

## Presentation for Food Industry





## Agenda

### Who we are - Company Profile

- Complete Design
- Full Responsibility
- Design Guarantee

### Our Services

- Preliminary Design
- Detailed Design
- Project Management
- Project Management of Special Equipment
- Commissioning Management

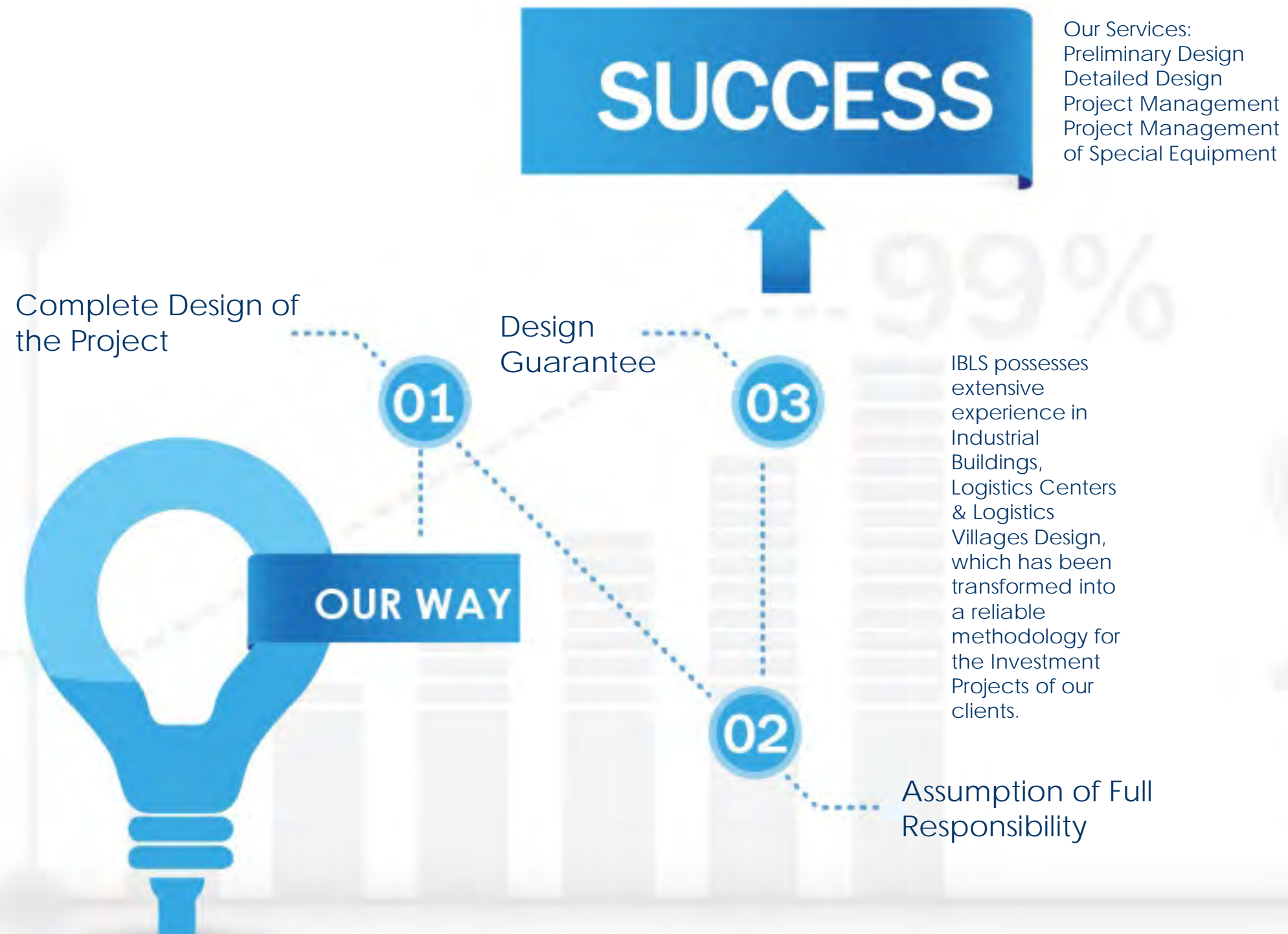
### Our Team

### Our Certificate

### Our Clients

### Reference Projects

# Company Profile *Who we are...*





# Company Profile *Who we are....*

**ibls** has acquired **extensive experience** in Industrial Buildings, Logistics Centers & Logistics Villages Design, which has been transformed into a reliable methodology for the Investment Projects of our clients.

**We** can provide **Complete Solutions** for the **Design, Procurement** and **Project Management** of Logistics & Industrial Development Projects.

IBLS has built **long term relationships** with key Clients, through Experience, Skill, **Team work**.

We have recently completed projects in **South Europe, Qatar & Saudi Arabia**

Concerning

Logistics Warehouses

Logistics Villages

Industrial Buildings

Commercial Buildings





# Company Profile *Who we are...*

**ibls** possesses the methodology and experience for the **design** and the **installation / construction** of food processing facilities:

Fruit & Vegetable



Dairy



Poultry



Meat



Fish



Bakery



Juice



Logistics





# Company Profile *Who we are....*

**ibls** possesses the methodology and experience for the **design** and the **installation / construction** of special facilities.

Logistics Automation  
Systems



Production Lines  
in Food Industries



Industrial Refrigeration  
Systems



HVAC Systems



Slab on Grade, Super  
Flat Floors



ESFR Systems  
(Early Suppression, Fast Response Sprinklers)

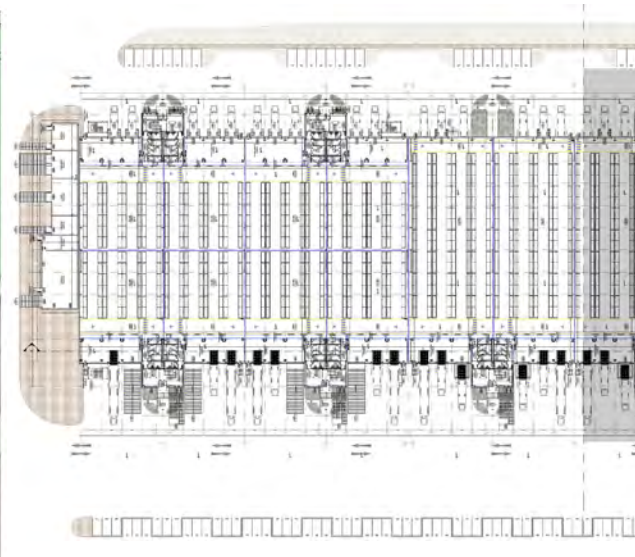
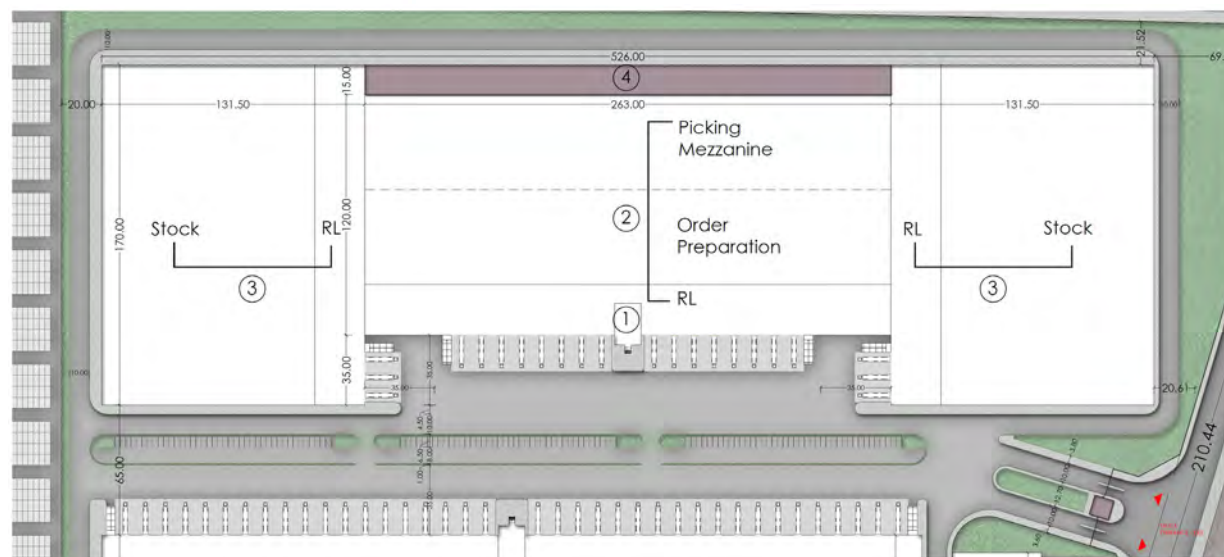


Special Equipment





1. Requirement Analysis
2. Building Concept
3. Master Plan
4. Activities & Equipment





The best possible **understanding of the client's needs**, the systematic **mapping** of the current and the anticipation of any future requirements, as well as the incorporation of the works into the general context of **modern techniques and solutions** constitute a presupposition for success:

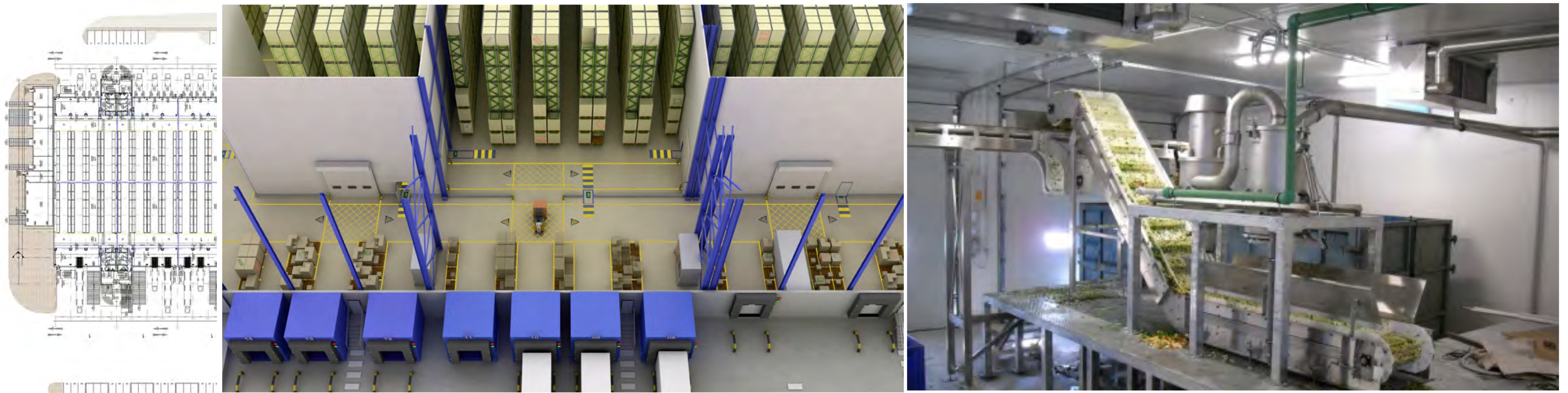
Proper design takes place **from the inside out**; from the **Product & SKU** and the current **activities** on the **Production & Stock** inside the building.



For this reason, IBLS begins each Project with the **Diagnostic Study & Requirement Analysis** (Stock Data Organization & Analysis, Production & Storage Calculation Model) to conclude on the proposed operational arrangements and the Building Concept.

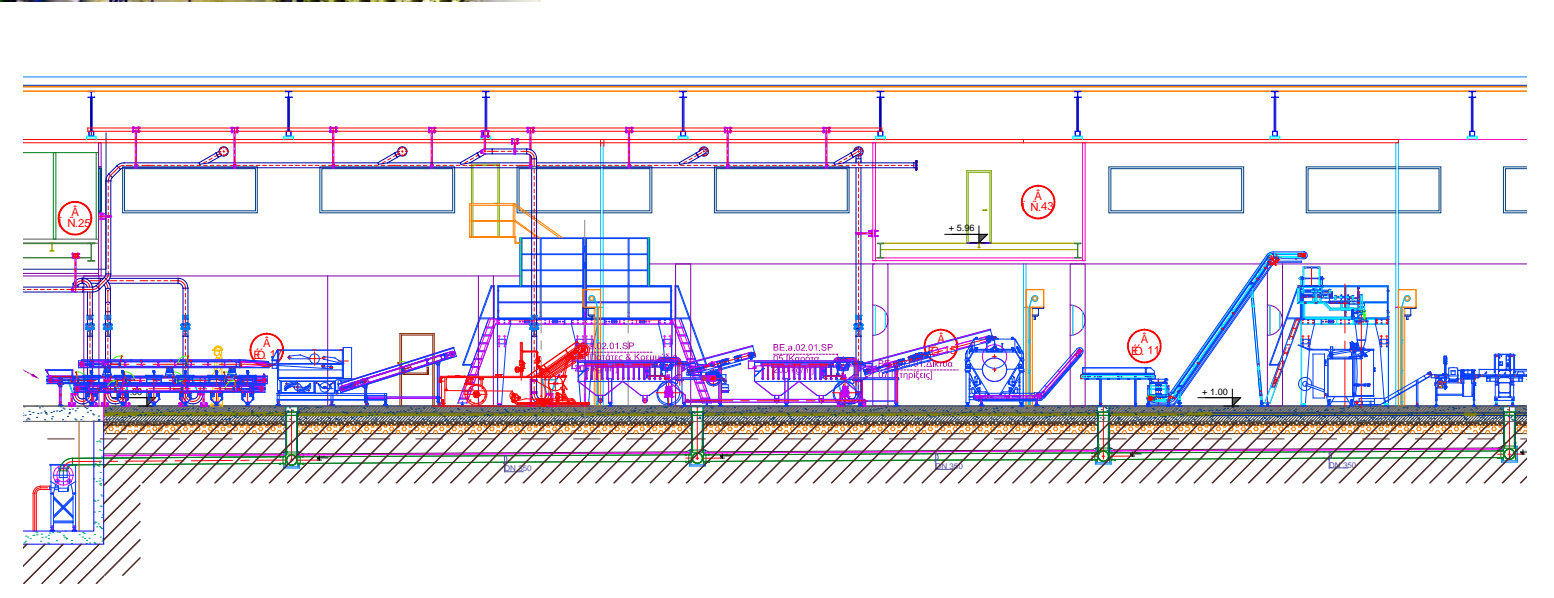
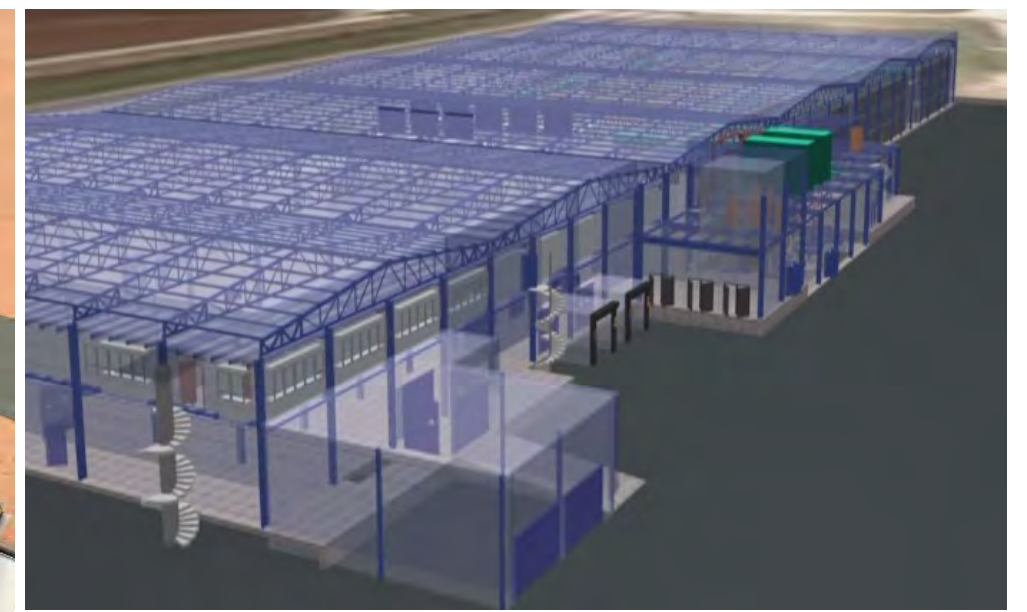
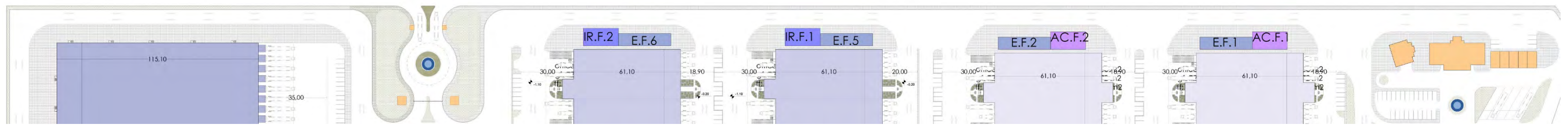
The building under design shall adapt to the **current stock & production needs and not vice versa**. Such requirements relate to the following:

- Maximum Storage volume of building
- Optimum flow of goods in the production process
- Flexibility of racking arrangement with variable aisle positions
- Size flexibility of all functional areas (RL, Cross Docking Area, Added Value Area)





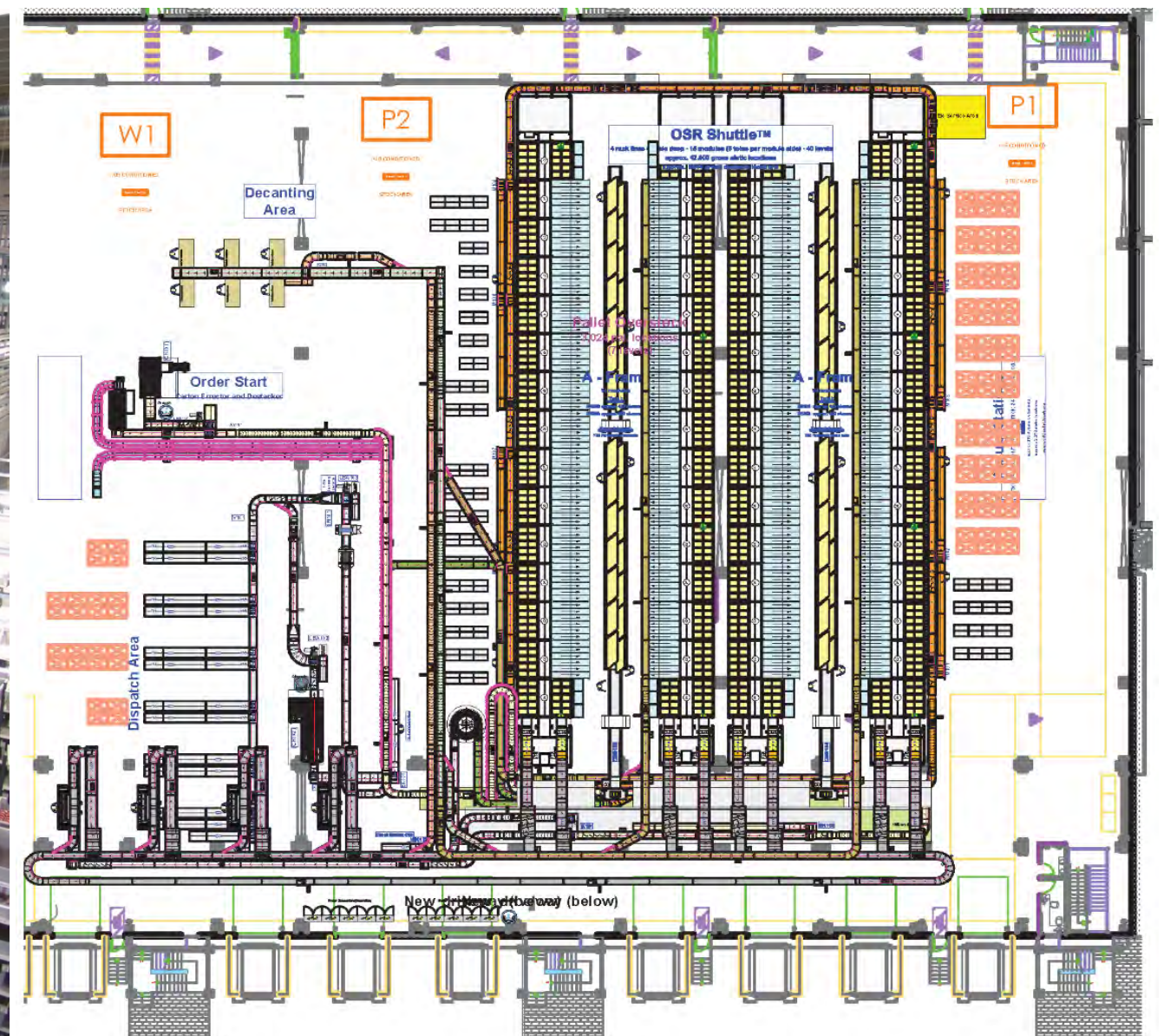
Design includes **full utilization of available terrain** and construction of the project in phases, in order for a possible future plant expansion to be optimum from a financial, technical and operational point of view.





Presentation and **selection** among the most up to date **methods and equipment** in **Logistics Center operation**:

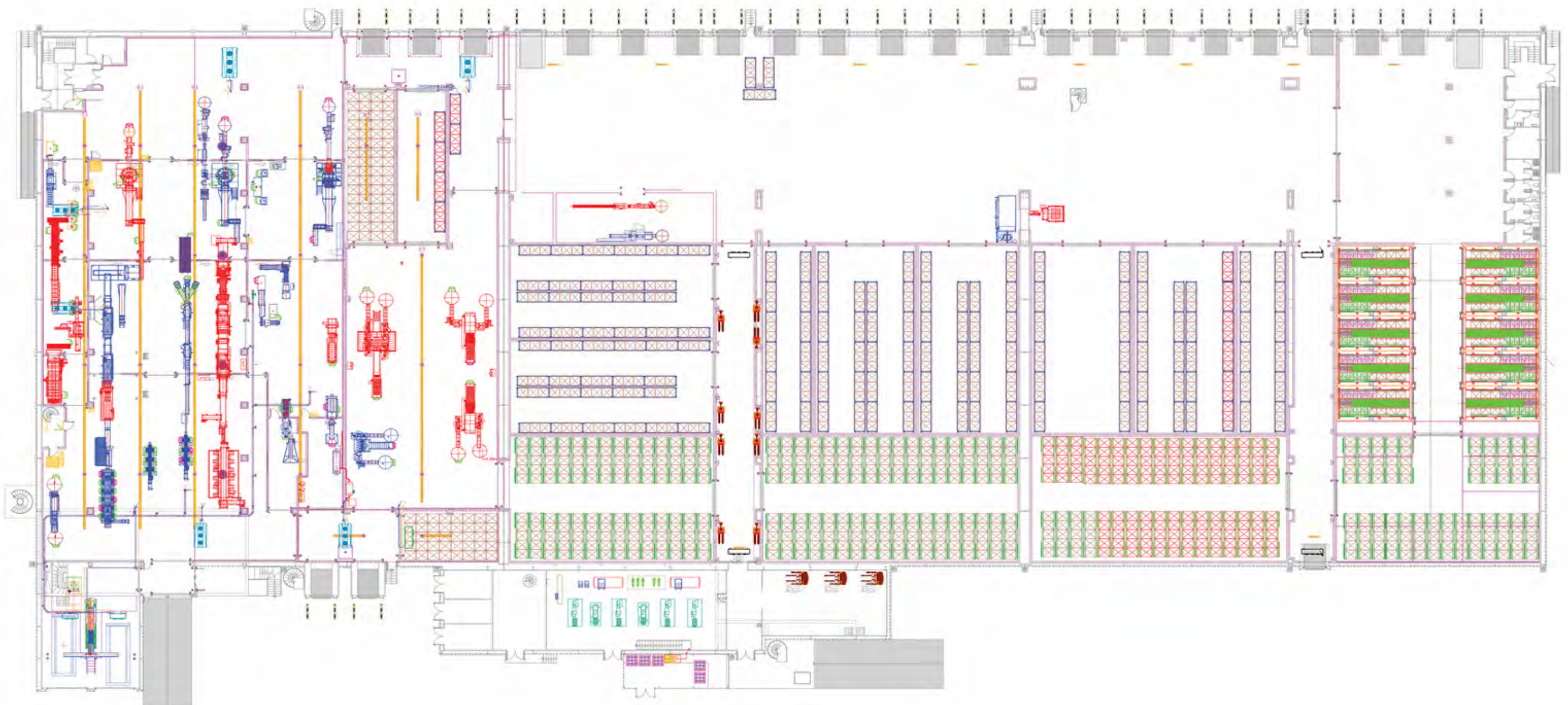
- Racks
- Material Handling Equipment
- Automations Systems and
- Warehouse Management Systems & Activities





## Presentation and **selection** among the most up to date **methods and equipment in Food Industries:**

- Production Equipment
- Solid Waste Management Equipment
- Liquid Waste Management & Biological Treatment Equipment



Proper design is accompanied by the assumption of responsibility for all installation studies, along with budgeting and licensing of the project, as well as construction supervision up to the delivery and operation of the project by the client:

- ✓ **Responsibility Assumption by a single Manager** regarding communication with the client for all technical, economical and operational issues that may arise
- ✓ **Management Information System** regarding administration and support of the design, the communications protocol and quality assurance (**QA/QC**)



# Management Information System of **ibls**

## Summary of Engineer / Document Pending

Analysis FrameWork [RED]

File Summary Companies Library Templates Protocols Resource Management Business Plan Administrator

Summary Companies List Library Template Services Protocols -Projects 51101 INTERNATIONAL LOGIS 51100 WPL INFRASTRUCTURE

SUMMARY OF 311 - MANOLAS IOANNIS

DOCUMENTS PENDING ISSUES RUNNING MANAGEMENT INFORMING

Communication Card New

Co...	RC	Date	Protocol	Pr.No	Operator	In/Out	Settlement	From / To	Person	ComConcerns	Com Folder
27059		12/6/2014	C.511 - WPL - WAREHOUSING PROJECTS & LOG...	301	311 - MANOLAS IOANNIS	OUT	51101 - INTERNATIONAL LOGISTICS CE...	YOUSSEF MAROON CONT Co.	SALES MANAGER	INVITATION TO PARTICIPATE	
27058		12/6/2014	C.511 - WPL - WAREHOUSING PROJECTS & LOG...	300	311 - MANOLAS IOANNIS	OUT	51101 - INTERNATIONAL LOGISTICS CE...	ZAMIL STEEL HOLDING Co. LTD	SAMIR ALY MOHAMED	INVITATION TO PARTICIPATE	
27056		12/6/2014	C.511 - WPL - WAREHOUSING PROJECTS & LOG...	299	311 - MANOLAS IOANNIS	OUT	51101 - INTERNATIONAL LOGISTICS CE...	SAUDI CYPRIAN CONSTRUCTION...	SALES MANAGER	INVITATION TO PARTICIPATE	
27055		12/6/2014	C.511 - WPL - WAREHOUSING PROJECTS & LOG...	298	311 - MANOLAS IOANNIS	OUT	51101 - INTERNATIONAL LOGISTICS CE...	AMANA Riyadh	HAITHAM RADWAN	INVITATION TO PARTICIPATE	
27011		7/6/2014	C.511 - WPL - WAREHOUSING PROJECTS & LOG...	282	311 - MANOLAS IOANNIS	OUT	51101 - INTERNATIONAL LOGISTICS CE...	WPL - WAREHOUSING PROJECTS...	MANSOOR AL SUBAIE ABDULAZIZ	Invitation to Participate - Main Contractors	
26223		25/2/2014	D.002 - ΔΙΟΙΚΗΤΙΚΟ ΖΥΜΒΟΥΑΙΟ (ΔΙΟΙΚΗΣΗ & Ε...	726	311 - MANOLAS IOANNIS	INTERNAL	00203 - ΣΥΝΤΑΞΗ & ΕΛΕΓΧΟΣ ΕΠΙΧΕΙΡΙΣ...	IBLS SA	MANOLAS CHRISTOS	ΑΠΟΤΙΜΗΣΗ 2013 & ΠΡΟΤΑΣΗ ΓΙΑ 2014	
26185		20/2/2014	C.516 - FTC - QATAR	11	311 - MANOLAS IOANNIS	OUT	51603 - AMWAJ PROJECT	FTC QATAR W.L.L. (SUPPLIER O...	SALAMEH WISSAM	ASSESSMENT ACTIVITY - OFFER PROJECT	
26126		12/2/2014	D.002 - ΔΙΟΙΚΗΤΙΚΟ ΖΥΜΒΟΥΑΙΟ (ΔΙΟΙΚΗΣΗ & Ε...	725	311 - MANOLAS IOANNIS	INTERNAL	00203 - ΣΥΝΤΑΞΗ & ΕΛΕΓΧΟΣ ΕΠΙΧΕΙΡΙΣ...	IBLS SA	MANOLAS CHRISTOS	ΑΠΟΛΟΓΙΣΤΙΚΑ ΣΤΟΙΧΕΙΑ ΔΡΑΣΤΗΡΙΟΤΗΤΑΣ 2013	
26020		27/1/2014	C.511 - WPL - WAREHOUSING PROJECTS & LOG...	100	311 - MANOLAS IOANNIS	OUT	51101 - INTERNATIONAL LOGISTICS CE...	TOYOTA MATERIAL HANDLING G...	ΖΟΥΓΓΑΝΕΛΗΣ ΠΑΝΑΓΙΩΤΗΣ	ΠΡΟΜΗΘΕΙΑ ΜΗΧΑΝΙΚΩΝ ΜΕΣΩΝ ΜΕΤΑΦΟΡΑΣ	
26019		27/1/2014	C.511 - WPL - WAREHOUSING PROJECTS & LOG...		311 - MANOLAS IOANNIS	OUT	51101 - INTERNATIONAL LOGISTICS CE...	IBLS SA	MANOLAS IOANNIS		
25968		18/1/2014	C.518 - AKTOR	5	311 - MANOLAS IOANNIS	OUT	51816 - AIRLINE OPERATIONS FACILIT...	ADCC JOINT VENTURE	RIGAS NIKOLAOS	TECHNICAL AND FINANCIAL QUOTATION FOR FINAL PROJECT COMPLETION SERV...	
25718		4/12/2013	C.511 - WPL - WAREHOUSING PROJECTS & LOG...	49	311 - MANOLAS IOANNIS	OUT	51101 - INTERNATIONAL LOGISTICS CE...	AL DAWAA MEDICAL SERVICES C...	MIRZA KARRAR	APPROVAL INITIAL DESIGN RIYADH & JEDDAH	
25430		23/10/2013	C.600 - OSIS - QATAR CONSULTING GROUP		311 - MANOLAS IOANNIS	OUT	60001 - REGISTERED COMPANY	IBLS SA	MANOLAS IOANNIS		
25170		5/9/2013	C.130 - DIFS - DYNAMIC INDUSTRIAL FLOOR SO...	585	311 - MANOLAS IOANNIS	OUT	13006 - BUSINESS OPERATIONS IN GRE...	ΔΙΑΚΙΝΗΣΙΣ Α.Ε.	KATSIKA MAPIA	ΠΡΟΣΦΟΡΑ ΑΝΑΚΑΤΑΣΚΕΥΗΣ ΒΙΟΜΗΧΑΝΙΚΩΝ ΔΑΠΕΔΩΝ	
25147		4/9/2013	C.600 - OSIS - QATAR CONSULTING GROUP	3	311 - MANOLAS IOANNIS	OUT	60001 - REGISTERED COMPANY	VPC (VASSILIS PARASKEVOPOUL...	PARASKEVOPOULOS VASSILIS	ΟΡΓΑΝΩΣΗ ΔΙΑΔΙΚΑΣΙΩΝ COMMISSIONING MANAGEMENT	
25141		3/9/2013	C.130 - DIFS - DYNAMIC INDUSTRIAL FLOOR SO...	583	311 - MANOLAS IOANNIS	OUT	13001 - SET UP OF COMPANY DIFS	ISOMAT A.B.E.E.	ΛΑΜΠΟΥΡΗΣ ΓΕΩΡΓΙΟΣ Φ.	ΠΡΟΣΦΟΡΑ ΥΛΙΚΩΝ & ΠΡΑΓΜΑΤΟΠΟΙΗΣΗ MOCK UP	
25136		3/9/2013	C.130 - DIFS - DYNAMIC INDUSTRIAL FLOOR SO...	582	311 - MANOLAS IOANNIS	OUT	13001 - SET UP OF COMPANY DIFS	ΜΑΡΙΕΤ ΕΛΛΑΣ Α.Ε.Β.Ε.	VAGGELIS XOULIARAS	ΠΡΟΣΦΟΡΑ ΥΛΙΚΩΝ & ΠΡΑΓΜΑΤΟΠΟΙΗΣΗ MOCK UP	
24777		26/6/2013	D.004 - (0) ADMINISTRATION, DEVELOPMENT & ...	767	311 - MANOLAS IOANNIS	IN-OUT	50101 - CP65 AIRLINE OPERATION FAC...	IBLS SA	BERLIS IOANNIS	ΔΙΟΙΚΗΣΗ ΔΙΑΔΙΚΑΣΙΩΝ ΥΛΟΠΟΙΗΣΗΣ ΕΡΓΟΥ, NOTE 03	
24774		26/6/2013	C.510 - QATAR FOOD COMPANY	36	311 - MANOLAS IOANNIS	IN-OUT	51001 - INDUSTRIAL REFRIGERATION C...	ABDULLAH ABDULGHANI & BROS ...	SINGH JAIDEV	STORAGE MANAGEMENT EQUIPMENT & MEETING IN DOHA	
24767		26/6/2013	C.510 - QATAR FOOD COMPANY	35	311 - MANOLAS IOANNIS	IN-OUT	51001 - INDUSTRIAL REFRIGERATION C...	AMERICAN QUALITY	HAWASH MOHAMED	ARCHITECTURAL & ELECTROMECHANICAL - REVIEW	
24746		22/6/2013	C.515 - ETA - DEBBAS JV	2	311 - MANOLAS IOANNIS	OUT	51501 - DOHA CONVECTION CENTER & ...	ETA - DEBBAS JV	WAHAB AMIN	QUOTATION FOR THE COMPILATION OF O&M MANUALS	
24737		20/6/2013	C.515 - ETA - DEBBAS JV	1	311 - MANOLAS IOANNIS	IN-OUT	51501 - DOHA CONVECTION CENTER & ...	ETA - DEBBAS JV	WAHAB AMIN	OFFER	
24726		20/6/2013	C.514 - SEPAM QATAR	1	311 - MANOLAS IOANNIS	IN-OUT	51401 - NDIA	SEPAM Qatar	KHALED MOHAMAD	OFFER FOR TWO ELECTRICAL ENGINEER TO DO O&M AND TESTING & COMMISSI...	
24651		17/6/2013	D.010 - (A) DEPARTMENT OF COMMERCE AND B...	752	311 - MANOLAS IOANNIS	IN-OUT	01001 - ΔΙΕΥΘΥΝΣΗ ΕΜΠΟΡΙΚΟΥ ΤΟΜΕ...	GENERAL REAL ESTATE SERVICES	ΚΟΡΩΝΑΚΗ ΜΑΙΡΗ	ΠΑΡΑΛΑΒΗ ΤΟΠΟΓΡΑΦΙΚΩΝ ΣΧΕΔΙΩΝ ΠΕΥΚΗΣ	
24650		15/6/2013	D.010 - (A) DEPARTMENT OF COMMERCE AND B...	751	311 - MANOLAS IOANNIS	OUT	01005 - ORGANIZATION DOHA BRANCH	IBLS SA	ALEXOPOULOS ELEFTHERIOS	PROJECT & COMMERCIAL PRESENTATION	
24634		10/7/2013	C.501 - AL JABER TRADING & CONTRACTING C...	137	311 - MANOLAS IOANNIS	OUT	50101 - CP65 AIRLINE OPERATION FAC...	AL JABER TRADING & CONTRAC...	GEORGAS IOANNIS	PROPOSAL FOR PLC MANUALS	
24597		10/6/2013	C.773 - DFS AE	71	311 - MANOLAS IOANNIS	OUT	77303 - SUPPLY OF SERVICES IN DFS	DURCISSEURS FRANCAIS	GREDER RICHARD	QATAR NATIONAL MUSEUM - NEW QUOTATION	
24590		4/6/2013	D.010 - (A) DEPARTMENT OF COMMERCE AND B...	750	311 - MANOLAS IOANNIS	OUT	01005 - ORGANIZATION DOHA BRANCH	VPC (VASSILIS PARASKEVOPOUL...	PARASKEVOPOULOS VASSILIS	COMPANY PROFILE ΚΟΙΝΗΣ ΕΤΑΙΡΕΙΑΣ	
24563		3/6/2013	D.004 - (0) ADMINISTRATION, DEVELOPMENT & ...	760	311 - MANOLAS IOANNIS	OUT	50101 - CP65 AIRLINE OPERATION FAC...	IBLS SA	MONACHOS KONSTANTINOS	ΜΕΤΑΒΟΛΗ ΠΡΩΤΟΚΟΛΛΟΥ	
24560		1/6/2013	D.004 - (0) ADMINISTRATION, DEVELOPMENT & ...	759	311 - MANOLAS IOANNIS	IN-OUT	50101 - CP65 AIRLINE OPERATION FAC...	IBLS SA	ALEXOPOULOS ELEFTHERIOS	ΔΙΟΙΚΗΣΗ ΔΙΑΔΙΚΑΣΙΩΝ ΥΛΟΠΟΙΗΣΗΣ ΕΡΓΟΥ, NOTE 02	
24469		28/5/2013	D.004 - (0) ADMINISTRATION, DEVELOPMENT & ...	758	311 - MANOLAS IOANNIS	OUT	50101 - CP65 AIRLINE OPERATION FAC...	IBLS SA	ANTONIOU EVANGELOS	ΔΙΟΙΚΗΣΗ ΔΙΑΔΙΚΑΣΙΩΝ ΥΛΟΠΟΙΗΣΗΣ ΕΡΓΟΥ, NOTE 01	
24454		25/5/2013	D.010 - (A) DEPARTMENT OF COMMERCE AND B...	748	311 - MANOLAS IOANNIS	OUT	01005 - ORGANIZATION DOHA BRANCH	VPC (VASSILIS PARASKEVOPOUL...	PARASKEVOPOULOS VASSILIS	ΠΡΟΤΑΣΗ ΠΛΑΙΣΙΟΥ ΛΕΙΤΟΥΡΓΙΑΣ ΚΟΙΝΗΣ ΕΤΑΙΡΕΙΑΣ ΣΤΟ ΚΑΤΑΡ	
24430		22/5/2013	C.501 - AL JABER TRADING & CONTRACTING C...	32	311 - MANOLAS IOANNIS	OUT	50101 - CP65 AIRLINE OPERATION FAC...	IBLS SA	MANOLAS IOANNIS	REPORT No1 (15/4/2013 -22/5/2013)	
24369		10/5/2013	C.501 - AL JABER TRADING & CONTRACTING C...	28	311 - MANOLAS IOANNIS	INTERNAL	50101 - CP65 AIRLINE OPERATION FAC...	IBLS SA	MONACHOS KONSTANTINOS	QUALITY ASSURANCE & QUALITY CONTROL (QA-QC)	
24347		7/5/2013	C.510 - QATAR FOOD COMPANY	26	311 - MANOLAS IOANNIS	OUT	51001 - INDUSTRIAL REFRIGERATION C...	AMERICAN QUALITY	MOSTAFA ABDUL AZIZ AHMED	FINAL MASTER PLAN AUTOCAD DRAWING	
24235		18/4/2013	C.130 - DIFS - DYNAMIC INDUSTRIAL FLOOR SO...	567	311 - MANOLAS IOANNIS	OUT	13006 - BUSINESS OPERATIONS IN GRE...	ΤΡΑΠΕΖΑ ΕΦΓ EUROBANK ERGAS...	ΤΑΖΑΚΟΣ ΧΑΡΑΛΑΜΠΟΣ	ΤΕΧΝΟΟΙΚΟΝΟΜΙΚΗ ΠΡΟΤΑΣΗ ΑΠΟΚΑΤΑΣΤΑΣΗΣ ΔΑΠΕΔΩΝ	
24232		17/4/2013	C.511 - WPL - WAREHOUSING PROJECTS & LOG...	3	311 - MANOLAS IOANNIS	OUT	51101 - INTERNATIONAL LOGISTICS CE...	WPL - WAREHOUSING PROJECTS...	MANSOOR AL SUBAIE ABDULAZIZ	TECHNICAL AND FINANCIAL QUOTATION FOR INTERNATIONAL LOGISTICS CONS...	
24075		21/3/2013	C.130 - DIFS - DYNAMIC INDUSTRIAL FLOOR SO...	552	311 - MANOLAS IOANNIS	OUT	13006 - BUSINESS OPERATIONS IN GRE...	ΜΡΜ HELLAS Ε.Π.Ε	ΔΕΛΟΓΛΟΥ ΧΡΙΣΤΟΔΟΥΛΟΣ	ΠΡΟΣΦΟΡΑ ΠΟΛΥΟΥΡΕΘΑΝΙΚΟΥ ΔΑΠΕΔΟΥ	

IBLS-SERVER\MISv3\MISv3

Χρήστης : [3][311] Εργαζόμενος : [1936][IOANNIS MANOLAS] Εταιρία : [1][COMPANY NAME] Χρήση : [ ]

Εισαγωγή - Micr... Μετάφραση Google... Analysis Frame... 180262 31666 180908 2014 DIV00-DA10.02 DIV32-DA10.02 51100-DI40.01 51100-DI40.01 EN 5:29 μμ



# Management Information System of **ibls**

## Services / Sub Category

Analysis FrameWork [RED]

File Summary Companies Library Templates Protocols Resource Management Business Plan Administrator

Summary Companies List Library Template Forms **Template Services** Protocols -Projects S1101 INTERNATIONAL LOGIS S1100 WPL INFRASTRUCTURE

SERVICES

DEFAULT LANGUAGE: ENGLISH C Print Services B

New New New New New Delete Move Edit English Greek

Code - Description	Manager	Type
A INVESTMENT PLAN ORGANIZATION		
A DIAGNOSTIC STUDY & REQUIREMENTS ANALYSIS (CONCEPTUAL DESIGN)		
AA DATA COLLECTION & PROJECT DESIGN STANDARDS ORGANISATION		
AA10 @ REQUIREMENTS ANALYSIS	311 - MANOLAS IOANNIS	
AA50 @ SITE SURVEY	316 - TSIKOS NIKOLAOS	
AA60 @ SITE EVALUATION	311 - MANOLAS IOANNIS	
AA70 @ SOIL SURVEY EXPERT'S REPORT	311 - MANOLAS IOANNIS	
AA90 @ ANALYSIS OF LEGAL & INSTITUTIONAL FRAMEWORK	311 - MANOLAS IOANNIS	
AB BUILDINGS, EQUIPMENT & PROCESS SURVEYING		
AB10 @ BUILDING SURVEYING	311 - MANOLAS IOANNIS	
AB20 @ STOCK ANALYSIS	311 - MANOLAS IOANNIS	
AB30 @ PRODUCTION PROCEDURES SURVEYING	311 - MANOLAS IOANNIS	
AC SPECIAL EQUIPMENT MARKET RESEARCH		
AC10 @ S.E.M.R FOR PRODUCTION	311 - MANOLAS IOANNIS	
AC20 @ S.E.M.R FOR WAREHOUSE	311 - MANOLAS IOANNIS	
AC30 @ S.E.M.R FOR INDUSTRIAL REFRIGERATION	311 - MANOLAS IOANNIS	
AC40 @ S.E.M.R FOR WASTE MANAGEMENT	329 - MANOLAS CHRISTOS	
AC50 @ S. ELECTROMECHANICAL E.M.R	311 - MANOLAS IOANNIS	
AD FEASIBILITY ANALYSIS FOR PREFABRICATED INDUSTRIAL BUILDINGS		
AD10 @ PREFABRICATED BUILDINGS INSTALLATION	316 - TSIKOS NIKOLAOS	
AE FINAL REQUIREMENTS ANALYSIS & DIAGNOSTIC STUDY		
AE10 @ FINAL REQUIREMENTS ANALYSIS & DIAGNOSTIC STUDY	311 - MANOLAS IOANNIS	
B PRELIMINARY DESIGN & PROJECT ANALYSIS		
BA BUILDING CONCEPT PRODUCTION & PRESENTATION		
BA10 @ BUILDING CONCEPT PRODUCTION	311 - MANOLAS IOANNIS	
BA20 @ WAREHOUSE OPERATION STUDY	311 - MANOLAS IOANNIS	
BA30 @ COOLING LOADS CALCULATION & STRATEGY ANALYSIS	311 - MANOLAS IOANNIS	
BA40 @ BUILDING STRUCTURAL MODELING	316 - TSIKOS NIKOLAOS	
BB PROJECT PRELIMINARY DESIGN		
BB10 @ DRAWINGS (IFA30)	311 - MANOLAS IOANNIS	
BB20 @ TECHNICAL REPORT (IFA30)	311 - MANOLAS IOANNIS	
BB30 @ BUDGET - INVESTMENT ANALYSIS - ITEM LIST (IFA30)	311 - MANOLAS IOANNIS	
BC INSTALLATION APPROVALS & ENVIRONMENTAL PERMITTING		
BC10 @ INSTALLATION APPROVALS & ENVIRONMENTAL PERMITTING	316 - TSIKOS NIKOLAOS	
BC15 @ ARCHITECTURAL DESIGN EVALUATION (EXAMINATION BY LOCAL AUTHO...	316 - TSIKOS NIKOLAOS	
BD INSTALLATION & ESTABLISHMENT PERMITS		
BD10 @ INSTALLATION PERMIT	316 - TSIKOS NIKOLAOS	
BD20 @ ESTABLISHMENT PERMIT	311 - MANOLAS IOANNIS	

EC40.01 @ BUDGET & CREDITS ANALYSIS

PROJECTS	DESCRIPTION	Project	Manager
C.005 - LIMPANTISIS SA			311 - MAN...
00501 - @ FRUIT COLD STORE & 4em GAME (LFC)			X.311 - XHTA...
00501-EC40.01 - @ BUDGET & CREDITS ANALYSIS			X.311 - XHTA...
Iss (C.005,0096) - ΟΡΓΑΝΩΣΗ ΣΥΜΦΩΝΗΤΙΚΩΝ ΤΙΜΟΛΟΓΙΩΝ & ΠΑΡΑΣΤΑΣΤΙΚΩΝ ΠΛΗΡΩΜΩΝ ΕΡΓΟΥ		00501.28	X.311 - XHTA...
Iss (C.005,0776) - [01.MX&Z ATE] (ΙΣ:01,01-04-2005) ΓΕΝΙΚΗ ΠΡΟΜΕΛΕΤΗ ΜΟΝΑΔΟΣ (501.18)		00501.28	X.314 - ΕΥΠΟΛ...
Iss (C.005,0796) - [01.MX&Z ATE] (ΙΣ:02,04-04-2005) ΔΙΑΓΝΩΣΤΙΚΗ ΜΕΛΕΤΗ ΣΥΣΚΕΥΑΣΤΙΚΟΥ ΕΞΟΠΛΙΣΜΟΥ (501.20)		00501.28	X.311 - XHTA...
Iss (C.005,0802) - [01.MX&Z ATE] (ΙΣ:03,22-04-2005) ΜΕΛΕΤΗ ΕΓΚΑΤΑΣΤΑΣΗΣ ΜΟΝΑΔΟΣ ΒΙΟΛΟΓΙΚΟΥ ΚΑΘΑΡΙΣΜΟΥ...		00501.28	X.314 - ΕΥΠΟΛ...
Iss (C.005,0803) - [01.MX&Z ATE] (ΙΣ:04,13-09-2005) ΜΕΛΕΤΗ ΠΕΡΙΒΑΛΛΟΝΤΙΚΩΝ ΕΠΙΠΤΩΣΕΩΝ (501.18B)		00501.28	X.314 - ΕΥΠΟΛ...
Iss (C.005,0804) - [01.MX&Z ATE] (ΙΣ:05,06-10-2006) ΚΑΤΑΣΚΕΥΗ ΜΟΝΑΔΑΣ ΒΙΟΛΟΓΙΚΟΥ ΚΑΘΑΡΙΣΜΟΥ (501.21)		00501.28	X.314 - ΕΥΠΟΛ...
Iss (C.005,0805) - [01.MX&Z ATE] (ΙΣ:06,09-10-2006) ΟΙΚΟΔΟΜΙΚΕΣ ΑΔΕΙΕΣ & ΚΑΤΑΣΚΕΥΑΣΤΙΚΕΣ ΜΕΛΕΤΕΣ (501.22 ...)		00501.28	X.314 - ΕΥΠΟΛ...
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Iss (C.005,0807) - [01.MX&Z ATE] (ΙΣ:08,01-10-2007) ΑΔΕΙΑ ΛΕΙΤΟΥΡΓΙΑΣ, ΕΠΙΒΛΕΨΗ ΕΡΓΑΣΙΩΝ & ΔΙΟΙΚΗΣΗ ΧΡΗΜ...		00501.28	X.314 - ΕΥΠΟΛ...
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Iss (C.005,0092) - [04.SORMAC] (ΙΣ:01,15-11-2006) ΜΗΧΑΝΗ ΑΠΟΦΛΟΙΣΣΗΣ ΚΡΕΜΜΥΔΙΩΝ		00501.28	-
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Iss (C.005,0430) - [06.ΣΑΛΜΑΝΙΔΗΣ ΑΕ] (ΙΣ:01,19-07-2008) ΑΓΟΡΑ ΠΛΑΣΤΙΚΩΝ ΚΛΟΥΒΩΝ		00501.28	X.311 - XHTA...

ISSUE COMMUNICATIONS

I	RC	Date	Description
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IBLS-SERVER\MISv3\MISv3

Χρήστης: [3][311] Εργαζόμενος: [1936][IOANNIS MANOLAS] Εταιρία: [1][COMPANY NAME] Χρήση: [ ]

Εισερχόμενα - ... Μετάφραση G... Analysis Fra... 180262 31666 180908 2014 368 DIV00-DA10.0... DIV32-DA10.0... S1100-DI40.0... S1100-DI40.0... A1.COMPANY ... EN 5:54 μμ

## **Integrated level of Quality and Technical Competence** for all parts of the design:

- ✓ Architectural & Civil Facilities
- ✓ Special Equipment & Special Installations
- ✓ Industrial Refrigeration Systems
- ✓ Mechanical Installations & Networks
- ✓ Electrical Installations
- ✓ Energy Systems
- ✓ Special Technical Services (3D - Model Building Design, Bill of Material Quantities, Building Permit etc.)

## **Project Management** following the Detailed Design Process and offering services that guarantee:

- ✓ Time Schedule Adherence
- ✓ Administration Quality Control
- ✓ Budget Management
- ✓ Site Administration
- ✓ Technical Management



# ibls,

certifies the technical sufficiency of all designs up to the amount of **3,000,000€** for individual buildings, with the ability to multiply this amount in case of large investment projects or Logistics Villages upon the client's request.

**ETHNIKI**  
FIRST IN INSURANCE

**THIRD PARTY LIABILITY & SPECIAL RISKS DIVISION**  
**Ref No: 6254**

Athens, 02/02/2018

## CERTIFICATE OF INSURANCE

This is to certify that **IB+LS Industrial Buildings And Logistics Solutions S.A** is covered by Ethniki Hellenic General Insurance Co. S.A. under a Professional Indemnity Insurance Policy, from 20/12/2017 to 19/12/2018, with No **94410/8** and renewal No **213029**, according to its terms, conditions and exclusions and up to the following limits:

### Limits of Liability

€ 3.000.000 any one claim

€ 3.000.000 in the aggregate for the entire policy period

**The sole purpose of this Insurance Certificate is to state that there is Liability Insurance and does not substitute, alter, amend or change in any way the terms and conditions of the above mentioned policy.**

**FOR THE ETHNIKI  
HELLENIC GENERAL INSURANCE CO. S.A.**

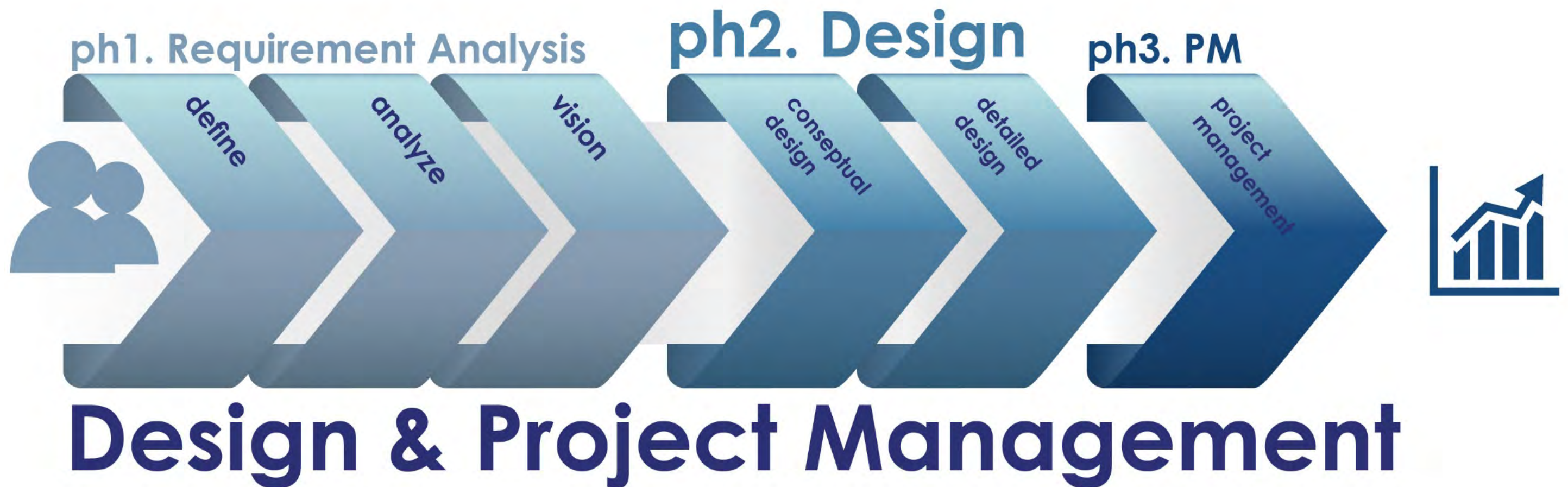
ΒΙΔΙΑΝΟΣ ΖΑΝΝΟΣ  
ΠΡΟΪΣΤΑΜΕΝΟΣ ΤΟΜΕΑ ΑΝΑΛΗΨΕΩΝ  
ΛΟΙΠΩΝ ΓΕΝΙΚΩΝ ΚΛΑΔΩΝ

Preliminary Design

Detailed Design

Project Management

Project Management of Special Equipment





**Diagnostic Study and Requirement Analysis** aim to **collect, organize, illustrate and present** all project requirements regarding the **Building Structure**, the **Electro-Mechanical Facilities**, the **Production Procedures**, the **Financial Restraints** and the **phases of Design & Construction**.

This section defines the contents of each stage of a project.

## Stages.

---

- **Data Collection & Organization of Project Design Standards**
- **Diagnostic Study & Market Research for Special Equipment Installations**
- **Building Concept Analysis, Development & Presentation**
- **Building Composition** (Drawings, Technical Specifications, Business Plan Budget)
- **Installation Approvals**
- **Business Technical Documentation**

This section consists of Detailed Design, Project Supervision, Licensing, Budget Creation, Tendering & Construction.

- **Design** (Excavation Works, Special Geological & Foundation Works, Structural Frame Construction, Architectural Facilities, Passive Fire Protection Installations, Floor & Equipment Installations, Office Layout Material Installations)
- **Special Equipment & Installations Design** (Signage Material Installations, Office Equipment Installations, Production Equipment Installations, Storage Management Equipment Installations, Railway Installations, Solid and Liquid Waste Management Installations)
- **Industrial Refrigeration Installation**
- **Mechanical Services & Networks Design**
- **Electrical Services Design**
- **Special Systems Design**
- **Renewable & Sustainable Energy Design**
- **Special Technical Design**



This section consists of the client's technical support with regard to the project's Execution Strategy, Technical Management & Construction Supervision and Project Management.

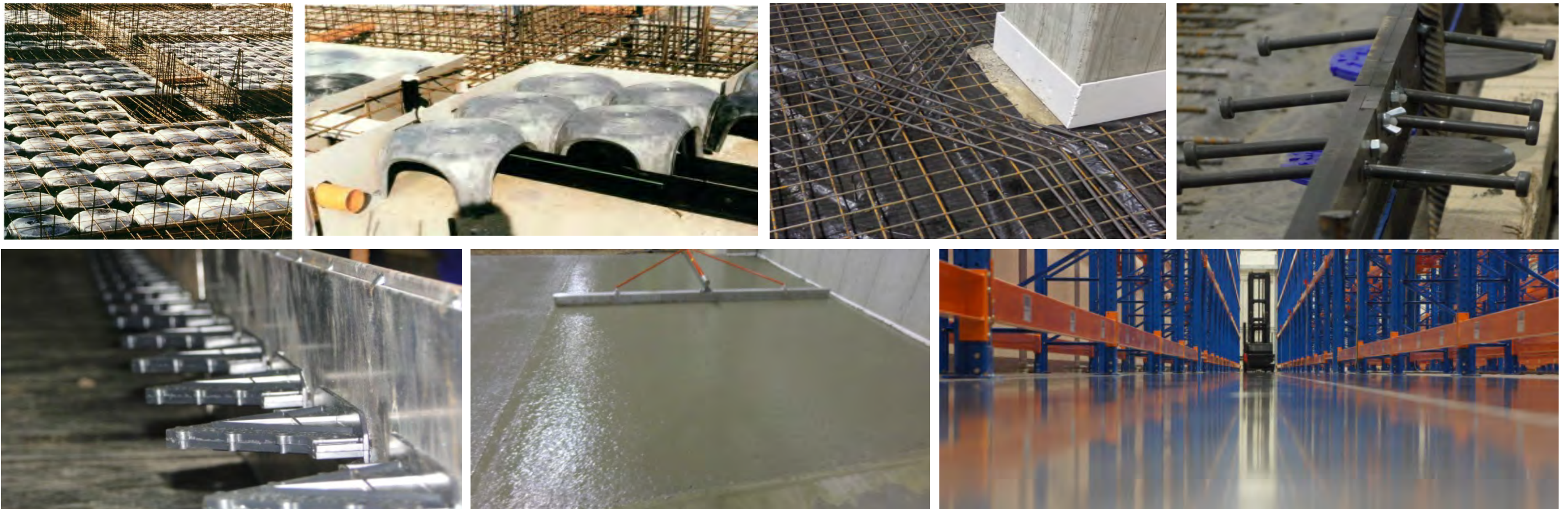
- **Project Tendering Process** (Offers Evaluation, Contractors Negotiation, Technical Contracts)
- **Technical Management & Project Supervision** (Construction Engineer Reports, Project Calendar Data Base, Project Photo Gallery, As Build Drawing, Safety Control)
- **Project Management** (General Administration, Communications & Issues Protocol, Project Management Schedule, Quality Control Project, Budget Management, Finance Program Management)
- **Commissioning Management & Facility Maintenance Management** (General System Startup, Testing & Commissioning, Start Up, Staff Selection & Training)

- **Industrial Refrigeration Systems** (IBLS has accumulated experience in large Industrial Refrigeration Plants at Refrigerated Storage Warehouses and Industrial Buildings)
- **Slab on Grade, Super - Flat Floors** (IBLS possesses extensive experience in planning, designing, supervising and managing industrial floor projects of large Logistics Centers and Industries)
- **ESFR (Early Suppression Fast Response) Fire Sprinkler Systems** (ESFR ceiling mounted sprinklers can be used in warehouses in place of in-rack fire sprinkler systems predominately used for the protection of High - Piled Storage. Storage arrangements may include palletized, solid pile, shelf, bin box or rack storage of materials)

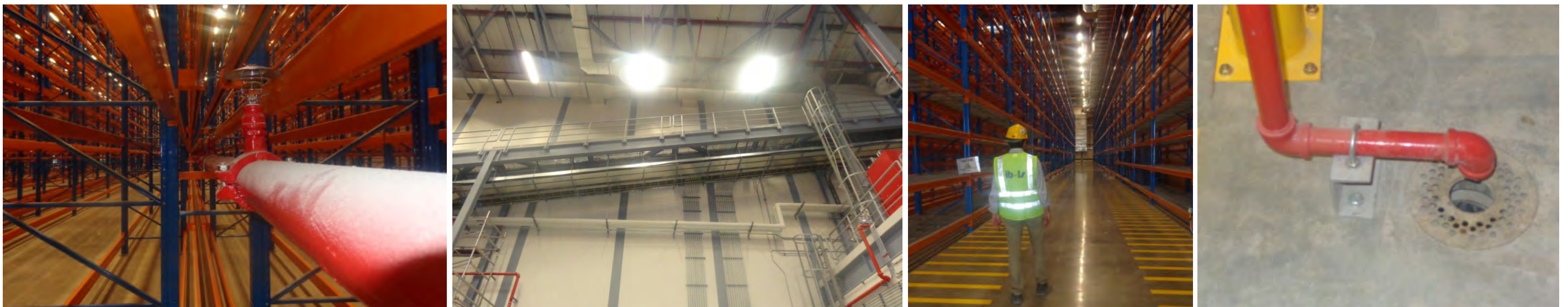


## Design of Slab on Grade for Industrial & Logistics Buildings

*ibls has designed more than 1,000,000 sqm of industrial floors...*



## Active Fire Protection Systems (ESFR, In Racks)



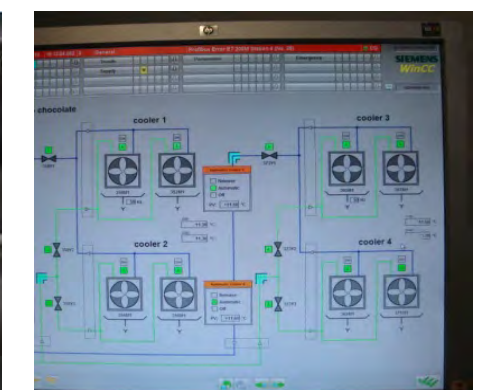
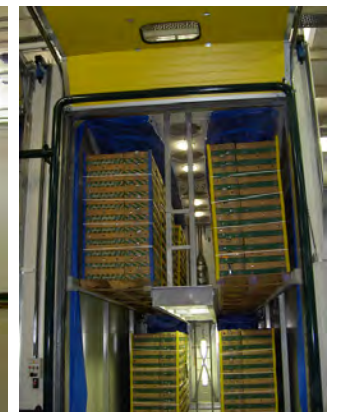


# Industrial Refrigeration Systems

## Heating, Ventilation and Air Conditioning Systems



- Industrial Refrigeration & Air Conditioning
- Positive & Negative temperature Cold Rooms
- Ripening & Maturation Rooms for Bananas, Citrus Fruit
- Control Atmosphere Rooms
- Food & Drink Processing Refrigeration Fast Cooling, Chilling, Blast Batch Freezing, IQF Freezing, Immersion Cooling & Freezing
- Refrigeration in Supermarkets
- Energy Management Systems associated to Refrigeration & Air Conditioning (Heat Reclaim, Electrical Consumption)
- Refrigeration & Air Conditioning Automation





The commissioning process formalizes review and integration of all project expectations during **planning, design, construction, and occupancy phases** through inspection, functional performance, testing and supervision of operator training and record documentation.

- Ensures adherence to Health & Safety principles within the facility
- Optimizes energy use. Specifically the HVAC systems are adjusted to operate at optimum level reducing energy waste
- Reduces Operating and Maintenance costs
- Ensures adequate O&M staff orientation and training
- Improves installed building systems documentation
- Provides smooth integration of MEP services and delivers the project according to the Owner's requirements.



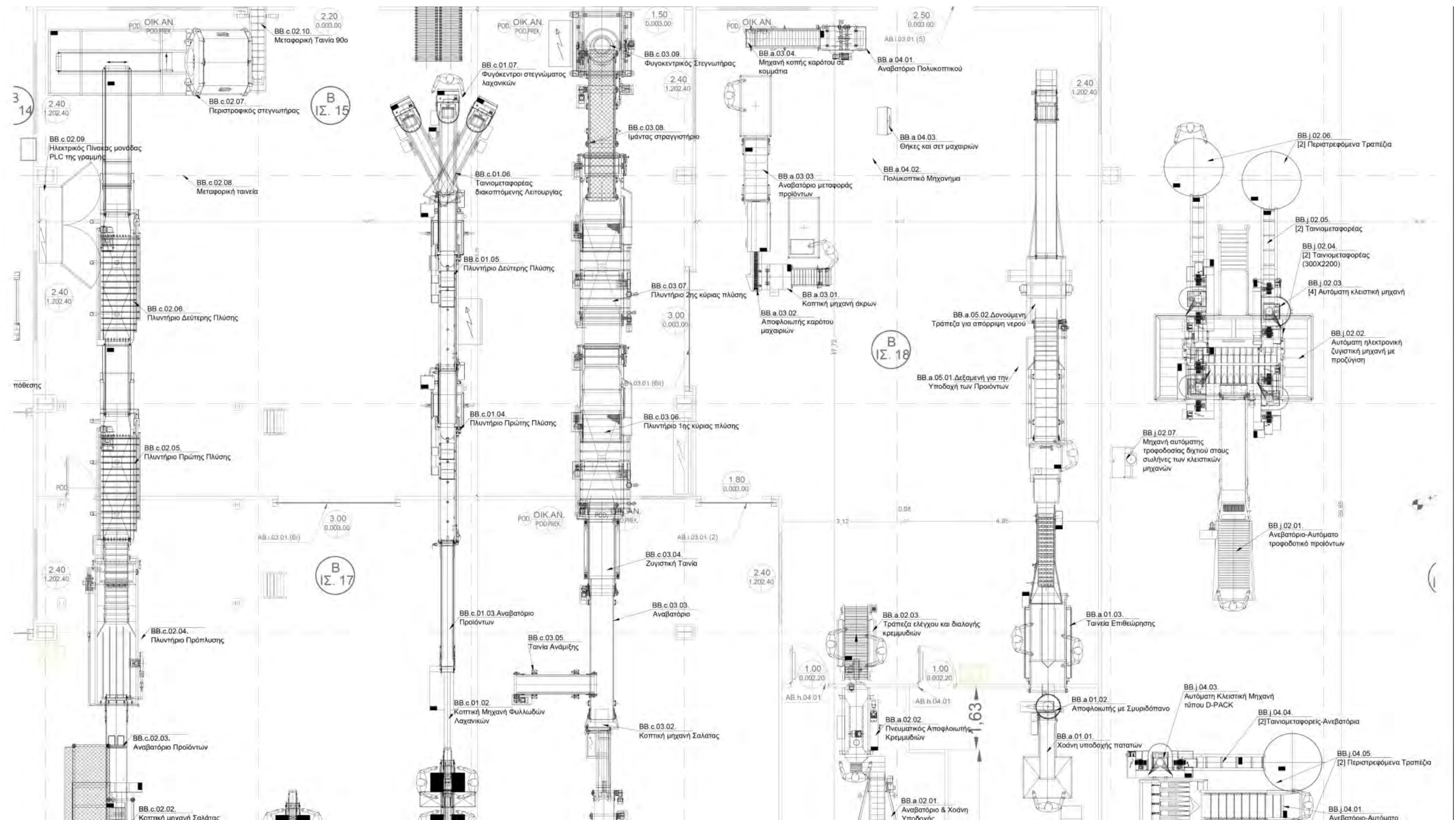
Our experience in Commissioning Services allows us to provide teams of high specialization that can be integrated into existing organizations. IBLS have alliance partners providing LEED certification, and TAB services in accordance with NEBB & CSA standards.



# DIVISION 41c PRODUCTION EQUIPMENT INSTALLATION

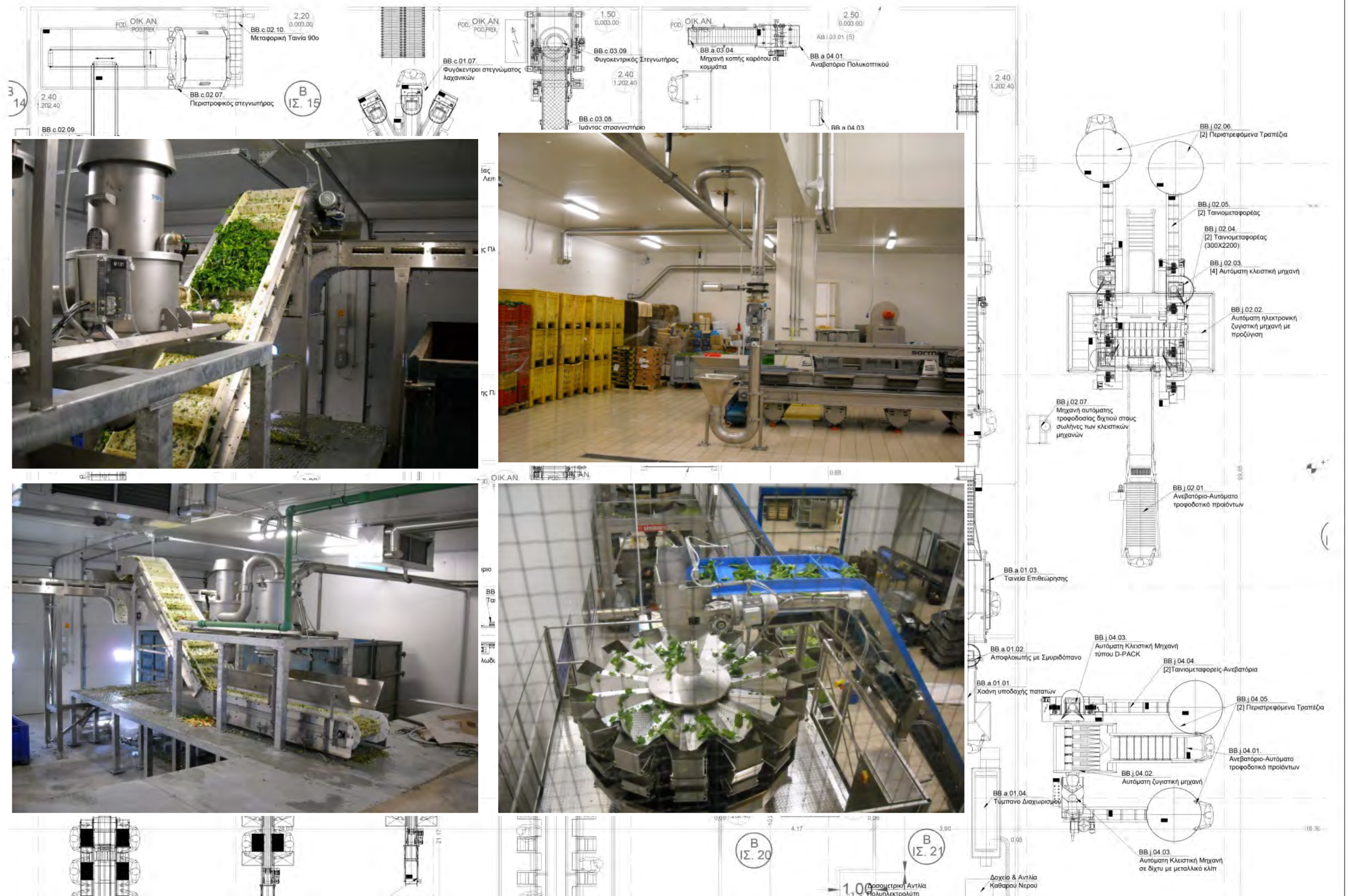
## CRITICAL POINTS

### Production Lines in the Detailed Design





## Production Lines in the Detailed Design





## DIVISION 03c FLOORS

### CRITICAL POINTS

Floors in **Hygienic areas**



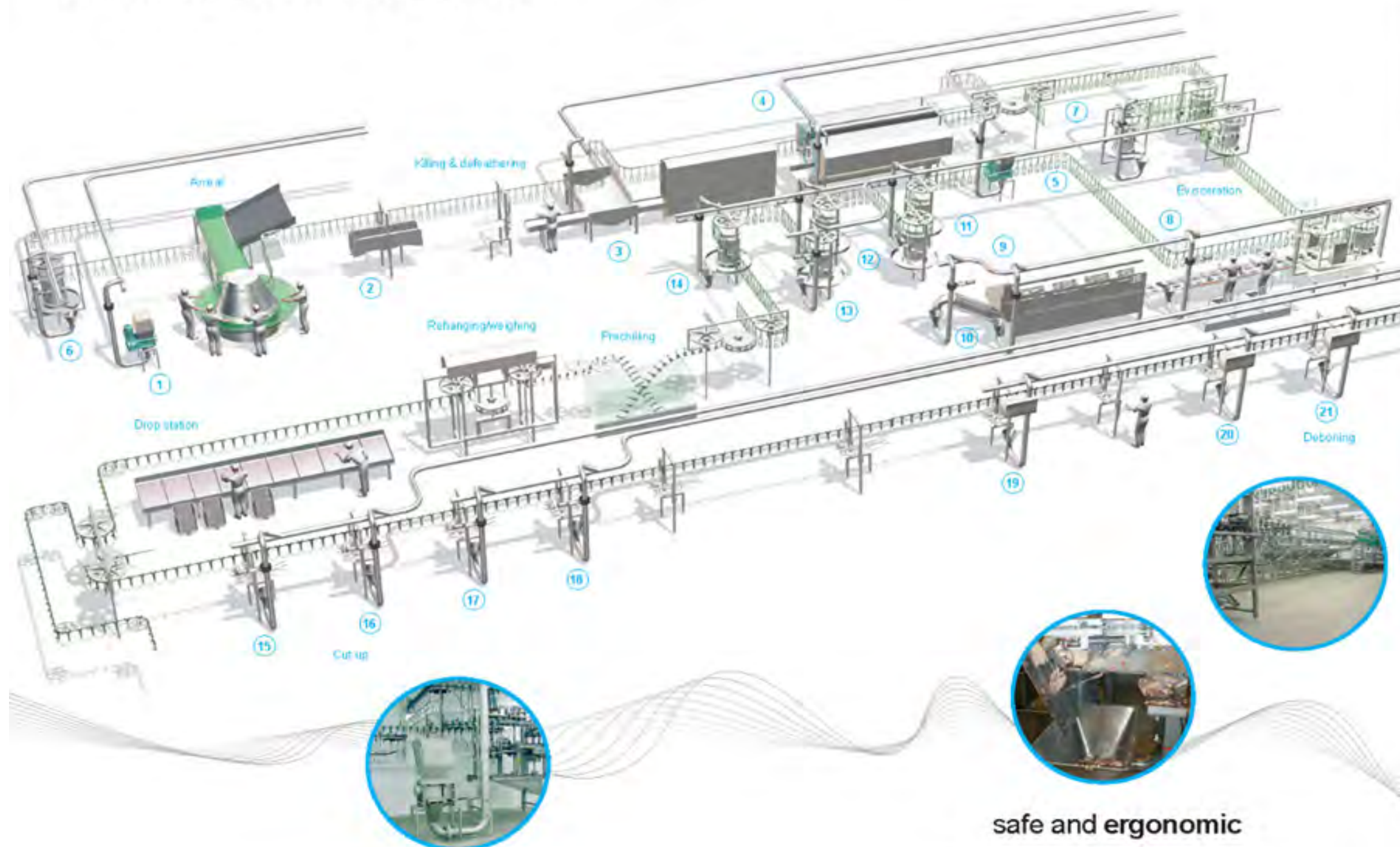


## DIVISION 22 PLUMBING

### CRITICAL POINTS

## Hygienic Removal of Poultry Processing By-products & Waste

hygienic waste and by-product handling systems  
for poultry processing plants



### Possibilities for Taifun Vacuum Conveying Systems on Poultry Processing Line

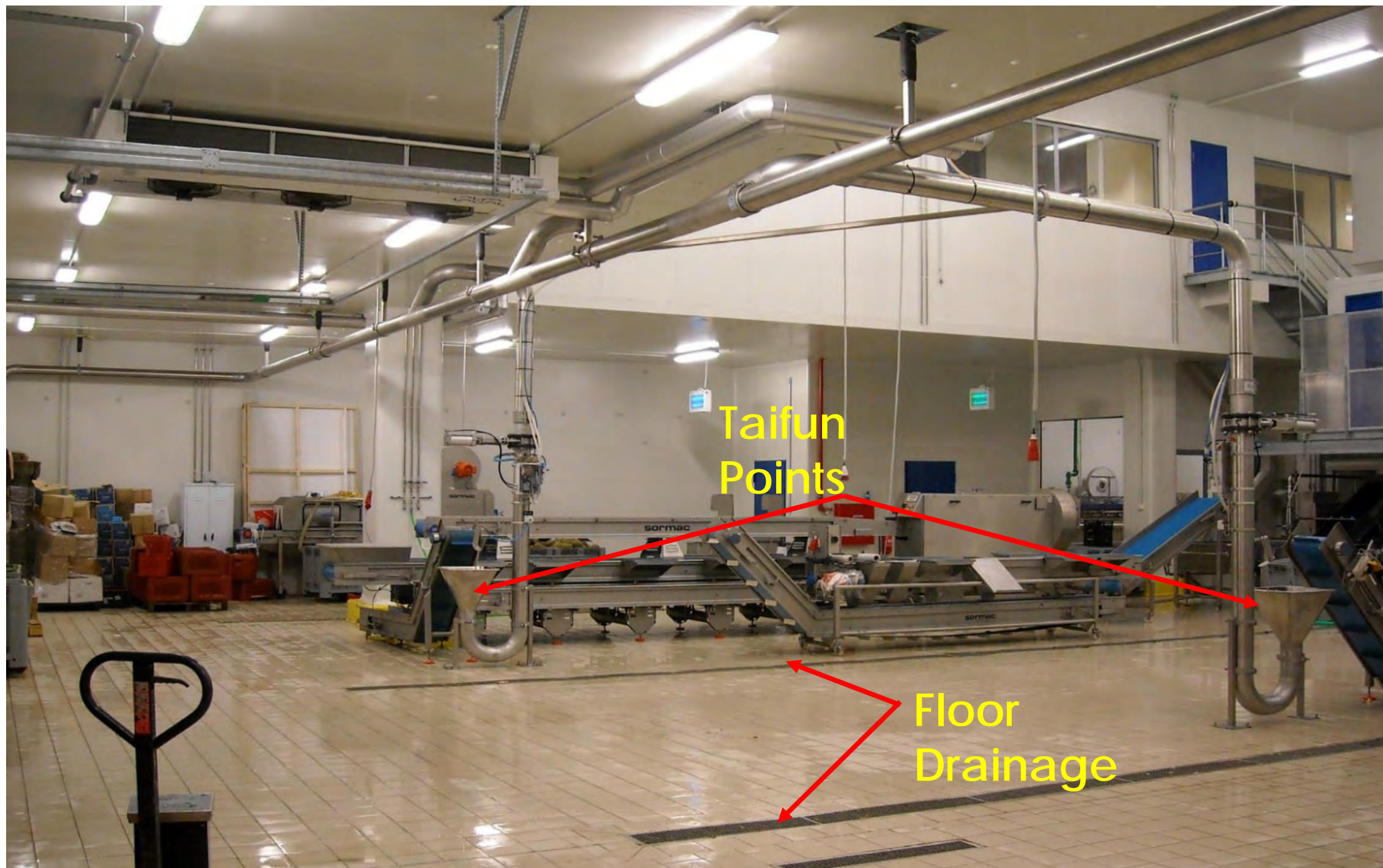
1. Dead on arrival's
2. Cleaning the floors and the machinery with central cleaning system
3. Blood
4. Feathers
5. Hocks
6. Feet
7. Heads
8. Inspector waste
9. Intestines waste
10. Giblet waste
11. Crops
12. Neckskin
13. Final inspection machine vacuum
14. Waste
15. Tails
16. Wing tips
17. Second joints middle wing (high hygienic)
18. Whole wing (high hygienic)
19. Back piece (high hygienic)
20. Back strips
21. Back strips
22. Solutions for deboning line, leg deboning, MDM machine



## DIVISION 22 PLUMBING

### CRITICAL POINTS

## Hygienic Removal of Fruit & Vegetable Processing By-products & Waste



“Limpantsis”  
Fruit & Vegetable  
Processing Plant



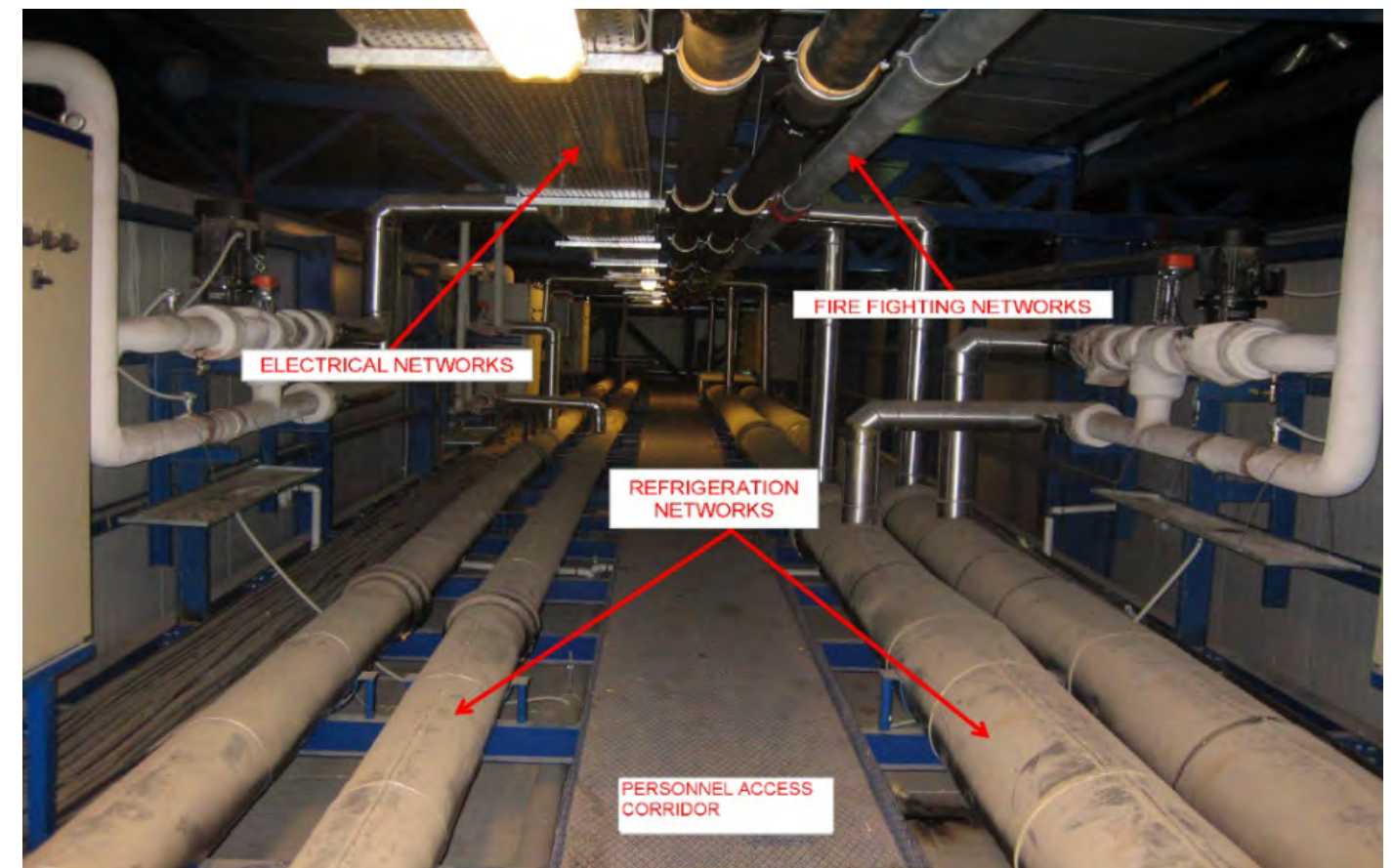
## DIVISION 23 HVAC

### CRITICAL POINTS

#### Technical mezzanine above ceiling

In projects with extended MEP network, Technical mezzanine is necessary because it offers:

- **Accessibility** to the whole MEP network.
- **Increased Safety & Hygienic Compliance**, due to separation between MEP networks routing and processing areas





## DIVISION 23 HVAC

### CRITICAL POINTS

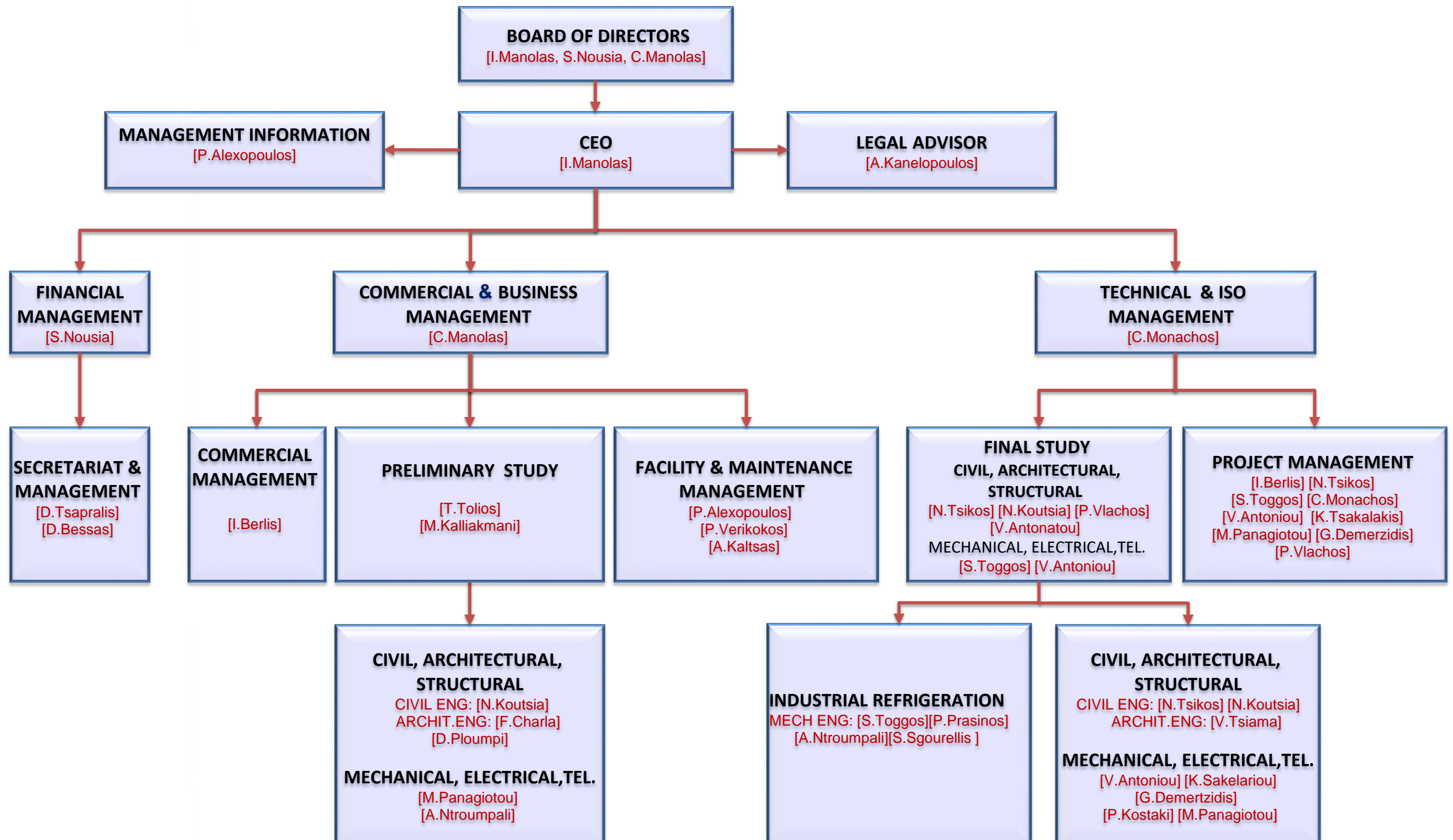
#### Processing areas air-conditioning

**In processing areas the installation of air-socks offers:**

- Better air distribution.
- Low air speed, better comfort conditions
- Reduced noise levels



## 45 Engineers for all specialties.





# Our Certificate.



## Certificate of Approval

This is to certify that the Management System of:

**IB + LS S.A.**

4, Evrou Str., Galatsi, 11147 Athens, Greece

has been approved by LRQA to the following standards:

ISO 9001:2015

Frederic Gaudin

Issued By: Hellenic Lloyd's S.A. for and on behalf of: Lloyd's Register Quality Assurance Ltd

Current Issue Date: 13 April 2017  
Expiry Date: 12 April 2020  
Certificate Identity Number: 10016640

Original Approvals:  
ISO 9001 – 21 March 2011

Approval Numbers: ISO 9001 – 00009720

The scope of this approval is applicable to:

Conceptual & Schematic Design, Construction Design and Project Management for Building Construction.  
Facility Maintenance Management. Provision of Consultancy Services for Logistics Centers. Provision of  
Commissioning Management Services.



001

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Issued By: Hellenic Lloyd's S.A., Hellenic Lloyd's S.A., 11500 Pirene, Greece for and on behalf of: Lloyd's Register Quality Assurance Ltd, Trinity Park, Bicknell Lane, Birmingham B37 7YU, United Kingdom

Page 1 of 1



# Our Clients.



ABDULLAH ABDULGHANI & BROS. CO. W.L.L.



G.E.DIMITRIOU s.a





## Food Production Companies

- TRADE & PROCESSING OF DRY NUTS & FRUIT – **ALMANDA SA** – 4.400 sq m
- PACKAGING OF FRESH FRUIT & VEGETABLE – **NEFELI FRUIT** – 4.500 sq m
- PACKAGING OF FRESH FRUIT & VEGETABLE – **SPIGOS QUALITY FRUIT** – 4.000 sq m
- TRADITIONAL GREEK PRODUCTS – **AROSIS** – 3.800 sq m
- PACKAGING OF FRESH FRUIT & VEGETABLE – **FRESCO** – 4.000 sq m
- PACKAGING OF FRESH FRUIT & VEGETABLE – **LIMPANTSIS** – 6.000 sq m
- PACKAGING OF FRESH FRUIT & VEGETABLE – **AGRICULTURAL COOPERATIVES OF PIGASOS** – 4.500 sq m
- SUPER MARKET PACKAGING & WAREHOUSE – **CHALKIADAKIS** – 3.000 sq m
- SUPER MARKET PACKAGING & WAREHOUSE – **PSILORITIS** – 10.000 sq m
- PACKAGING OF AGRICULTURAL PRODUCTS – **PASCHALIS KRETA SA** – 6.000 sq m
- DAIRY PRODUCTION - **EVGA** – 5.500 sq m (FACILITIES MAINTANCE)
- PRODUCTION UNIT OF DOUGH - **EVOIKI ZYMI SA GREECE** – 7.900 sq m
- COMFITS PRODUCTION UNIT – **DRAGEES HATZIYIANNAKIS SA** – 5.000 sq m
- BAKERY PRODUCTS - **PAPADOPOULOS SA** – 5.000 sq m (FACILITIES MAINTANCE)

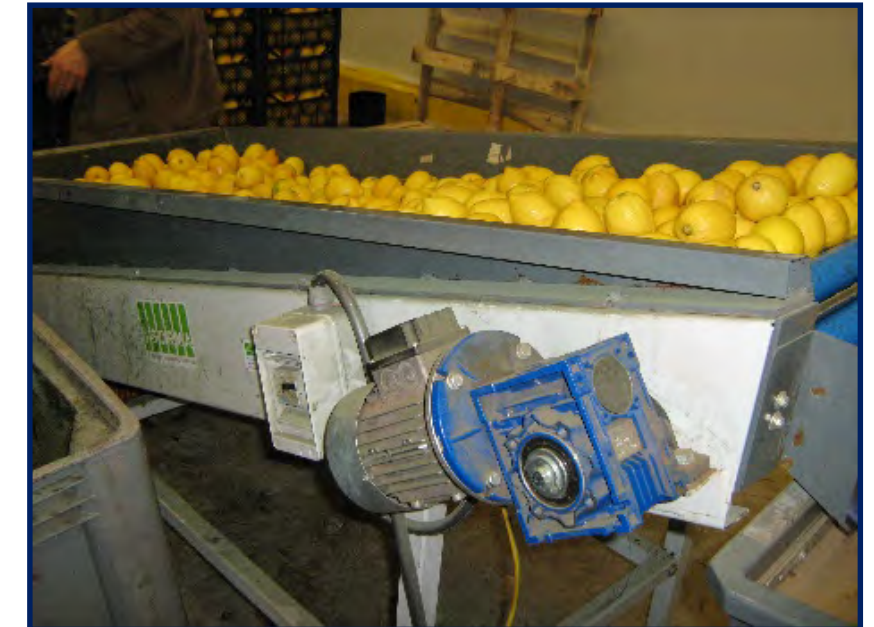


Packaging and Warehousing

Banana ripening rooms

Grape rooms

Citrus rooms





Ready to eat / 4<sup>eme</sup> gamme





## DAIRY INDUSTRY

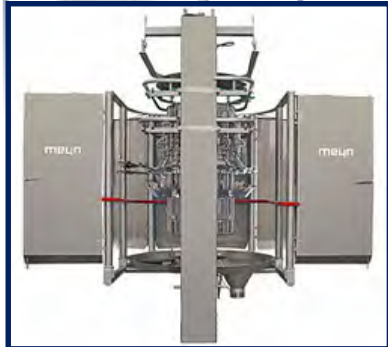
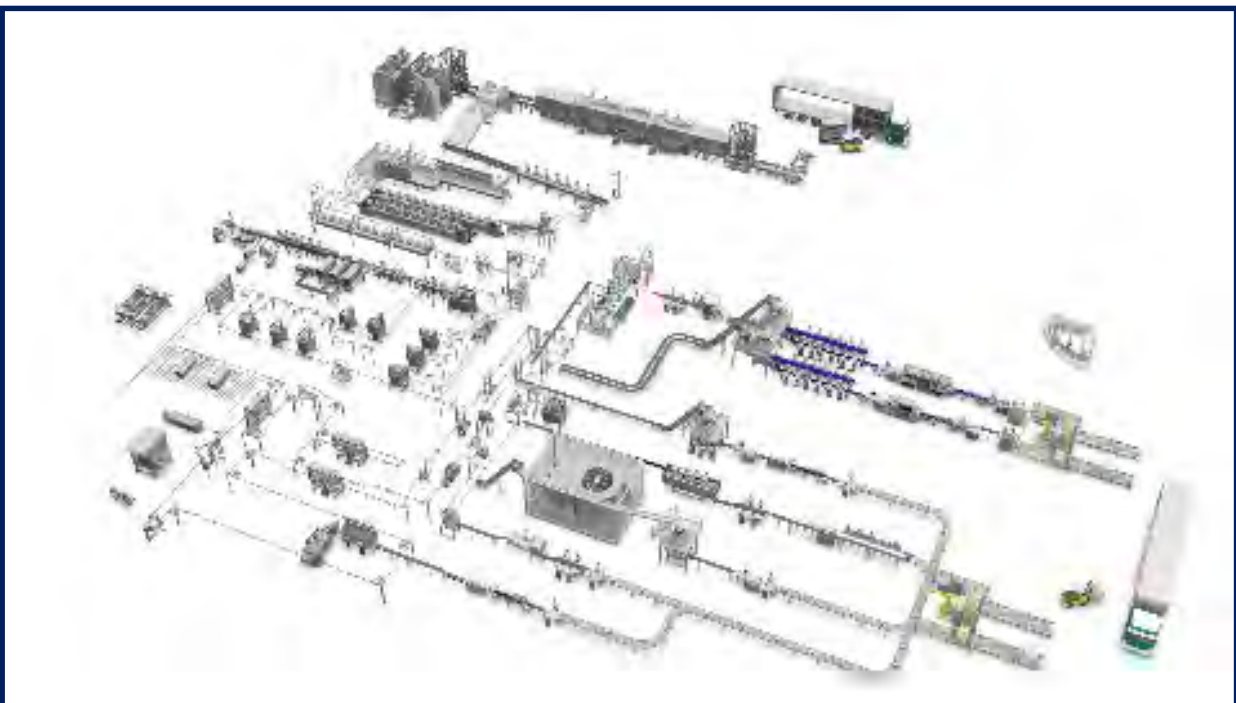
IBLS and its collaborator **Aktinaplan** provide engineering solutions for complex process applications in **Dairy & Beverages industry sector**.

We provide turnkey automation applications, instrumentation & modular process machinery, representing the most awarded brands.

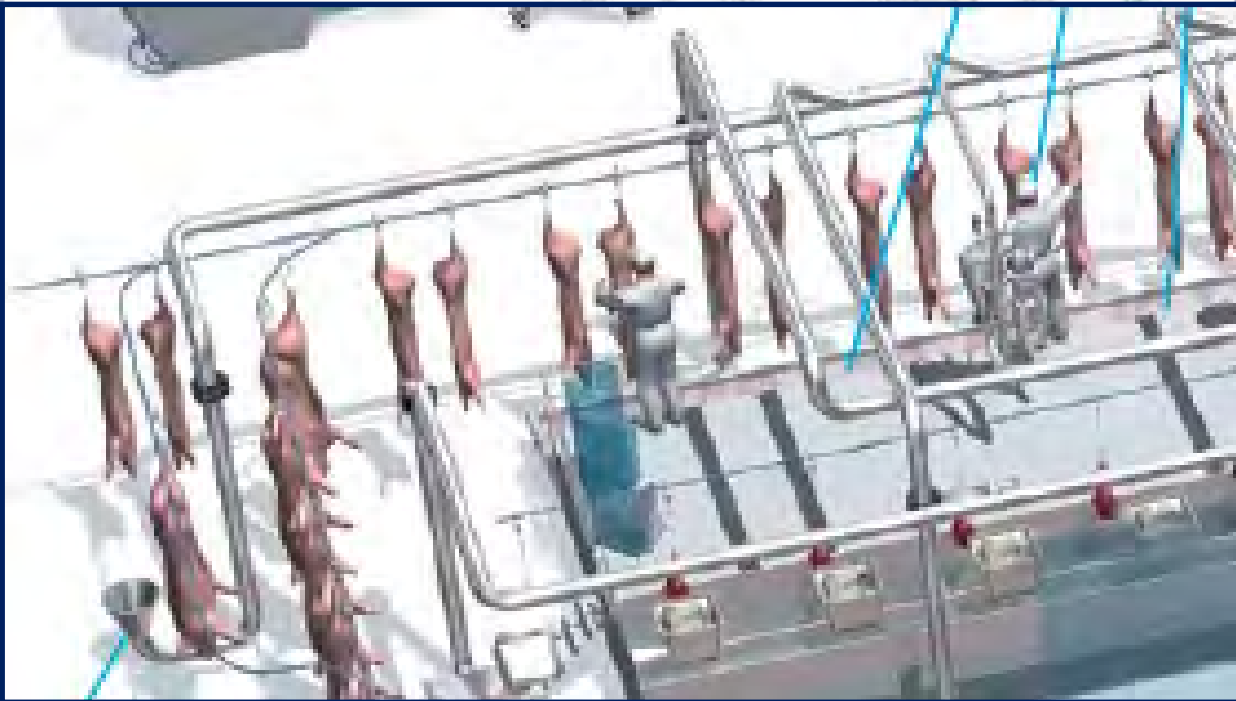




Poultry

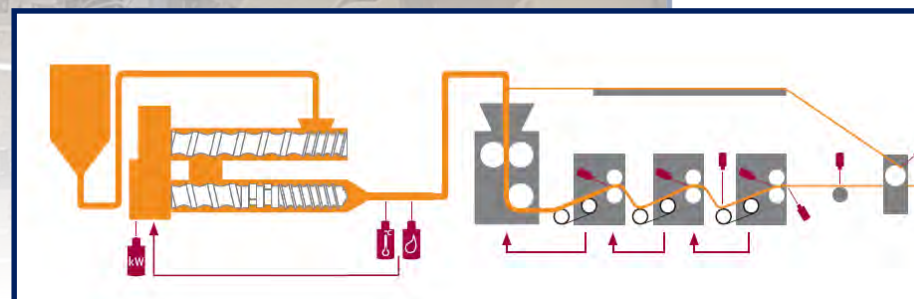


Meat





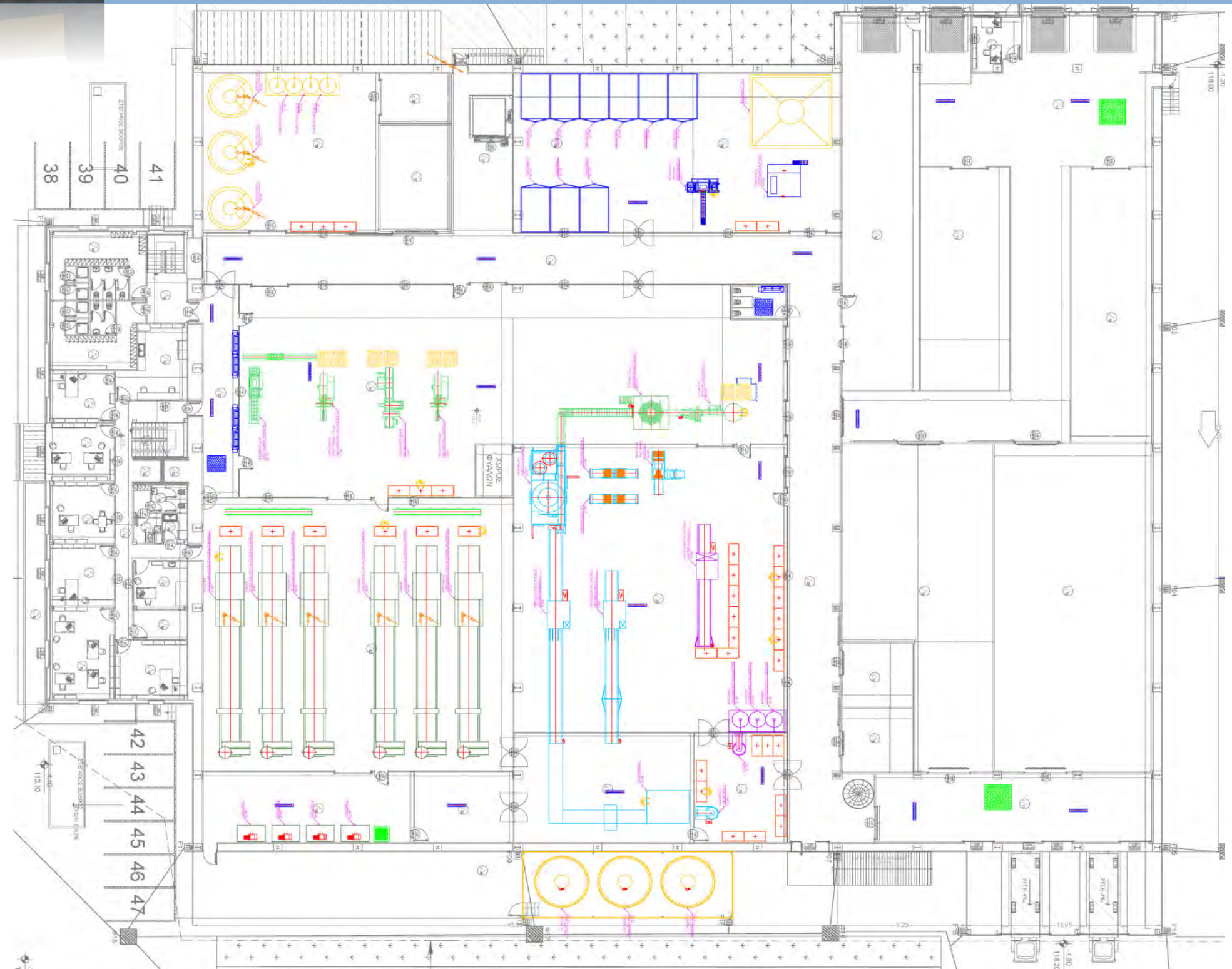
## BAKERY - PASTRY



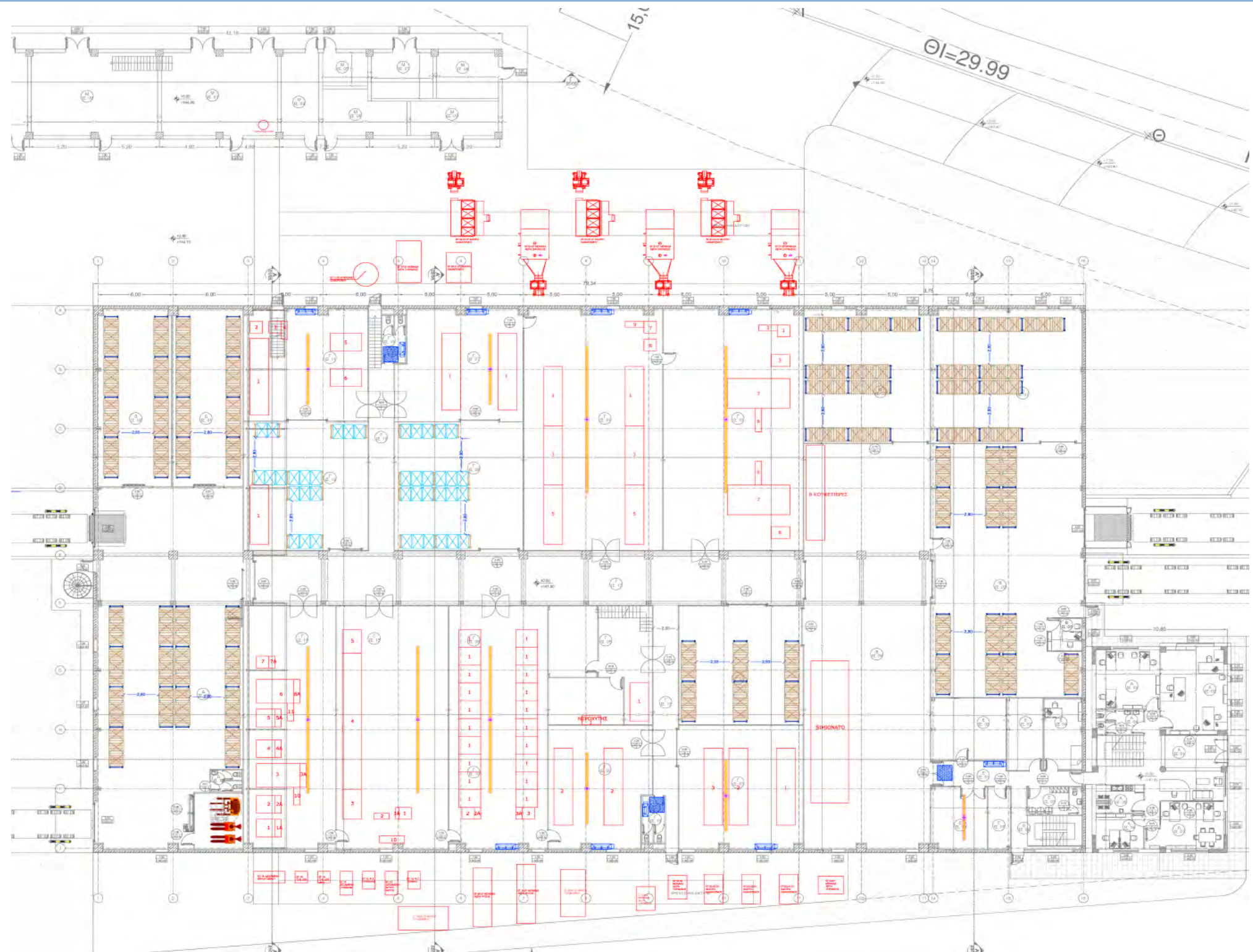
HATZIYIANNAKIS



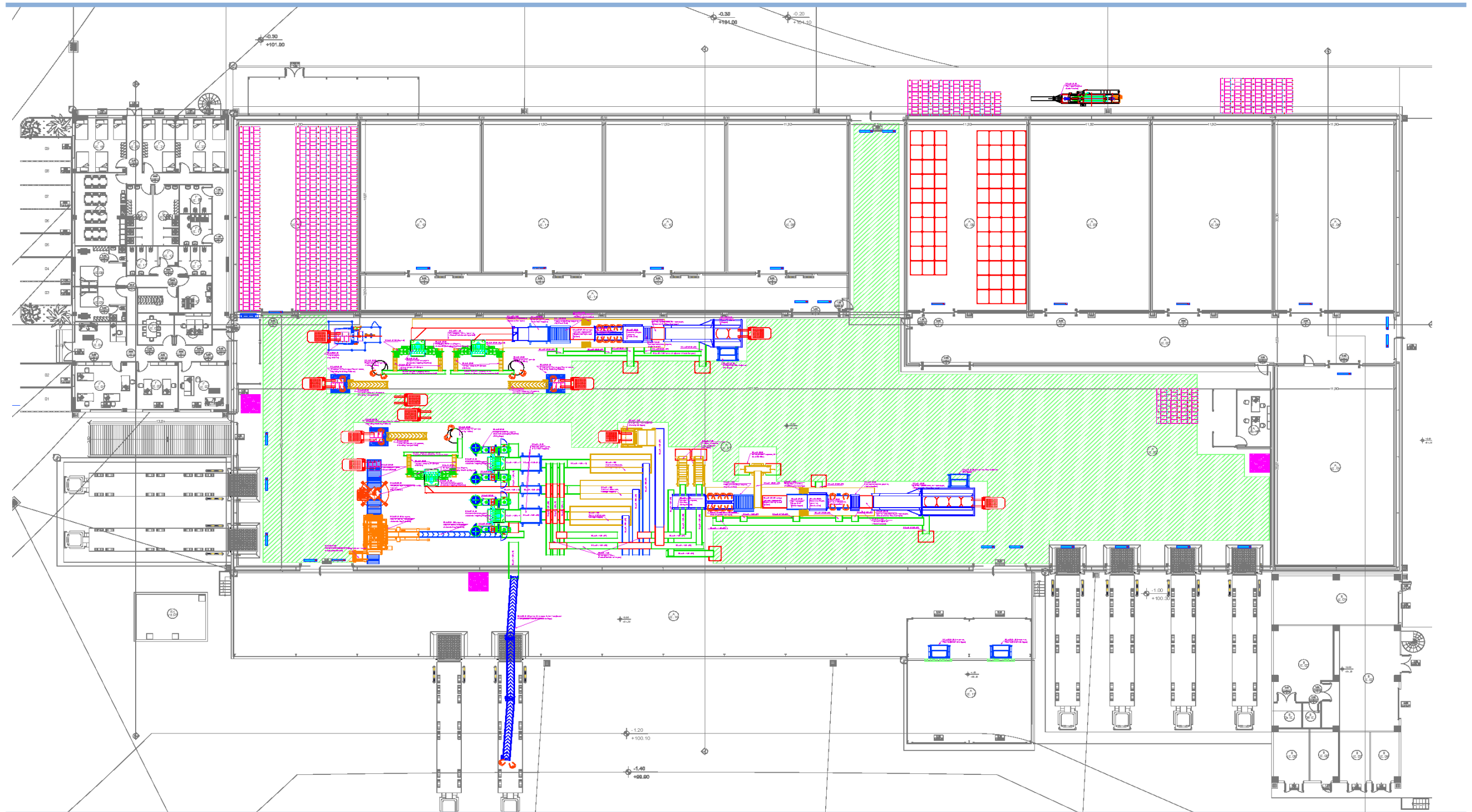




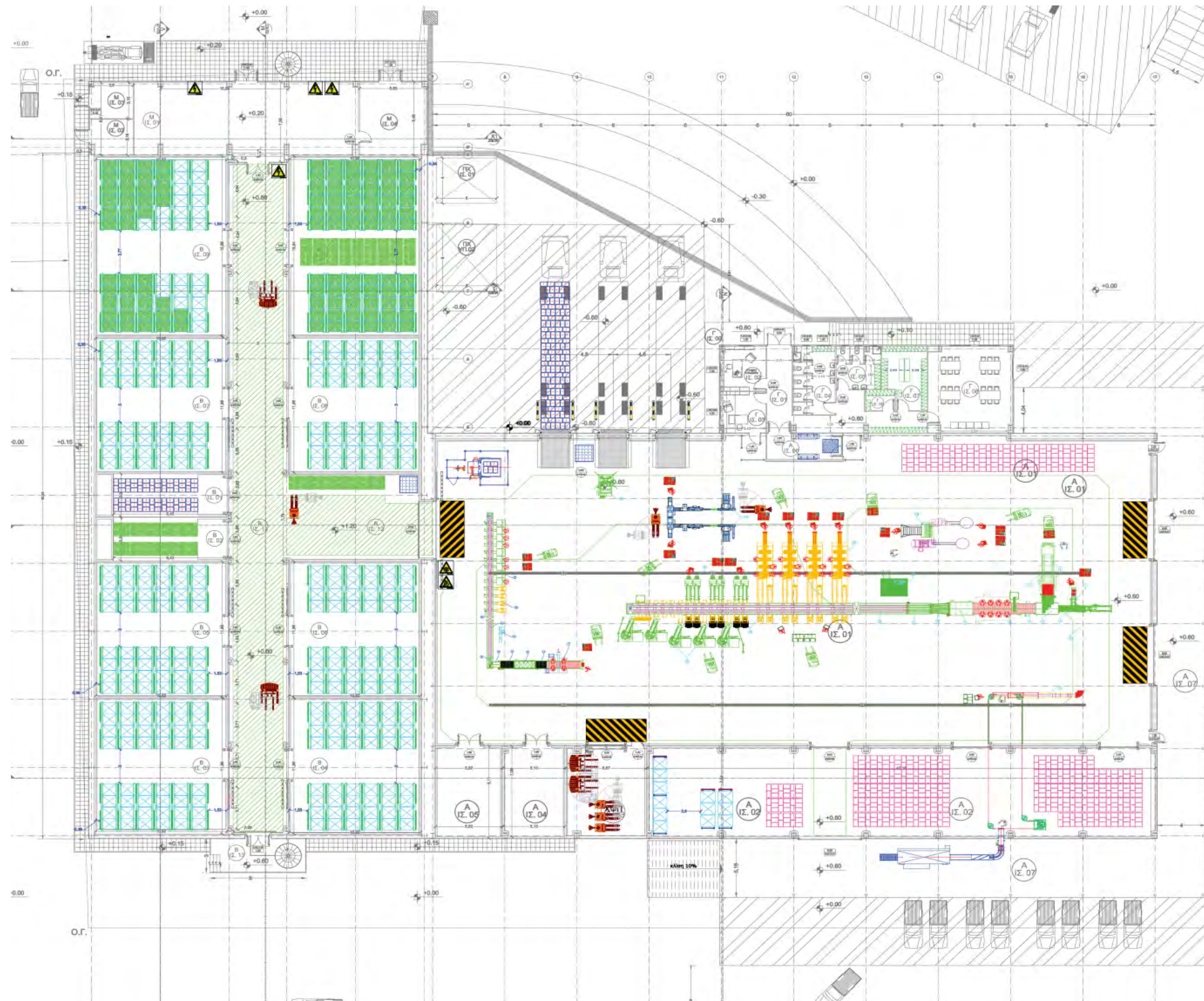








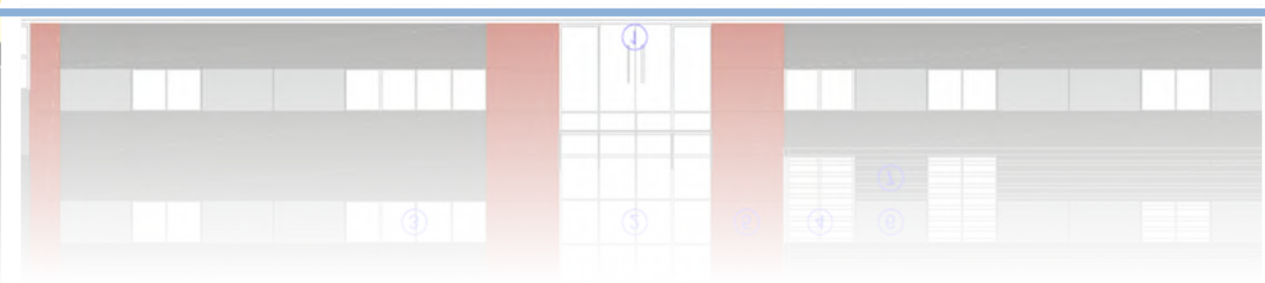
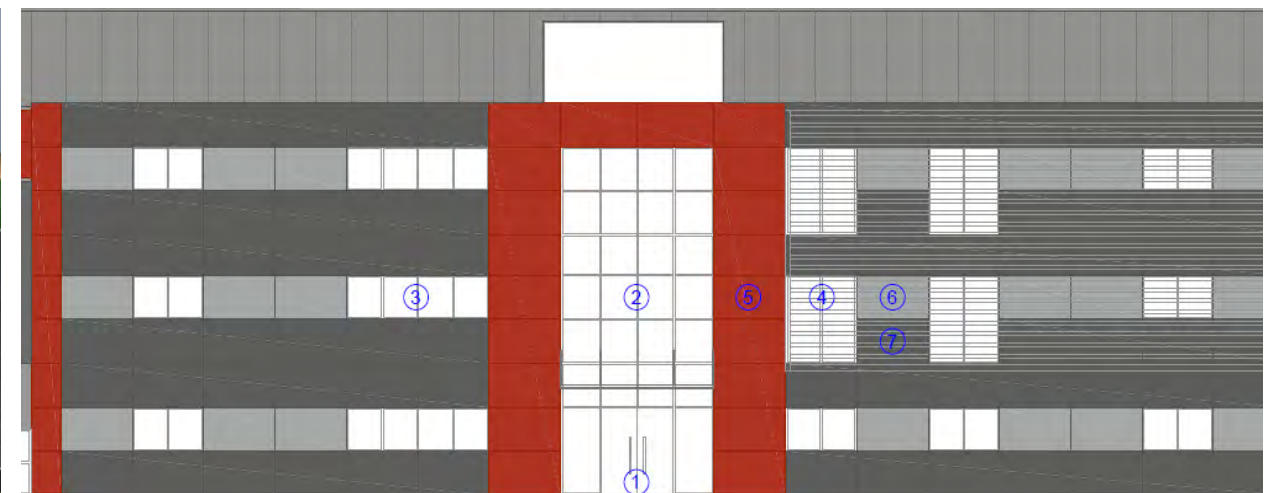




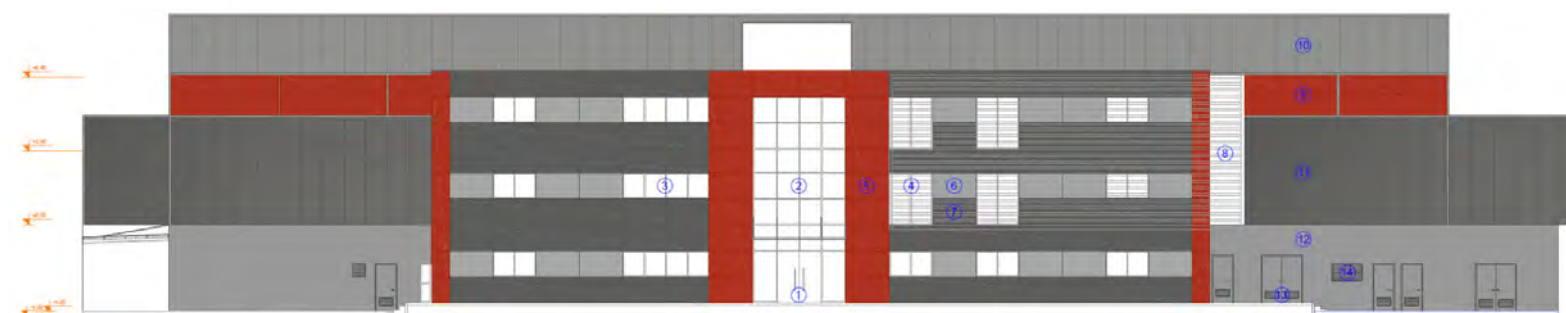
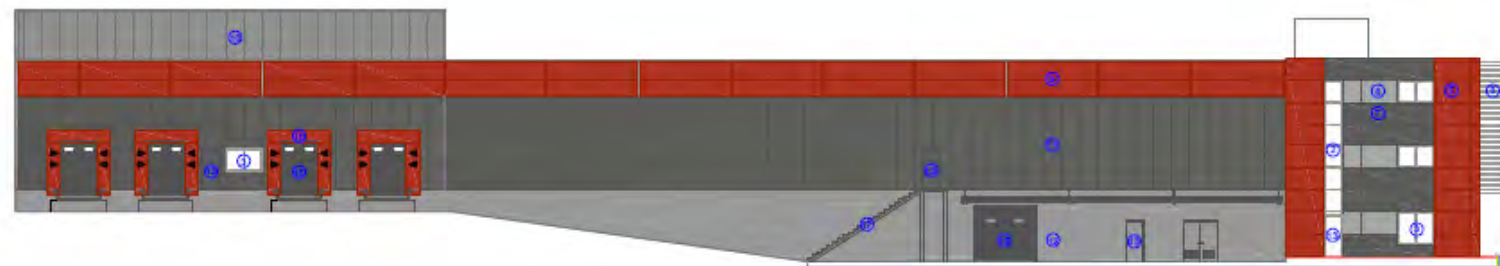
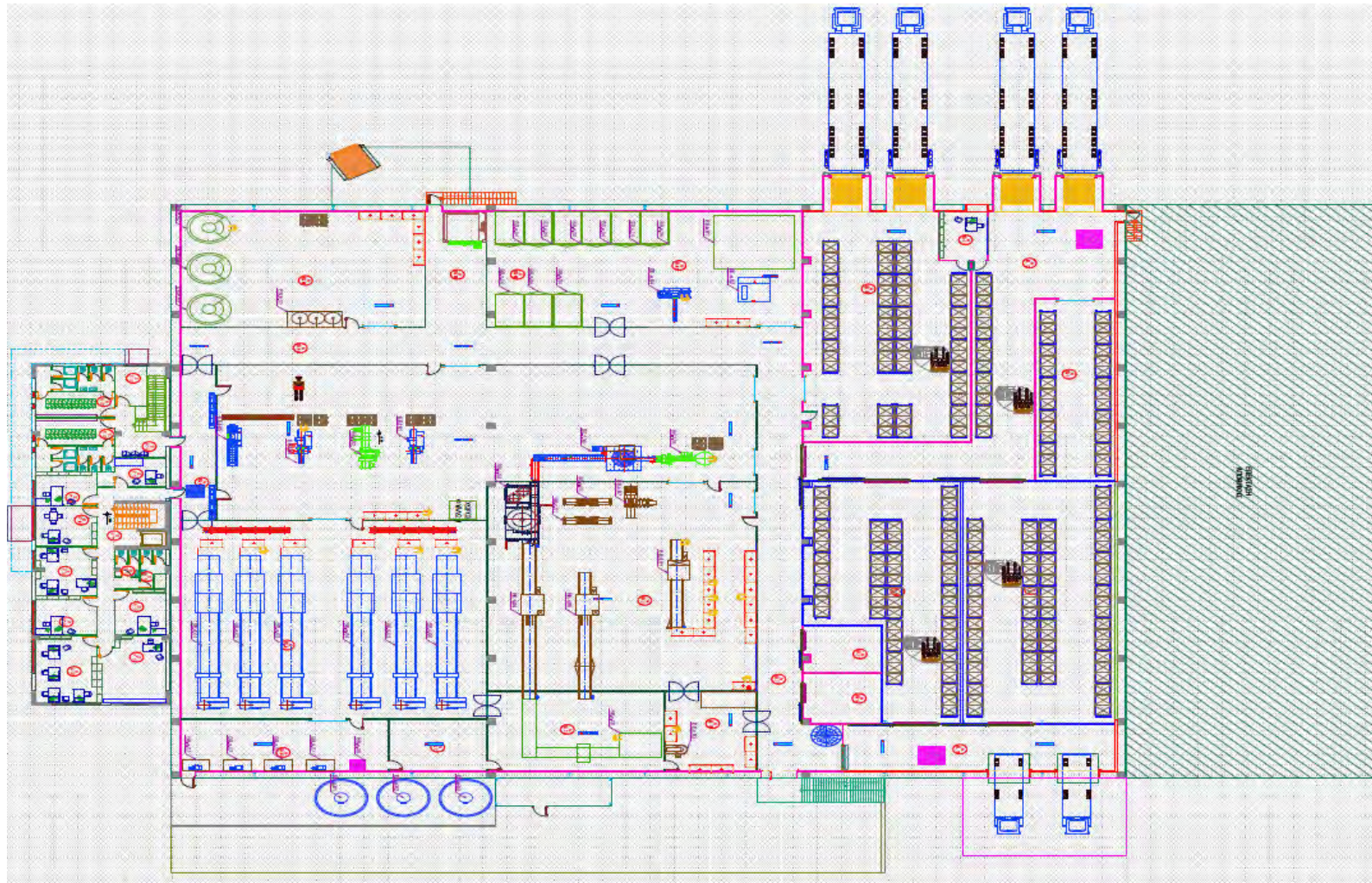


## ibls SERVICES:

1. Requirement Analysis
2. Full Design of New Plant at Chania
3. Project Management of New Plant at Chania





DESIGN & PROJECT MANAGEMENT OF NEW PLANT AT CHANIA - EVOIKI ZIMI : 7.900 m<sup>2</sup>



## Logistics & Supply Chain

- LOGISTICS PARK BOU FSILA - **ALI BIN ALI** – 155.000 sq m
- LOGISTICS PARK AT SOHAR FREE ZONE - **WPL** – 60.000 sq m
- COLD STORAGE PROJECT - **LOYALTY BUSINESS DEVELOPMENT & INVESTMENT** – 25.000 sq m
- STORAGE FACILITY AT ST. NO.2 - **GULF WAREHOUSING COMPANY** – 3.000 sq m
- PHARMACEUTICAL & DISTRIBUTION WAREHOUSE IN RIYADH - **AL DAWAA** - 30.000 sq m
- PHARMACEUTICAL & DISTRIBUTION WAREHOUSE IN JEDDAH - **AL DAWAA** - 45.000 sq m
- WAREHOUSE PARK AT KAEC - KING ABDULLAH ECONOMIC CITY INDUSTRIAL VALLEY – **WPL** – 49.000 sq m
- LOGISTICS CENTER SHK AW-LP-A-054 – **KHALID SHAREEF AL-EMADI Co** – 20.000 sq m
- LOGISTICS VILLAGE IN ATHENS - **TRANSCOMBI EXPRESS** – 100.000 sq m
- LOGISTICS VILLAGE- **PROLOGIS** – 200.000 sq m
- LOGISTICS CENTER - **OMEGA** – 11.000 sq m
- LOGISTICS CENTER - **TOYOTA MATERIAL HANDLING GREECE** – 4.000 sq m
- LOGISTICS CENTER – **FRESCO** – 12.000 sq m
- LOGISTICS CENTER – **SCONDO MARKER**– 4.000 sq m
- LOGISTICS CENTER – **F&B CASH&CARRY** – 5.000 sq m
- LOGISTICS CENTER – **CHOROCOM ATE**– 25.000 sq m
- LOGISTICS CENTER – **KUEHNE + NAGEL S.A** – 16.000 sq m

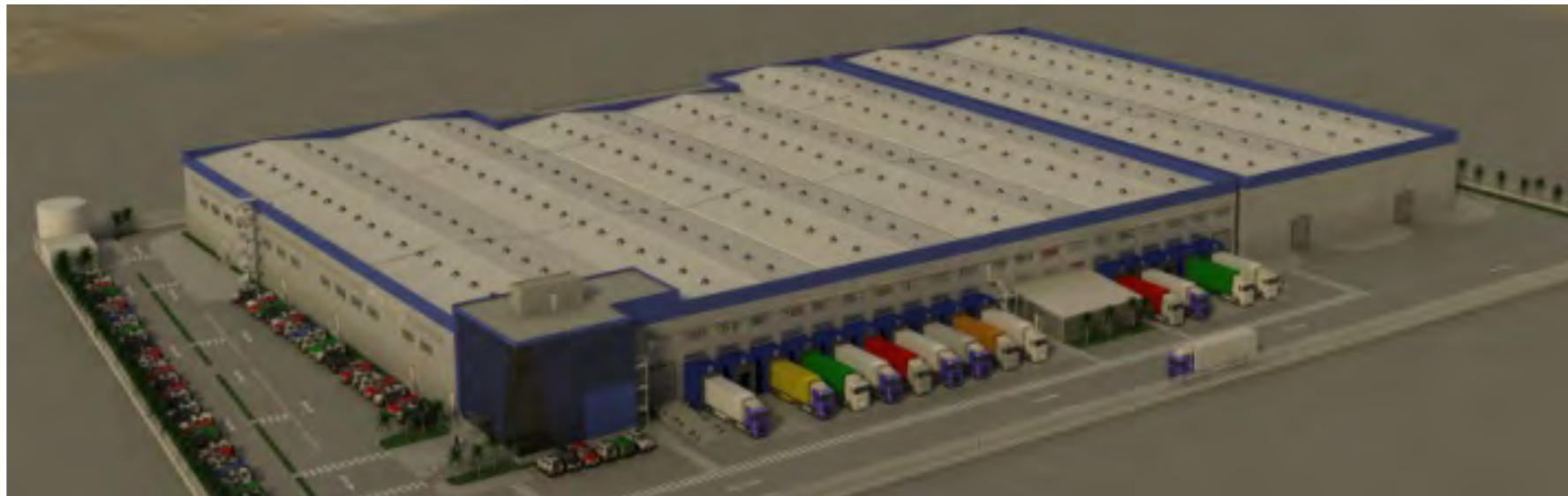


ALI BIN ALI (2016-17) - PROJECT BUDGET: 650.000.000 QR





LOYALTY BUSINESS DEVELOPMENT & INVESTMENT(2016-17) - PROJECT BUDGET: 90.000.000 QAR





GULF WAREHOUSING COMPANY (2016) - PROJECT BUDGET: 10.000.000 QR





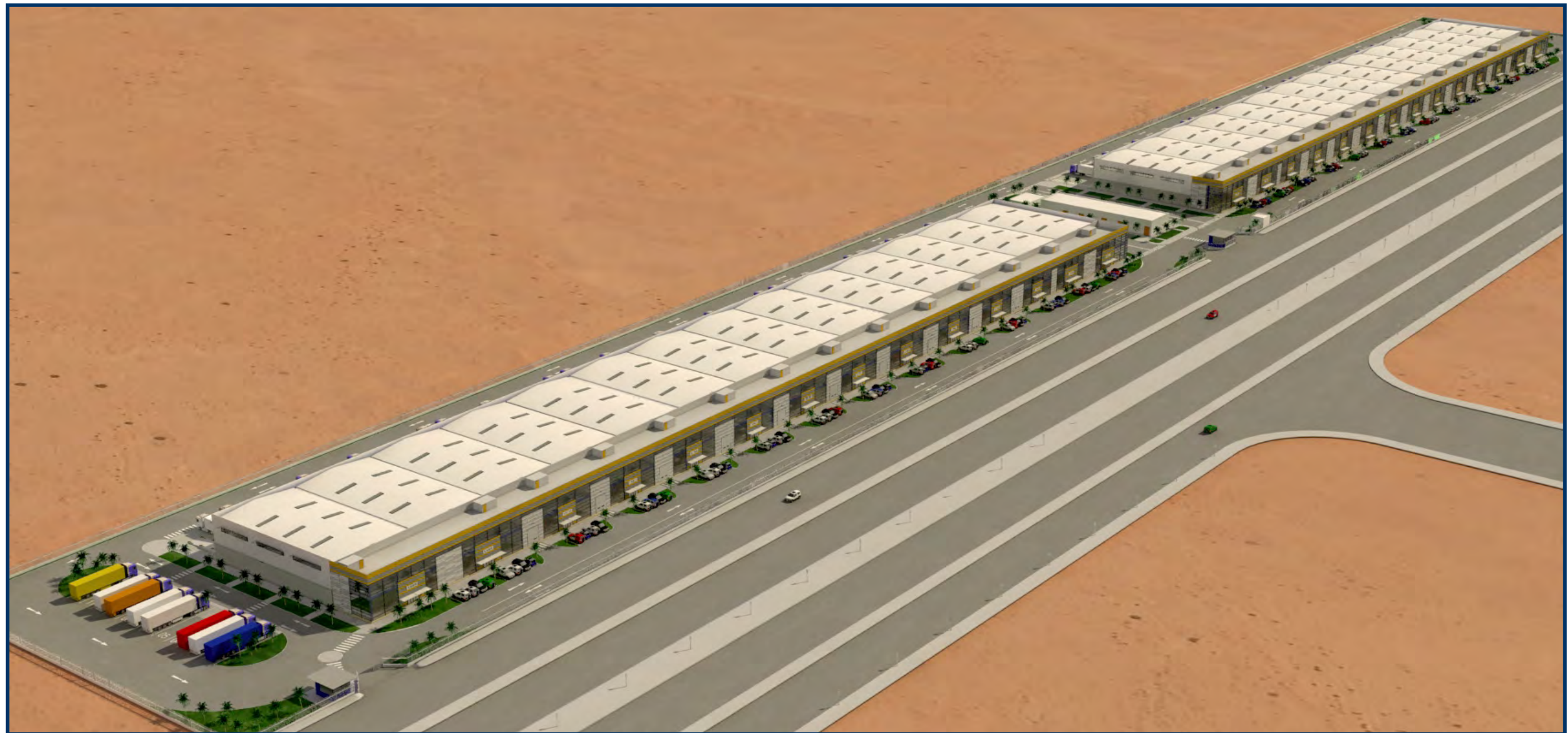








(2016-17) 49.000 m2 / Project Budget : 65.000.000 SAR

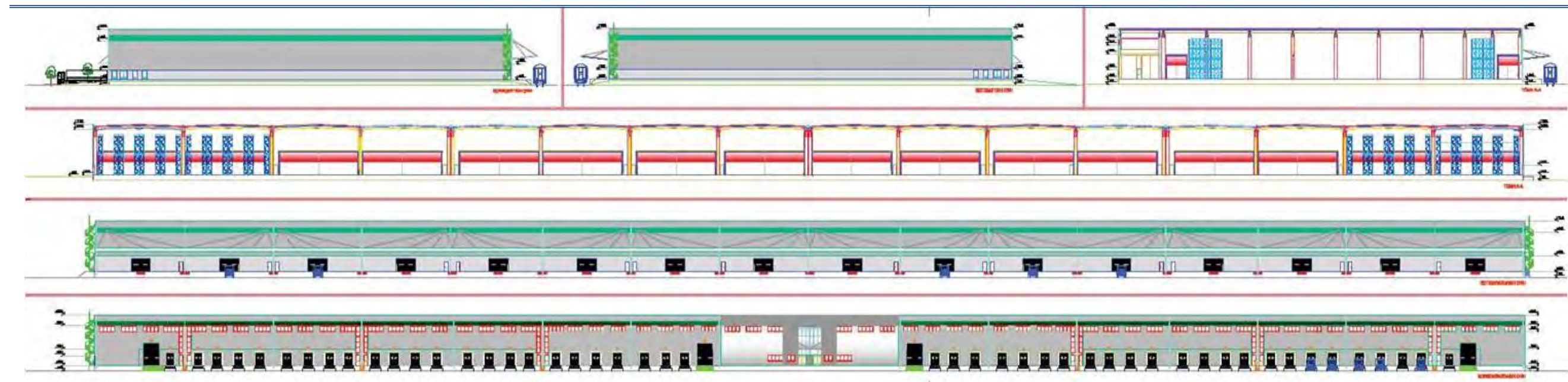
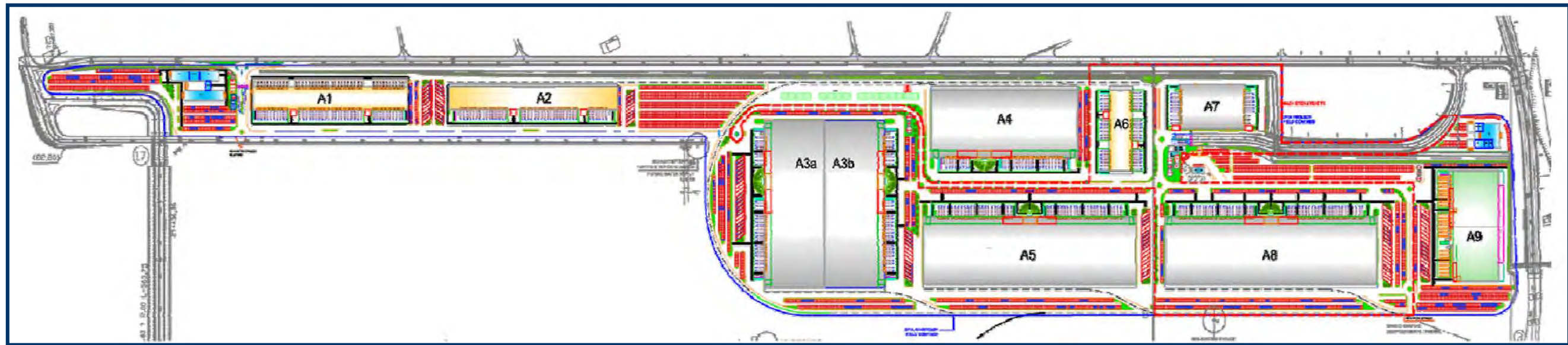




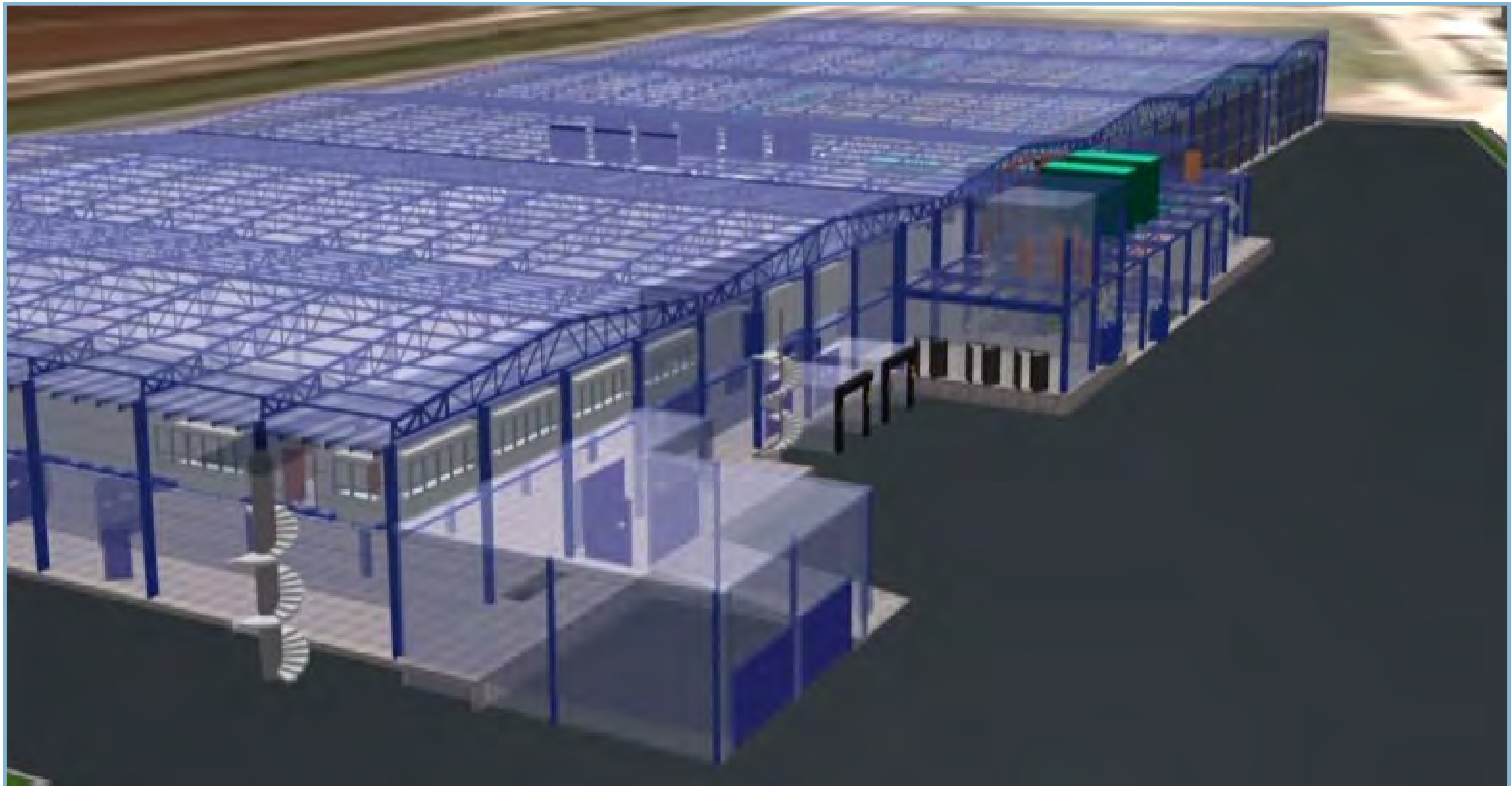




PROJECT BUDGET: 120.000.000 €







Warehouse Fruit Cold Store & ready to eat vegetable (Chilled)





## Warehouse Fruit Cold Store & ready to eat vegetable (Chilled)





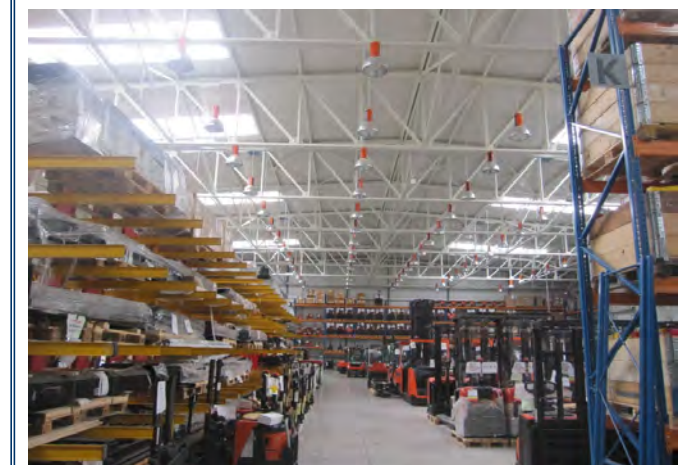
Warehouse dry cargo h=14m







PROJECT BUDGET: 3.500.000 €





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