



# Rocketship DC3

## Transportation Presentation



# Proposed School Profile

- 700 Students Grades Preschool to Grade 8
  - 120 AppleTree Students (Pre-K 3 and Pre-K 4)
  - 440 Rocketship Students (Kindergarten to Grade 5)
  - 160 Middle School Students (Grade 5 to 8)
- 74 Faculty and Staff
- 17 On-site Parking Spaces
- 26 Bicycle Parking Spaces
- School Schedule
  - AppleTree: 7:45 AM to 3:45 PM
  - Rocketship: 7:45 AM to 3:45 PM (Kindergarten)  
to 3:55 PM (Grades 1 to 2)  
to 4:05 PM (Grades 3 to 5)
  - Middle School: 8:15 AM to 4:15 PM



# Project Area Transportation Characteristics

- Proximity to transit and alternative travel modes:
  - Four (4) minute walk to Fort Totten Metrorail Station (0.2 miles)
  - Service to Red, Green, and Yellow Lines
  - 12 Nearby Bus Lines servicing Fort Totten station
  - 2 nearby Capital Bikeshare stations
  - Site is near Metropolitan Branch Trail
- Given the convenience to the Fort Totten Station, it is expected that most staff and students will use transit to commute to school

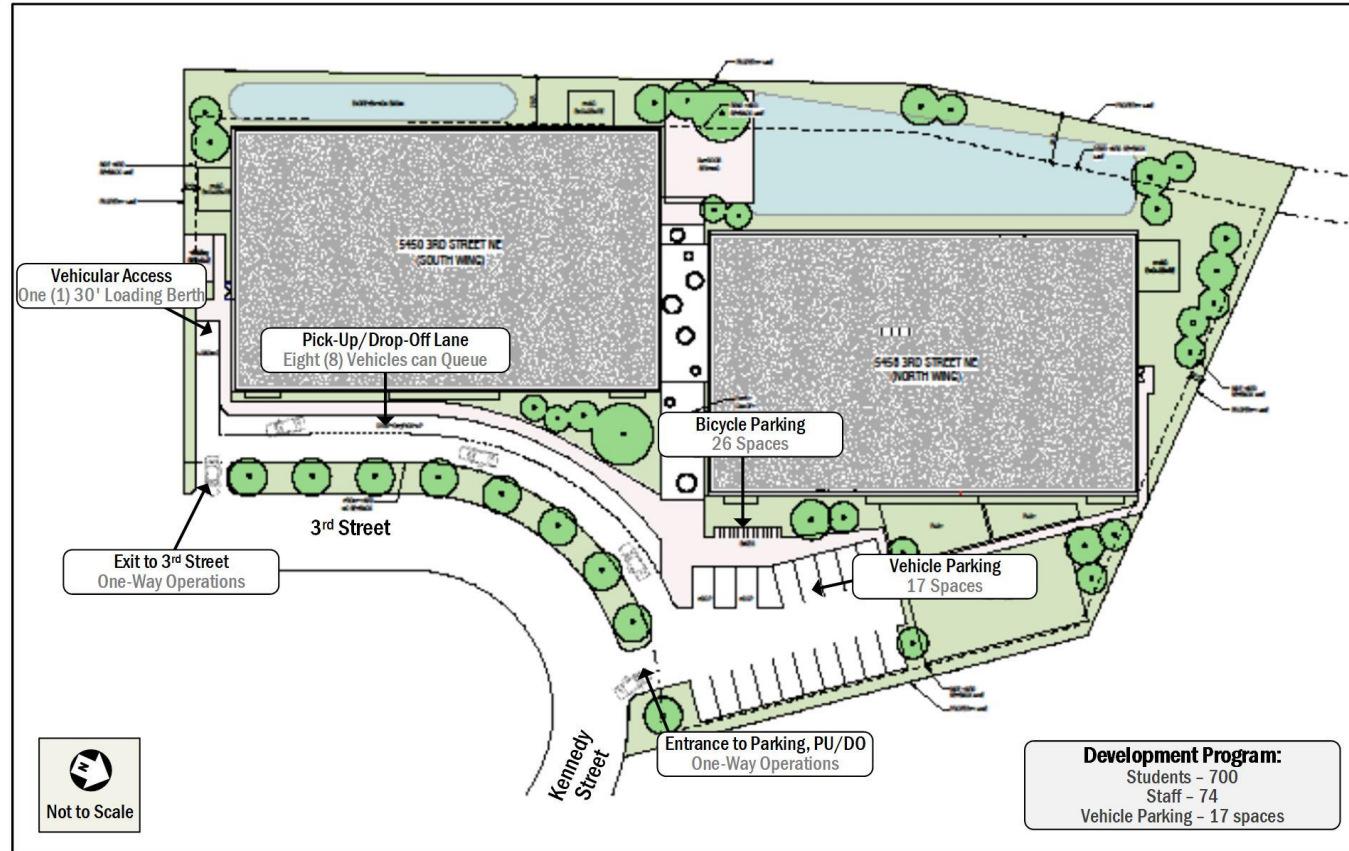


# Trip Generation

- Most school staff and older students are expected to use public transit
- Given their young age, the majority of AppleTree students are expected to be driven to school
- The proposed school schedule follows a staggered schedule to spread the trips across the commuter peak hours



# Proposed Site Plan

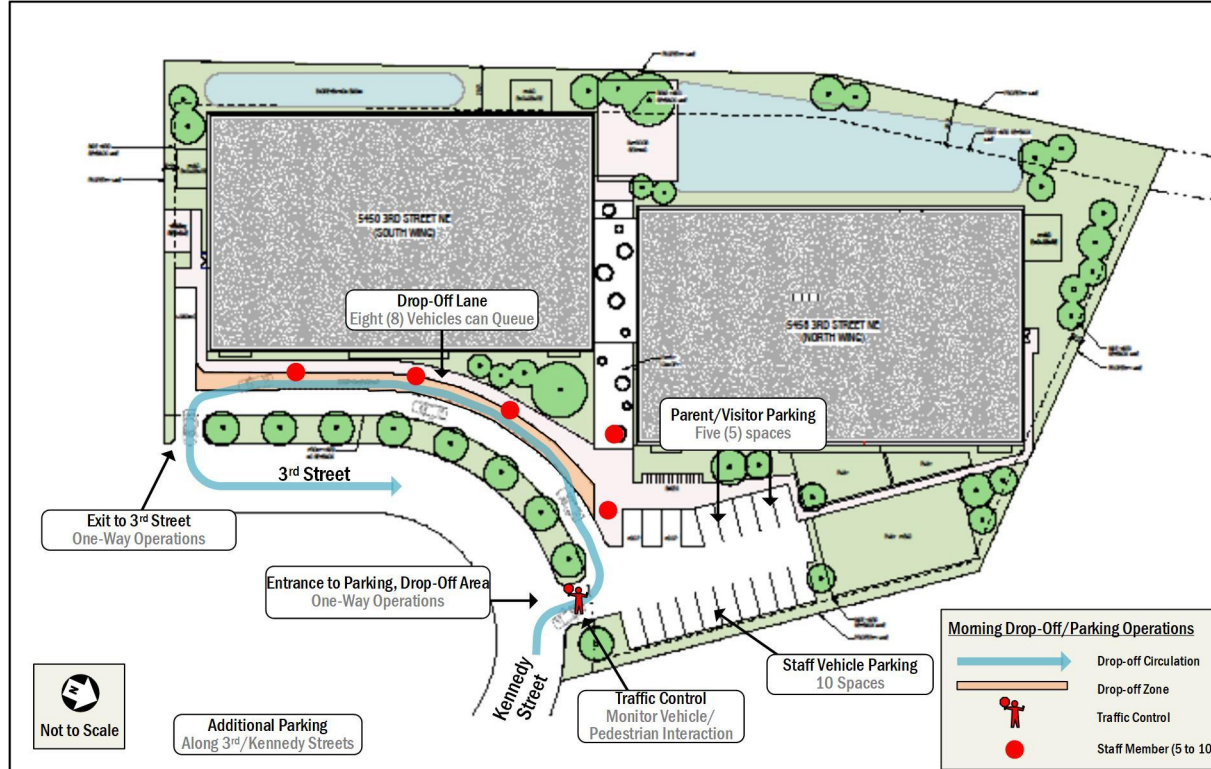


# School Operations

- Vehicular Access from Kennedy Street/3<sup>rd</sup> Street:
  - One-way circulation
  - Entrance leads to parking area and pick-up/drop-off lane
- Pick-up/drop-off Lane:
  - Located curbside and is approximately 200 feet long
  - The lane can accommodate up to eight (8) vehicles at a time, with an additional (2) vehicles accommodated on campus
- On-street parking is only allowed during school arrival/dismissal period
  - This short-term parking will be subject to a 15-minute limit



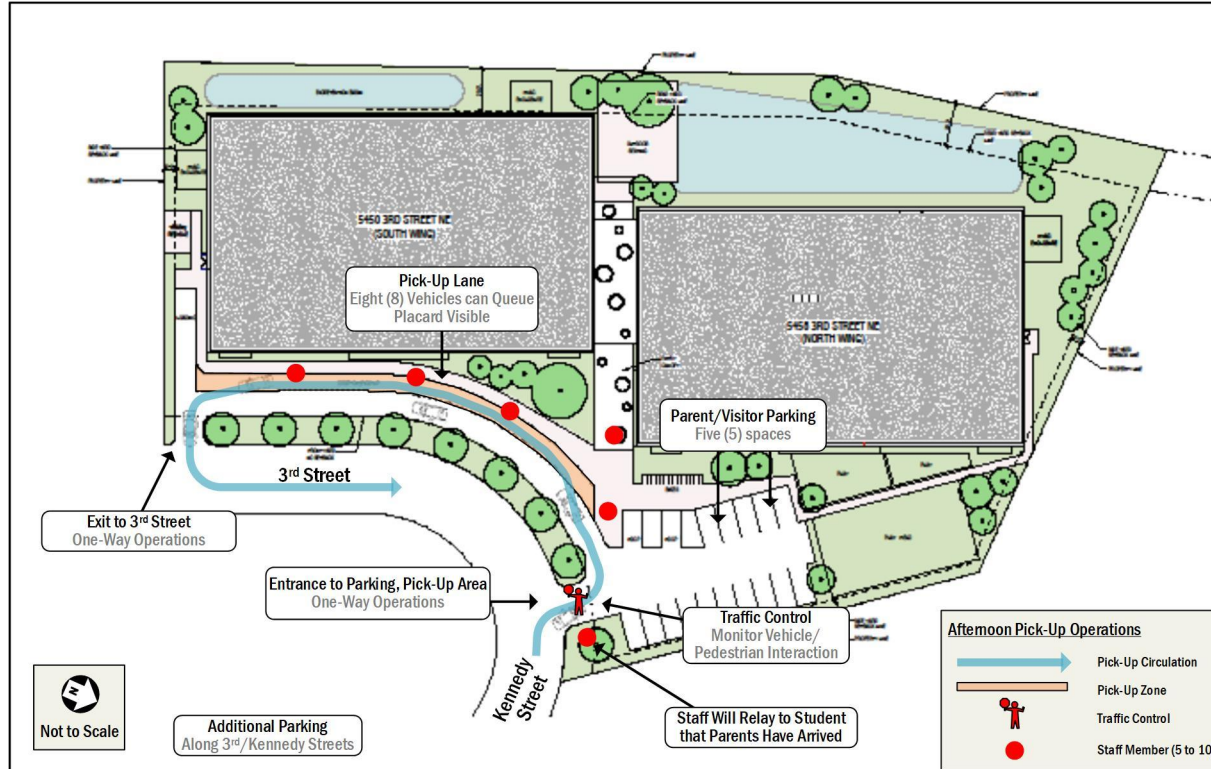
# Morning Drop-Off and Circulation



- Up to 5-10 Staff Members will assist children out of vehicles and bring them into school
- Parents are encouraged to not park and walk their children into the school, speeding up the drop-off process



# Afternoon Pick-Up and Circulation



- Staff member at driveway entrance will relay to other staff that student's vehicle has arrive
- Parents must have visible placard with student name
- Student will be guided to vehicle in pick-up lane by staff



# Traffic Demand Management (TDM) Elements

- School-wide TDM Elements
  - Designate a staff member to serve as Transportation Management Coordinator
  - Continue to support and grow a culture around walking, biking, carpooling, and public transit uses among students and staff
  - Provide secure bicycle parking/storage facilities for students and staff
  - Maintain trained crossing guards at appropriate intersections near school
  - Encourage walking school buses
- Student/Parent TDM Elements
  - Encourage carpooling by offering a parent listserv to allow parents to find carpool matches
  - Coordinate bike safety/education for students
  - Establish and provide parents with information on walking school buses and bike trains
- Faculty/Staff TDM Elements
  - Offer SmartBenefits to faculty and staff to encourage the use of public transit
  - Offer environmental benefits to employees who walk or bicycle to work
  - Encourage carpooling by offering a staff listserv to allow staff to find carpool matches

