

SCHOOL SCHEMS

The following information describe the working constraints to follow when realizing a school complex.

Differentiation of the access

1. The access to the different unities will be made through a shared entry esplanade, protected against bad weather, separating the building and the roadway, and split the users to the different entry hall: entry of the primary school, of the Kindergarten and maybe the reception of the leisure center.
 2. The access for the catering service will be completely separate from the school entry and the leisure center entry.
 3. The school complex must have an excellent accessibility for: the users (forecourt, pedestrian roads...), services vehicles of the school (catering, delivery...), safety vehicles (Firefighters, ambulance...)
- /!\ The buildings of the school complex and the school playground must offer an access to the care and maintenance vehicles.

Flow management:

1. The logistic flows and the person flows (pupils/supervising staff) must coexist.
2. /!\ Pupils from Kindergarten and primary school must not meet when going to the playground and the canteen.
3. The traffics area must be limited to optimize the construction and maintenance costs without harming the building usability. The ratio of (Usable + Circulation area) to Usable are should not higher than 1,25.
4. Accessibility to the disabled:
In compliance with the law, all the premises of the school, of the leisure center and the outdoor places of the school must be accessible to disabled, no matter the handicap.
All the layouts allowing the above have to be taken into account in the design of the school complex. In case of lift installation, its use has to be permitted to the disabled and the accompanying persons only.

Establishment of the premises

1. → /!\ The **proximity of some premises with the entry esplanade** seems essential. For example, it's better to avoid placing the administrative premises and the gathering ones (entry hall, common activity rooms) at the bottom of the complex.
2. → To ease the supply of food, **the canteen will be placed in the ground floor.**
The canteens **must** have an internal connection **sheltered** for the Kindergarten, and this connection can be sheltered also for the primary school and the leisure center. They will also benefit direct access to the playground.
3. → The school complex will have 2 or 3 floors (ground floor +1 maximum for the Kindergarten, ground floor +2 for the primary school).
4. → The playgrounds of both schools must be on the same level as the ground floor.
5. → The organization of the activity rooms and the classrooms for both schools and the leisure center will be made to bring closer the pupils from the same range of age or around the same range of age. For example, the oldest from the Kindergarten will be near the classroom of the youngest of the primary school.

6. → The establishment of the shared premises in the building will link the leisure center and the schools for some, and for the other, they need to be accessible for the schools and the leisure center. The children from the leisure center will have an easy access to the shared premises of both schools (activity rooms, bicycle garage, dorms, bathrooms, multifunctional room, library, computer rooms...)
7. →/!\ The computer rooms of the primary school will be accessible to the neighborhoods' inhabitants.

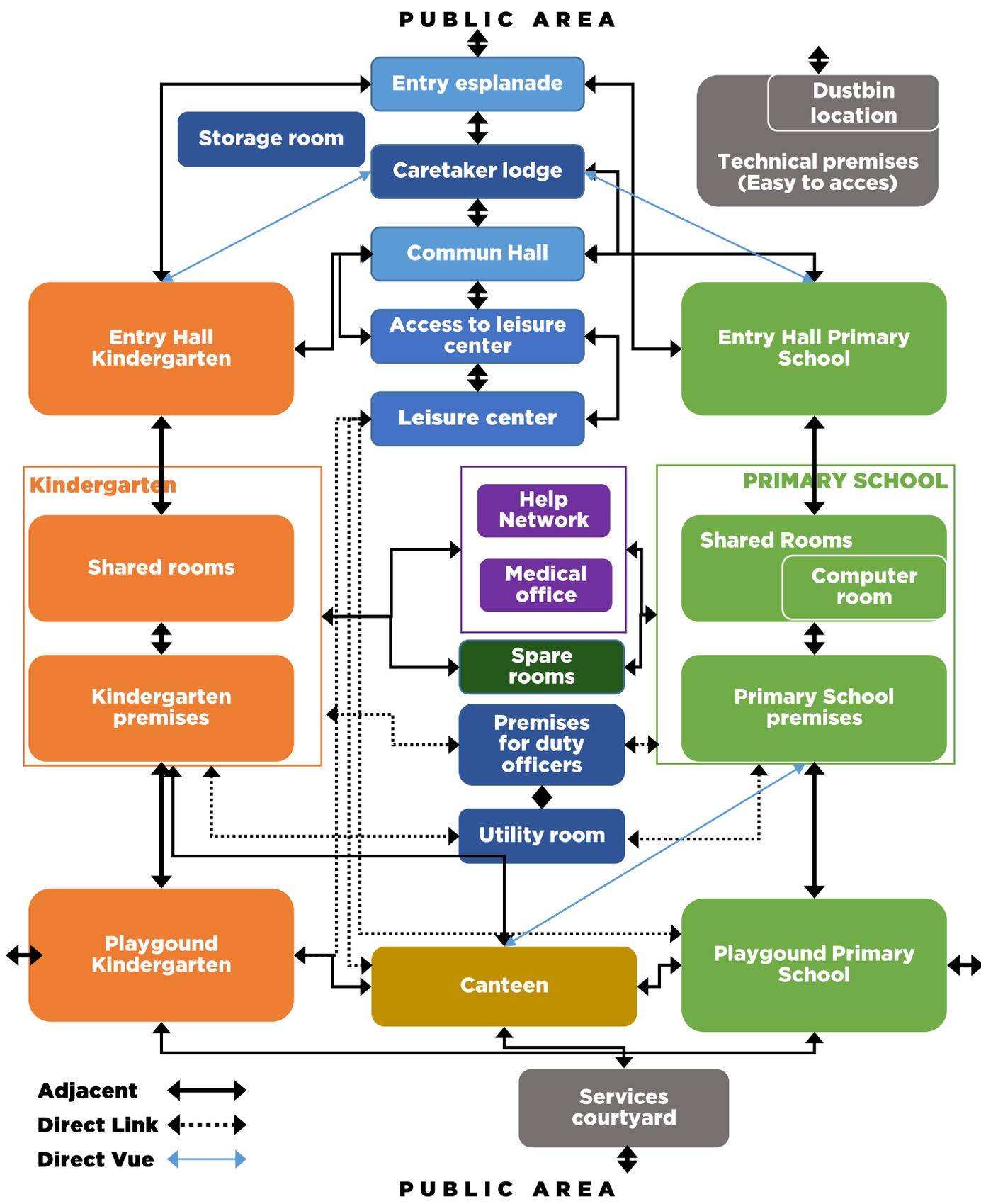
The global organization must adapt to the program evolution (ex: growth of pupils in Kindergarten, so there is a need of one or more spare room(s)). So the two playgrounds must be adjacent. The spare rooms must be accessible in both schools.

Premises to absolutely have on the ground floor

1. → For Kindergarten and primary schools: the entry lobbies, the principals offices, the shared activity rooms, the storage rooms (one in each school), the main bathroom for the youngest, and if possible a room for the teachers. It's better to put two exercising rooms on the ground floor for the Kindergarten (that must be adjacent) and a dorm adjacent to at least one of the exercising rooms.
If it not possible to put two rooms, it is useless to establish only one.
2. For the canteen: all premises on ground floor
3. The caretaker lodge and his storage room.
4. →For the leisure center;
Regarding the leisure center establishment, there are different possibilities:
5. Ideal scenario: The leisure center is established on only one level on the ground floor or on the second floor.
6. Possible scenario: Kindergarten unit and the primary school unit are established on different floors. The two units in this scenario must be stacked up, with a stair nearby to have an easy and fast link.
7. It's impossible to separate the Kindergarten unit and the primary school unit with a floor in between them.

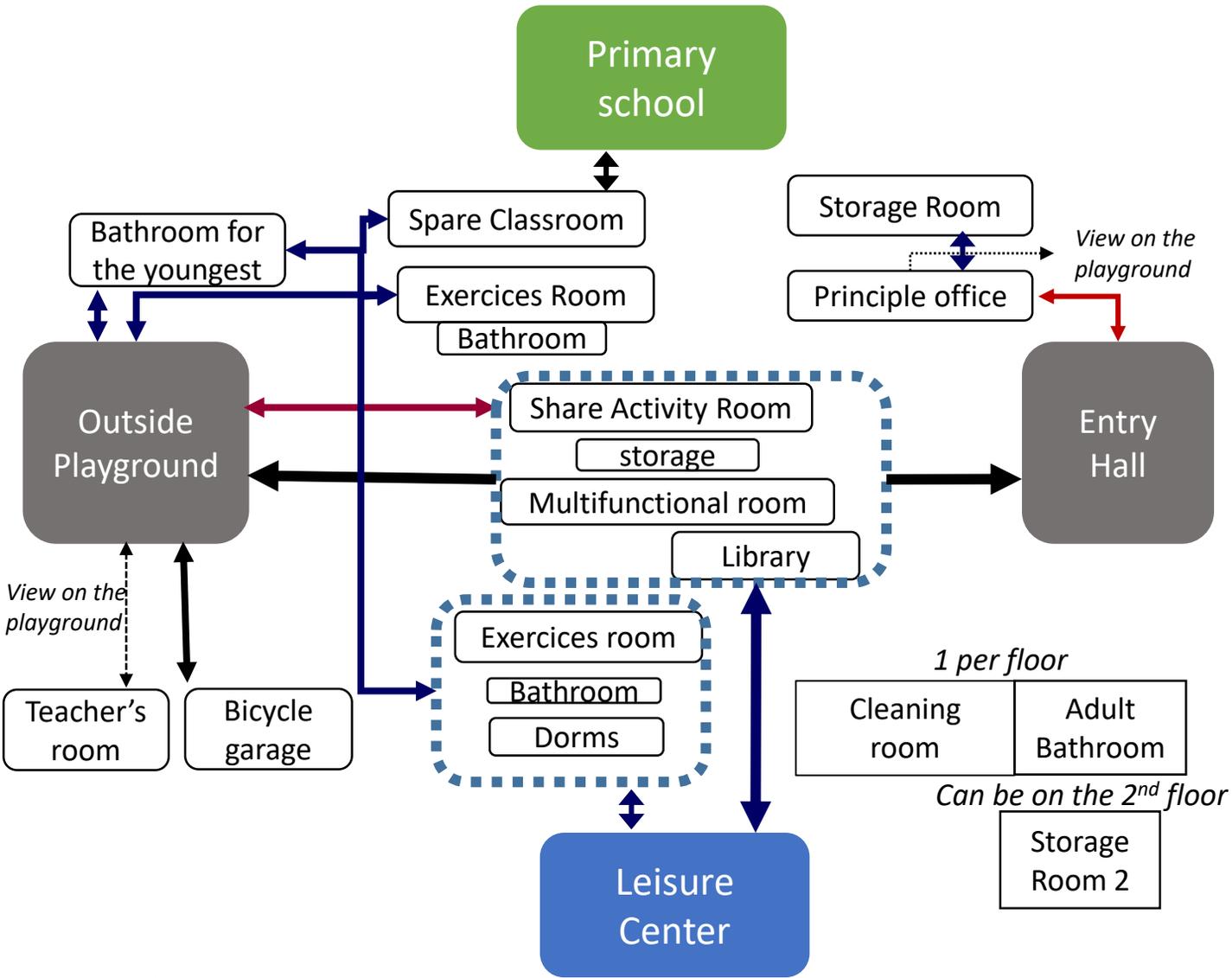
GENERAL WORKING SCHEME

1. Except other instruction, all doors need to have locker
2. The height under the ceiling must be at least 2.80m (9,1 Feet) (so a height of 3.3m (10,8 Feet) between the two slab) and 3m (9,8 Feet) in the ground floor.
3. Maximum height of the school building (if not integrated with other e.g. residential functions) should not exceed R+2 with classrooms located on R level (ground floor) for Kindergarten and max. R+1 for primary.
4. This scheme do not forbid the designer to create other links if he thinks they can improve the school complex.



Primary school	Kindergarten	Outdoor
Leisure Center	Canteen	Help Network

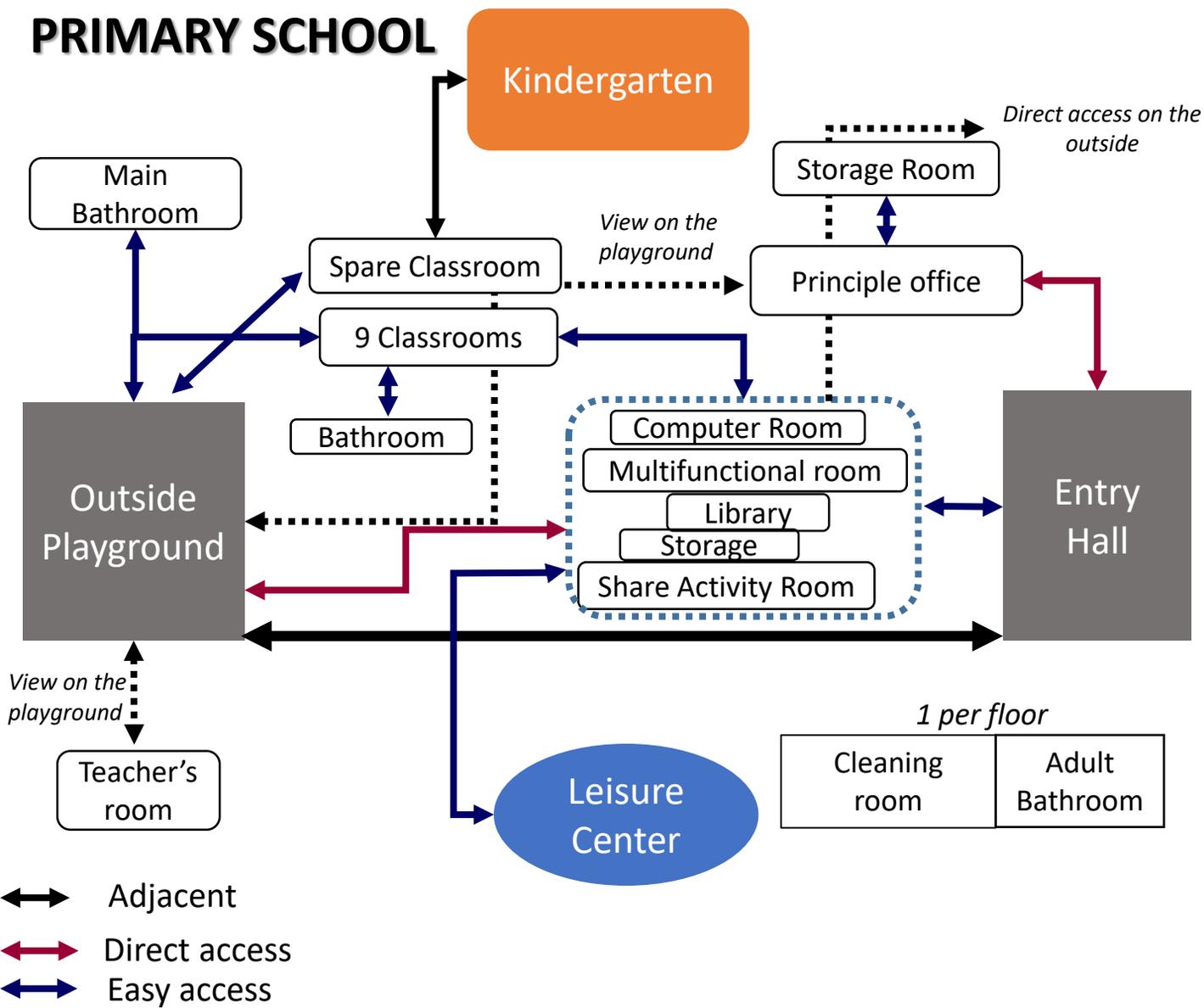
Kindergarten



- Adjacent
- Direct access
- Easy access

Name of the premise		Surface	Name of the premise		Surface
Circulation / Entry Hall			Adult Premises		
Entry Hall		30m ²	Principle office		12m ²
Circulation		See Flow management p.3	Teacher's room		32m ²
School premises			Storage Room+Cleaning Room (X2)		9m ² +6m ²
Exercice Room (8)		55m ²	Bathroom		
Resting Room (3)		60m ²	Bathroom for the youngest		
Gathering premises			Toilet near the classroom		45m ²
Activity Room + Storage Room		155+15m ²	Main bathroom for pupils		
Library (away from Activity Room)		50m ²	Toilet for adults		10m ²
Multifunctional Room		55m ²	OTHER: bicycle garage		
					15m ²

PRIMARY SCHOOL



Name of the premise		Surface	Name of the premise		Surface
Circulation / Entry Hall			Adult Premises		
Entry Hall		30m ²	Principle office		12m ²
Circulation		See Flow management p.3	Teacher's room		40m ²
School premises			Storage Room +Cleaning Room (x2)		12,5m ² +8m ²
Classrooms (9 + 1)		50m ²	Cleaning Room		
Spare classroom		55m ²	Toilet near the classroom		60m ²
Gathering premises			Main bathroom		10m ²
Activity Room + Storage Room		155+15m ²	Toilet for adults		
Multifunctional Room		55m ²			
Library (away from Activity Room)		60m ²			
Computer Room		55m ²			