

Planning and creation of a smoking area at the back entrance of the high school

We made this project for the smokers, it will be inaugurated in May so it is important that it is finished.

This zone will be better for the smokers because they will be safer because before they were by the roadside. This space will be more beautiful than what we have now. There will be a lot of vegetation.

The various stages to realize project are:

- First, we did the setting-up of the ground
- Then, we worked on realization of hole for the contacts blocks
- After that, we poured concrete in the holes
- To finish, we positioned the steel posts in the blocks

Safety

On the construction site, We wore our PPE (personal protective equipment) which are:

- a Hard hat to protect our heads
- Hearing protections when we used noisy machines
- Gloves to protect our hands
- Steel toe boots because it is compulsory on a site

We didn't use goggles because we didn't have dangerous machines

To build this terrace, we needed several tools :

- a shovel to make holes
- a rake to lay and level the aggregates
- a Pickaxe to dig the ground
- a toolbox
- a bolt cutter to cut the steel posts at the right dimension

We measured the area , and determined the positions on the ground . Then we did the hole with a shovel and a pickaxe. The earth was evacuated with a wheelbarrow. We cut the steel mesh to put in the holes after the casting process.

Then we poured concrete in the hole and vibrated concrete with a vibrator.

Finally, we positioned the wooden beams on the posts and checked the alignment with a spirit level.

Problems

We had a lot of bad weather, so the construction was not as fast as we wanted.

Moreover, one of the machines broke down, so, we were delayed.