

ROCKETSHIP 2

Washington, DC

Institutional

PROJECT DESCRIPTION

This is a 53,000 SF Pre-K, Kinder and Elementary School building hosting 800 students. The school includes 26 classrooms, 3 special education classrooms, 2 group learning centers, multi-purpose cafeteria, lobby, nurse's suite, administration offices, gym and a welcoming agora space with built-in step seating. The school offers a high-performance building design and a sustainable learning environment. The project achieved LEED PLATINUM Certification.

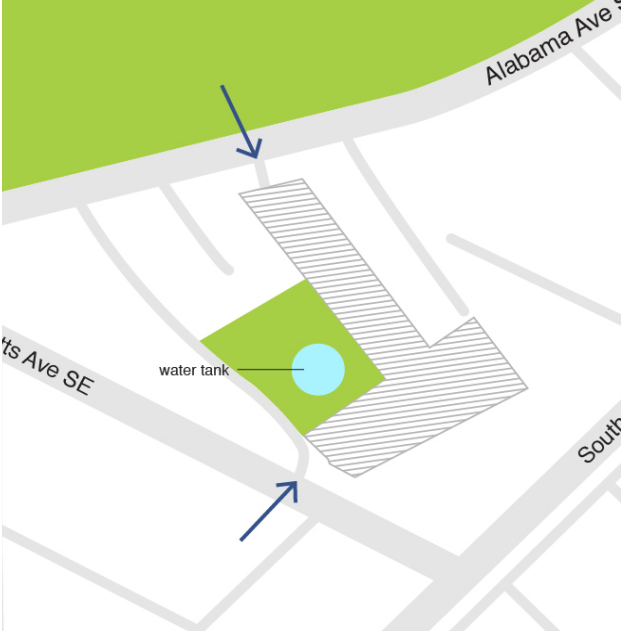
The T-shaped site, nested among a dense neighborhood and a large water tank, forced us to find a creative way to insert the building and to find interesting vistas. We allowed the giant blue "spaceship," the watertank, to "land" just in front of the school and guide the students to the main school entrance. The children are encouraged to learn about sustainability walking on the bridge over the water retention pond. The building dialogues with the neighboring houses thanks to its moderate scale, repetition of roof dormers and choice of cladding materials. The school becomes a part of the community to which it belongs. The Rocketship public school model, based on the rotation of four learning blocks every day, Humanities, STEM, Learning Lab and Enrichment is embedded in the project layout plan. The Rocketship mission, to allow all kids to unleash their potential, is exemplified in the dynamic and clean design intent.





MAIN ENTRY VIEW FROM THE BRIDGE

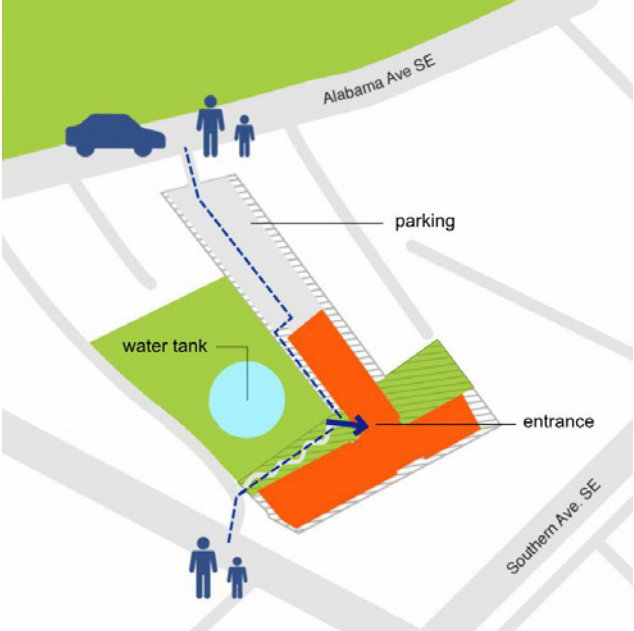
SITE DIAGRAMS



ACCESS TO THE SITE FROM THE MAIN ROADS

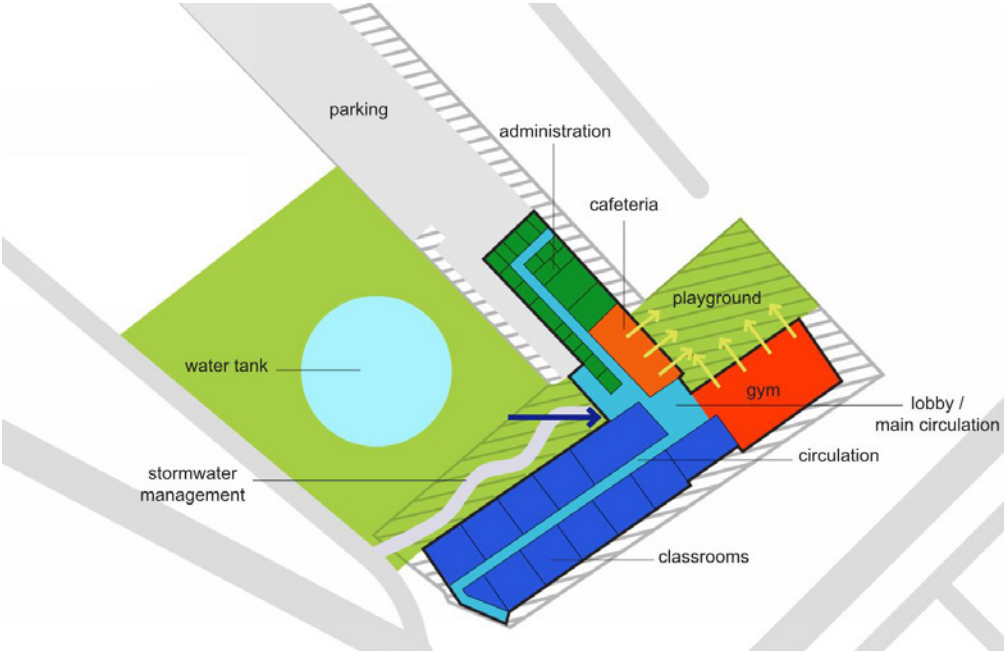


BUILDING PLACEMENT AND VISTAS

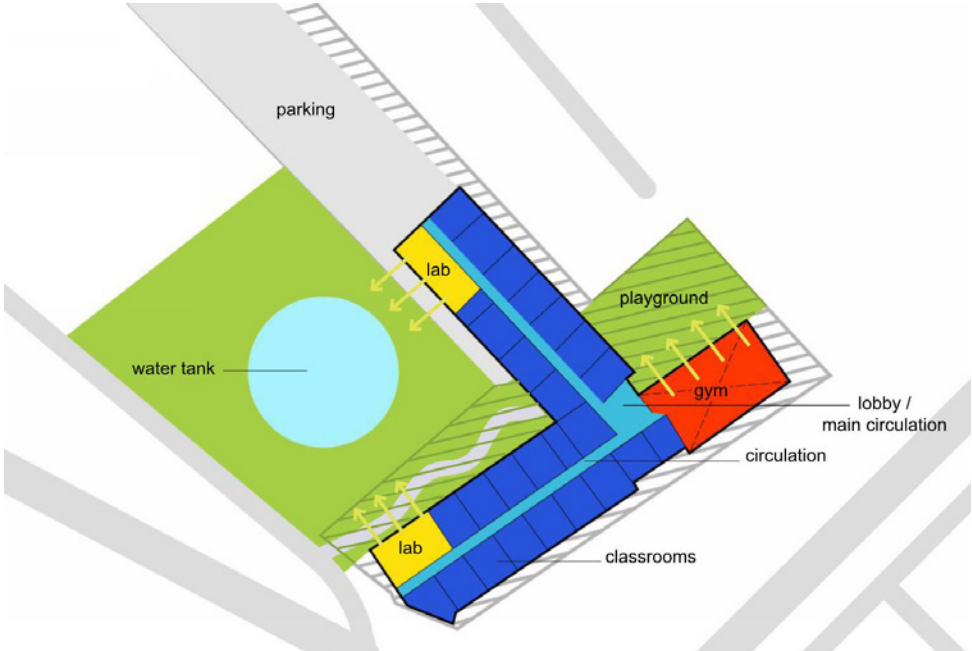


SCHOOL ENTRANCE

FLOOR PLAN DIAGRAMS



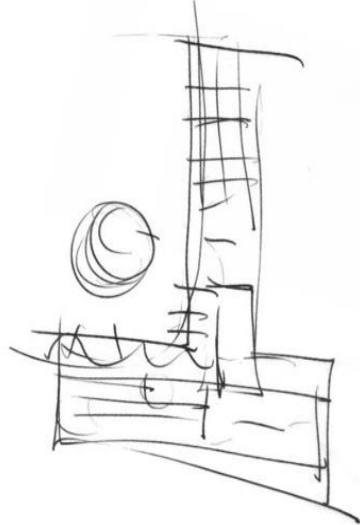
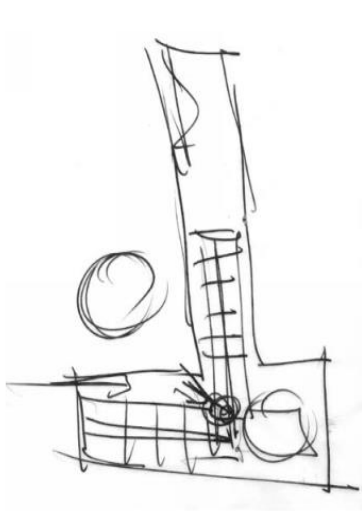
FIRST LEVEL



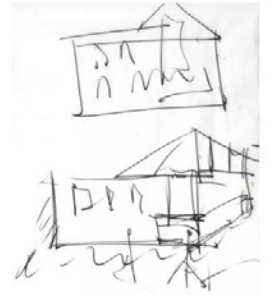
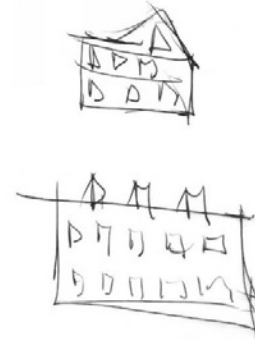
SECOND LEVEL

HAND SKETCHES

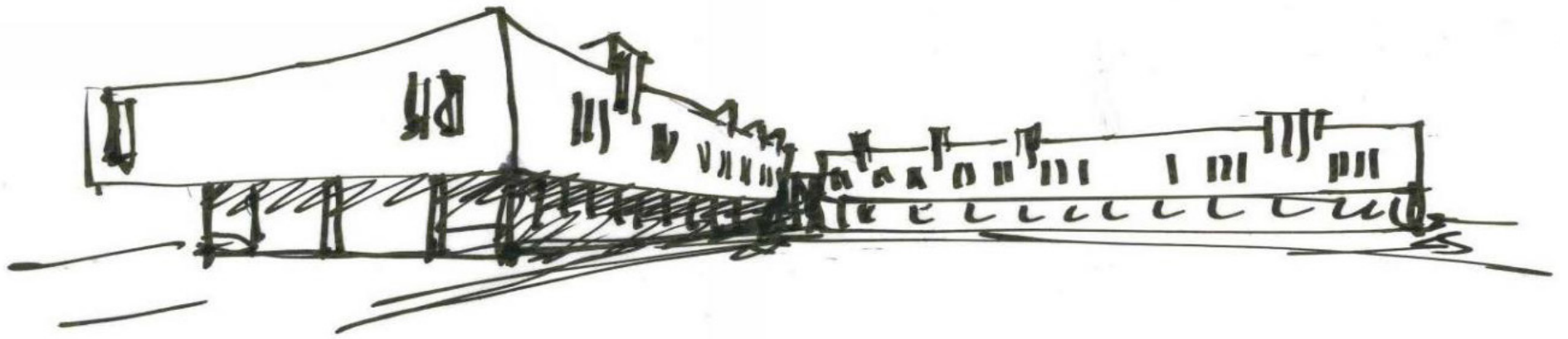
SITE STUDIES



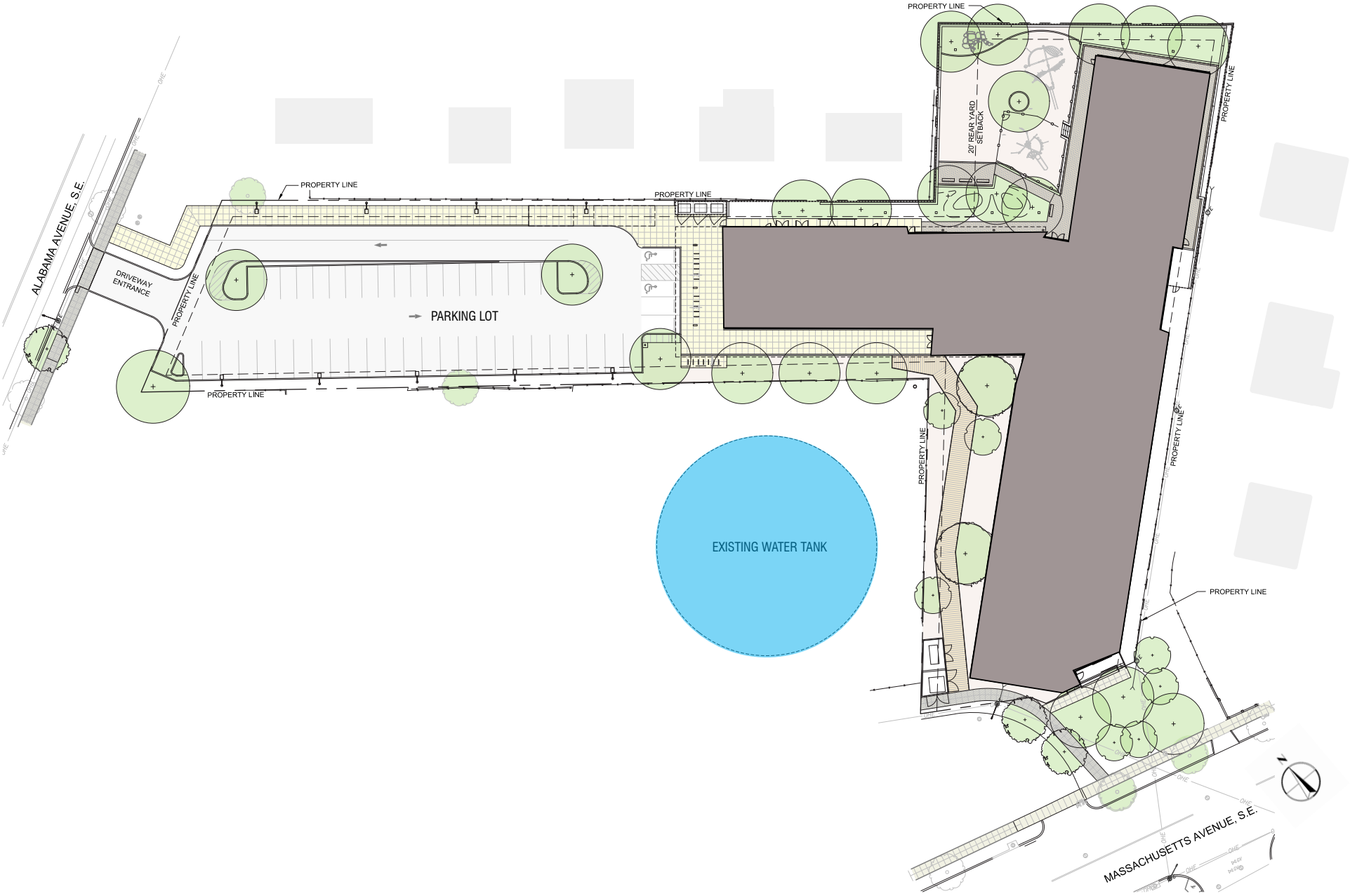
ELEVATIONS STUDIES



OVERALL PERSPECTIVE



SITE PLAN



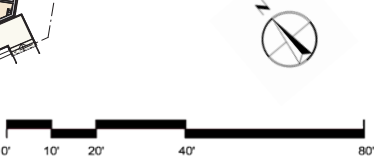
FIRST FLOOR PLAN



SECOND FLOOR PLAN



- 1- ENTRY
- 2-RECEPTION
- 3-AGORA
- 4-NURSE SUITE
- 5-OFFICE
- 5-ADMIN
- 6-LAUNDRY
- 7-DATA
- 8-BATHROOM
- 9-TEACHERS WORKROOM
- 10-SERVERY
- 11-CAFETERIA
- 12-SPECIAL ED
- 13-CONFERENCE ROOM
- 14-PRICIPAL
- 15-ASS PRINCIPAL
- 16-CLASSROOM
- 17-STORAGE
- 18-ELECTRICAL ROOM
- 19-GYM
- 20-UPPER AGORA
- 21-LEARNING LAB





VIEW OF THE BRIDGE



VIEW OF THE ENTRY OVERHUNG CLASSROOM WING



VIEW OF THE ENTRY



VIEW OF THE AGORA



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VIEW OF THE LEARNING LAB