



K2M DESIGN

Frederick Douglas Gym Expansion

City of Key West

Existing Conditions

- Frederick Douglas Gym is an indoor Basketball court and activity room.
- The Bahama Village Music Program provides free music education to the children of Bahama Village and Key West.
- The music program is attended by children aged six to sixteen.
- Professional music educators, adult volunteers and high school students teach private and group lessons throughout the school year.



Existing Conditions



Site Location



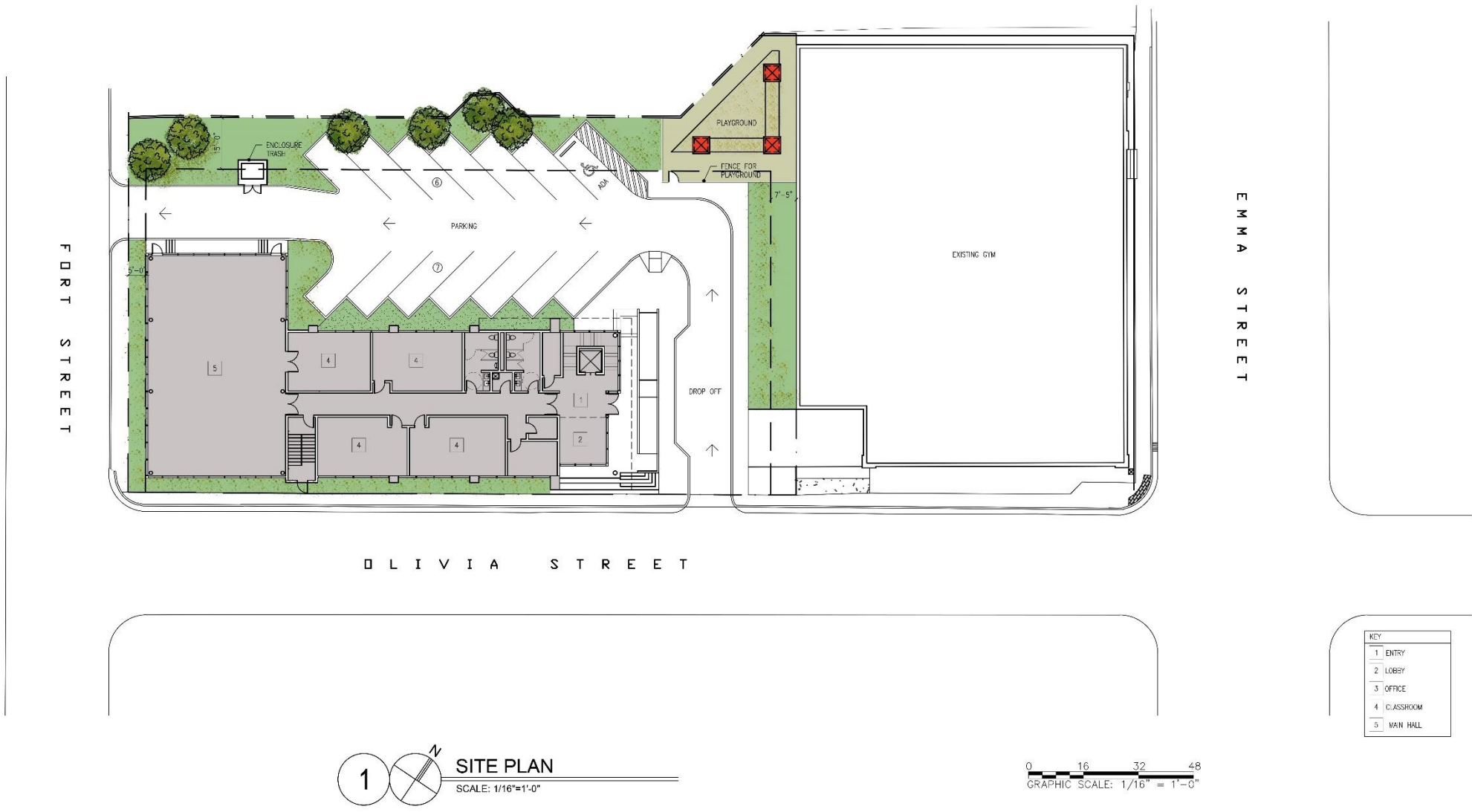
Program

SPACE DESIGNATION	QUANTITY	SPACE SQUARE FOOTAGE	NET SQUARE FOOTAGE	COMMENTS
Class Rooms	3	425	1,275	15 students
Offices	3	120	360	1 Teacher each office
Lobby/ Entry	1	286	286	Commom /Waiting Area
Lounge	1	194	194	Place for Kids to relax/Socialize
Computer Room	1	600	600	16 Computer Stations
Instrument Storage	1	411	411	200 Instruments
Main Hall	1	2,559	2,559	60 Students, Ceiling Ht. 18'-22'
Recording Studio	1	123	123	
Music Library	1	130	130	Store Sheet Music
Instrument Repair	1	50	50	Can be in Instrument storage
Incubator Office	2	134	268	
Kitchen	1	222	222	
Mechanical Room	1	148	148	HVAC, Electrical Panels etc.
Womens Room	2	151	302	
Mens Room	2	146	292	
Jan. closets	2	31	62	Mop Sink cleaning supplies
General Storage	1	112	112	
Elevator Mach. Rm	1	91	91	
Elevator	1	64	64	
Stairs	2	156	312	Fire Stairs
TOTAL NET SF			7,861	
Circulation Factor 30%			2,358	
GROSS SF			10,219	Actual Building GSF 10,221

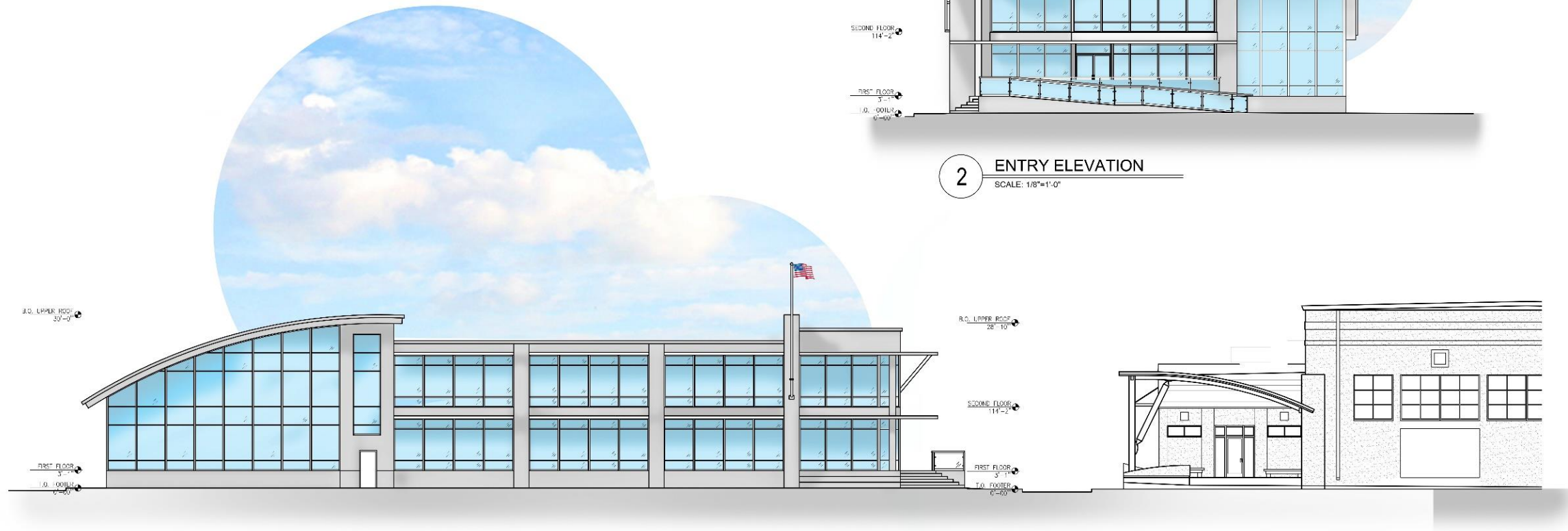
Design Considerations

- Open, airy and welcoming to the community – glass façade.
- Incorporate sunscreens and large overhangs for shade / energy / heat.
- Anchor Oliva and Fort Street Corner.
- Locate building at street edge and parking behind the building.
- Building 1'-0" above flood plain.
- Detached new building from the existing gym so the gym does not need to be flood proofed (50% rule).
- The Architectural style blend of City's Art Deco and existing gym context
- Bookend the new building to match the existing Gym entrance curve and transition from residential scale to the larger Gym structure.

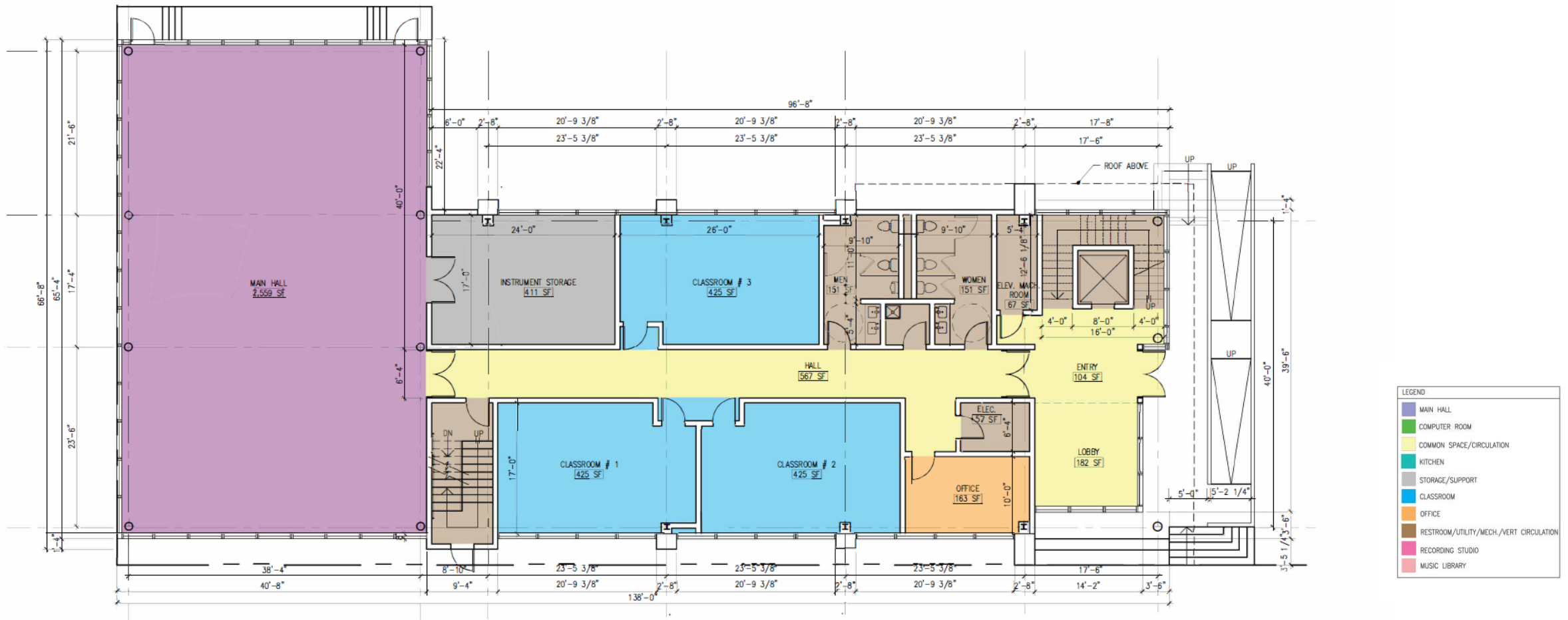
Site Plan



Building Elevations



First Floor Plan



Second Floor Plan



Massing Study



Massing Study



Massing Study



Massing Study



THANK YOU