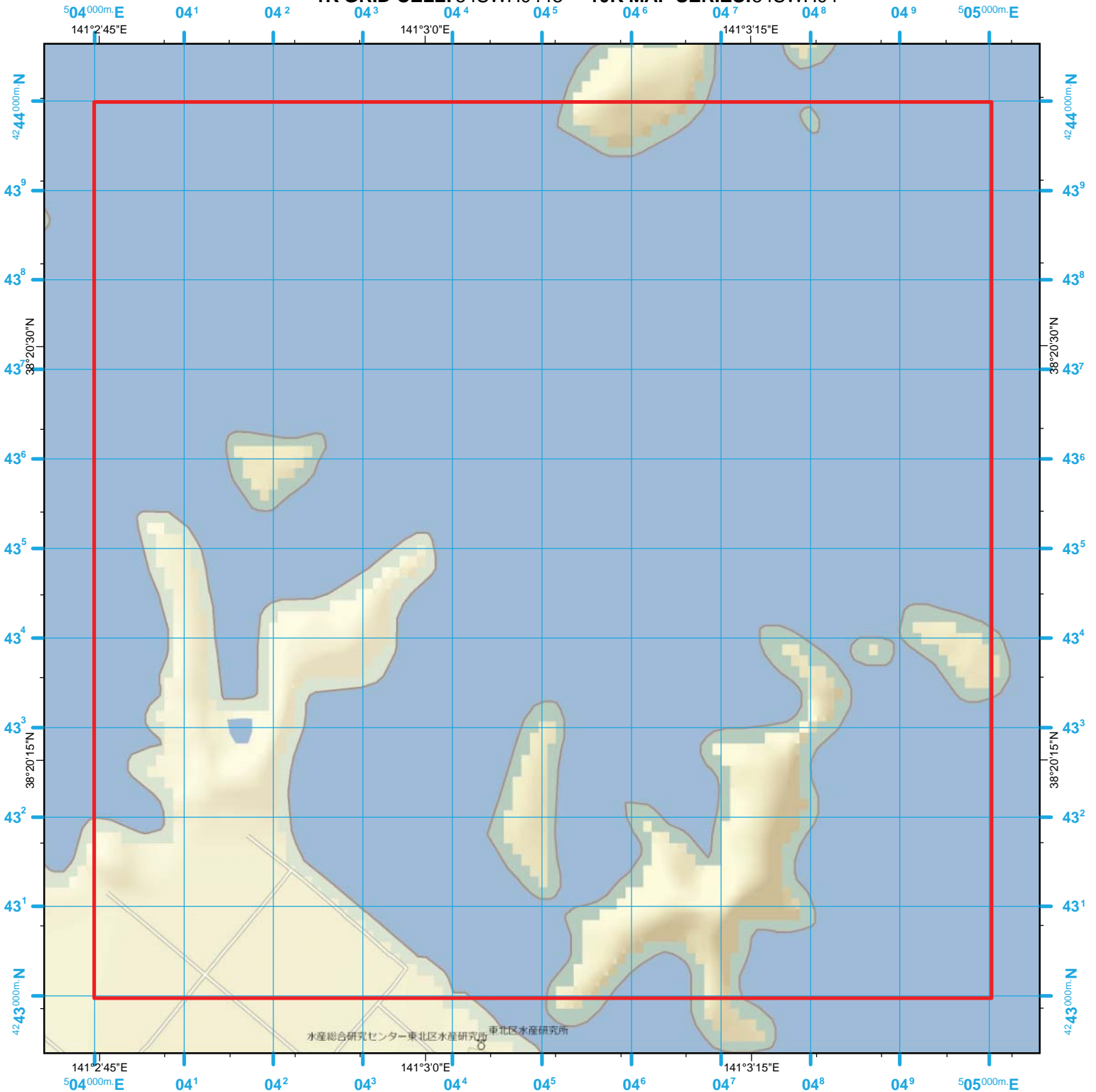


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1K GRID CELL: 54SWH0443 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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 (Open Street Map) (These are national level
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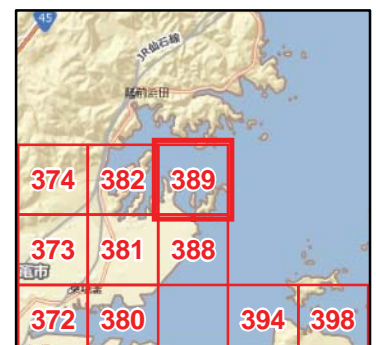
MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- 🏫 School



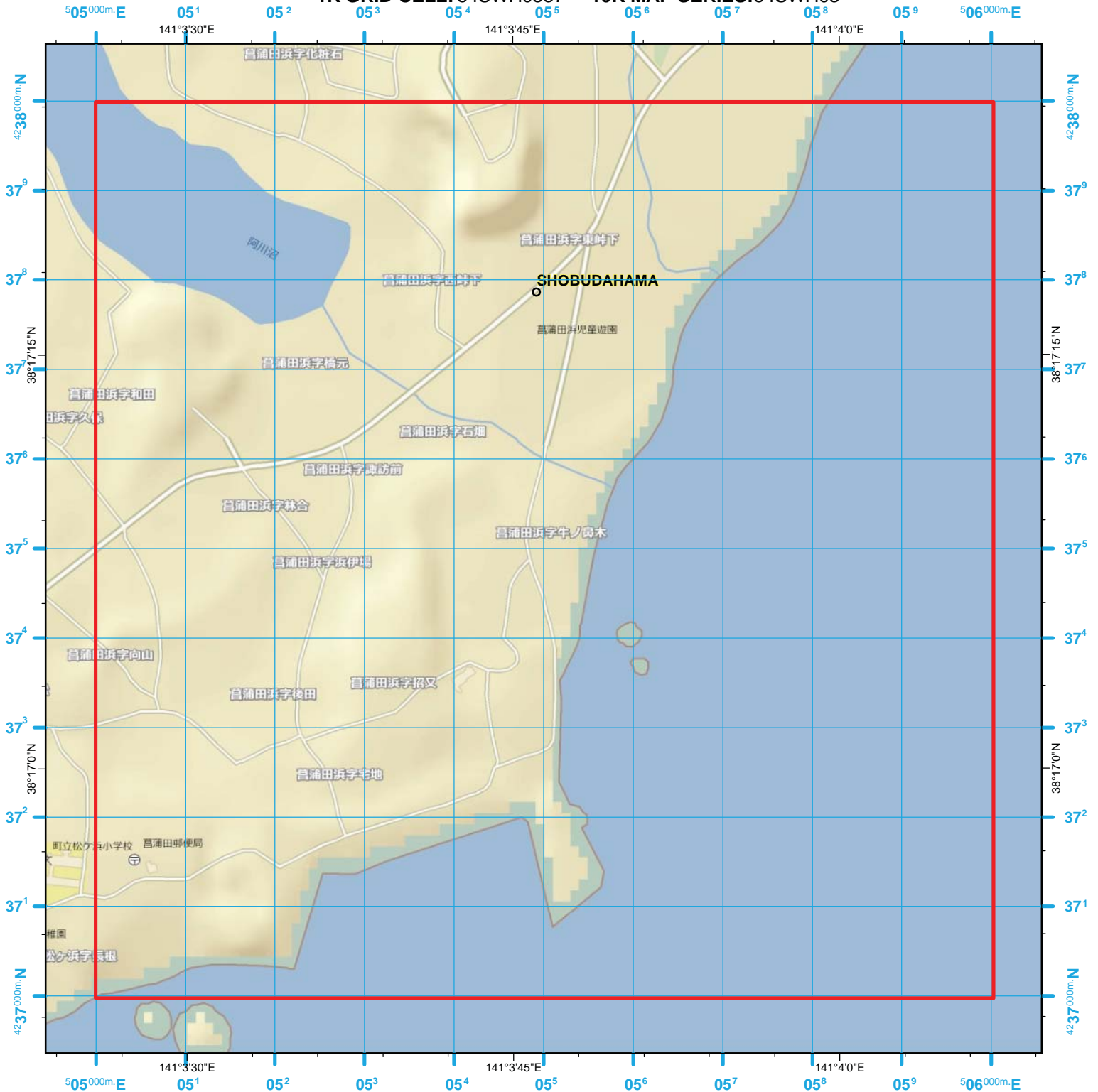
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1K GRID CELL: 54SWH0537 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

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 purposes only.*

MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation

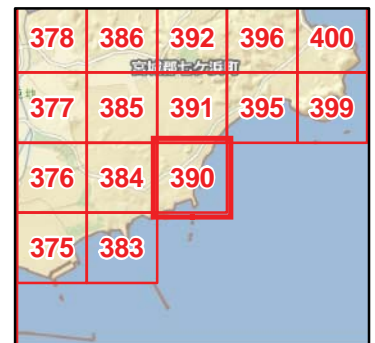


- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

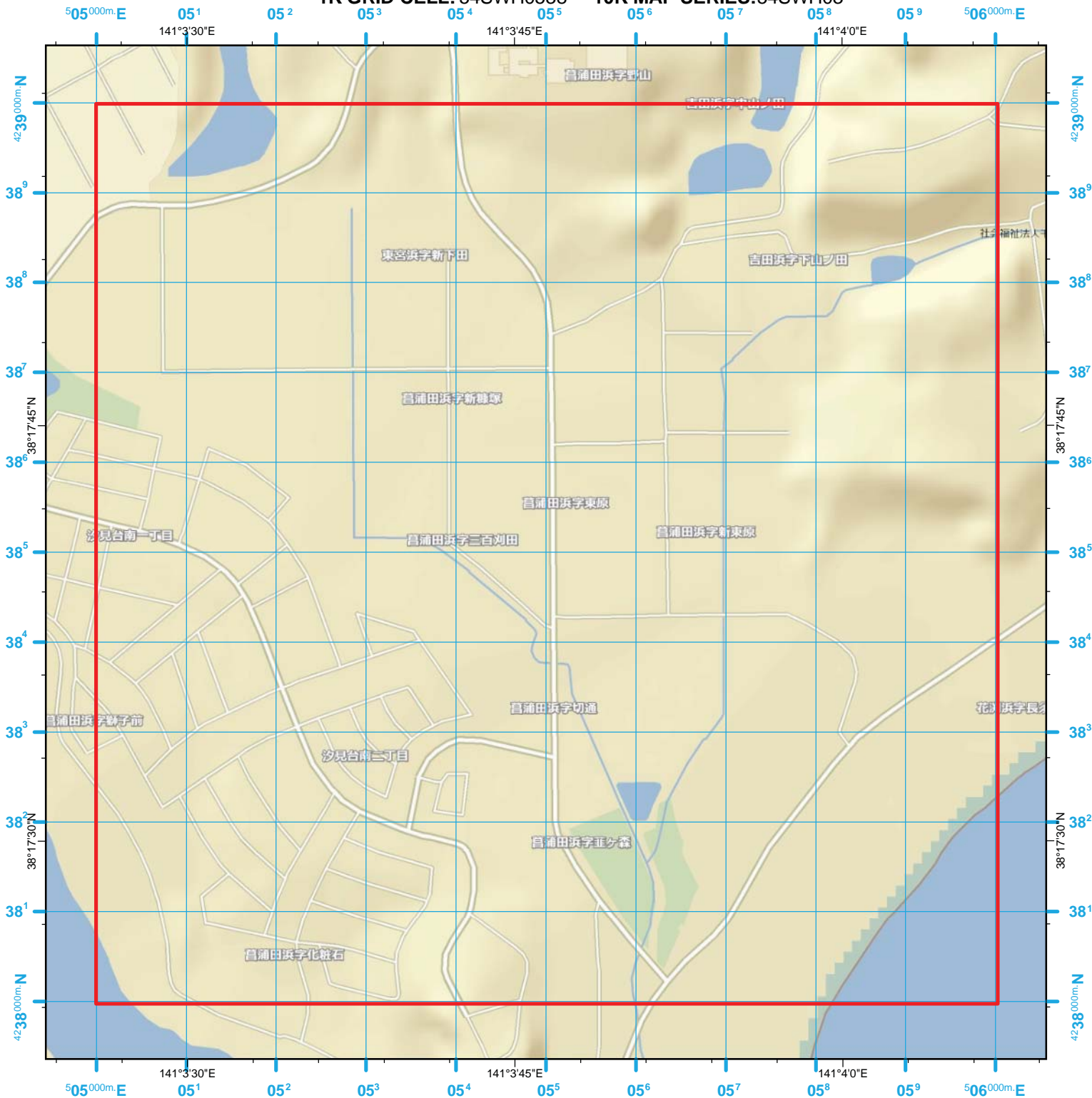
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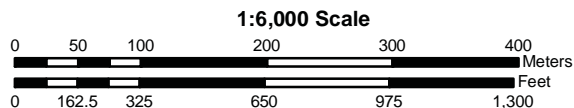
1K GRID CELL: 54SWH0538 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
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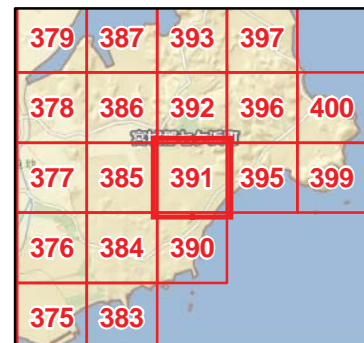
MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



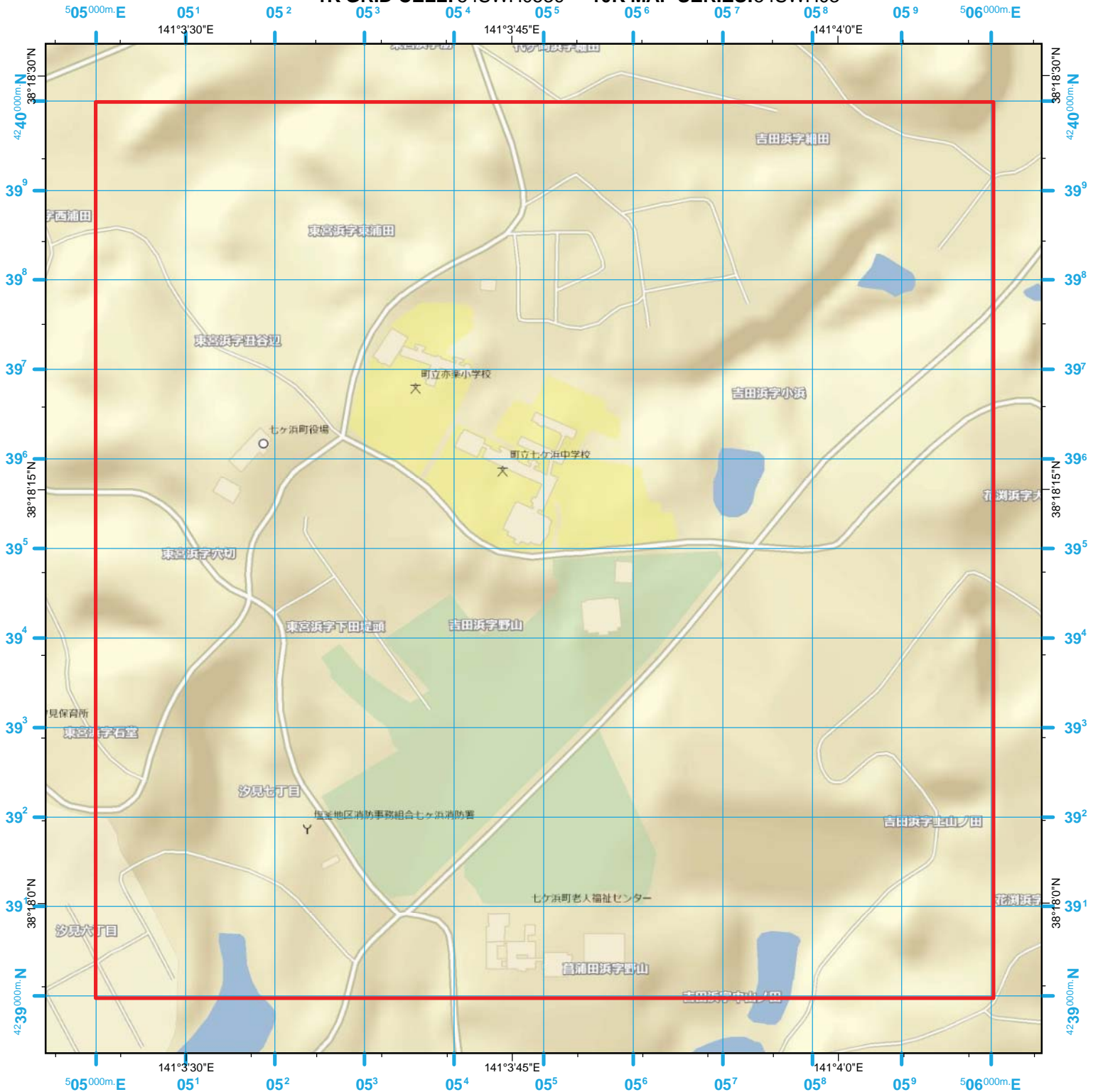
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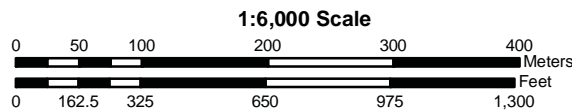
1K GRID CELL: 54SWH0539 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
 Map / Vector Data Source: Map data ©OSM CC-BY-SA
 (Open Street Map) (These are national level
 assets and cannot be verified accurate at the local level.)

*Not to be used for navigation.
 For information and planning
 purposes only.*

MGRS
100,000-m Square Grid
WH
54S
Grid Zone Designation



- Search Grid
- H Hospital
- P Police
- S School



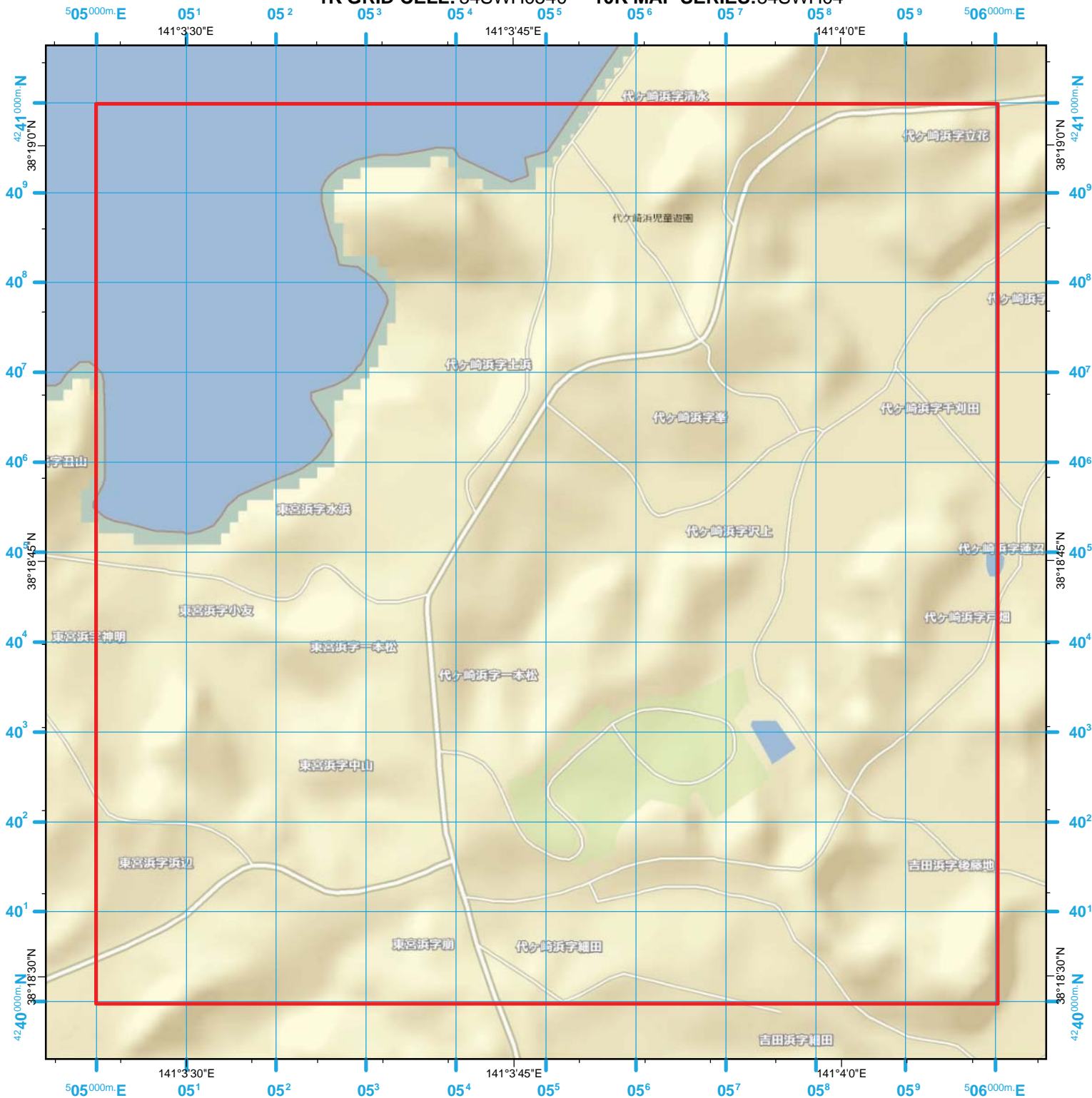
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380	394	398	
379	387	393	397
378	386	392	396
377	385	391	395
376	384	390	

SENDAI, JAPAN

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1K GRID CELL: 54SWH0540 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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54S
Grid Zone Designation

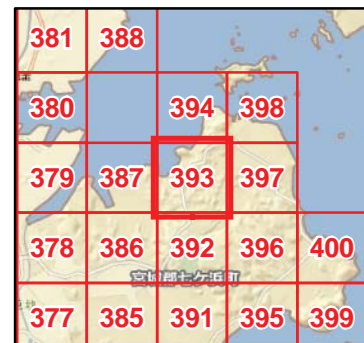


- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

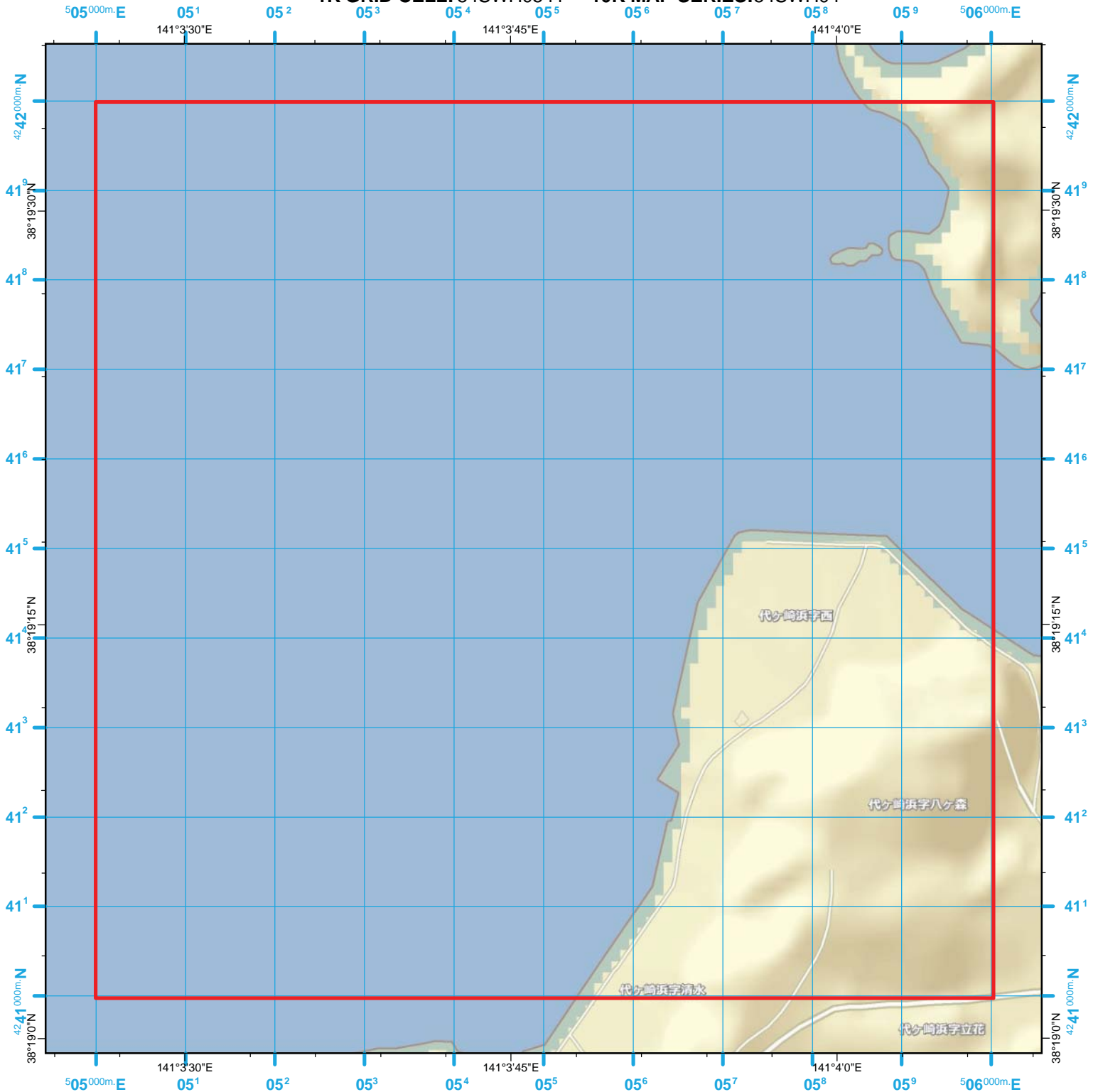
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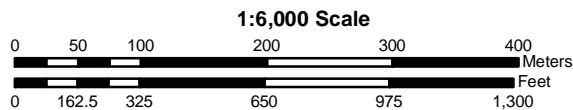
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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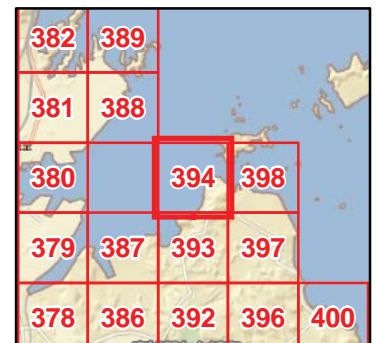


- Search Grid
- H Hospital
- P Police
- S School



INDEX MAP

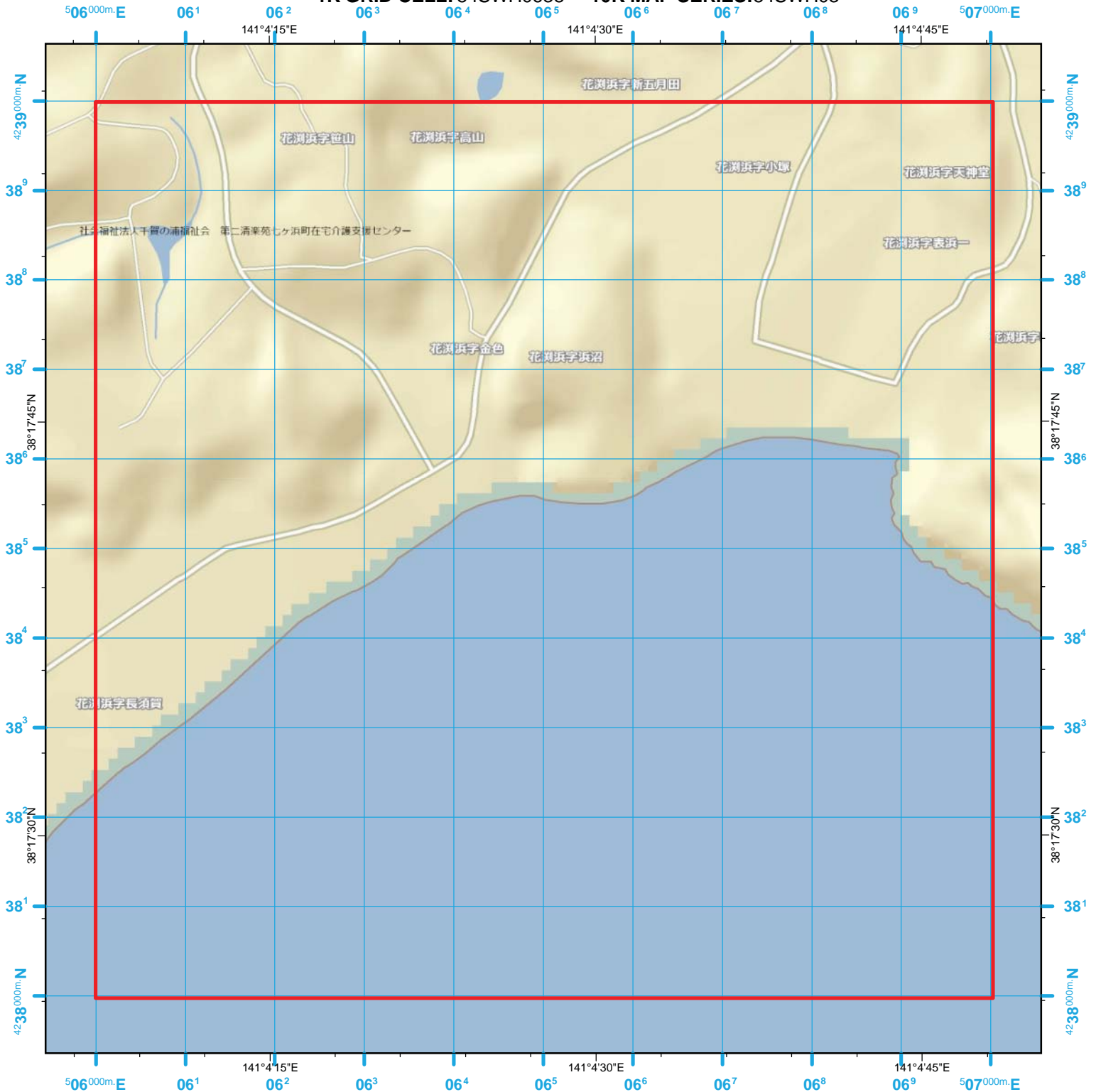
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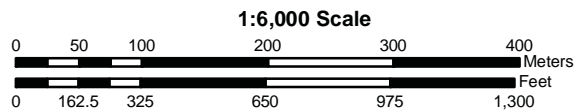
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1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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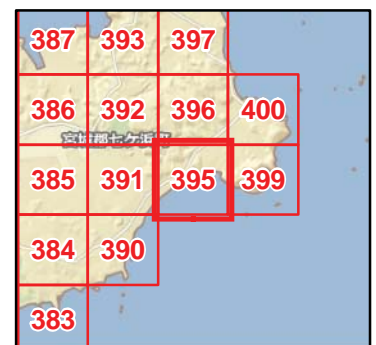


- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

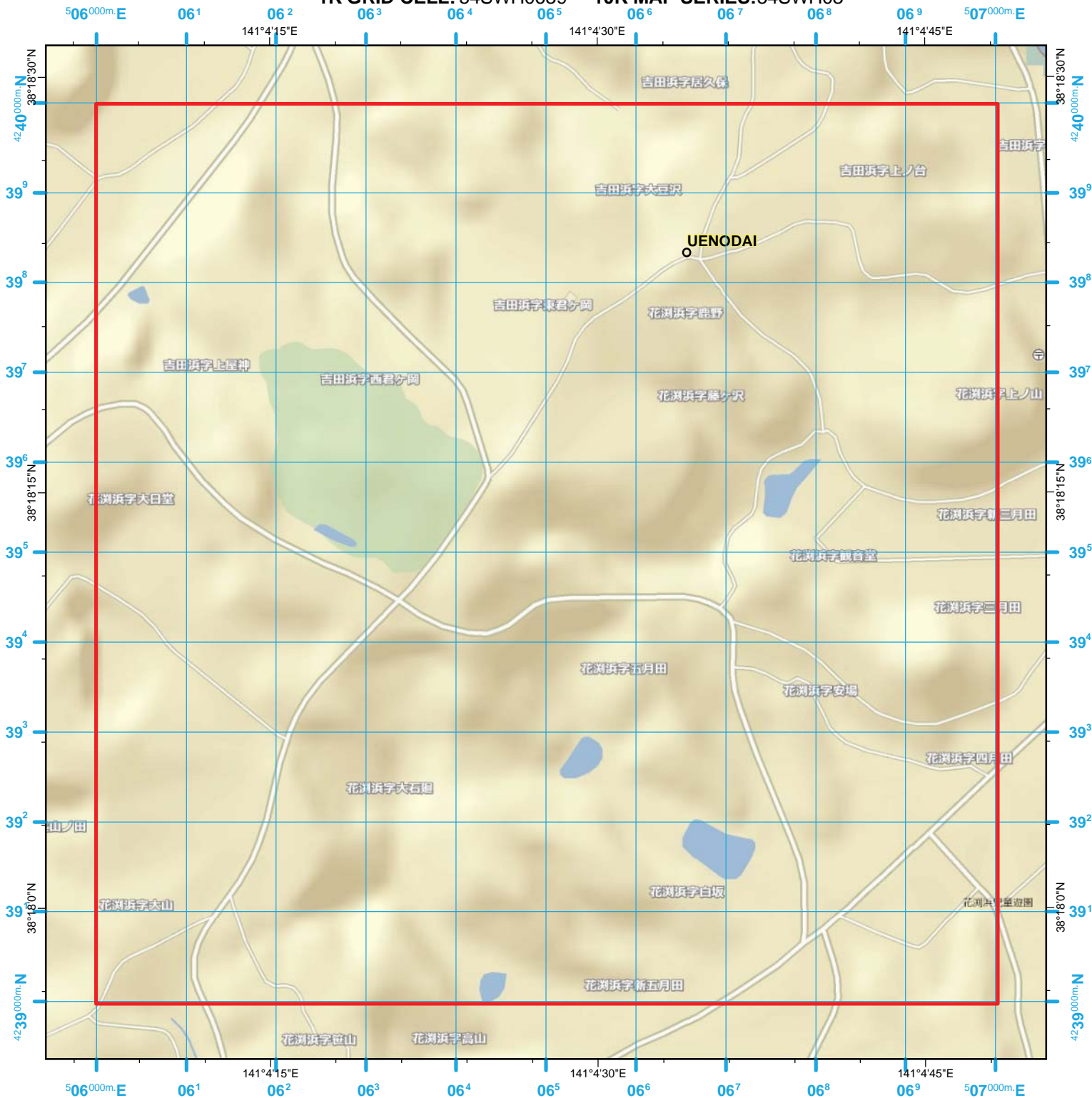
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1K GRID CELL: 54SWH0639 10K MAP SERIES: 54SWH03



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
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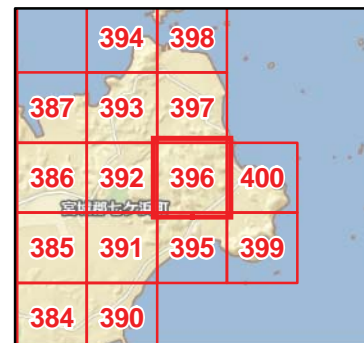
- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale



INDEX MAP

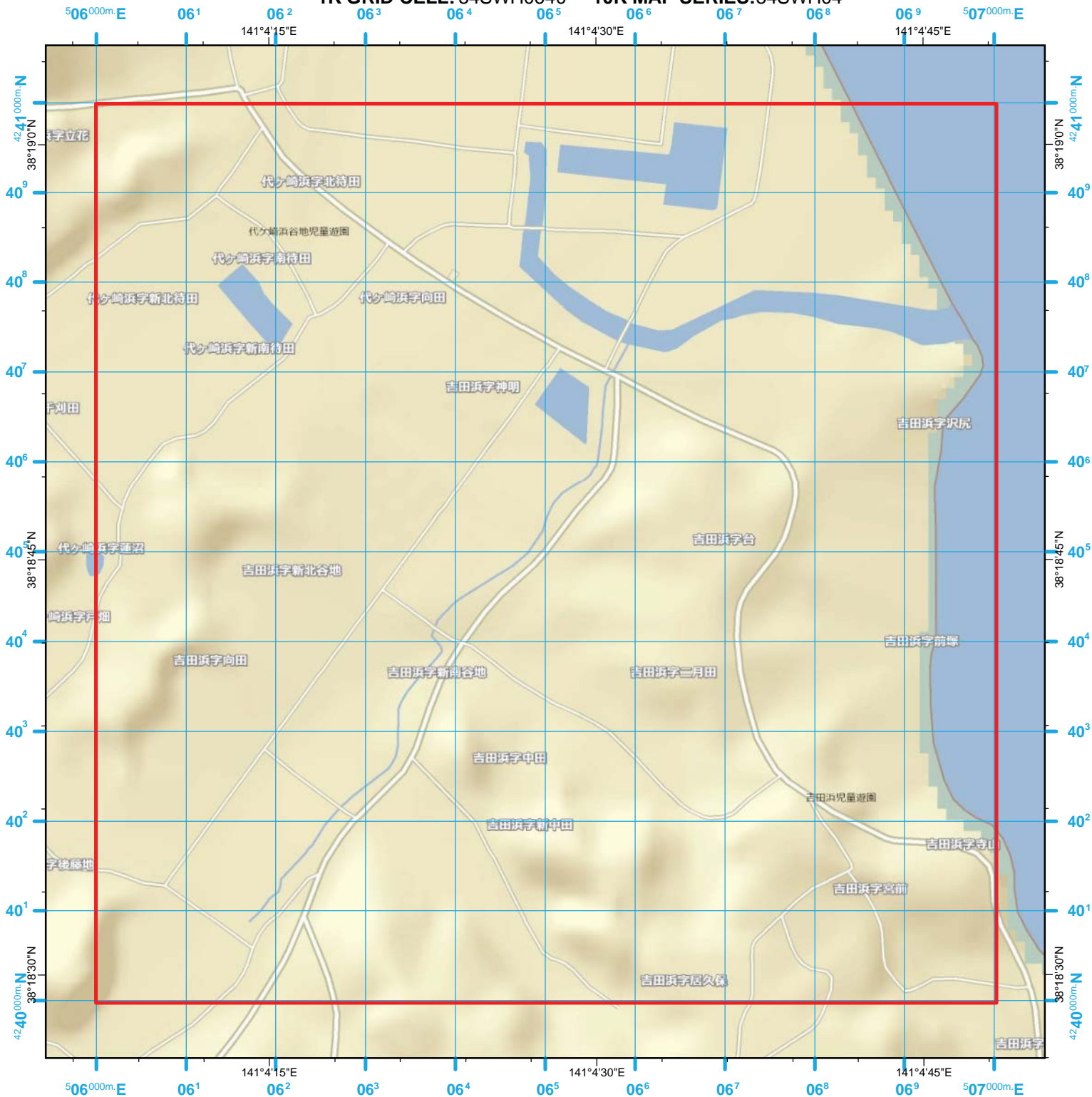
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SENDAI, JAPAN

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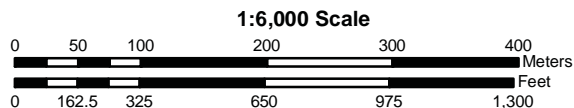
1K GRID CELL: 54SWH0640 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
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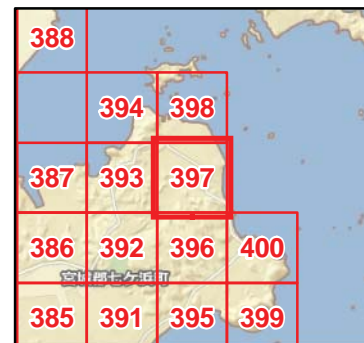


- Search Grid
- H Hospital
- P Police
- S School



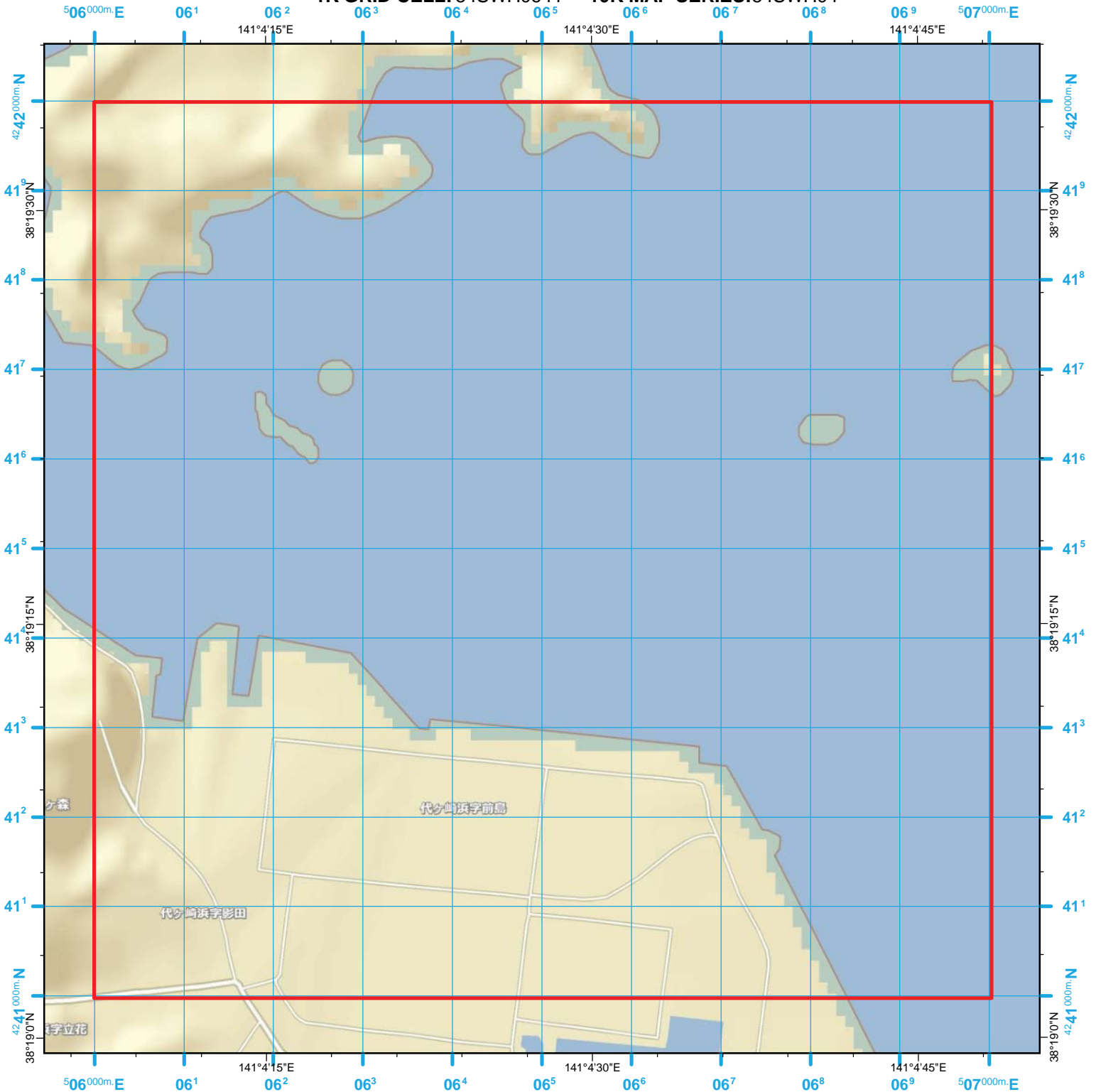
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SENDAI, JAPAN

1K GRID CELL: 54SWH0641 10K MAP SERIES: 54SWH04



1000-m cell, 100-m grid, MGRS
 World Geodetic System 1984 Datum
 Grid Zone Designation: 54S
 100,000-m Square Identification: WH
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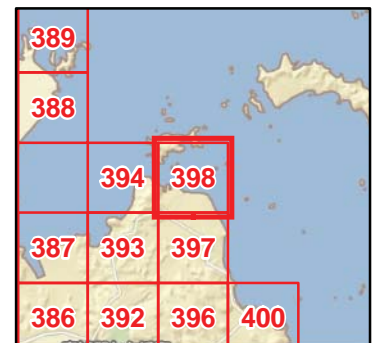


- Search Grid
- H Hospital
- P Police
- School

1:6,000 Scale

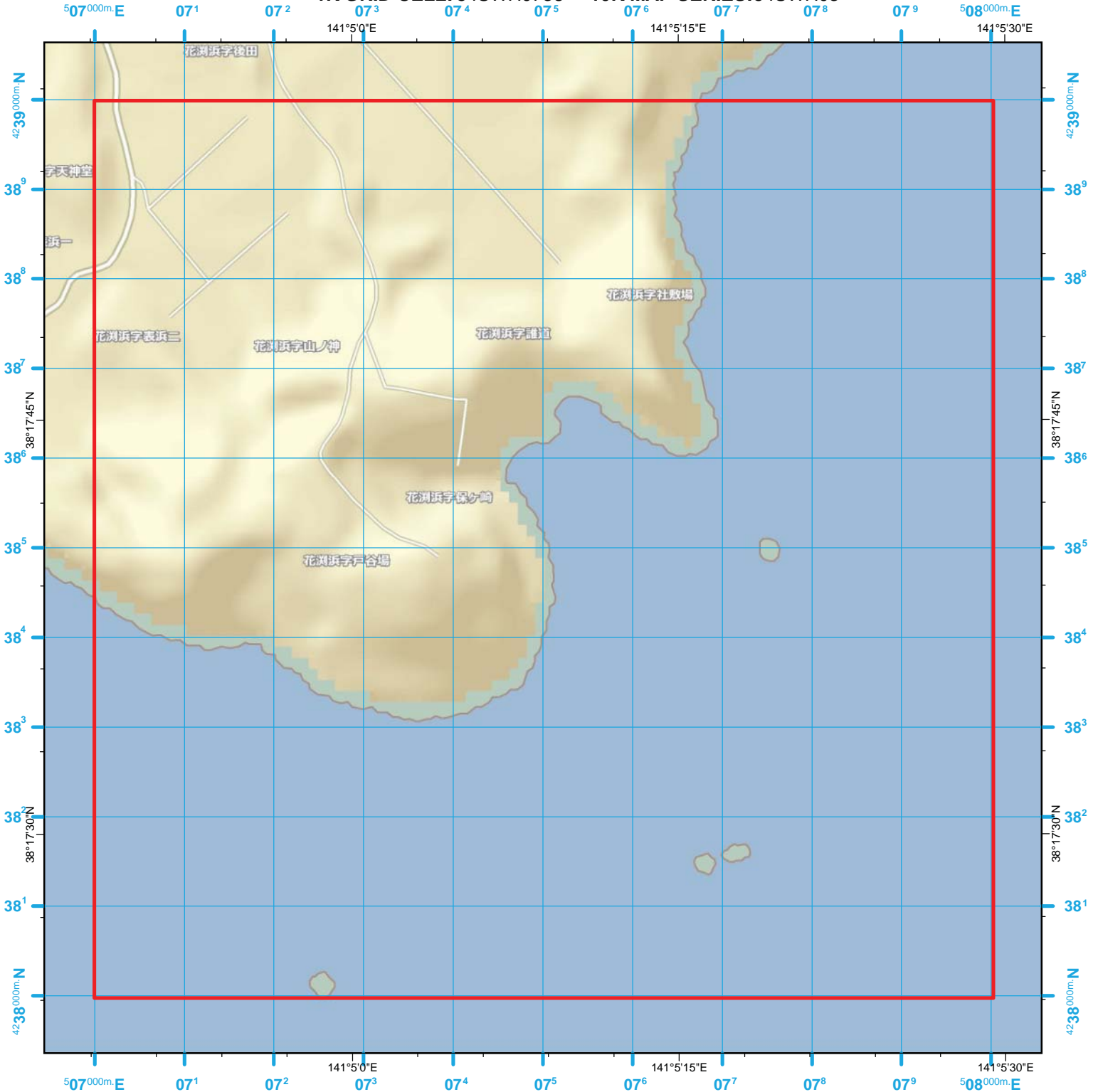
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SENDAI, JAPAN

1K GRID CELL: 54SWH0738 10K MAP SERIES: 54SWH03



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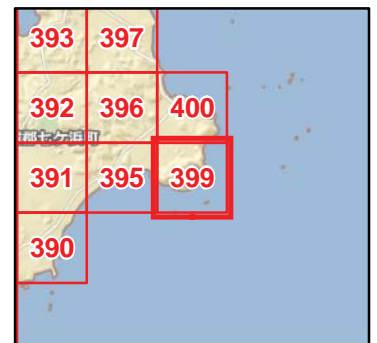


- Search Grid
- H Hospital
- P Police
- School



INDEX MAP

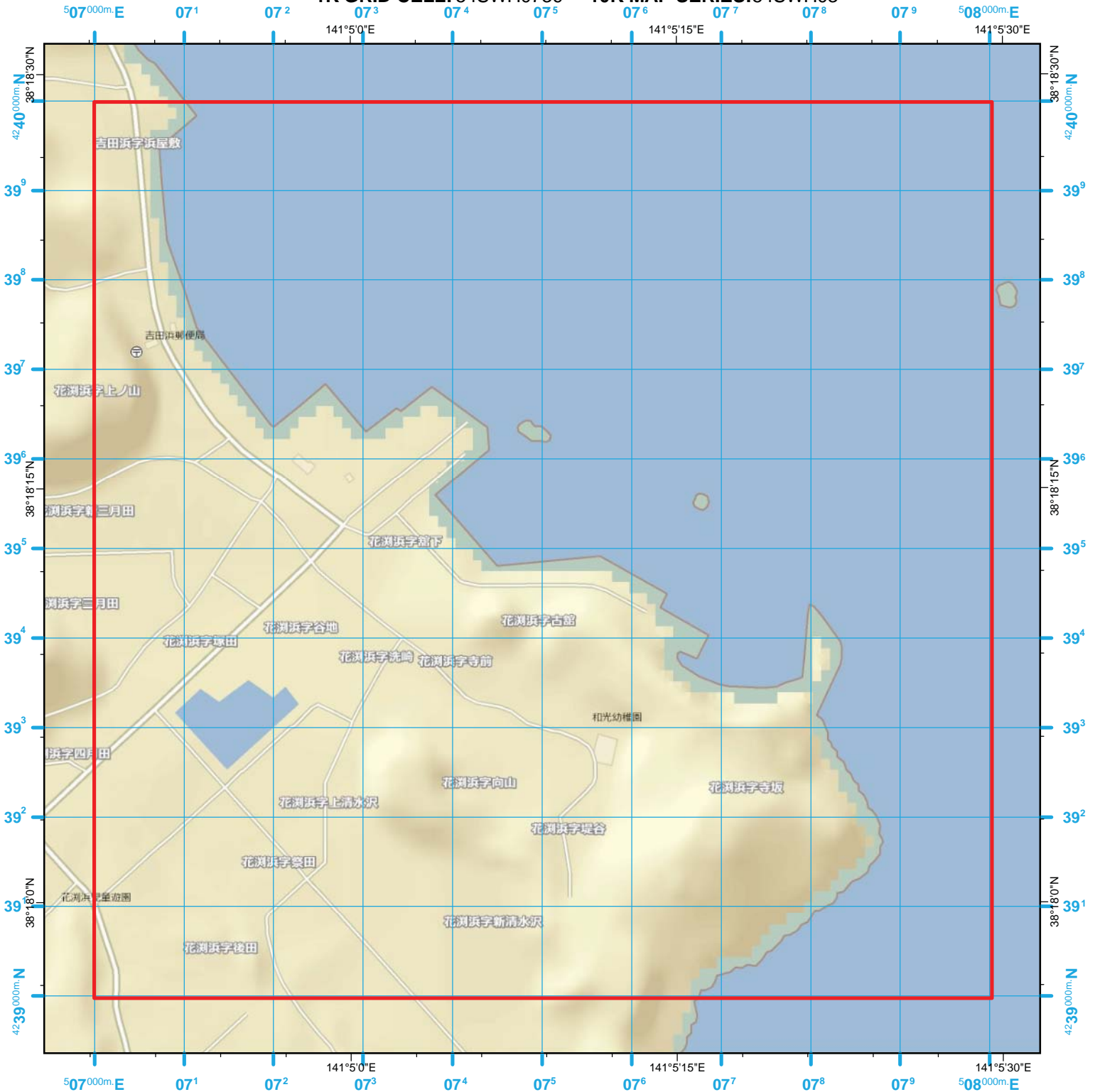
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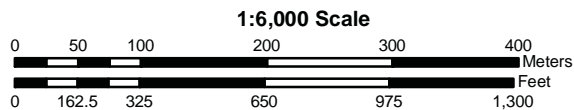
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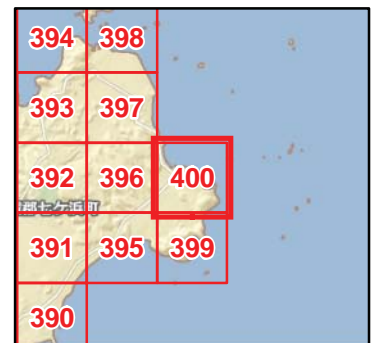
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1:6,000 Scale



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