



Week 3 - Austin District Event  
March 17th- March 19th, 2022  
TXAUS

# District Event Public Overview

This document is designed to provide teams and volunteers with basic District Event information including:

- Event Specific Information
  - General Logistics: Parking/Buses/Food
  - Load in / Load Out
- Walk through of the event
  - Tour of the areas
  - Friday: Inspection Day
  - Saturday: Qualifications
  - Sunday: Playoffs

**This is a living document and may be updated at any time to reflect the most accurate information available.**

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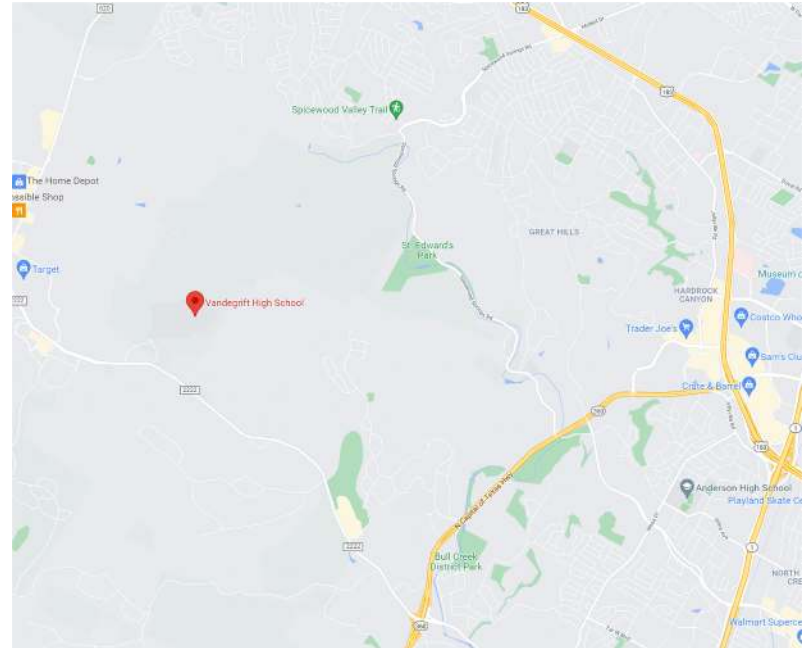
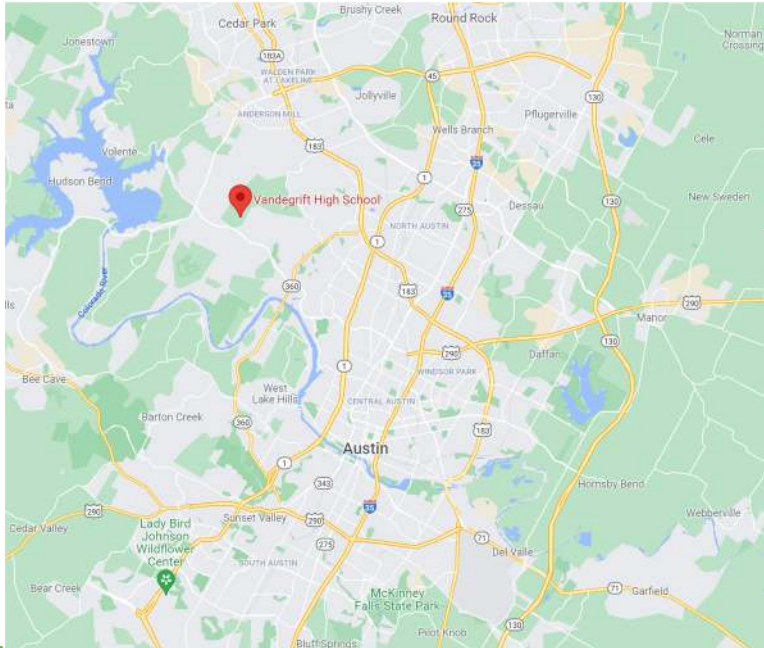
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# Vandergrift High School

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# Event Schedule

Schedule is subject to change depending on actual match play speed. Teams should be prepared to adjust accordingly.

Event Webcast link:

<http://twitch.tv/firstintexasevents>

## AUSTIN DISTRICT EVENT

### Competition Schedule

| Thursday, March 17, 2022 |  |
|--------------------------|--|
| 5:00PM-10:00PM           | Team Load In, Pits Open, Inspection, Registration Open             |
| 9:00PM-10:00PM           | Robot Connection Tests, Field Open for Calibration and Measurement |
| 10:00PM**                | Pits Close   |

| Friday, March 18, 2022 |  |
|------------------------|--|
| 8:00AM                 | Pits Open, Team Load-In                |
| 8:00AM-8:30AM          | Field Open for Calibration/Measurement |
| 8:30AM                 | Driver's Meeting on the Field          |
| 9:00AM -10:15 AM       | Practice Rounds                        |
| 10:30AM-11:00AM        | Opening Ceremonies                     |
| 11:00AM-12:00PM        | Qualification Matches                  |
| 12:00PM-1:00 PM        | Lunch                                  |
| 1:00PM-7:30PM          | Qualification Matches                  |
| 5:30PM-5:50PM          | Break for Volunteers/Teams             |
| 8:00PM**               | Pit Closes 30 Minutes after Last Match |

| Saturday, March 19, 2022 |   |
|--------------------------|---|
| 8:00AM                   | Pits Open                                       |
| 9:00AM-9:30AM            | Opening Ceremonies                              |
| 9:30AM-11:30AM           | Qualification Matches                           |
| 11:30AM-12:00PM          | Alliance Selections                             |
| 12:00PM-1:00PM           | Lunch   |
| 1:00PM-4:00PM            | Playoff & Final Matches                         |
| 4:00PM-4:45PM            | Awards Ceremony                                 |
| 5:30PM**                 | Pits Close 30 minutes following Awards Ceremony |

### Activities Schedule

| Thursday, March 17, 2022 |  |
|--------------------------|--|
|                          |  |
|                          |  |
|                          |  |

| Friday, March 18 2022 |                        |
|-----------------------|------------------------|
|                       |                        |
|                       |                        |
|                       |                        |
| 9:00AM-6:00PM         | Concessions Open       |
| 9:30AM                | Safety Captain Meeting |
|                       |                        |
|                       |                        |

| Saturday, March 19, 2022 |                  |
|--------------------------|------------------|
| 9:00AM-4:00PM            | Concessions Open |
|                          |                  |
|                          |                  |
|                          |                  |
|                          |                  |

\*\*Schedule subject to change. All times are estimated based on flow of rounds.

See Pit Administration table for updated times.

\*\* Chairman Interview slots are assigned by the Judge Advisor

# 2022 Austin District Event (TXDRI)



## Competition Schedule

## Activity Schedule

**Thursday  
3/17/2022**

|                  |   |
|------------------|---|
| 5:00PM-10:00PM   | Team Load In, Pits Open, Inspection, Registration Open                                  |
| 9:00PM-10:00PM** | Robot Connection Tests, Field Open for Calibration and Measurement. Pits Closes at 10PM |

|  |  |
|--|--|
|  |  |
|--|--|

**Friday  
3/18/2022**

|                 |  |
|-----------------|--|
| 8:00AM          | Pits Open                                  |
| 8:00AM-8:30AM   | Field Open for Calibration and Measurement |
| 8:30AM          | Driver's Meeting on the Field              |
| 9:00AM-10:15AM  | Practice Rounds                            |
| 10:30AM-11:00AM | Opening Ceremonies                         |
| 11:00AM-12:00PM | Qualification Matches                      |
| 12:00PM-1:00PM  | Lunch                                      |
| 1:00PM-7:30PM   | Qualification Matches                      |
| 5:30PM-5:50PM   | Break for Volunteers/Teams                 |
| 8:00PM**        | Pits Close 30 Minutes after the Last Match |

|               |                        |
|---------------|------------------------|
| 9:00AM-6:00PM | Concessions Open       |
| 9:30AM        | Safety Captain Meeting |
|               |                        |

**Saturday  
3/19/2022**

|                 |  |
|-----------------|--|
| 8:00AM          | Pits Open                                    |
| 9:00AM-9:30AM   | Opening Ceremonies                           |
| 9:30AM-11:30PM  | Qualification Matches                        |
| 11:30PM-12:00PM | Alliance Selections                          |
| 12:00PM-1:00PM  | Lunch  |
| 1:00PM-4:00PM   | Playoff Matches                              |
| 4:00 PM-4:45PM  | Awards Ceremony                              |
| 5:30PM**        | Pits Close 30 mins following Awards Ceremony |

|               |                  |
|---------------|------------------|
| 9:00AM-4:00PM | Concessions Open |
|               |                  |

# Event Parking

VHS is relatively safe. If you are leaving trailers on-site please do not block multiple parking spots.

## Friday:

- Parking opens at 5pm. School traffic may be chaotic during that time; please plan accordingly.
- It's recommend to only bring team members needed for load-in, pit set-up and robot inspection
- [Want to unload at 5pm and avoid traffic?](#)

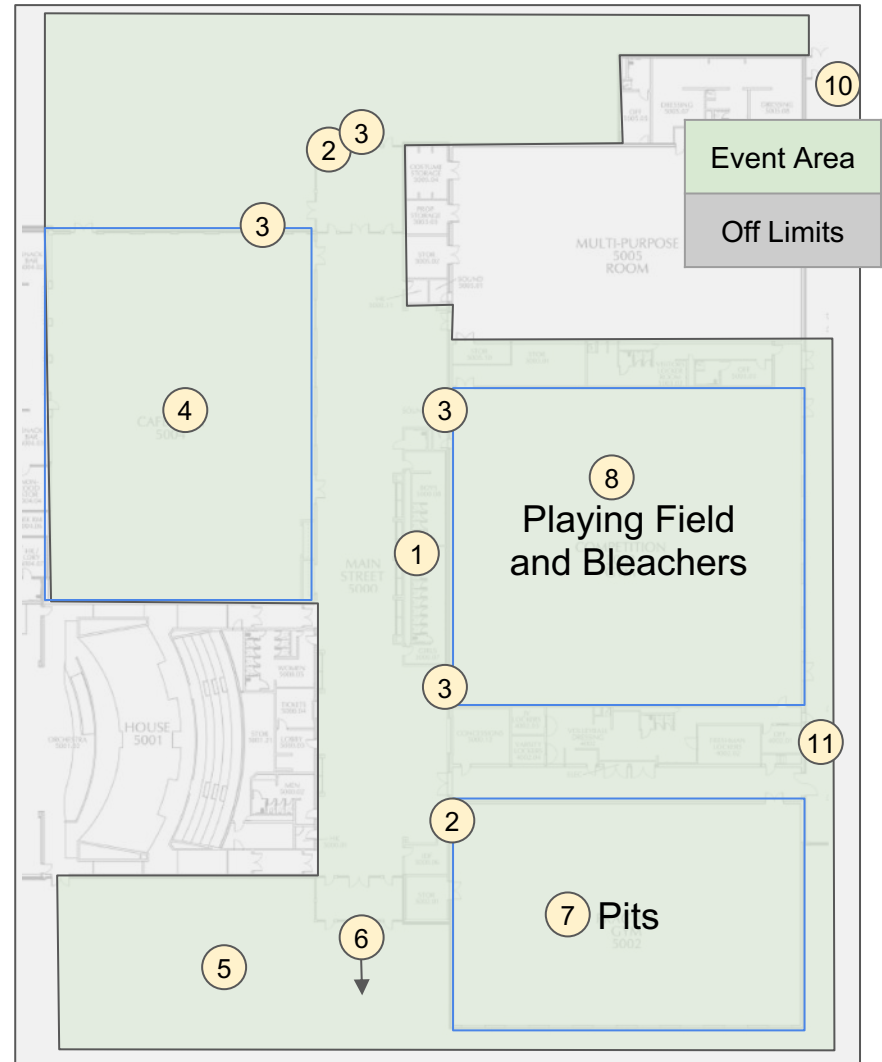
## Saturday and Sunday

- Teams are strongly encouraged to arrive on-time both days and parking may become limited in the morning
- Please only park in designated Robotics Parking areas or along the street (read and obey street parking signs)



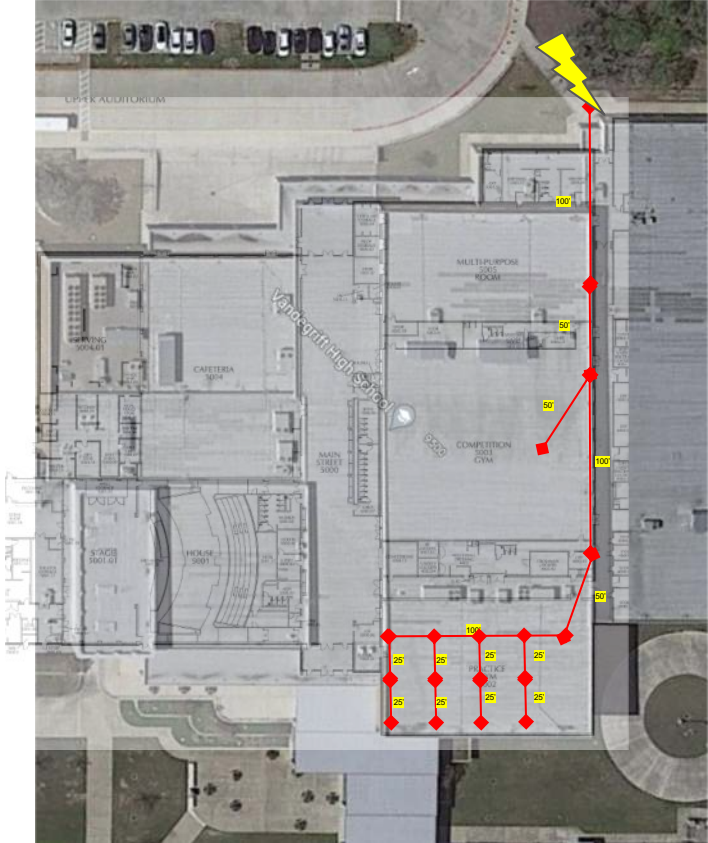
# Event Layout

1. Restroom
2. Equipment/Robot Load in
3. Team/Spectator Entrance
4. Cafeteria
5. Outdoor Eating Area
6. Judging Area
7. Pits
8. Playing Field
9. Machine Shop - Not Available
10. Volunteer Lounge
11. Robot Path to Field →

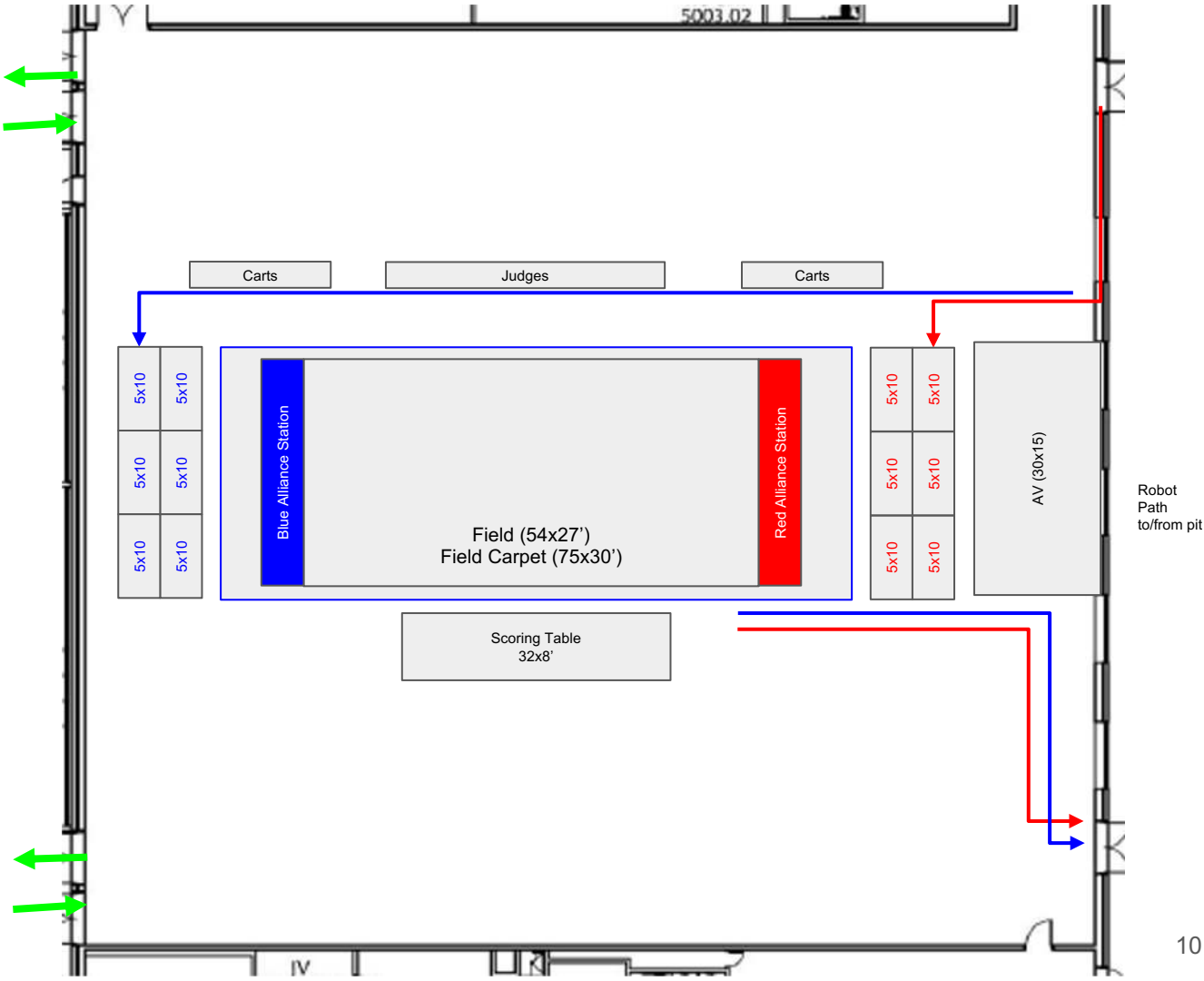




# Power Layout



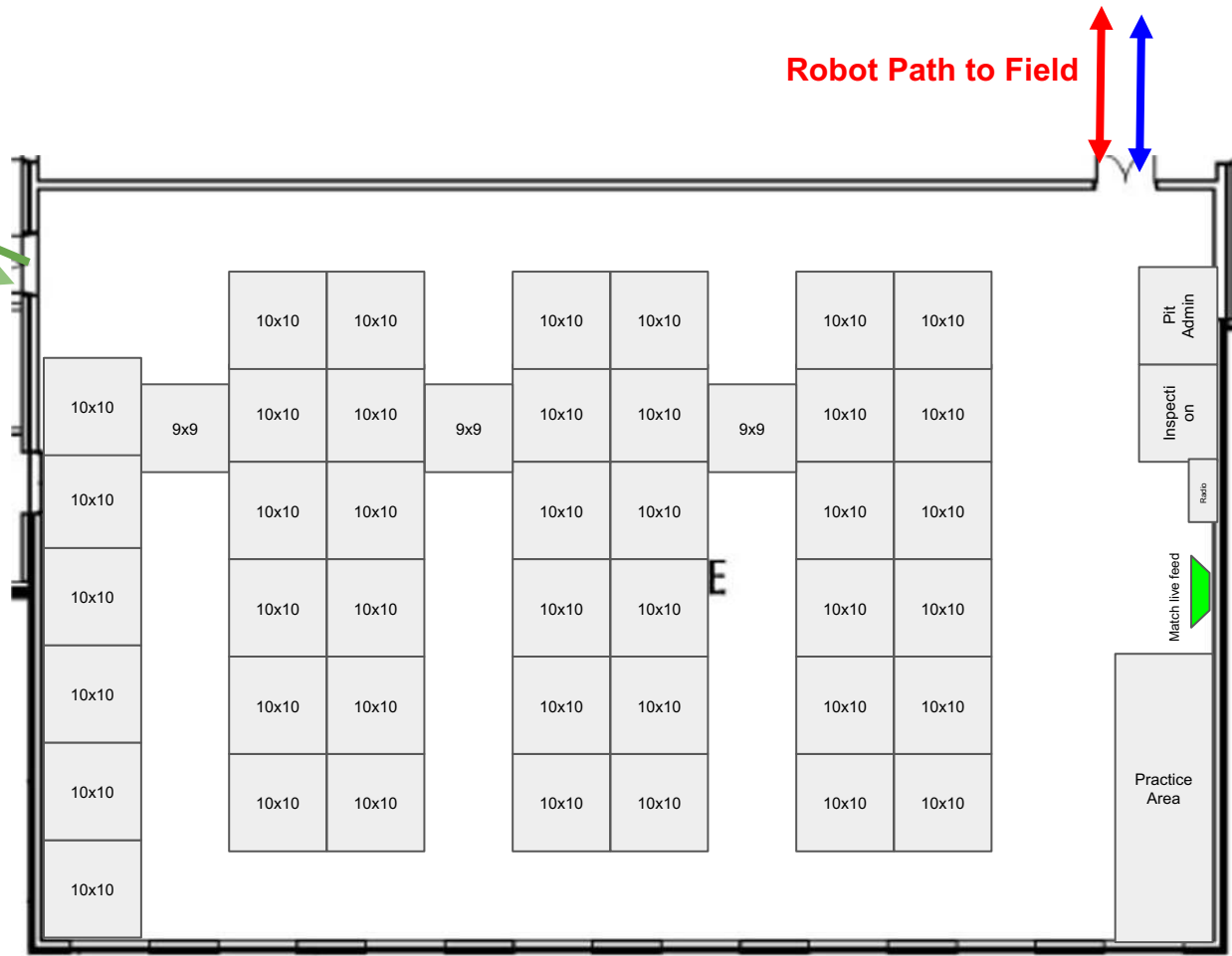
# Field Layout



# Pit Layout Map

- Pits are 10'x10'
- Only water are permitted in the the Pit Area --please no open top beverages in the pit.

Spectators  
to/from  
Stands



# General Pit Information

- Pit power is limited.
  - Power generator may be shut down overnight so consider charging your batteries overnight at home/hotel.
  - No compressors or other large motors allowed.
  - Teams should bring a high quality grounded 25' extension cable to connect their pit to power. There will be one drop with 6 outlets to share between 5-6 pits.
- Team are not permitted to plug anything directly into gym outlets
  - Gyms have very limited power and the game equipment uses all available power.
  - We will remove and confiscate any equipment from gym/school outlets until after awards ceremony on Sunday. You have been warned!
- Pit Sizes
  - Our best effort is made to provide 10'x10' pit spaces, but due to venue limitations actual pits size may be as small as 9'x9' so please plan accordingly.
  - Consider traveling light! Less stuff means less setup time and you'll have more room in your pits.
  - Match cycle time is much faster, so you won't have as much time to work on your robot between matches.

# Concessions

There will be a concession stand open during the event with proceeds benefiting the Vandergrift HS Robotics Team - FRC6800 Valor

- Teams are **not allowed to** eat in the stands. Please eat in the cafeteria or designated areas
- Please be courteous and clean-up after yourselves
- Alert custodial staff immediately regarding any spills
- Only water are permitted in the Stands and the Pit Area--please no open top beverages in these areas

# Practice Elements and Machine Shop

## Practice Elements

- A limited selection of practice elements will be available.
- Teams are required to have passed size, weight, and bumper inspections before gaining access to the practice elements.
- Safety glasses are required while in the practice area.
- The number of teams in the practice area will be limited to ensure a more safe environment. Please use your gracious professionalism and limit your teams to 10 or 15 mins on the practice area at a time so other teams can use the resources.

**Machine Shop - Not available at this event**

# Volunteers

- A big thank you to everyone who signed up to volunteer! You should have already received an email confirming your assignment to a role.
- If you volunteered at a previous event, and want to help at this event please apply in the FIRST system.

List of FIRST Volunteer Roles and Requirements:

- <https://www.firstinspires.org/resource-library/frc/volunteer-event-roles-and-training-resources>
- If you are not assigned an official volunteer role at this event please **do not wear your volunteer shirt or badge from a previous event**
- All volunteers must check-in with the volunteer coordinator before reporting to their post

# General Friday Information

## Who to Bring

- Your robot, drivers, core robot builders/pit crew and mentors
- You might consider having only a partial team on Thursday
- Thursday is NOT a good spectator day, it's just pit activities

## Team Registration

- An adult mentor can visit pit admin starting at 6 PM.
- Bring printed Team Roster from TIMS with handwritten additions with printed consent forms as needed

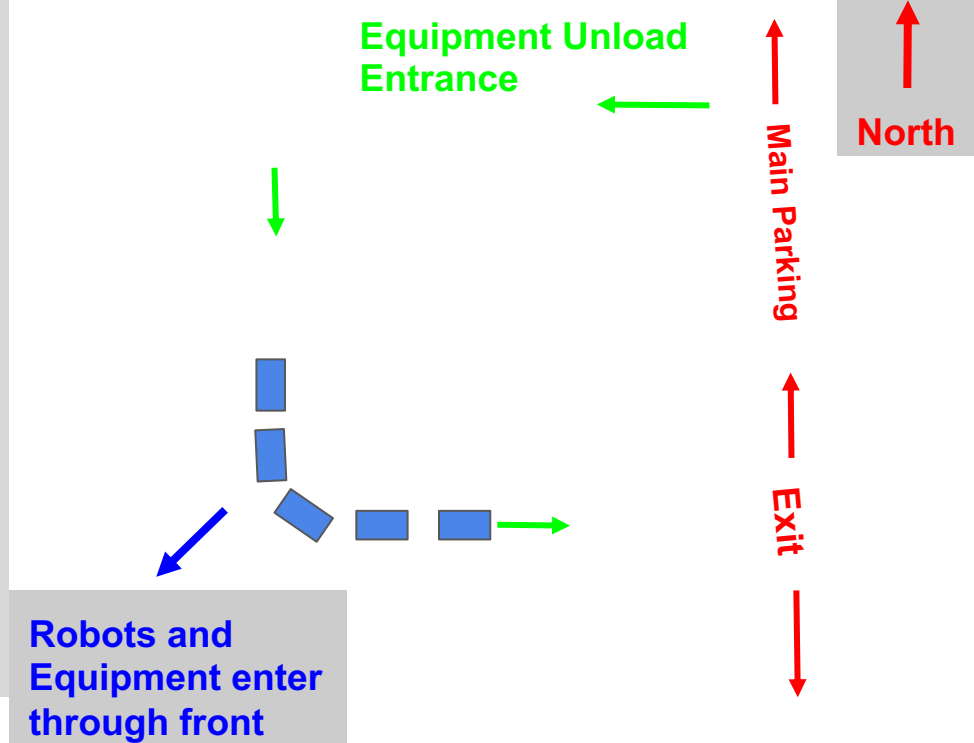
## Respect the volunteers' time and be mindful of the schedule

- Please be respectful of the event volunteers time by cleaning-up and leaving the building before the pits are closed at 10pm.



# Load-In Directions

- Please **do not** arrive before 5:00 pm Friday - Leave time for school traffic to dissipate
- Teams will have access to pits and practice elements (if present) only. Event setup will be ongoing in other areas.
- **Want to unload Friday right at 5pm?** Arrive in Dripping around 3:45 pm and stage yourself at Walnut Springs Elementary School. Let your team run around outside and play frisbee. At 4:45pm, leave Walnut Elementary, take a right on Sportsplex Drive, and you will be exactly where you need to be -- missing all of the traffic.



# Load-In and Inspection

Thursday 5pm – 10pm

- Safety glasses are mandatory. You will not be allowed into the pits without them.
- Follow instructions from on site staff.
- You may NOT park in the loading area. The driver MUST stay with the vehicle. Drop it and park in designated area. Staff your unload team appropriately to make this happen.
- Bring a cart! You will need a cart with at least 3” diameter wheels. See: [Wheel requirements](#)
- Pit setup is allowed.
- **Your priority on Friday should be passing inspection!**

# Wheel Requirements for Anything Rolling

- Carts will need to traverse cable protectors for load-in and travel to and from the field. Expect cable protectors to be at least 2” tall.
- Your FRC robot cart **MUST** have >3” diameter wheels
  - Wheels must be in good working order. No damaged or stuck wheels. Soft rubber. No hard plastic or steel tread wheels.
  - Maximum weight for your carts, tool boxes, etc will be 50 lbs per inch of wheel size (1 cart, 4 x 3” wheels, 600lbs max)
- Under no circumstances will we allow wheels less than 3” in diameter on **ANY** equipment / boxes / carts
  - Very high likelihood of damage to floors
  - You won’t clear our cable management equipment
- All wheels must be non marking rubber or synthetic wheels
  - No steel wheels. No sharp wheels.

# Thursday Inspection Process

- It is rare for a robot to pass inspection on the first attempt. It is an iterative process.
- *Please* start inspection early, even if you know you are not completely ready. Your robot might have an issue you aren't aware of which takes time to fix.
- Inspectors are your friends! Inspectors are here to help get you on the field safely and fairly and help you pass inspection.
- **Do not wait** to start the inspection process. Time is very limited.
- Inspection involves the following:
  - To start inspection go to the inspection station with your robot
    - Robot size and weight will be done at the inspection station
    - Bumpers and Battery Removed, Bring both **red** and **blue** bumpers
  - Radio programming at the Radio Kiosk Station
  - An inspector will come to your pit to complete the inspection with your robot
- If the field announces they are ready, queue-up to go to the field for a connection test

# Practice Rounds and Field Connection

Practice matches will run from 9:00 AM to 10:15 AM

If your team is not ready to practice yet, use this time to go to the field to complete a connection test if you have not already done so.

Teams can practice in additional matches by using the filler line. To use the filler line:

- You team must be fully inspected
- Check-in with the lead queuer
- Teams can only be in one queueing slot at a time

# Qualification Matches

- Friday:
  - Opening ceremony is at 10:30 AM on Friday
  - Qualifications matches start directly after at approximately 11:00 AM.
  - The first three matches will be queued before the start of opening ceremony
  - Matches will continue until 7:30 PM on Saturday
- Saturday
  - Opening ceremony is at 9:00 AM on Saturday
  - Matches will Start at approximately 9:30 AM
  - The first three matches of the day will be queued before the start of opening ceremony
  - Qualification Matches continue from 9:30 AM - 11:30 PM on Sunday
- Be prepared for much quicker turnaround time with these smaller events.

# Awards and Judging

- All awards will be given during the award ceremony scheduled from 4:00 PM - 4:45 PM on Saturday.
  - Saturday and Sunday will be very busy days for everyone, and some teams may have back to back matches scheduled. It is highly recommended that you always leave someone in your pit during matches to make sure you don't miss a judge interview.
- No award ceremony on Friday
- **No Chairman's sign ups:**
  - Teams who have successfully submitted for the Chairman's Award will be randomly assigned to an interview slot. Interview schedule will be available at Pit Admin
- Dean's List Students - Virtual Interviews

# Load-out Directions

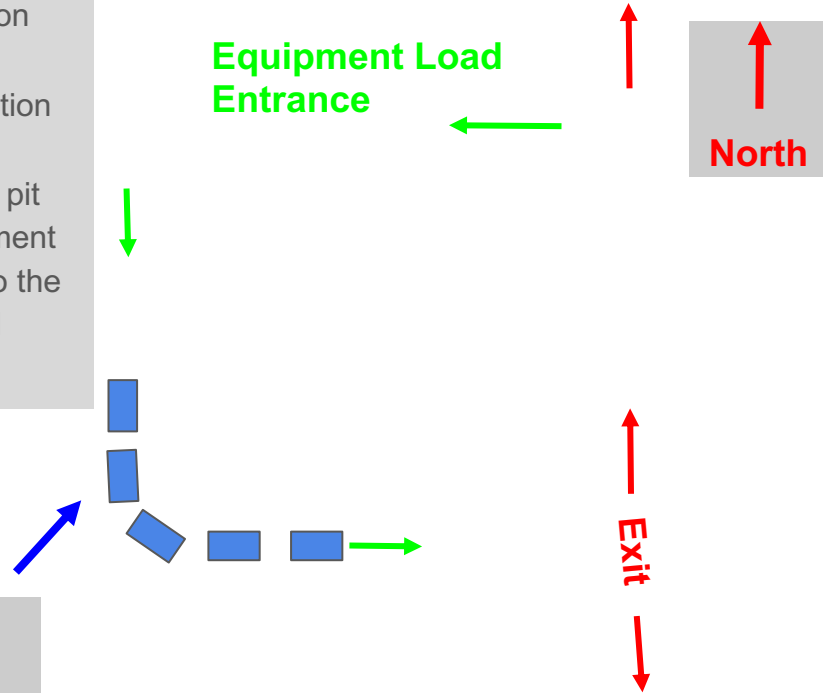
- No parking in load out area. Do not block traffic on Fair Oaks Avenue.
- Load out will begin as soon as the alliance selection is complete.
- Teams are strongly encouraged to pack up their pit as soon as their team is no longer in the tournament
- Loaded trailers/busses are welcome to repark so the teams can attend the rest of the tournament and awards ceremony

**Robots and  
Equipment exit  
through front**

**Equipment Load  
Entrance**

**North**

**Exit**





# COVID Protocol

Please see all latest updates at

<https://firstintexas.org/covid-19-notice/>

Good Luck and Have Fun!

