



**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



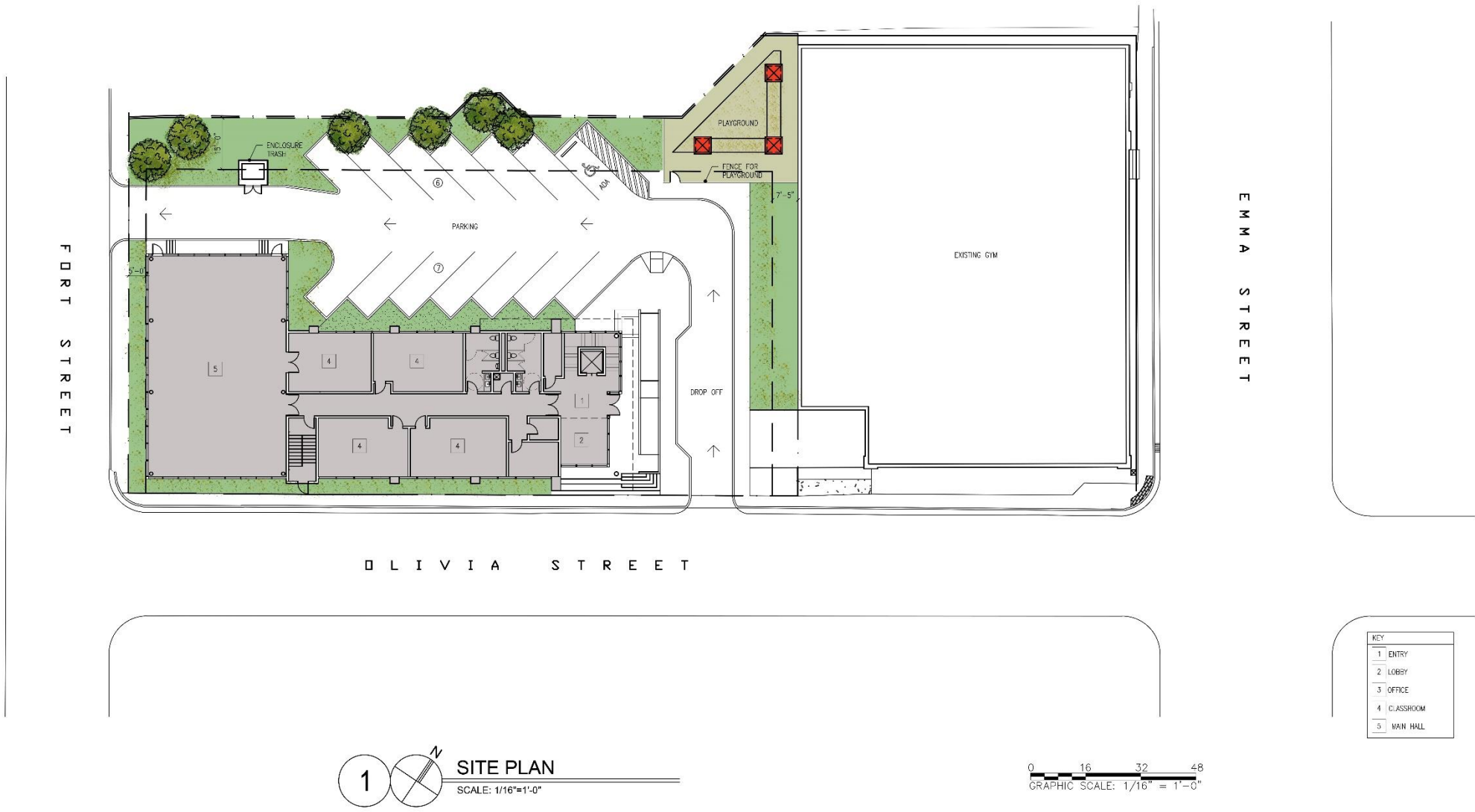
## Program

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

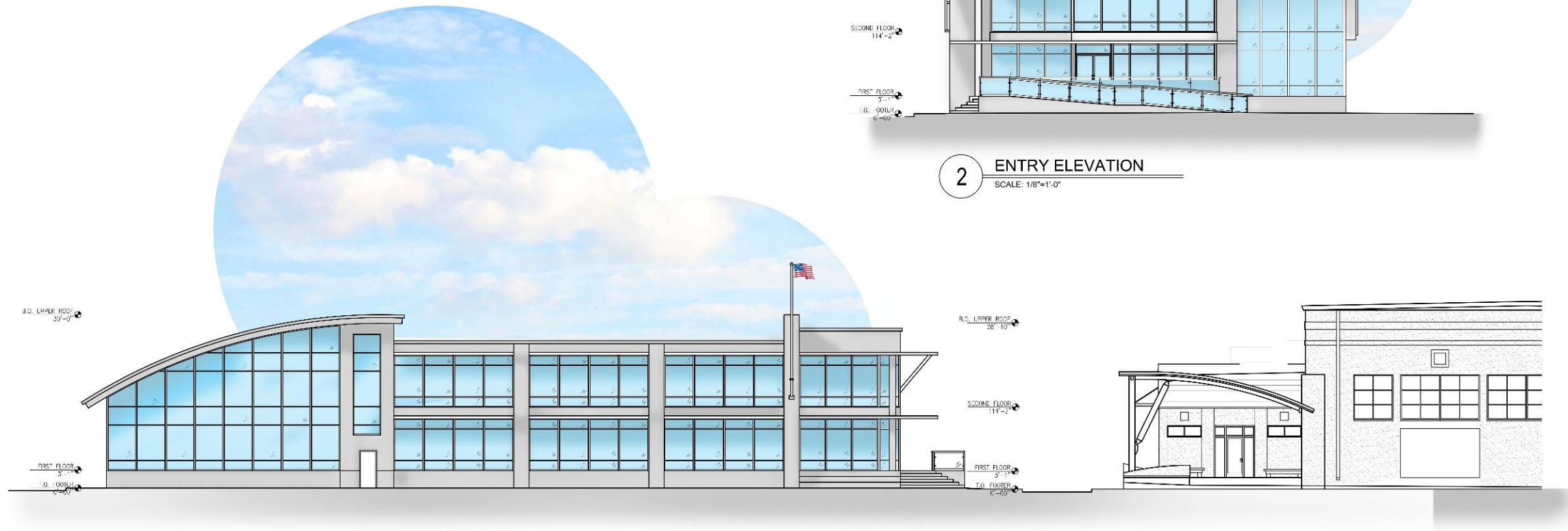
- Open, airy and welcoming to the community – glass façade.
- Incorporate sunscreens and large overhangs for shade / energy / heat.
- Anchor Oliva and Fort Street Corner.
- Locate building at street edge and parking behind the building.
- Building 1'-0" above flood plain.
- Detached new building from 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

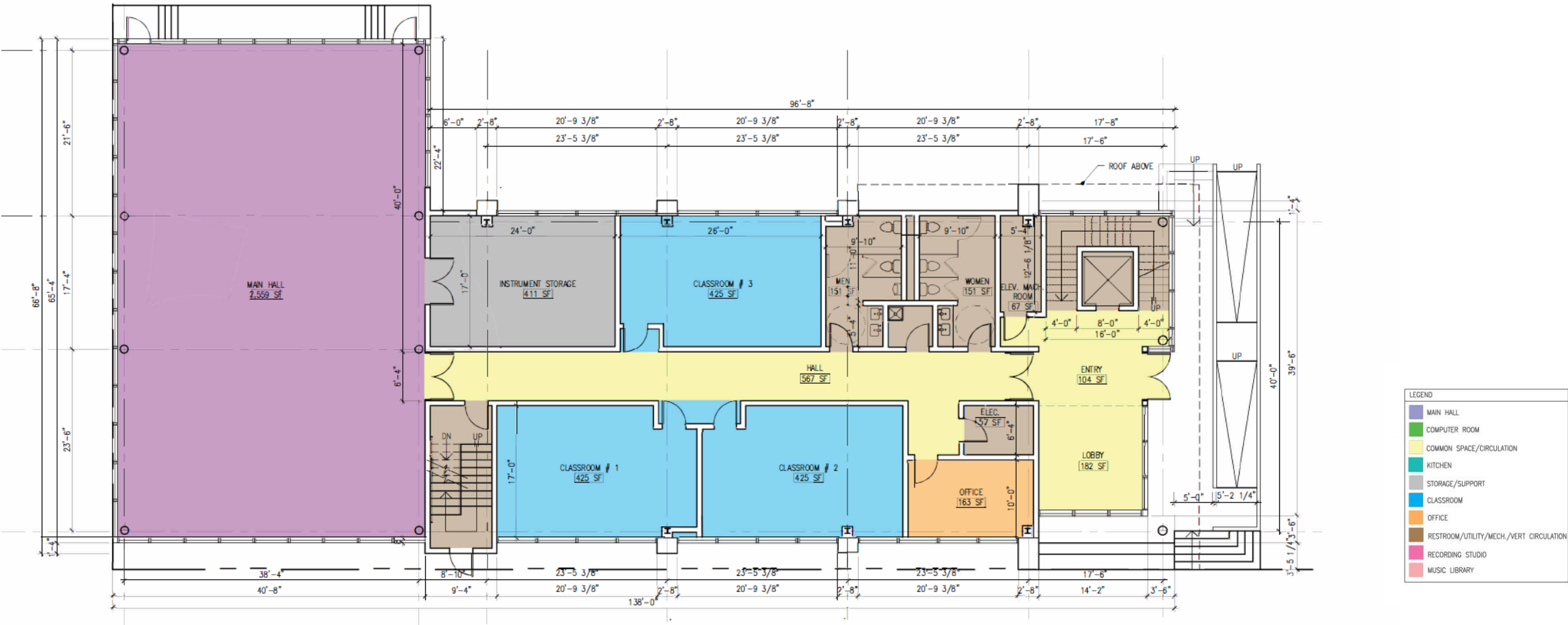




## Building Elevations



First Floor Plan



## Second Floor Plan





## Massing Study



## Massing Study





## Massing Study



## Massing Study





THANK YOU