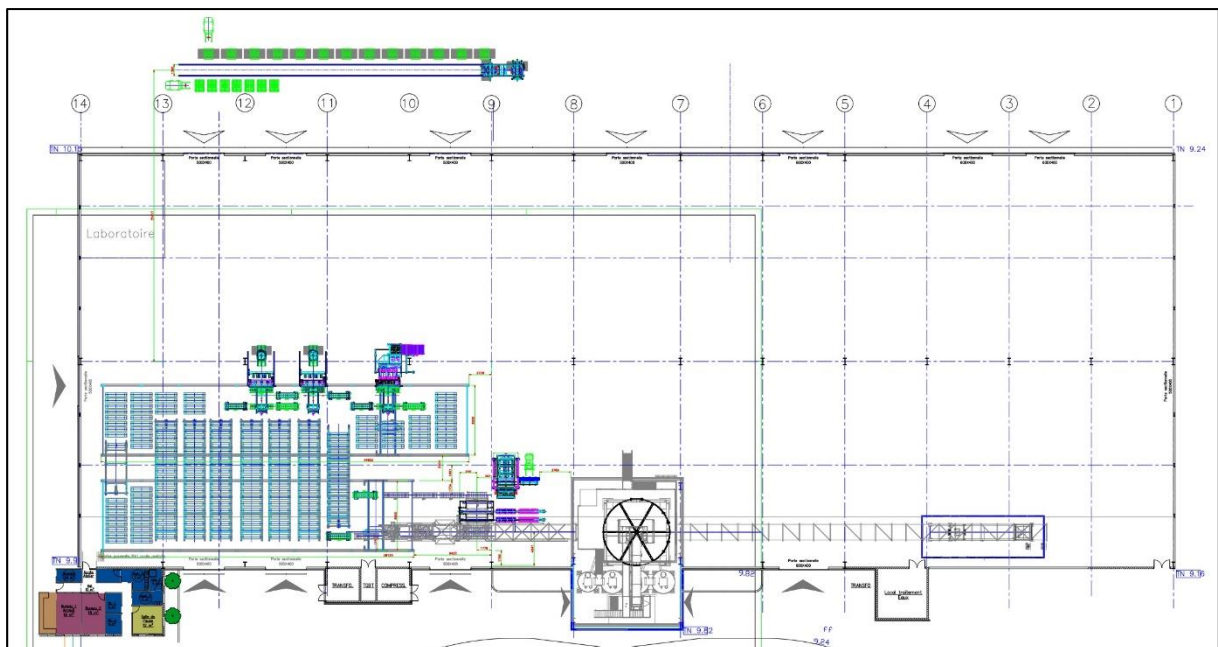


BOULLEVILLE, le 27/06/2024

MAFA - INSTALLATION FOR THE MANUFACTURE OF FENCES



SOLUTION PRESENTATION



- We offer an industrial process working under the following conditions and objectives:
- Fences filling capacity: 1500 molds over 7 hours
- Filling capacity of pavers: 60 moulds/h-Efficiency factor: 80%
- Removing and oiling a mould every 13 seconds
- Clipping, vibration and placing steels every 13 seconds (for a mould)
- Delivery Concrete (1m3) / 4 min

The solution includes the following machines:

1. Brushing molds: to keep them clean



2. Oiling robot. A robot is dedicated to making a very thin layer of oil on the molds, according to the model of the fences to be made



3. Two filling lines at the same time.



4. Filling system. A set of two screws with weighing and movement all along the mold makes it possible to fill the mold with the right amount of concrete with great precision, once going forward and once going back, to save time.
5. Two shaking tables to ensure perfect spreading. Low frequency table with control of frequency and working amplitude.
6. Conveyor system with roller table and stacker.



7. Automatic steel setting according to product.



8. 2 automatic bridges for the transport of empty pallet and full moulds piles.



9. 4 demoulding stations, to support fences making capability.





10. Automatic bridge to insert wooden pallets into the demoulding stations and manage the exit of complete pallets.



11. 11. Product output conveyor with turntable for bypass and waste output.

