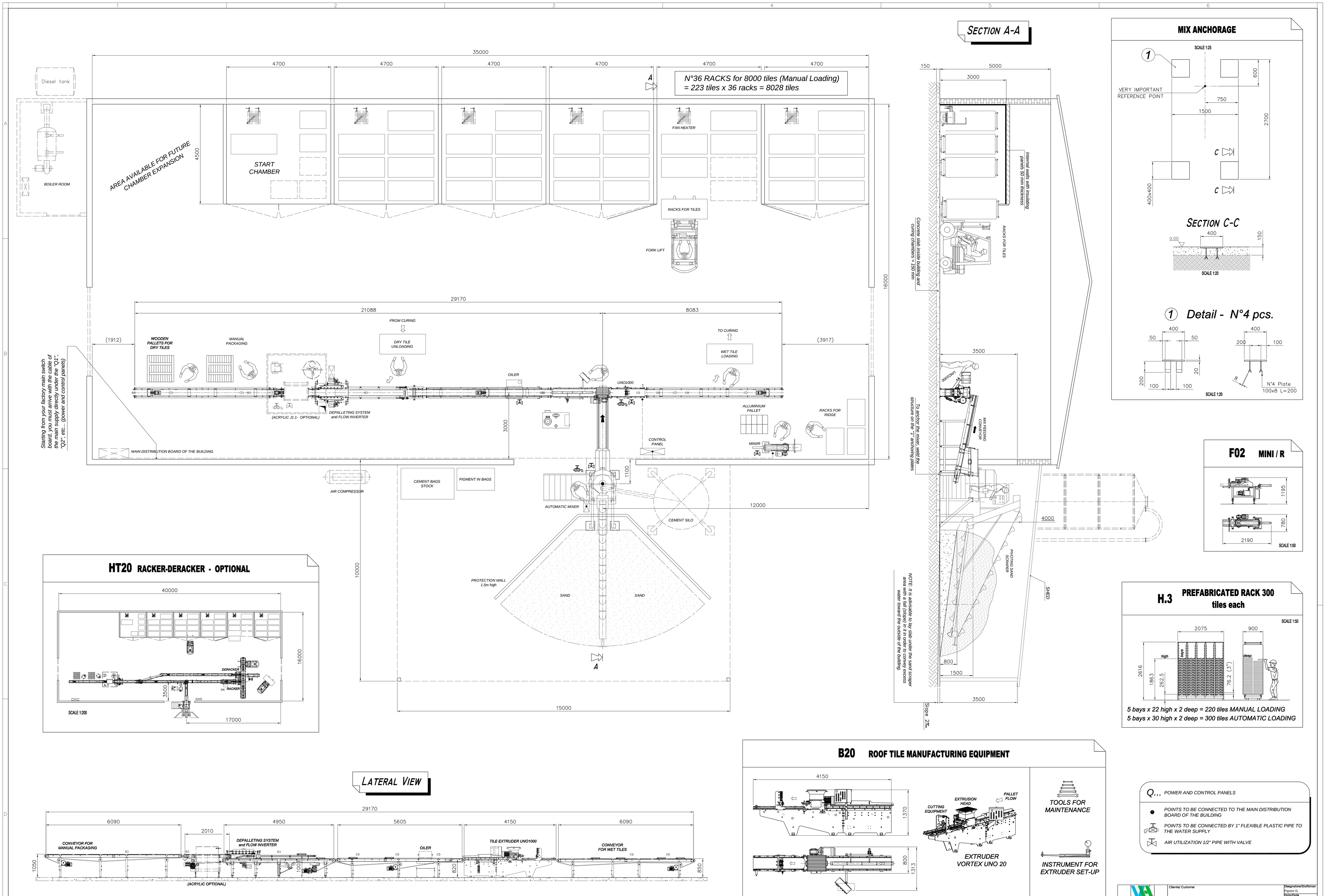

SECTION A-A
MIX ANCHORAGE
SCALE 1:25
VERY IMPORTANT REFERENCE POINT
SECTION C-C
SCALE 1:20
1 Detail - N°4 pcs.
N°4 Plate 100x8 L=200
F02 MINI / R
SCALE 1:50
N°36 RACKS for 8000 tiles (Manual Loading) = 223 tiles x 36 racks = 8028 tiles
AREA AVAILABLE FOR FUTURE CHAMBER EXPANSION
START CHAMBER
FAN HEATER
RACKS FOR TILES
FORK LIFT
Diesel tank
BOILER ROOM
WOODEN PALLETS FOR DRY TILES
MANUAL PACKAGING
FROM CURING
DRY TILE UNLOADING
TO CURING
WET TILE LOADING
OILER
UNO1000
(ACRYLIC J1.1- OPTIONAL)
DEPALLETING SYSTEM and FLOW INVERTER
ALLUMINIUM PALLET
RACKS FOR RIDGE
MINI/R
CONTROL PANEL
MAIN DISTRIBUTION BOARD OF THE BUILDING
Starting from your factory main switch board, you must arrive with the cable of the main supply directly under the "Q1", "Q2", etc... (power and control panels)
AIR COMPRESSOR
CEMENT BAGS STOCK
PIGMENT IN BAGS
AUTOMATIC MIXER
CEMENT SILO
PROTECTION WALL 1.5m high
SAND
SAND
Internal walls with insulating panels 50 mm thickness
Concrete slab inside building and curing chambers = 150 mm
To anchor the mixer, weld the structure on the "1" anchoring plates
MIX FEEDING CONVEYOR
PIVOTING SAND SCRAPER
SHED
NOTE: It is advisable to lay slab under the sand scraper area with a fall (slope) in it in order to convey excess water toward the outside of the building.
Slope 2%
HT20 RACKER-DERACKER - OPTIONAL
DERACKER
RACKER
SCALE 1:200
H.3 PREFABRICATED RACK 300 tiles each
SCALE 1:50
5 bays x 22 high x 2 deep = 220 tiles MANUAL LOADING
5 bays x 30 high x 2 deep = 300 tiles AUTOMATIC LOADING
LATERAL VIEW
CONVEYOR FOR MANUAL PACKAGING
DEPALLETING SYSTEM and FLOW INVERTER
OILER
TILE EXTRUDER UNO1000
CONVEYOR FOR WET TILES
(ACRYLIC OPTIONAL)
B20 ROOF TILE MANUFACTURING EQUIPMENT
CUTTING EQUIPMENT
EXTRUSION HEAD
PALLET FLOW
EXTRUDER VORTEX UNO 20
TOOLS FOR MAINTENANCE
INSTRUMENT FOR EXTRUDER SET-UP
Q... POWER AND CONTROL PANELS
POINTS TO BE CONNECTED TO THE MAIN DISTRIBUTION BOARD OF THE BUILDING
POINTS TO BE CONNECTED BY 1" FLEXIBLE PLASTIC PIPE TO THE WATER SUPPLY
AIR UTILIZATION 1/2" PIPE WITH VALVE
Vortex Hydra srl
Cliente/ Customer
Titolo/ title
VORTEX UNO 20
General lay-out
Fgl. / Sheet 1/1
Scala/Scale 1:50
A00
Disegno / Drawing VORTEXUNO20
Commessa/Order.
Disegnatore/Draftsman Pigozzi G.
Data/Date 06/07/2018
Controllato/Checked
Data/Date
Approvato/Approved Ing. Merli L.
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