SOUNDINGS IN FEET

THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES - EAST COAST

CONNECTICUT

NORTH SHORE OF LONG ISLAND SOUND

STRATFORD TO SHERWOOD POINT

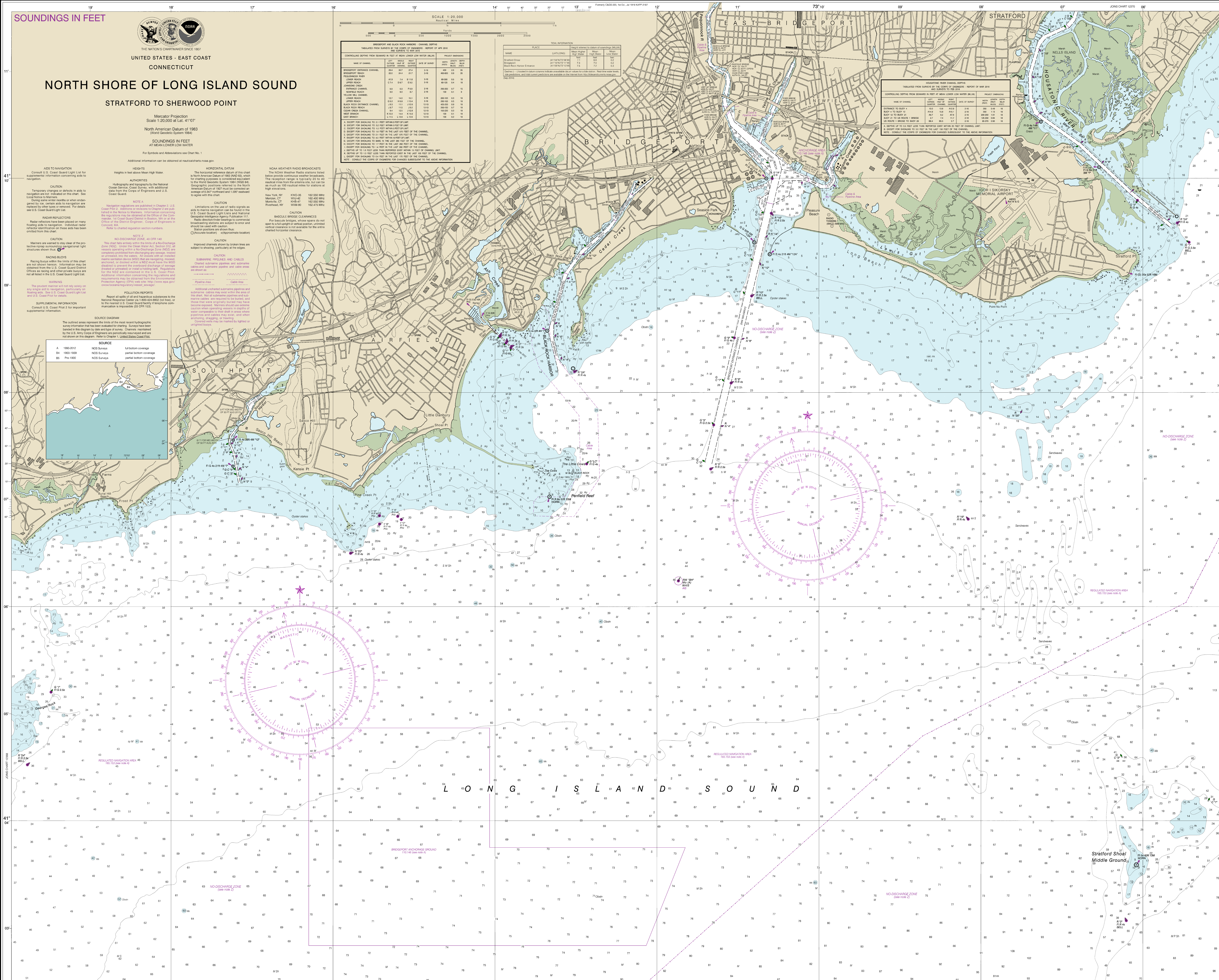
Mercator Projection
Scale 1:20,000 at Lat. 41°07'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

For Symbols and Abbreviations see Chart No. 1

Additional information can be obtained at nauticalcharts.noaa.gov.



BRIDGEPORT AND BLACK ROCK HARBORS - CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2016 AND SURVEYS TO MAR 2016

NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
BRIDGEPORT ENTRANCE CHANNEL	29.4	30.7	27.4	3-16	400	2.5	35
BRIDGEPORT REACH	22.0	24.4	21.7	3-16	400-600	0.9	35
PEQUONNOCK RIVER							
LOWER REACH	A7.9	7.4	B 11.8	3-16	69-300	0.5	18
UPPER REACH	C 7.4	D 8.7	E 9.2	3-16	69-125	0.4	18
JOHNSONS CREEK							
ENTRANCE CHANNEL	9.9	6.0	F 6.9	2-16	200-350	0.7	15
NEWFIELD REACH	9.0	9.0	8.7	2-16	100	0.1	9
YELLOW MILL CHANNEL							
LOWER REACH	12.7	14.0	15.1	3-16	200-100	0.3	18
UPPER REACH	G 9.2	H 9.8	I 10.4	3-16	200-100	0.5	18
BLACK ROCK ENTRANCE CHANNEL	J 9.3	11.1	J 12.6	12-13	425-200	0.9	18
BLACK ROCK REACH	J 8.7	11.5	J 9.2	12-13	200-150	0.7	18
CEDAR CREEK CHANNEL	9.4	12.5	J 12.8	12-13	150-230	0.3	18
WEST BRANCH	K 13.0	14.4	K 15.0	12-13	100	0.1	18
EAST BRANCH	L 11.5	L 12.6	L 12.6	12-13	100	0.2	18

A. EXCEPT FOR SHOALING TO 2.1 FEET WITHIN 5 FEET OF LIMIT.
B. EXCEPT FOR SHOALING TO 3.2 FEET WITHIN 5 FEET OF LIMIT.
C. EXCEPT FOR SHOALING TO 1.0 FEET WITHIN 5 FEET OF LIMIT.
D. EXCEPT FOR SHOALING TO 1.6 FEET IN THE LAST 570 FEET OF THE CHANNEL.
E. EXCEPT FOR SHOALING TO 2.1 FEET IN THE LAST 570 FEET OF THE CHANNEL.
F. EXCEPT FOR SHOALING TO 4.0 FEET WITHIN 10 FEET OF LIMIT.
G. EXCEPT FOR SHOALING TO BARE IN THE LAST 260 FEET OF THE CHANNEL.
H. EXCEPT FOR SHOALING TO 1.7 FEET IN THE LAST 260 FEET OF THE CHANNEL.
I. EXCEPT FOR SHOALING TO 1.4 FEET IN THE LAST 260 FEET OF THE CHANNEL.
J. DEPTHS UP TO 1.6 FEET LESS THAN REPORTED EXIST WITHIN 15 FEET OF CHANNEL LIMIT.
K. DEPTHS UP TO 1.3 FEET LESS THAN REPORTED EXIST IN THE LAST 100 FEET OF THE CHANNEL.
L. EXCEPT FOR SHOALING TO 0.4 FEET IN THE LAST 170 FEET OF THE CHANNEL.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

TIDAL INFORMATION

NAME	(LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water
PLACE		Height referred to datum of soundings (MLLW)		
		feet	feet	feet
Stratford Shoal	(41°04'N/73°06'W)	7.1	6.8	0.2
Bridgeport	(41°10'N/73°11'W)	7.3	7.0	0.2
Black Rock Harbor Entrance	(41°09'N/73°13'W)	7.5	7.2	0.3

Dashes (- - -) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from http://tidesandcurrents.noaa.gov.
(Sep 2014)

HOUSATONIC RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2016 AND SURVEYS TO FEB 2016

NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
ENTRANCE TO BUOY 4	13.0	13.8	A12.9	2-16	200	0.49	18
BUOY 4 TO BUOY 12	A14.9	15.8	A15.1	2-16	200	1.13	18
BUOY 12 TO BUOY 21	A6.7	8.2	A7.8	2-16	200-250	1.01	18
BUOY 21 TO US ROUTE 1 BRIDGE	2.7	7.4	11.7	2-16	125-250	0.64	18
US ROUTE 1 BRIDGE TO BUOY 29	B6.4	B5.5	5.7	2-16	85-370	0.93	18

A. DEPTHS UP TO 3.5 FEET LESS THAN REPORTED EXIST WITHIN 20 FEET OF CHANNEL LIMIT.
B. EXCEPT FOR SHOALING TO 3.0 FEET IN THE LAST 150 FEET OF THE CHANNEL.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

CAUTION

Mariners are warned to stay clear of the protective riprap surrounding navigational light structures shown thus:

RACING BUOYS

Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other private buoys are not all listed in the U.S. Coast Guard Light List.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 2 for important supplemental information.

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers and U.S. Coast Guard.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 2. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 1st Coast Guard District in Boston, MA or at the Office of the District Engineer, Corps of Engineers in Concord, MA.

Refer to charted regulation section numbers.

NOTE Z
NO-DISCHARGE ZONE, 40 CFR 140

This chart falls entirely within the limits of a No-Discharge Zone (NDZ). Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owow/oceans/regulatory/vessel_sewage/.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.347" northward and 1.595" eastward to agree with this chart.

CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:
⊙(Accurate location) o(Approximate location)

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION
SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Pipeline Area — Cable Area

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.

Covered wells may be marked by lighted or unlighted buoys.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

New York, NY	KWO-35	162.550 MHz
Meriden, CT	WXJ-42	162.400 MHz
Montville, CT	KHB-47	162.550 MHz
Riverhead, NY	WXM-80	162.475 MHz

CAUTION
BASCULE BRIDGE CLEARANCES

For bascule bridges, whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

SOURCE			
A	1990-2012	NOS Surveys	full bottom coverage
B4	1900-1939	NOS Surveys	partial bottom coverage
B5	Pre-1900	NOS Surveys	partial bottom coverage

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CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

NOAA encourages users to submit inquiries, discrepancies or comments about this chart at http://www.nauticalcharts.noaa.gov/staff/contact.htm.

27th Ed., Nov. 2014. Last Correction: 9/29/2016. Cleared through:
LNM: 4816 (11/29/2016), NM: 5016 (12/10/2016), CHS: 1116 (11/25/2016)

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).
If the line does not measure six inches (152 millimeters), this copy is not certified safe for navigation.

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

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SOUNDINGS IN FEET

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102

Stratford to Sherwood Point
SOUNDINGS IN FEET - SCALE 1:20,000

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