

Minutes for Parks and Recreation Commission on November 10, 2022

Call to Order

This meeting is being audio and video recorded

Introduce newly appointed member Andre Dobrochinski

- Personally: Coaches martial arts and self defense and has franchised a gym here that he was involved with in Venice, CA

Approval of Agenda for November 10, 2022

Election of Officers- Chair, Vice Chair and Secretary

- Ken Beaugrand - Chair of Parks and Recreation Commission
- Michael Cozort - Vice Chair
- Merrill McCluskey - Secretary

Security Update- Officer Jerry Mack

- The night shift was able to move a lot of the kids out during unwanted hours
- Posted a bike officer at Children's Beach which helped out a lot
- Concerns about the amount of items left over by the concession people but it will be cleaned up by the winter
- Bettina told officer Mack the trash at Children's Beach has gotten worse every year
 - When Officer Mack got security down there the trash problem was better maintained
 - Wants security cameras
- Plans on assigning a bike CSO just to Children's Beach to stay even later into the evening

Bettina Broer- Recap of Children's Beach Yoga on the Bandstand

- The best summer down at the bandstand yet
- Each year they pick up more regulars
- Would love to do another season down at the bandstand

Marina Dzvonik- Turkey Plunge at Children's Beach

- Requesting use of Children's Beach from 8-10am on Thanksgiving Day, November 24, 2022. Rain date request on the following Friday.
- Issues: Concession is closed so the bathrooms are closed and the water is turned off. The Athenium would have to provide their own portable restrooms because there is food at the event.
- DPW would have to have the beach raked
- Looking for a food truck to be at the event but they have to ask the Concession first to get first refusal; if it doesn't happen this year, they will do it next year with a food truck

Chair Ken Beaugrand

Ken indicated a need for strategic planning for the committee as it is focused on two separate but equal initiative, the use and programs for our existing locations and initiatives and the acquisition of additional land to expand our role. As to the second initiative, the

concept of a strategic plan helps to identify how best to use the existing staff and financial resources to best determine how to prioritize and achieve the targeted goals.

Parks and Recreation Manager Charlie Polachi Updates:

1. Nobadeer Fields Athletic Support Building
 2. Nobadeer Field Expansion Proposed to Capital Program Committee (CapCom)
 3. Request has been submitted to expand the Nobadeer Fields including: Turf enhancement and replacement to existing fields; add parking area; and add a field. Looking for \$3.8 million. All of this has to happen before they can look at expanding across the street at Delta fields.
 - a. Proposal to light the fields to extend spring and fall seasons which shouldn't see pushback because of proximity to airport and paddle court lighting
 - b. Athletic Support Building is 90% complete: waiting for doors to be installed. Officially open for use in the Springtime
 - i. Could potentially be used for other recreation activities such as yoga
 4. Capital Request of \$70,000 for Security Cameras
 - a. Looking to add in security cameras at 8 facilities: Tom Nevers, Winter Park, Jetties Beach, Surfside, Children's Beach, Delta Fields.
 5. Concession Planning
 6. Proposed Delta Field Layout
 - a. Proposed a playground; beach volleyball courts, tennis courts so as to expand use of this area for non "field sports"
 - b. Andre mentioning use of indoor 'bubble' facility so that a field can be used 12 months of the year
 - i. Charlie says there has been discussion but a lot of hurdles to get there
 - ii. Winter Park could possibly be used for recreational soccer activities if 'passive' measures implemented to outfit the field
 - c. Think about a "wishlist" items for the Delta Fields
- Requesting to include the Community Recreation Deposit and Fee schedule in next meeting's agenda
 - Look into the fee for parking at the Jetties Beach large lot next to tennis court: Many calls and requests by large trucking companies
 - The Select Board seemed receptive to the security camera requests
 - Emphasis on this new plan being the FIRST DRAFT and it is very much a working document

Ken noted that the five targeted areas as prepared by Chuck be added as an agenda item to the minutes so that their prioritization can be an additional new agenda item for next month's meeting.

Adjournment

Dzvonik, Marina

From: noreply@civicplus.com
Sent: Friday, February 17, 2023 3:04 PM
To: Dzvonik, Marina
Subject: Online Form Submittal: 2023 Special Event Permit Application

[EXTERNAL EMAIL]: Please do not click links or open attachments if you don't recognize the sender.

2023 Special Event Permit Application

This form is not a permit. Please read this application in full. Completion of this application does not constitute an automatic approval and does not guarantee that a permit will be issued. Event organizers are encouraged not to issue any press releases, advertise, sell tickets, etc. until the necessary approvals and/or permits have been issued. Event organizers are encouraged to include maps, plans and any pertinent supporting documentation with this application. Any event permitting questions can be directed to the Town's Events Coordinator at 508-325-4166.

APPLICANT INFORMATION - REQUIRED

First Name of Primary Contact	Virginia
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Last Name of Primary Contact	Kostadinova
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Address of Primary Contact	
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Company/Organization of Primary Contact (If Applicable)	Non-profit Bulgarian Education Center Co., Inc.
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Town/City	Nantucket
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State	MA
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Zip	02554
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Email Address	bgackschool@yahoo.com
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Phone Number	
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Cell Phone	
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On-site Contact	Virginia
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Cell Phone for On-site Contact	
Host Organization (If Different from Above)	Bulgarian Education Center Co., Inc.
Host Type	Non-Profit
Please Attach 501(c)(3) Documentation	IRS-determination-letter-non-profit-approval.pdf
EVENT OVERVIEW - REQUIRED	
Event Name	Bulgarian School on Nantucket Year End Show Performance and Graduation Ceremony
Requested Location of Event (please specify INDOOR or OUTDOOR)	indoor if there is an available suitable place or if outdoor, Children's beach
Is this Event open to the public?	Yes
Is there an admission / registration fee?	No
Date of Event	6/10/2023
Start Time	10 AM
End Time	1 PM
Rain Date	6/11/2023
All events must comply with the 10:00 pm Noise Ordinance. Requests for extension past 10:00 pm must be approved by the Select Board	
Set-up Date & Time	6/9/2023 12:00 AM
Tear-Down Date & Time	6/10/2023 1:30 PM
MULTIPLE DATE EVENTS	<i>Field not completed.</i>
Full Schedule of Events	<i>Field not completed.</i>
Est. # of Participants	120
Est. # of Staff	10
Important Notice - Events Over 250 Any event anticipating over 250 participants requires a Public Hearing at a	

regularly-scheduled Select Board meeting. Public Hearings must be noticed in the Inquirer and Mirror for two consecutive weeks prior to the hearing (at Applicant's expense). Public Hearings may be waived for recurring events. Events anticipating under 250 participants may require a Public Hearing at Town Administration's discretion.

Have You Held This Event On-Island Before?	Yes
If Yes, Where And When?	Whaling Museum, FCC, LGI room at NPS
Description of Event (Attach additional documents below)	On May 24th Bulgarians celebrate Saints Cyril and Methodius day, culture and literacy day and we are preparing a show performance and graduation ceremony for our students to represent songs, dances and poems. Then we offer traditional Bulgarian food for all guests to share and enjoy.
Event Description (optional)	IMG_2436.jpg
Course Map	<i>Field not completed.</i>
Event Layout/Diagram	<i>Field not completed.</i>

EVENT LAYOUT / DIAGRAM: Required for Events with Tents/Temporary Structures and/or Events on Public Property. A detailed site plan is required - applications will not be processed without it. Attach separate document(s) that clearly show the location of the event, fencing, entry /exit points, tents (include dimensions), stages, generators, bars, tables / chairs, portable restrooms, trash cans, dumpsters, signs, etc.

STEP 1: LOCATION - BEACH EVENTS ONLY

Details regarding allowable activities can be found here	Click for Beach Allowable Activity List
Select Town of Nantucket Beach	Children's Beach (Parks & Rec)
Click Here For Beach Ownership Contacts for all Public Beaches	Beach and Ownership Listing
Beach Event Structures	stage with microphones and speakers, table and chairs
Beach and Endangered Species Protection <i>Safety of endangered species habitat and beach maintenance are prime concerns for any beach-related activity on the island. Nesting birds, erosion and endangered</i>	

plants exist throughout the island. Natural Resource approval is required to make sure protection laws are not being violated and proper precautions are being taken.

STEP 2: ALCOHOL

Will Alcohol Be Served? No

Click Here For [Temporary Pouring Permit Regulations for the State of Massachusetts:](#)

Alcohol To Be Served *Field not completed.*

Only Non-Profit Organizations are permitted to serve ALL Alcoholic Beverages. For Profit Organizations are only permitted to serve Beer and Wine.

Source of Alcohol/Approved Distributor(s) no plans to provide alcohol

CLICK HERE FOR LIST OF AUTHORIZED SOURCES TO PURCHASE ALCOHOL: [AUTHORIZED SOURCES \(in PDF\)](#)

STEP 3: ENTERTAINMENT

Will There Be Entertainment? Yes

Will The Entertainment Be Amplified? Yes

Will The Entertainment Be Outside? Yes, No

Description of Entertainment show performance with dances, songs, reciting poems, acting on stage

All events must comply with the 10:00 pm Noise Ordinance. Requests for extension past 10:00 pm must be approved by the Select Board.

STEP 4: STREET AND/OR SIDEWALK BLOCKING

Will Event Require Any Road Or Sidewalk To Be Blocked Or Closed?	Field not completed.
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Address Of Blocking	Field not completed.
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Purpose Of Blocking:	Field not completed.
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STEP 5: TENTS / TEMPORARY STRUCTURES / STAGES / GENERATORS

Will There Be A Tent Or Other Temporary Structure Erected?	No
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Date Tent/Structure To Be Installed	Field not completed.
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Describe Size/Type of Tent/Structure / Stage	Field not completed.
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Tent Company	Field not completed.
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Will this event utilize a generator(s)?	no
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Will you be using any lighting?	no
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STEP 6: FOOD

Will Food Be Served?	Yes, No
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Name of Caterer/Food Service Provider	homemade food will be offered only if allowed by Town
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Attach Town of Nantucket Catering License (Optional)	Field not completed.
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Food service providers must have a current license Issued by the Town Of Nantucket Health Department. If they are not licensed on Nantucket, they must be approved by the Health Department at least 14 days prior to the event. Any event with more than One (1) caterer / food service provider is required to apply for Temporary Food Permits for each food service provider regardless of license.

TEMPORARY FOOD PERMIT INFO:

General Information regarding Temporary Food Permit Events

Temporary Food Permit Checklist

Temporary Food Event Permit Application

Events with 10 or more food vendors are required to submit the below form at least 30 days prior to the event.

Temporary Food Event Coordinator Application

Should you have any questions about temporary food permits, please contact the Nantucket Health Department health@nantucket-ma.gov , 508-228-7200 or visit at 131 Pleasant Street, Nantucket, MA

STEP 7: RESTROOM FACILITIES

Describe the number of restrooms available at the event site and if you plan to order portable restrooms. You may be required to provide portable toilets and hand washing stations, unless you can substantiate the sufficient availability of both Americans with Disabilities Act (ADA) and non-accessible facilities in the immediate area of the event site which will be available during your event.

Portable Toilets at public events: For single user portable toilets clustered at a single location, at least 5% but not less than one accessible toilet unit shall be installed at each cluster

# of Restrooms/Portable Toilets Provided	public restroom or 1 portable
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Name of Restroom / Portable Toilet Provider	public restroom or 1 portable
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STEP 8: PARKING PLAN

Event Parking	no extra parking needed
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STEP 9: WASTE MANAGEMENT

Effective June 1, 2020, Nantucket's Single-Use Plastics Ban prohibits these single-use petroleum based plastic products from being commercially used, sold or distributed at special events: straws and drink stirrers, six-pack can and bottle flexible yokes, drinking cups and lids, non-compostable plates and eating utensils,

drinking water in polyethylene terephthalate (PET or PETE) containers of 1 liter (34 ounces) or less, non-recyclable coffee pods.

Please note,
biodegradable packaging
is already required under
Nantucket's 1990
Biodegradable Packaging
Bylaw.

[Biodegradable Packaging Bylaw\(\\$ 125-2.1\)](#)

HOLD HARMLESS AGREEMENT

In consideration of permission to use the public property, facility or services described herein, the Applicant agrees to save and hold the Town of Nantucket, its agents, servants, and employees harmless from any and all liabilities or costs arising out of the use of the described premises by the Applicant, the Applicant's guests, employees, subcontractors, and/or other persons. The Applicant acknowledges that the permission to utilize the facilities is limited to the portion of the premises herein described (if applicable), and that the permission is valid only for the activity herein described. Notwithstanding the foregoing, this Hold Harmless Agreement shall be applicable to any claim asserted against the Town of Nantucket, its agents, servants, and employees, and for any loss incurred arising out of the Applicant's activity whether or not such claim or loss extends beyond the permitted type or locale of activity or occurs on a different date than specified. Commercial General Liability is required in the amount of \$1,000,000 CSL (combined single limit) with the Town and County of Nantucket added as an additional insured.

**SIGNATURE OF
APPLICANT**

Virginia Kostadinova

Email not displaying correctly? [View it in your browser.](#)

Dzvonik, Marina

From: noreply@civicplus.com
Sent: Tuesday, February 28, 2023 4:15 PM
To: Dzvonik, Marina
Subject: Online Form Submittal: 2023 Special Event Permit Application

[EXTERNAL EMAIL]: Please do not click links or open attachments if you don't recognize the sender.

2023 Special Event Permit Application

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APPLICANT INFORMATION - REQUIRED

First Name of Primary Contact	Jocelyn
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Last Name of Primary Contact	Wong
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Address of Primary Contact	PO Box 1016
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Company/Organization of Primary Contact (If Applicable)	Nantucket Historical Association
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Town/City	Nantucket
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State	MA
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Zip	02554
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Email Address	jwong@nha.org
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Phone Number	5082281894
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Cell Phone	Field not completed.
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On-site Contact	Jocelyn Wong
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Cell Phone for On-site
Contact

Host Organization (If Different from Above)	<i>Field not completed.</i>
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Host Type	Non-Profit
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Please Attach 501(c)(3) Documentation	<i>Field not completed.</i>
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EVENT OVERVIEW - REQUIRED

Event Name	Wampanoag Day
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Requested Location of Event (please specify INDOOR or OUTDOOR)	Children's Beach
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Is this Event open to the public?	Yes
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Is there an admission / registration fee?	No
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Date of Event	8/10/2023
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Start Time	10:00AM
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End Time	3:00PM
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Rain Date	<i>Field not completed.</i>
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All events must comply with the 10:00 pm Noise Ordinance. Requests for extension past 10:00 pm must be approved by the Select Board

Set-up Date & Time	8/10/2023 8:00 AM
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Tear-Down Date & Time	8/10/2023 3:00 PM
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MULTIPLE DATE EVENTS	<i>Field not completed.</i>
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Full Schedule of Events	<i>Field not completed.</i>
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Est. # of Participants	200
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Est. # of Staff	15
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Important Notice - Events Over 250

Any event anticipating over 250 participants requires a Public Hearing at a regularly-scheduled Select Board meeting. Public Hearings must be noticed in the

Inquirer and Mirror for two consecutive weeks prior to the hearing (at Applicant's expense). Public Hearings may be waived for recurring events. Events anticipating under 250 participants may require a Public Hearing at Town Administration's discretion.

Have You Held This Event On-Island Before?	Yes
If Yes, Where And When?	Children's Beach
Description of Event (Attach additional documents below)	The NHA will host Mashpee Wampanoag tribe members to lead a free educational cultural program for families. Attendees are invited to examine tools and objects that were used in daily Wampanoag life, make traditional Wampanoag toys and crafts, as well as learn about native people and culture by engaging with living members of the Wampanoag tribe. The program will conclude with an immersive performance showcasing music and dances that have been part of Wampanoag tradition for hundreds of years. This program is a continuation of the 2021 "Making a Mishoon" project with Darius Coombs, who constructed a mishoon specifically for the NHA. Coombs will demonstrate the usage of a mishoon (a traditional dugout canoe crafted by fire) in the water along Children's Beach and will talk about the process of building the canoe.
Event Description (optional)	<i>Field not completed.</i>
Course Map	<i>Field not completed.</i>
Event Layout/Diagram	<i>Field not completed.</i>

EVENT LAYOUT / DIAGRAM: Required for Events with Tents/Temporary Structures and/or Events on Public Property. A detailed site plan is required - applications will not be processed without it. Attach separate document(s) that clearly show the location of the event, fencing, entry /exit points, tents (include dimensions), stages, generators, bars, tables / chairs, portable restrooms, trash cans, dumpsters, signs, etc.

STEP 1: LOCATION - BEACH EVENTS ONLY

Details regarding allowable activities can be found here	Click for Beach Allowable Activity List
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Select Town of Nantucket Children's Beach (Parks & Rec)
Beach

Click Here For Beach
Ownership Contacts for
all Public Beaches

[Beach and Ownership Listing](#)

Beach Event Structures

Tables and chairs for craft stations. Pop-up tent for program
welcome station.

Beach and Endangered Species Protection

*Safety of endangered species habitat and beach maintenance are prime concerns
for any beach-related activity on the island. Nesting birds, erosion and endangered
plants exist throughout the island. Natural Resource approval is required to make
sure protection laws are not being violated and proper precautions are being taken.*

STEP 2: ALCOHOL

Will Alcohol Be Served? No

Click Here For
Temporary Pouring
Permit Regulations for
the State of
Massachusetts:

[Temporary Pouring Permit Guidelines](#)

Alcohol To Be Served

Field not completed.

Only Non-Profit Organizations are permitted to serve ALL Alcoholic Beverages. For
Profit Organizations are only permitted to serve Beer and Wine.

Source of
Alcohol/Approved
Distributor(s)

NA

CLICK HERE FOR LIST
OF AUTHORIZED
SOURCES TO
PURCHASE ALCOHOL:

[AUTHORIZED SOURCES \(in PDF\)](#)

STEP 3: ENTERTAINMENT

Will There Be
Entertainment?

Yes

Will The Entertainment
Be Amplified?

Yes

Will The Entertainment
Be Outside? Yes

Description of
Entertainment Wampanoag musicians and dancers will perform traditional
songs and dances, as well as invite attendees to learn some of
the steps and participate.

All events must comply with the 10:00 pm Noise Ordinance. Requests for extension
past 10:00 pm must be approved by the Select Board.

STEP 4: STREET AND/OR SIDEWALK BLOCKING

Will Event Require Any *Field not completed.*
Road Or Sidewalk To Be
Blocked Or Closed?

Address Of Blocking *Field not completed.*

Purpose Of Blocking: *Field not completed.*

STEP 5: TENTS / TEMPORARY STRUCTURES / STAGES / GENERATORS

Will There Be A Tent Or No
Other Temporary
Structure Erected?

Date Tent/Structure To *Field not completed.*
Be Installed

Describe Size/Type of *Field not completed.*
Tent/Structure / Stage

Tent Company *Field not completed.*

Will this event utilize a *Field not completed.*
generator(s)?

Will you be using any *Field not completed.*
lighting?

STEP 6: FOOD

Will Food Be Served? No

Name of Caterer/Food NA
Service Provider

Attach Town of
Nantucket Catering
License (Optional)

Field not completed.

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TEMPORARY FOOD PERMIT INFO:

[General Information regarding Temporary Food Permit Events](#)

[Temporary Food Permit Checklist](#)

[Temporary Food Event Permit Application](#)

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STEP 7: RESTROOM FACILITIES

Describe the number of restrooms available at the event site and if you plan to order portable restrooms. You may be required to provide portable toilets and hand washing stations, unless you can substantiate the sufficient availability of both Americans with Disabilities Act (ADA) and non-accessible facilities in the immediate area of the event site which will be available during your event.

Portable Toilets at public events: For single user portable toilets clustered at a single location, at least 5% but not less than one accessible toilet unit shall be installed at each cluster

# of Restrooms/Portable Toilets Provided	NA
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Name of Restroom / NA
Portable Toilet Provider

STEP 8: PARKING PLAN

Event Parking *Field not completed.*

STEP 9: WASTE MANAGEMENT

Effective June 1, 2020, Nantucket's Single-Use Plastics Ban prohibits these single-use petroleum based plastic products from being commercially used, sold or distributed at special events: straws and drink stirrers, six-pack can and bottle flexible yokes, drinking cups and lids, non-compostable plates and eating utensils, drinking water in polyethylene terephthalate (PET or PETE) containers of 1 liter (34 ounces) or less, non-recyclable coffee pods.

Please note, [Biodegradable Packaging Bylaw\(\\$ 125-2.1\)](#)
biodegradable packaging
is already required under
Nantucket's 1990
Biodegradable Packaging
Bylaw.

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SIGNATURE OF Jocelyn Wong
APPLICANT

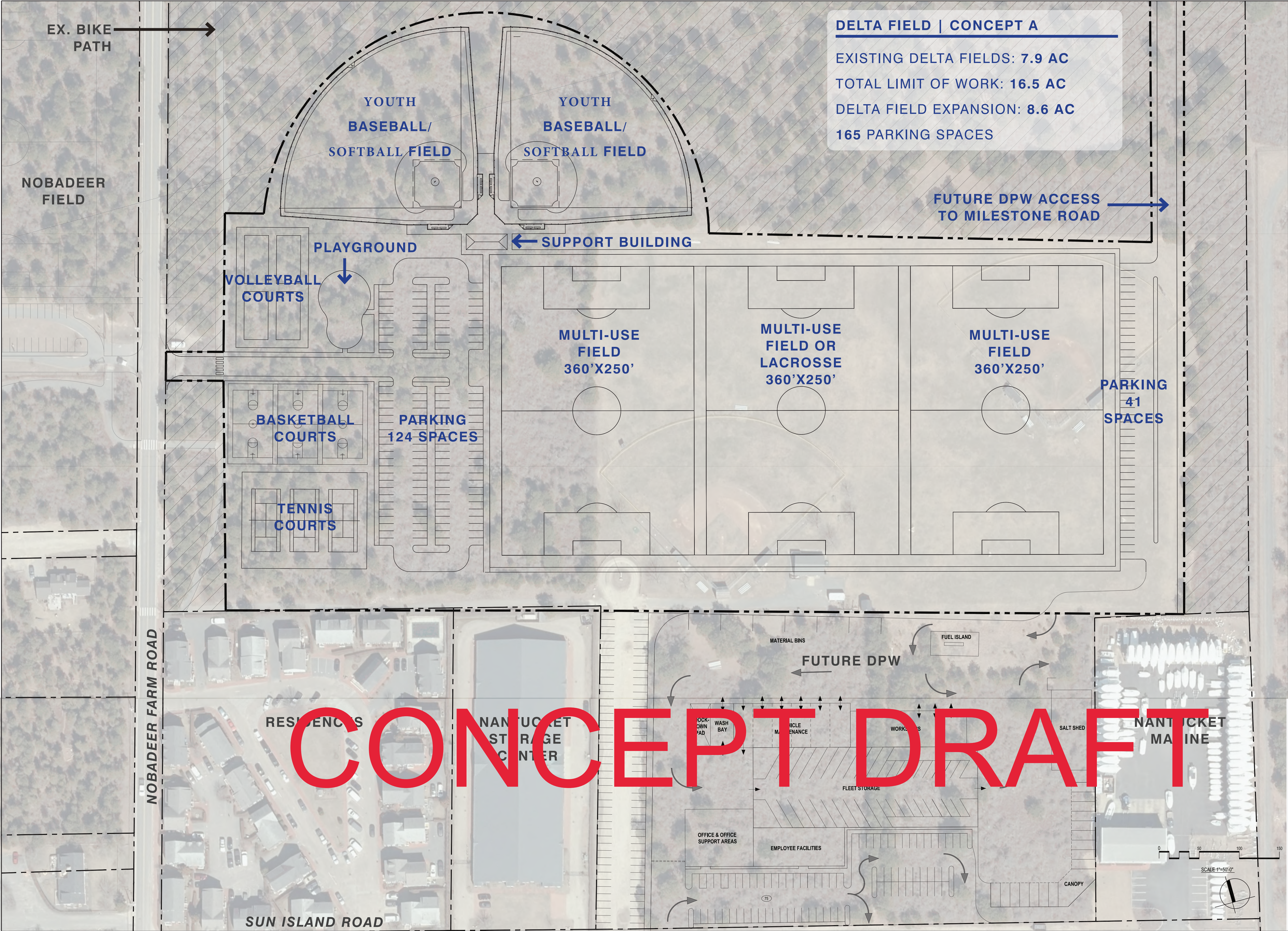
Email not displaying correctly? [View it in your browser.](#)

Parks and Rec Master Plan areas of focus:

1. Nobadeer Field Expansion: Addition of a third grass field, rejuvenating the other two grass fields, expanding parking.
2. Delta Field Layout and Expansion: **Think about what items you might like to see aside from multi use fields and ball fields here.**

2a. Tom Nevers: There will be a multi project approach to Tom Nevers, there is a project in the works to remove the debris from the beach and some of the buried debris from around the site. The first recreation part of the project out here will be to bring the two ball fields up to a level that they can house the little league during the reconstruction of the Delta Fields. This will entail fencing in the eastern field, construction of proper dugouts at both fields, redoing the infields with proper baseball infield "dirt". **Once the solid waste project is finished, we will be looking to expand offerings for Tom Nevers Park, what items should we be looking to add in this area?**

3. Jetties and Childrens are both subject to a concessions study involving the coastal resiliency planning so some improvements are on hold there until the coastal items are addressed. Playground would be brought up to ADA compliance when reconstructed.
4. Coffin Park, is currently an open space. **What could be added here? First thing that comes to mind is parking and an ADA playground. Would there be pushback from neighbors?**



CONCEPT DRAFT

Project: TOWN OF NANTUCKET



DELTA FIELDS

NOBADEER FARM ROAD
NANTUCKET, MA 02554

Weston & Sampson

427 Main Street
 Suite 400, Worcester, MA 01608
 978.977.0110 800.5AMPSOHN
 www.westonsampson.com

Consultants:

Seal:

Revisions:

Rev	Date	Description

Issued For: BIDDING

SCALE: AS NOTED

Date: SEPTEMBER, 2020

Drawn By: JC

Reviewed By: BK

Approved By: BK

W&S Project No: 200124

Drawing Title:

OPTION A
NO OVERLAPPING

Sheet Number:

WESTON & SAMPSON COPYRIGHT 2019



Town & County of NANTUCKET, MA

Community Recreation – Deposit & Fee Schedule

Deposit & Fee Schedule

Adult Leagues:

Fee: \$200 per team

Fee is due in full prior to the start date of the program. Please submit as one check inclusive of all teams.

Youth Leagues:

Deposit: \$200 Deposit (to be applied to total fee).

Fee: \$10 per registrant

Fee is due in full prior to the start date of the program. Please submit as one check inclusive of all teams.

Youth Camps:

Deposit: \$200 Deposit (to be applied to total fee).

Fee: 15% of gross revenue

Fee is due in full at completion of the program. A Camp Roster with per person charge must be submitted with the final check. Please submit as one check inclusive of all camp sessions and sections.

Hourly Rates:

\$25/hour for one day events.

Nantucket Public Schools
10 Surfside Road
Nantucket, MA 02554

Facilities Use Application Form - External use

Appendix A

Schedule of Fees:

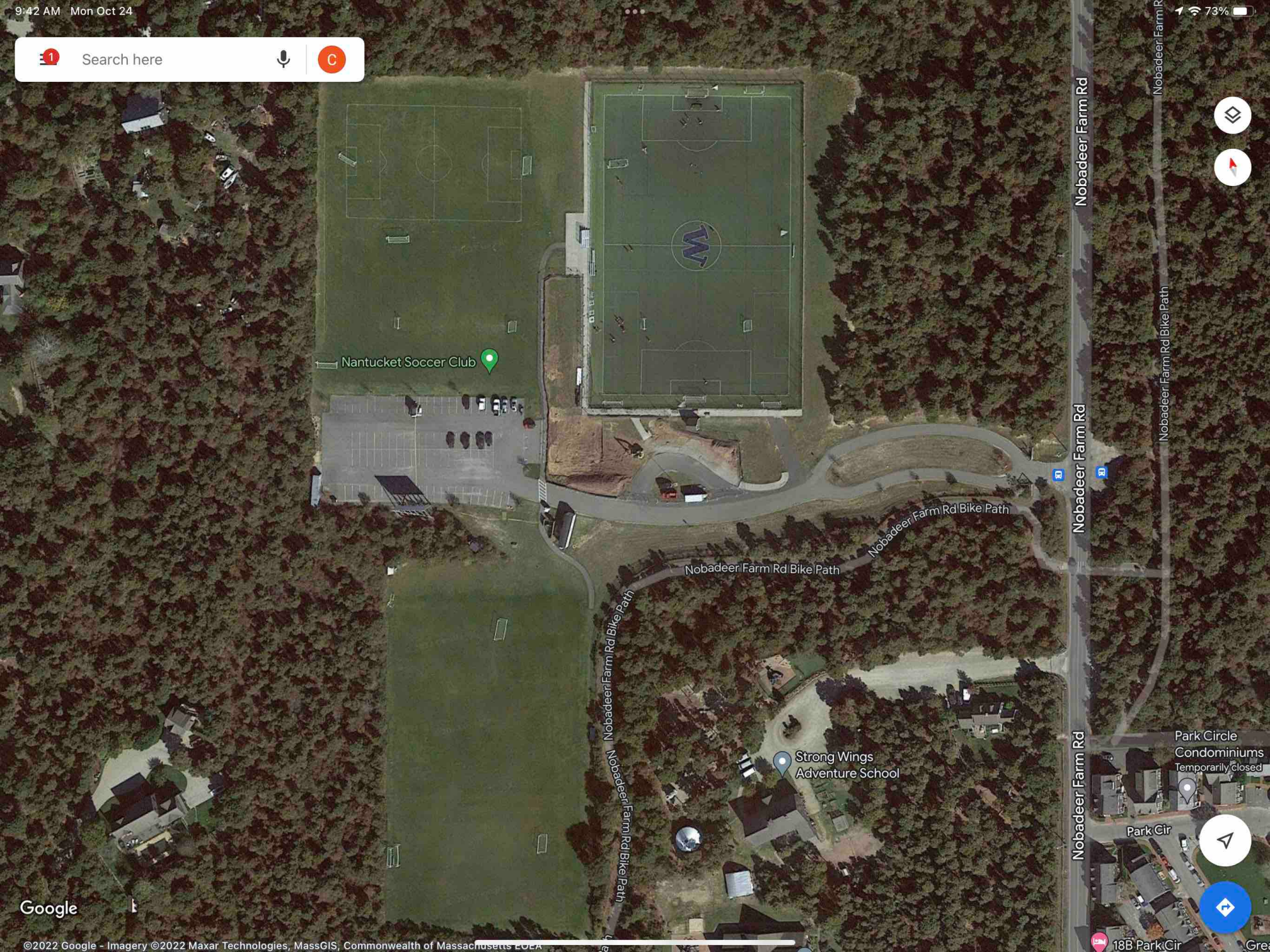
Facility Name	A usage day	B usage p/h	B usage day	C usage p/h	C usage day
NHS Auditorium	\$0.-	\$300.-	\$1200.-	\$500.-	\$2000.-
NHS ARR	\$0.-	\$100.-	\$250.-	\$120.-	\$500.-
Cafeterias	\$0.-	\$60.-	\$250.-	\$100.-	\$400.-
NHS LGI	\$0.-	\$100.-	\$250.-	\$120.-	\$500.-
Gymnasiums	\$0.-	\$60.-	\$200.-	\$120.-	\$500.-
Kitchens	\$0.-	\$60.-	\$250.-	\$100.-	\$400.-
Football Field	\$0.-	\$100.-	\$400.-	\$150.-	\$600.-
Athletic Field	\$0.-	\$60.-	\$250.-	\$150.-	\$600.-
Lobby	\$0.-	\$50.-	\$200.-	\$90.-	\$350.-
Hallway	\$0.-	\$50.-	\$200.-	\$90.-	\$350.-
Conference Rooms	\$0.-	\$40.-	\$150.-	\$80.-	\$300.-
CPS Dance Studio	\$0.-	\$40.-	\$250.-	\$80.-	\$300
Classrooms	\$0.-	\$40.-	\$150.-	\$80.-	\$300.-

Notes for fees:

1. A usage applies to all school related events.
2. B usage applies to non-profits not raising funds.
3. C usage applies to non-profits raising funds and for-profit users.
4. Full Day applies to events greater than three (3) hours and not to exceed specified Facility closing time.
5. Hourly applies to events up to and including three (3) hours.



Search here



Nantucket Soccer Club

Nobadeer Farm Rd Bike Path

Nobadeer Farm Rd Bike Path

Nobadeer Farm Rd

Nobadeer Farm Rd

Nobadeer Farm Rd

Nobadeer Farm Rd Bike Path

Nobadeer Farm Rd

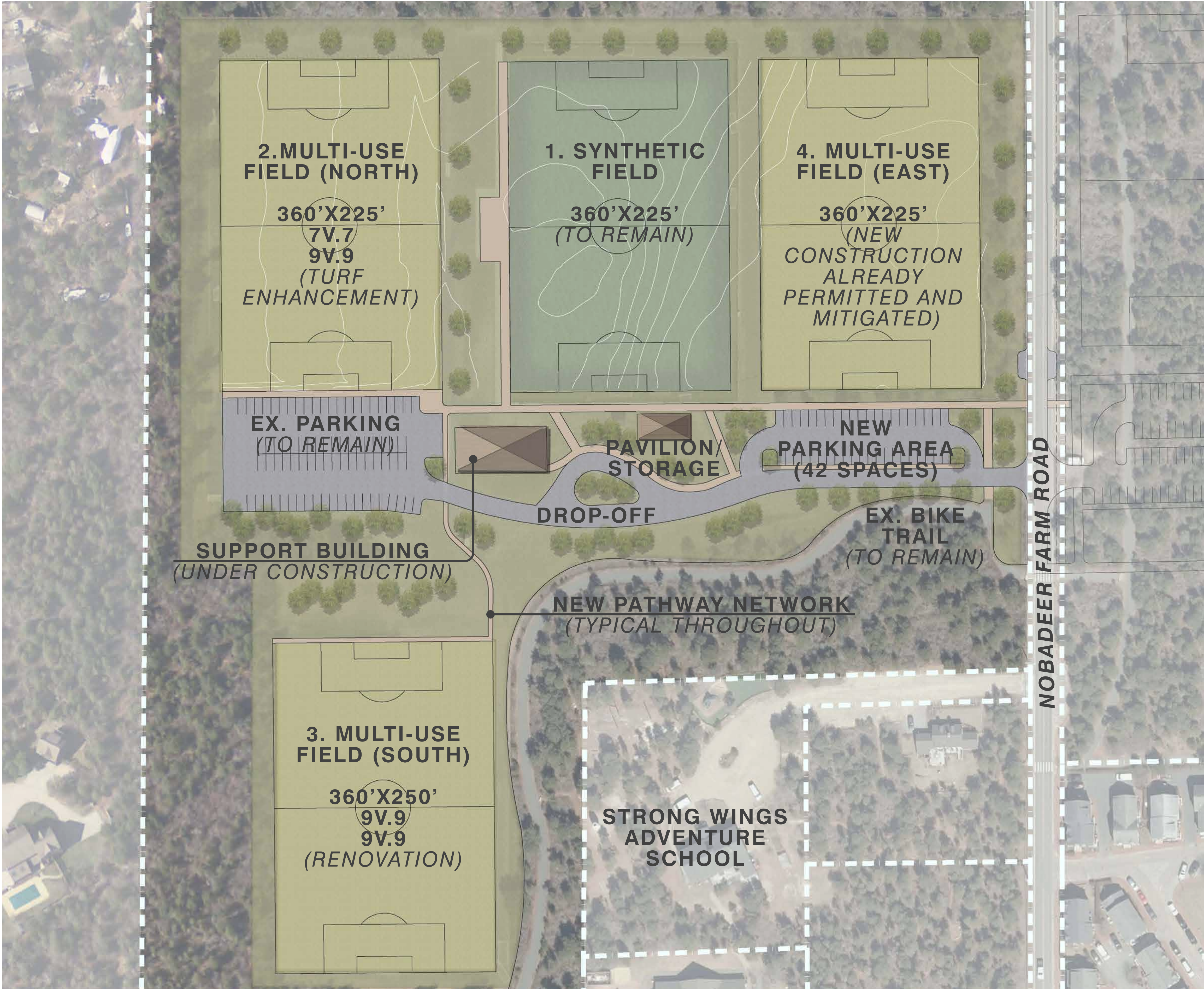
Strong Wings
Adventure School

Park Circle
Condominiums
Temporarily closed

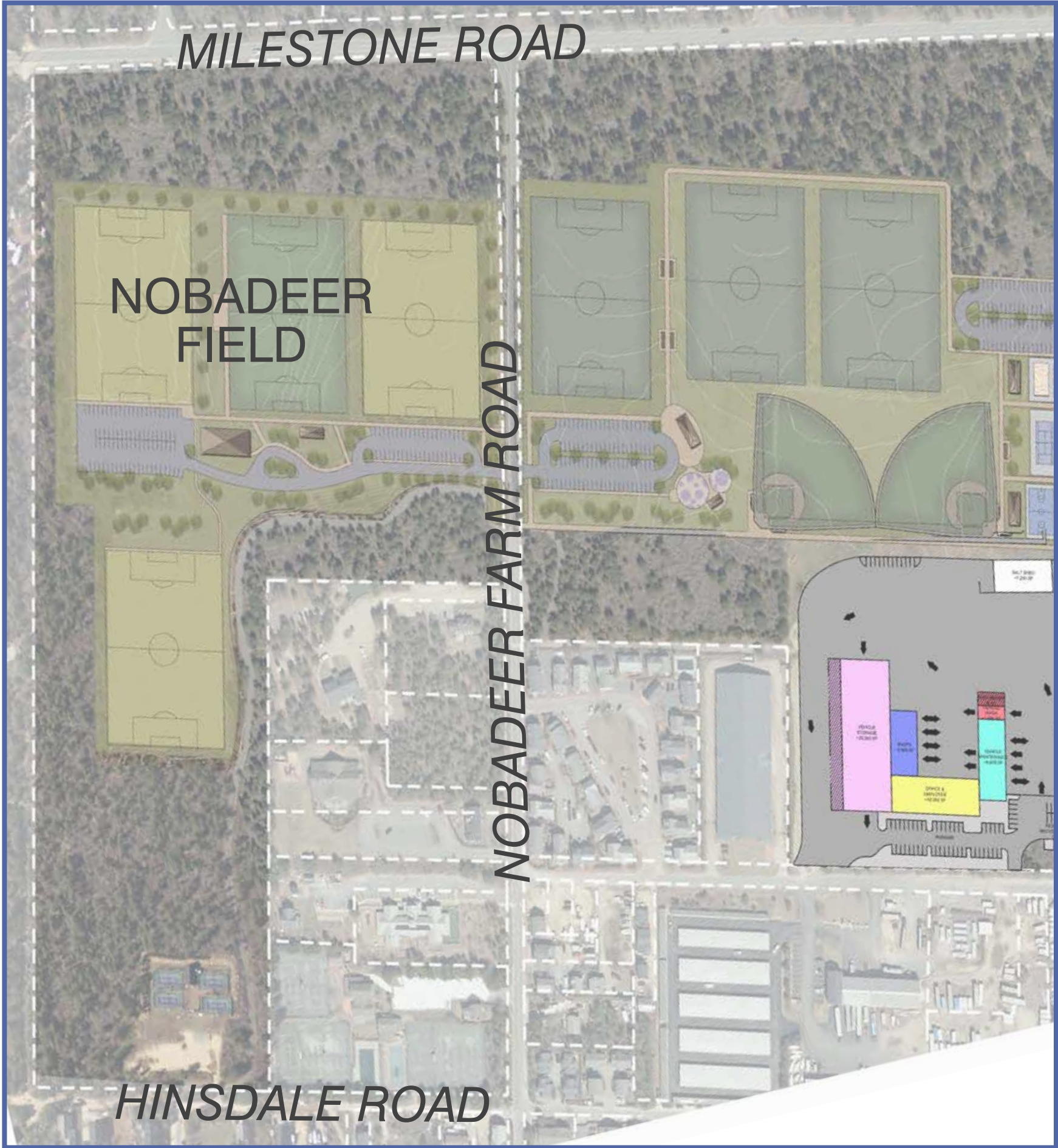
Park Cir

18B Park Cir

NOBADEER FIELD | MASTER PLAN CONCEPT



KEY MAP



PROPOSED FIELD USE MATRIX

FIELD TYPE:

- 1. SYNTHETIC TURF FIELD
- 2. MULTI-USE RECTANGULAR FIEL (NORTH)
- 3. MULTI-USE RECTANGULAR FIEL (SOUTH)
- 4. MULTI-USE RECTANGULAR FIEL (EAST)

USES:

- NANTUCKET SOCCER CLUB
- NANTUCKET YOUTH LACROSSE
- SOCCER PLUS
- SUMMER SOCCER LEAGUE
- OTHERS (TBD)



DRAFT

NANTUCKET, MA
PARKS AND RECREATION MASTER PLAN
2022



Weston & Sampson
design studio

Nobadeer Fields | Preliminary Cost Estimate

NANTUCKET, MA

7/7/2022

ITEM	QTY	UNIT	UNIT COST	SUBTOTAL
SITE PREPARATION				
SITE PREPARATION AND DEMOLITION	5	AC	\$ 5,000.0	\$ 24,024
EROSION CONTROL	5,000	LF	\$ 8.0	\$ 40,000
CONSTRUCTION FENCE	7,200	LF	\$ 10.0	\$ 72,000
TRACTION PAD	1	EA	\$ 7,500.0	\$ 7,500
REMOVE AND DISPOSE EX. ROADS & SIDEWALKS (LIMITED)	876	CY	\$ 5.0	\$ 4,380
FULL FIELD - NEW WOODLAND CLEARING	1.86	AC	\$ 45,000.0	\$ 83,678
FULL FIELD - PREPARATION FOR TURF REJUVENATION	81,000	SF	\$ 0.5	\$ 40,500
FULL FIELD - FULL DEPTH CLEARING & REUSE MATERIALS	81,000	SF	\$ 1.0	\$ 81,000
SUBTOTAL:				\$ 353,082
EARTHWORK AND DRAINAGE				
ROUGH/ FINE GRADING	23,256	SY	\$ 5.0	\$ 116,278
COMPACTION	23,256	SY	\$ 2.0	\$ 46,511
CUT AND FILL	4,752	CY	\$ 20.0	\$ 95,037
SUBTOTAL:				\$ 257,826
SITE IMPROVEMENTS				
VEHICULAR BITUMINOUS CONCRETE @ 4" DEPTH	322	TON	\$ 200.0	\$ 64,374
GRAVEL BASE AT VEHICULAR ROAD @ 12" DEPTH	1,352	CY	\$ 40.0	\$ 54,074
BITUMINOUS CONCRETE PAVEMENT @ 3" DEPTH	71	TON	\$ 200.0	\$ 14,286
GRAVEL BASE AT BIT. CONCRETE SIDEWALK @ 8" DEPTH	267	CY	\$ 40.0	\$ 10,667
GRANITE CURB AT PARKING	500	LF	\$ 75.0	\$ 37,500
LINE STRIPING AT PARKING	800	LF	\$ 2.5	\$ 2,000
SUBTOTAL:				\$ 182,900
SITE FURNITURE				
BIKE RACKS	6	EA	\$ 900.0	\$ 5,400
ENTRY SIGNAGE	1	LS	\$ 10,000.0	\$ 10,000
BLEACHERS (10'X20' SIZE; 3-4 ROWS)	4	EA	\$ 10,000.0	\$ 40,000
BENCHES	3	EA	\$ 2,500.0	\$ 7,500
TRASH RECEPTACLES	2	EA	\$ 1,500.0	\$ 3,000
ENCLOSED STORAGE UNIT (50'X20') ON CONCRETE PAD	1	EA	\$ 5,000.0	\$ 5,000
ADA WARNING MATT	4	EA	\$ 200.0	\$ 800
ADA PARKING SIGNAGE	2	EA	\$ 800.0	\$ 1,600
SOCCER GOALS	4	EA	\$ 1,500.0	\$ 6,000
SUBTOTAL:				\$ 79,300
FIELD CONSTRUCTION AND PLANTING				
LOAM & HYDROSEED; DISTURBED AREAS (6" LOAM DEPTH)	1,667	SY	\$ 8.0	\$ 13,333
ROOTZONE MIX - 8" DEPTH - FULL FIELD - NEW WOODLAND	2,000	CY	\$ 80.0	\$ 160,000
ROOTZONE MIX - 4" DEPTH - FULL FIELD - TURF REJUVENATION	1,000	CY	\$ 80.0	\$ 80,000
ROOTZONE MIX - 8" DEPTH - FULL FIELD - FULL DEPTH REUSE MATERIALS	2,000	CY	\$ 80.0	\$ 160,000
DRAINAGE STONE (4" DEPTH) AT 2 FIELDS	2,000	CY	\$ 40.0	\$ 80,000
TREE PLANTING (2.5"-3" CALIPER)	50	EA	\$ 1,200.0	\$ 60,000
SUBTOTAL:				\$ 553,333
DRAINAGE AND IRRIGATION				
COUNTRY DRAINAGE AT PARKING LOTS AND DRIVES	1	LS	\$ 40,000.0	\$ 40,000
SUBDRAINAGE AT 2 FIELDS	1	LS	\$ 80,000.0	\$ 80,000
IRRIGATION AT 2 FIELD	1	LS	\$ 150,000.0	\$ 150,000
SUBTOTAL:				\$ 270,000
ELECTRICAL IMPROVEMENTS				
ELECTRICAL SERVICE	1	LS	\$ 50,000.0	\$ 50,000
SPORTS LIGHTING	4	EA	\$ 100,000.0	\$ 400,000
PARKING LOT LIGHTING	1	LS	\$ 80,000.0	\$ 80,000
SUBTOTAL:				\$ 530,000
CONSTRUCTION SUBTOTAL:				\$ 2,226,441
ESCALATION 2023 (3%/YR):				\$ 66,793
MOBILIZATION, OVERHEAD & PROFIT (15%):				\$ 333,966
CONTINGENCY (15%):				\$ 333,966
NANTUCKET ISLAND PREMIUM (25%):				\$ 556,610
CONSTRUCTION GRAND TOTAL				\$ 3,517,777
ANTICIPATED DESIGN & PERMITTING (12%):				\$ 267,173
DESIGN GRAND TOTAL				\$ 267,173
PROJECT GRAND TOTAL				\$ 3,784,950

Cost Estimate Disclaimer: This cost estimate is for planning purposes only. Pricing is in no way a guarantee. Cost estimate assumes construction from land and non hazardous material. Additionally, prices may vary significantly due to recent economic traits, volatility of inflation and escalation of construction prices.



Google

Nantucket Soccer Club

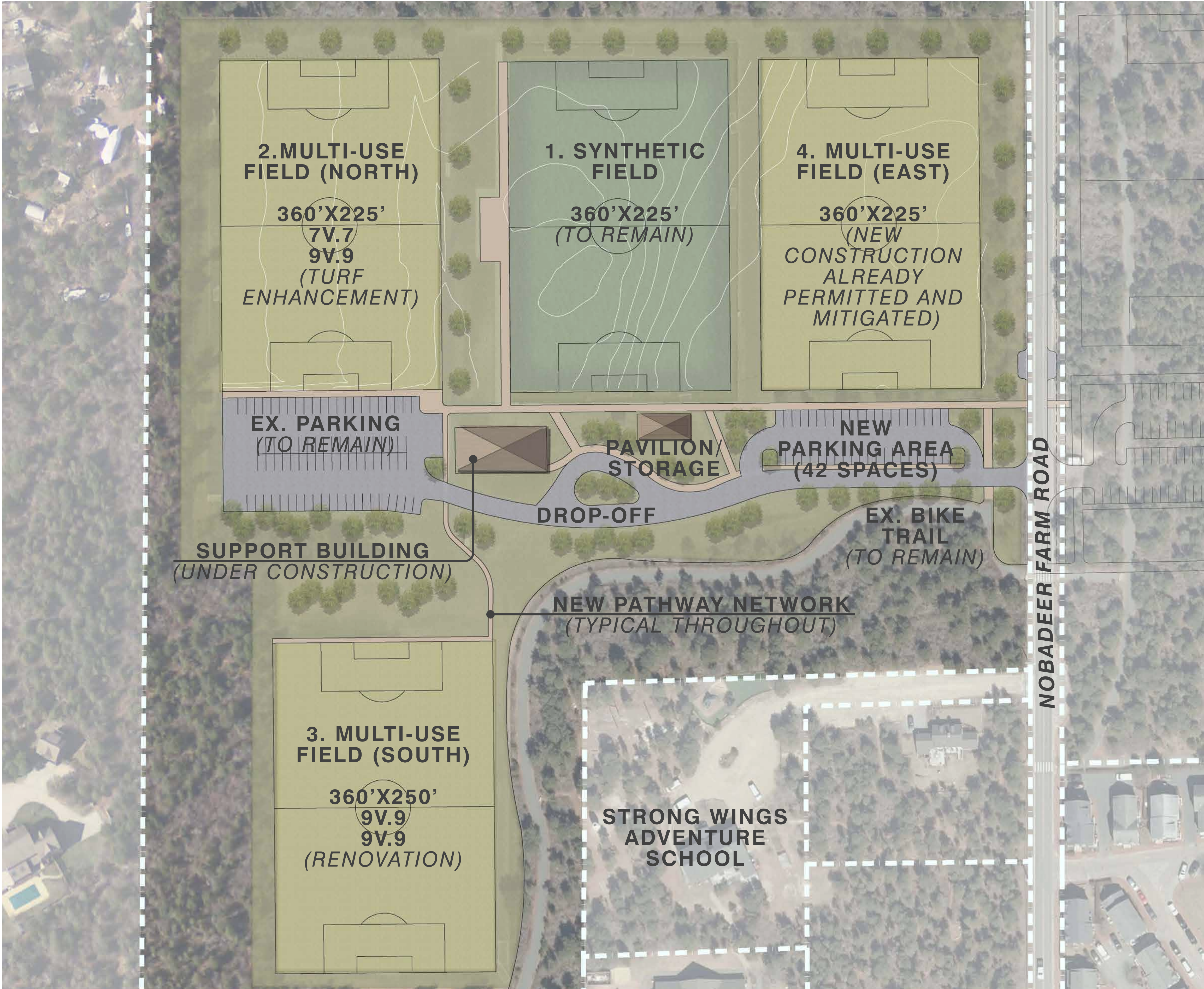
 Strong Wings
Adventure School

**Park Circle
Condominiums
Temporarily closed**

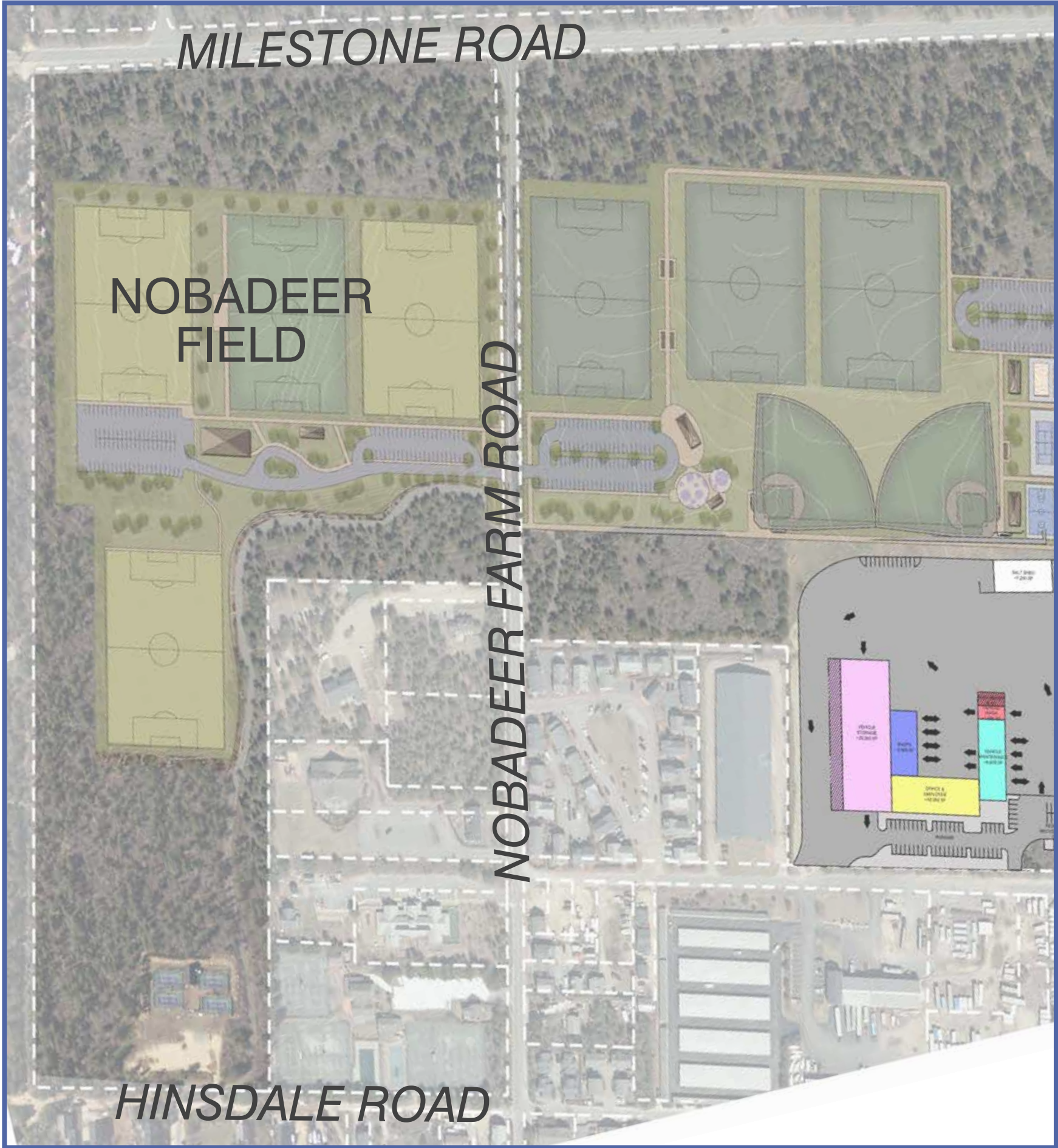
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Security IP Cameras for Parks in Nantucket

Prepared for:

Nantucket Mass Parks & Recreation Dept

Charles Polachi
cpolachi@nantucket-ma.gov

Prepared by:

setronics
security integrators

Andy Wilder
awilder@setronics.com

Monday, October 24, 2022

Nantucket Mass Parks & Recreation Dept
Charles Polachi
2 Bathing Beach Road
Nantucket, MA 02554
cpolachi@nantucket-ma.gov

Dear Charles,

Thank you for the opportunity to present the following Proposal # 22-003538.

The following detail outlines the scope of work for the sale and installation of IP cameras installed at (8) Nantucket Parks for surveillance

Scope of Work:

- Provide and install (1) NEMA enclosure with (1) PoE Network switch and (2) 360 Degree IP cameras at Tom Nevers Field
- Provide and install (1) NEMA enclosure with (1) PoE Network switch and (1) 270 Degree IP camera and (1) Fixed IP camera at Winter Park
- Provide and install (1) NEMA enclosure with (1) PoE Network switch and (2) 360 Degree IP cameras at North Jetties Beach
- Provide and install (1) NEMA enclosure with (1) PoE Network switch and (1) 360 Degree IP and (1) 5MP Fixed IP camera at Children's Beach
- Provide and install (1) NEMA enclosure with (1) PoE Network switch and (1) 270 Degree IP camera at Delta Fields
- Provide and install (1) NEMA enclosure with (1) PoE Network switch and (1) 360 Degree IP camera at Nobader Field
- Provide and install (1) NEMA enclosure with (1) PoE Network switch and (1) 360 Degree IP camera at Surfside Beach concession area
- Provide and install (1) PoE Network switch and (1) 360 Degree IP camera at the Salt Shed that has internet connection and is tied into the DPW Network
- Provide and install (6) UPS for power outages so staff will not have to go around and reset the PoE switches in case of these power outages
- Provide and install (11) Exacq Enterprise IP camera licenses for these added IP cameras that will be programmed back to the Nantucket Police Dept Exacqvision NVR
- Provide and install Cat 6 cable and connectors for IP cameras

Customer Responsibilities:

- Provide username and passwords for existing devices
- Need the MAC address for the Nantucket Police Dept Exacqvision NVR
- Need Nantucket IT dept to open ports and program in the IP cameras back to the Exacqvision NVR at the Police Station once Setronics has installed and powered up the PoE Network switch

Sincerely,

NVR w/4TB of Storage



Andy Wilder
Senior Sales Executive
Setronics Corp.

Project Price

Qty	Description
10	4MP IP 4X Multisensor, 2.8mm, Indoor/Outdoor, IP66, IK10, TDN, TWDR
2	5MP IP Vandal Dome Camera w/IR & 2.8mm Lens
10	Multisensor Wall Mount, White
10	Outside Corner Bracket for use w/ADLOMARM/ADCBMARM
2	Wall Mount Accessory
2	Pendant Adapter
8	8 Port PoE+ Network Switch
7	12x10x5 120 VAC Weatherproof Industrial Enclosure
8	UPS Rackmount 1000VA
11	Enterprise IP Camera License
1	IP Professional Camera License
1	Cable, Materials and Labor

Subtotal: **\$66,873.00**

Security IP Cameras for Parks in Nantucket

Prepared by:

Setronics Corp.

Andy Wilder
 Main Office: 978-671-5450
 Mobile: 978-835-9571
 Fax 978-6715448
awilder@setronics.com

Prepared for:

Nantucket Mass Parks & Recreation Dept

2 Bathing Beach Road
 Nantucket, MA 02554
 Charles Polachi
 (508) 228-7200
cpolachi@nantucket-ma.gov

Quote Information:

Quote #: 22-003538

Version: 2
 Delivery Date: 10/24/2022
 Expiration Date: 11/09/2022

Quote Summary

Description	Amount
Project Price	\$66,873.00
Total:	\$66,873.00

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Setronics Corp.

Nantucket Mass Parks & Recreation Dept

Signature: _____

Name: Andy Wilder

Title: Senior Sales Executive

Date: 10/24/2022

Signature: _____

Name: _____

Title: _____

Date: _____



Search here



Nantucket
Conservation Commn

Sandbar at Jetties Beach
Bar & Restaurant
Temporarily closed

Bathing Beach Rd

Nantucket Tennis

Bathing Beach Rd

Nantucket Parks
& Recreation

Nay

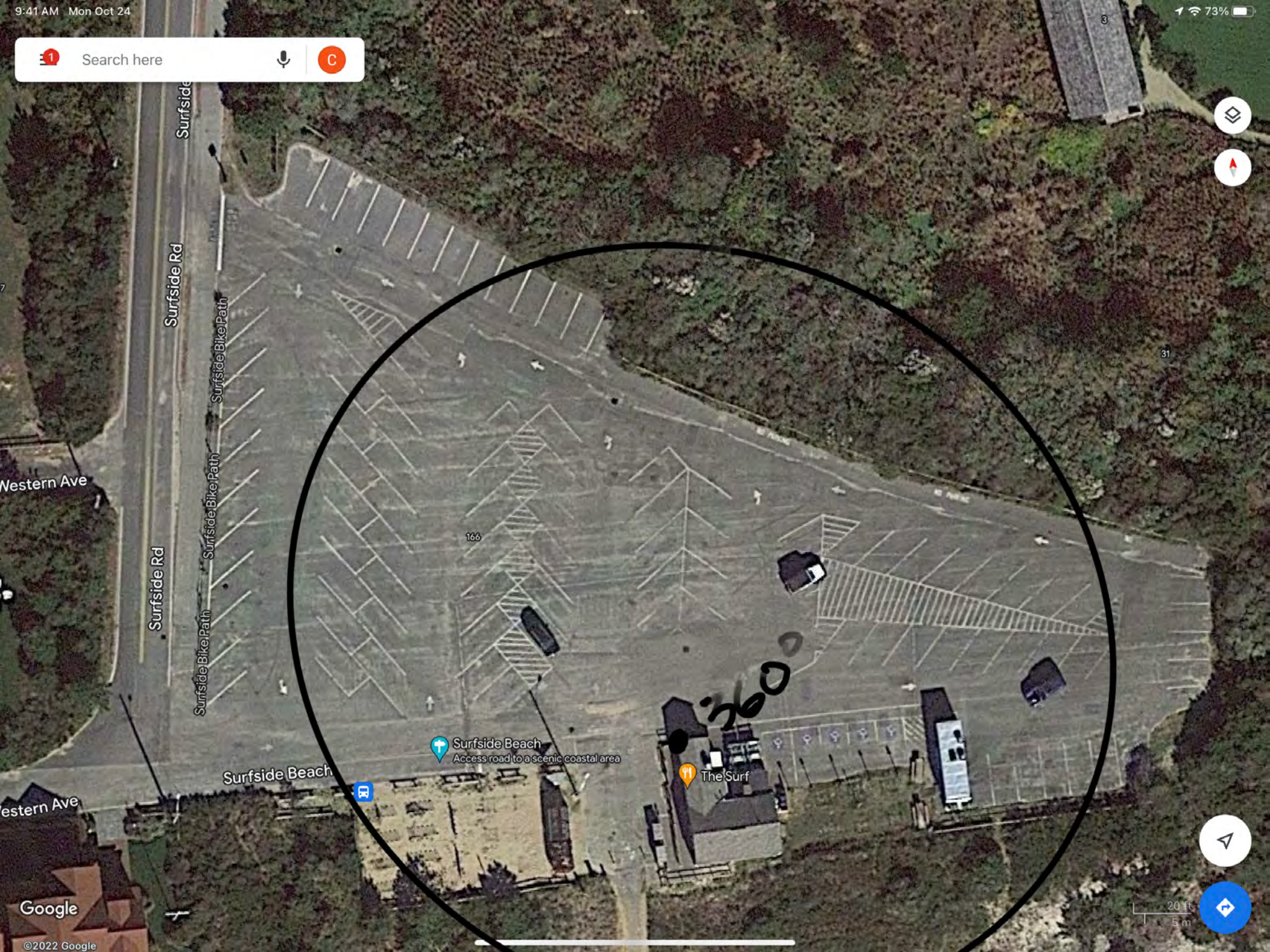
Harbor View Way

GypSea Café
Temporarily closed

3rd stand
Camera

~~Children's Beach
Playground~~

Search here



Surfside Rd

Surfside Bike Path

Surfside Rd

Surfside Bike Path

Surfside Beach

Surfside Beach
Access road to a scenic coastal area

The Surf

Google





Search here



Nantucket Soccer Club

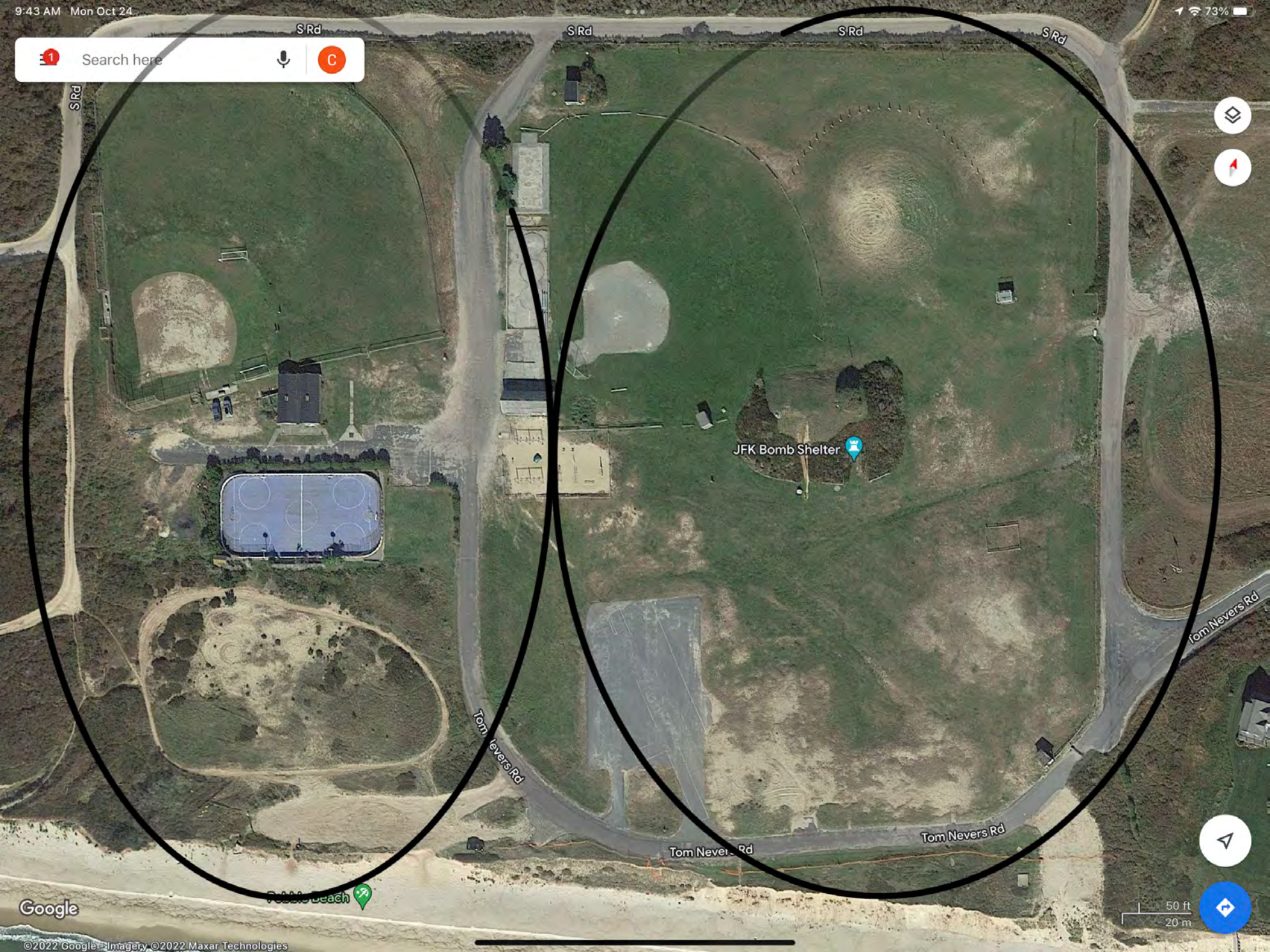
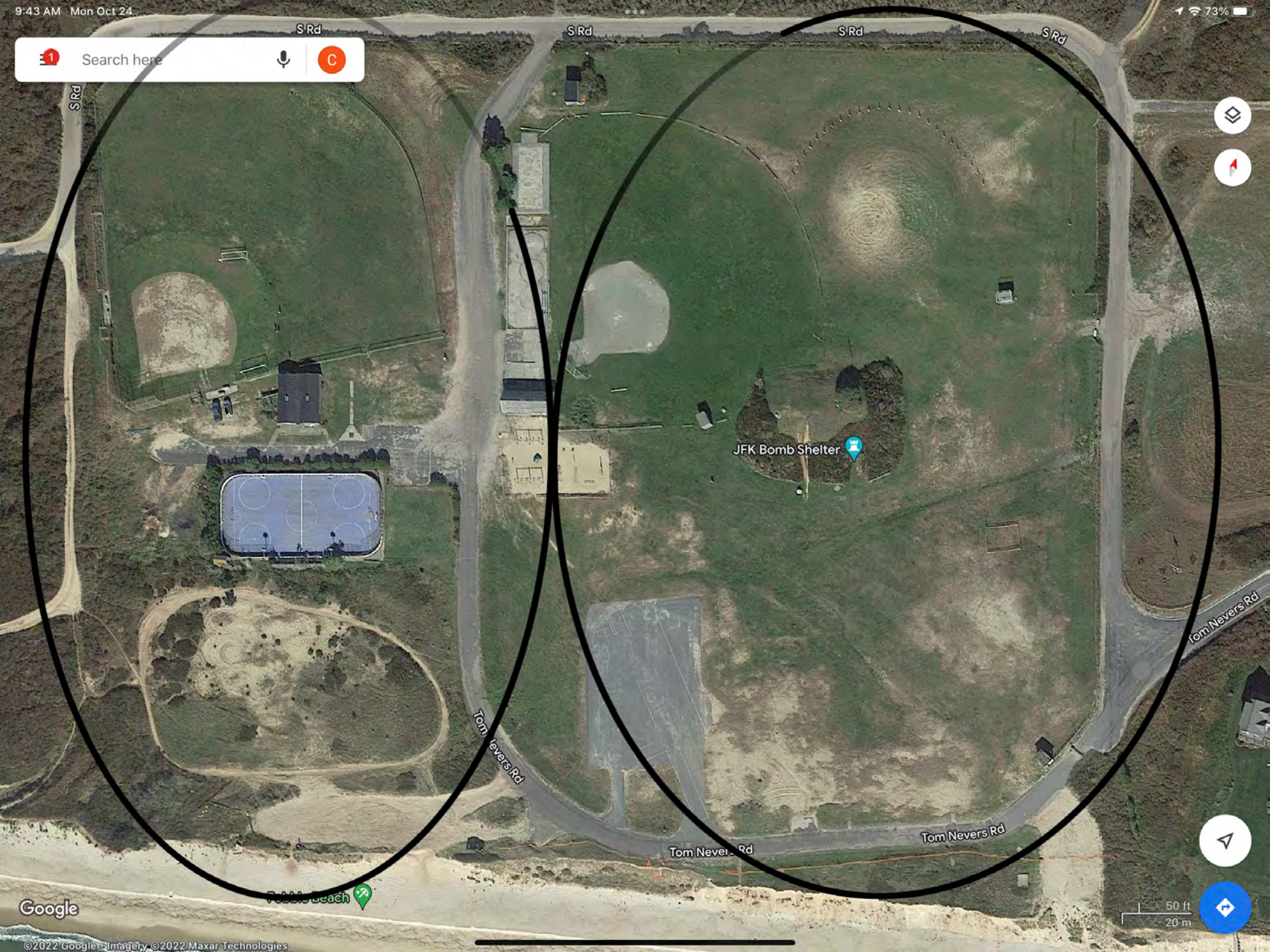
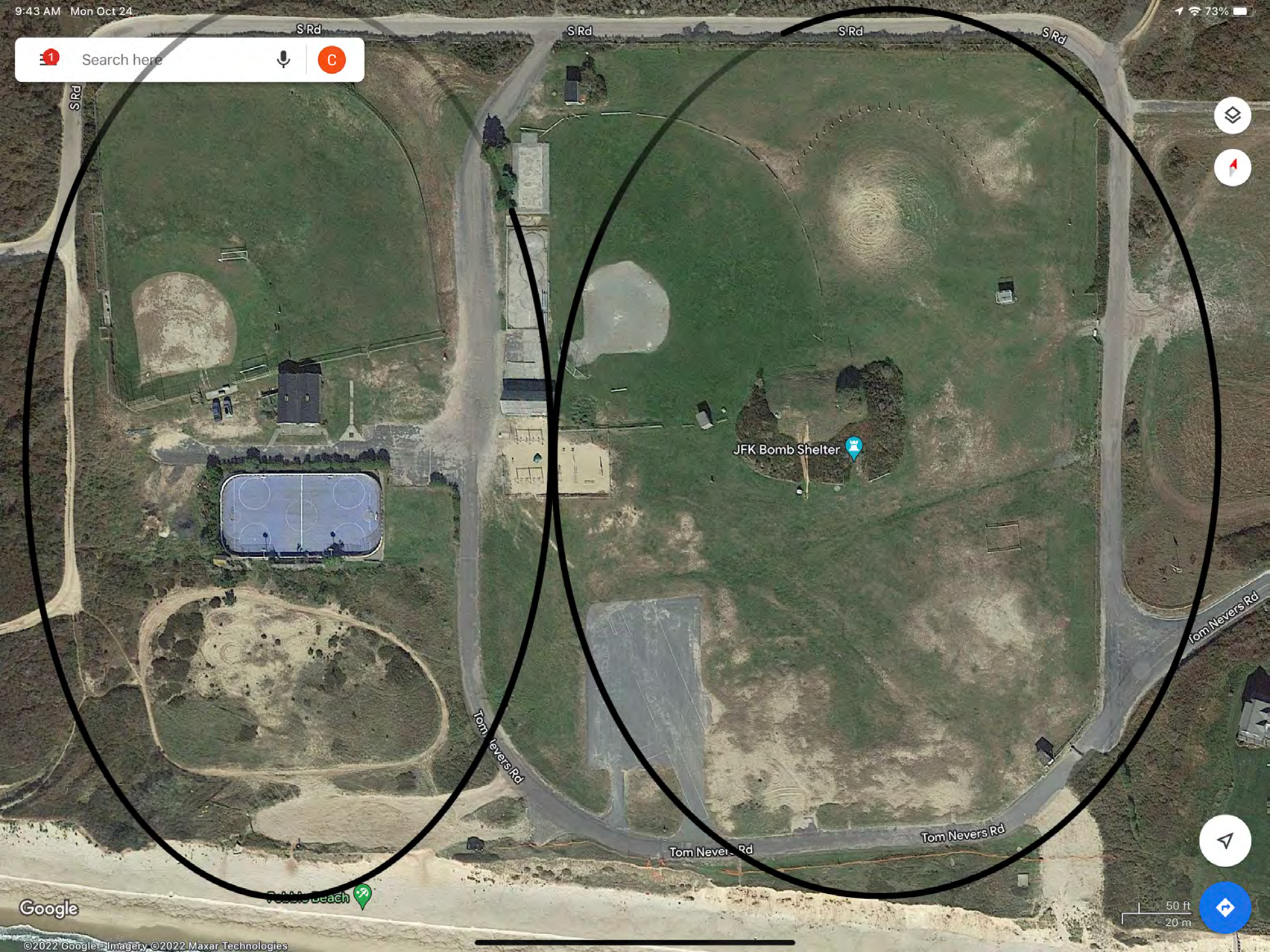
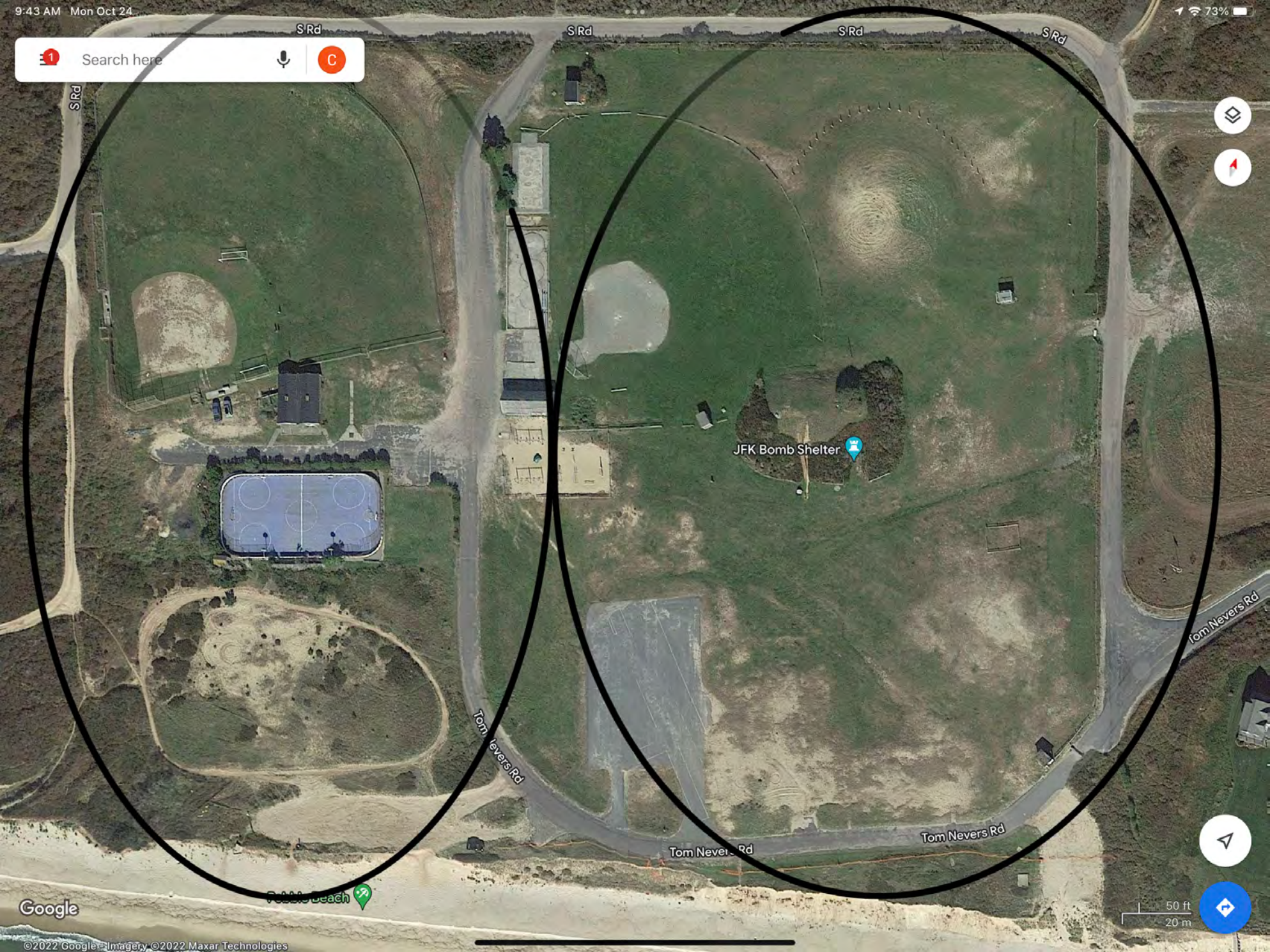
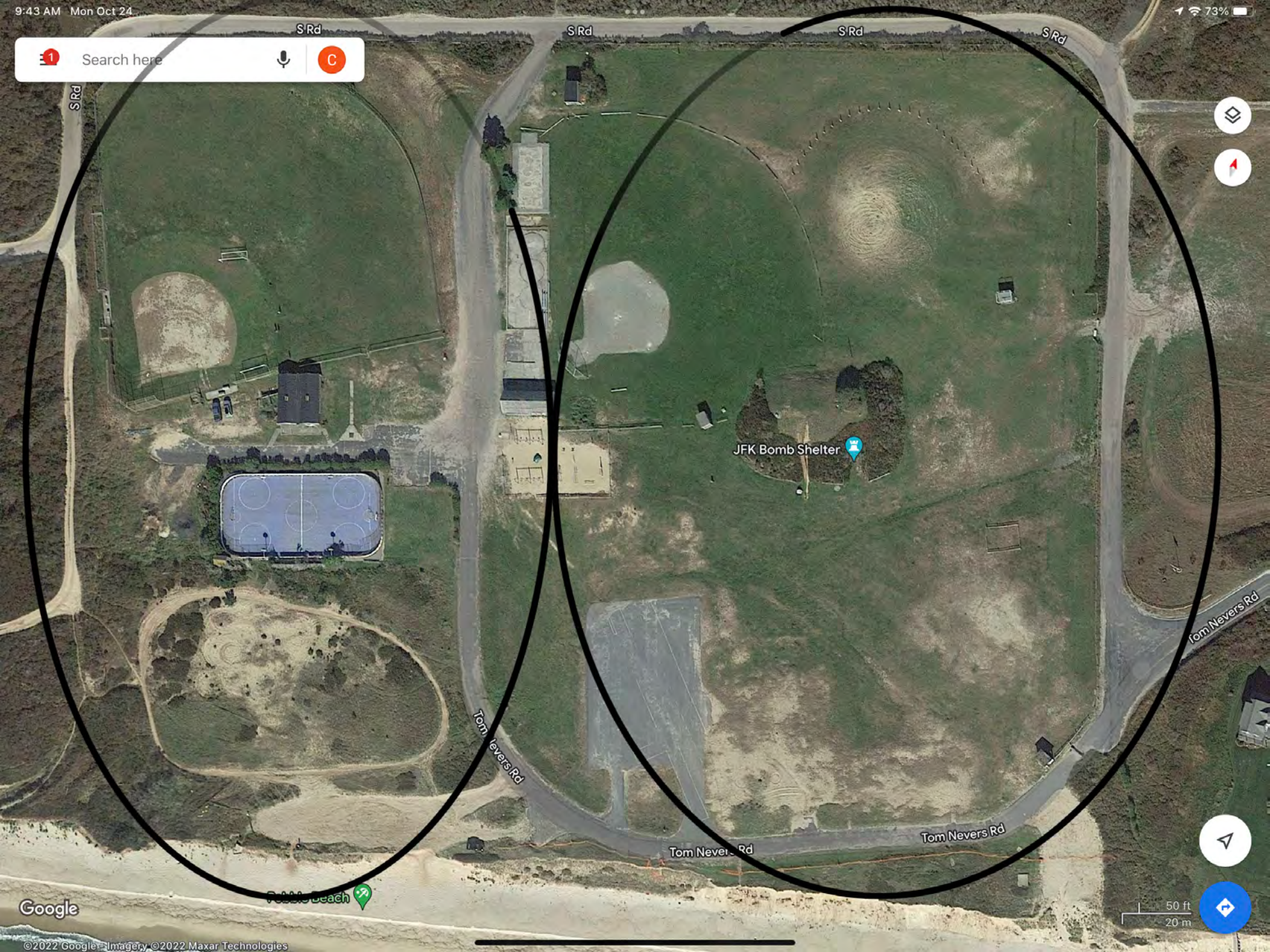
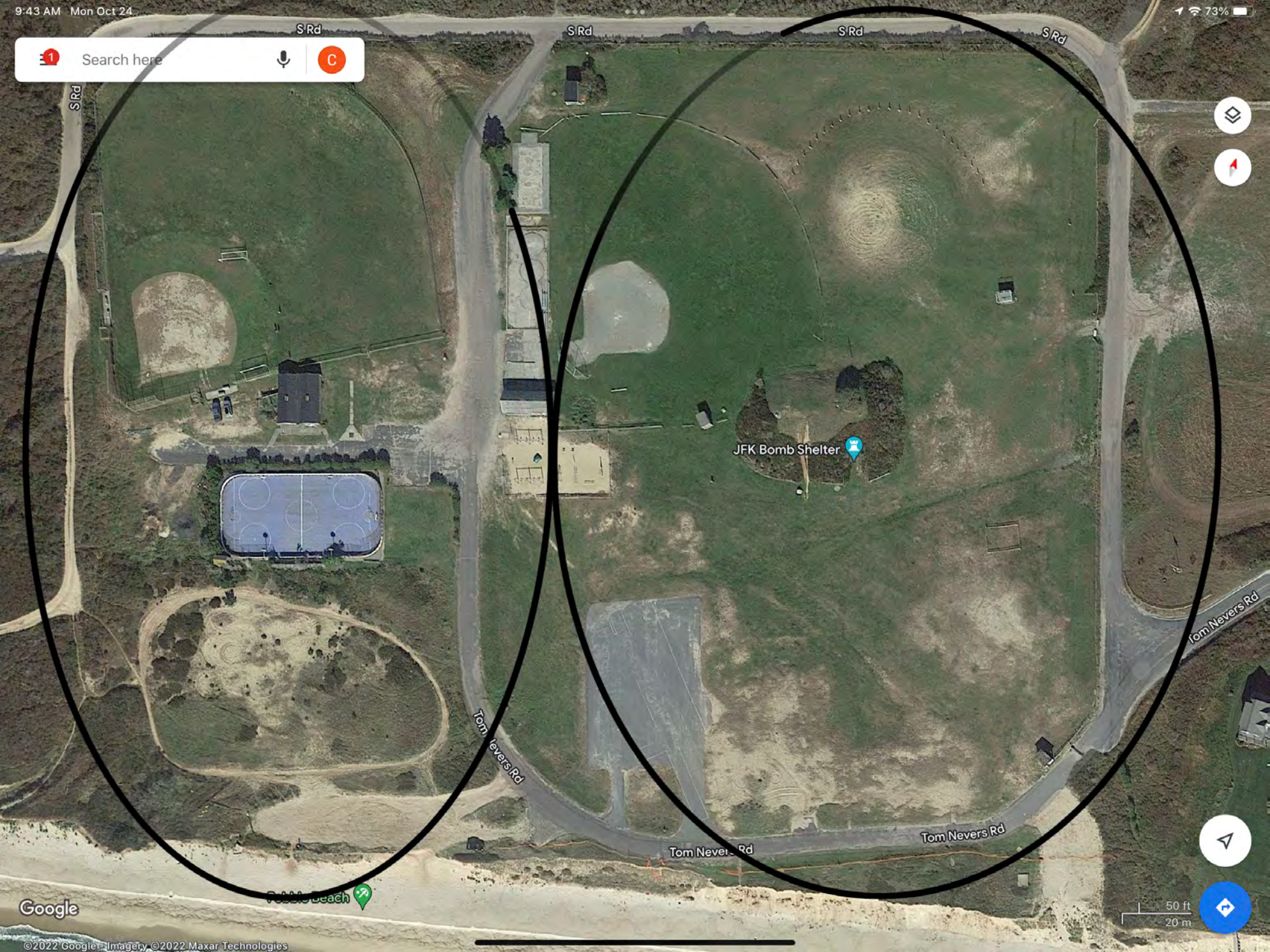
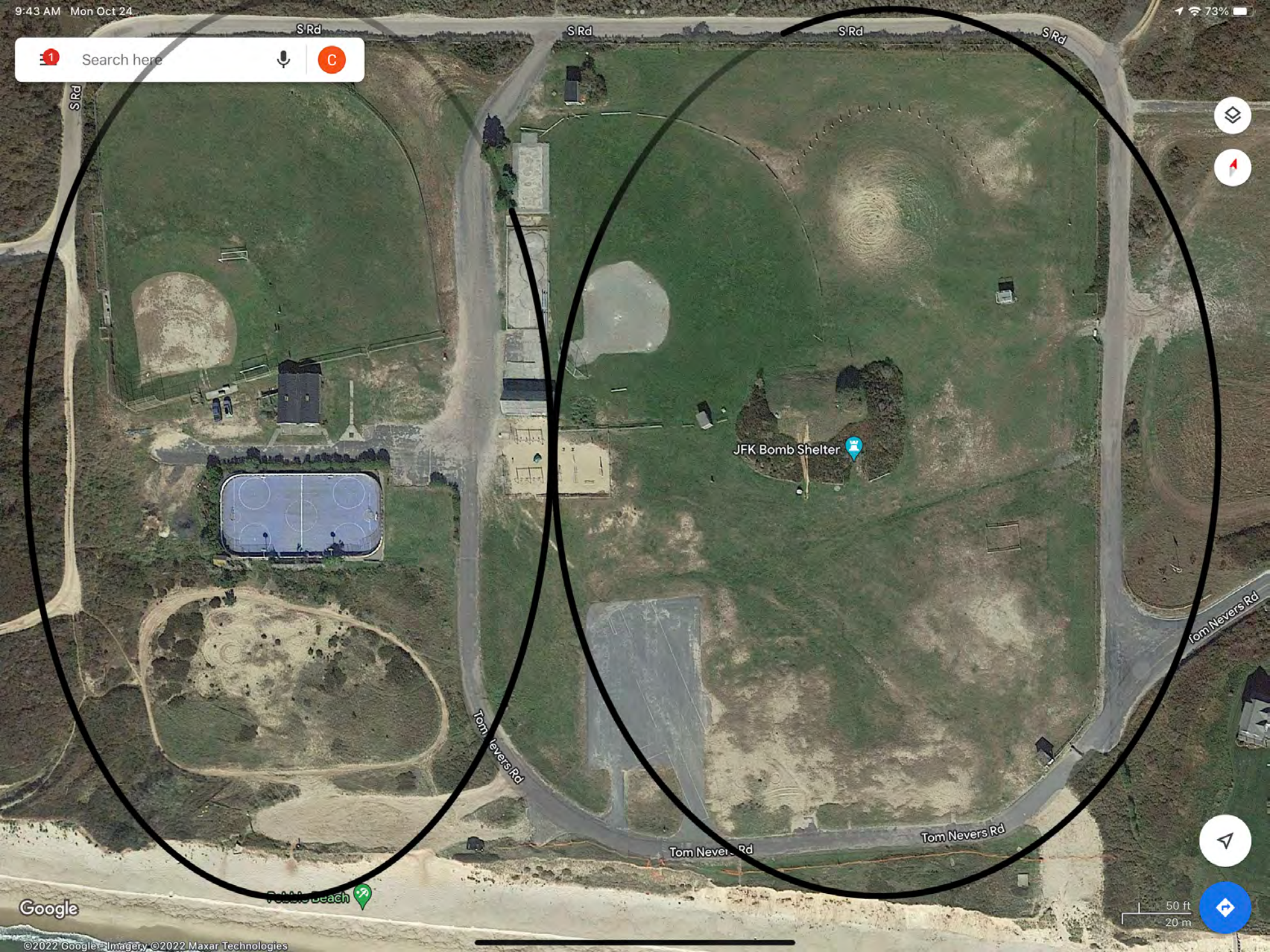
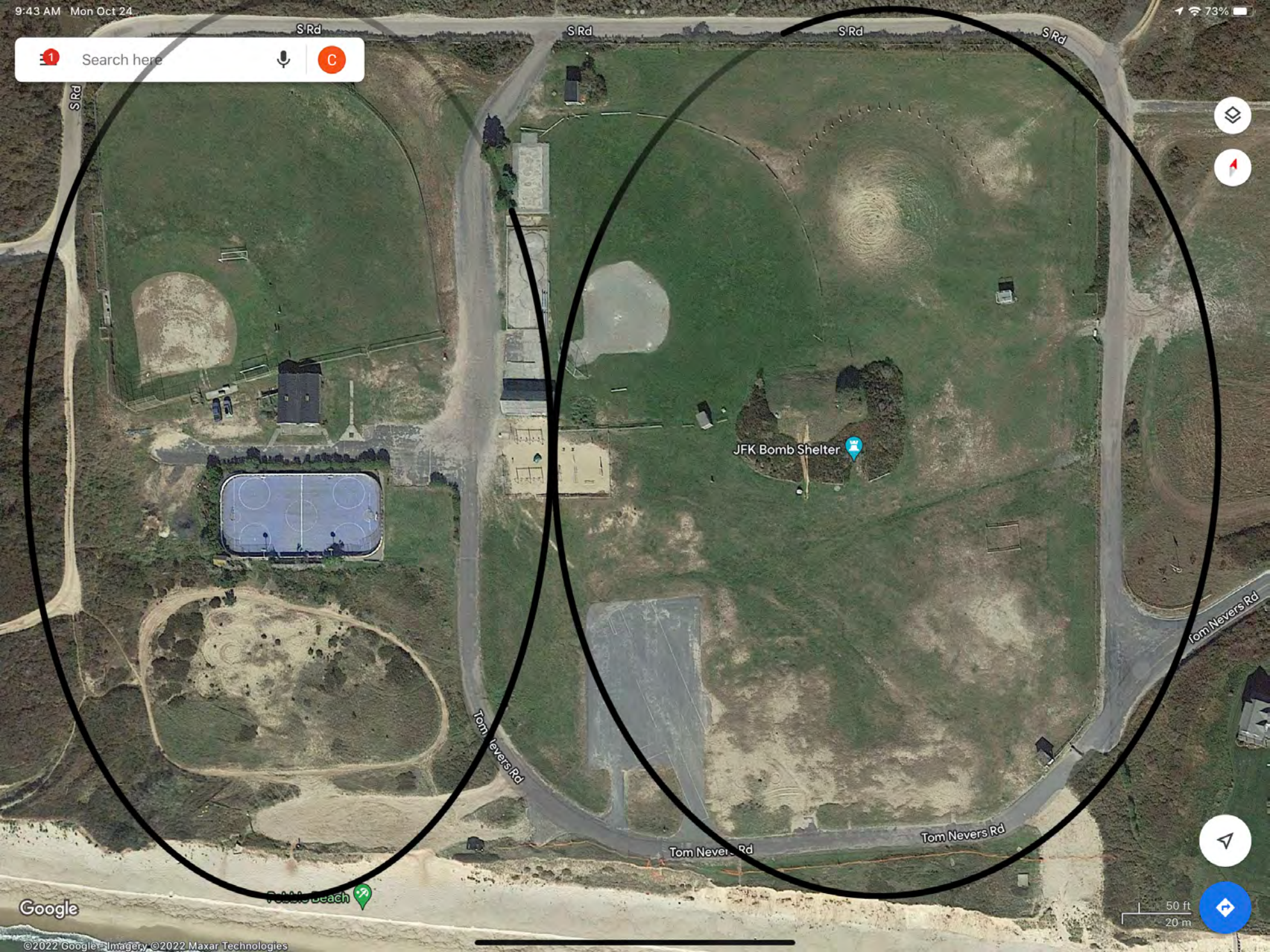
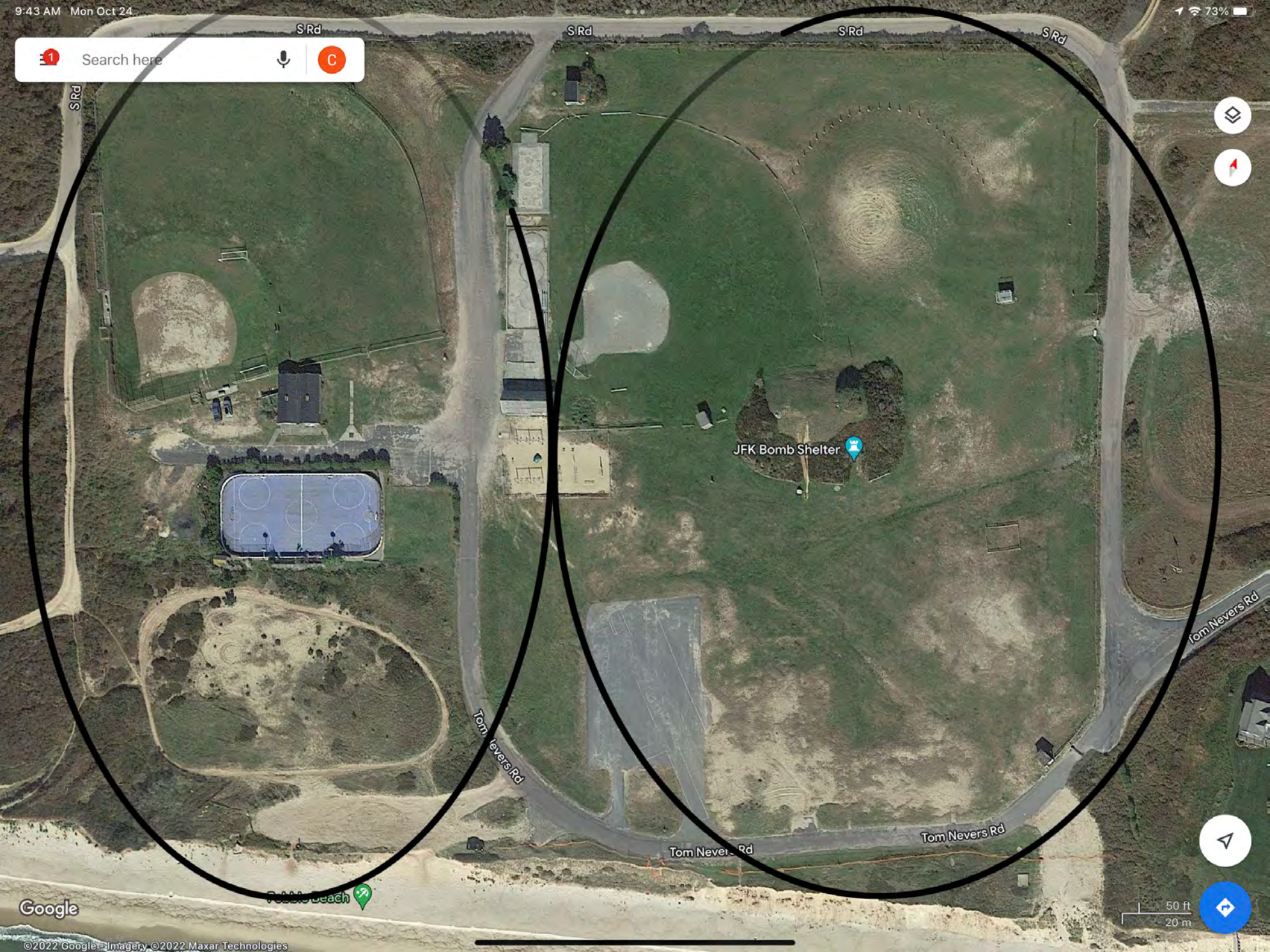
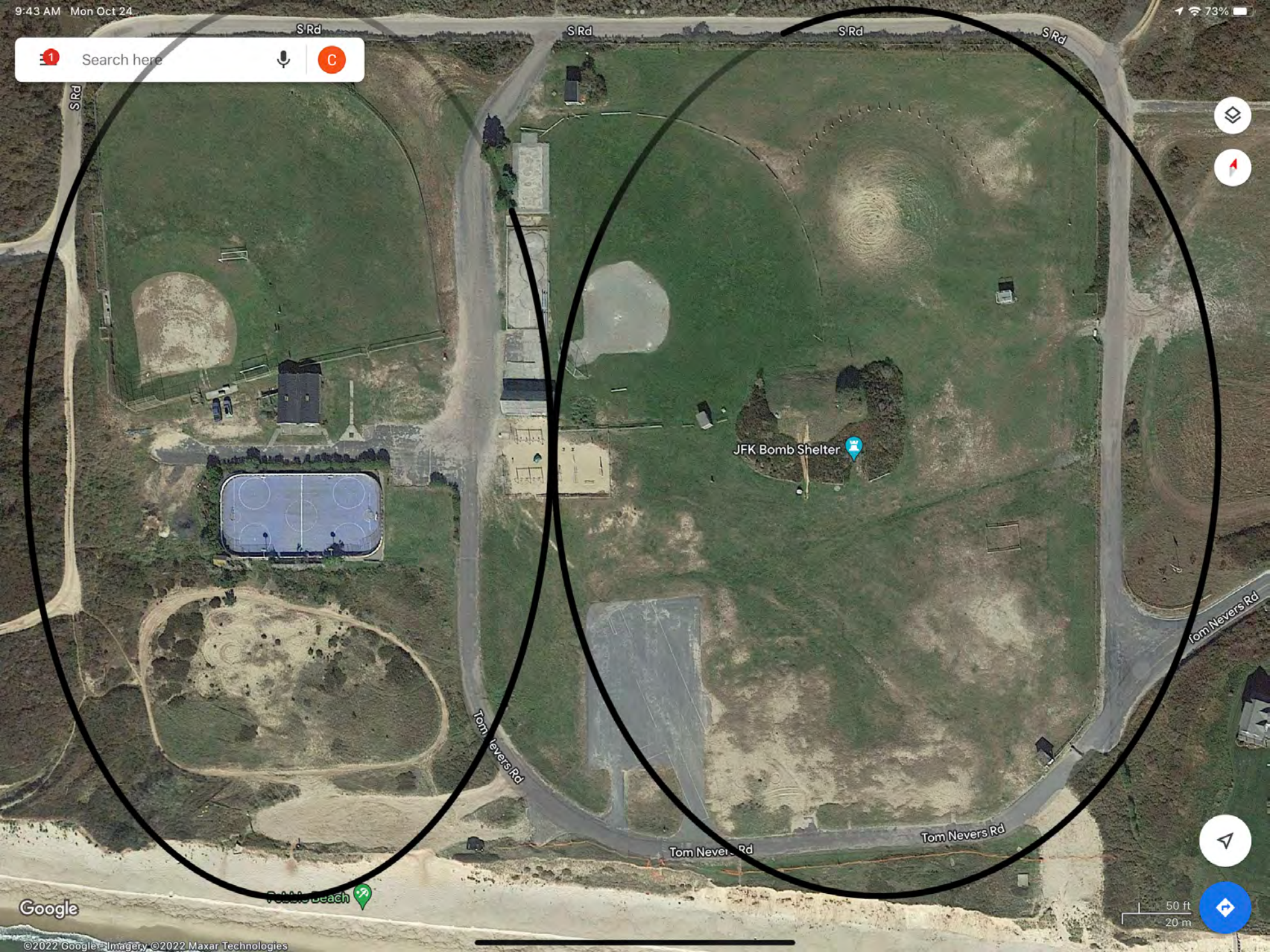
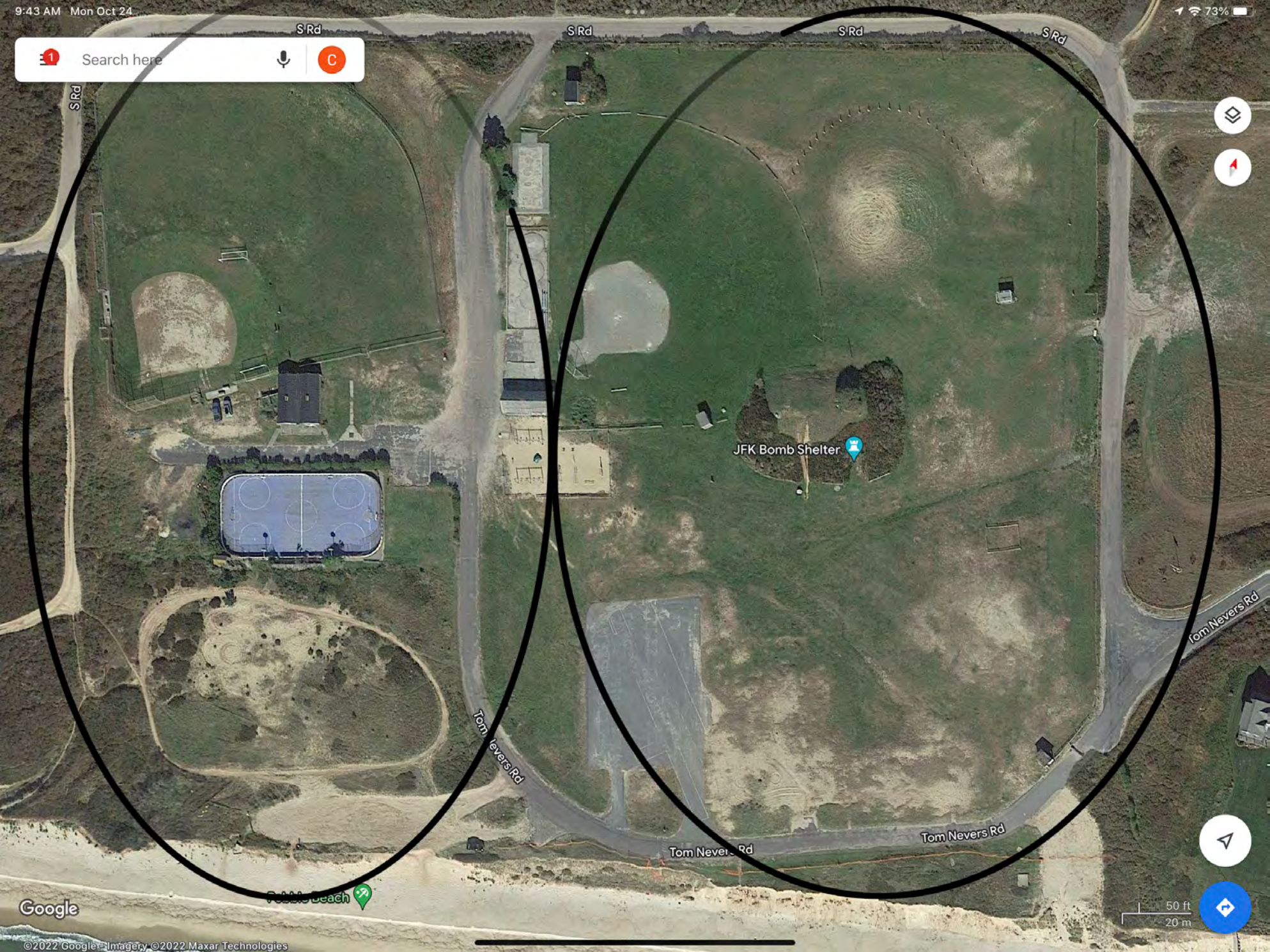
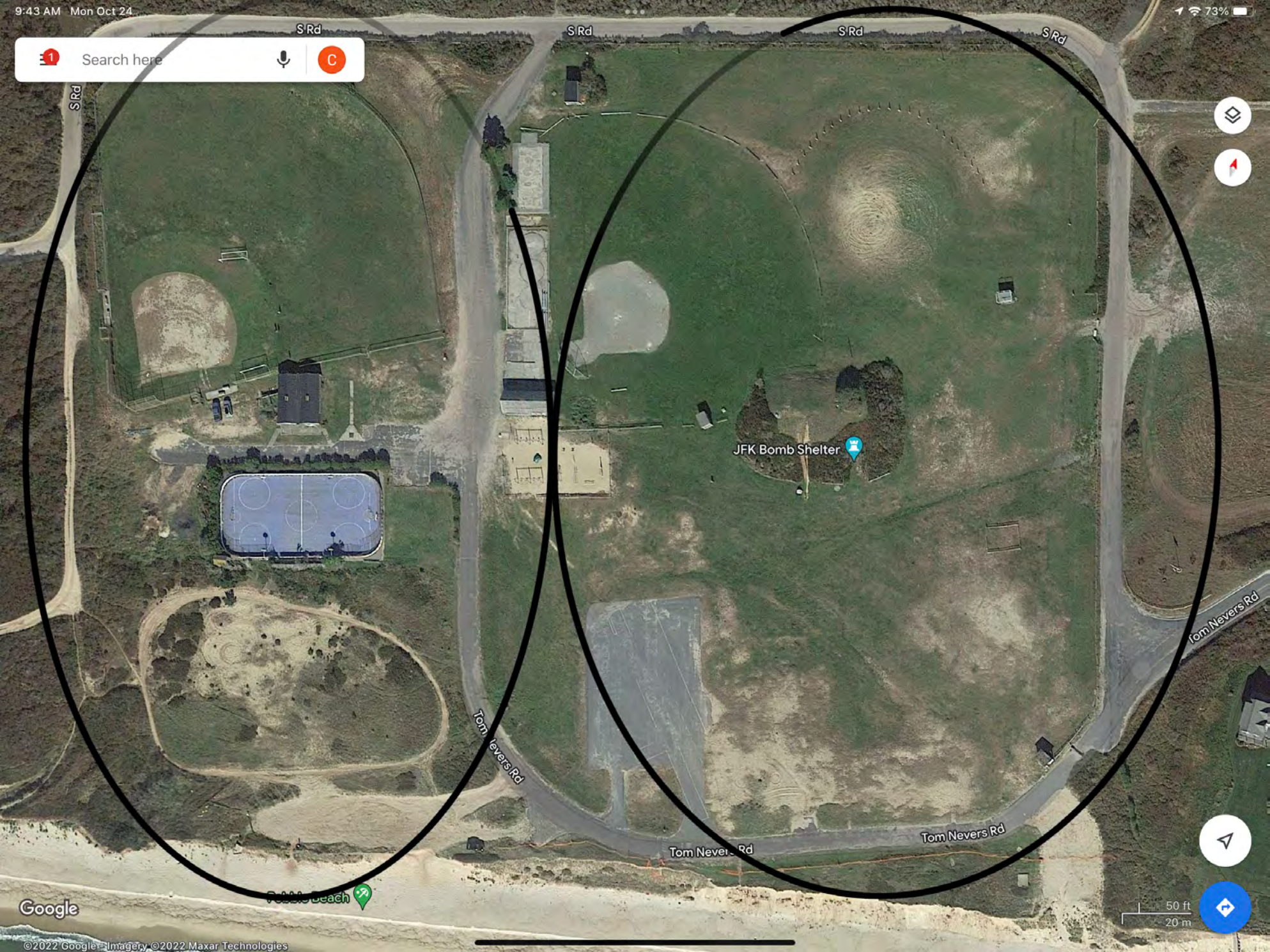
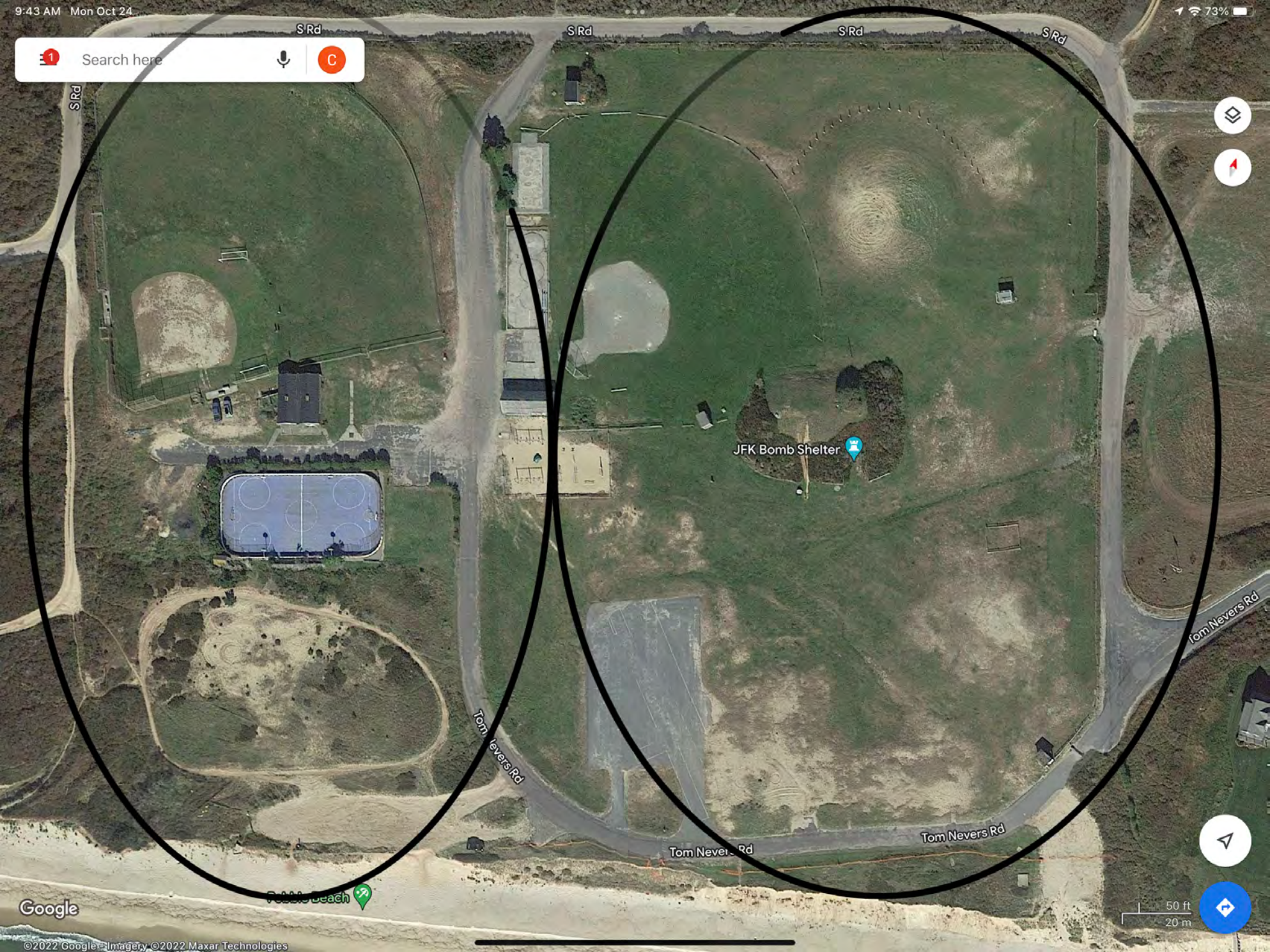
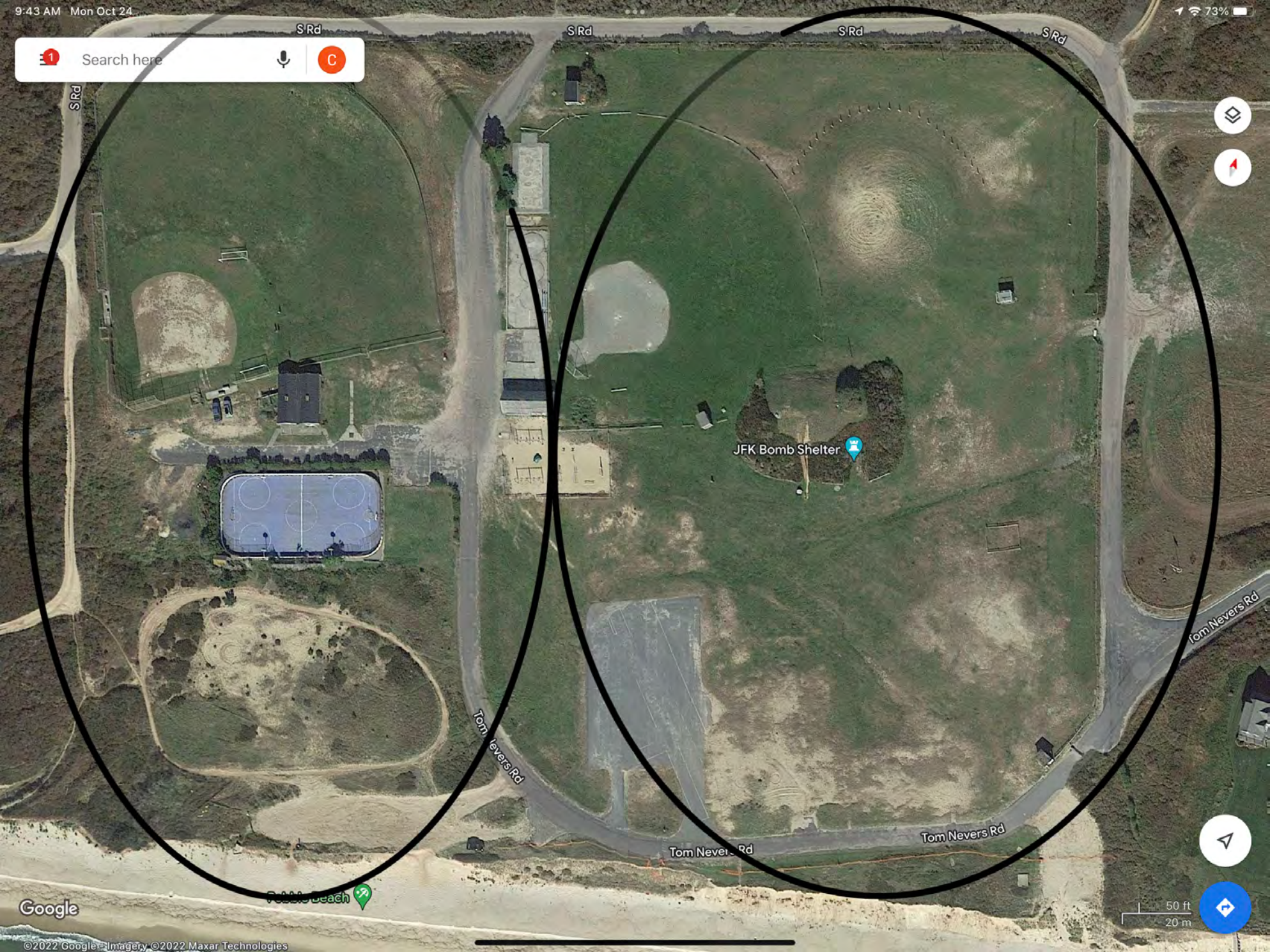
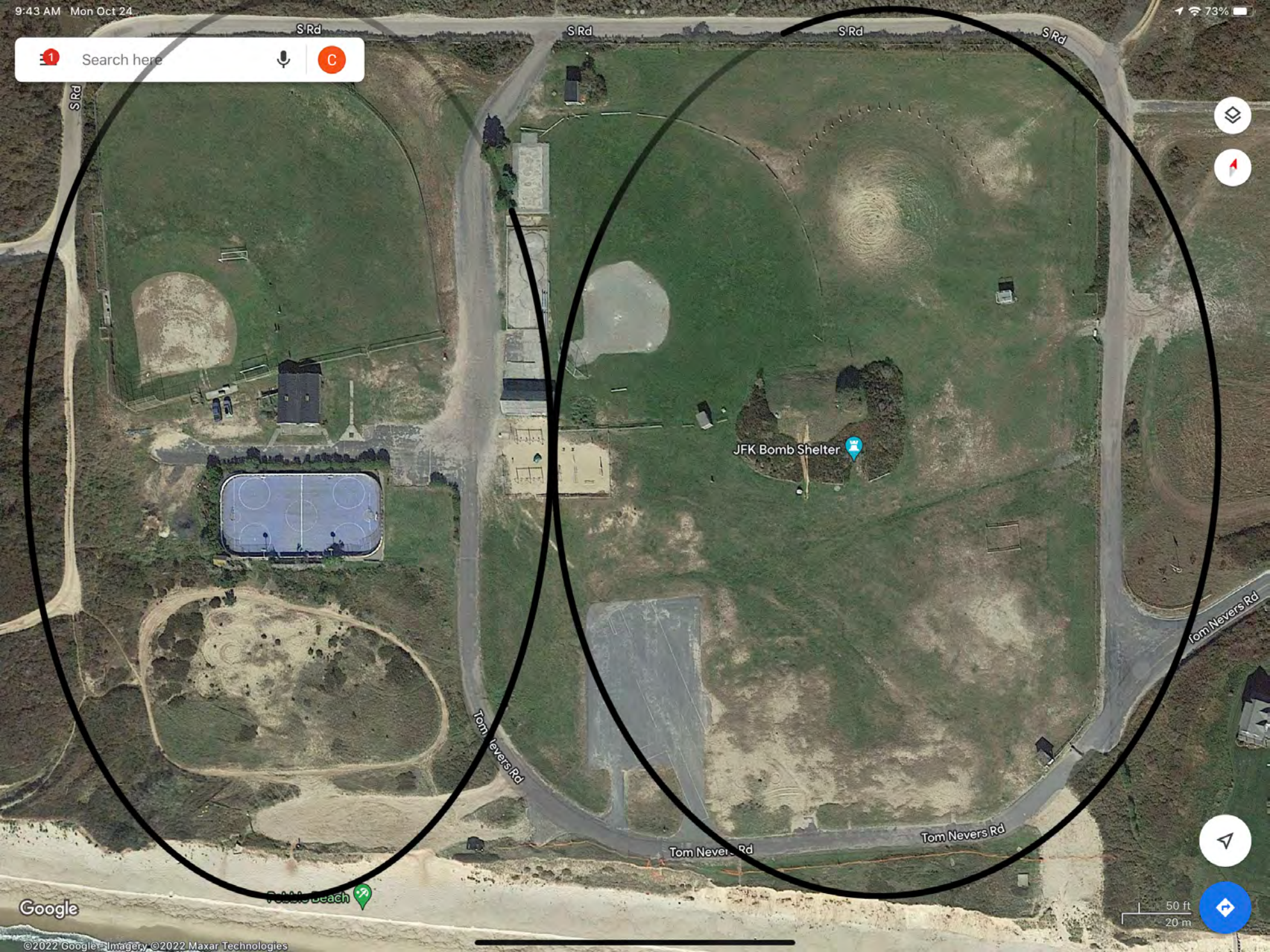
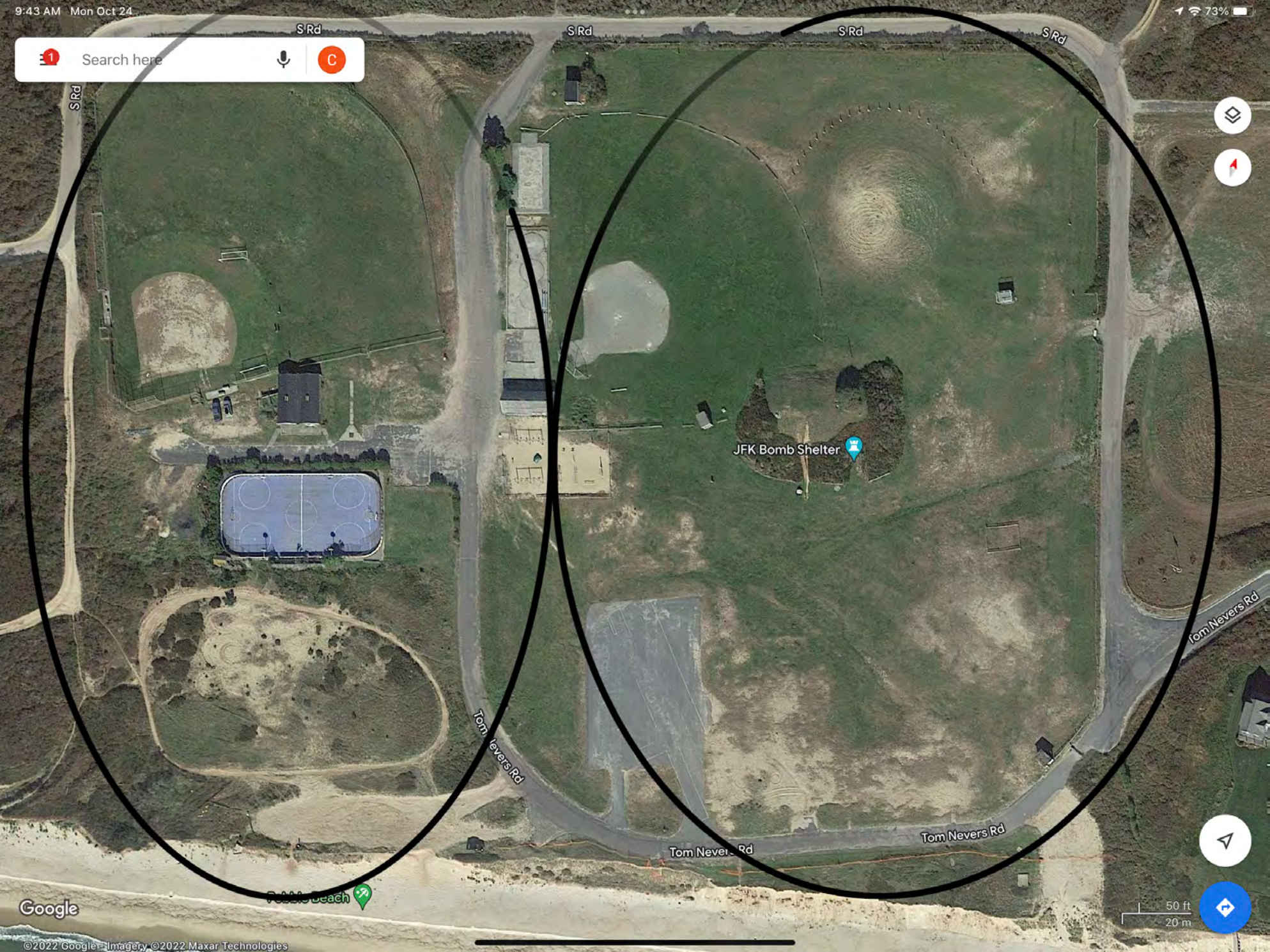
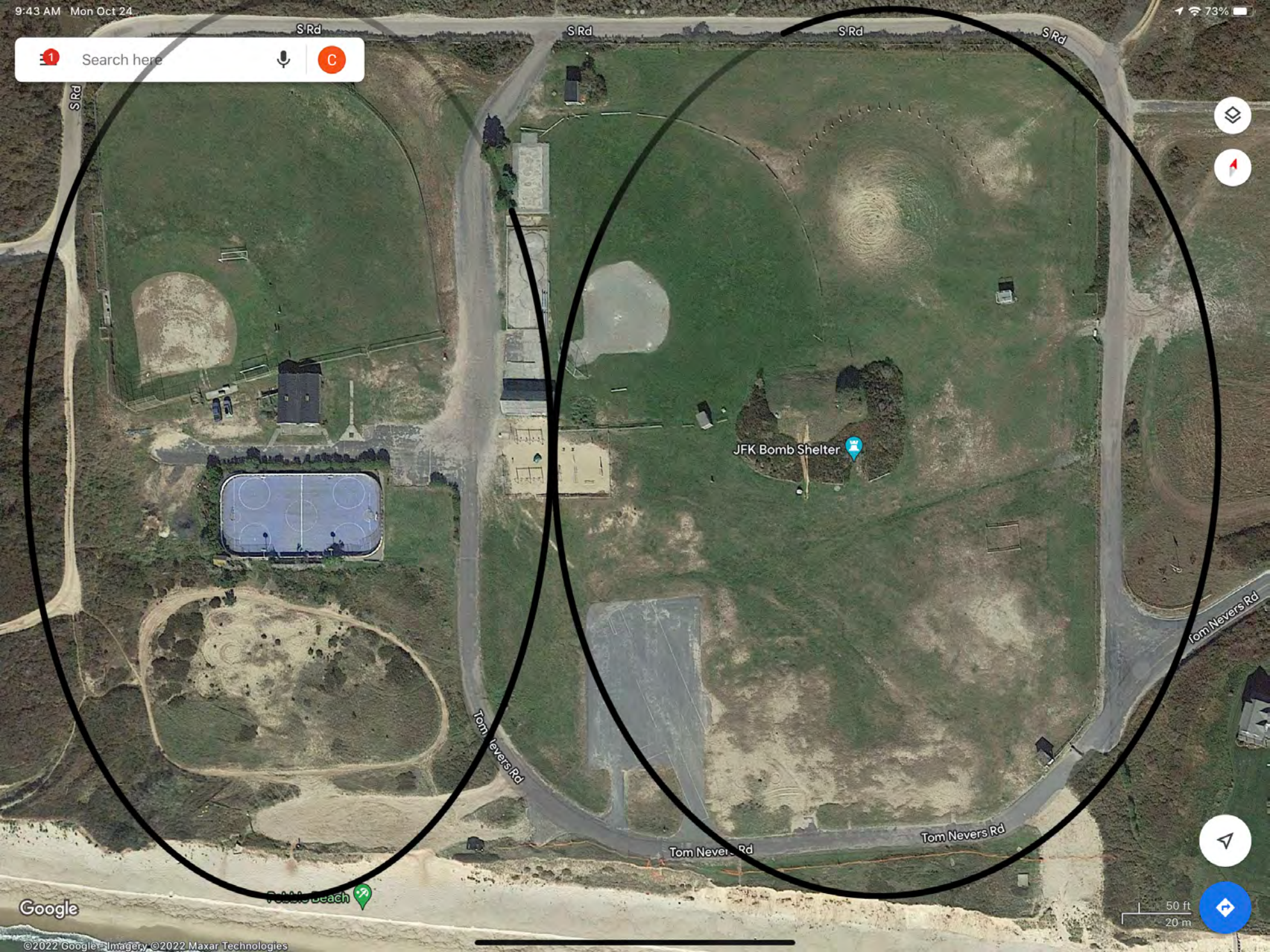
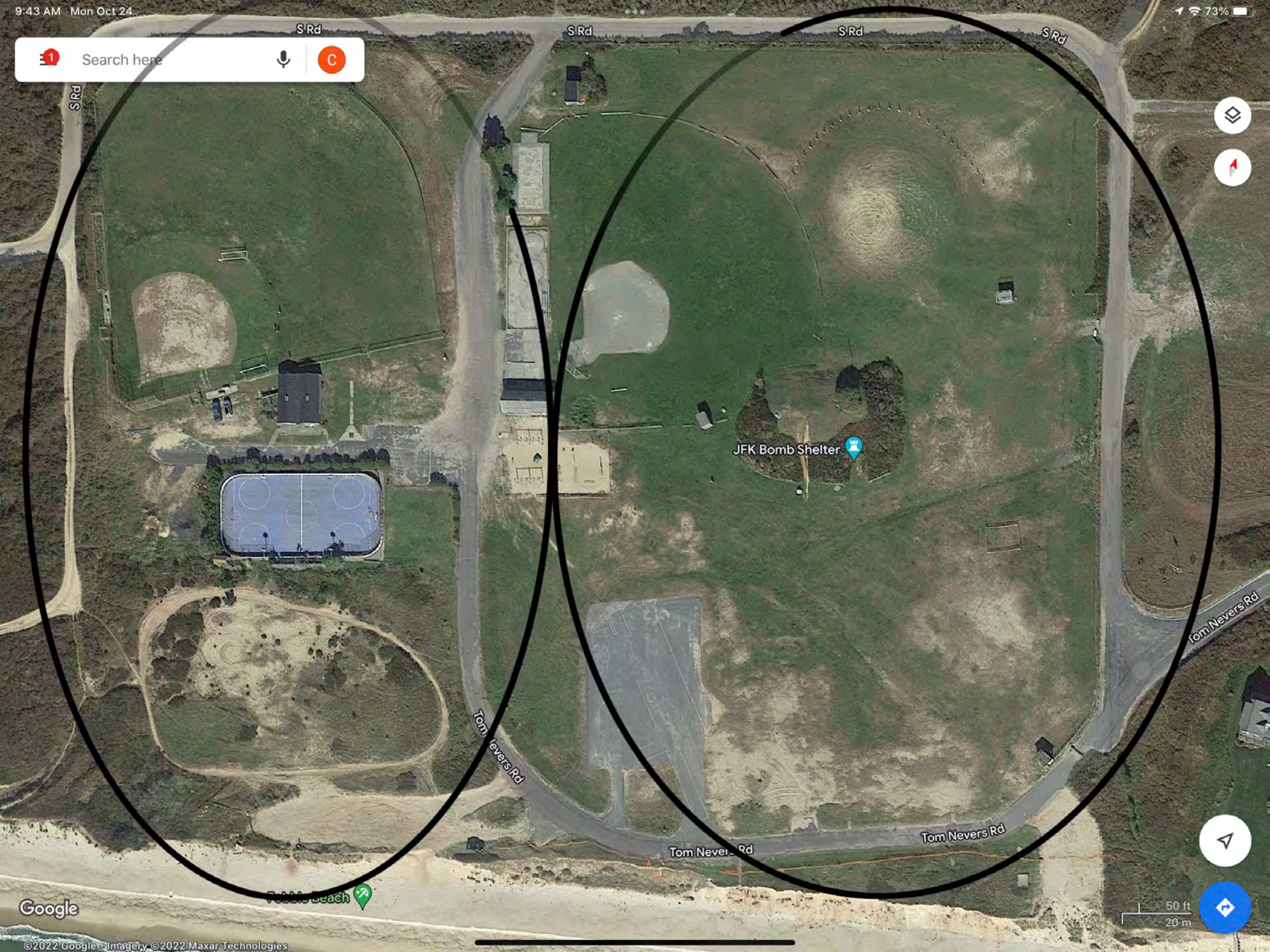
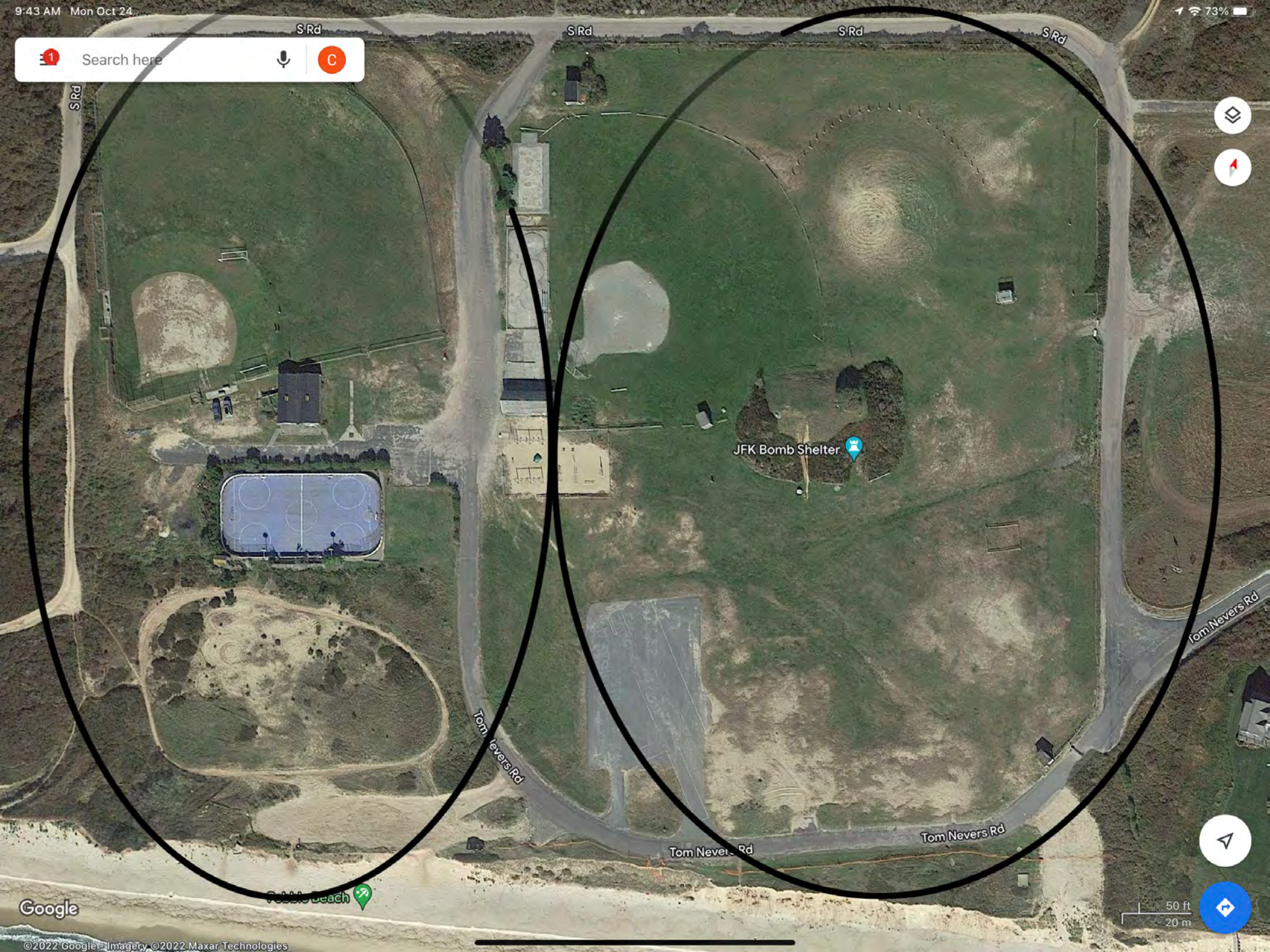
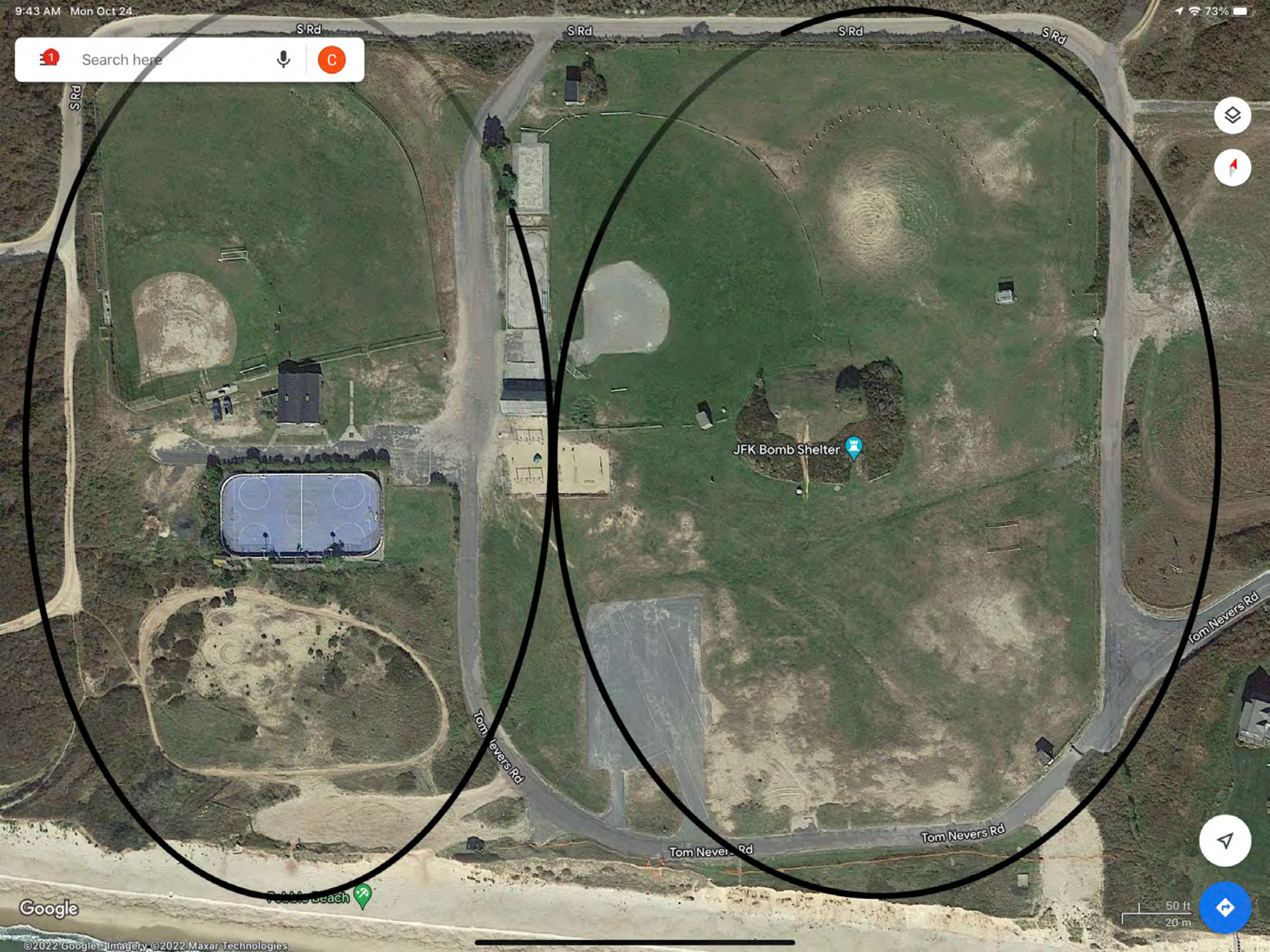
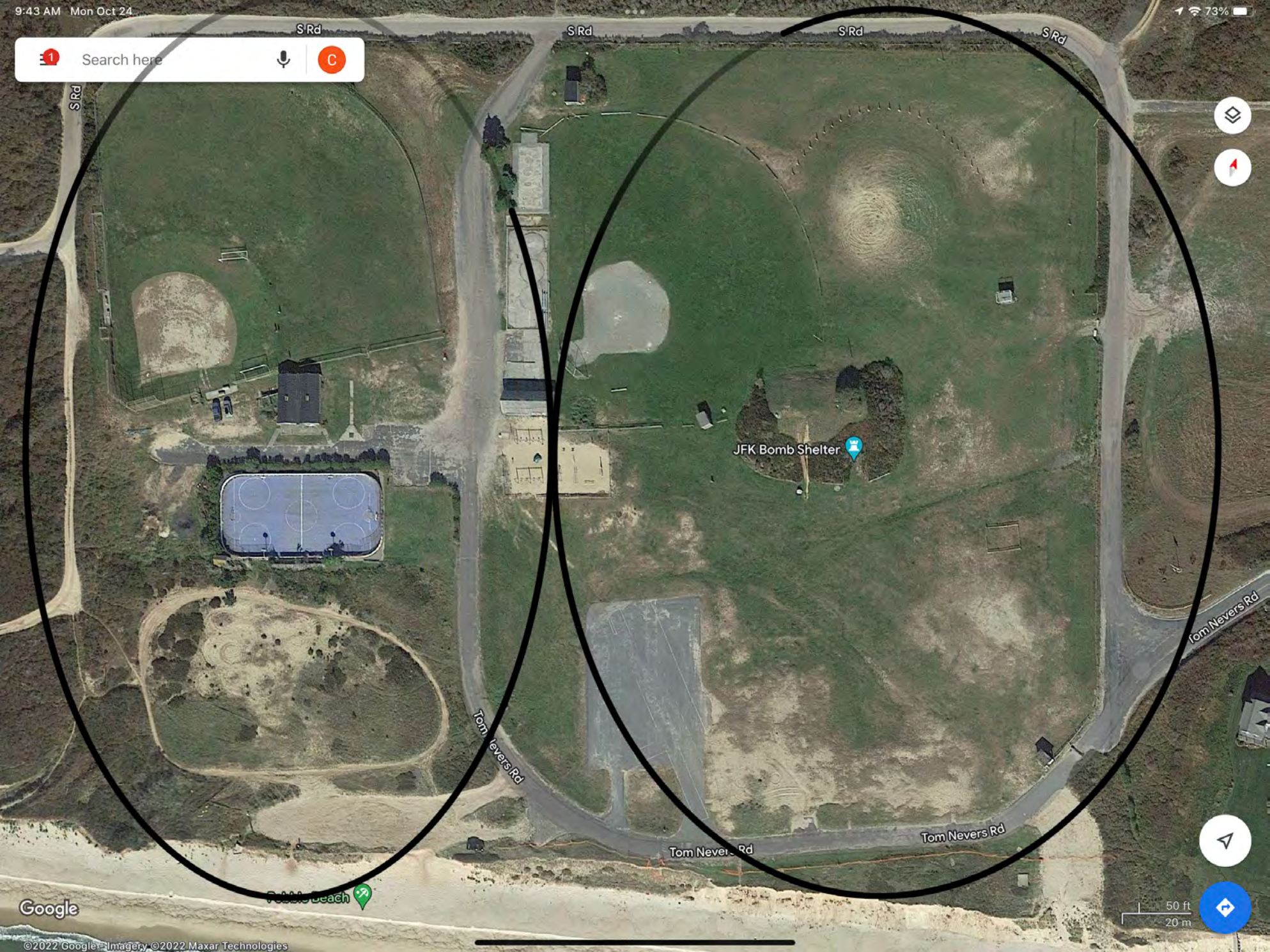
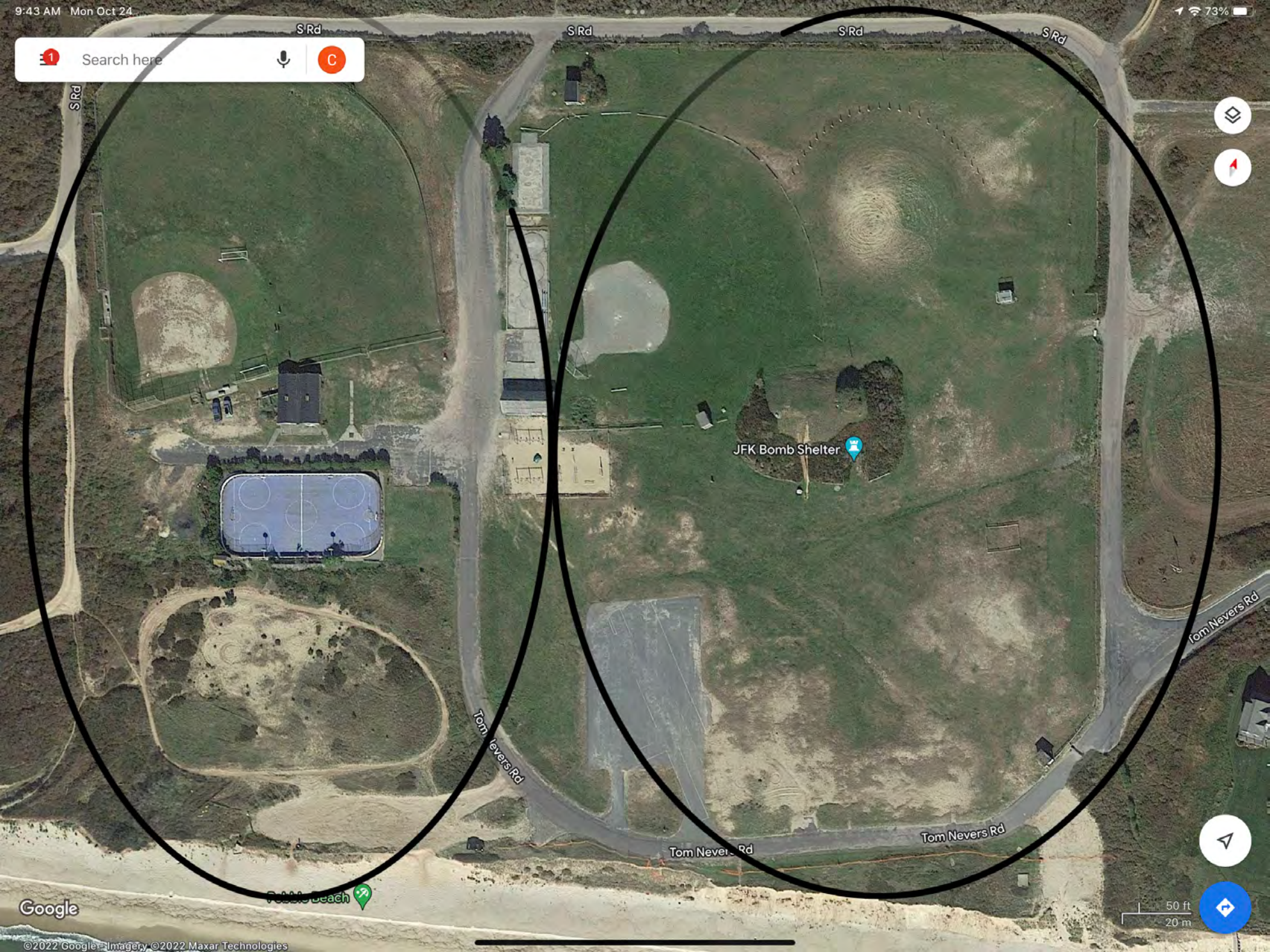
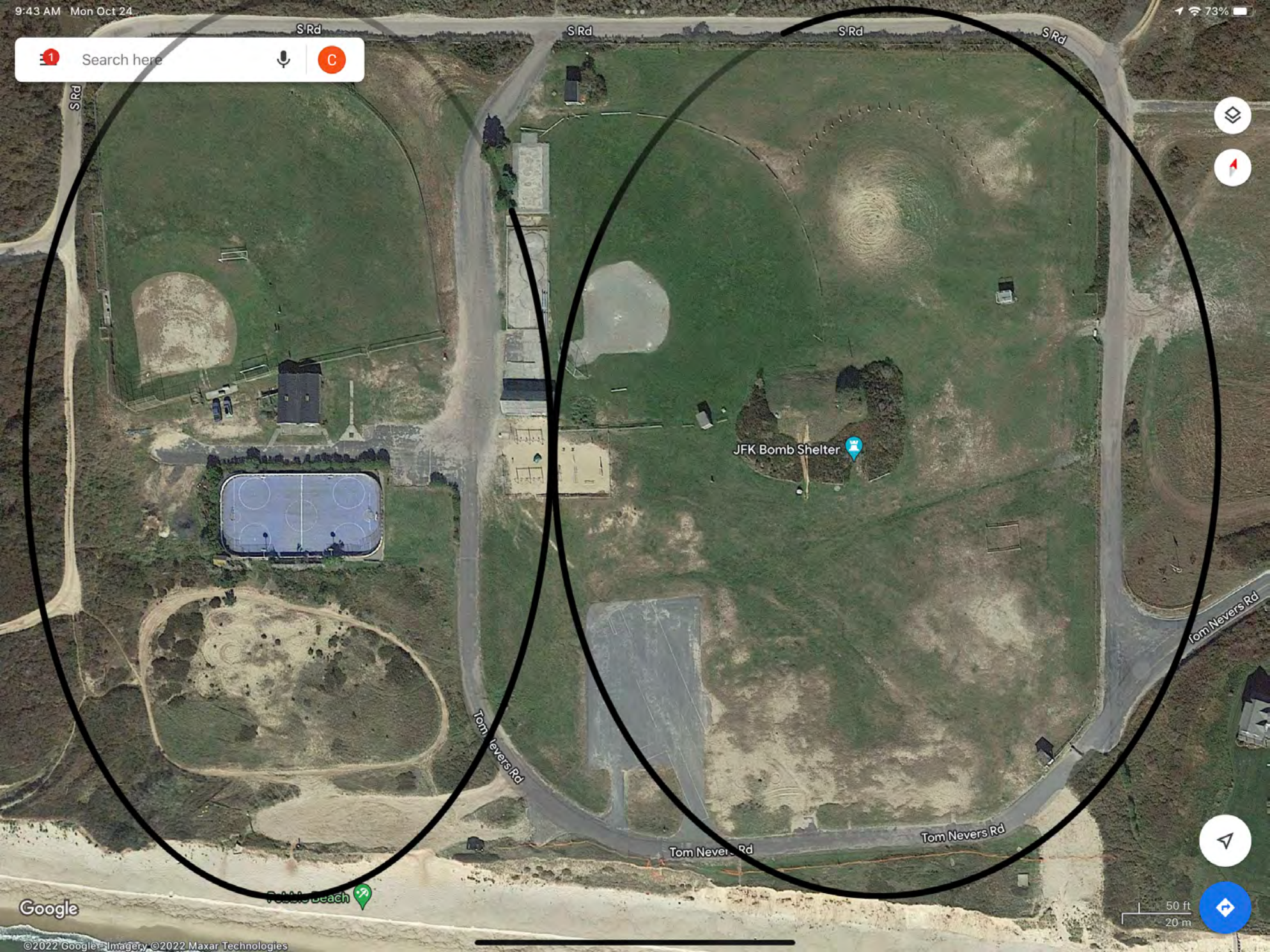
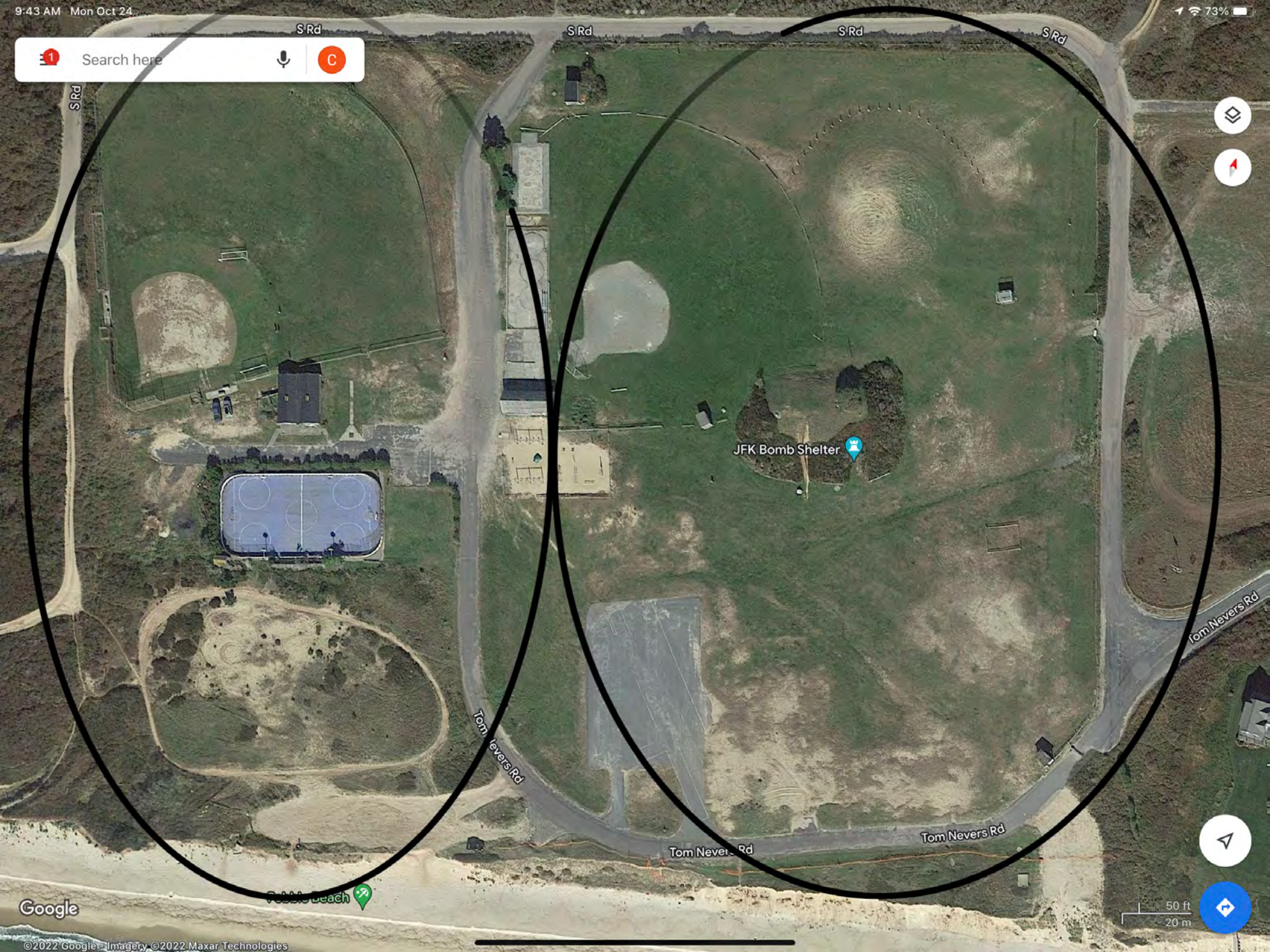
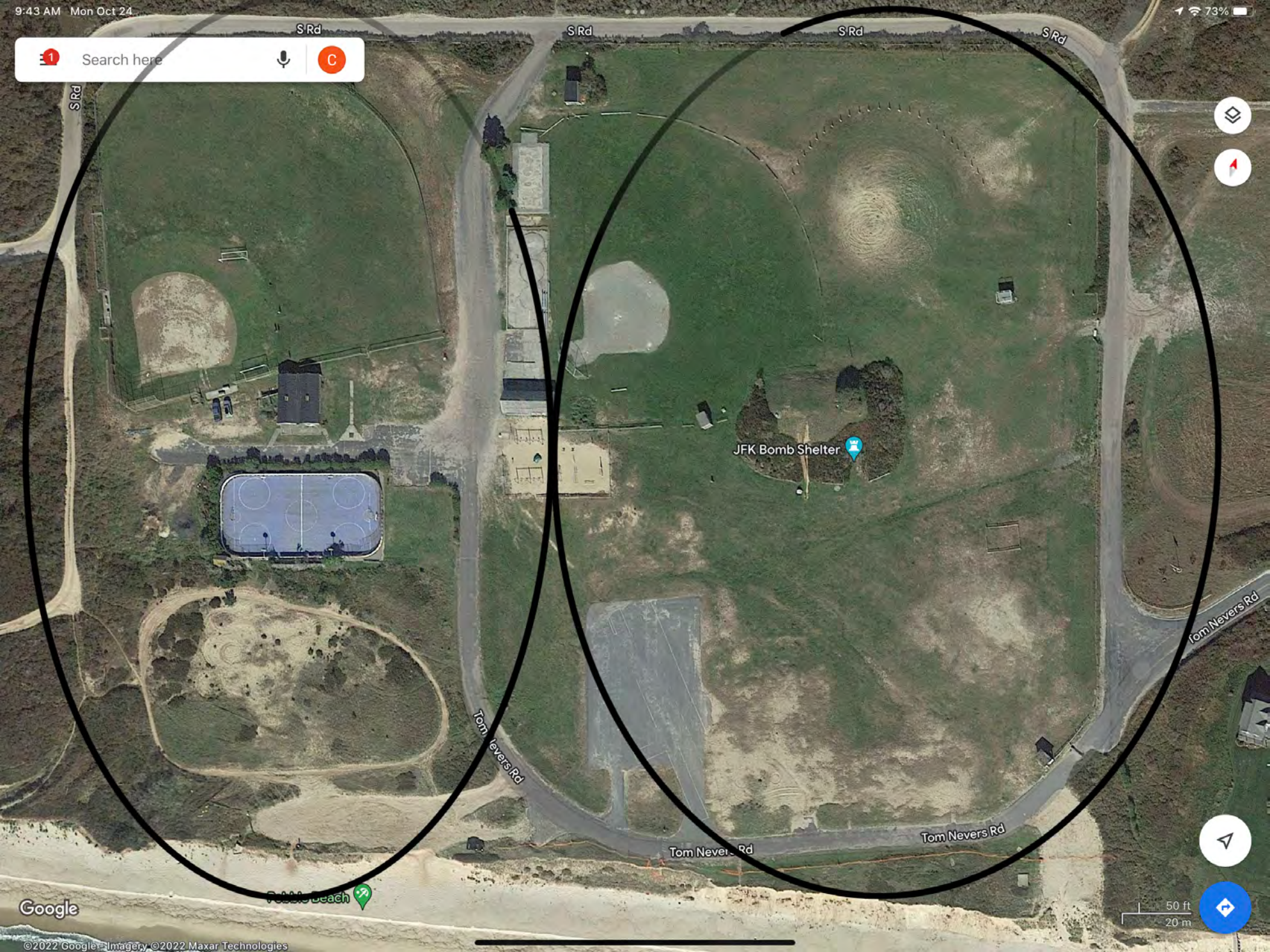
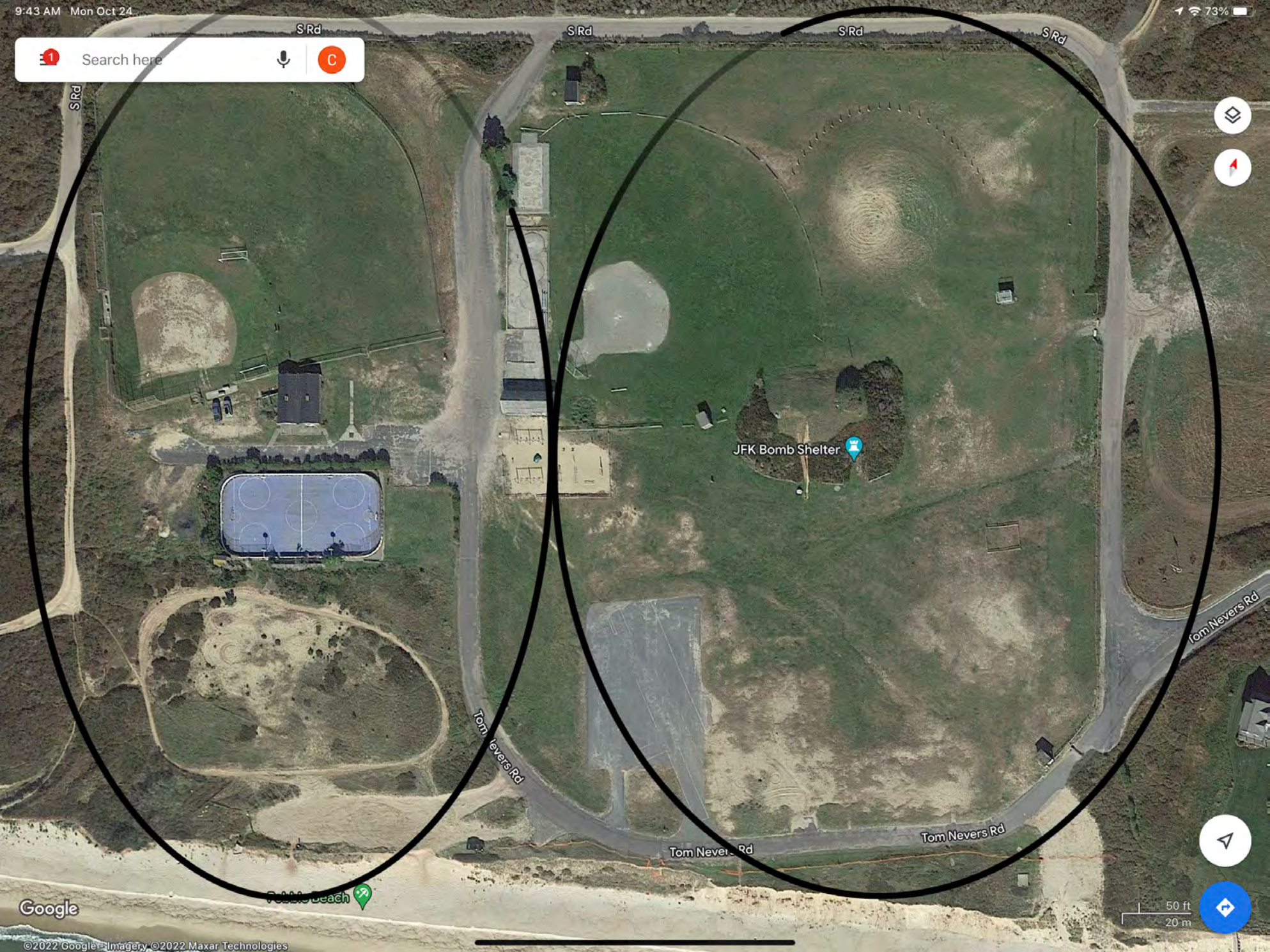
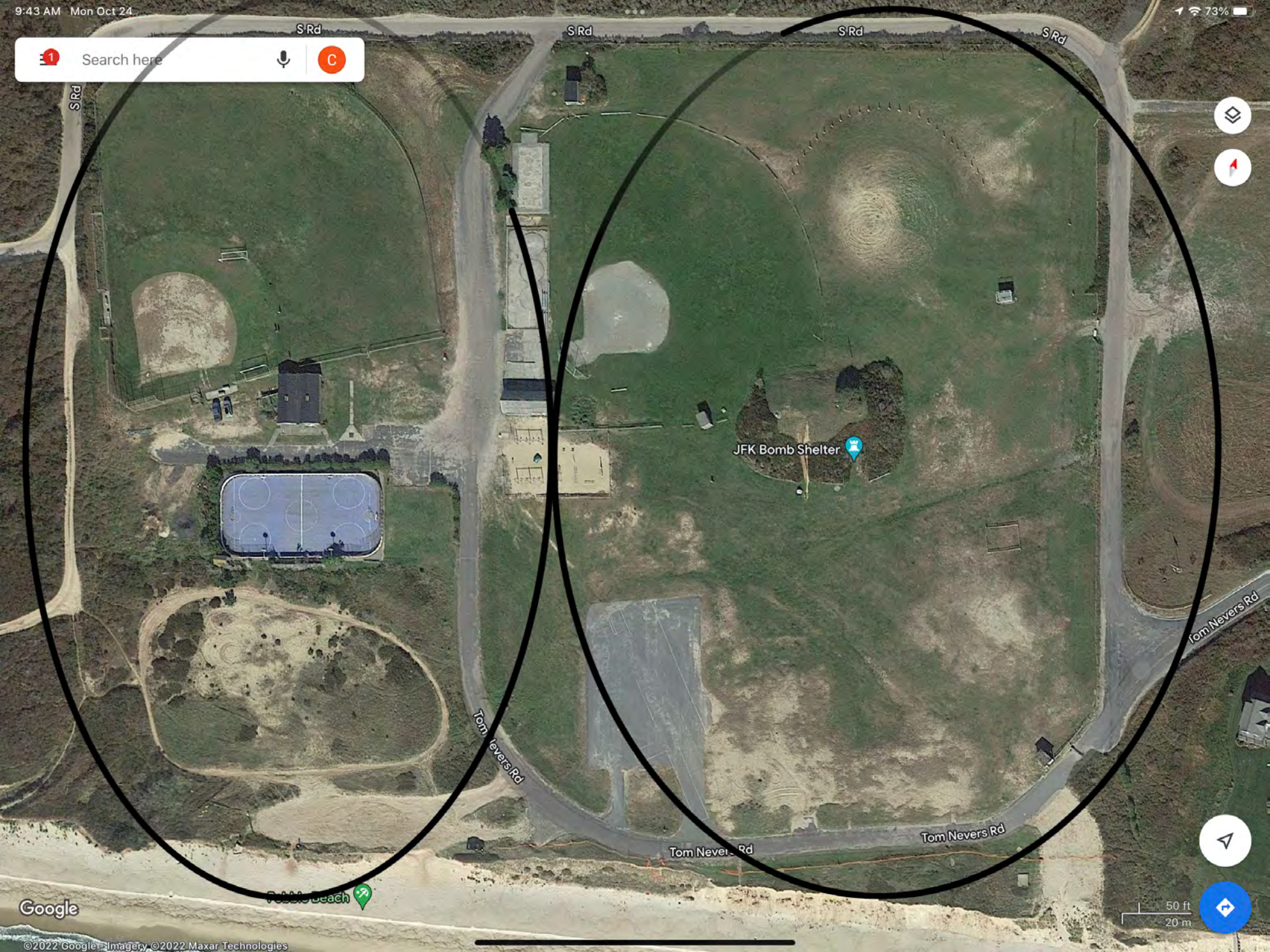
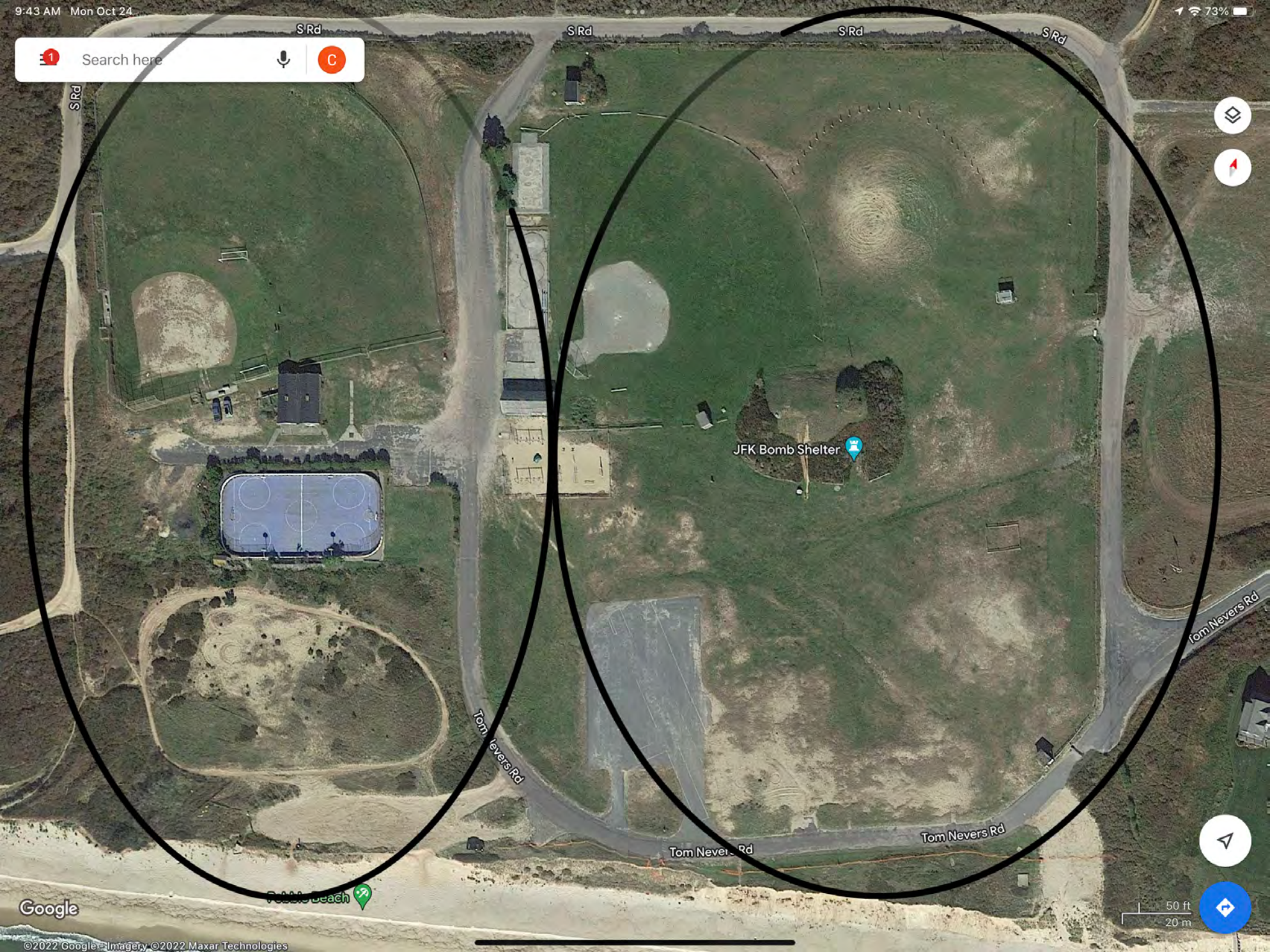
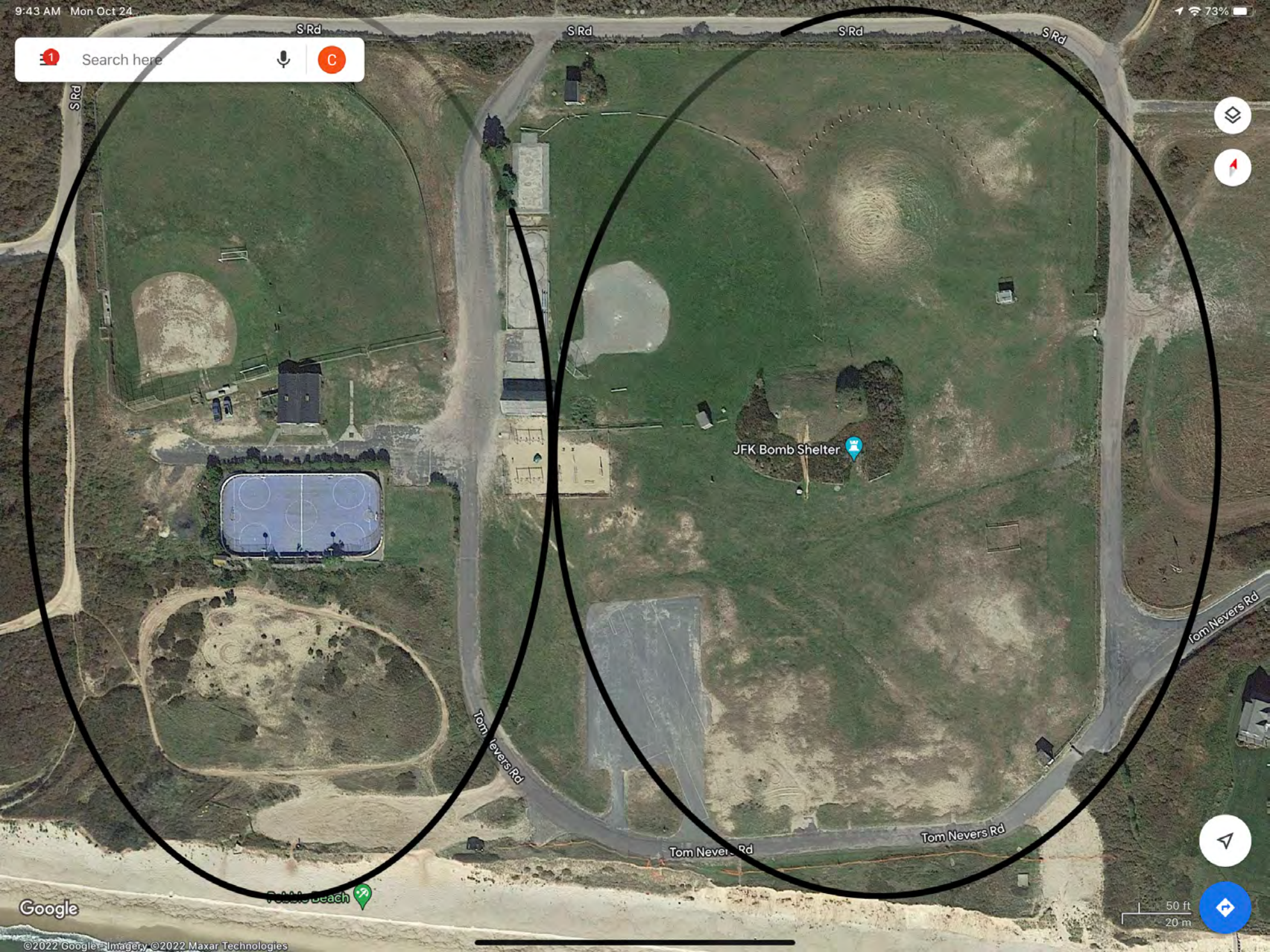
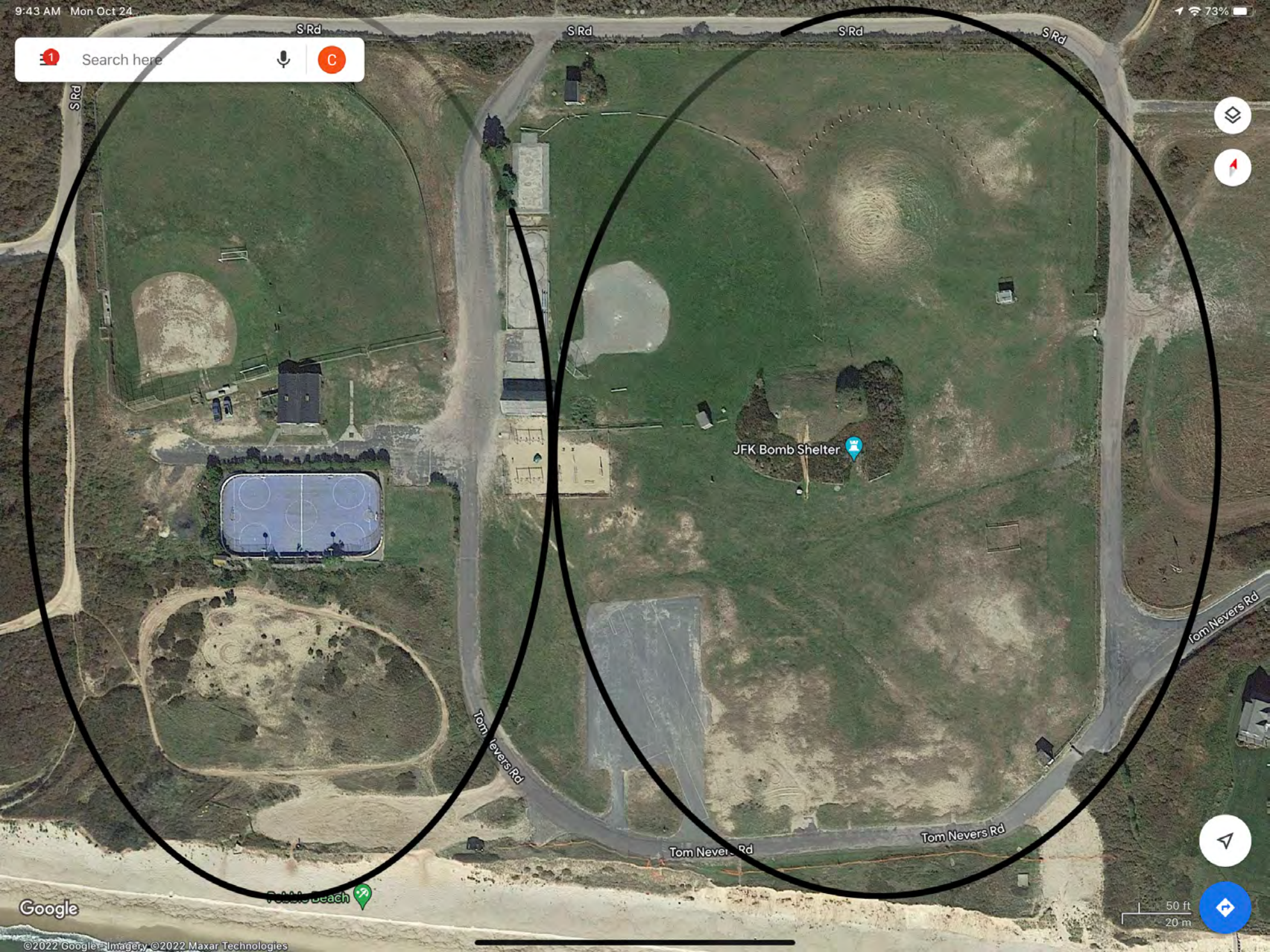
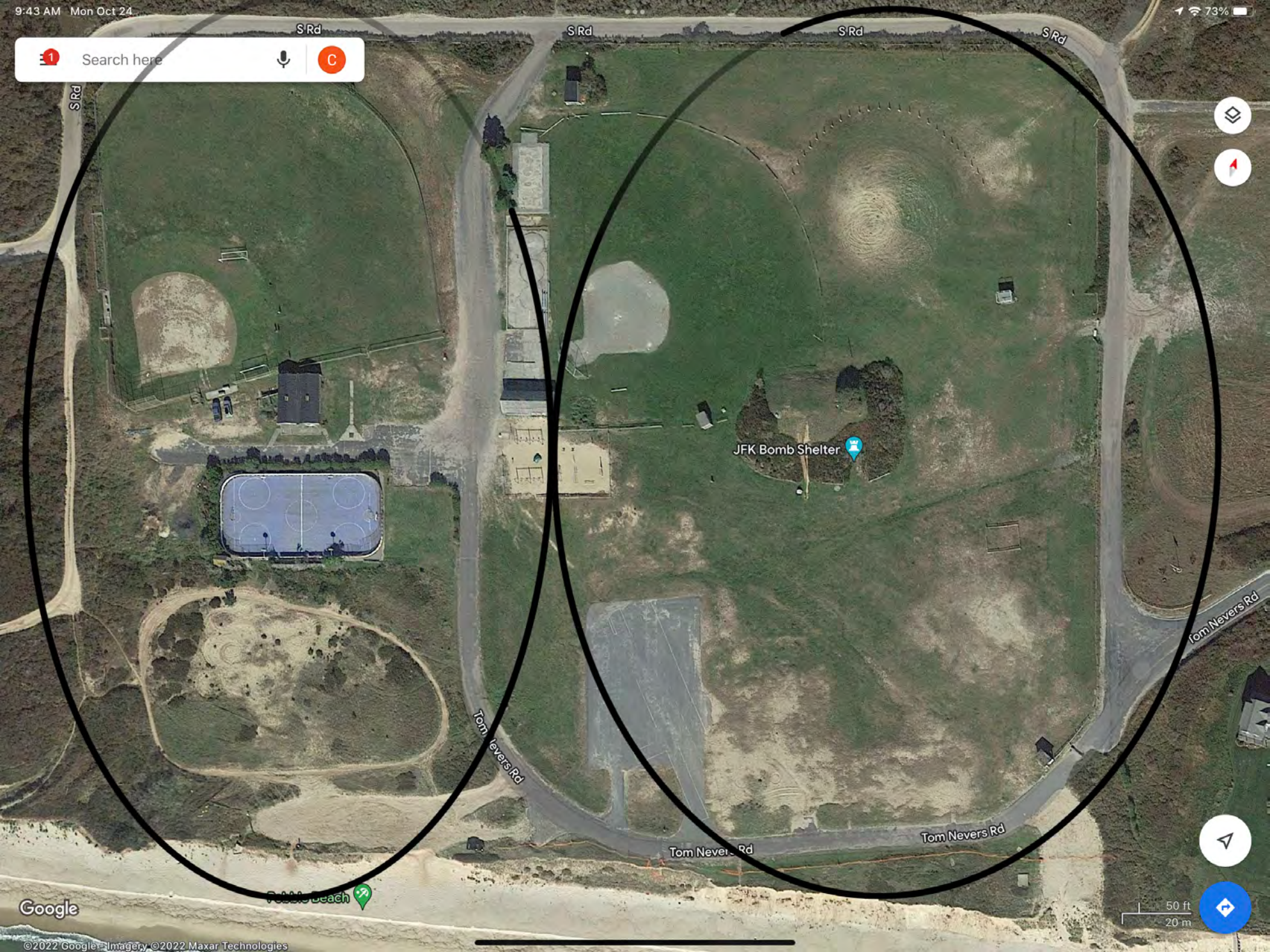
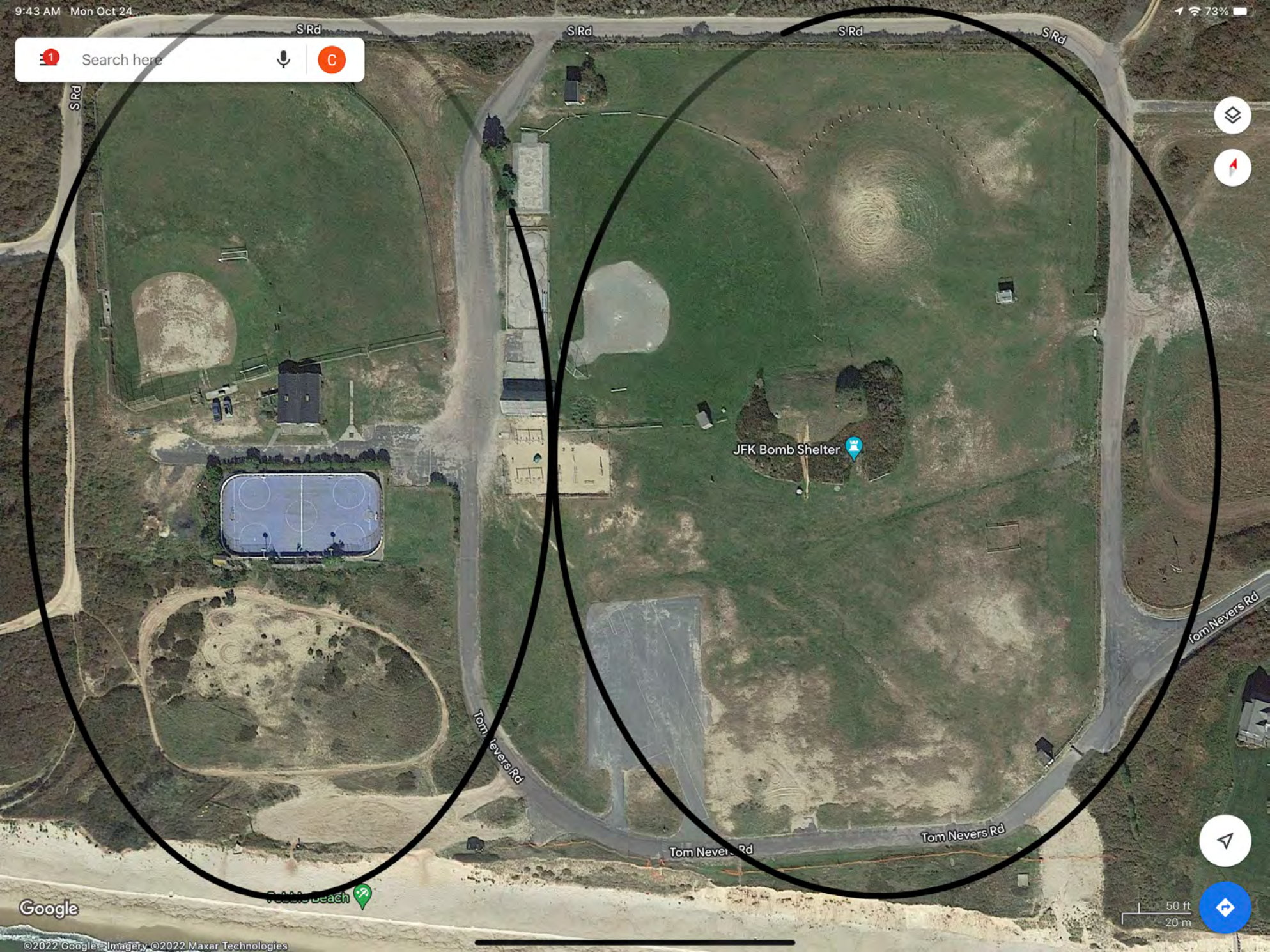
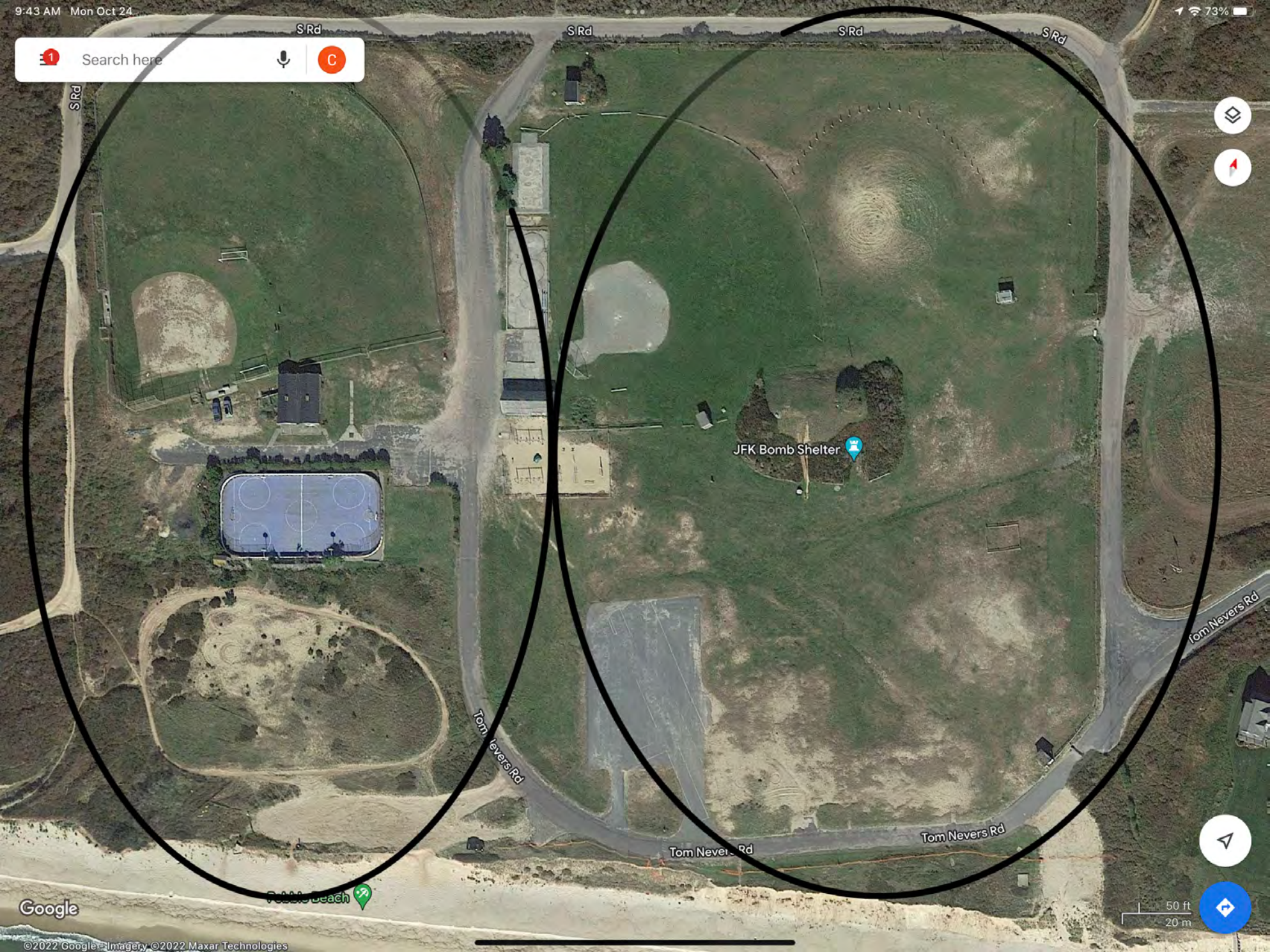
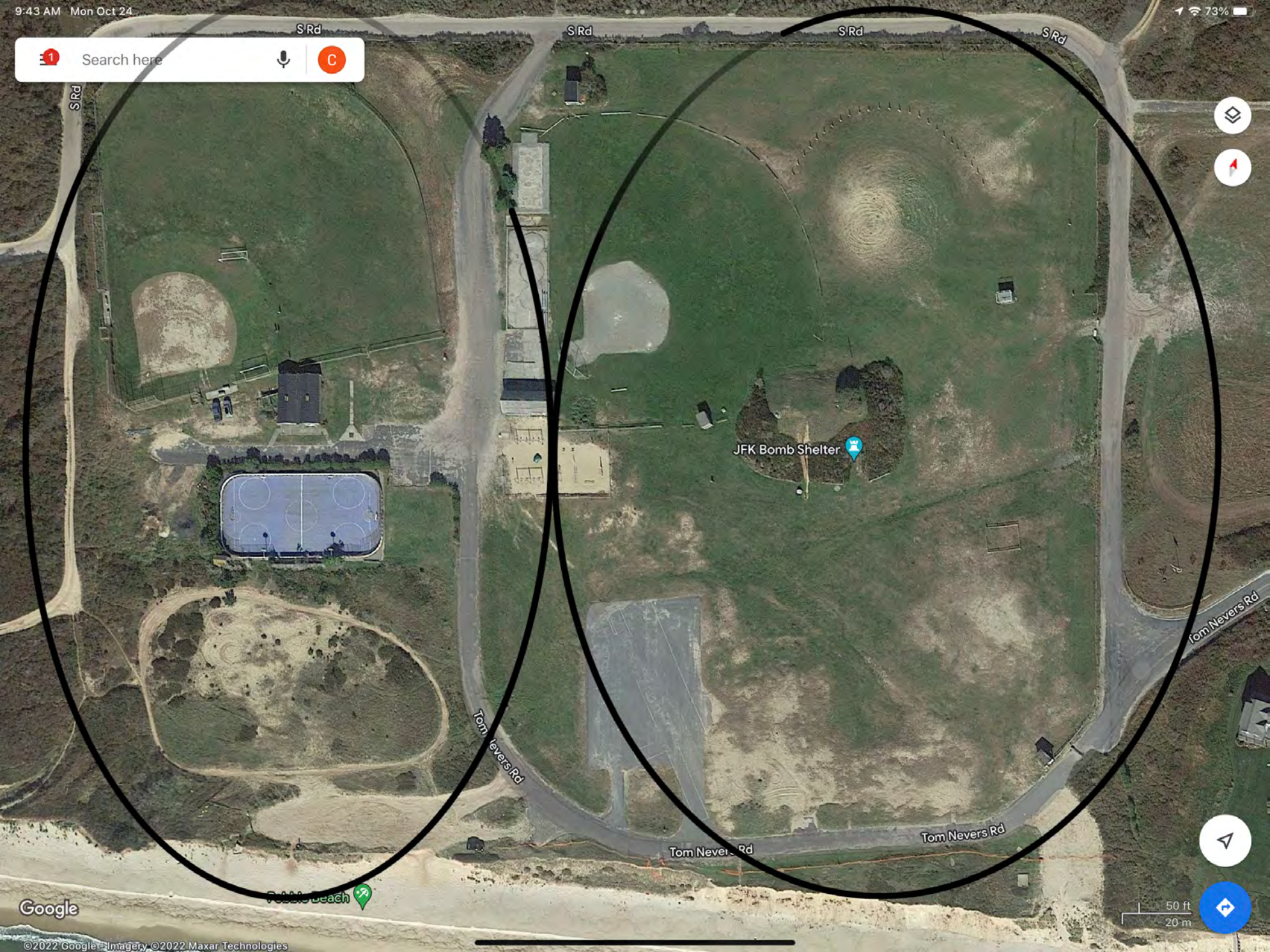
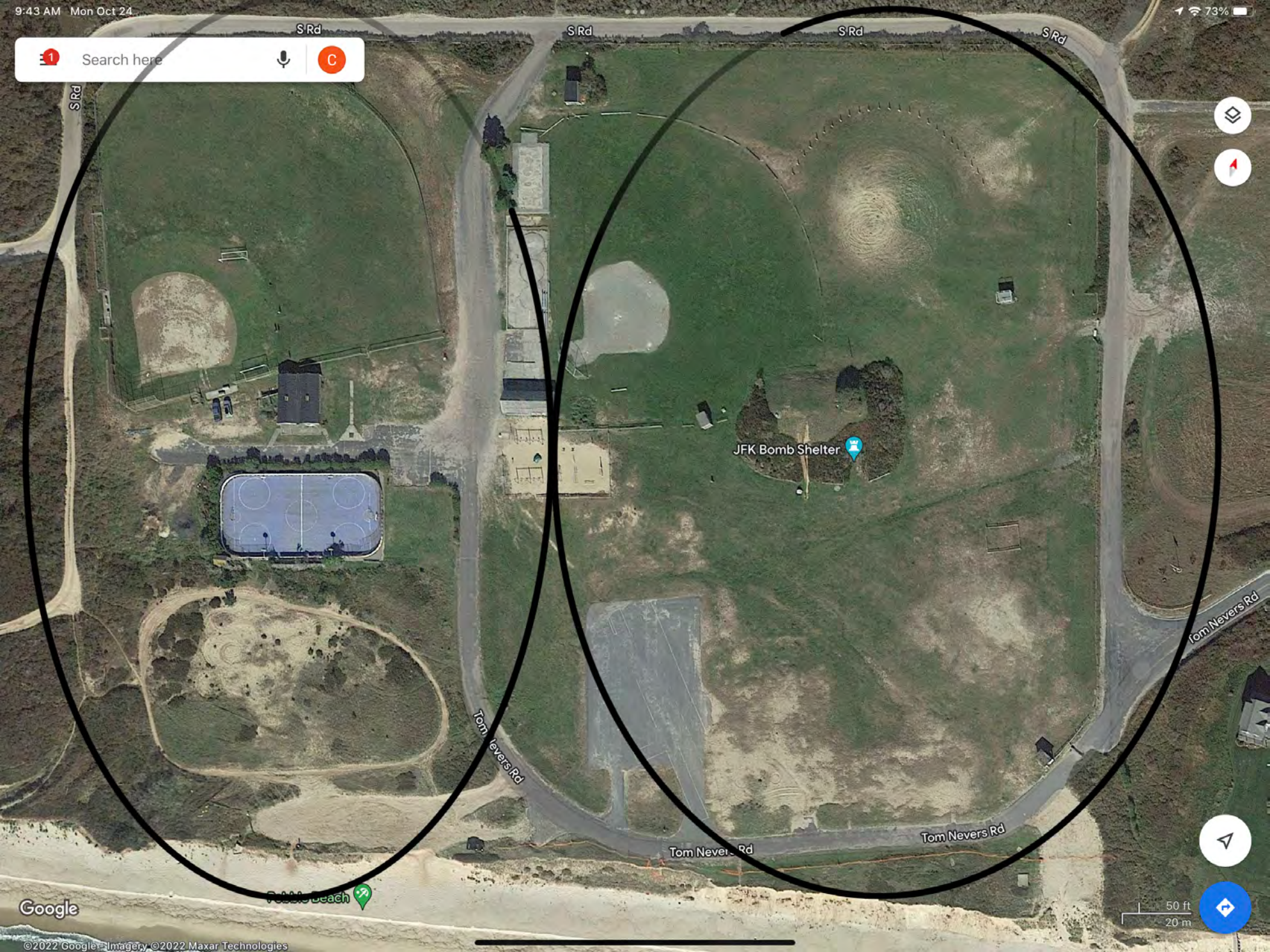
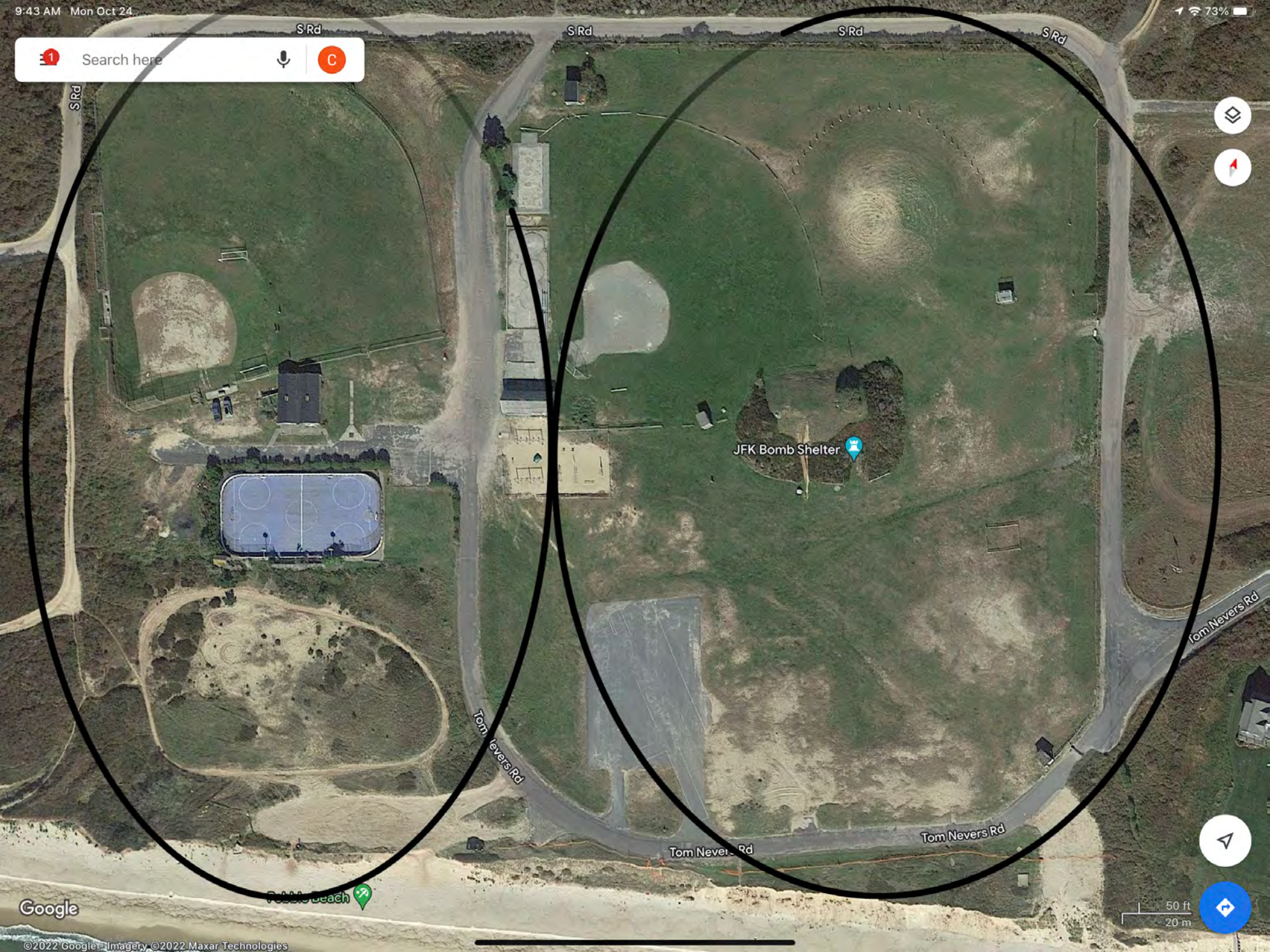
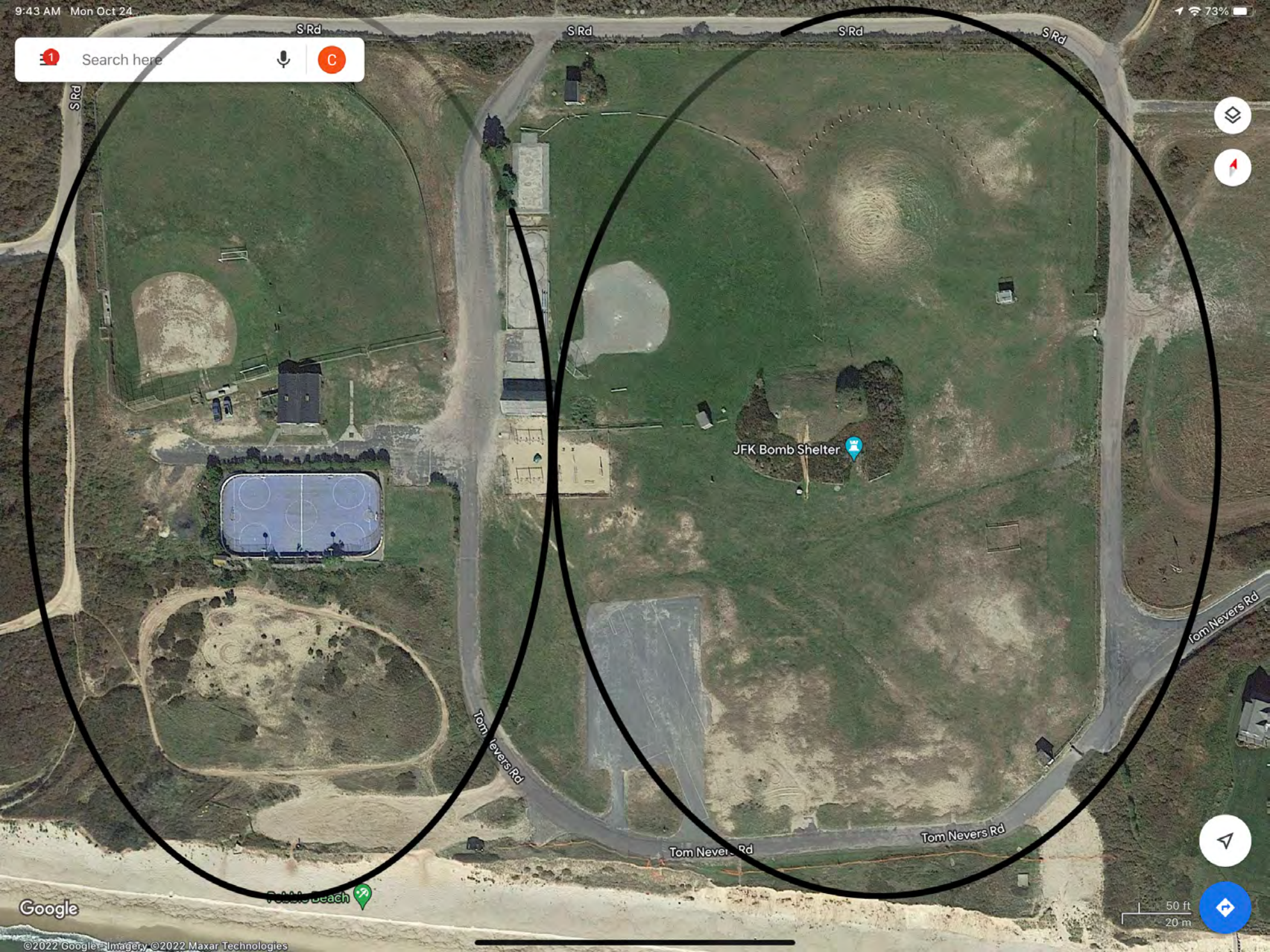
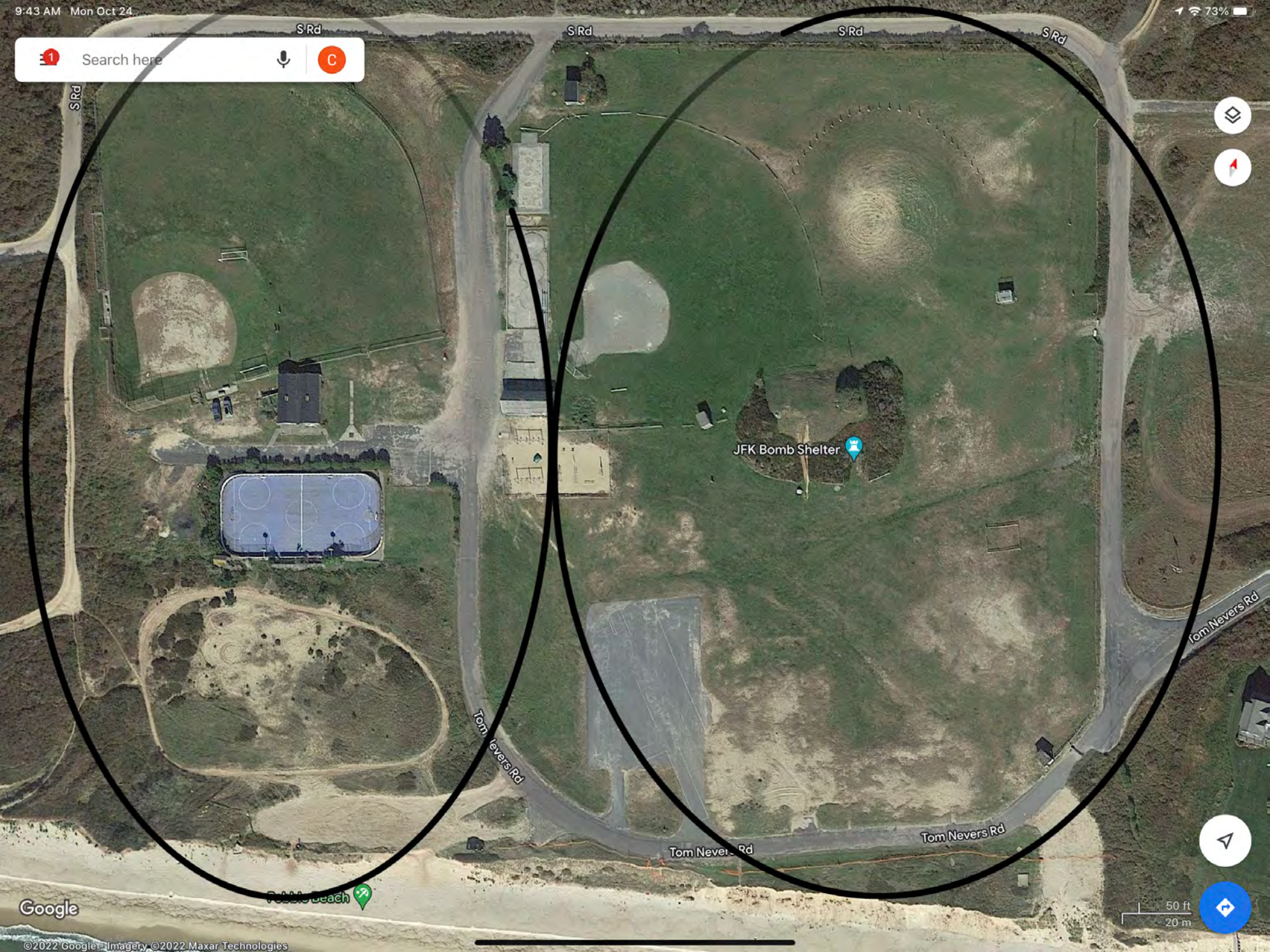
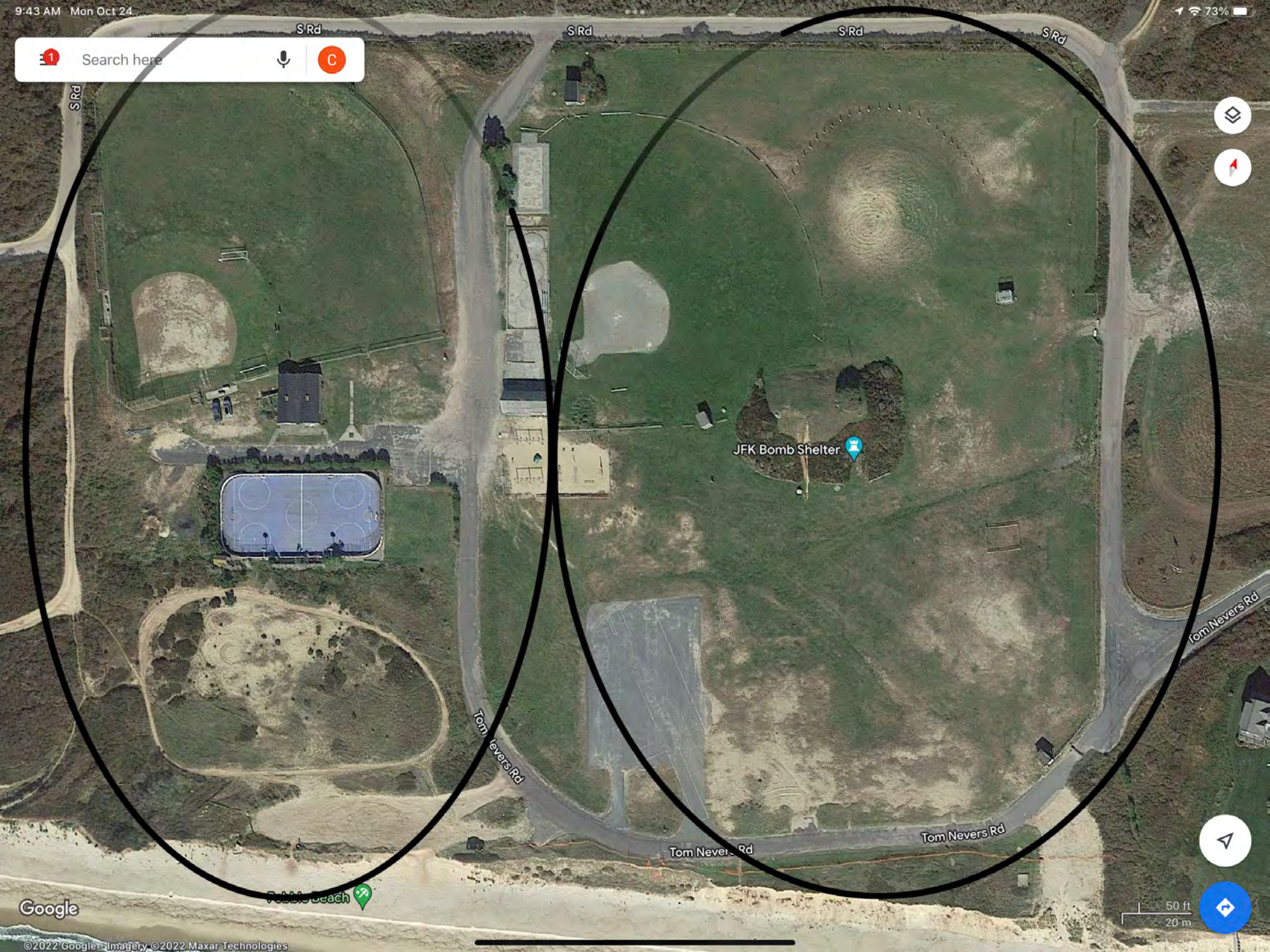
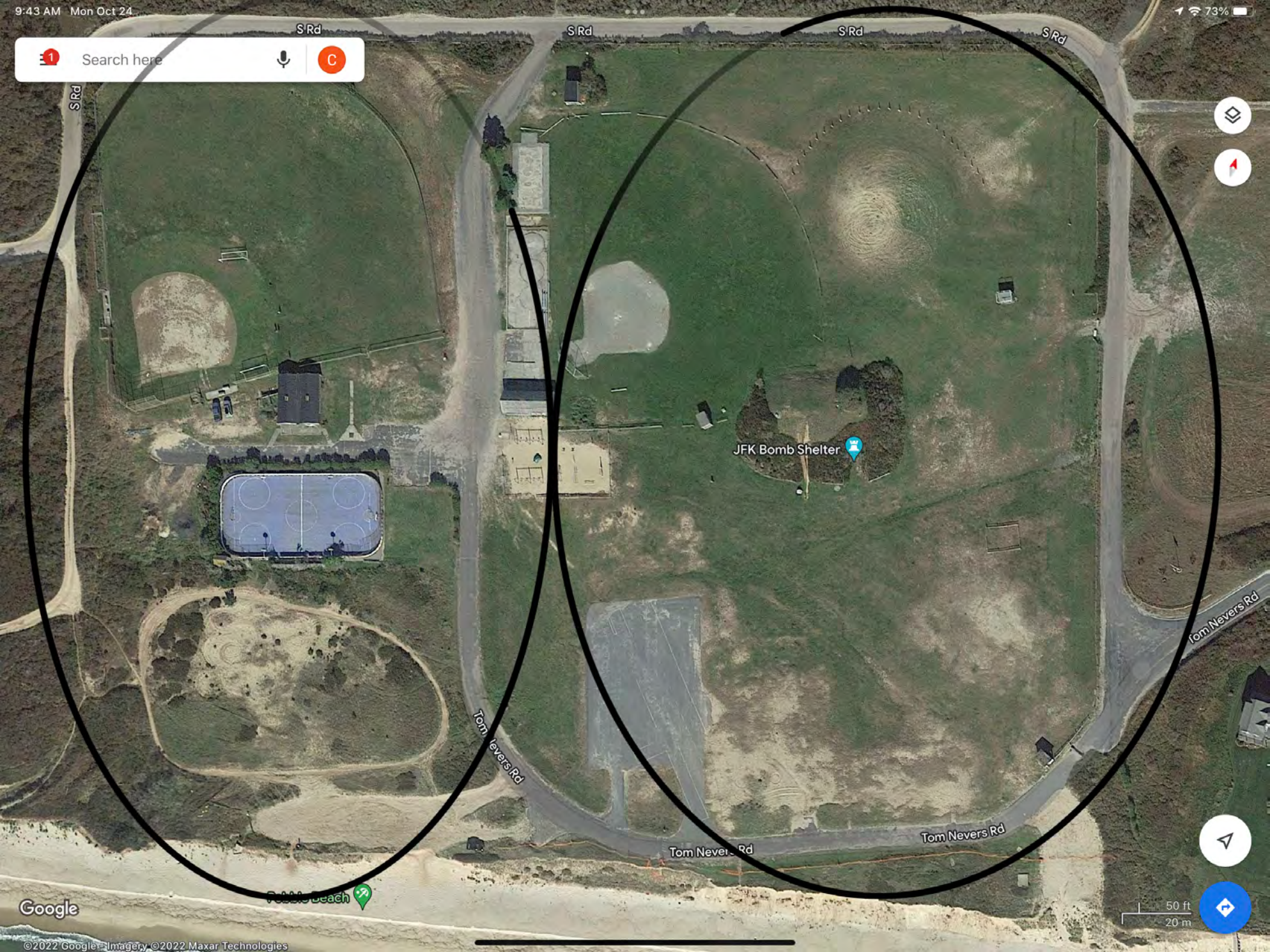
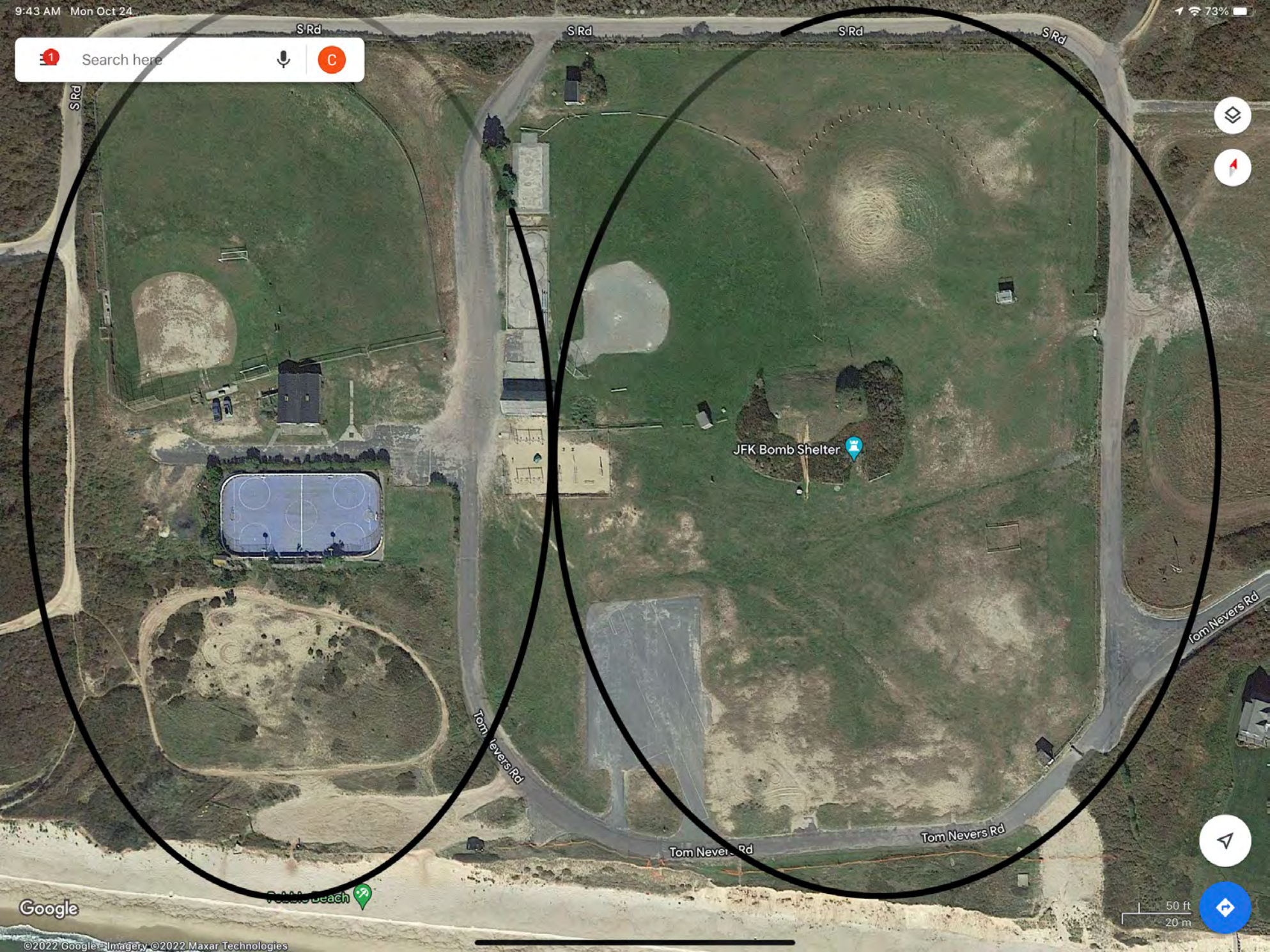
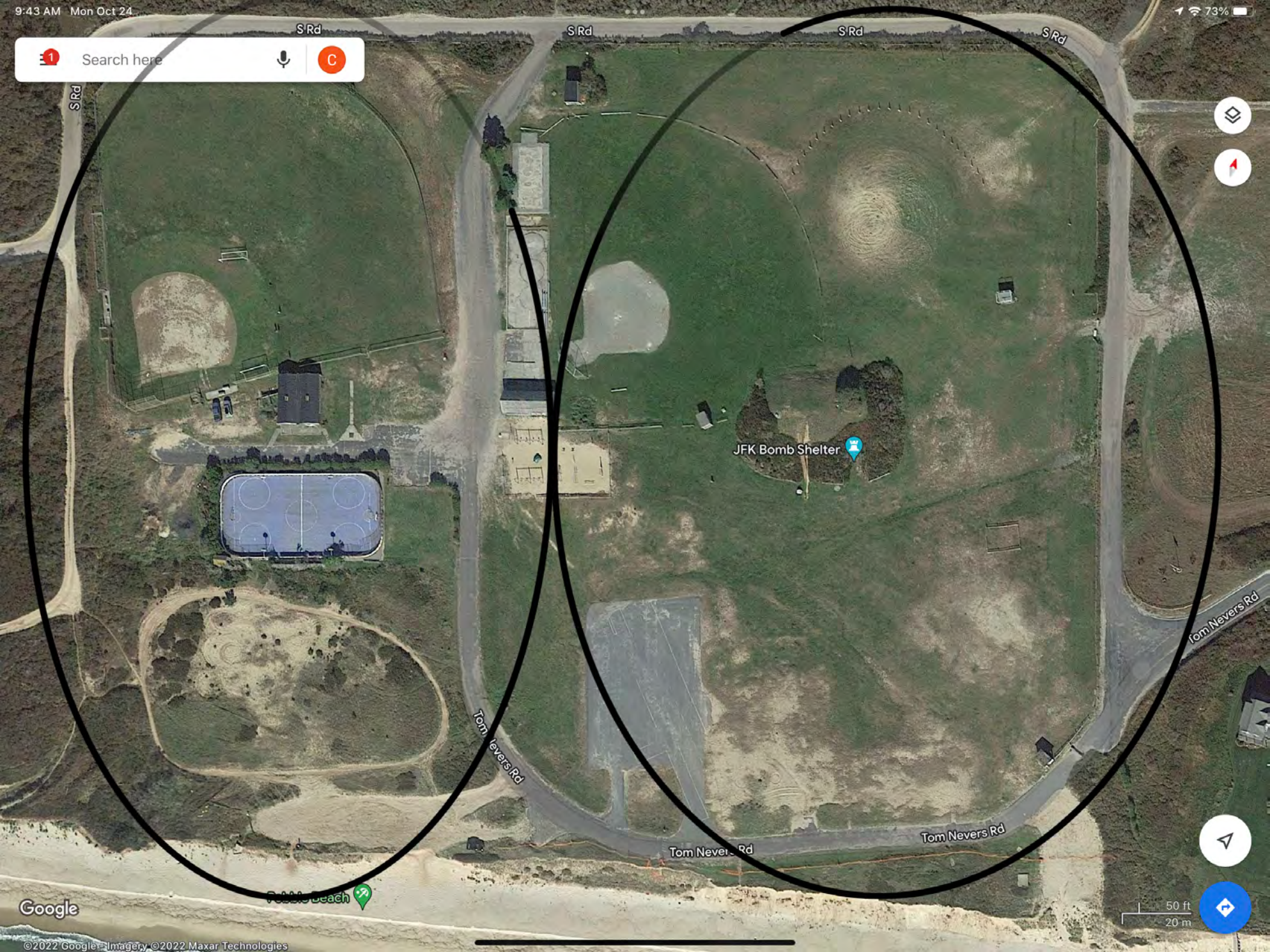
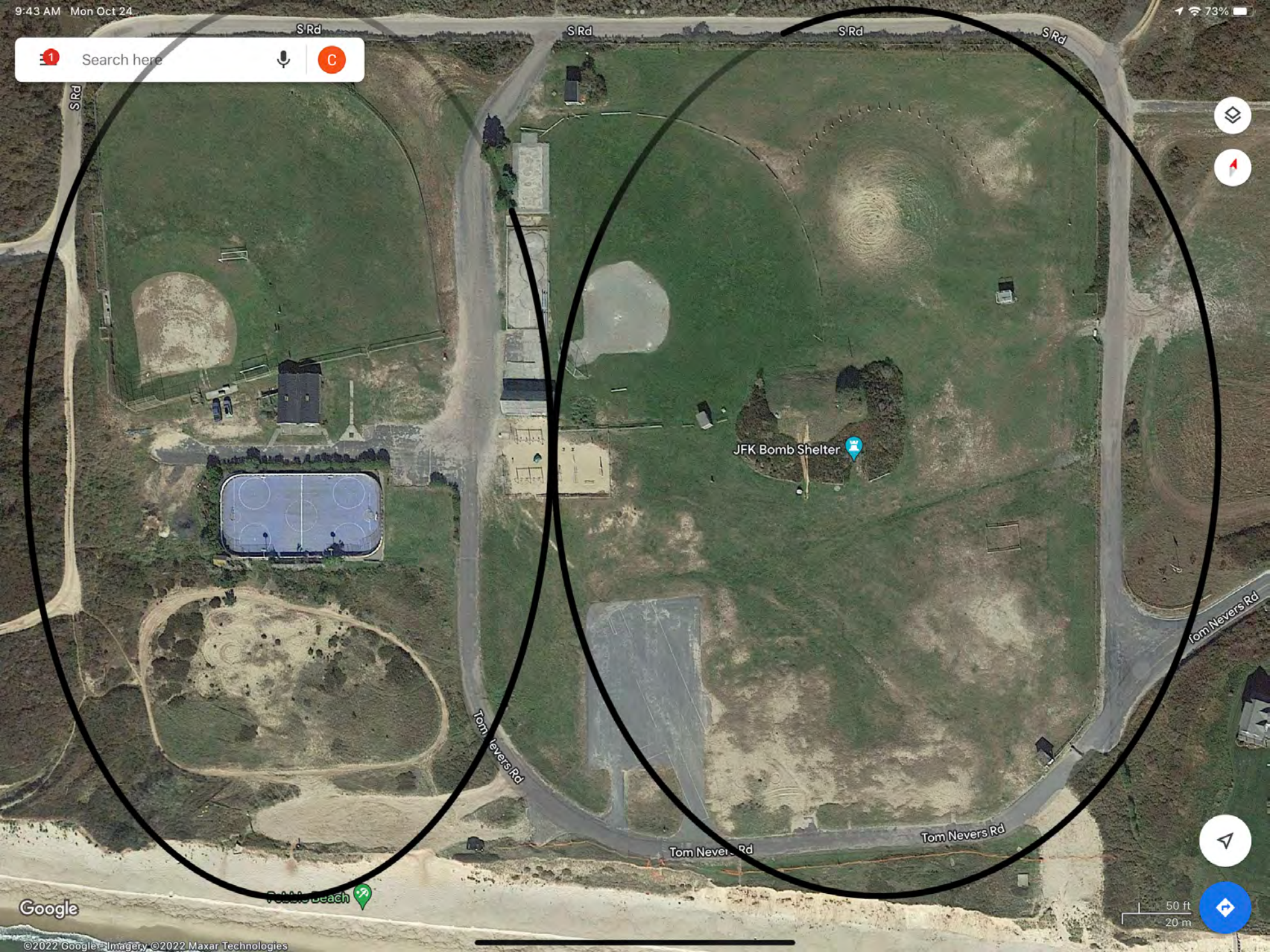
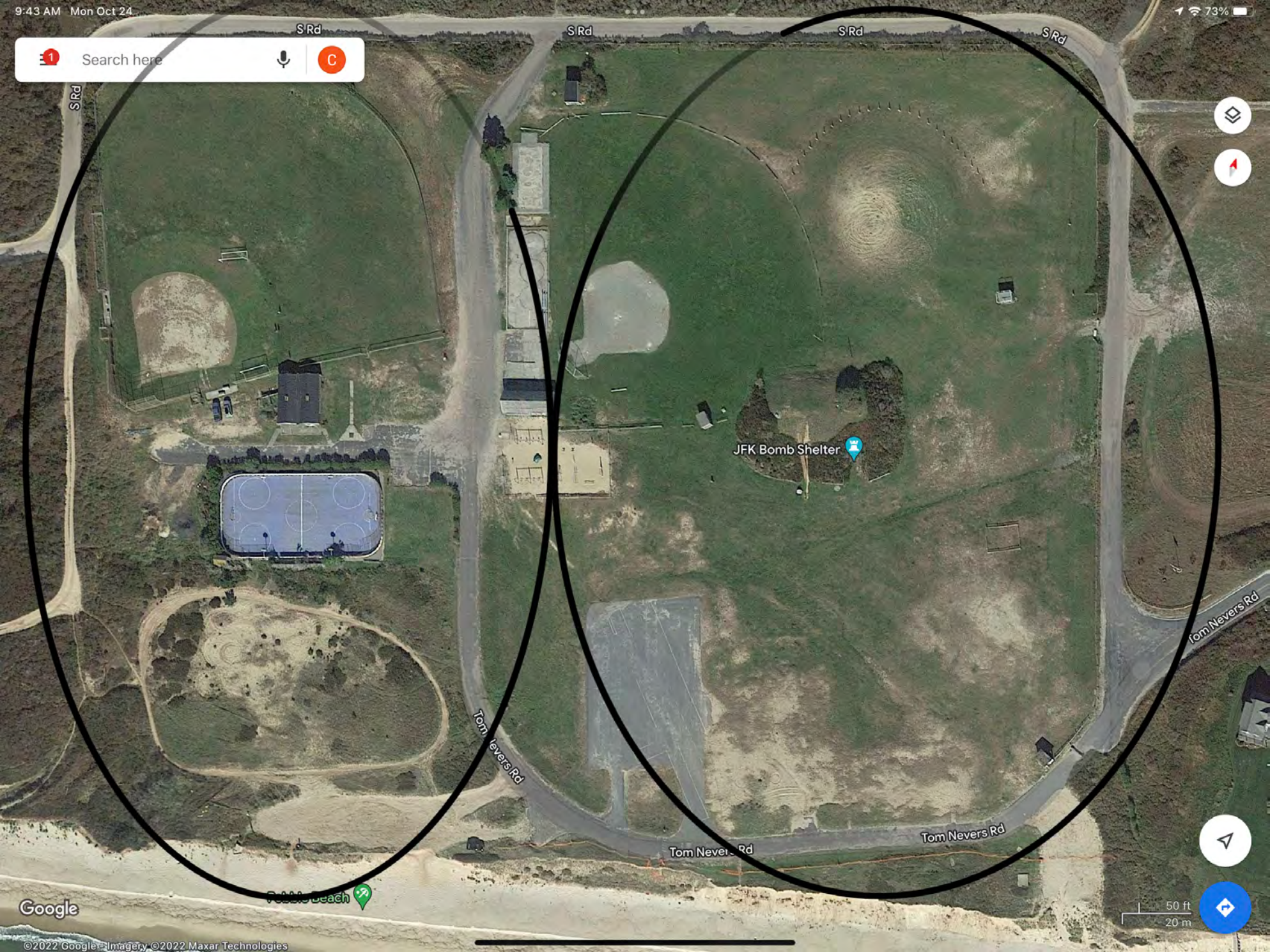
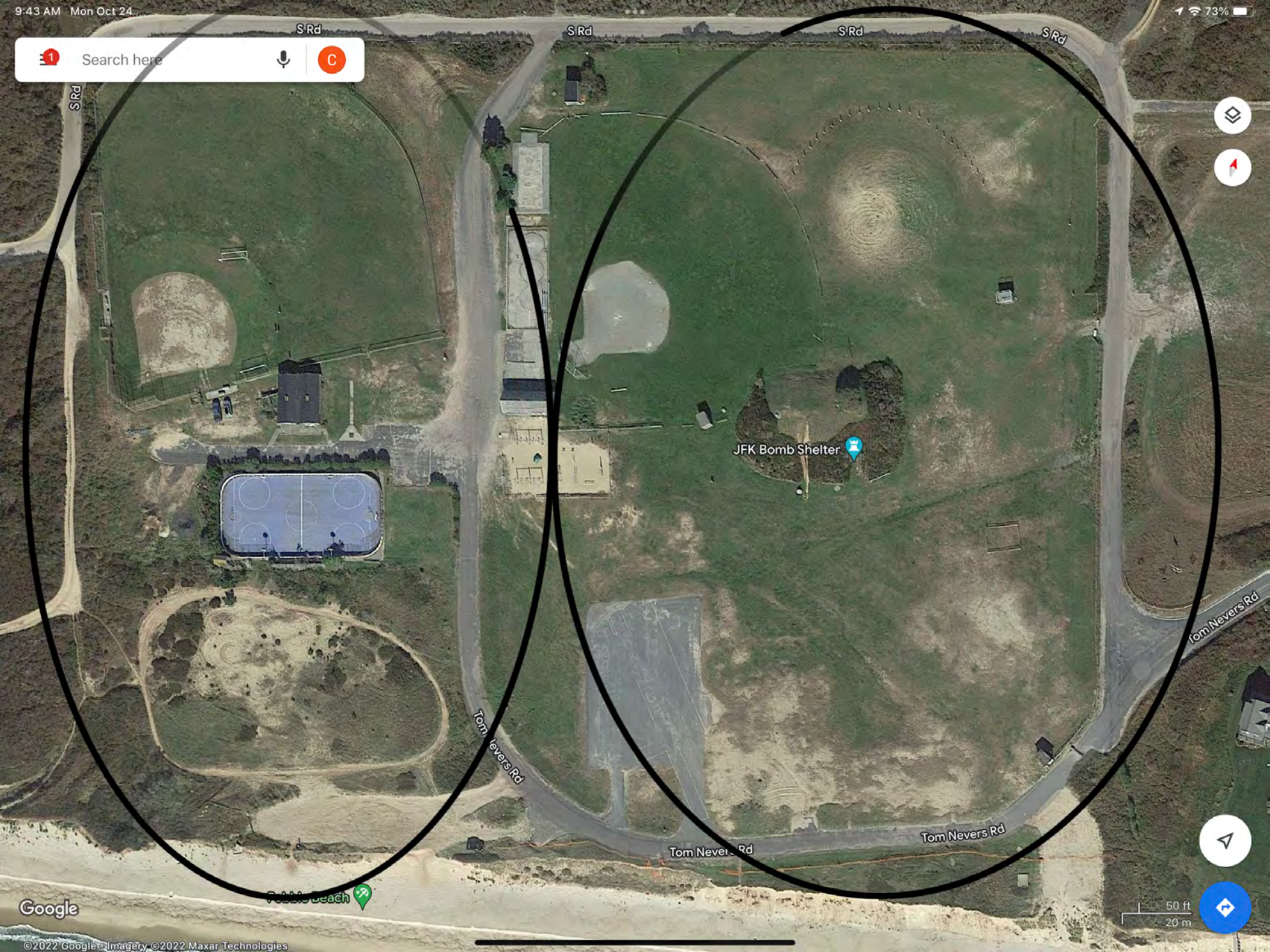
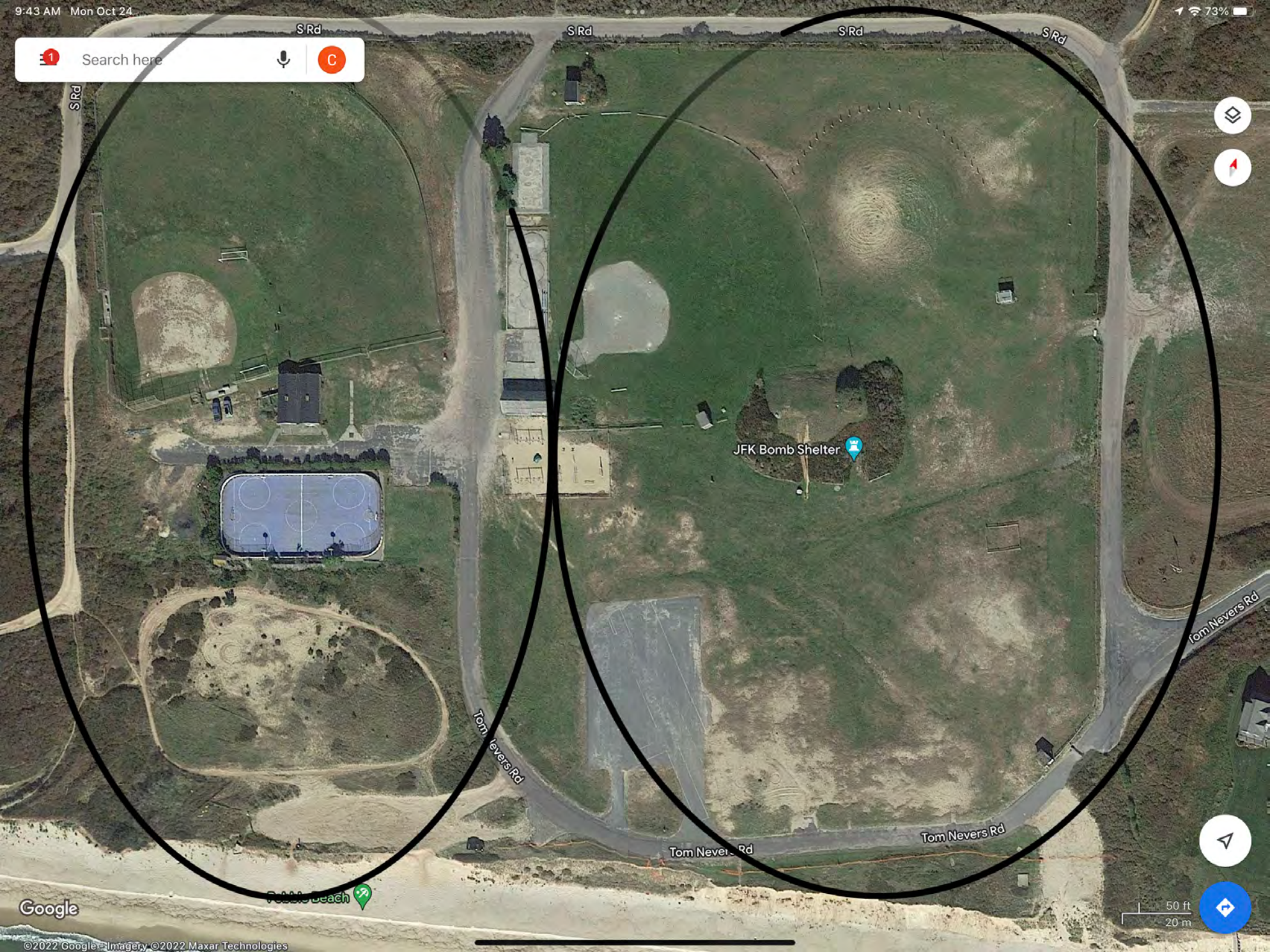
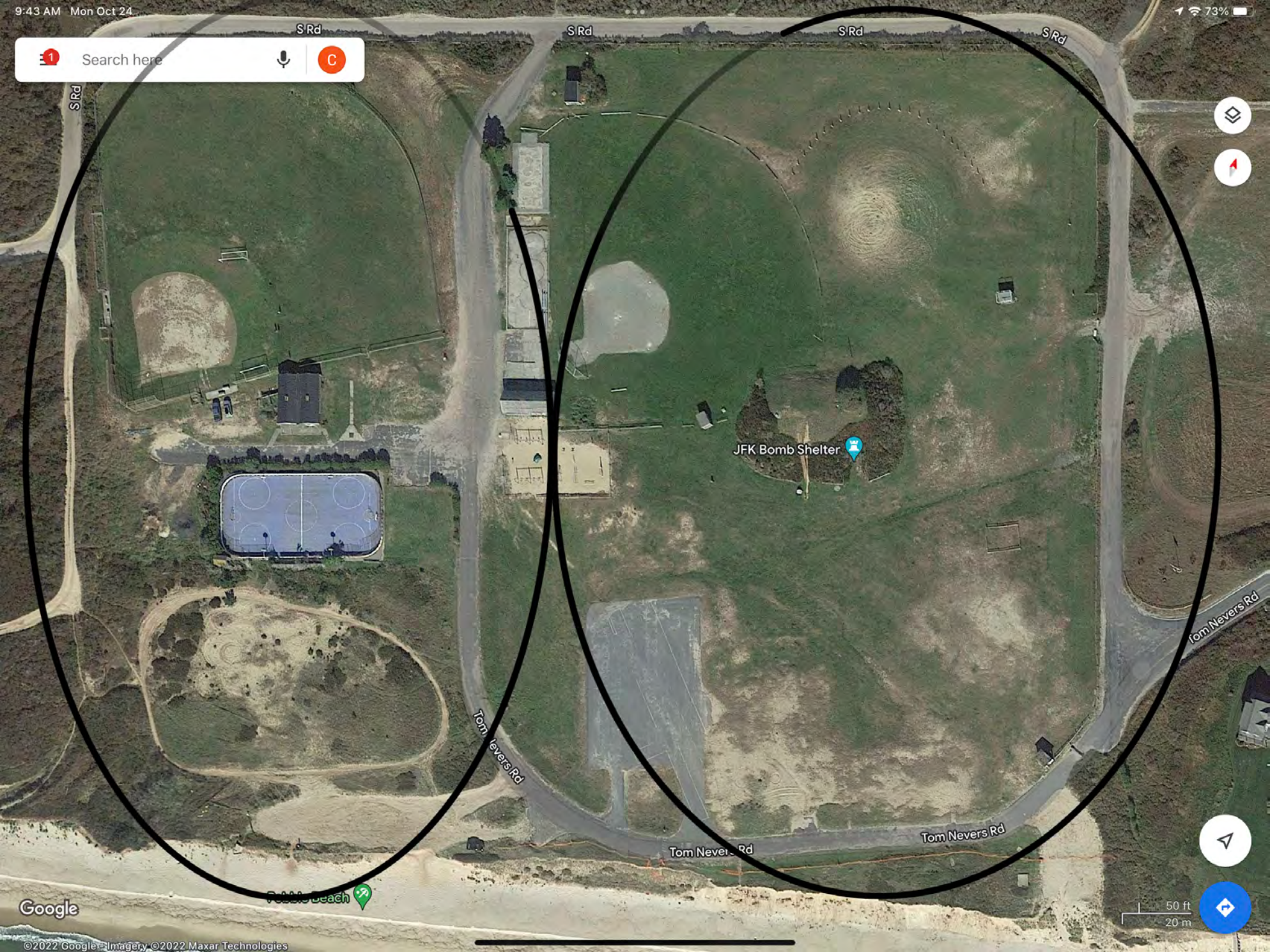
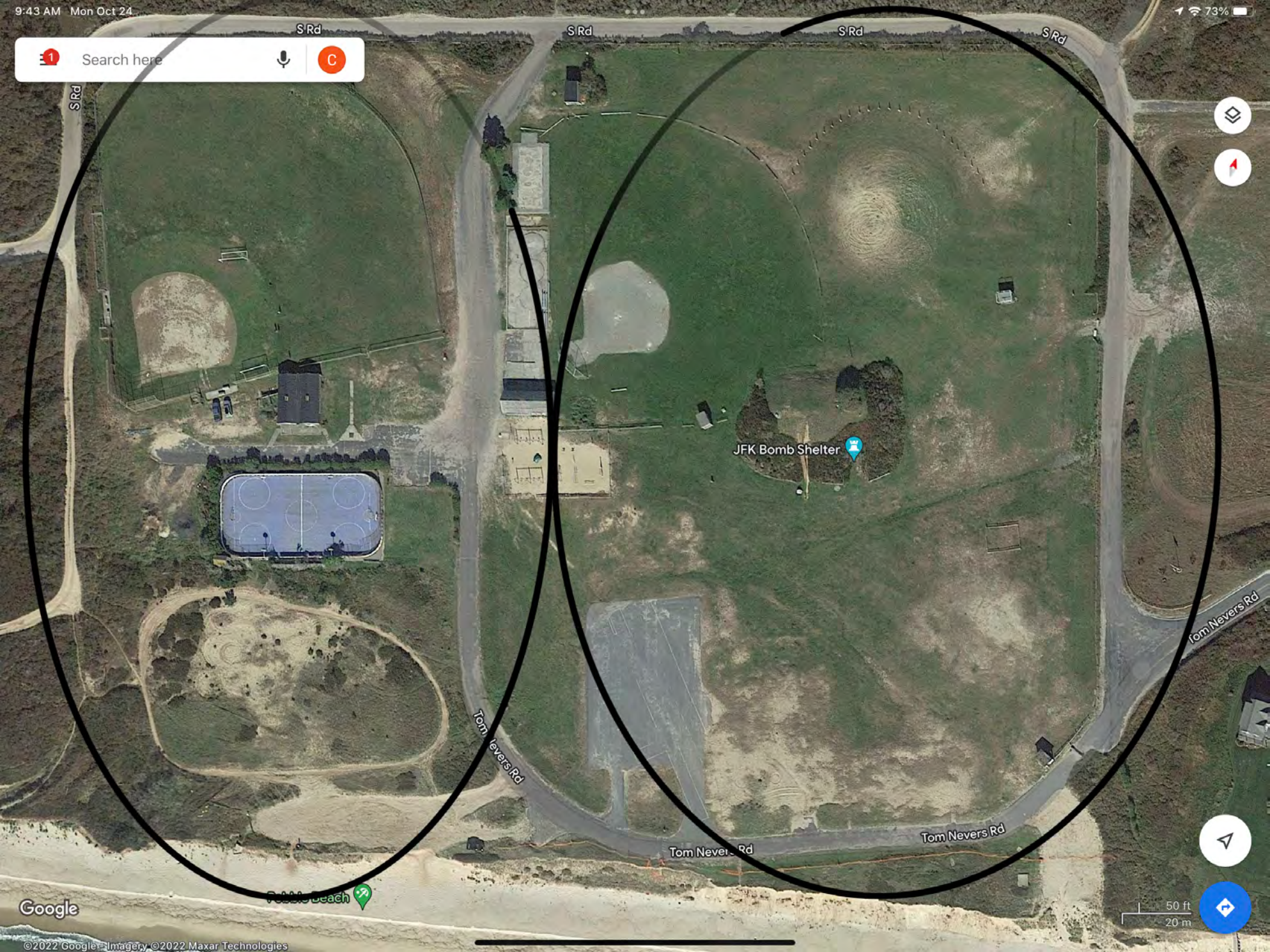
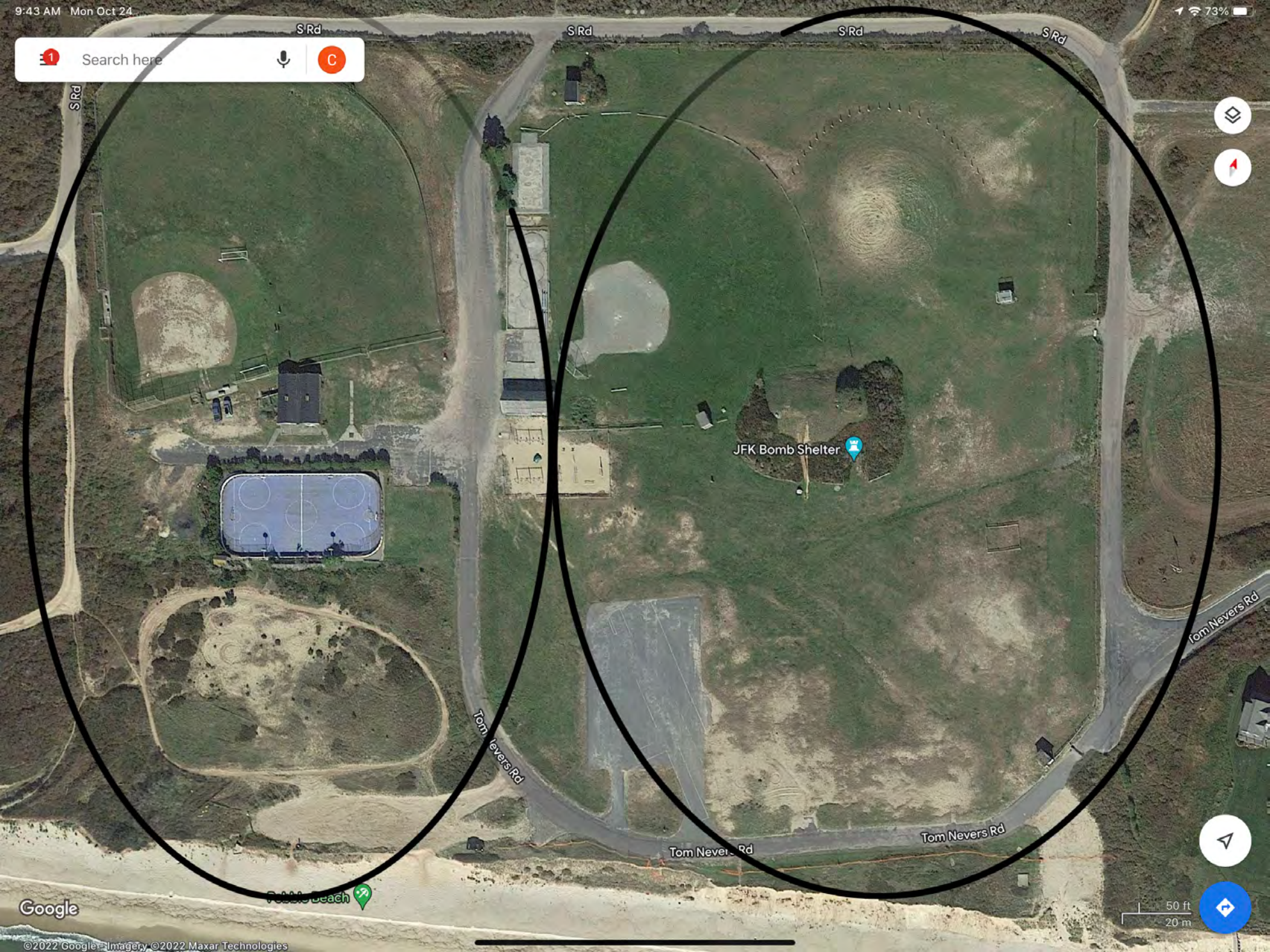
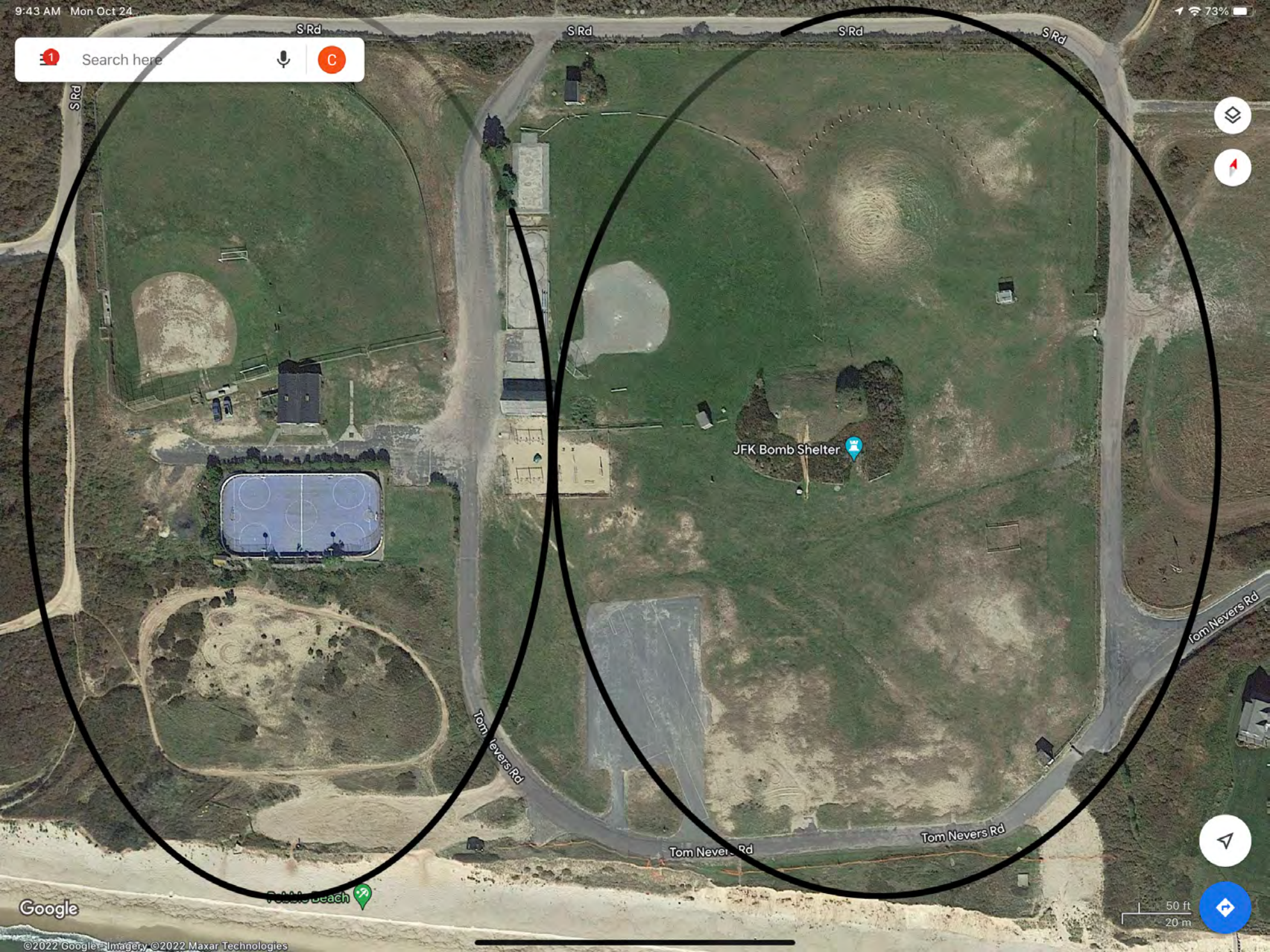
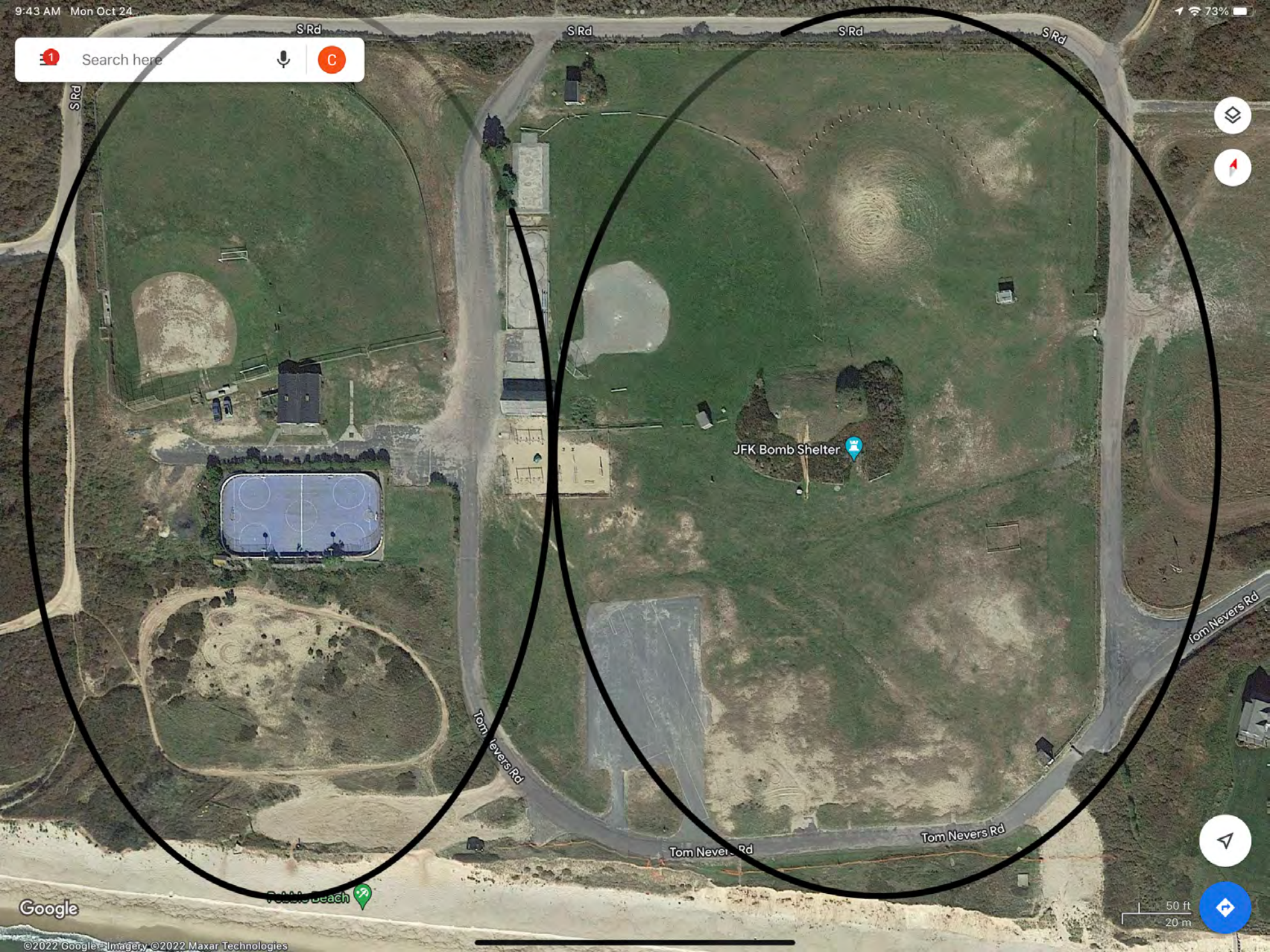
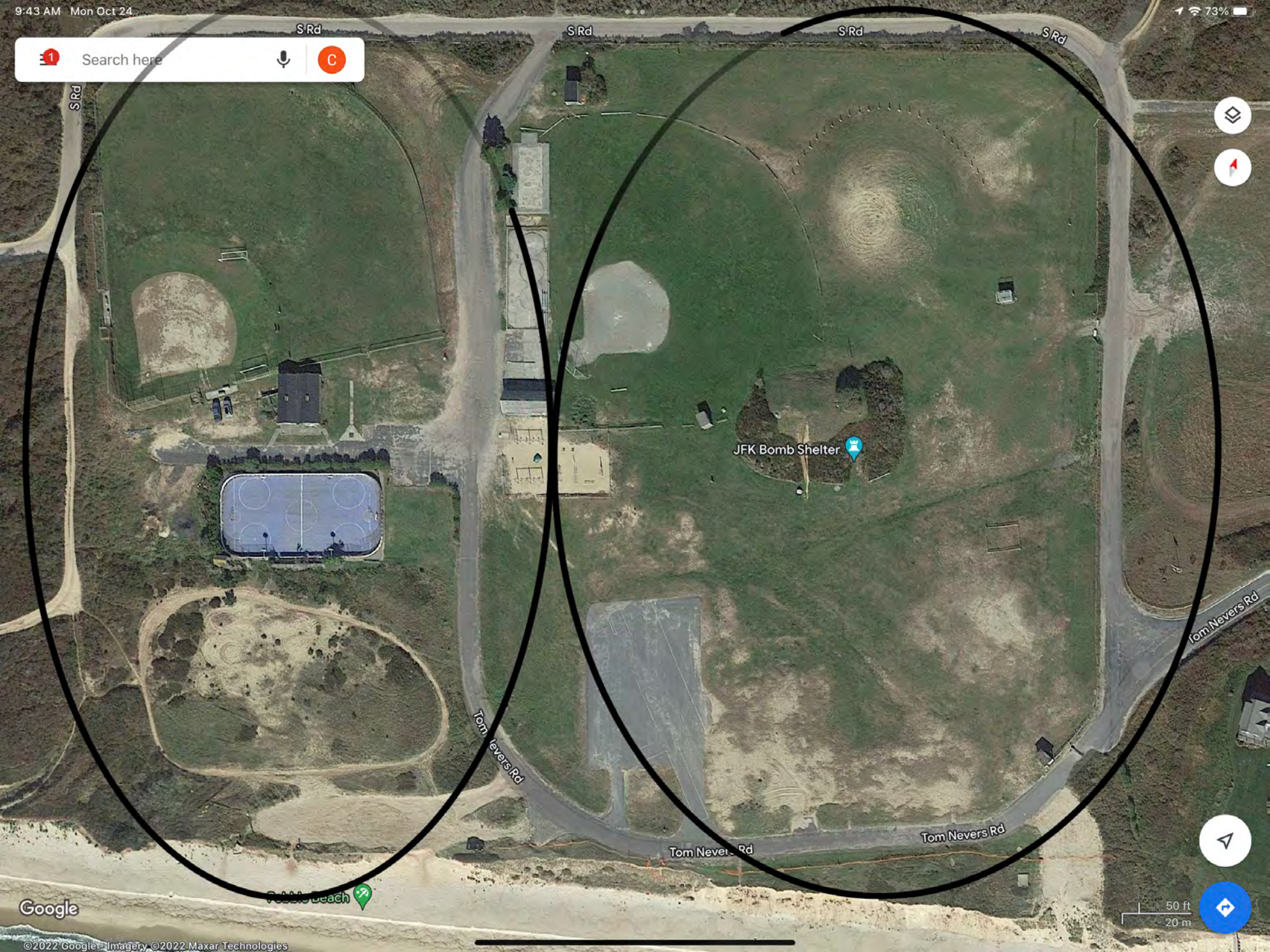
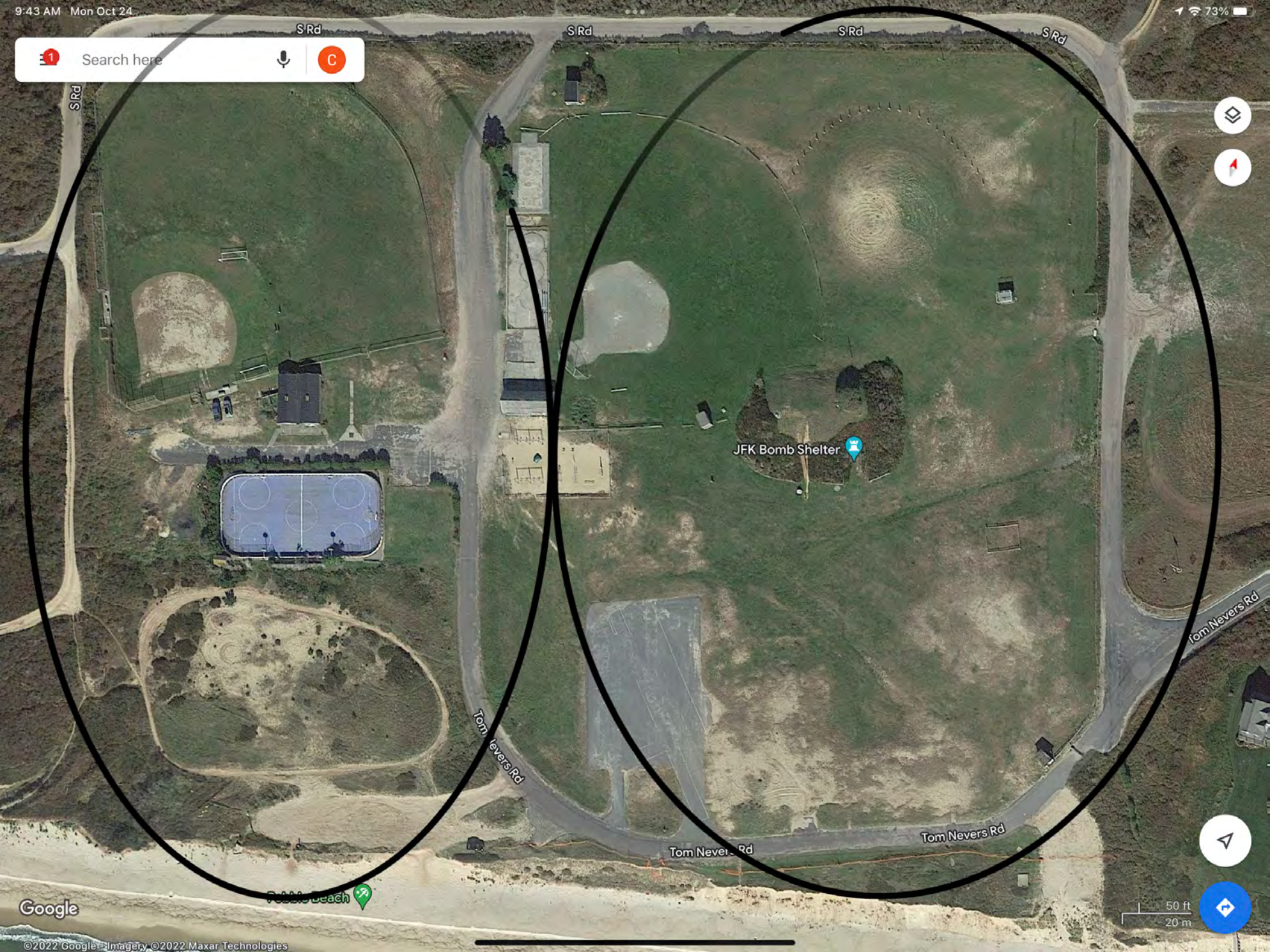
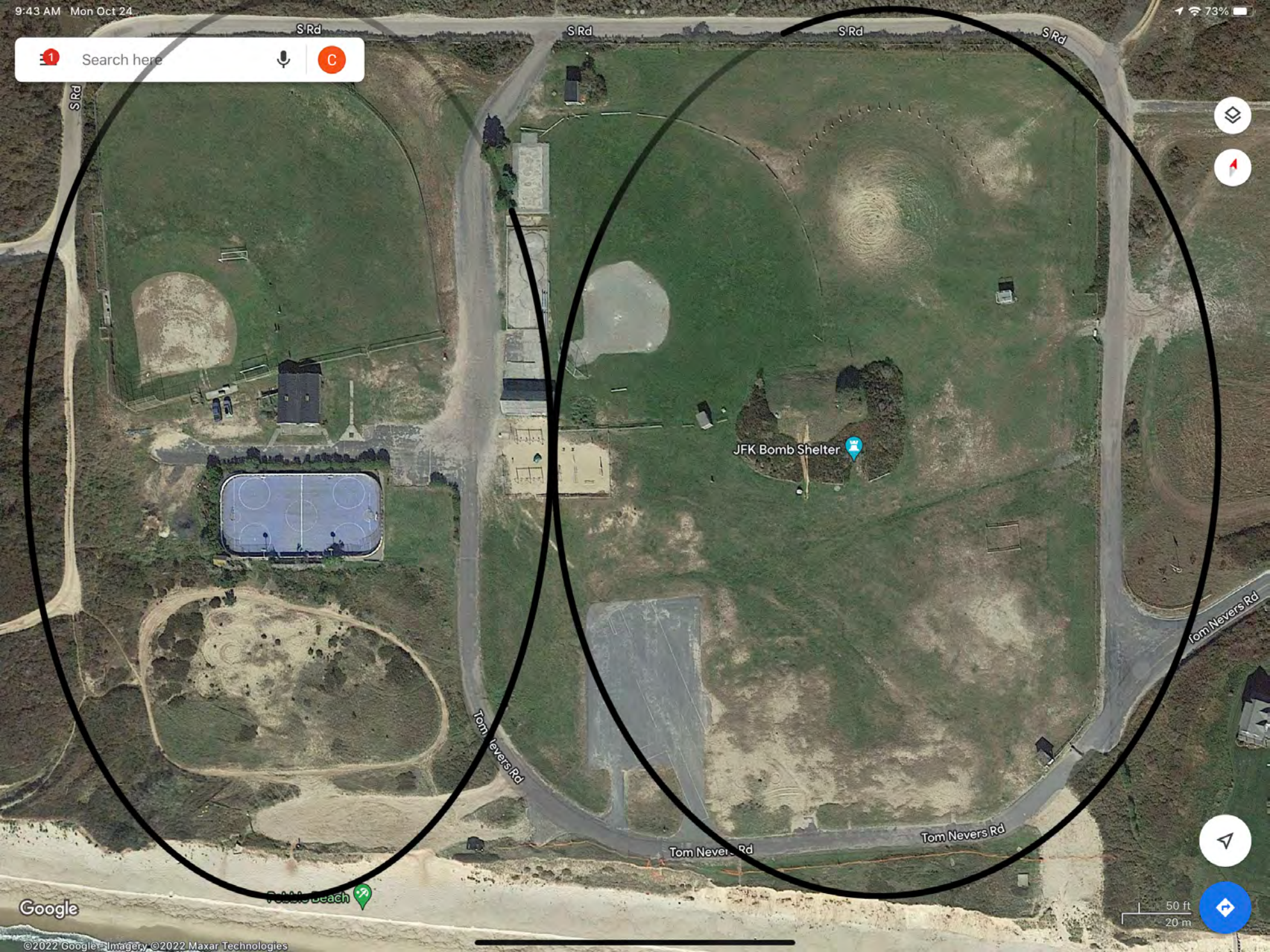
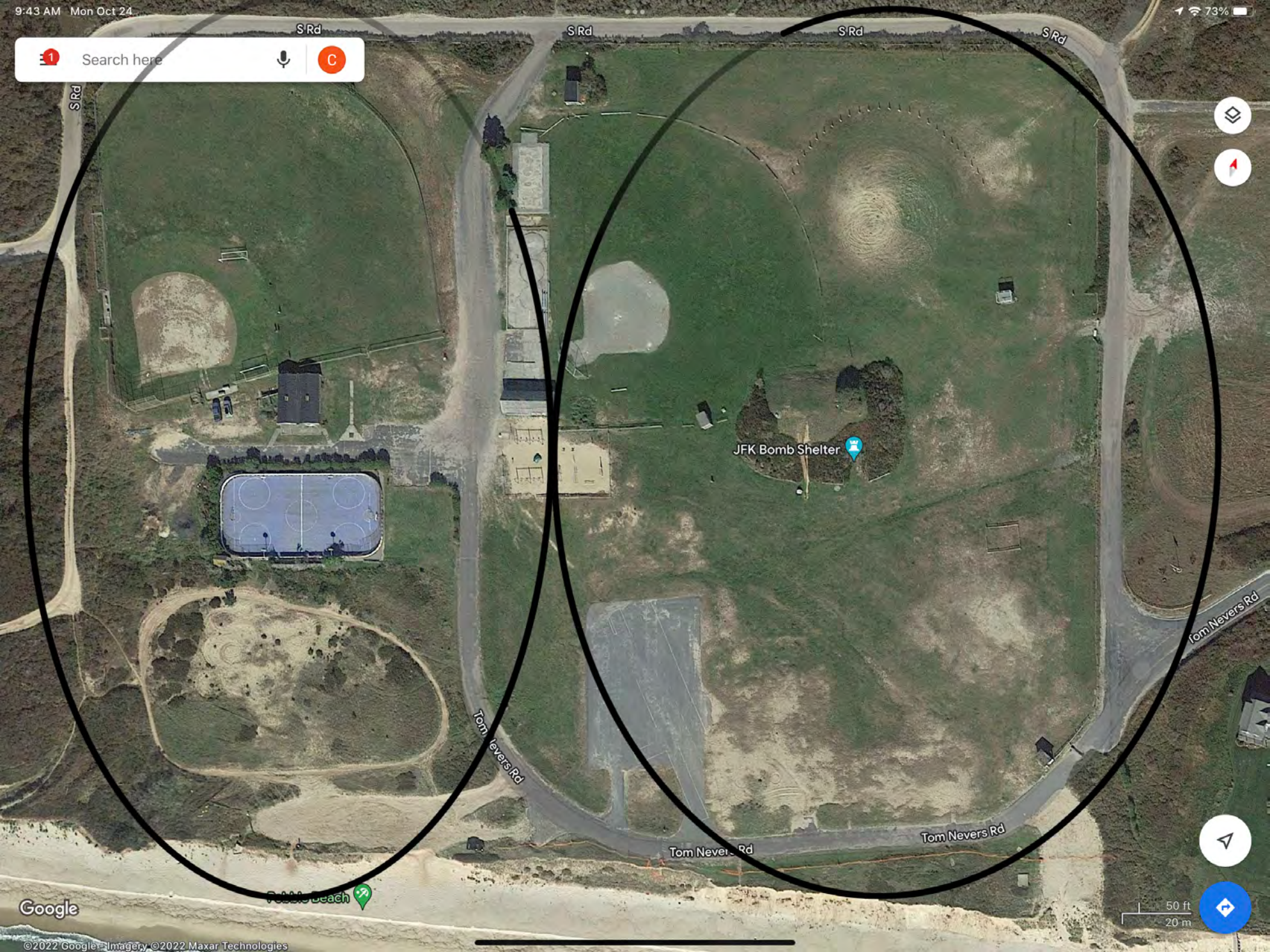
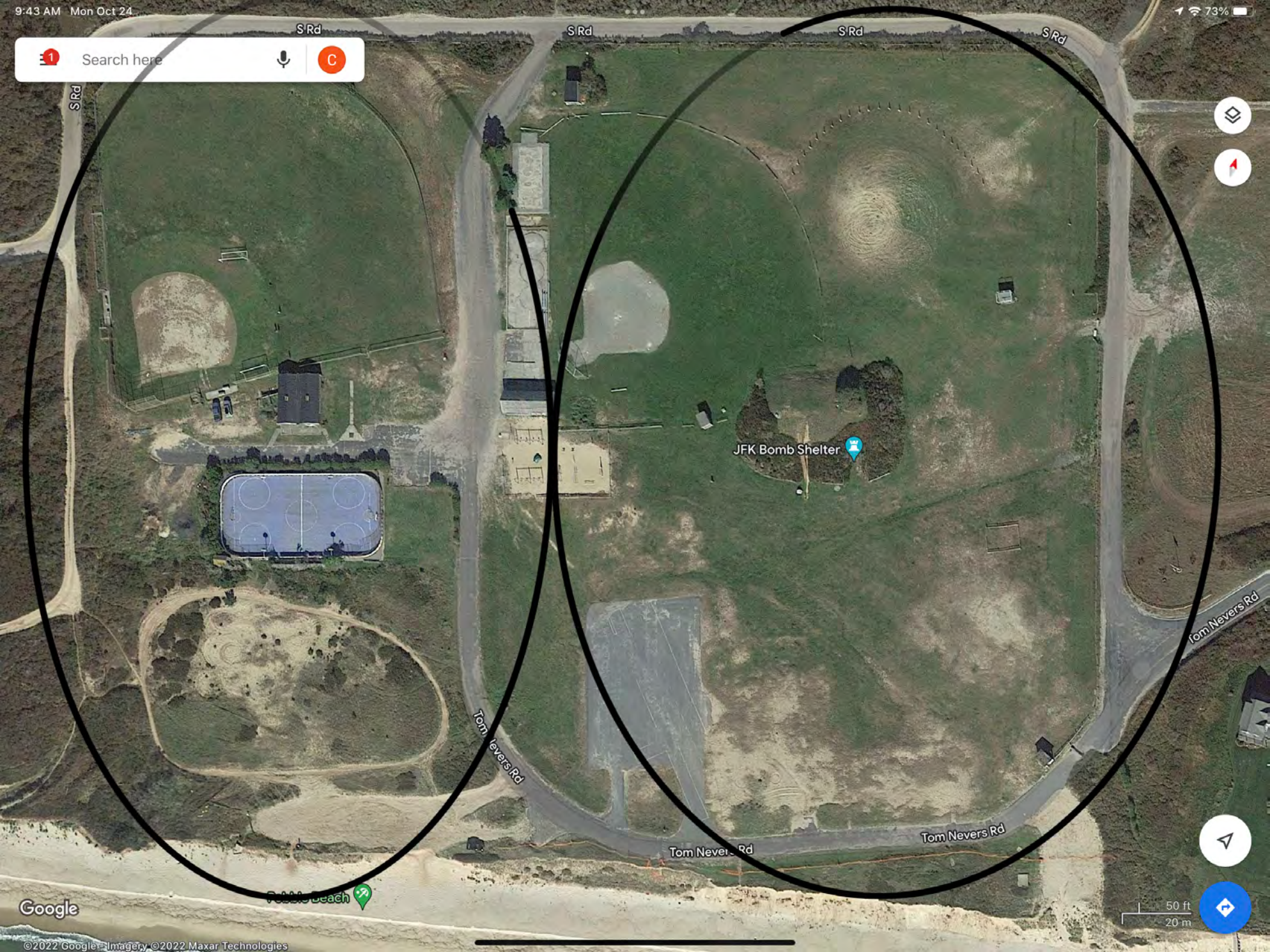
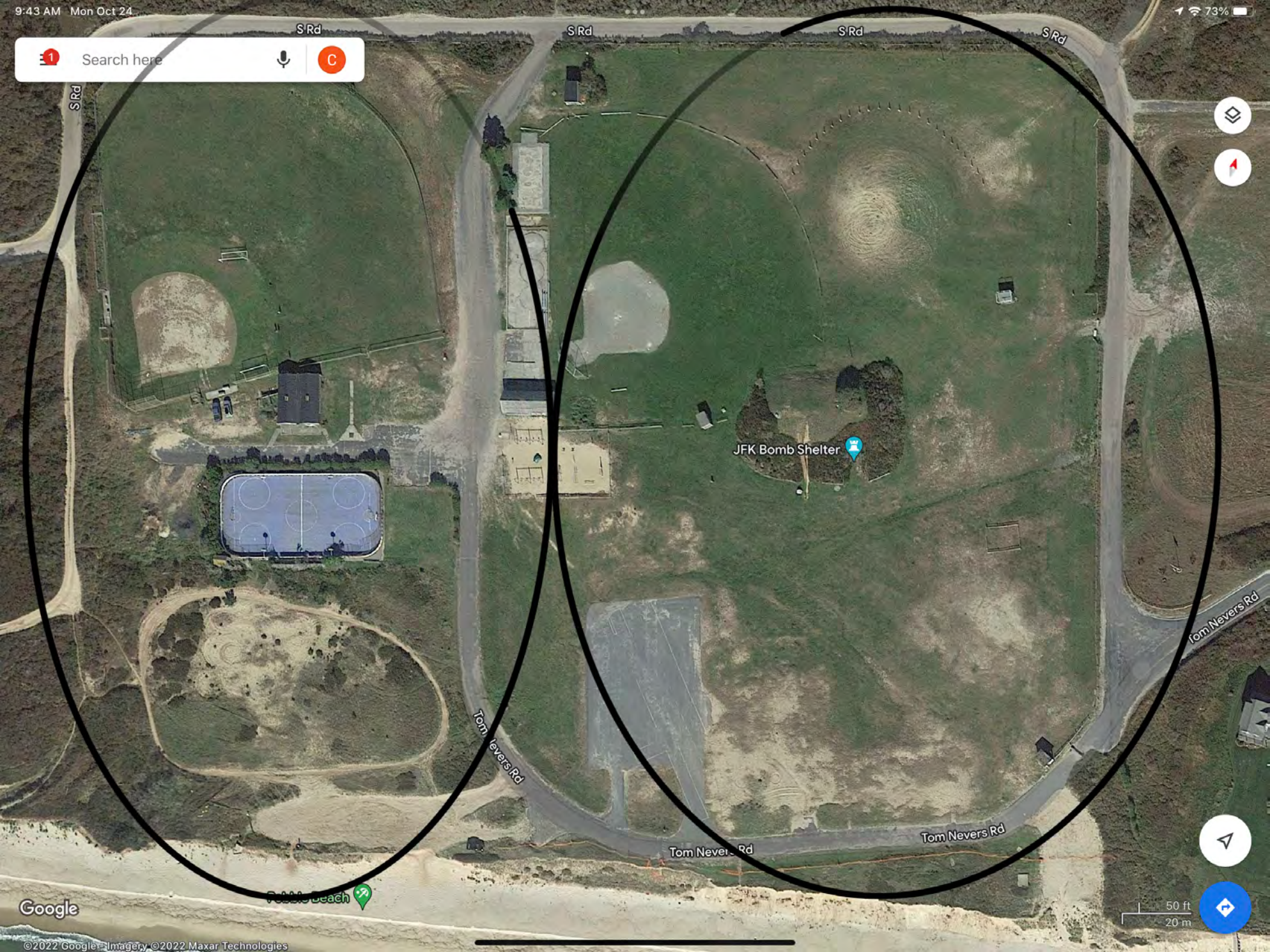
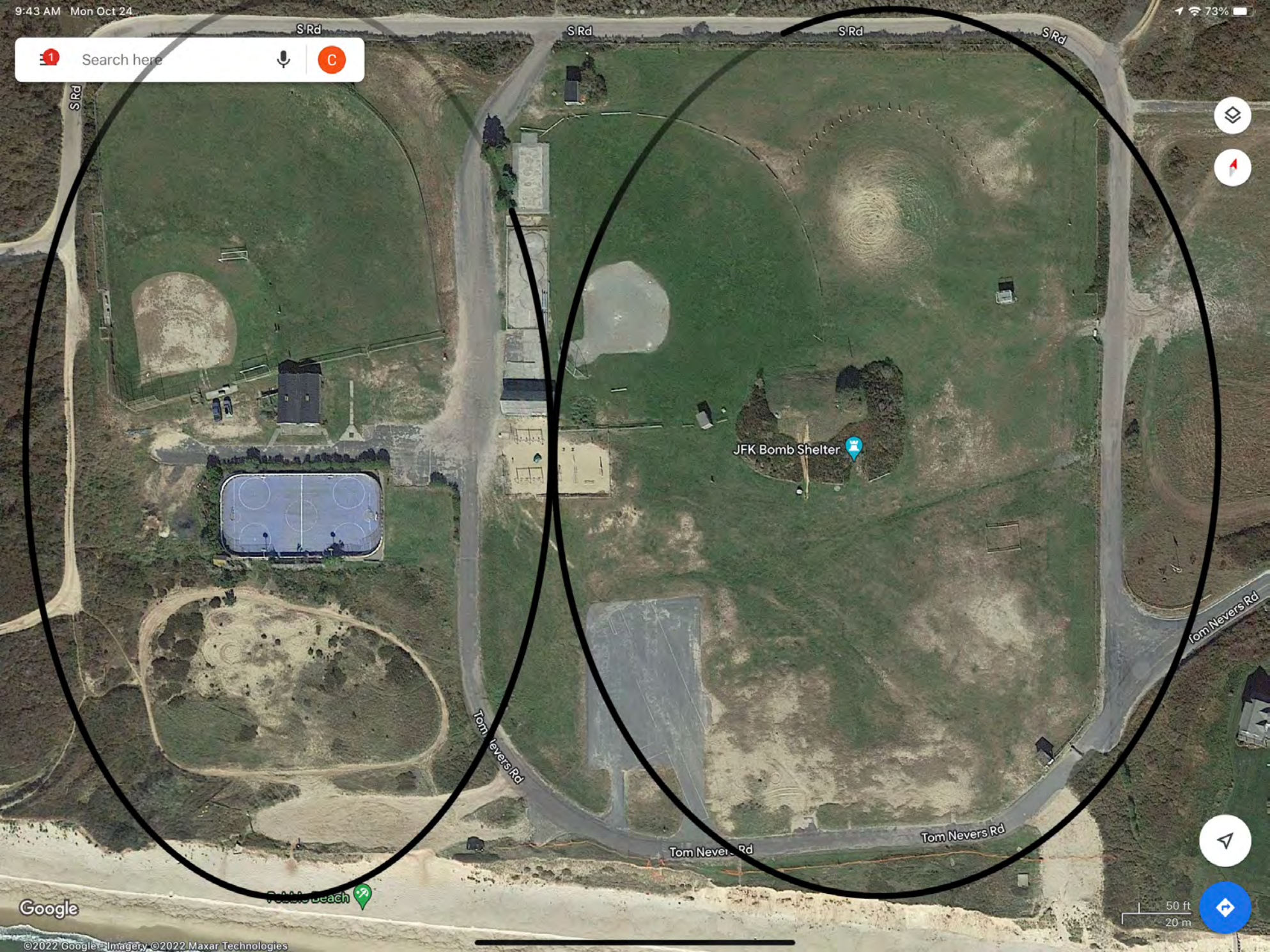
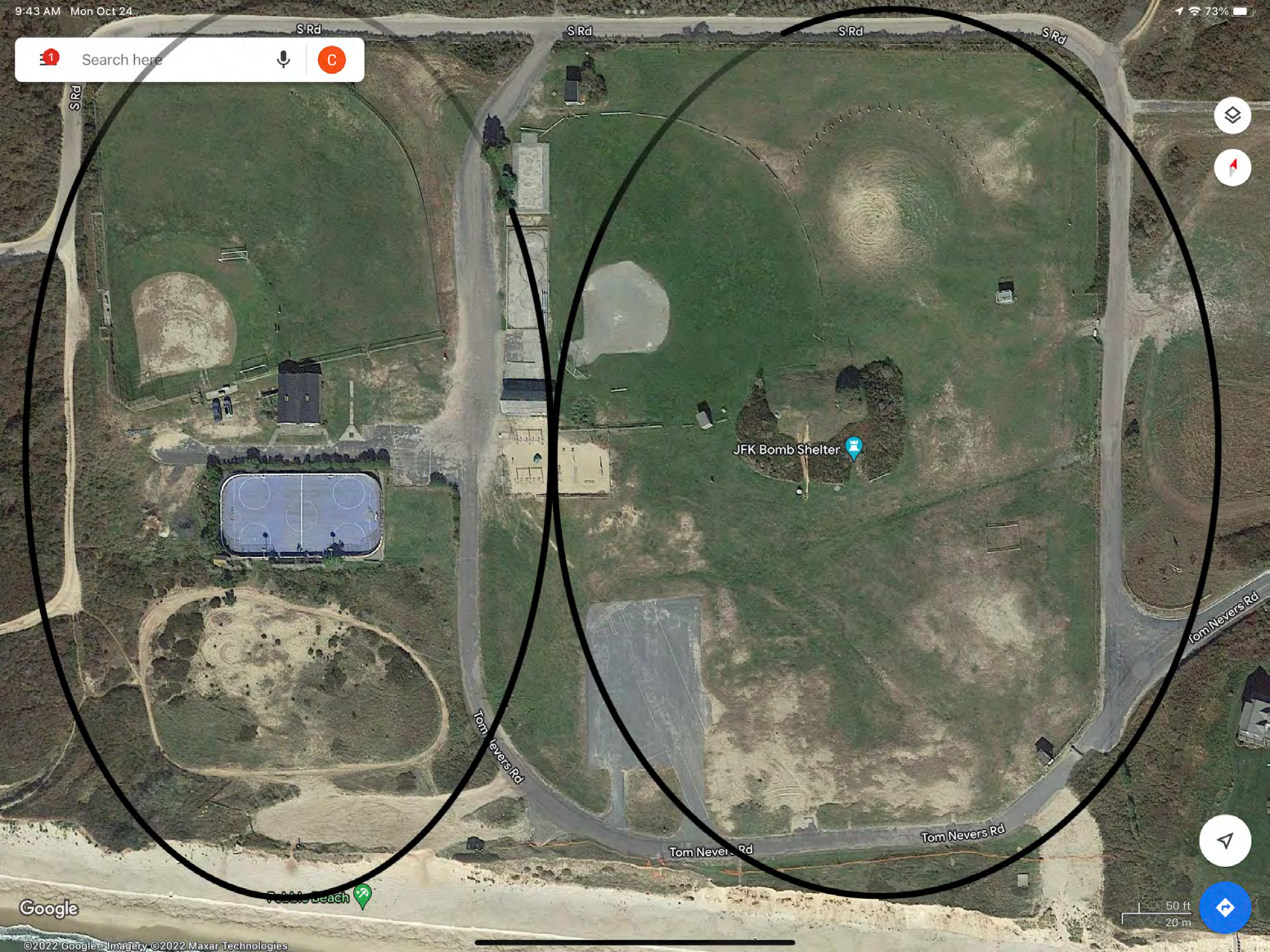
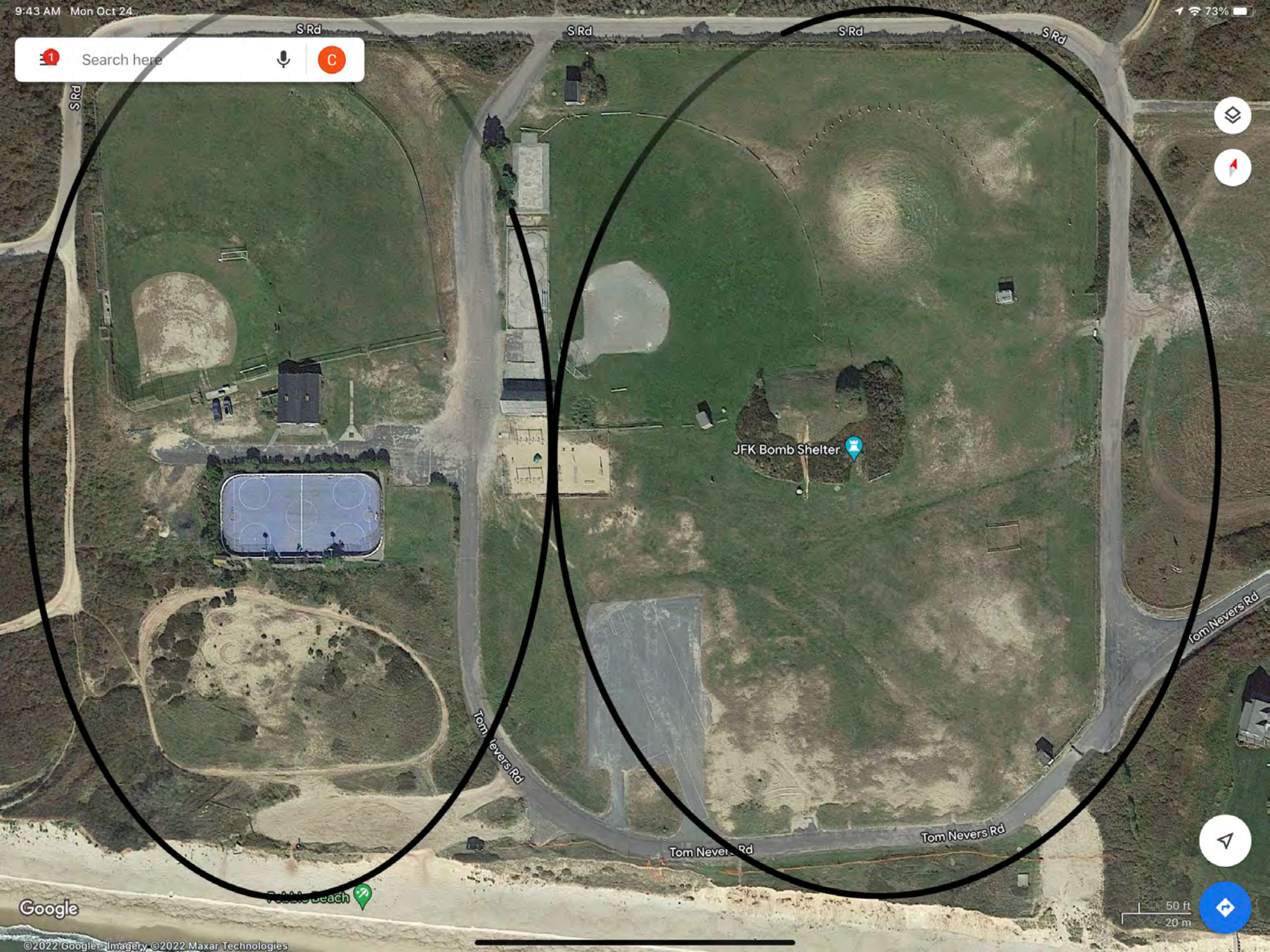
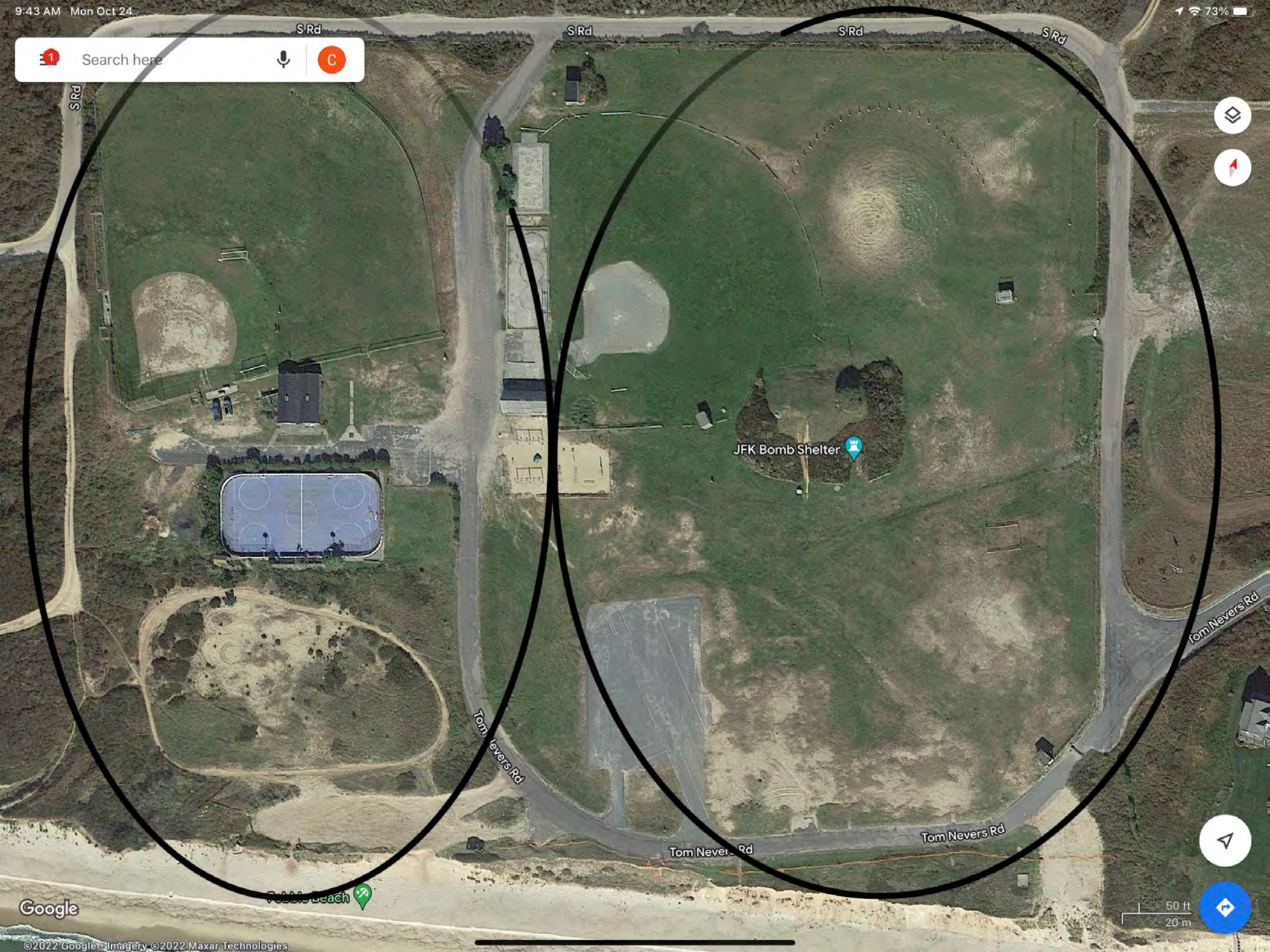
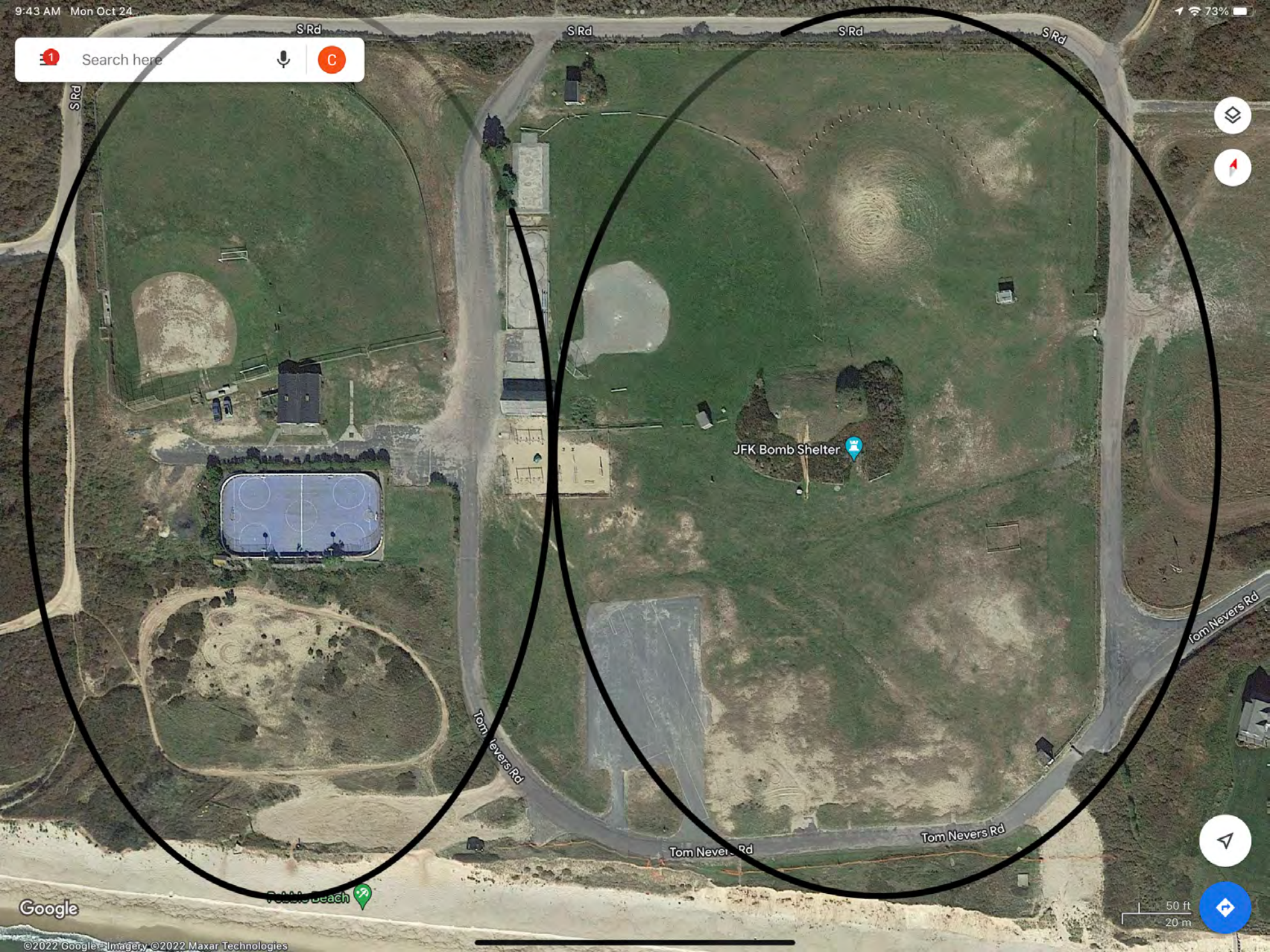
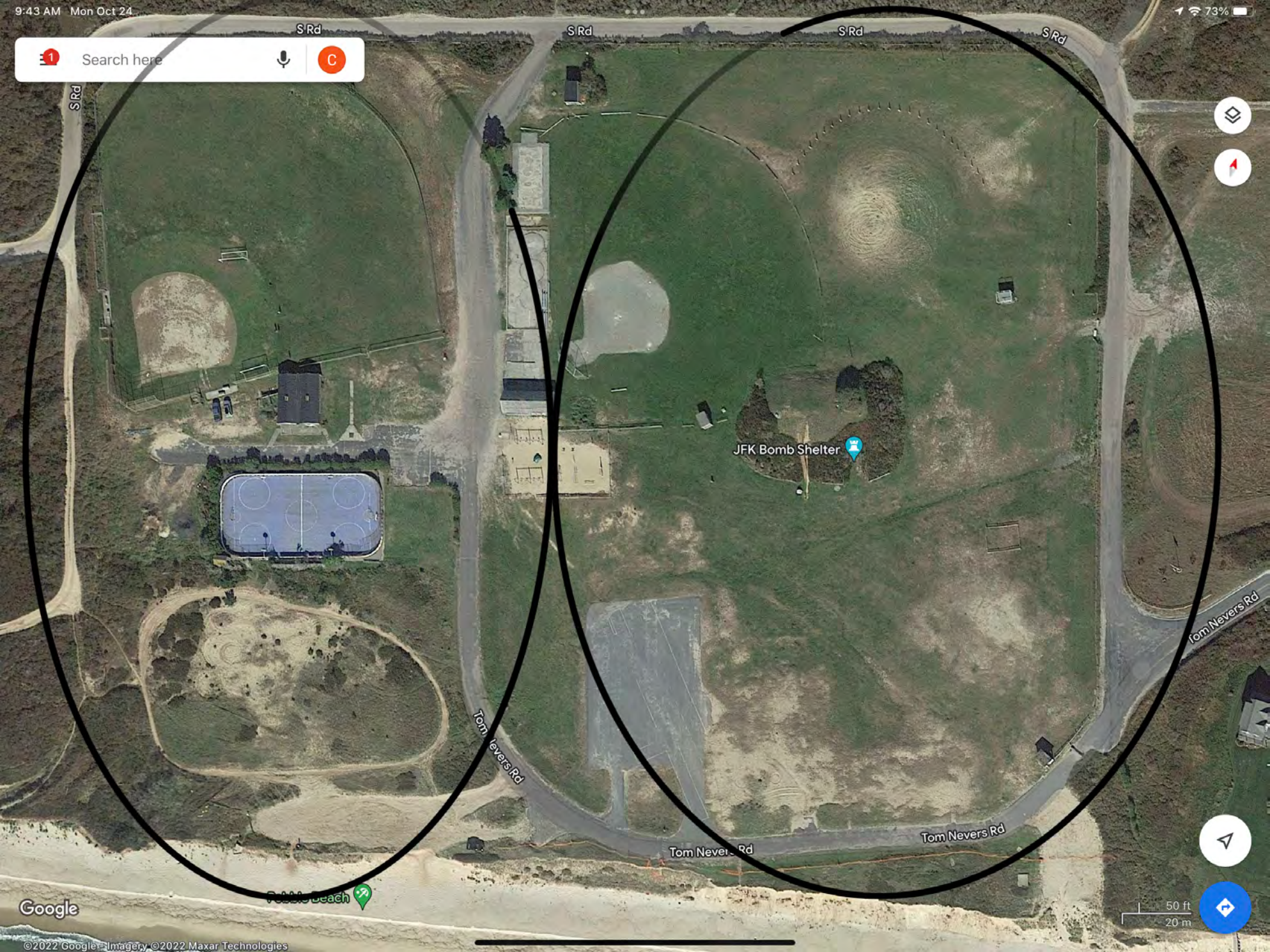
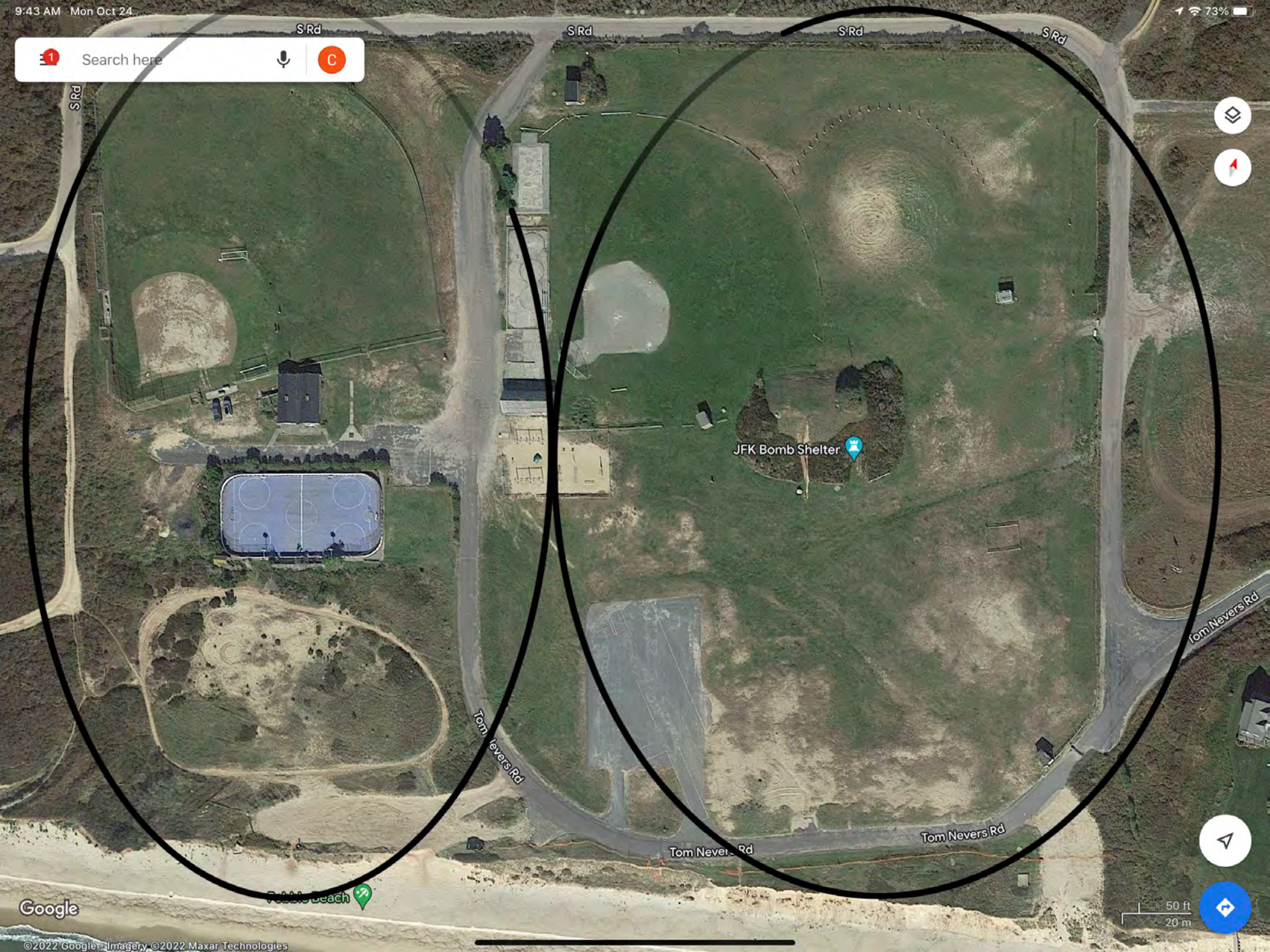
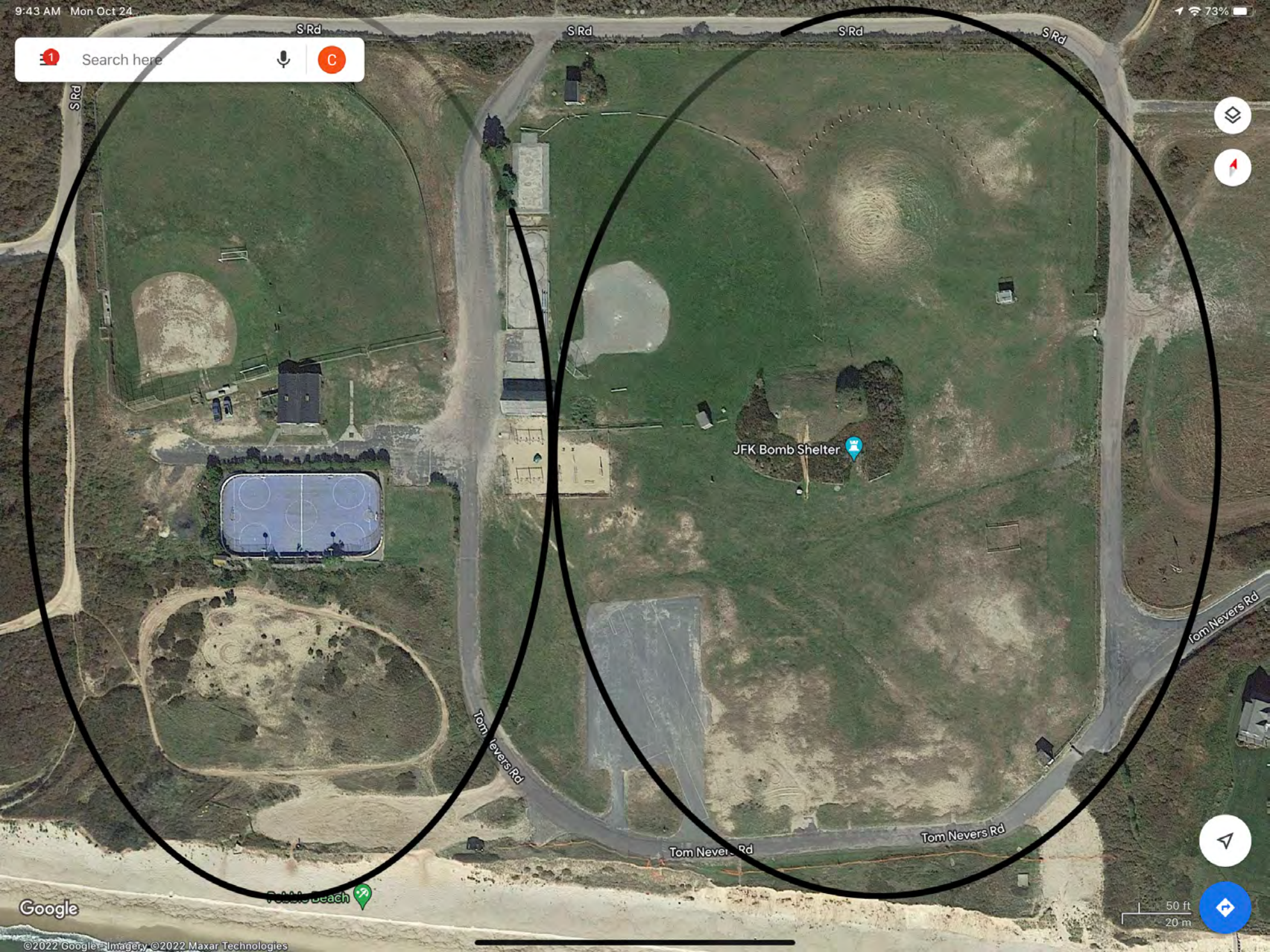
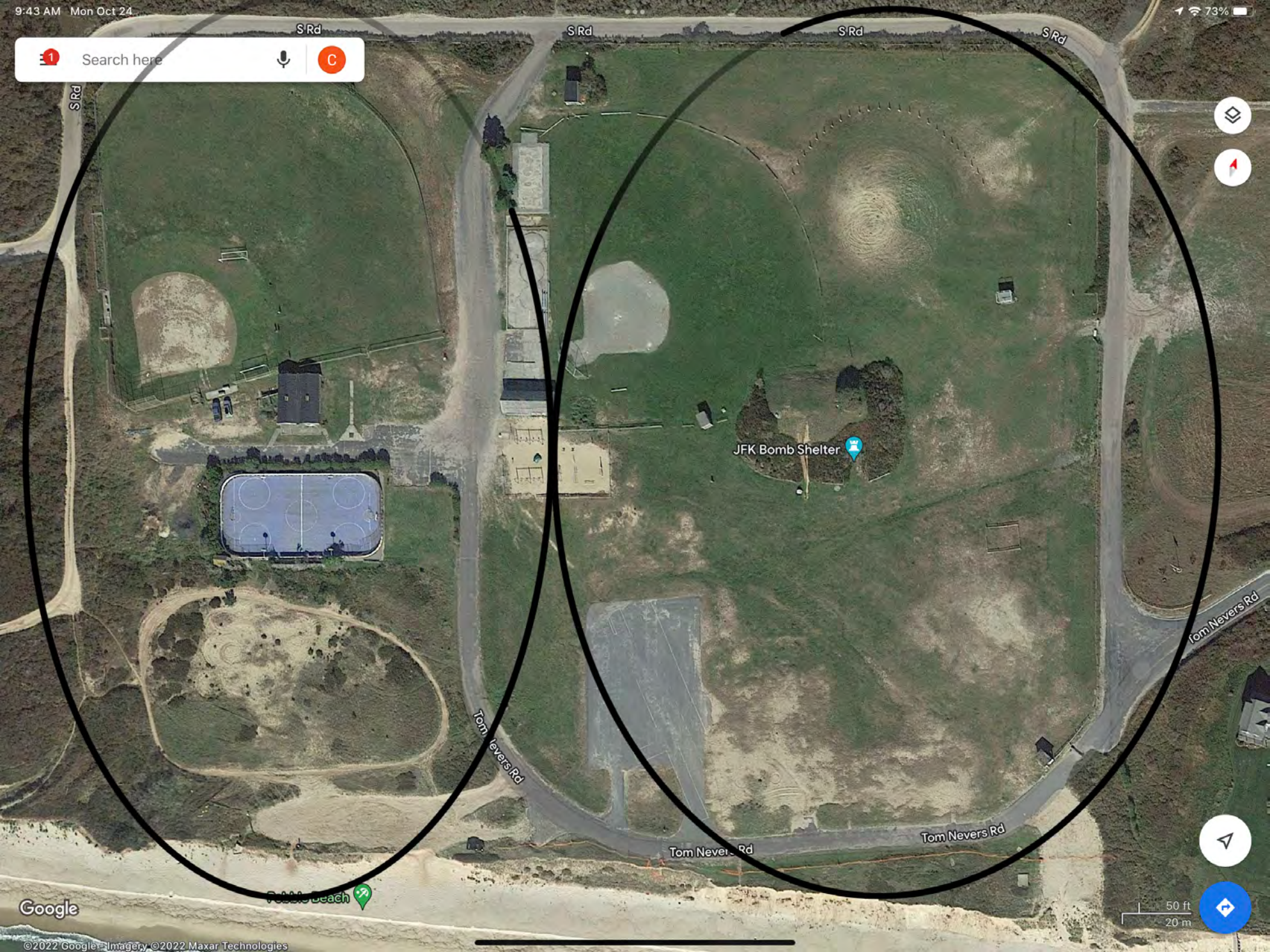
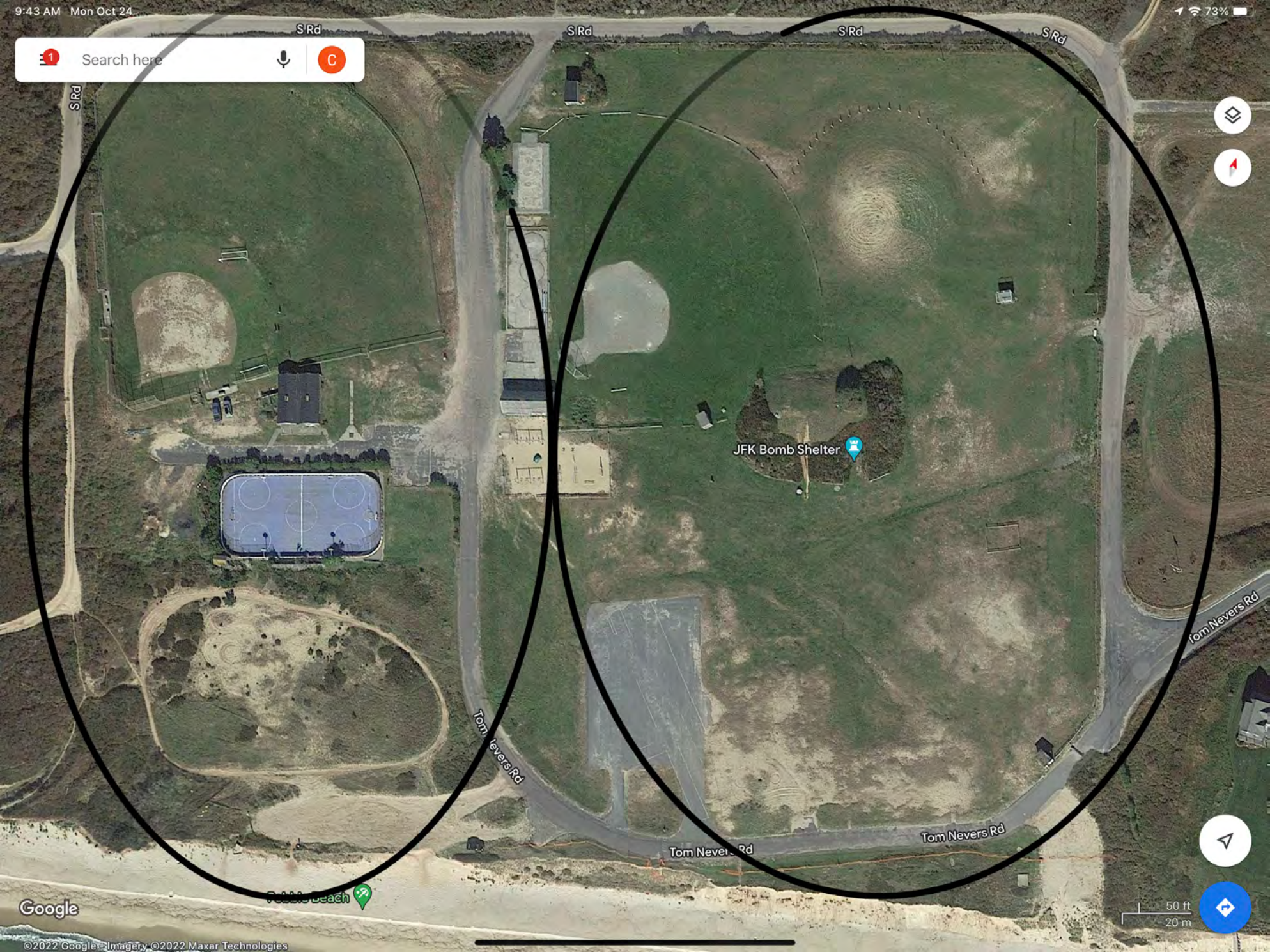
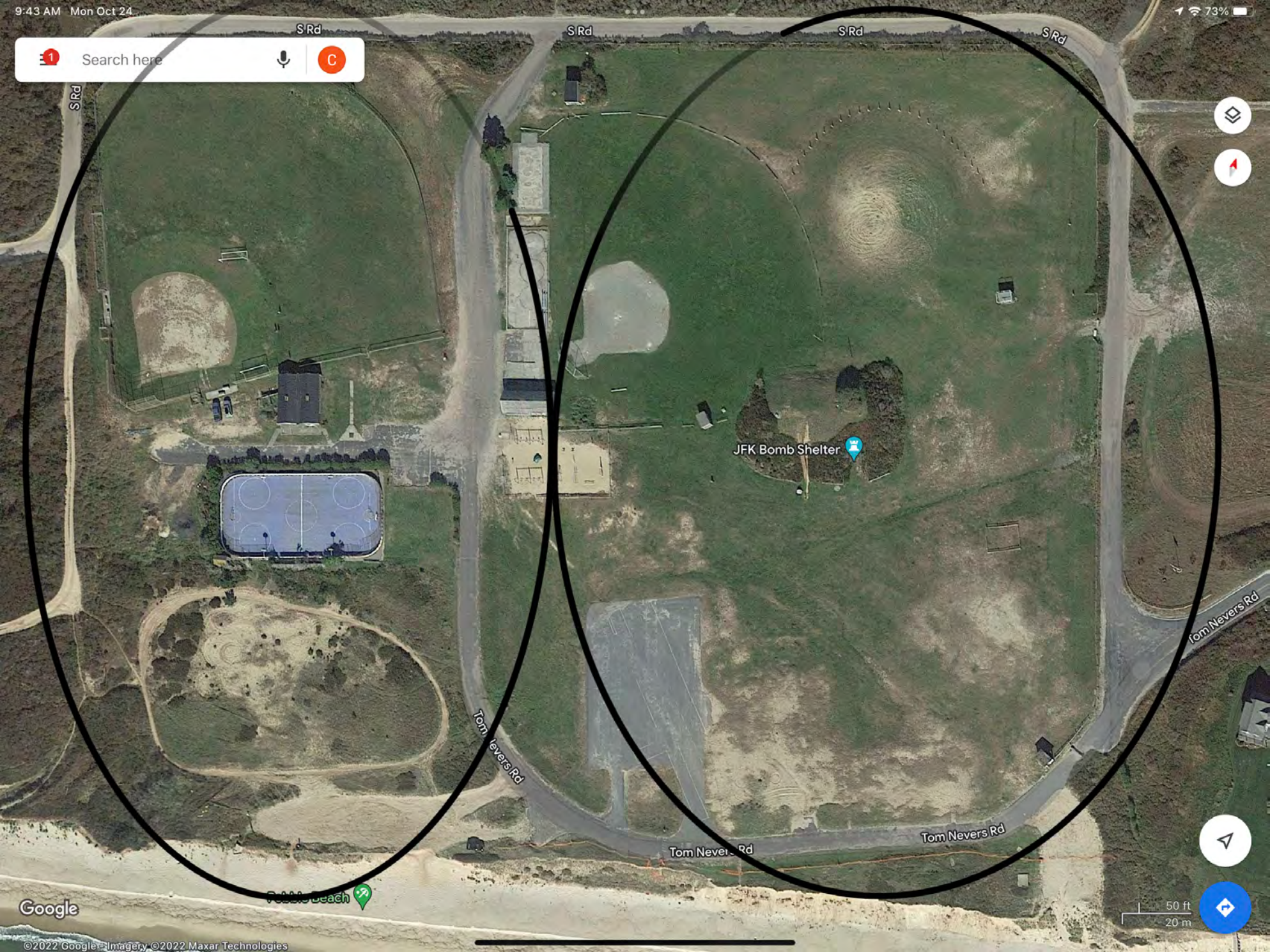
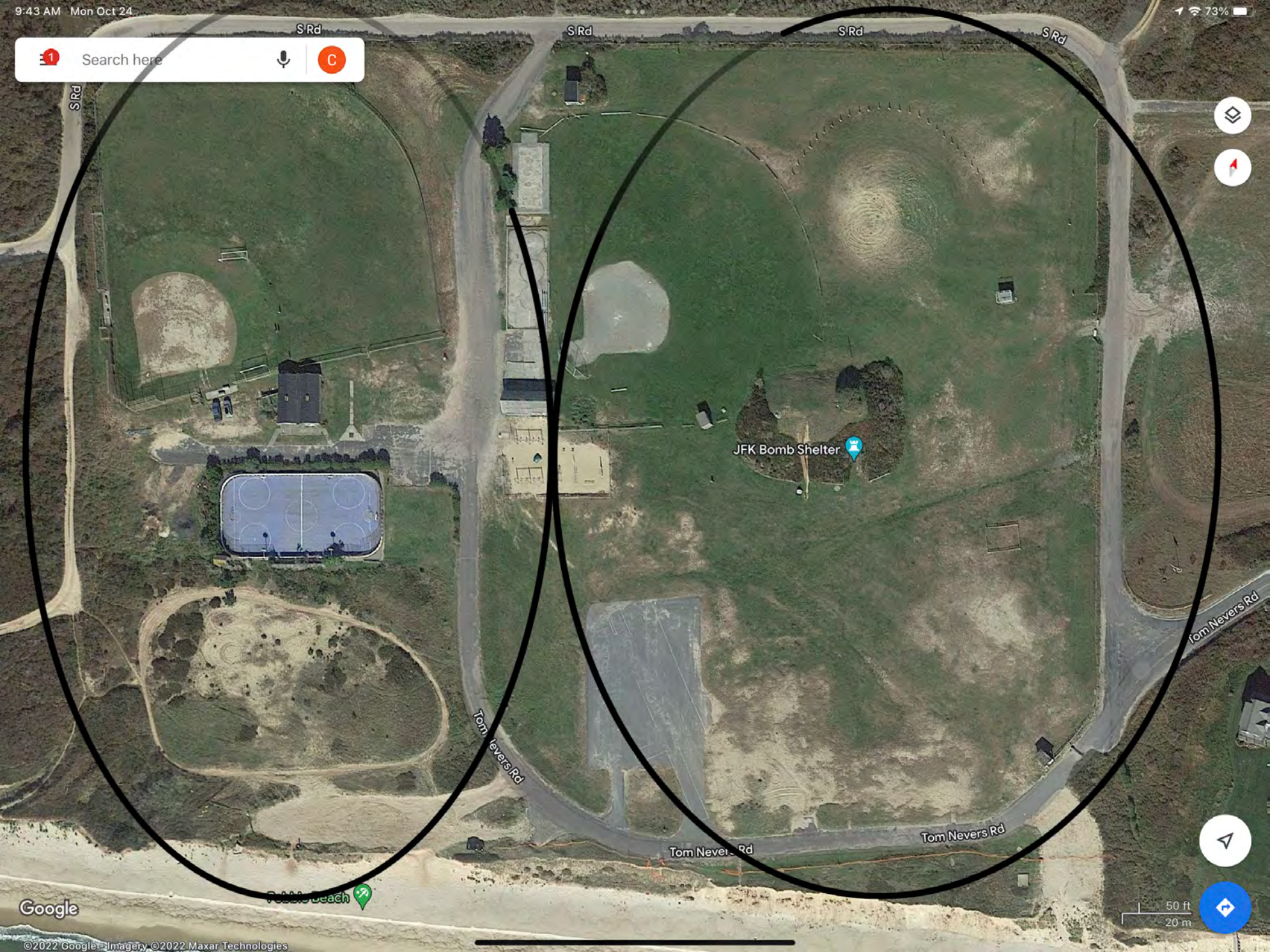
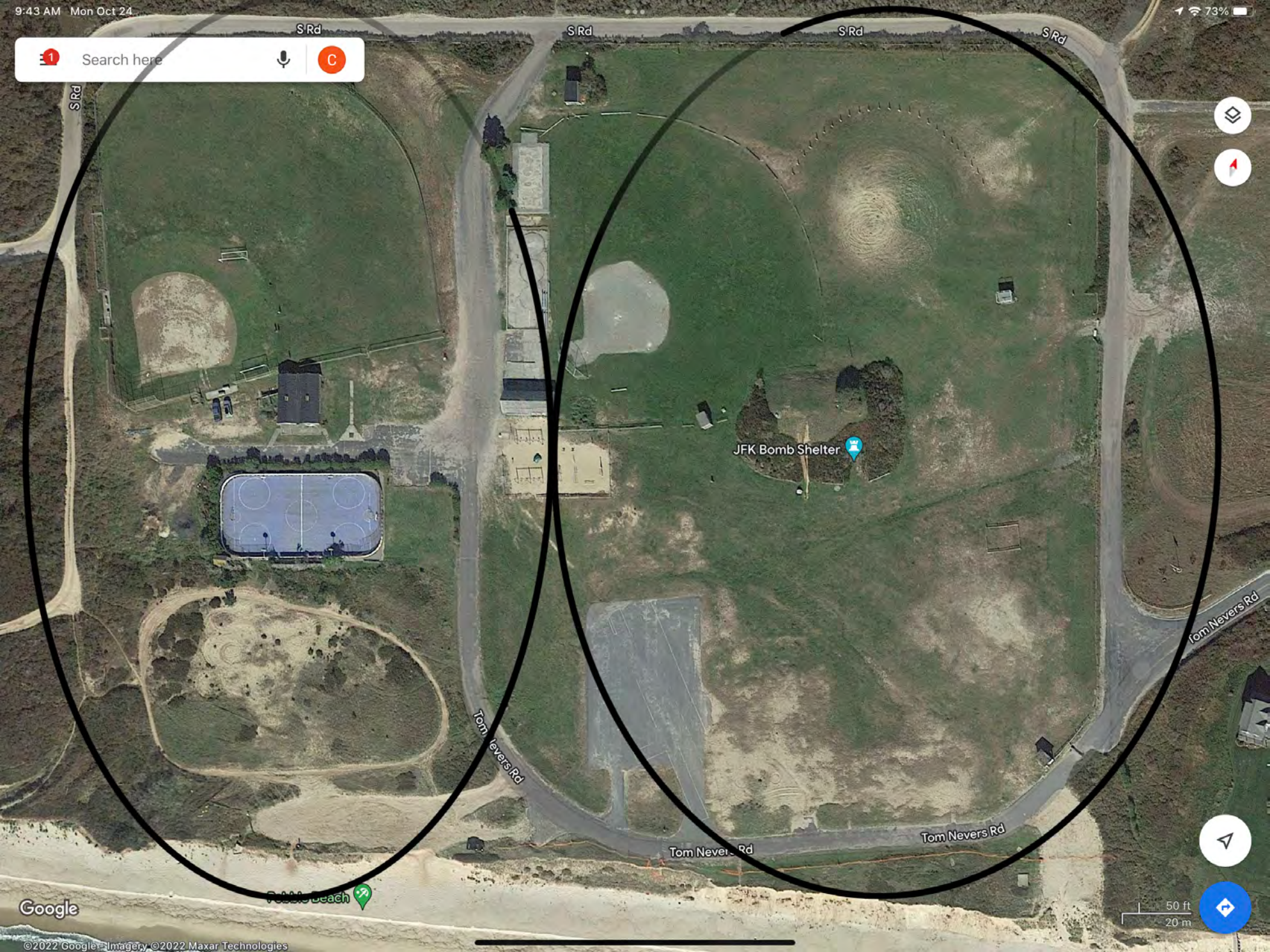
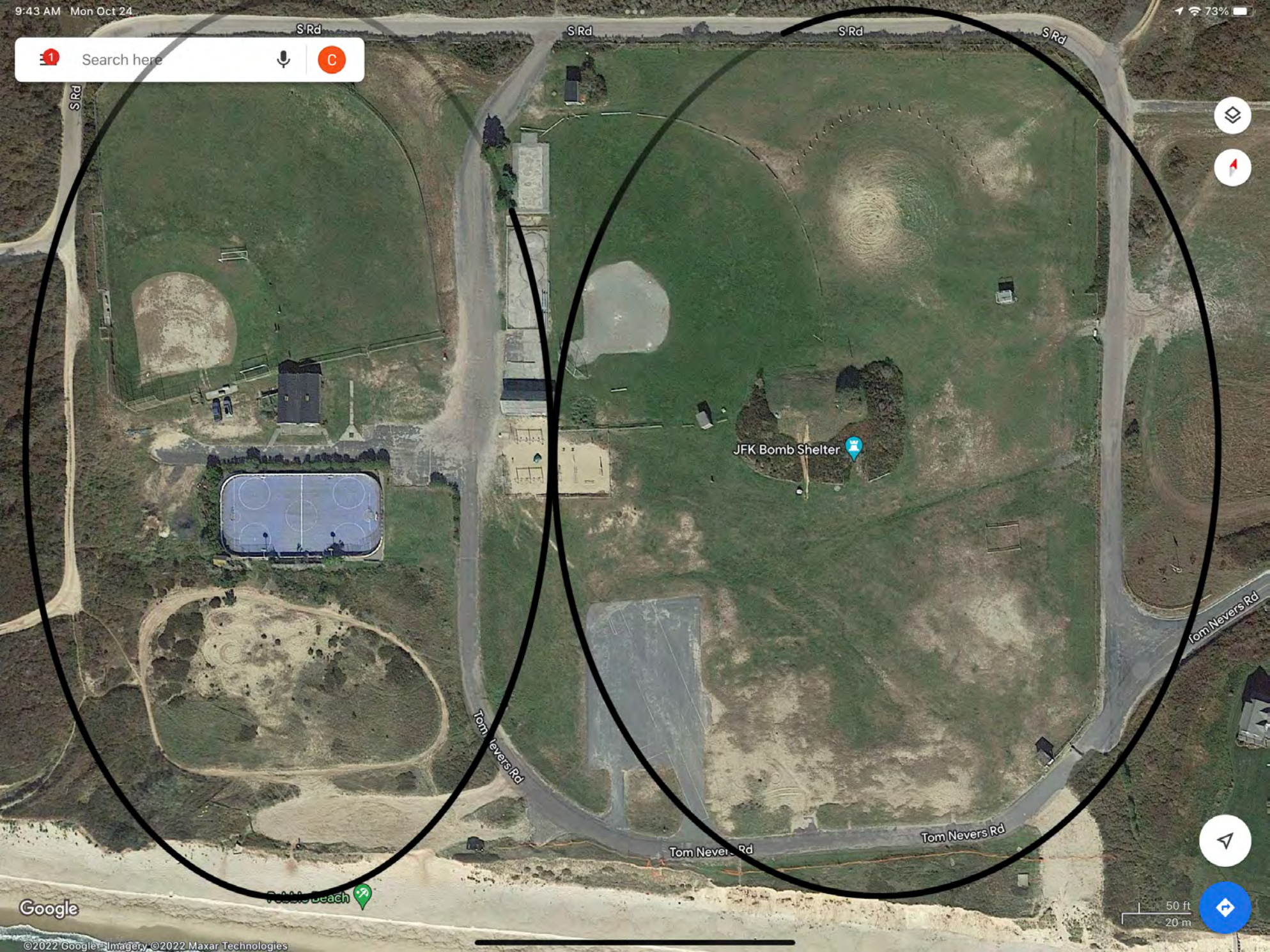
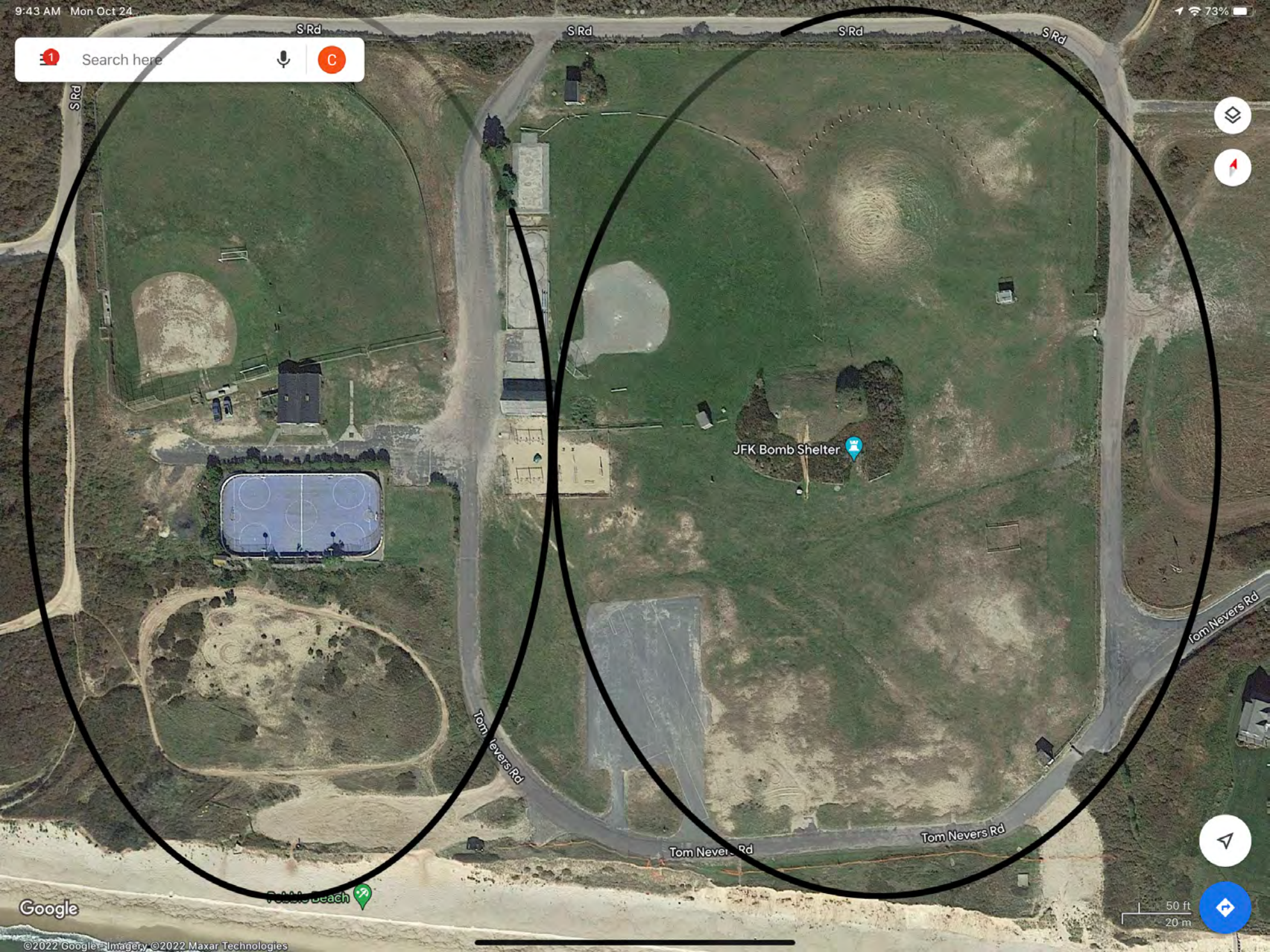
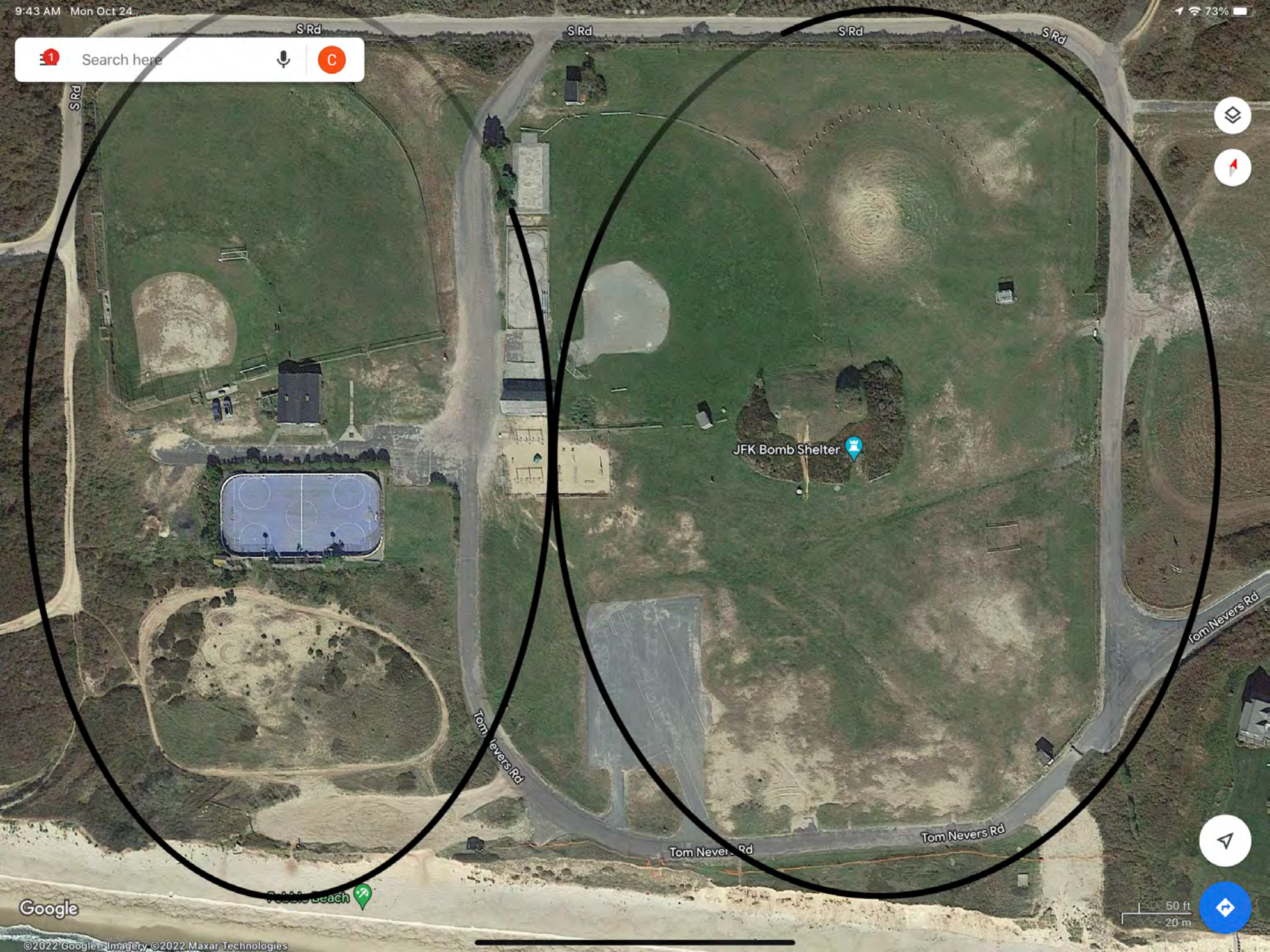
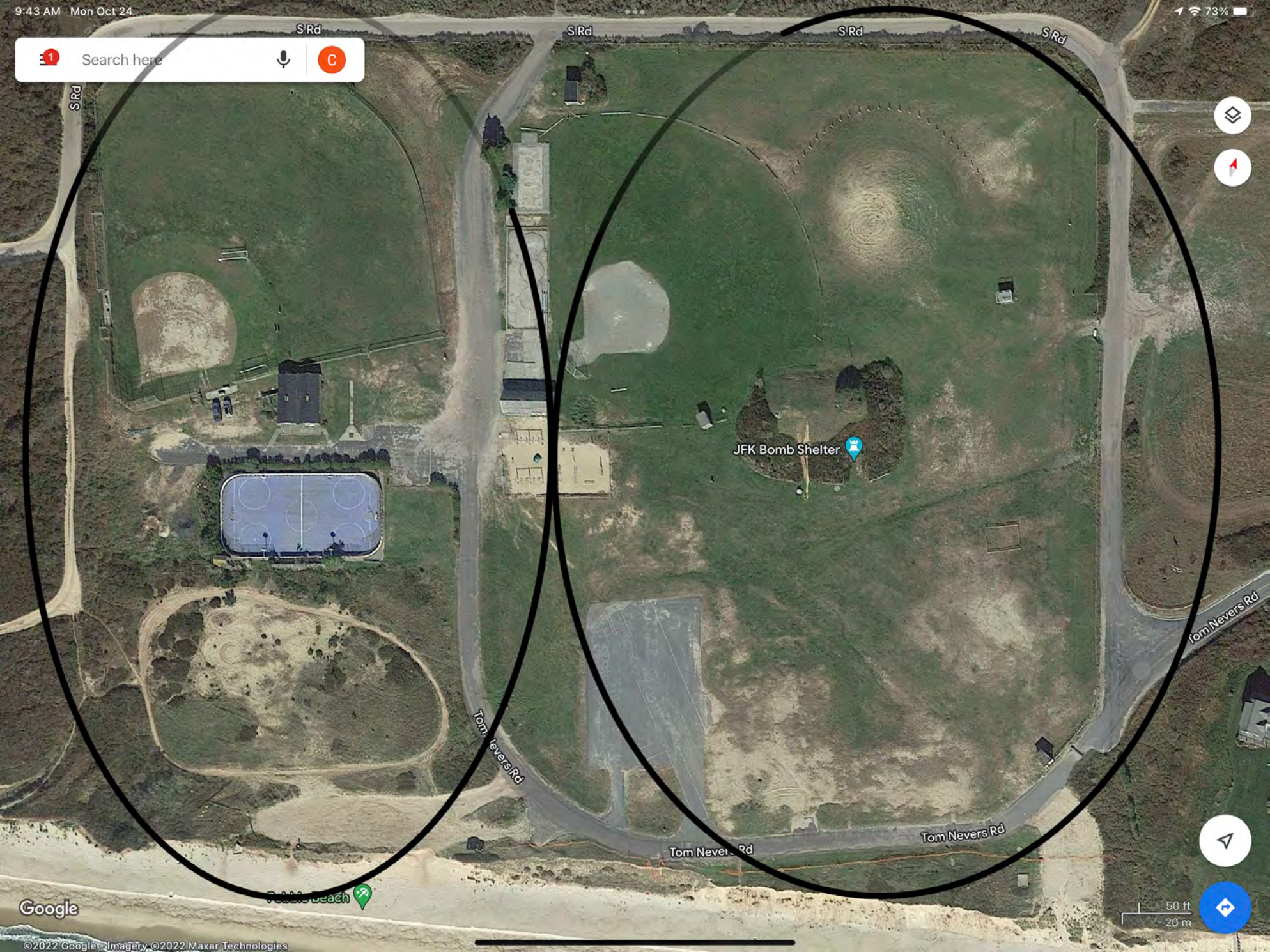
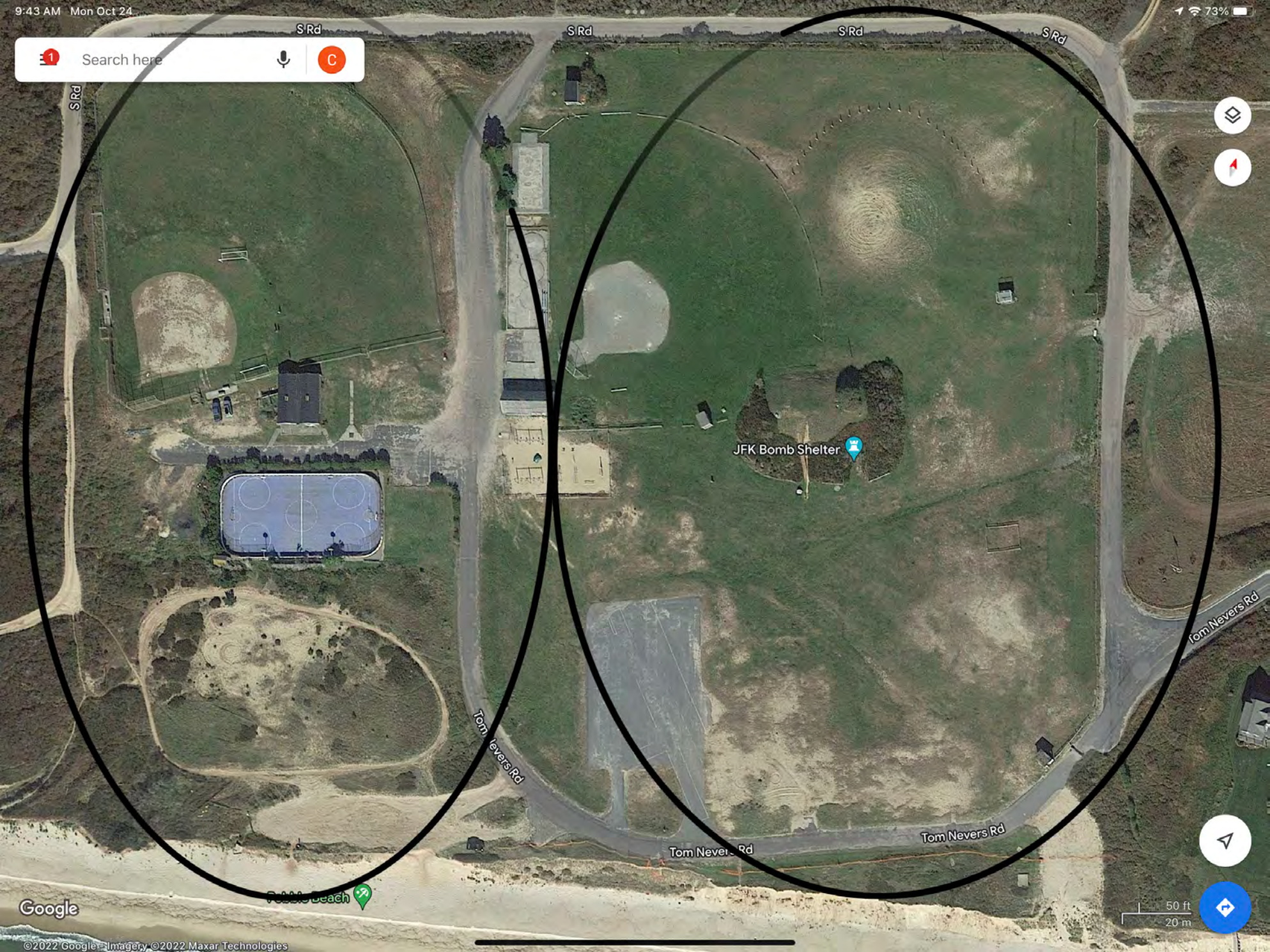
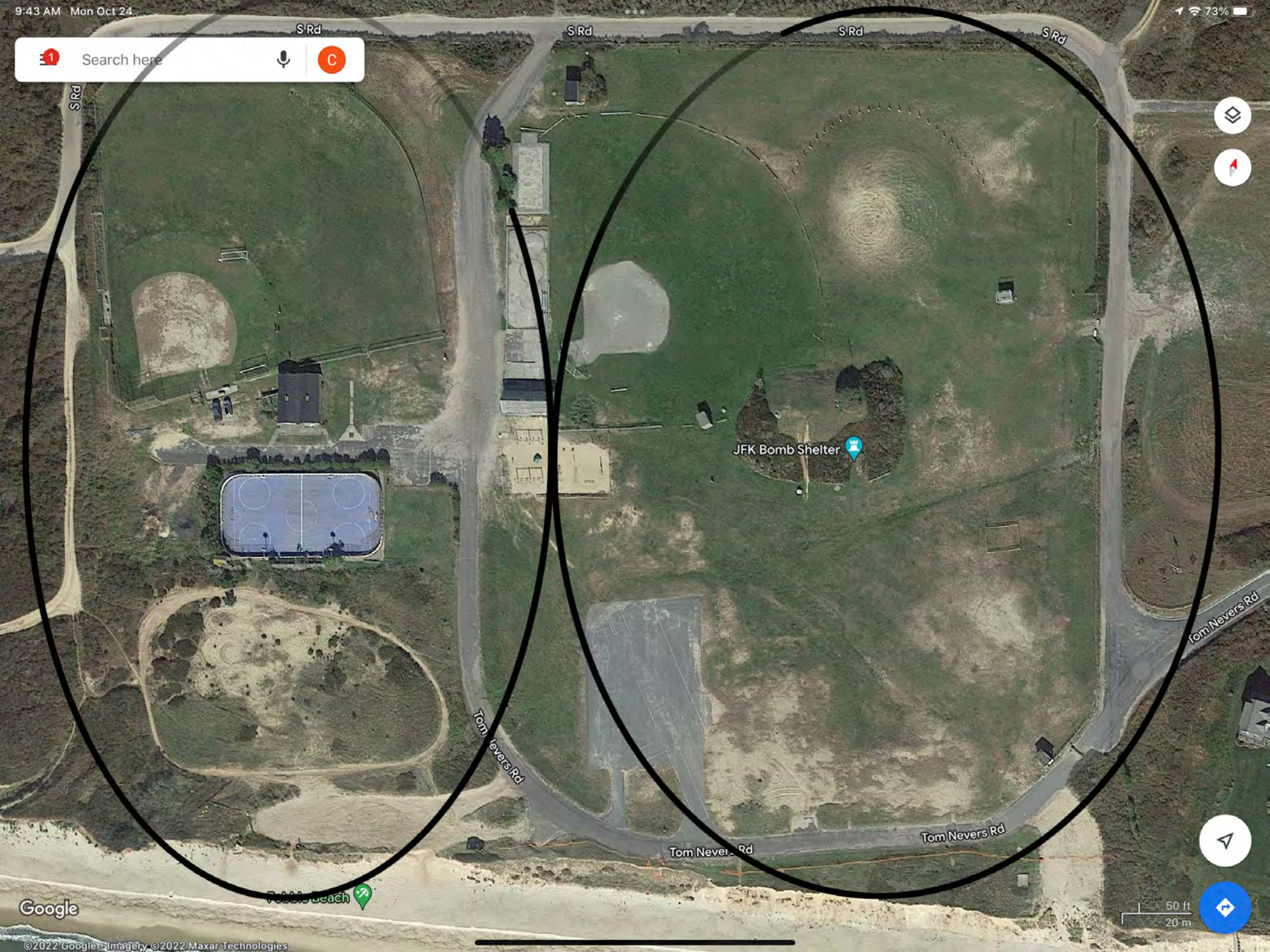
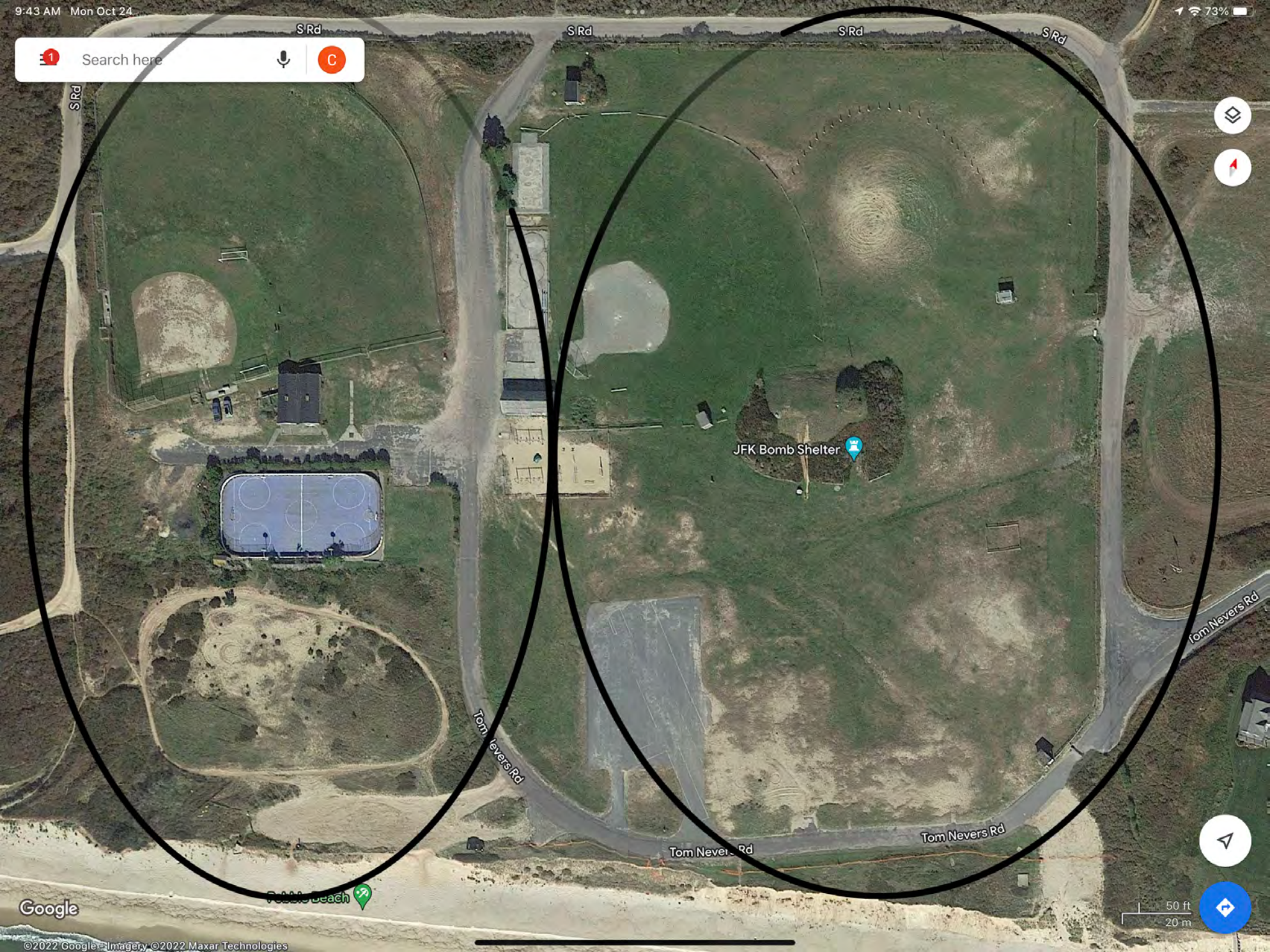
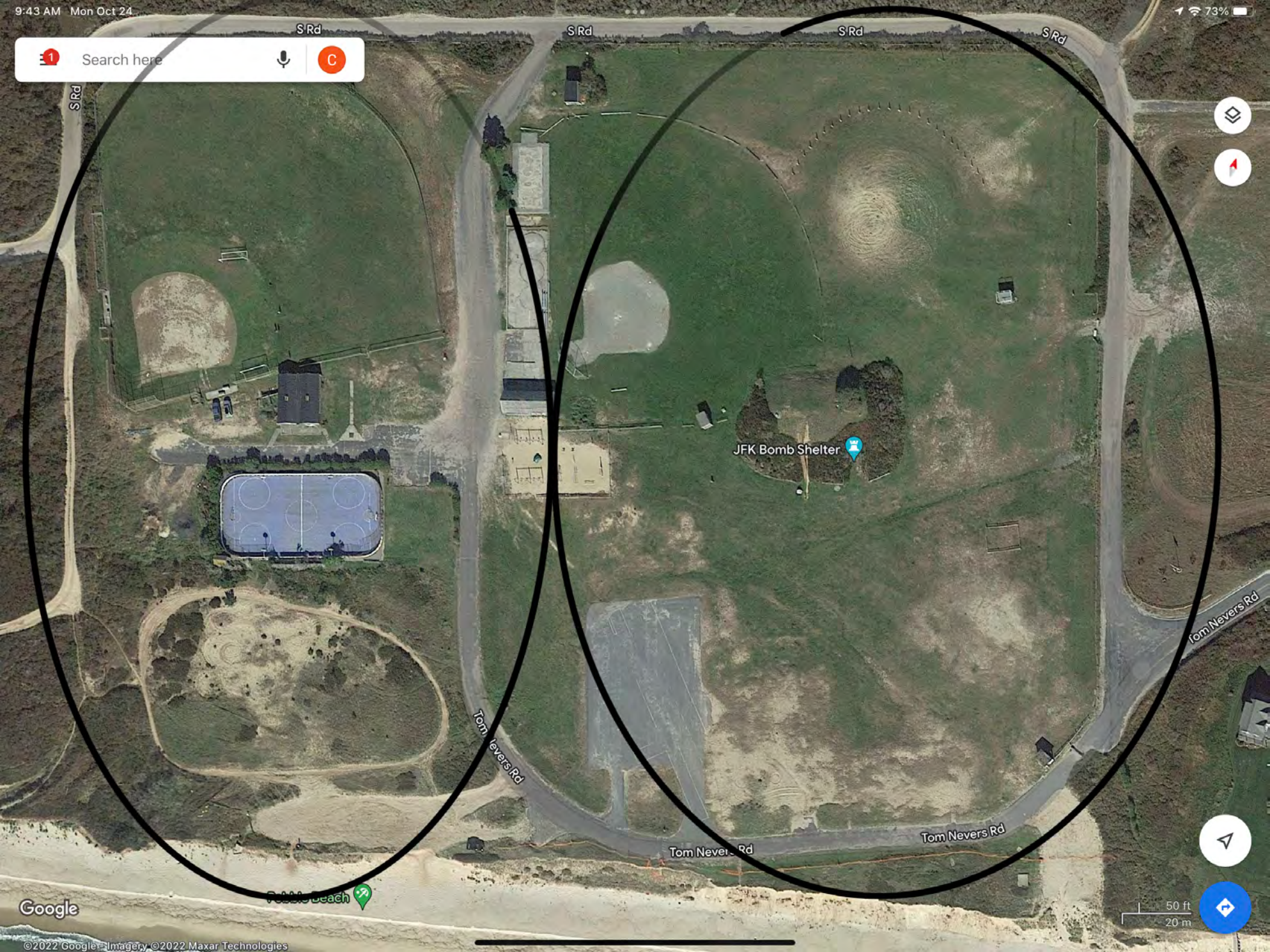
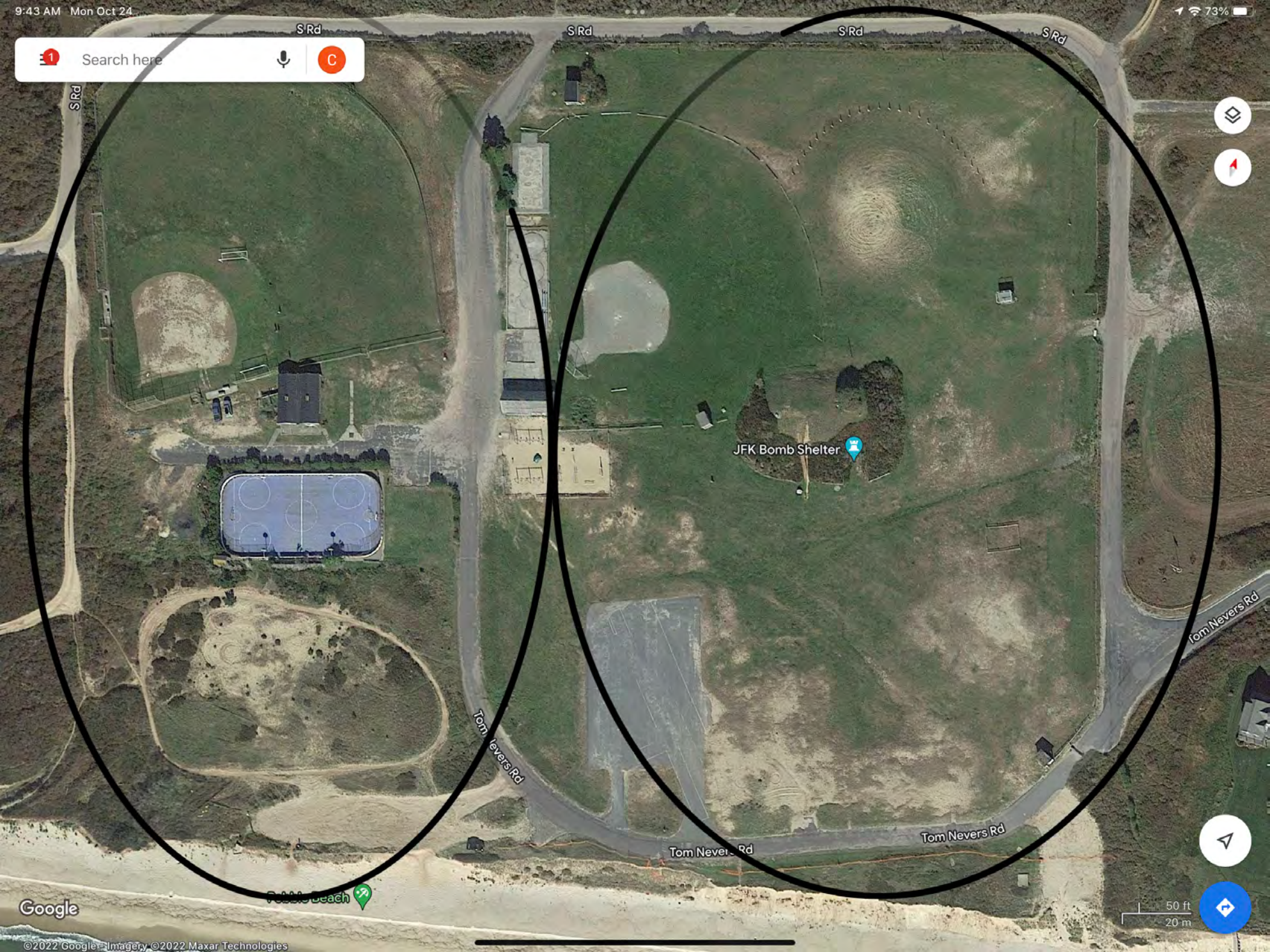
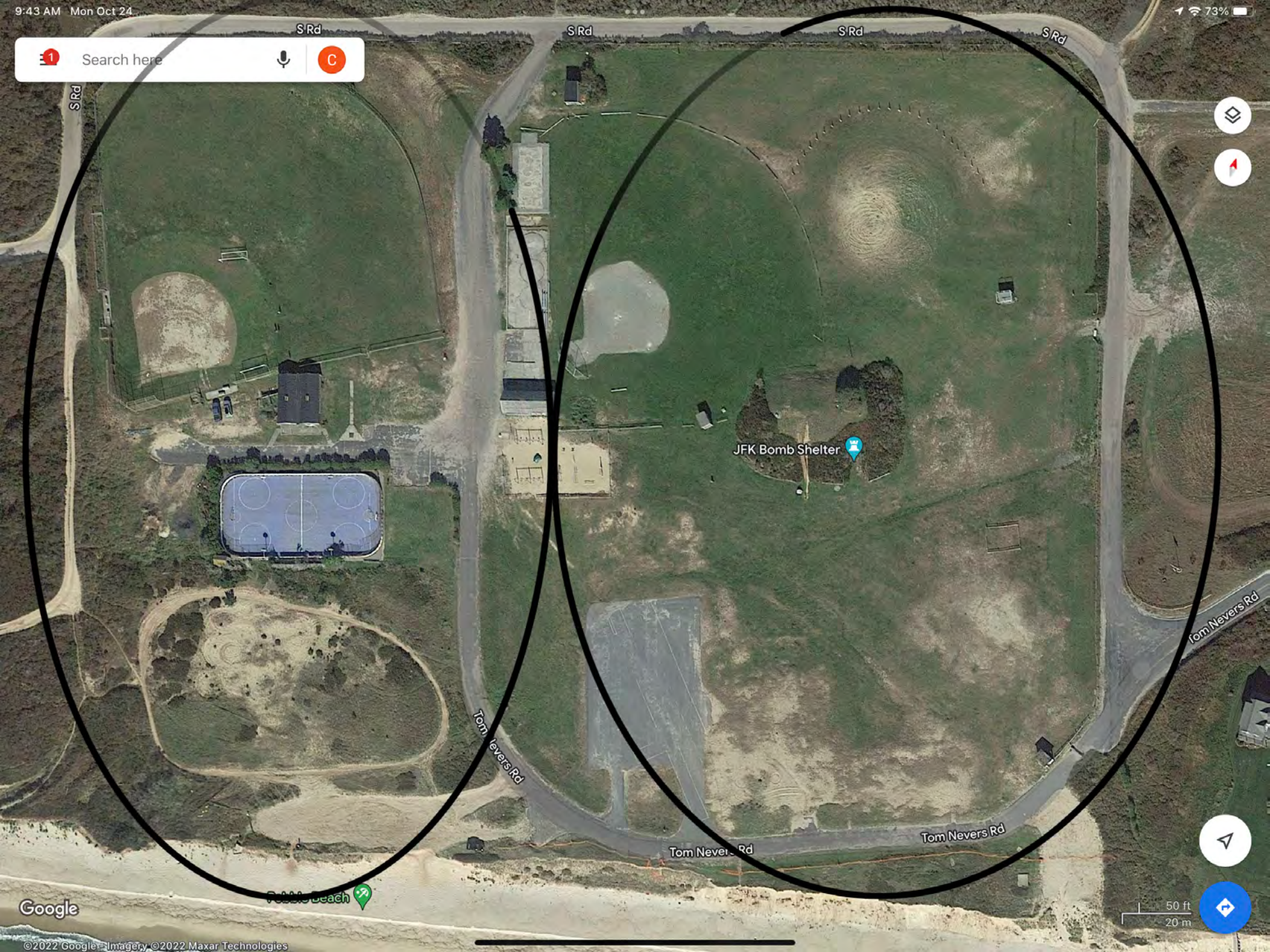
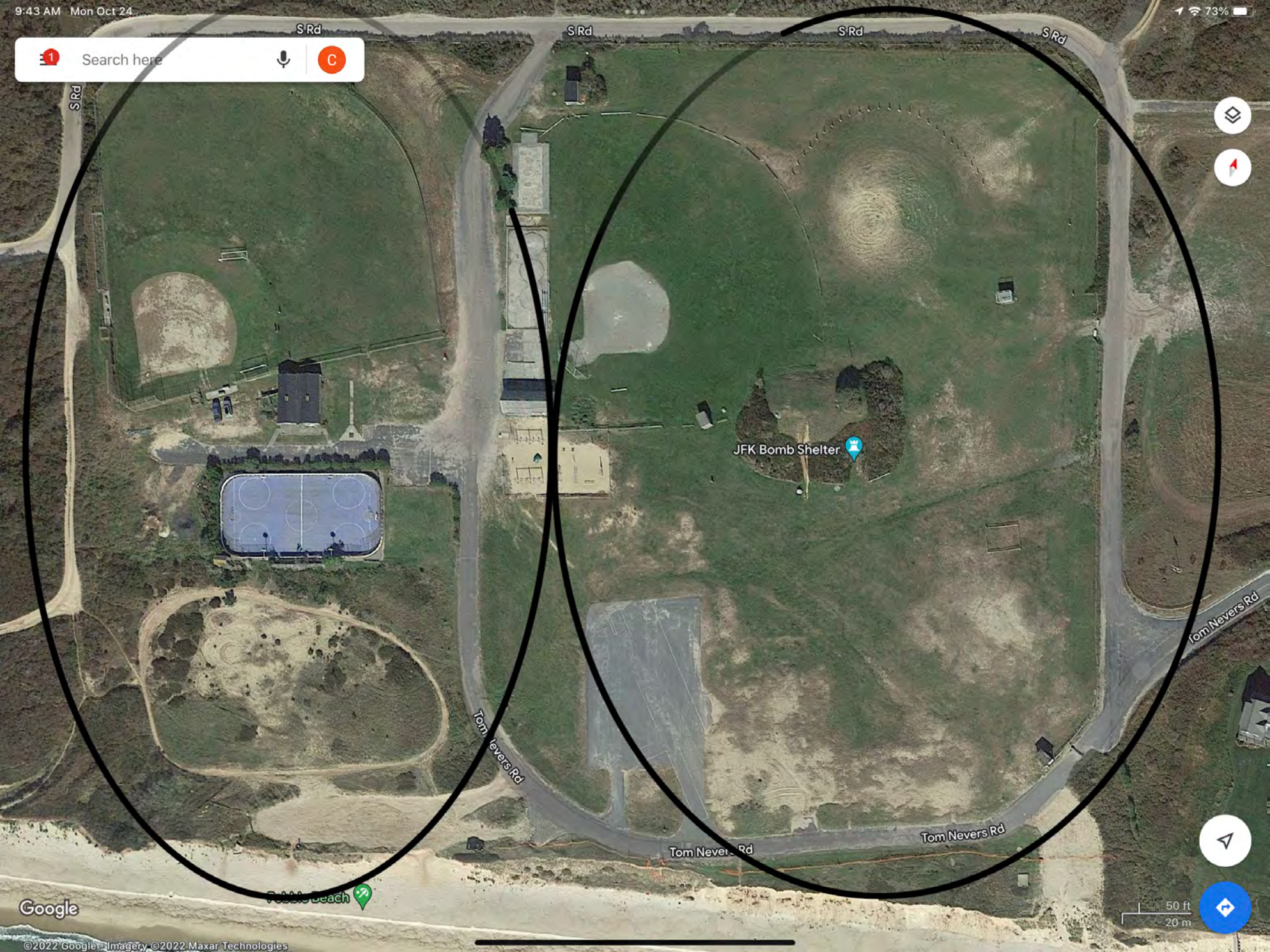
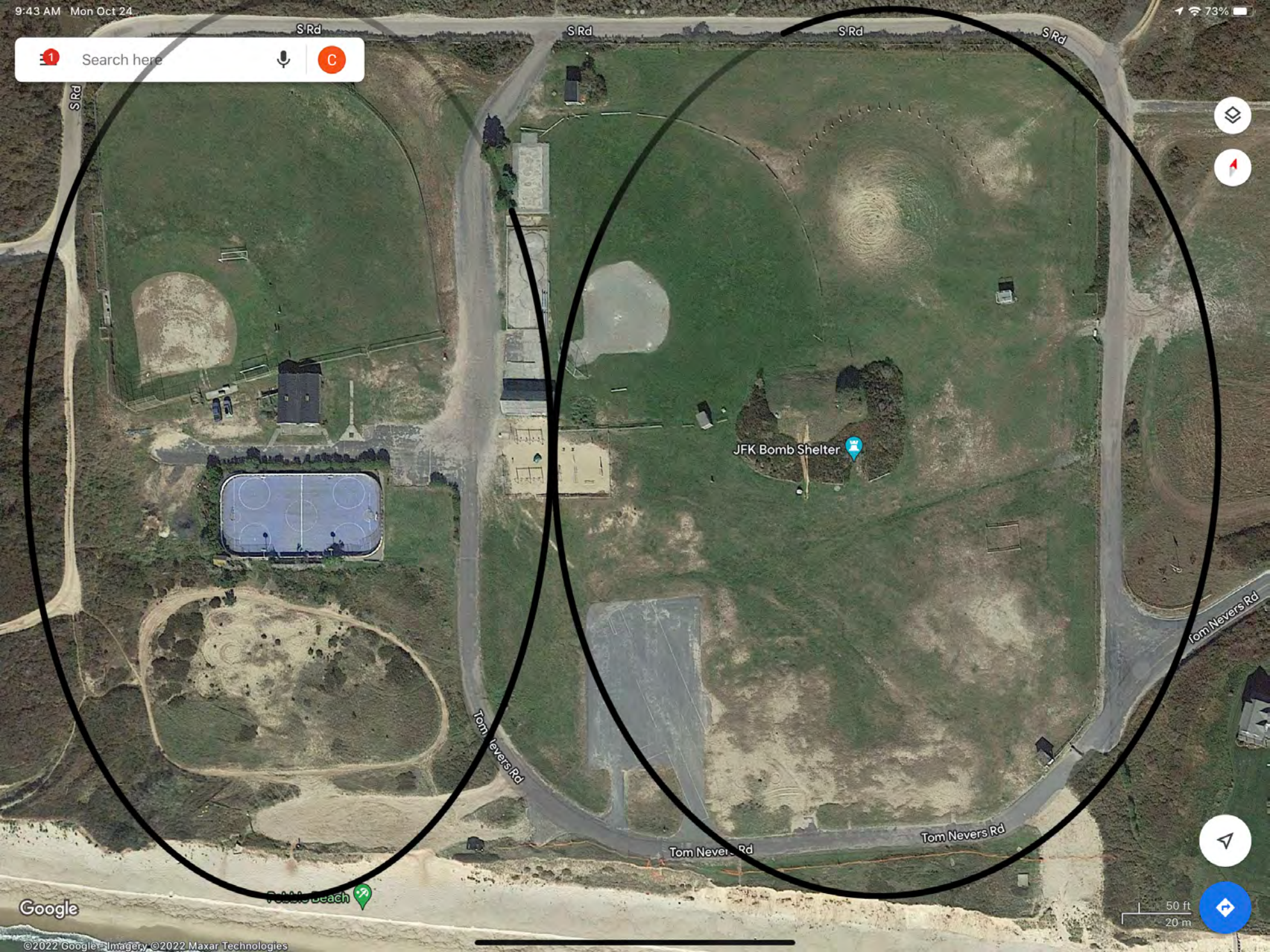
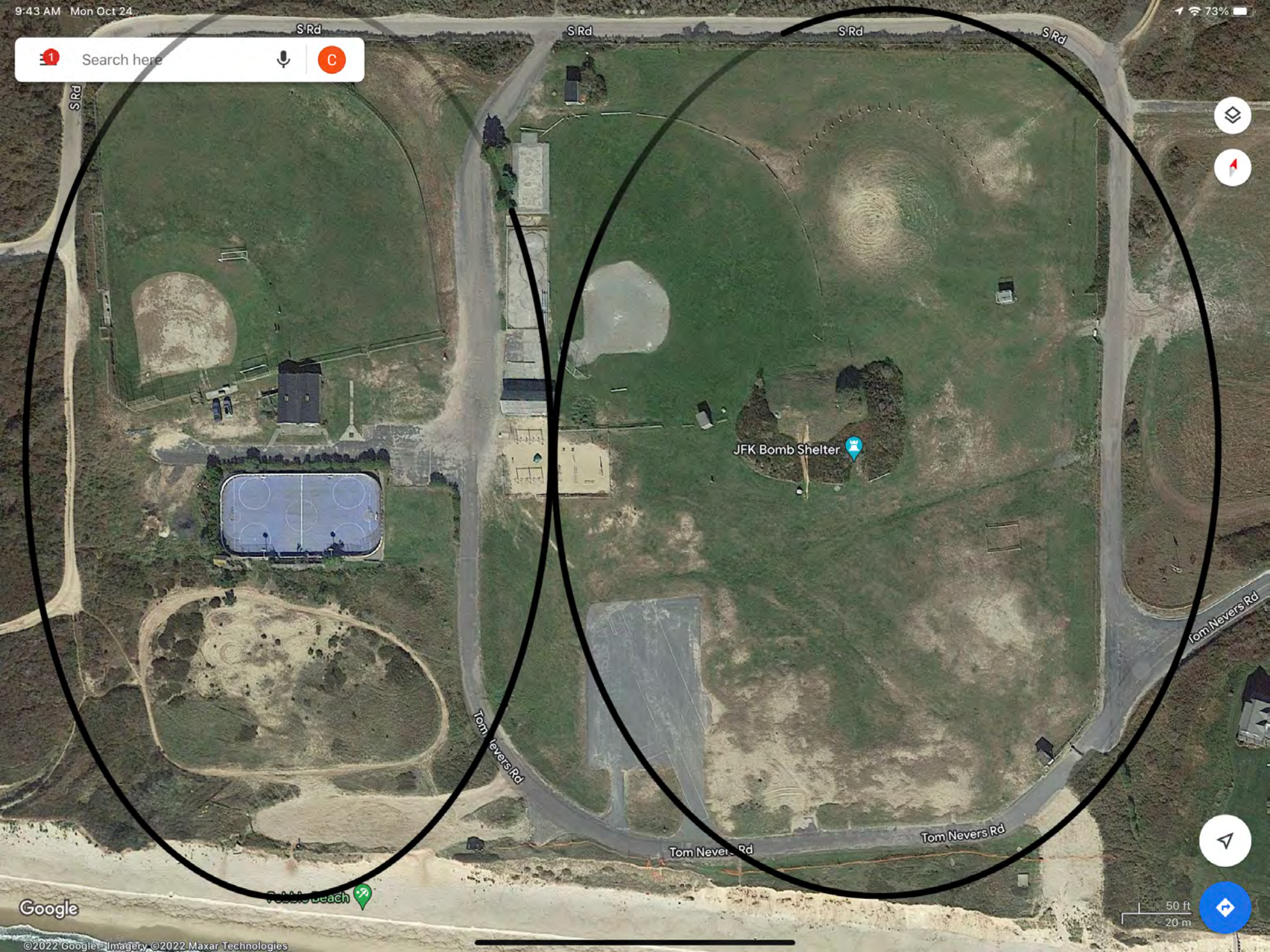
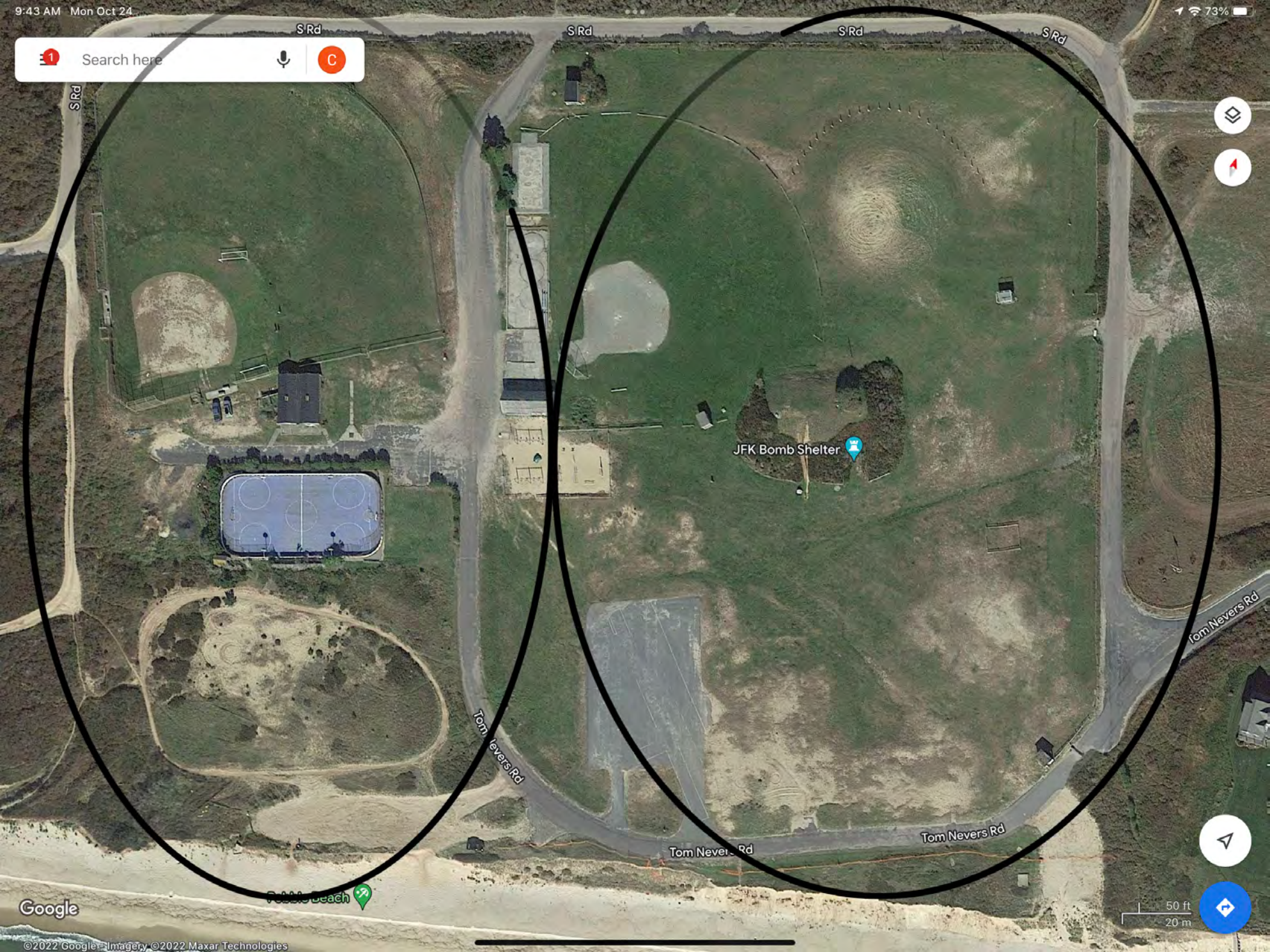
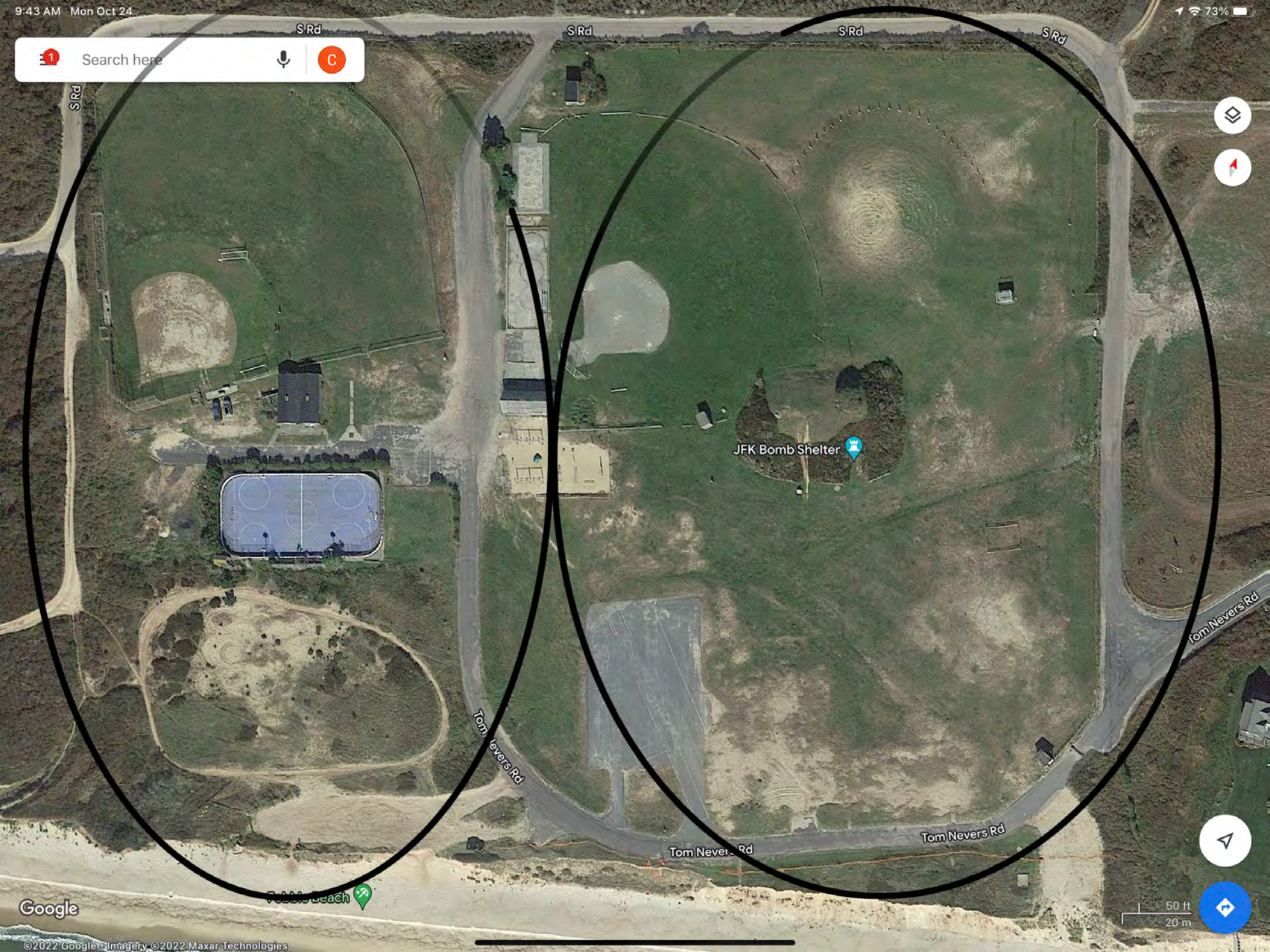
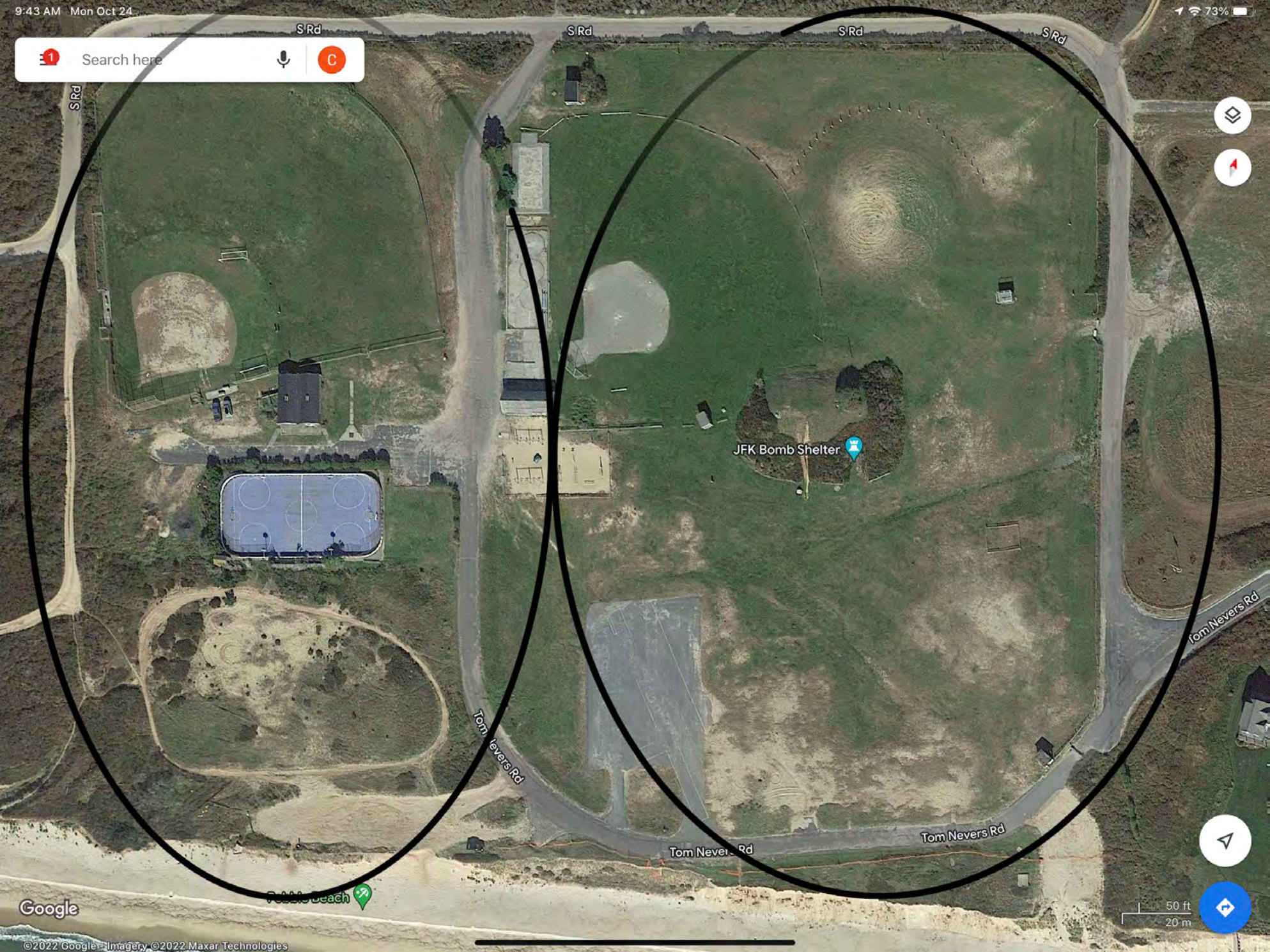
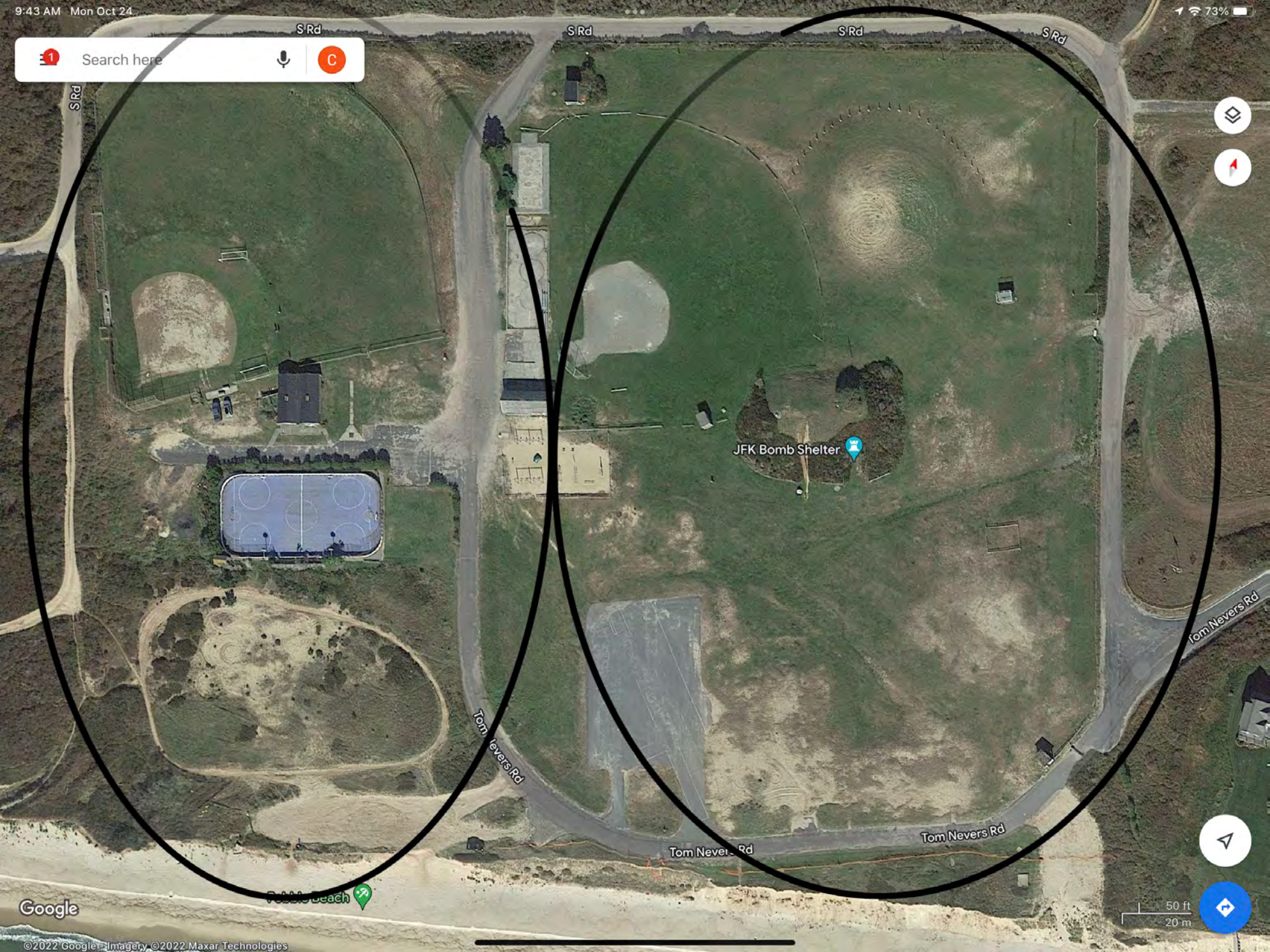
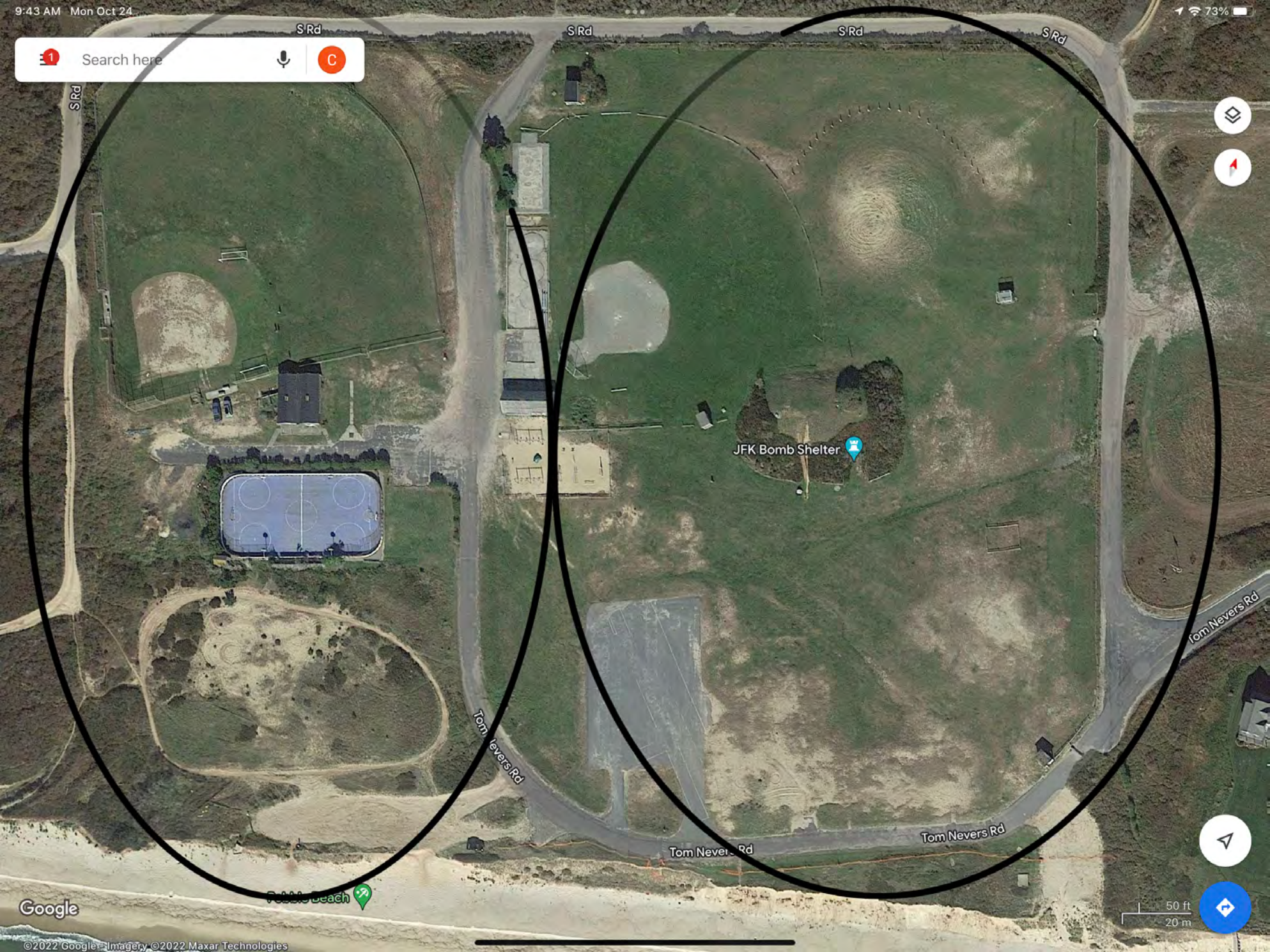
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Flex Multi-Sensor

Multidirectional 4x 4MP camera with 360 degree coverage



Key Features

- Wide area coverage from a single camera
- 4x4MP multidirectional camera heads for 360 coverage
- Each camera head supports up to three streams
- H.264 addresses network and storage cost concerns
- Flexibility to choose between overview and detailed images for each stream
- Independently set up the positioning, angle and rotation of each camera head
- Field swappable lens modules.
- TWDR (Multi-shutter)
- IP66 rated
- Vandal Resistant IK10
- PoE+ / 12VDC

Monitoring multiple directions simultaneously from a single camera

The Illustra Flex multi-sensor camera is ideal for applications that require a flexible, cost-effective surveillance solution that provides wide area coverage along with detailed images.

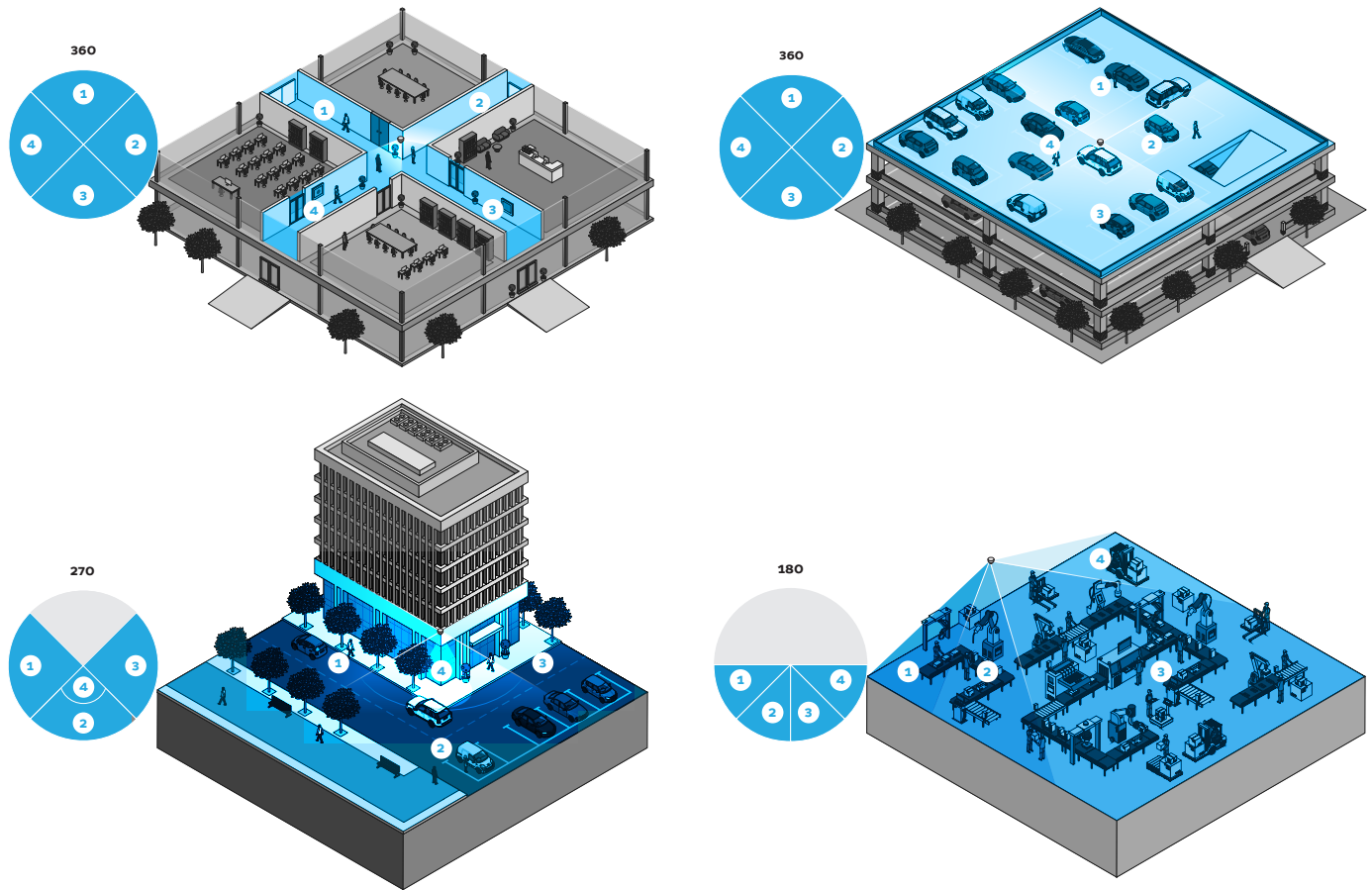
With one IP address and one network cable, the four (4x4MP) multidirectional camera heads provide a flexible, cost-effective solution for multidirectional surveillance. Camera heads can be positioned and angled independently to provide 360 degree coverage in four separate non-stitched streams.

Flexible, independent, easy camera placement and positioning

The Flex multi-sensor's magnetic base enables each sensor to be independently placed, providing operators with a multitude of configuration options. The three axis gimbal on each sensor then allows the Field of View (FoV) configuration to be fine tuned with up to 60 degree tilting and provides a total field of view of 180, 270 or 360 degrees.

Flexible use cases

Illustra Flex multi-sensor cameras have been designed to allow for personalization for multitude of use cases and any field of view (FoV). From an internal 360 degree hall way or parking lot installation to external 270 degree corner installation, and even a 180 degree assembly line installation.



Safeguard against cyber attacks across devices

The Illustra Flex Multi-Sensor has been designed with cybersecurity at the forefront. Our products exceed the standards of the Johnson Controls Cyber Solutions Product Security Program. Our security mindset starts with a holistic approach, including rapid incident response to meet comprehensive and evolving cybersecurity environments.

Powerful technology to increase confidence and savings

The Flex product family cameras feature built-in technology that ensure efficient recording. Multiple streams of H.264 and MJPEG video compression provide excellent image clarity while efficiently managing bandwidth to reduce storage costs.

Integration

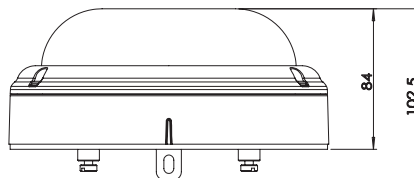
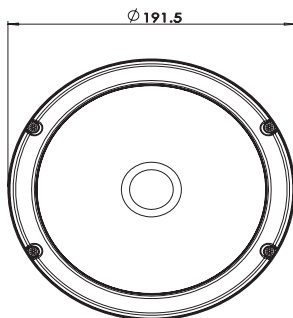
The Illustra Flex Multi-Sensor is compatible with our VideoEdge NVR, VideoEdge Hybrid, victor Unified Client, ExacqVision recorders and Clients.

Specifications

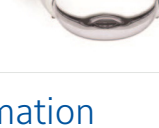
Operational	
Video Compression	H.264, MJPEG
Max Frame Rate	30 fps
Resolution & Aspect Ratio H264: Stream 1 @ 30 fps	2560x1440 16:9 2304x1296 16:9 1920x1080 16:9 (1080p) 1280x720 16:9 (720p)
Resolution & Aspect Ratio H264: Stream 2 @ 30 fps	640x480 4:3 (VGA) 704x576 D1 PAL 704x480 D1 NTSC 352x288 CIF PAL 352x240 CIF NTSC
Resolution & Aspect Ratio MJPEG: Stream 3 @ 10 fps	1280 x 720 16:9 (720p) 800x600 4:3 640x480 4:3 (VGA) 768x432 16:9 704x576 D1 PAL 704x480 D1 NTSC 352x288 CIF PAL 352x240 CIF NTSC
Video Streams	Triple Stream
Imager	4 x 4MP 1/3" CMOS Sensor
Lens Type	Fixed
Aperture	f/2
Focal Length	2.8mm
Field of View (H/V)	90° / 55°
Shutter Speed	Auto / Manual (1/15 ~ 1/32000), Anti-Flicker, Slow Shutter(1/2,1/3,1/5,1/6,1/7.5,1/10)
Minimum Illumination Color B/W	0.41 Lux 0.022 Lux
Wide Dynamic Range	True WDR 120DB
Day/Night	True Day/Night
ONVIF-Compliant	Profile S
Motion Detection Zones	Up to four areas per sensor
Privacy Zones	16 per sensor
Alarm Input/Output	1/1
Analog Video Output	CVBS 1Vp-p, 4:3 aspect ratio (test port only)
Bi-directional audio	1/1
Simultaneous Users	5
Supported Languages	English, Japanese, Korean
SD card event buffering	Yes
SD card event download	Yes
SD card continuous recording	Yes
Network	
Ethernet Interface	1000 Base-T (1Gbps)
Supported Protocols	TCP/IP, UDP, AutoIP, RTP(UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3(MIB-2), ONVIF
Configuration Management	
WEB Server	Yes

Security	HTTPS(SSL), IP filtering, 802.1x, Digest Authentication
Onboard Storage	
Card Support	Micro SD, Micro SDHC, Micro SDXC (128GB Max)
Pre-Alarm Recording	Up to 5 seconds
Recording Format	TS
Recording Trigger	Date, Time, Event (Motion, Alarm, Network Disconnected, Temperature Critical)
Electrical	
Power Input	Power over Ethernet (PoE+) IEEE 802.3at Type 2 Class 4, 12VDC
Maximum Power Draw	PoE 17.5W, 12VDC 16.5W
Physical	
Dimensions (W x H)	Ø7.6 in x 3.3 in (Ø 192 mm x 84 mm)
Weight	4.4 lbs (2.0 kg)
Housing Color	White (Pantone RAL 9003)
Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Humidity	10-90% RH(Non-Condensing)
Outdoor Rating	IP66
Vandal Resistant	IK10
Regulatory	
Emissions	FCC, Class A EN 55032, Class A
Immunity	EN 55130-4
Enclosure	IP66, IK10
Environment	RoHS
NDAA	Yes

Flex Gen 2 Multi-Sensor



Measurements in mm

Accessory Type	Image	Model Number	Description	Dimensions	Color
Wall Mount		IBWS-M-ISWB-0	Illustra Flex Multi-sensor Wall Mount, White	8.90 x 4.49 inches 226 x 114 mm	RAL 9003
Junction Mount		IBJB-M-ISWB-0	Illustra Flex Multi-sensor Junction Box, White	8.86 x 2.36 inches 225 x 60 mm	RAL 9003
In-Ceiling Recess Mount		IBCR-M-ISWT-0	Illustra Flex Multi-sensor Ceiling Recessed Mount, White	12.40 x 4.76 inches 315 x 121 mm	RAL 9003
Ceiling Pendant Mount		IBPN-M-IS12-0	Illustra Flex Multi-sensor Ceiling Pendant Mount, White	7.99 x 10.94 inches 203 x 278 mm	RAL 9003
Replacement Bubble (Clear)		IABL-M-ISC-0	Illustra Flex Multi-sensor Replacement Bubble, Clear with White trim		RAL 9003

Ordering information

Model Number	Description
IFS16-M10-BT03	Illustra Flex 4x 4MP Multisensor, 2.8mm, Indoor/Outdoor, IP66, IK10, TDN, TWDR

Accessories

Model Number	Description
IBWS-M-ISWB-0	Illustra Flex Multisensor Wall Mount, White
IBJB-M-ISWB-0	Illustra Flex Multisensor Junction Box, White
IBCR-M-ISWT-0	Illustra Flex Multisensor Ceiling Recessed Mount, White
IBPN-M-IS12-0	Illustra Flex Multisensor Ceiling Pendant Mount, White
IABL-M-ISC-0	Illustra Flex Multisensor Replacement Bubble, Clear with White trim

About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

For additional information, please visit www.illustracameras.com follow us on Facebook, Twitter, and LinkedIn.

QNV-8010R/8020R/8030R

5 MP Network IR Dome Camera



QNV-8010R



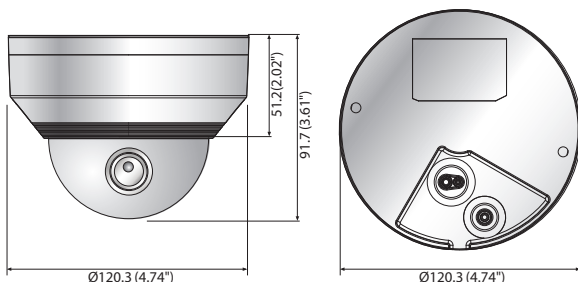
QNV-8020R/8030R

Key Features

- 5 Megapixel (2592 x 1944) resolution
- 2.8mm/4mm/6mm fixed lens
- 0.15Lux (Color), 0Lux (B/W, IR LED on)
- 30fps@5 MP (H.265 / H.264)
- H.265, H.264, MJPEG codec support, Multiple streaming
- Day & Night, WDR (120dB)
- Defocus detection, Directional/Virtual Line detection, Motion detection, Enter/Exit, Tampering
- Micro SD / SDHC / SDXC memory slot (Maximum 128GB)
- Hallway view, WiseStream II support
- IR Viewable length 20m/25m/30m
- IP66, IK10, PoE

Dimensions

Unit : mm (inch)



Accessories (Optional)



	QNV-8010R	QNV-8020R	QNV-8030R
VIDEO			
Imaging Device	1/2.8" 5 MP CMOS		
Effective Pixels	2592(H) x 1944(V)		
Minimum Illumination	Color : 0.15Lux (F2.0, 1/30sec) BW : 0Lux (IR LED on)	Color : 0.15Lux (F1.6, 1/30sec) BW : 0Lux (IR LED on)	Color : 0.15Lux (F2.0, 1/30sec) BW : 0Lux (IR LED on)
Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720 x 480 for installation		
LENS			
Focal Length (Zoom Ratio)	2.8mm fixed focal	4.0mm fixed focal	6.0mm fixed focal
Maximum Aperture Ratio	F2.0	F1.6	F2.0
Angular Field of View	H : 104.7°/V : 76.5°/D : 136.0°	H : 79.8°/V : 58.1°/D : 105.9°	H : 49.4°/V : 37.4°/D : 61.0°
Focus Control	Fixed		
PAN / TILT / ROTATE			
Pan / Tilt / Rotate Range	0°~350° / 0°~67° / 0°~355°		
OPERATIONAL			
IR Viewable Length	20m (65.62ft)	25m (82.02ft)	30m (98.42ft)
Camera Title	Displayed up to 85 characters, 5 lines, English / Numeric / Special & International characters, 6 colors, Transparency, Auto scale by resolution		
Day & Night	Auto (ICR)		
Backlight Compensation	BLC, WDR, SSDR		
Wide Dynamic Range	120dB		
Digital Noise Reduction	SSNR		
Motion Detection	4ea, polygonal zones		
Privacy Masking	6ea, rectangular zones		
Gain Control	Low / Middle / High		
White Balance	ATW / AWC / Manual / Indoor / Outdoor		
LDC	Support		
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (1/5~1/12,000sec)		
Video Rotation	Flip, Mirror, Hallway view (90°/270°)		
Analytics	Defocus detection, Directional/Virtual Line detection, Motion detection, Enter/Exit, Tampering		
Alarm I/O	Input 1ea / Output 1ea		
Alarm Triggers	Analytics, Network disconnect, Alarm input		
Alarm events	File upload via FTP and e-mail, Notification via e-mail, SD/SDHC/SDXC or NAS recording at event triggers, Alarm output, Handover		
NETWORK			
Ethernet	RJ-45 (10/100BASE-T)		
Video Compression	H.265/H.264 : Main/High, MJPEG		
Resolution	2592 x 1944, 1920 x 1080, 1280 x 960, 1280 x 720, 800 x 600, 800 x 448, 720 x 576, 720 x 480, 640 x 480, 640 x 360		
Maximum Framerate	H.265/H.264 : Maximum 30fps / MJPEG : Maximum 15fps		
Smart Codec	WiseStream II		
Video Quality Adjustment	H.264/H.265 : Target bitrate level control MJPEG : Quality level control		
Bitrate Control	H.264/H.265 : CBR or VBR / MJPEG : VBR		
Streaming	Unicast (6 users) / Multicast / Multiple streaming (Up to 3 profiles)		
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP		
Security	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1X authentication (EAP-TLS, EAP-LEAP)		
Edge Storage	Micro SD/SDHC/SDXC 1 slot maximum 128GB		
Application Programming Interface	ONVIF Profile S/G/T SUNAPI (HTTP API) Wisenet open platform		
Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch		

	QNV-8010R	QNV-8020R	QNV-8030R
Web Viewer	Supported OS : Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12, 10.13, 10.14 Recommended Browser: Google Chrome Supported Browser : MS Explorer 11, MS Edge, Mozilla Firefox (Windows 64 bit only), Apple Safari (Mac OS X only)		
Memory	512MB RAM, 256MB Flash		
ENVIRONMENTAL			
Operating Temperature / Humidity	-30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH * Start up should be done at above -20°C		
Storage Temperature / Humidity	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH		
Certification	IP66, IK10		
ELECTRICAL			
Input Voltage	PoE (IEEE802.3af, Class3)		
Power Consumption	PoE : Maximum 7.5W, typical 5.8W	PoE : Maximum 7.2W, typical 5.4W	PoE : Maximum 7.2W, typical 5.4W
MECHANICAL			
Color / Material	White / Aluminum		
RAL Code	RAL9003		
Product dimensions / weight	Ø120.3 x 91.7mm (Ø4.74 x 3.61"), 510g (1.124 lb)		

* The latest product information / specification can be found at hanwhasecurity.com

* Design and specifications are subject to change without notice.

* Wisenet is the proprietary brand of **Hanwha Techwin**.