90000 [3543.31"]

"Second floor"

Conference room

Manager office

Services

A

Curing chambers TOTAL capacity:
390 tiles (each rack)
20 racks (each chamber on 2 layers)
7 full chambers (1 chamber is ciclically empty)
= 390 x 20 x 7 = 54,600 tiles

B

8 7 6 5

Workshop & spare parts

Toilets

Changing room

Compressor room

Laboratory

Packer Extruder RvD Mixer

Control room

DB: Batching plant heating-system

DOOR

DOOR

26000 [1023.62"]

From the curing chamber

UNLOADER

Depalletiz.

O.C.

DOUBLE LOADER

Acrilic

Extruder

Oiler

Flow Inverter

To the curing chamber

Packet former

Pack former

Wooden pallet dispenser

Squeezer

Palletizing conveyor

Spin wrapper

Storage conveyor

Transfer robot

II horizontal strapper

I horizontal strapper

Vertical strapper

START CHAMBER

1 2 3 4

BOILER ROOM

6000 [236.22"]

3600 [141.74"]

DOOR

DOOR

To the curing chamber

Wet

Trim extruder

Oiler

From the curing chamber

Dry

Manual packing

Acrylic paint applicator

Wet conveyor

Pallet conveyor

Depalletiz.

Dry conveyor II

140 ridges

Curing chambers capacity:
140 ridges/rack x 21 racks = 2940 ridges

Mixer platform

Planetary mixer 1500lt

Cement silo 80 tons

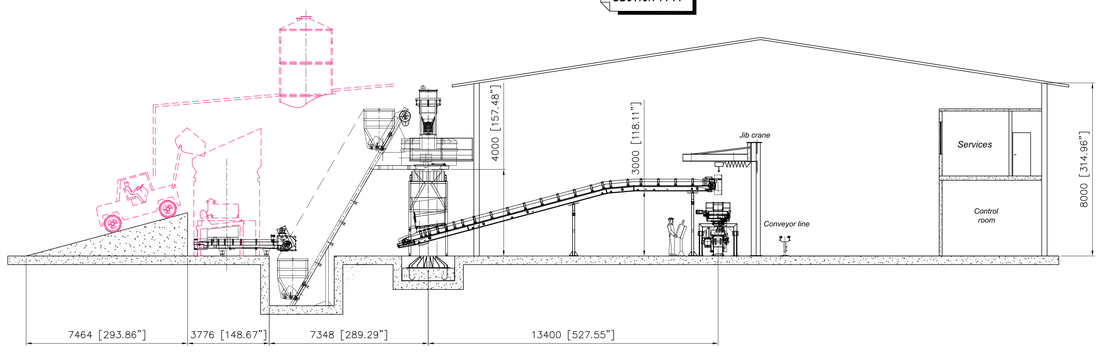
Sand hopper

Sand hopper

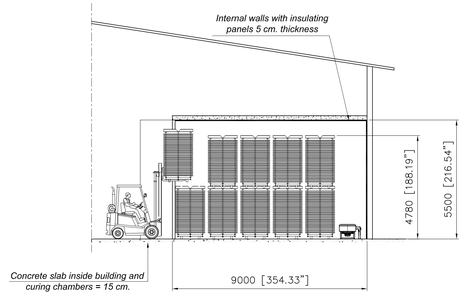
A

Washing water depurations

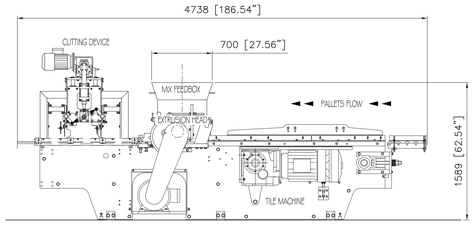
SECTION A-A



SECTION B-B



LATERAL VIEW OF TILE EXTRUDER



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PRODUZIONE E/O DIFFUSIONE VIETATA

Vortex Hydra srl

Cliente/ Customer

Disegnatore/Draftsman: Pigozzi G.

Data/Date: 27/05/2019

Titolo/ Title: **Vortex Module T120 - Fully automatic**

General lay-out

Controllato/Checked

Data/Date

Fgli / Sheet: 1 / 1

Scala/Scale: 1:100

A0

Disegno / Drawing: **MODULE T120 FA**

Commessa/Order.

Approvato/Approved: Ing. Merli I.