2.08

Static and dynamic were two types of loads

Dead load - everything that's not move

snow load

Occupancy load
hold the weight of people and object

Ground pressure

Rain load - collect rain

water pressure

Impact load is
or short duration
for kind of transportation
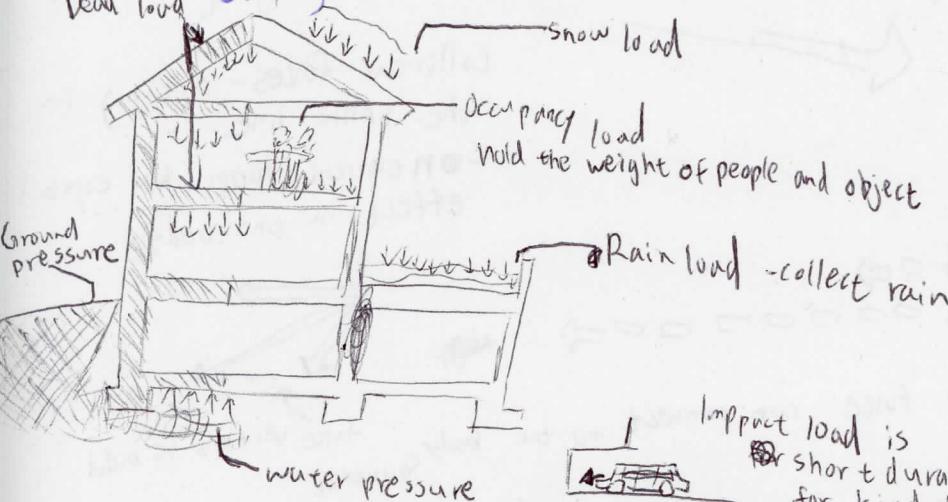
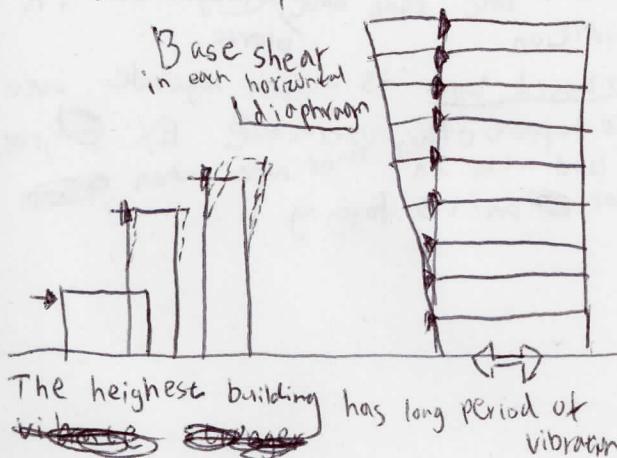Static load - apply to the building until reach maximum heigh.

Dynamic loads - has rapid changes in magnitude and point of application

2.09

- wind loads are coming from any horizontal direction
- The amount of wind loads depend on the area of the building
- able to resist any opposite direction
- minimum design value of wind pressure were 10 m
- Design values will increase based on how big the building wee

2.10

- Horizontal components is one of the difficult part in design because of the ground motion

Base shear
in each horizontal diaphragm

The heighest building has long period of vibration

The mass of building Develope an inertial force to make it Stable

Reflect intensity of ground motion