

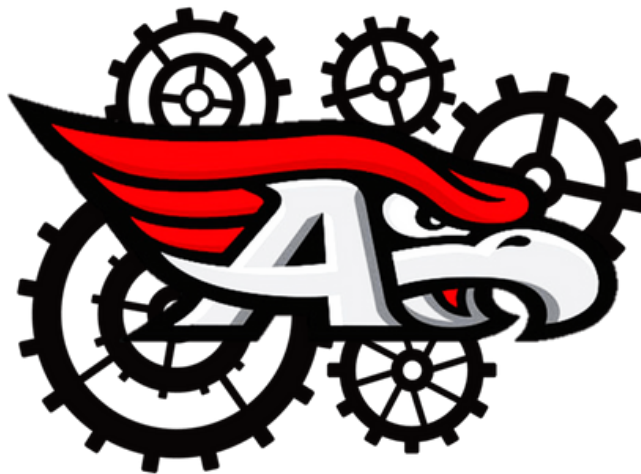


Allentown District Event 2024

TEAM VISITOR GUIDE

March 8 – March 9 – March 10, 2024

**Hosted by FIRST Robotics Competition Team 1807
Redbird Robotics**



WWW.FIRSTINSPIRES.ORG

Welcome To Allentown District Event



Home of Team 1807 Redbird Robotics **Allentown High School, Allentown, NJ**



Allentown is most well-known for its history. Over two hundred buildings in the town have been preserved since its founding in 1706. Some of these buildings have been repurposed and become home to our community and their small businesses, including small antique shops, restaurants, clothing stores, and more. Our town annually holds Fall and Spring festivals which provides our town with a sense of community. Within it, our local small businesses have the opportunity to share their products and promote their brand. Our school marching band parades through the town on just about every holiday, bringing community and spirit.

Another key aspect of our town is our education system. There are three schools within the Upper Freehold Regional District, one of which is Allentown High School.

This school is home to our Redbird Robotics team, FRC 1807. Our team was founded by UFRSD parents in 2006. Our founder wanted to start a First Robotics Team in Allentown High School to create an activity that his son could partake in and enjoy. As a result, he created a community in Allentown High School that was diverse in skills and hobbies but unified in STEAM.

As a team, our mission is to inspire students with a passion for exploring STEAM and other aspects of FIRST by encouraging them to be innovative thinkers, all while following our motto: Simple. Robust. Reliable.

Allentown High School would like to welcome all spectators and participants to our district event. We wish good luck to all of the participating teams and are excited about the competition! Please refer to this Visitor Guide for any questions or concerns that you may have for the days leading up to the event. If you have any other questions, please refer to our team's contact information provided throughout this guide.

To learn more about Team 1807 Redbird Robotics, check out our website using the link below: <https://frc1807.org/>

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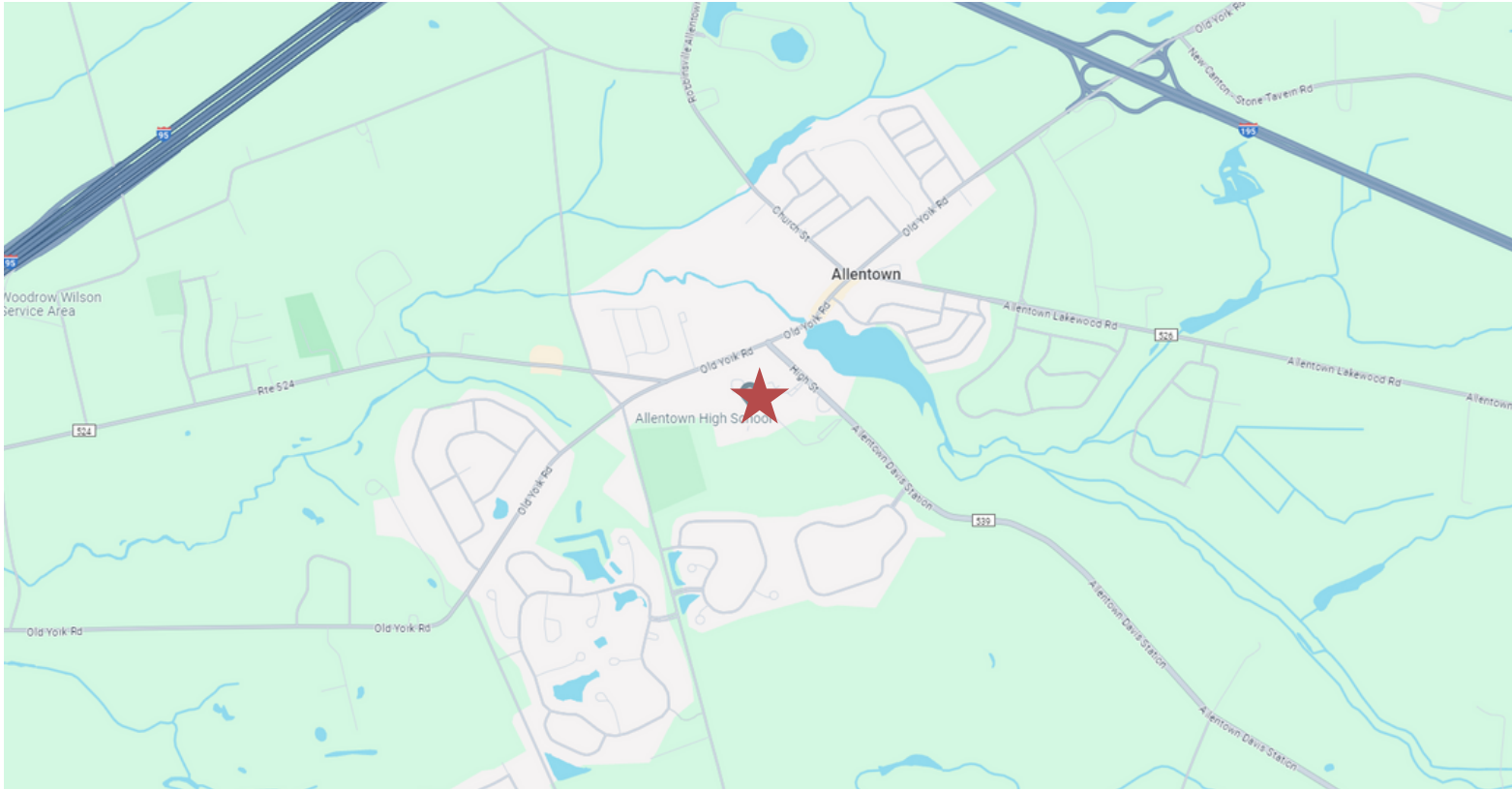
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Address to Allentown High School



Allentown High School is located at:

27 High St, Allentown, NJ 08501.

The map above shows the location of the high school.

Load-In/Parking At Allentown High School

2.1 Robot Unloading Information

Robots can start loading in at 4:00 pm, Friday, March 7. Refer to map below for the load-in area.

2.2 Bus Parking

Buses must park in the Bus Parking Area marked on the map.

2.3 Team Trailer Parking

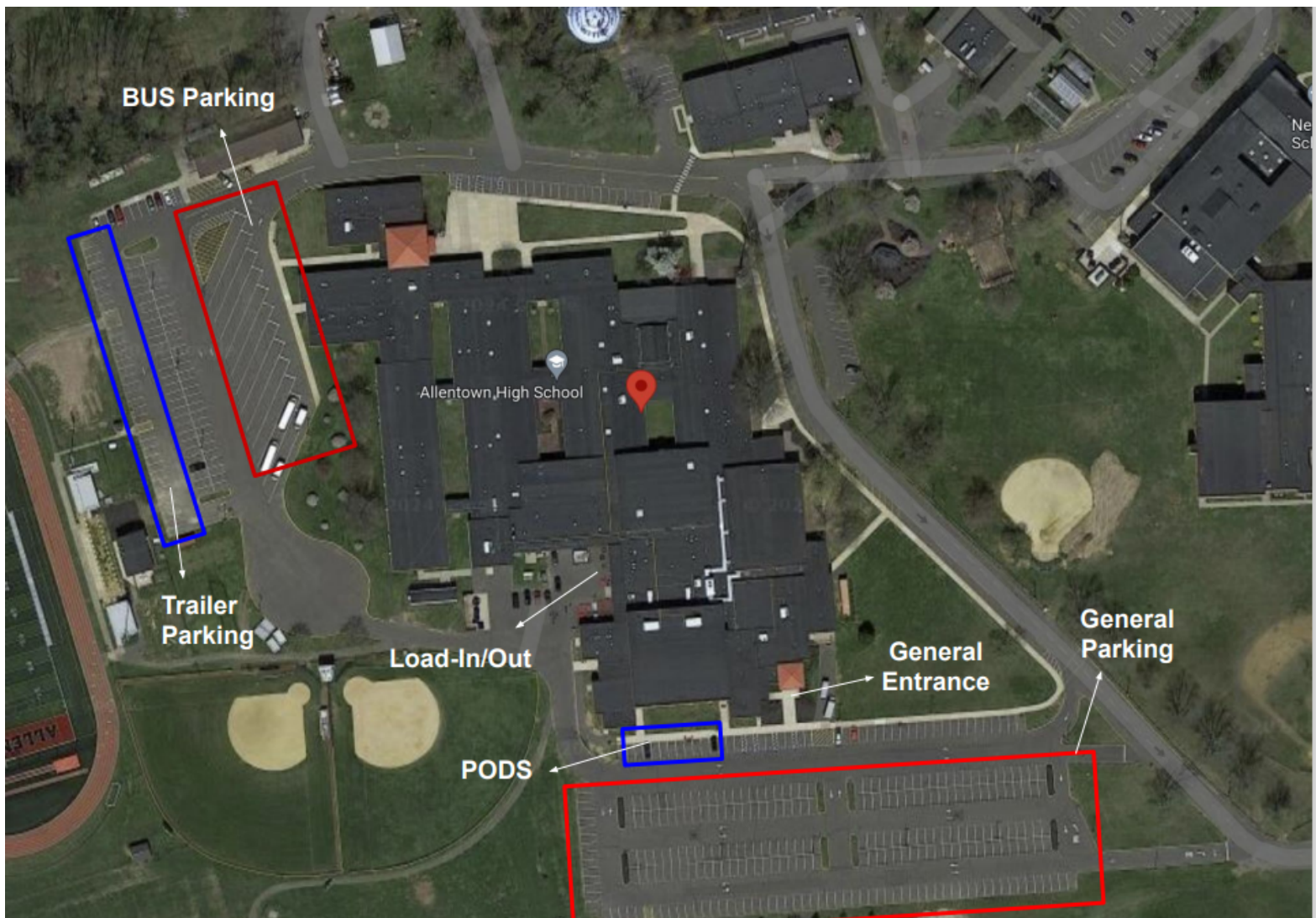
Trailer parking is marked on the map.

2.4 General Public Parking

General Event Parking is marked on the map.

2.5 Student Drop-Off

The student drop-off area is marked on the map.



Event Information

3.1 Consent Forms

FIRST Mid-Atlantic Robotics (FMA) Consent Forms

In order to participate in a FIRST Mid-Atlantic Robotics Competition event in any capacity (team member, mentor, volunteer), you must comply with FIRST and FMA requirements concerning Consent and Release Forms.

There is a one combined consent and release form for adults and minors.

https://www.firstinspires.org/sites/default/files/uploads/resource_library/frc/team-resources/2016-17-mar-consent-release-final.pdf

FIRST® - Student Team Member Registration

FIRST requires all team members to register through the Youth Team Member System (formerly STIMS). If you have completed electronic registration in this system, you do not need to complete a paper form. The paper form is available below and from the FIRST Consent & Release Form page. Use the paper form only if you are unable to complete electronic registration. Submit your form to your Main Team Contact before your earliest 2022 event (kickoff or District Event)

<http://www.firstinspires.org/resource-library/youth-team-member-consent-and-release-form>

Mentor Registration

Adult Team Mentors should register with FIRST® in the Team Information Management System (TIMS) by requesting an invitation from their Main Team Contact and following the instructions in the invitation email. If you have completed electronic registration in this system, you do not need to complete a paper form. The paper form is available below and from the FIRST® Consent & Release Form page. Use the paper form only if you are unable to complete electronic registration. Submit your form to your Main Team Contact before your earliest 2022 event (kickoff or District Event).

3.2 Event Rules

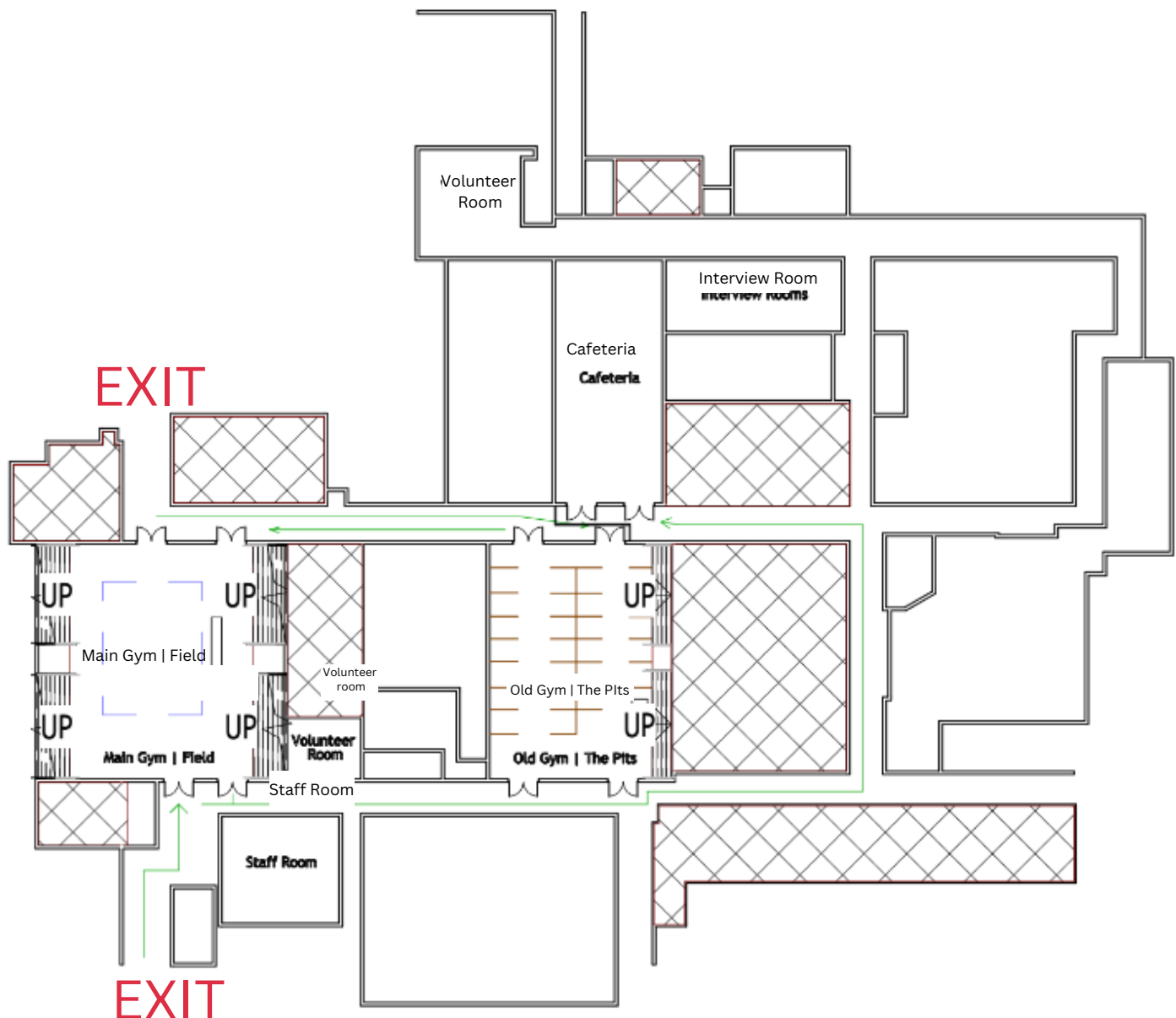
Please read the following restrictions and adhere to them in order to promote an orderly and exciting competition. As a group, we all should promote the spirit of good partnership.

- FIRST, FMA or Team number signs – do not remove, this is considered stealing. Signs are needed for multiple events.
- No food into the gyms.
- The selling of products is prohibited. This includes food, hats, shirts, or any promotional products.
- Do not give out any free food products, such as candy, water, soft drinks, or fruit. You may trade team pins, however. Stickers or Decals are NOT allowed to be distributed as they are often left behind in (and on) the venue.
- The selling of raffle tickets or any games of chance is not allowed
- Teams are not allowed to use extremely noisy devices, including (but not limited to) floor stompers, whistles, or air horns.
- Music/Bands is not allowed; this interrupts with the field communications. Loud music in the Pit is prohibited because it interferes with important announcements
- Seats are not allowed to be saved in the stands.
- Helium tanks and helium balloons are NOT allowed at the School!
- Do not arrange for Internet access on the site or attempt to connect to the Internet.
- Do not use walkie-talkies as they interfere with the wireless radios used by event service providers as well as the regional staff.
- Do not run in the venue.
- Appropriate clothing is required by all team members; no open-toed or open-backed shoes in the Pits or on the playing field.
- Safety Glasses must be worn in Pit Area at all times.
- Please show respect for all event staff; everyone is trying to run a smooth event and keep everyone safe.

3.3 In Case of Emergency

In the event of an emergency at the Allentown High School, make sure to listen to the instructions of the event staff as it may be necessary to evacuate or clear a path for emergency personnel.

We recommend setting up a team meeting place outside of the school beforehand. A card with this location as well as other important team contacts would be a great handout to remind your team!

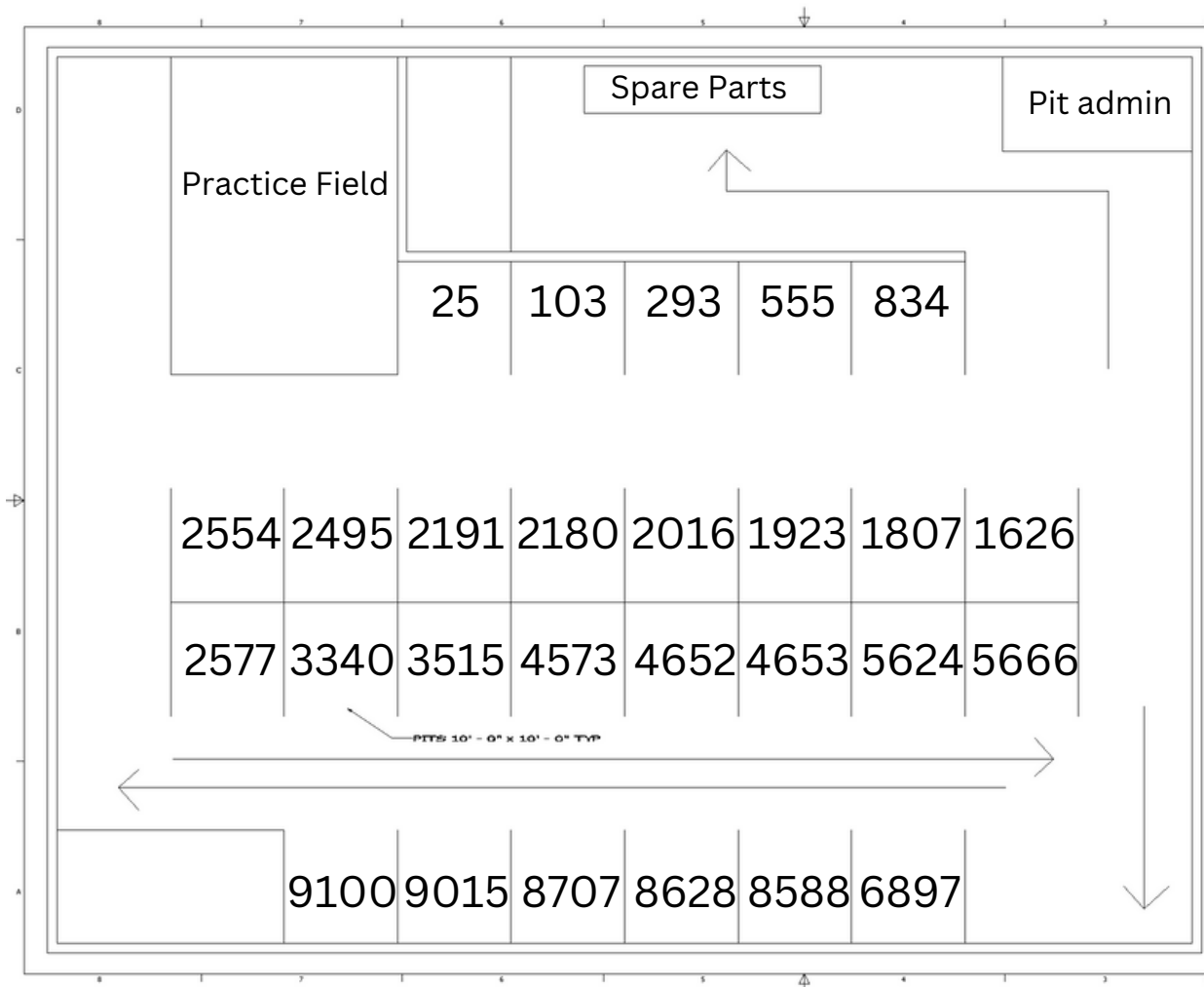


3.4 The Pit Area

- Pit Maps will be given to all team upon arrival on Friday.
- Pit Station - Each team will have a table and power outlet.
- Power to the pit area will be turned off each evening, please plan accordingly.
- Due to safety and insurance regulations, teams cannot build any structure that supports people or items for storage above the work area in their pit space.
- Structures must safely support any signs or displays mounted to them.
- No structures should be higher than 10 feet above the floor and FIRST will require the removal of any pit structure that is deemed unsafe by event management personnel and local committee members.

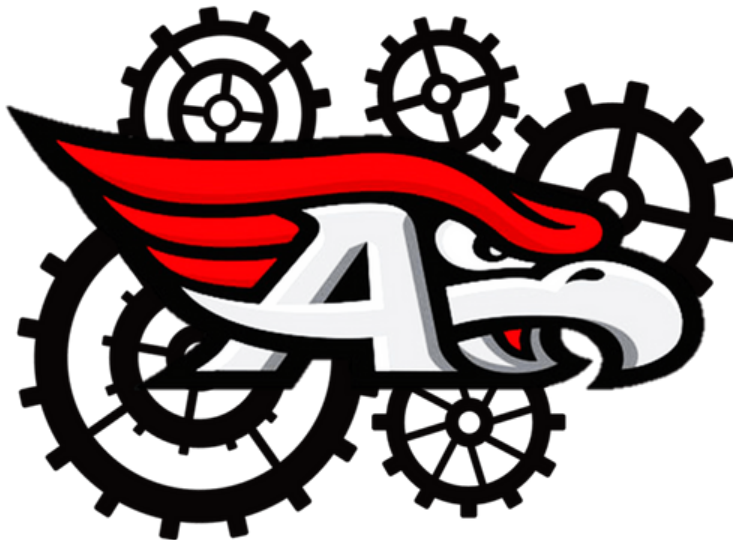
Please remember to bring the following:

- First Aid Kit (EMS is not there to supply basic First Aid Supplies; Team Mentor should assess injury and handle small injuries with their First Aid Kit)
- A cart to transport your heavy robot from the Pit to the playing field.
- Safety glasses for everyone on your team anytime they are the pits.



3.5 Machine Shop Information/Rules

- Team 1807 will be running the machine shop at the Allentown District Event. Below are the general rules and process for machine shop work requests:
- The machine shop cannot provide scrap material. You must supply any material that is needed for repairs.
- All requests must go through the machine shop coordinator table. You may NOT take work requests to the machine shop yourself.
- One team representative can initially accompany their request to the machine shop via an event escort, but must leave after providing any needed explanations.
- You may not observe your job being worked due to safety and liability. If you like, you can wait for the part at the Pit Administration Table.
- All work requests are First Come, First Served, unless a reasonable exception can be made. The machine shop cannot guarantee timing for any ASAP requests. The job should not take more than ½ hour to complete.
- Once your job is complete, a pit announcement will be made. You may also check back with Pit Administration periodically.



3.6 Event Schedule

This schedule is subject to change. All times are estimated based on flow of rounds.
See Pit Administration table for updated times.

Friday, March 8, 2024

4:00 PM - 10:00 PM	Pits Open, Load In
5:00 PM - 9:45 PM	Practice Field Open
5:00 PM - 10:00 PM	Robot Inspections
6:00 PM - 7:00 PM	Field Measurement & Calibration
7:00 PM - 9:00 PM	Field Test Matches for fully inspected robots
9:00 PM - 9:45 PM	Off-Field Robot Connectivity Tests
9:45 PM	Practice Field Closes
10:00 PM	Pits Close

Saturday, March 9, 2024

8:00 AM - 10:30 AM	Pits Open, Load-in, Practice Rounds, Inspections
10:00 AM - 10:25 AM	Driver's Meeting
10:30 AM - 10:50 AM	Opening Ceremonies
10:55 AM - 1:00 PM	Qualification Matches
1:00 PM - 2:00 PM	Lunch
2:00 PM - 6:30 PM	Qualification Matches
6:30 PM	Practice Field Closes
7:00 PM	Pits Close

Sunday, March 10, 2024

8:00 AM	Pits Open
9:00 AM - 9:20 AM	Opening Ceremonies
9:25 AM - 12:30 AM	Qualification Matches
12:30 PM	Practice Field Closes (except for Playoff Alliances)
12:30 to 1:00 PM	Alliance Selections
1:00 to 2:00 PM	Lunch
2:00 PM - 5:00 PM	Playoff Matches & Awards Ceremony
~5:30 PM	Pits close 30 minutes following the close of the Closing Ceremony

3.7 Event Food

The cafeteria will be open for food service during the event and pre-orders will also be accepted. Menus are included at the end of this document.

Food Service Hours

Friday 5:00 PM - Closing

Saturday & Sunday

Breakfast 8:00 - 11:00 AM

Lunch 11:00 AM - 3:00 PM

Snack 3:00 PM - Closing

PLEASE NOTE: The sale of food and beverage at the event is a fundraiser for the host team and we respectfully request that participants and their guests do not bring outside food into the venue. Every effort has been made to keep the prices at a reasonable level and pricing is included with the menus at the end of this document.

3.8 Event Contacts

Please note the following contacts regarding the event. If you are not sure who to reach, then please email Ed Kohler and your question will be answered or forwarded appropriately.

Ed Kohler — Event Coordinator
ekohler69@gmail.com

FRC 1807 —Team Email
1807frc@gmail.com

3.9 Event Webcasting Information

District webcast schedule and information can be found:

Saturday: https://www.youtube.com/watch?v=dRs1vm1e_fY

Sunday: <https://www.youtube.com/watch?v=qNlAdWGupYA>

Snack & Beverages (Available All Day)

Assorted Bags of Chips/Pretzels \$2.00
Assorted Cereal/Granola/Rice Krispy Bars \$1.50
Assorted Packages of Cookies \$1.50
Fresh Baked David's Cookie \$1.00
David's Chocolate Chip Brownie/Crumb Cake \$2.50
Assorted Poptarts \$2.00
Gatorade/Iced Tea/Soda \$3.00
Wawa Hot Coffee/Hot Chocolate – 12oz \$2.00
Bottled Water 16.9oz - \$1.50
Fresh Fruit Cup \$4.00
Dunkin Donuts Assorted Bottled Ice Coffee \$3.50
Mountain Dew Kick Start Energy Drinks – Black Cherry or Pineapple Orange Mango \$3.00

Saturday Lunch Menu

Daily Dish Station - Nacho Bar (Hot Lunch) \$8.50
Made to Order Boar's Head Deli \$7.00
American Grille – Cheeseburgers, Crispy Chicken Sandwich, Spicy Chicken Sandwich \$5.25
Assorted Grab and Go Salads \$5.00
All Beef Sabrett Hot Dog \$5.00
Hot Pretzel \$3.00
French Fries \$2.50
Pizza Crunchers/Mozzarella Sticks \$3.50
Vegetarian Chili \$3.00
Black Bean Burger \$4.00
Chicken Tenders \$3.50
Vegan and Kosher Chicken Tenders \$3.50

Sunday Lunch Menu

Daily Dish Station – Mac n' Cheese Bar (Hot Lunch) \$8.50
Made to Order Boar's Head Deli \$7.00
American Grille – Cheeseburgers, Crispy Chicken Sandwich, Spicy Chicken Sandwich \$5.25
Assorted Grab and Go Salads \$5.00
All Beef Sabrett Hot Dog \$5.00
Hot Pretzel \$3.00
French Fries \$2.50
Pizza Crunchers/Mozzarella Sticks \$3.50
Vegetarian Chili \$3.00
Black Bean Burger \$4.00
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