



DELHI AGROCOOL PVT. LTD.

Regd. Office : Shop no. 22, B-1 Community Centre, Janak Puri, New Delhi- 110058
Ph. : 91-11-25547039 E-mail : delhiagrocool@gmail.com



Management

Director's name : Devendra K Bansal

Age : 75 years

Qualification : MSc

Designation / responsibilities: Managing Director/Overall management

Director's name : Neeru Khanna

Age : 51 years

Qualification : BA

Designation / responsibilities: Director/Administration

Site Details

Address of the site visited: Narela Pio Maniyari Road, Kundli, Sonapat – 131 001, Haryana (Delhi Border)

Size of premises : 1,745.19 square metres

Number of employees at the location : 10 Nos.

Locality : Industrial

Location area : Urban

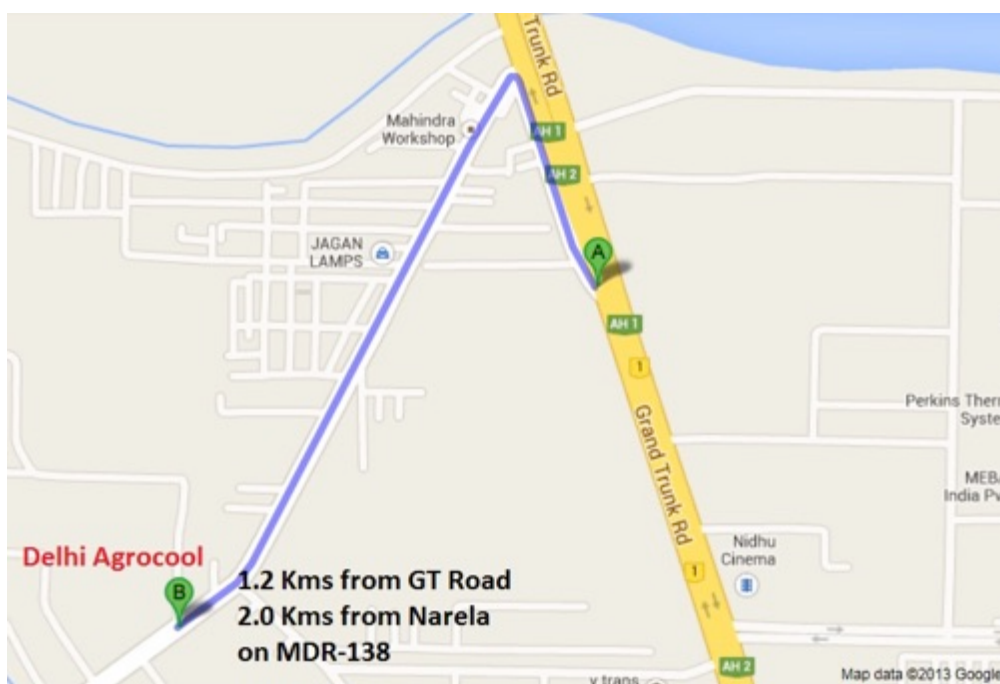
Site location : On Main road to Narela

Site used as : Cold Storage, Banana Ripening & Pack House

Site layout : Spacious and well organised

Proximity to NH-1 : 1.20 kilometre (km) from NH-1.

Proximity from Narela (Delhi) : 2.00 km away from Narela, Delhi



Cold storage unit

- The company has set up a modernised cold storage unit with multiple chambers to store horticulture produce.
- The cold storage unit adheres to requirements for temperature, relative humidity and atmosphere, protection from odour, and sensitivity to other gases such as ethylene.
- The cold storage unit has eight chambers with a total storage capacity of 5,329 metric tonnes (MT) of produce.

Banana ripening unit

- The company has also set up a banana ripening unit to supply quality bananas in the domestic market.
- The banana ripening unit has four chambers with a total storage capacity of 138 MT.

Infrastructure & Utilities

Plant and machinery:

- The company has put up both Ammonia & Freon based Refrigeration systems to take care of variety of storage requirements. Stocks requiring different temperatures, air flow & humidity conditions.
- The cold storage can store all types of Fruits, Vegetables, Spices, Grains, Seeds, Pulses, Milk products, Medicines etc.
- The Company has installed imported compressors for both Ammonia & Freon based refrigeration system. For Ammonia Japanese Mayekawa compressors and for Freon USA's Emerson compressor have been installed.
- Every chamber has 100% redundancy. If one unit fails second one can take care of the entire cooling requirements of the produce.
- The company has outsourced servicing of the plant and machinery to Controlled Atmospheric Technologies (CAT) under an annual maintenance contract.
- The entire erection and commissioning of the machinery has been done under norms prescribed by National Horticulture Board.

Power

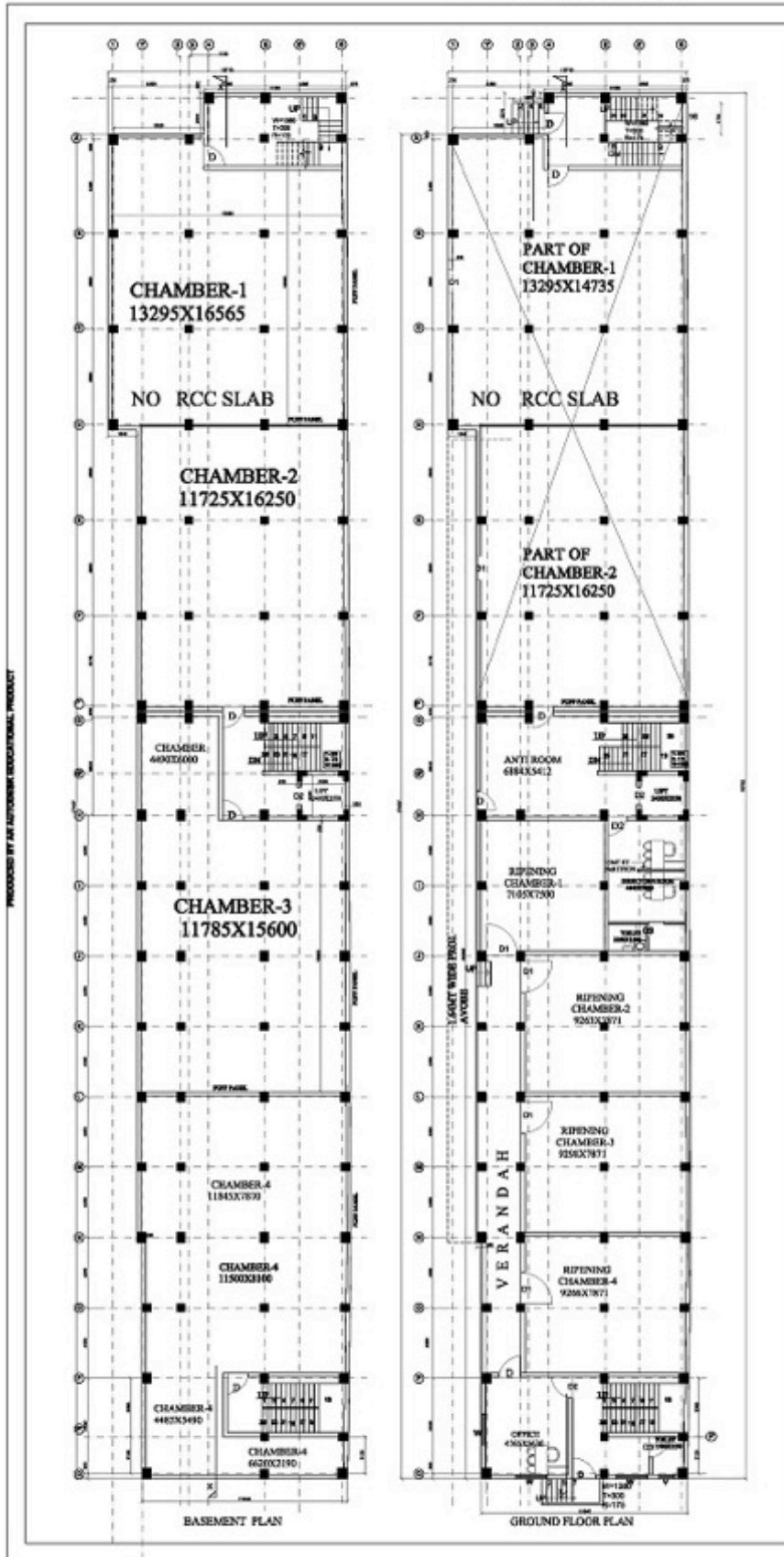
- The company has installed 250 kilowatt of connection load for the cold storage unit and banana ripening unit respectively with ABB transformer
- The company has also installed a Caterpillar diesel generator (DG) set of 250 KVA for back up

Licenses

The company has acquired clearances from the following authorities:

- Pollution Control Board NOC
- Fire NOC
- FSSAI License
- DIC License
- Occupation Certificate from DTP
- Export/Import License
- VAT registration
- TAN registration
- Approval from APEDA as Merchant Exporter





NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. THE DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS & SERVICES ENG. AND SPECIFICATIONS.
3. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED. METERS THE BASIS SHALL BE COUNTED NOT THE DIMENSIONS SCALED FROM DRAWINGS.
4. AUTHOR FOR CONSTRUCTION PURPOSES SHALL CONFORM TO IS/ASTM STANDARD IS: 456-2006.
5. REINFORCED CONCRETE SHALL BE DESIGN M30-35 CONFORMING TO IS: 456-2006. STONE AGGREGATE SHALL BE 20 mm NOMINAL SIZE.
6. ALL STEEL REINFORCEMENT SHALL BE OF IMI TYPE CONFORMING TO IS: 1786 AND TENSILE STRENGTH YIELD STRENGTH OF 415N/MM².
7. LAP LENGTH/TORSION/SPREAD LENGTH FOR REINFORCEMENT BARS AS PER IS: 456-2006 SHALL BE AT LEAST 4x DIA OF BAR FOR 90° BENDS. LAPS SHALL BE STAGGERED AND AWAY FROM THE POINT OF MAXIMUM BENDING MOMENT.
8. CLEAR COVER FOR:-
FOUNDATION - 50mm, COLUMNS - 40mm
BEAM - 25mm, SLAB - 20/15mm
9. LAP SHOULD NOT BE PROVIDED IN BEAM -
a) WITHIN A JOINT
b) WITHIN A DISTANCE 2 x FROM JOINT FACE.
c) WITHIN A DISTANCE x LENGTH OF MEMBER FROM THE JOINT FACE.
10. TOP MORE THAN 50% OF BAR SHALL BE SPACED AT 100mm.
11. THE REINFORCEMENT DETAILING SHALL BE AS PER IS: 13920.
12. CONSTRUCTION JOINT SHALL BE MADE VERTICAL BY PROPER TEMPLATE WITH SLOTS FOR ACCOMMODATING REINFORCEMENT BARS. THE JOINT SHALL BE TIED BY APPROXIMATELY WITH IS: 11817.
13. THE CONSTRUCTION JOINT SHALL BE PLANNED AND APPROVED BY THE ENGINEER IN CHARGE. BUT IT SHALL NOT BE PROVIDED IN BEAM JOINT.
14. NET SAFE BEARING CAPACITY IS 1/100 AT 15% DPTH BELOW G.L.L.
OFFICE FLOOR DESIGN FOR FOR 84+5 FLOORS USE LOAD 500kg/SM² ON GROUND FLOOR & 300kg/SM² FROM SECOND FLOOR ROOF
15. JOINT SHALL BE AT A DISTANCE OF 3.05m FROM FACE OF COLUMNS OF BEAMS WHERE IT IS THE EPICENTRE SPAN OF SLAB.
16. REFER DRAWING NO. BT-02 FOR COLUMN REINFORCEMENT DETAIL.
17. REFER DRAWING NO. BT-03 FOR SECTION AND R.E.C. WALL REINFORCEMENT DETAIL.

AREA DETAIL AS PER SITE
 TOTAL COVD AREA ON BASEMENT = 86.23X2.55 + 13.76X17.095 + 12.18X47.47 + 11.03X13.56 + 1.34X1.80 + 998.4250M.50M.
 TOTAL COVD AREA ON GROUND FLOOR = 8.22X2.55 + 13.76X17.095 + 12.18X47.47 + 11.03X13.56 + 986.1450M.50M.
 TOTAL COVD AREA ON FIRST FLOOR = 7.45X6.742 + 45.5050CM.
 TOTAL COVD AREA ON SECOND FLOOR = 7.45X6.742 + 45.5050CM.
 TOTAL COVD AREA ON THIRD FLOOR = 7.45X6.742 + 45.5050CM.
 TOTAL COVD AREA ON FOURTH FLOOR = 7.45X6.742 + 45.5050CM.
 TOTAL COVD AREA ON ALL FLOOR = 598.62 + 956.144 + (46.55) = 2180.7650M.

JOINERY DETAIL

W=1800X1800
 D2=1100X2740
 D3=750X2100
 V=450X450



NOTE:
 DOORS AND WINDOWS OF COLD STORE
 A/S PER PUFF PANEL
 SUPPLIER SPECIFICATION

REVISION	DATE	DESCRIPTIONS
R2	23/11/2012	COLUMN SIZE & REINFORCEMENT REVISED AS PER REQUIREMENT OF AIR CONDITIONING VENTILATOR
R1	08/11/2012	COLUMN SIZE D111 & FOUNDATION STEEL REVISED DUE TO USE OF 14-500 STEEL.

FIRM NAME AND ADDRESS:-
 ARCHITECT
AGGARWAL & ASSOCIATES
 SECOND FLOOR, GATEWAY TOWER,
 SECTOR - 11, SONIPAT-131001
 PH-09612040120, 09612425120
 E.MAIL-
 aggarwalassociates_rishabh@yahoo.co.in

Project
 PROPOSED WORKING PLAN OF INDUSTRIAL UNIT ON KH. No. 45/22/21A/1, 22/21A/2, 22/21A/1, 23/11/1, 32/1/2/1A/1, 2/21A/2, 2/21A/3, 3/2/1, 3/2/2, 3/3/1 ATVELL - KUNDLI, DISTT. - SONIPAT FOR - M/S. DELHI AGROCOOL PVT. LTD.

JOB TITLE:-
 WORKING PLAN
DATE:-
 06-03-2013
SCALE:-
 NTS





