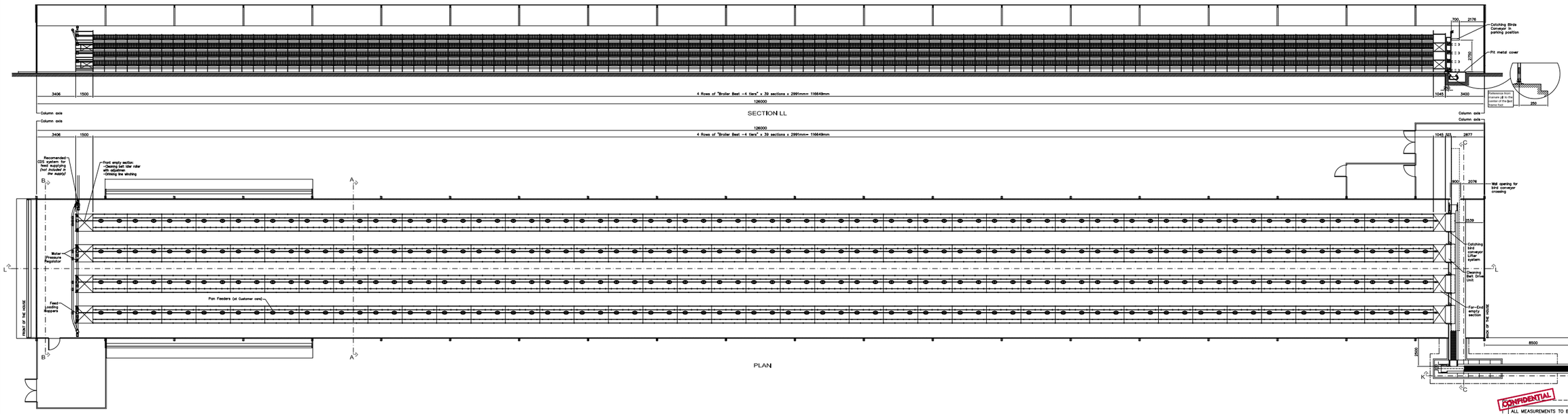
700
2176
Catching Birds Conveyor in parking position
Pit metal cover
2750
3406
1500
4 Rows of "Broiler Best –4 tiers" x 39 sections x 2991mm= 116649mm.
126000
1045
220
3400
References from manure pit to the center of the first fixing bolt
250
Column axis
Column axis
SECTION LL
Recomended CDS system for feed supplying (not included in the supply)
Front empty section -Cleaning belt idler roller with adjustmen -Utilizing line winching
Wall opening for bird conveyor crossing
900
2076
2877
3539
Water Pressure Regulator
Catching bird conveyor Lifter system
Cleaning Belt Drive Unit
Feed-Loading Hoppers
Pan Feeders (at Customer care)
For-End empty section
FRONT OF THE HOUSE
BACK OF THE HOUSE
8500
2700
2500
K
C
PLAN
Teeth for metal pit cover placements
60
1500
1650
3150
SECTION EE
Pit for Manure Belt Conveyor Inside the House
SCALE 1:50
Wall opening for bird conveyor crossing
Column axis
900
2076
0.00
300
Suspended floor drainage slope 1%
13950
Teeth for manure pit cover placements
1200
1000
1850
1450
2200
350
350
350
350
2000
950
950
950
5850
CONCRETE WORKS PLAN
Recomended CDS system for feed supplying (not included in the supply)
From feed bin
4500
SECTION BB
Suggested CDS system for feed supplying
Pan Feeders
Loading Hopper (at Customer care)
CONVEYOR Type: TP98
680 End
L=12500
540 Drive
Belt= (Lx2) + 2200mm
Standard Frame L= 5 sections x 2500
1500 Open + 11000 Covered
Sloped Belt Conveyor for Manure
Concrete raised to avoid flooding
Cross Belt Conveyor for Manure
Load 700Kg
3780
2700 Min
1300
1500
1500
1500
1500
1500
1500
460
460
460
460
3000
950
950
950
950
5800
10000
Concrete Pad Foundation have to be made by the Customer according the local rules and regulations
PERIMETRAL SAFETY FENCING
The customer is obliged to install an safety protection around the external conveyors
To ensure that all moving parts of the conveyors/elevators are out of reach. Fencing must:
- Minimum 0.5mts from the conveyor sides
and 1.6mts from the ground level (EN 294, 4.2).
- Minimum height under the elevator 2.5mts.
(EN 294, 4.2).
SECTION KK
CONVEYOR Type: TP98
540 Drive
L=13000
680 End
Belt= (Lx2) + 2200mm
Standard Frame L= 6 sections x 2500
1 sections x 1500
10500 Open + 2500 Covered
1600mm
Water Proofing Roof (At Customer Charge)
Roll Opening
Catching Birds Conveyor Horizontal L=10000 Sloped L=5000
2500
2200
2000
1500
1950
1077
1855
809
1855
809
1855
809
1855
1077
12000
4450
27° Maximum Slope in parking mode
27° Maximum Slope in parking position
SECTION CC
Pan Feeders (Not included in the supply)
Removable Floor
400
250
Net Curtains (Not included in the supply) (Varies by Farms)
Cage to Cage
1252
1504
1160
1504
1160
1504
1160
1504
1252
2004
2664
2664
2664
2004
12000
382
382
3226
3226
Laser Alignment from the center of the shed to external side of foot
SECTION AA
VALLI
LONGITUDINAL PROFILE CENTER TO CENTER DIST. 2991mm
15
45°
P
Cast iron
BROILER BEST
TOUCHING FOOT AREA = appx. 30
P = LOADS ANALYSIS
TOTAL MAXIMUM WEIGHT GIVEN FROM SINGLE CAGE POST
- EQUIPMENT
- BIRDS
- MANURE
- EXTRAS LOADS (h=7-8 tiers)
1 tiers 70
2 tiers 140
3 tiers 210
4 tiers 280
5 tiers 350
6 tiers 420
7 tiers 490
8 tiers 560
(*) = with Catwalk
CONFIDENTIAL
ALL MEASUREMENTS TO BE CHECKED BY THE CUSTOMER
THE CUSTOMER IS TO SIGN THIS DRAWING WHERE INDICATED, AND RETURN IT TO THE COMPANY AT THE ADDRESS SHOWN, TO INDICATE ACCEPTANCE OF ALL DETAILS, MEASUREMENTS AND SPECIFICATIONS CONTAINED HEREIN. IN THE ABSENCE OF SUCH SIGNATURE AND RETURN, ANY FURTHER DEALINGS BETWEEN THE CUSTOMER AND THE COMPANY WILL BE BASED ON THE DETAILS, MEASUREMENTS AND SPECIFICATIONS SHOWN ON THE PRESENT DRAWING.
Company Stamp and Customer's Signature for acceptance
Please return by e-mail the window outlined
Drawing not to scale.
Where not expressly dimensioned the represented sizes are only indicative and not binding
Any details in the present design may appear as in contrast or in contradiction with other information and / or measurements in the same, do not allow any people operating in the installation of the equipment, to undertake arbitrary and operative choices in order to solve any eventual problem, without having previously consulted with VALLI SpA staff.
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VALLI
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info@valli-italy.com - www.valli-italy.com
Colony Model: Broiler Best –4 tiers
Total Colonies: 624 per House
Total Capacity: 81120 birds per House
Feeding System: Pan Feeders
Egg Collection: --
Broiler House
Philippines
Date: 20.10.2023
0 Revision Date: --
1 Revision Date: --
2 Revision Date: --
3 Revision Date: --
4 Revision Date: --
Scale: 1:100
Ref. Drg.: --
DRG.: CL.2347
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