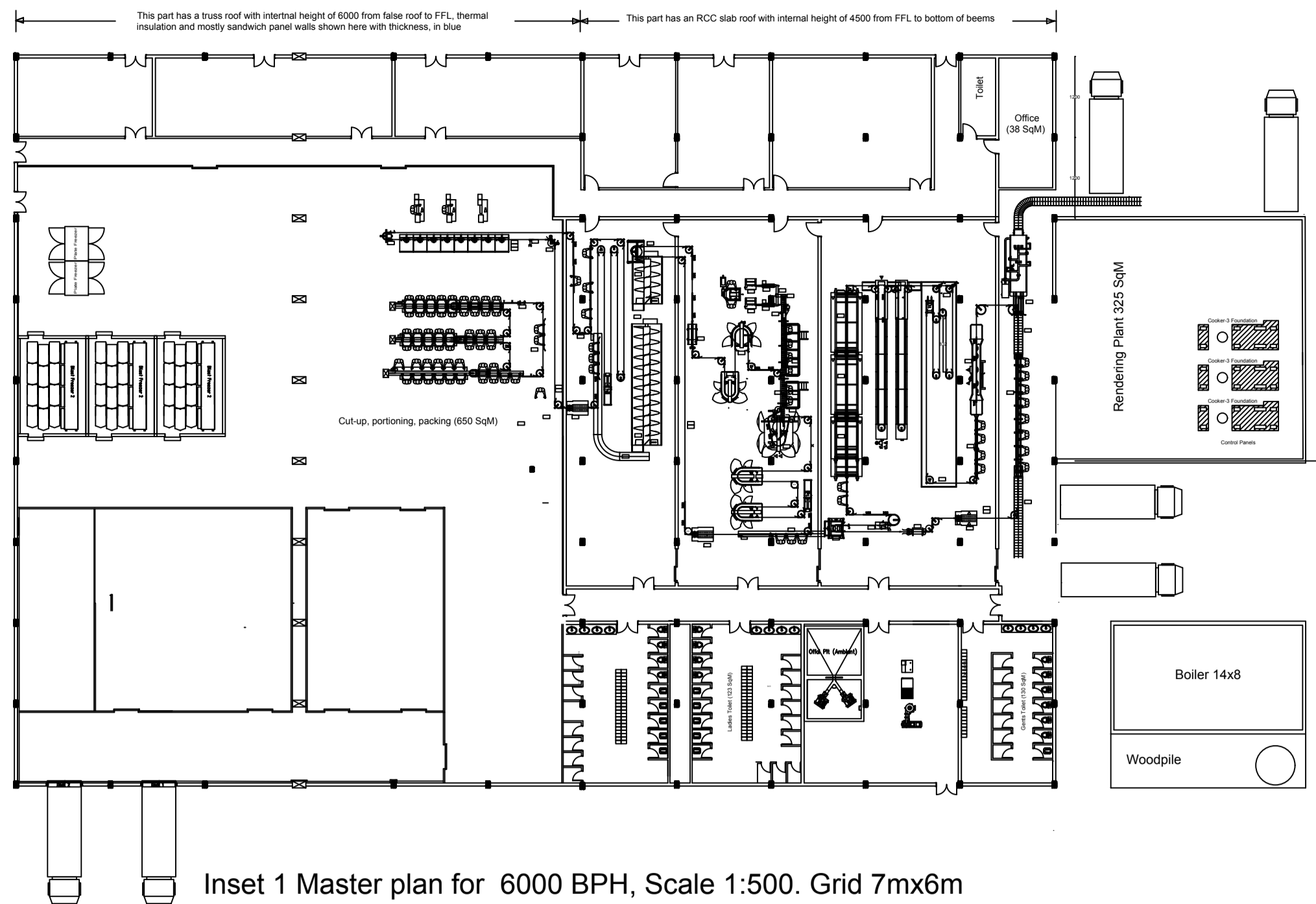


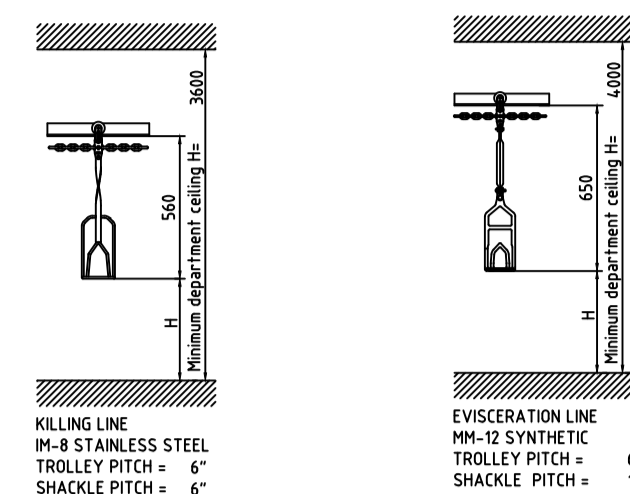
A A



Constructed areas at 6000 BPH  
Total plinth area 4173 SqM.  
4174-2299=1875 SqM with RCC  
slab roof at 4.5m above FFL  
Primary processing area with  
workers rest rooms etc is 1875 SqM

#### DEFEATHERING DEPARTMENT

- 80A - Steel Construction - (Local Supply)
- 801 - Overhead Conveyor L = ± 75 m.
- 802 - Bleeding Time: 165 sec.
- 803 - Scalding Time: 116 sec.
- 804 - Water Bath Stunner
- 805 - Bird Counter, Mechanical
- 806 - Bleeding Trough - (Local Supply)
- 808 - Jet Stream Scalders - 2 Sections
- 810 - Plucker - JM64
- 821 - Head Puller, Linear - Single
- 822 - Hook Cutter
- 823 - Hook Unloader - Linear
- 824 - Shackle Washer
- 825 - Control Panel (Local Supply)
- 826 - Satellite Panel (Local Supply)



#### ARRIVAL DEPARTMENT - CRATE SYSTEM

- A01 - Crate Washer (Local Supply)
- A02 - Roller Conveyor 400mm (Local Supply)
- A03 - Roller Conveyor 90° (Local Supply)
- A04 - Roller Conveyor 90mm (Local Supply)
- A05 - Plastic Chain Conveyor 3 ft. x 10' (VLT)
- A06 - Roller Conveyor 400mm (Local Supply)
- A07 - Roller Conveyor 90° (Local Supply)
- A08 - Roller Conveyor 800mm (Local Supply)
- A09 - Satellite Panel (Local Supply)
- A10 - To be Determined

#### DEFEATHERING DEPARTMENT

- 80A - Steel Construction (Local Supply)
- 801 - Overhead Conveyor L = ± 122 m at 6000 BPH
- 802 - Bleeding Time: 165 sec at 6000 BPH
- 803 - Scalding Time: 116 sec at 6000 BPH
- 804 - Quail Type Water Bath Stunner Model 81
- 805 - Bleeding Trough (Local Supply)
- 806 - Jet Stream Scalders (For 4000 BPH)
- 807 - Jet Stream Scalders (Additional for 8000 BPH)
- 808 - Plucker JM64 (For 4000 BPH)
- 809 - Plucker JM64 (For 4000 BPH)
- 810 - Head Puller, Linear (For 4000 BPH)
- 811 - Head Unloader, Circular (For 8000 BPH)
- 812 - Hook Cutter, Single
- 813 - Head Puller, Single
- 814 - Shackle Washer
- 815 - Control Panel (Loc. Additional capacity) 4200 mm
- 817 - Satellite Panel - (Location to be determined)

#### EVISERATION DEPARTMENT

- C0A - Steel Construction (Local Supply)
- C01 - Overhead Conveyor L = ± 150 m
- C02 - Raising Belt Conveyor Length (Local Supply)
- C03 - Venturi Cutter ECP - 8 Units
- C04 - Masters Eviscerator - 12 Units
- C05 - Opening Machine Slicer Type ECP - 8 Units
- C06 - High Pressure Pump
- C07 - Flat Conveyor With Serrated Grits (Capacity 8 ft)
- C08 - Package Preparation Platform 1 Ft (Local Supply)
- C09 - Head Line Separator - One Knife
- C10 - Chute (Local Supply)
- C11 - Chute (Local Supply)
- C12 - Chute for Packed With Circuits
- C13 - 200mm Precision Cutter
- C14 - 200mm Precision Cutter
- C15 - Gizzard Chopping Table - Single
- C16 - Gizzard Pump
- C17 - Gizzard Pump
- C18 - Gizzard Pump
- C19 - Gizzard Pump
- C20 - Gizzard Pump
- C21 - Gizzard Pump
- C22 - Control Panel (Loc. Additional capacity) 4200 mm
- C23 - Satellite Panel - (Location to be determined)
- C24 - Vent Knife Sharpener (Not Shown)

#### CHILLING DEPARTMENT

- D01 - Screw Chiller 2100 - 3.5 m
- D02 - Screw Chiller 2100 - 3.5 m
- D03 - Screw Chiller Connecting Chute - 600 mm - 1 Ft
- D04 - Future Expansion
- D05 - Future Expansion
- D06 - Control Panel - 1200 mm

#### WEIGHING DEPARTMENT

- E0A - Steel Construction - (Local Supply)
- E01 - Overhead Conveyor L = ± 10 m
- E02 - Disposing Time 8 hrs. 180 sec
- E03 - Raising Material Conveyor - (Local Supply)
- E04 - Line Weigher - 4 Units
- E05 - Line Cleaner - 80'
- E06 - Shackle Washer
- E07 - Product Sensor - 1 Ft
- E08 - Disp Station - 4 Pcs
- E09 - Air Distribution Type - 10 Pcs (Local Supply)
- E10 - Bleeding pit - 1800 mm
- E11 - Control Panel 180 x 180 mm
- E12 - Control Panel 180 x 180 mm
- E13 - Satellite Panel - (Location to be determined)

#### CUT UP DEPARTMENT - MANUAL

- F01 - Steel Construction - (Local Supply)
- F02 - Overhead Conveyor L = ± 20 m
- F03 - Product Conveyors - (Local Supply) 2x5000mm, 1x4000mm
- F04 - Line Chiller
- F05 - Cut-up Tables - (Local Supply)

#### DEBONING DEPARTMENT

- L01 - Cone Deboner - 6.8 m

#### DETAIL DEPARTMENT

- H01 - Feather Strip Pump
- H02 - Feather Oil Pump - (Installed Spare)
- H03 - Vacuum Pump System (Local Supply)
- H04 - Compressed Air System (Local Supply)
- H05 - Storage Tank for Water (Local Supply)
- H06 - Steam System - 1.5 m - 1 Ft (In rendering building)
- H07 - Control Panel - (Location to be determined)

#### INSET 1 Legend

2500 BPH LEAP plant under steel roof on trusses, false ceiling at 6m above FFL, Scale 1:100. Grid 7mx6m. This building sits on a plinth of 1200mm. Total plinth area 2299 SqM. False ceiling of frozen stores is at +8000. Offal pit is extra, under a lean-to roof. panel walls, Primary processing area 418 SqM. Cut-up deboning and packing 570 SqM. Chill store 83 SqM, frozen store 219+150 =369 SqM (260 tonnes) Dispatch bay 137 SqM. Packing materials store 78 SqM. Returned crates wash 65 SqM. The rendering plant is to be built as shown in Inset 1



Alok's Poultry Technology Pvt Ltd, 282 Power Officers' Society, Omega 1, Greater Noida 201310 INDIA. T +91 98110 49914 www.aptec.in alok@aptec.in

#### Revisions

Revisions

Capacity: 2500/6000BPH

Drawn by: Alok Raj

Scale: 1:100

Date created: 24/8/22

Date last saved

Material:

Title: General Arrangement of LEAP

Plant of 2500 BPH Capacity With

Separate Killing & Evisceration Lines,

Expandable to 6000 BPH

Drawing no.: GA 20.04.03

Correct Print Dimensions are 594 x 424 (A2)

Prepared using APTEC's CAD system.

B B