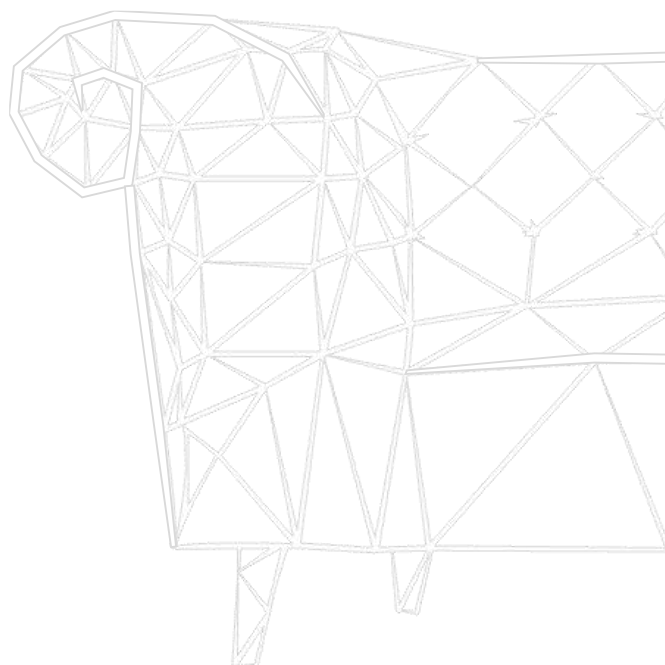


# ORWOOD®

**BE A PART OF EVERY PROJECT**

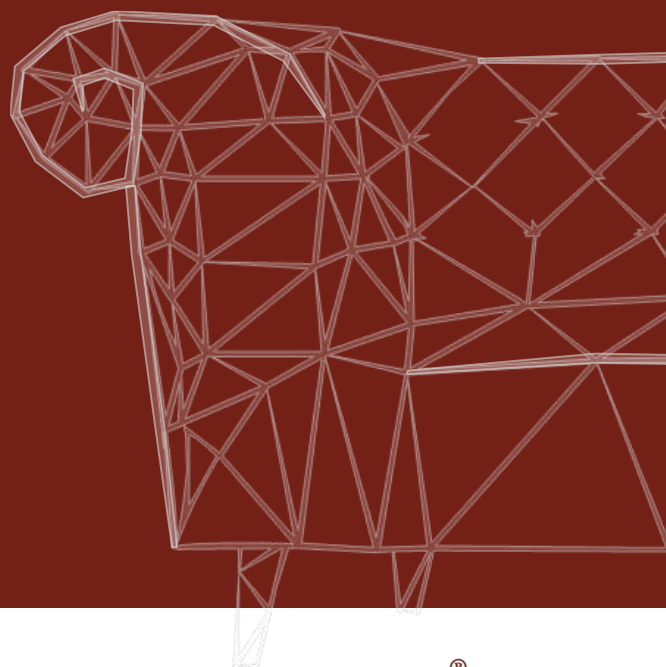
PREQUALIFICATION



# INDEX

A	COMPANY OVERVIEW
B	ENTITIES
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2	REFERENCES
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4	PROUDLY WORKED WITH
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10	TESTING REPORTS
11	PORTFOLIO
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13	FIRE RATED DOORS

# COMPANY OVERVIEW



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ORWOOD®

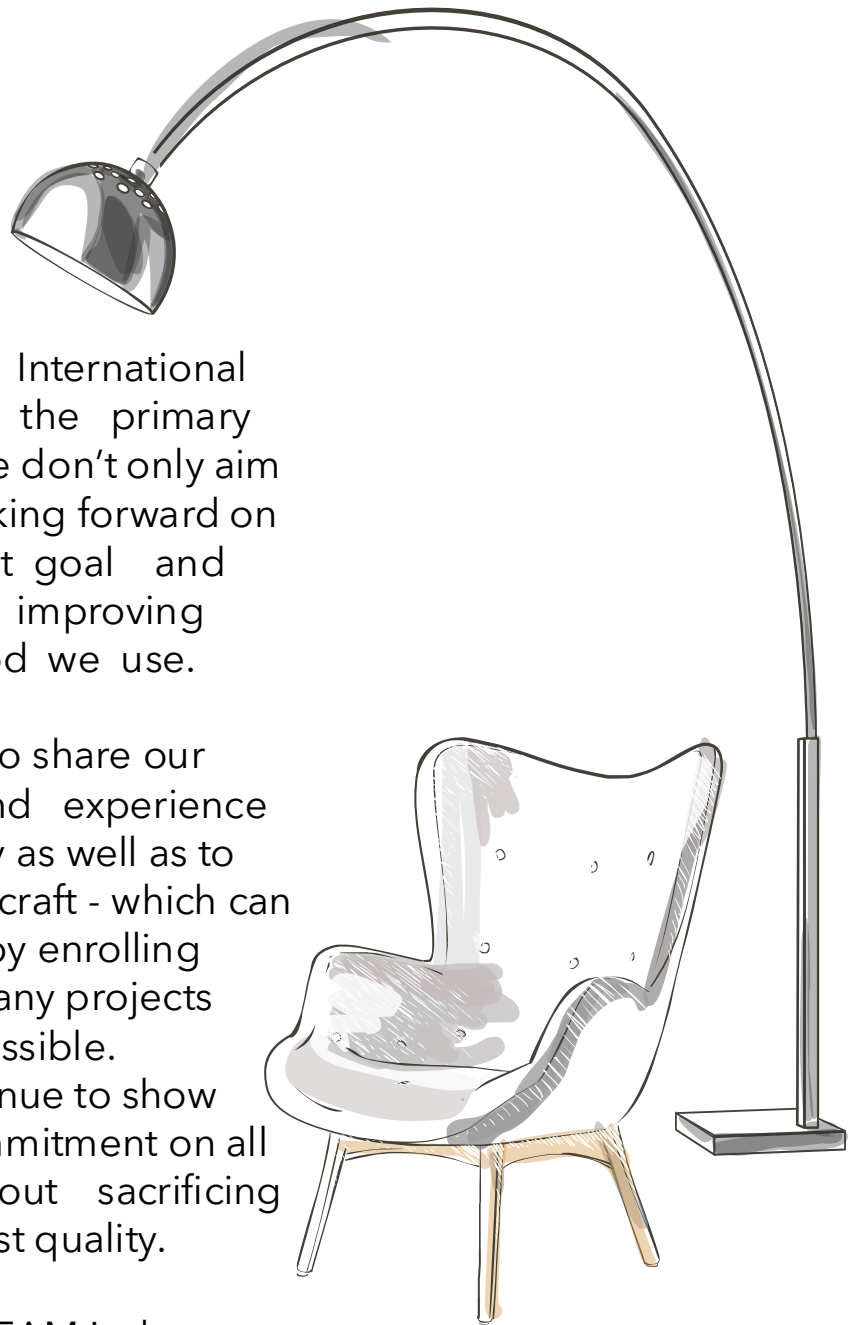
# ORWOOD®

Global and International presence is the primary objective. We don't only aim but also working forward on reaching that goal and continuously improving every method we use.

Our goal is to share our expertise and experience to everybody as well as to develop our craft - which can be attained by enrolling ourselves in any projects anywhere possible. We will continue to show outmost commitment on all projects without sacrificing time and best quality.

ORWOOD TEAM is the structure of company who is looking for one and only target which is ...

To Be a Part of Every Project





# interior design & fitout

SIMPLY ...  
WE ARE A  
CREATIVE MODERN  
INTERIOR DESIGN  
AND FIT OUT COMPANY



# MISSION

to provide the  
qualified solution  
for the right space.

# VISION

to be a part of every  
project.

345K+  
Items Produced

200+  
Completed Projects

22+  
Countries

24+  
Years of Experience



# We are in ...



TURNKEY  
SOLUTIONS



FF&E



CONTRACT  
FURNITURE



Value  
Engineering

# How We Work...

## 1 STUDYING



Receiving vision, ideas, designs, cut sheets, architect and ID file. Analyzing, estimating, and submitting technical and financial proposal, considering the market and quality.

## 2 DESIGNING



Moving deeply in the space together with client, producing renderings, specifying materials, calculating quantities, material boards, and drawing technical details... Finally preparing the design package.

## 3 PLANNING



Brainstorming and listing all ideas. Finalizing plans and furniture layout taking in consideration the efficiency of circulation and space using.

## 4 EXECUTING



Stepping on the site with the design package. Managing the works, supervising the quality, and applying ORWOOD experience on ground. Making client visions real.

# What Makes Us... **UNIQUE**

## Accuracy

ORWOOD are distinguished from the rest of the competitors in this field through our industry which relies on high precision because we use advanced technologies such as CNCs and thus ensure accuracy in production, high quality and speed to satisfy our customers in addition to the appropriate prices that we offer to customers.

## Mastery

Ability to fabricate different types of creations and models according to the nature of each market and different customer requirements.

The long experience in the field increased ORWOOD's professionalism and flexibility in dealing with complexity.

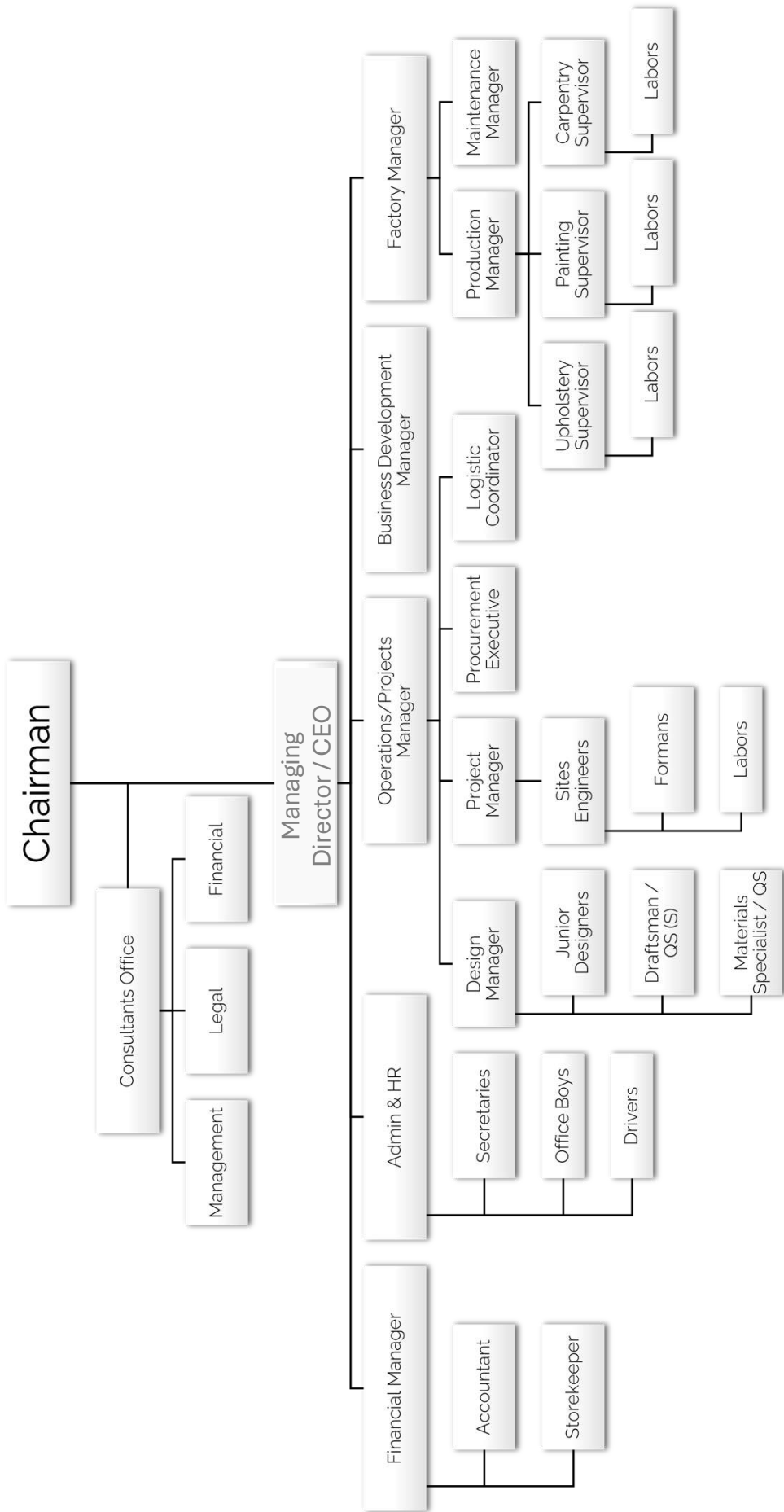
## ECO Friendly

Recently - there has been a growing interest in environmentally-friendly materials. As large number of people are beginning to take care of the so-called carbon footprint. With vases, jugs and chandeliers made from recycled materials, up to carpets woven from melted plastic yarns, to chairs made of wood on which rusty nail holes remained. There are some concepts that can guide us to choose environmentally friendly materials.

## Creativity

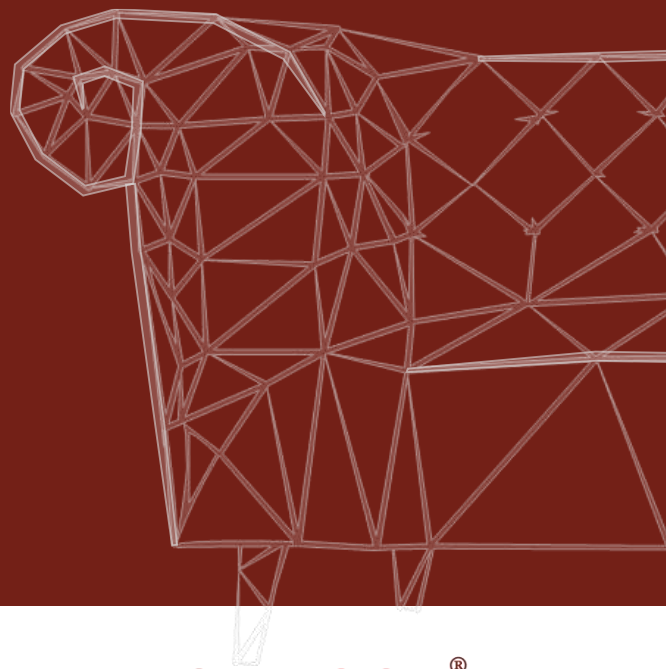
Ability to create and implement designs that meet the wishes and aspirations of clients, each depending on nature, style and materials they desire. ORWOOD uses a variety of raw materials designs that vary depending on the size of the project, Furniture and furnishings vary from modern furniture to international standards - and traditional furniture inspired by local heritage.

# ORGANIZATION CHART





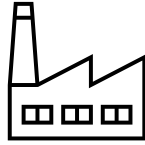
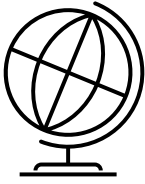
# ENTITIES



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ORWOOD®



SILADO

ORWOOD excels in delivering turnkey FF&E and Joinery solutions with a strong focus on project management.

From planning to execution, we ensure quality, timeliness, and cost-efficiency across every stage, tailored to meet the unique demands of each project.

ORWOOD:  
To be a part of every project

Hi Mobilya is a Turkish brand offering simple, smart, and flexible furniture solutions.

Our 100% Turkish-made designs fit effortlessly into any space—blending creativity with practicality.

Specializing in wholesale, we deliver quality furniture to over 20 countries worldwide.

Hi Mobilya:  
Simple. Smart.  
Everywhere.

SILADO is our creative force in Italy, specializing in high-end interior and furniture design.

With a deep understanding of aesthetics, functionality, and trends, SILADO brings elegance and innovation to every project, shaping distinctive spaces with precision and style.

SILADO:  
Italian design.  
Global impact.

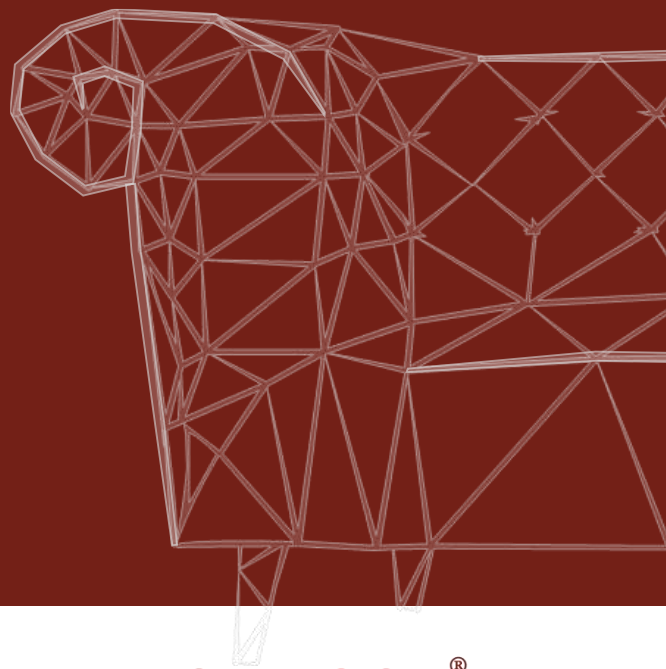
# FACTORY & FACILITIES





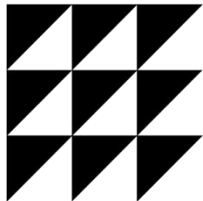


# EXPOS & EVENTS



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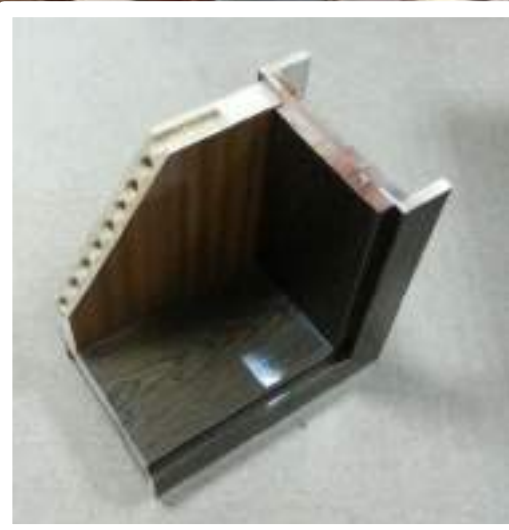


























hôtel show



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ORWOOD®





hôtel show



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hôtel show



ORWOOD®



# 3rd Annual Africa Hotel Expansion Summit



# 3rd Annual Africa Hotel Expansion Summit



# 4th Annual Africa Hotel Expansion Summit





# 4th Annual Africa Hotel Expansion Summit

CORRIDOR OF INSIGHTS  
**Lnoppen**

## 4th Annual Africa Hotel Expansion Summit

8<sup>th</sup> - 9<sup>th</sup> September 2016 | Dar Es Salaam, Tanzania

**ORWOOD®**  
Hotel Fitout Solutions

Gold Sponsor

**Our Mission:** is to provide the qualified solution for the right space.

**Our Vision:** is to be a part of every project.



**ORWOOD** is a multinational organization that has one of the most experienced team who can give the solution of all parts of the interior works.



**ORWOOD** major activity is to provide an interior Turnkey Solution for the whole project or a part of it. Turnkey means to receive client's verbal requirements and turn them into real visual elements.



**ORWOOD** provides variety of services as follow:

- Interior contracting
- Interior design
- Wooden doors, kitchens, and wardrobes

### OUR CLIENTS



#### Dubai Office

P.O.Box 91402  
Dubai – UAE  
Tel: +971 4 8800631  
Fax: +971 4 8800632  
[info@orcompanies.com](mailto:info@orcompanies.com)



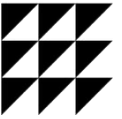
#### Dar Es Salaam Office

P.O.Box 105102 Masaki  
Dar Es Salaam - Tanzania  
Tel: +255 774 880633  
[orwoodes@orcompanies.com](mailto:orwoodes@orcompanies.com)

**ORWOOD®**













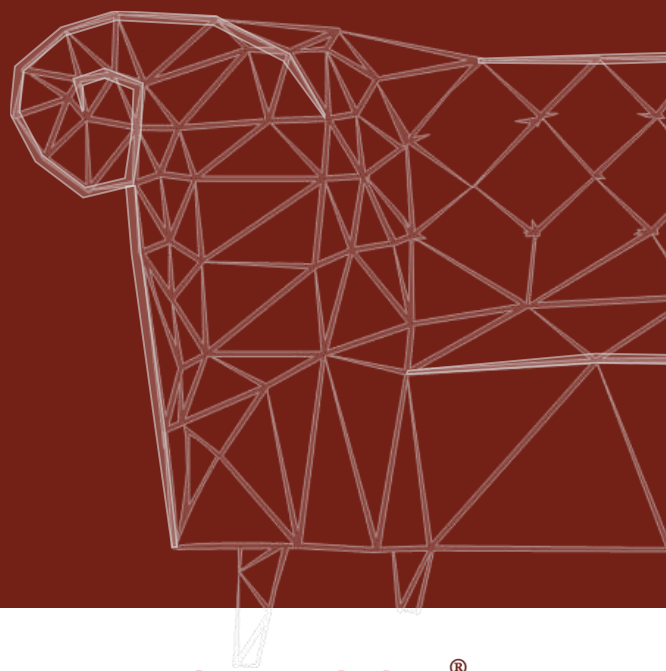








# REFERENCES



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ORWOOD®

# Reference Letter



## TO WHOM IT MAY CONCERN

This is to certify and put on records that M/s ORWOOD (ORIENT PALACE BUILDING MATERIALS LLC), undertook and completed all the interior wood-works on a turn-key basis.

From timely supplies, installation and handover the ORWOOD team stood by us and completed the project in lines with the quality and timelines.

The quality of materials and workmanship is excellent and at par with best in the industry.

Their support during the project stage was remarkable and their turn-around after project handover was exemplary.

Their support to the hotel even after two years of handover, continues unabated.

We would readily and strongly recommend ORWOOD (PALACE BUILDING MATERIALS LLC) to any hotel and/or project for their works and support.

We would ourselves appreciate to use their expertise and services for our other projects that may come up in time.

Saumitra Gaur  
General Manager  
Ramada Encore Dar es Salaam





Page 1 of 1

J22-030-523  
12<sup>th</sup> October 2022

## To Whom It May Concern

We, Afrina Company for Construction & Urban Development, hereby acknowledges:

**ORWOOD International LTD**  
Tahtakale mah. Firat 1 cd. No.59.  
Istanbul - Turkey

As an approved and certified vendor (manufacturer, supplier, installer) for the products of doors and bathrooms vanities.

We would recommend ORWOOD International LTD for projects inside/outside the Kingdom of Saudi Arabia.

Yours faithfully,

  
**Khalil Baibey MBA**  
Managing Director



Jeddah / KSA  
Afrina Company for Construction & Urban Dev.  
info@afriina.net  
+966 (12) 229 9029

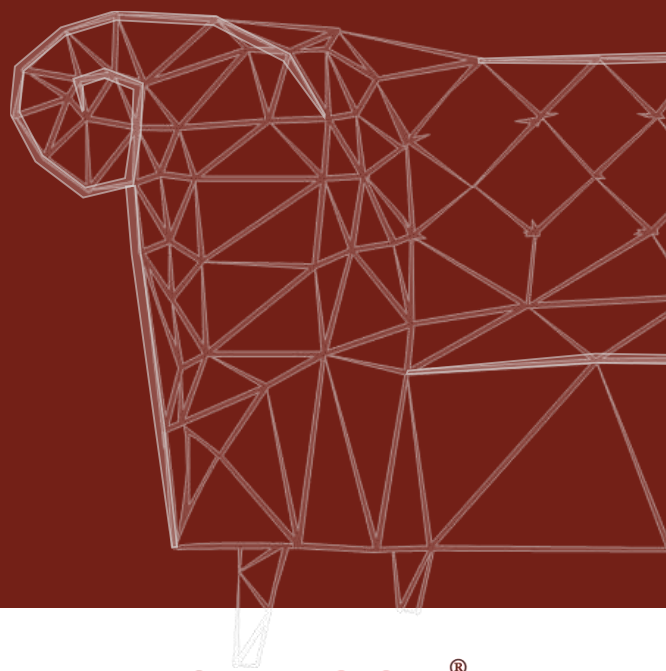


BUILDING  
THE FUTURE





# AWARDS



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ORWOOD®



# AWARDS



In 2014, ORWOOD, a renowned global leader in interior design and fit-out services, earned prestigious recognition for its outstanding contributions to the industry. With an impressive portfolio of over 200 successfully completed projects across various sectors, ORWOOD has solidified its reputation for delivering innovative and high-quality solutions worldwide.



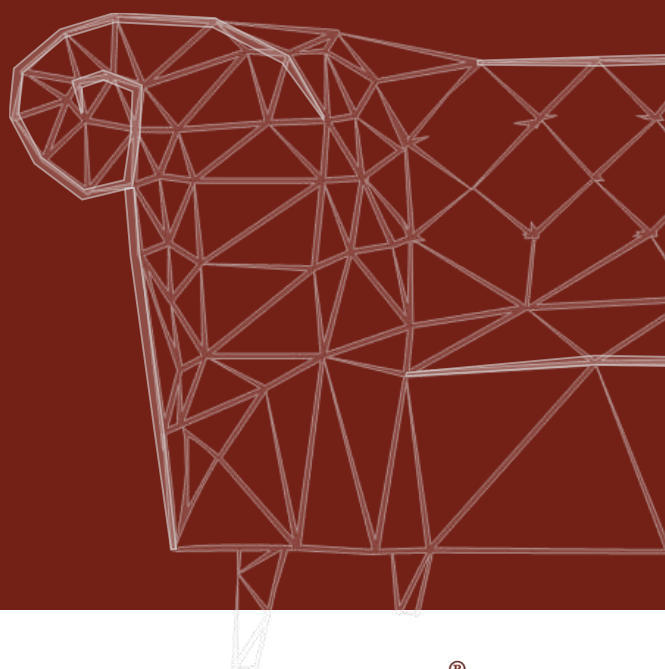
Specializing in **contract furniture, turnkey solutions, and design development**, ORWOOD combines creativity, precision, and functionality to transform visions into reality. Their expertise extends to crafting tailor-made interiors that meet the unique needs of their clients, consistently setting new standards in design excellence and client satisfaction.



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ORWOOD®

PROUDLY  
WORKED  
WITH



---

ORWOOD®





**DAMAC**

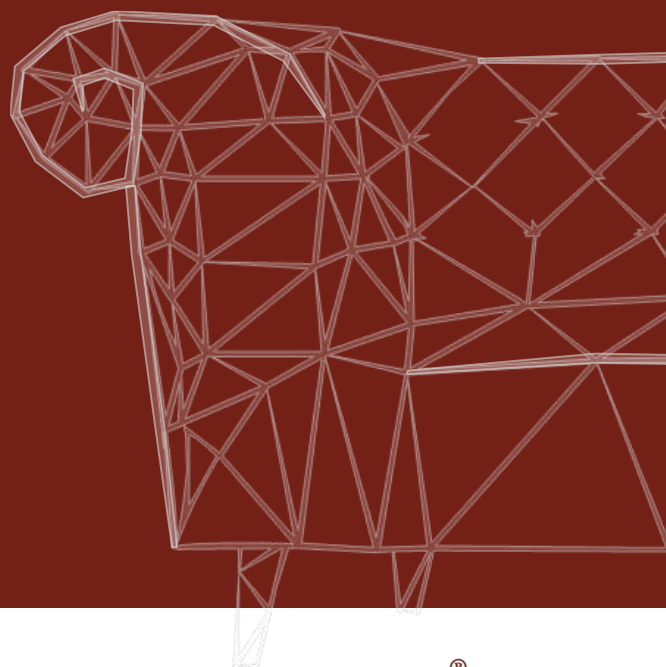
**roberto cavalli**



**ORWOOD®**



# METHOD STATEMENT



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ORWOOD®

The method statement essential process based on contracting; comes in three main stages:

## Pre-Award

### Developing the offer:

- Understanding the customer's requirements and can deliver value for the contract.
- Developing a win strategy covering execution and risk mitigation plans.
- Submit a final offer.

## Award

### Negotiating & Signing the Contract:

- Contract drafting, negotiating and clarifying.
- Contract preparation by legal team to manage legal conformity, resolving any conflicts between the contracting parties as well as any final issues.
- Contract exchanged and signed.

## Post-Award

### Performance Monitoring and Contract End:

- Contract implementation with its financial conditions.
- **Project Execution** & fulfill all contract requirements.



# Monitoring & Quality Control

- Implementation according to timeline schedule.
- Quality control is applied during the project workflow according to the phases:
  - Technical Study,
  - Project Implementation,
  - Delivery and Installation,
  - Handover,

Quality control can go beyond internal implementations to follow up with the customer to provide the correct instructions and procedures for external implementations.

Post-Award

## PROJECT EXECUTION

### Project Initiation

What, Who & How

### Planning

Assign, Define & Plan

### Technical Study

Study, Spec & Arrange

### Fulfilment

Tuned, Engage & Report

### Delivery & Installation

Receive, Arrange & Install

### Handover

How to Handle End Matters

### After Sales

Care, Support & Advice

# Project Initiation

## What, Who & How

- ①
  - What is the project scope?
  - What the project is aiming to achieve?
  - What are the project needs?
- ②
  - Who is going to be involved in managing the project, controlling the documents and what are their responsibilities?
  - Who are the project stakeholders?
- ③
  - How and when will the project be delivered?
  - How will risk be managed?
  - How will quality be managed?

Create a project charter or a project initiation document (PID):

- ❖ Describes the project in its entirety,
- ❖ What the project goals are? (using S.M.A.R.T. or C.L.E.A.R. methods.)
- ❖ How goals will be carried out?

Phase Objective:

- ❖ To define the project at a broad level.
- ❖ To decide if the project is a “go.”

# Planning

## Assign, Define & Plan

①

Assign Project HRs:

- PM,
- Team,
- roles and responsibilities,
- assignment of tasks.

②

Define Project Parameters:

- Scope Statement Defining:
  - milestones,
  - objectives,
  - key deliverables, with estimated due dates and essential deadlines.
- Work Breakdown Schedule (WBS) – breaking down the project scope into manageable sections for the team.
- Milestones – identifying high-level goals that need to be met throughout the project.
- Estimating costs.
- Project material table – determine the ready-made, raw and that need-to-be- installed materials.
- Shipments' estimation.
- Shipping methods.



# Planning

## Assign, Define & Plan

3

Plan the Project:

- Setup the Project Plan:
  - the procurement of resources,
  - how to produce quality output,
- Gantt Chart – plan out tasks and milestones on the project timeline.
- Communication Plan – in case of the project involves outside stakeholders.
- Risk Management Plan: carry out risk assessment and setting a plan to handle risks and unforeseen circumstances, i.e.: unrealistic time and cost estimates, changing requirements, and lack of committed resources.

4

Hold a kickoff meeting

Phase Objective:

- ❖ To focus on core keys to a successful project management.
- ❖ To lay out and develop the project roadmap that everyone will follow.

# Technical Study

## Study, Spec & Arrange



- Studying and analyzing of the project.
- Defining and approving the as built measurements.
- Defining and approving the site readiness.



- Quantities Survey.
- Drawings:
  - Shop drawings,
  - Sections,
  - Elevations.
- Approvals (if any)
  - Specs, Materials, Samples Approvals,
  - Drawing's Approvals,
  - Modification's, Variations Approvals.



- Tech Deliveries
  - BOQ,
  - Drawings,
  - Installation Guide (if any).
- Meet often and fix issues as they rise.

### Phase Objective:

- ❖ Coming up with the project study and technical analysis, with the set related of documents.

# Fulfilment

## Tuned, Engage & Report

- 1 Prepare for trade-offs: Time, cost, and quality are the three related variables that typically dictate what you can achieve.

**Quality = Time + Cost**

- 2 Hold weekly team meetings,
- 3 Mange problems and fix issues as they rise.
- 4 Setting the Procurements &/or Production Plan.
  - Allocate and manage the project sources and resources for all materials and services required for the project,
  - Define priorities,
  - Build the material or process.
- 5 Logistic
  - Define shipments and delivery method,
  - Material Coding,
  - Packaging,
  - Shipping booking and loading.

Phase Objective:

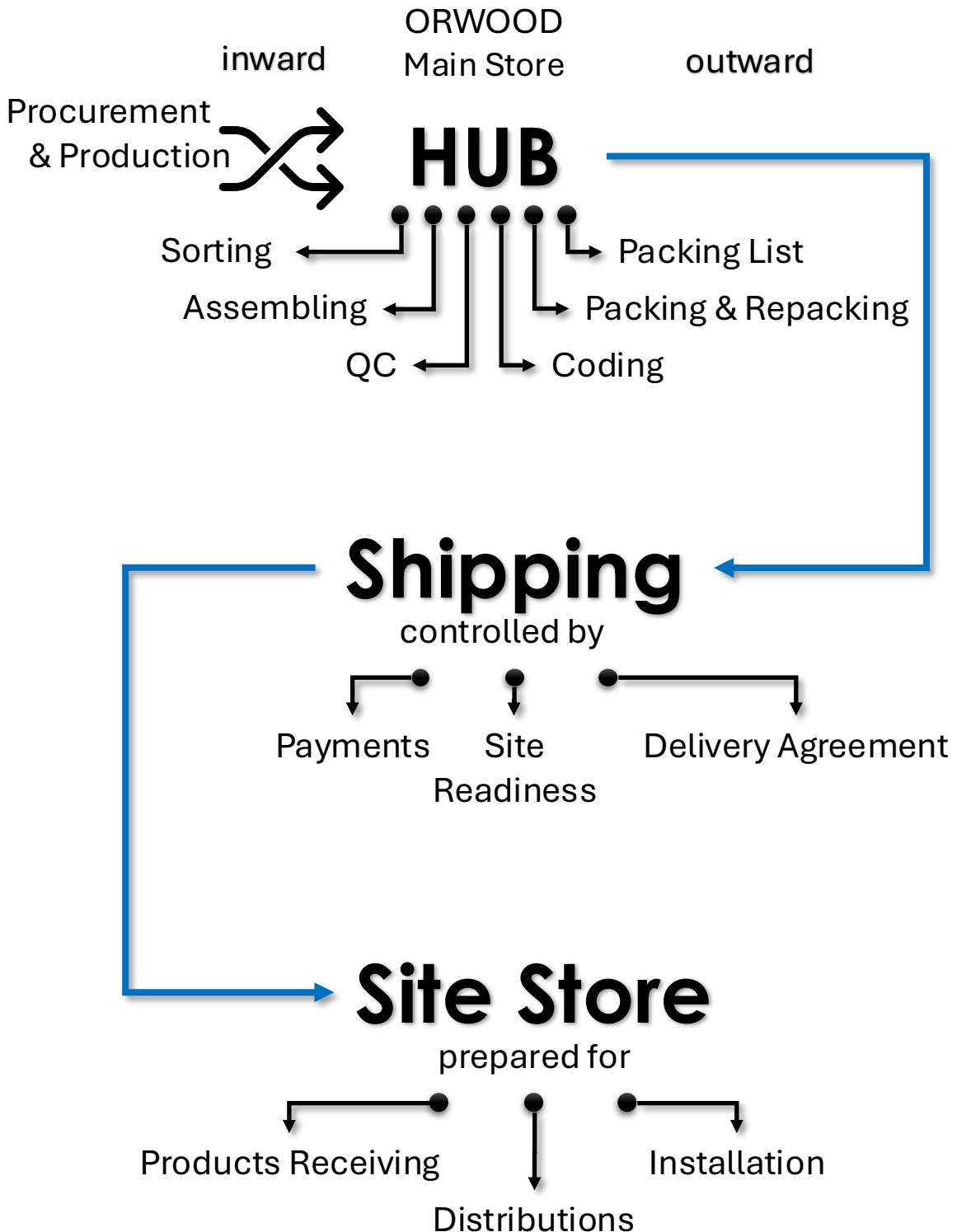
- ❖ Complete the fulfillment of all project materials.
- ❖ Shipping the project.

# Hints #

- change any of these variables, and you change your outcome.
- such variables alterations often occur in the middle of a project.
- knowing from the start which variable is most important to each stakeholder will help making the right changes along the way.
- everyone should be informed of any tweaks and what the consequences will be in terms of time, cost, and quality.

# Fulfilment

## Logistic Management



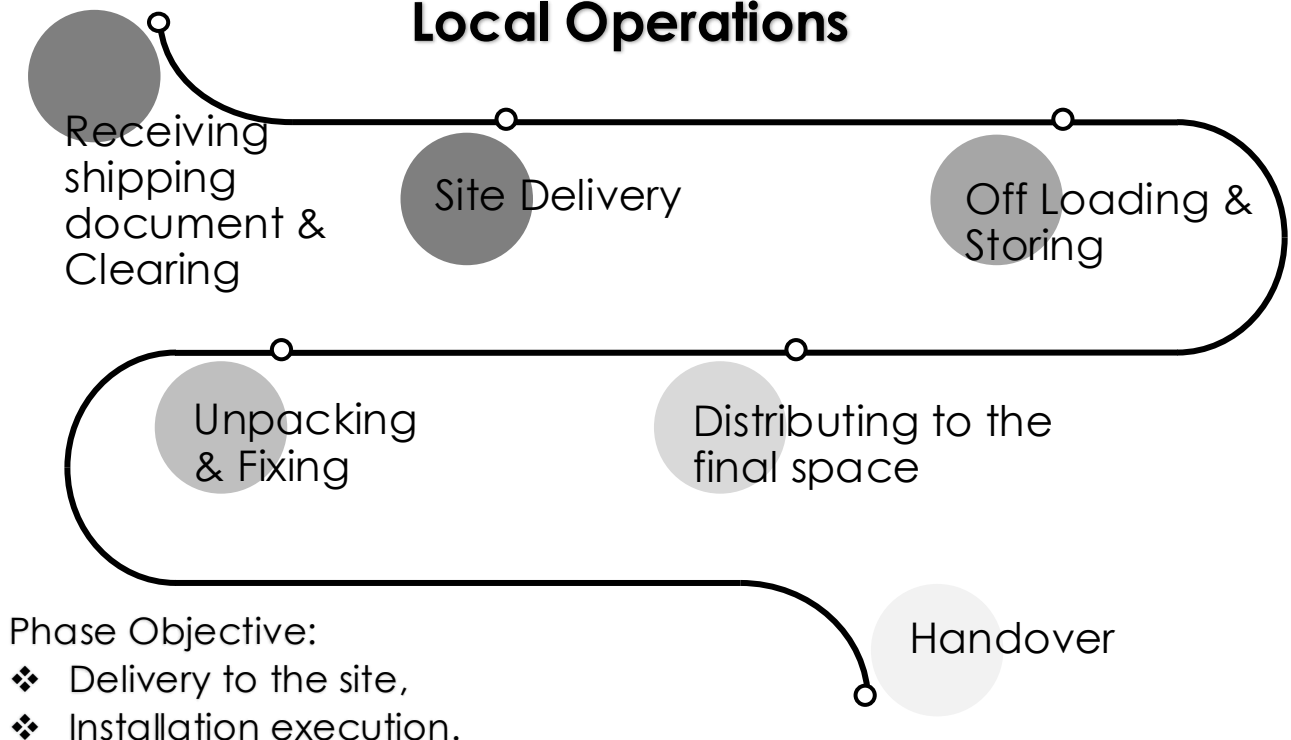


# Delivery & Installation

Receive, Arrange & Install

- ①
  - Assigning a site manager (Team).
  - Supervising and following the shipment.
- ②
  - Site managing, controlling and preparing.
  - On-site distribution.
- ③
  - Coordinating with any third party at site (i.e. MEP, Painting contractors, etc.)
  - Following and supporting the installation team.

## Local Operations



# Handover

## How to Handle End Matters



Evaluate project performance:

- Checking if project meet its goals or no longer apply.
- Comparing progress with the scope everyone agreed on at the beginning.



- This will define how well the project has performed, and if there's still work to do.
- Discussing the findings with stakeholders, making sure reach consensus with them on how "finished" the project is.
- Keeping the scope front and center so everyone uses the same yardstick to measure success.



- Recognizing the team's efforts and accomplishments.

Close the project:

- Confirming delivering all of the deliverables (materials, documents hardcopies and/or softcopies).
- Confirm closing all related deals.
- Signing off the project, receipt and completion.

Phase Objective:

- ❖ Though some projects feel endless, they all, eventually, come to a close.
- ❖ Handover all of the project deliveries.
- ❖ Close the project.

# After Sales

## Care, Support & Advice



- Warranty services,
- Online support,
- Return/Replacement,
- Upgrades,



Best after-sales practices:

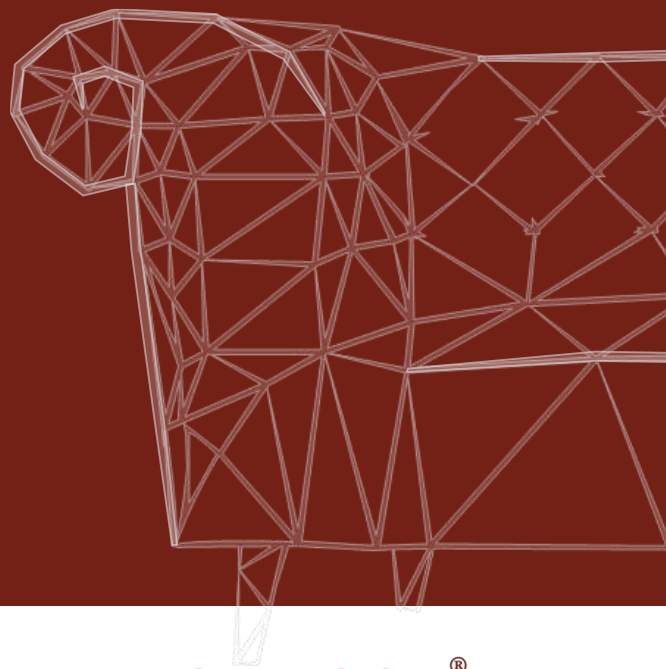
- Make the client feel valued,
- Streamline the service process,
- Build a positive atmosphere,
- Listen to client,
- Monitor and refine the performance.

"The more you wow your clients, the more they're likely to wow you right back with their loyalty and enthusiasm. Will become the brand ambassadors, reviewers, and trusted voices who'll give you great reviews"

Phase Objective:

- ❖ Satisfied, loyal and sustainable client.
- ❖ Enhance confidence in the company and its services.

# Warranty Statement



---

ORWOOD®



# ORWOOD®

## *Warranty Statement*

### WARRANTY DECLARATION

ORWOOD grants consumers a durability guarantee in addition to and within the scope of the seller's liability for defects under the following conditions and to the extent described below:

- As the manufacturer and supplier, ORWOOD guarantees the flawless functionality of properly used products made/supplied by ORWOOD for a limited period.
- For the purposes of this warranty, "consumer" shall mean any natural person who buy directly the ORWOOD product and has not purchased it to resell it.
- Under the following conditions, ORWOOD warrants that the products sold by ORWOOD are free from manufacturing defects when used properly during the agreed warranty period.

### WARRANTY PERIOD

The agreed warranty period is per contracting.

### WARRANTY SERVICES

- The warranty consists in the fact, that in case an ORWOOD product proves to be defective during the warranty period, ORWOOD shall, in accordance with these warranty conditions, repair the product free of charge for the first end consumer or replace it once with a corresponding or similar and equivalent ORWOOD product free of charge at its own discretion.
- ORWOOD reserves the right to adapt the warranty services due to technical developments. However, claims for compensation for consequential damages or product liability shall only exist within the mandatory statutory provisions.
- The warranty claim exists only upon presentation of the product and proof that the defect has occurred during the warranty period.

### WARRANTY VALIDITY

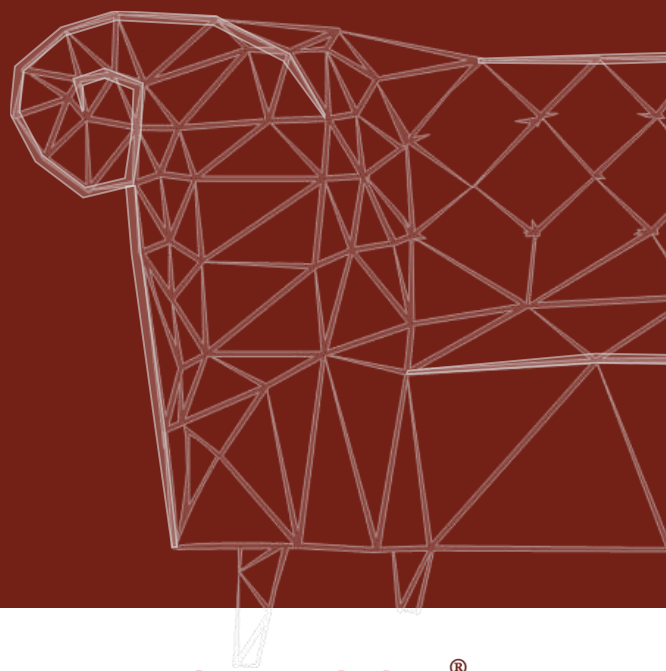
This guarantee is invalid under the following circumstances:

- If the product is not used for its intended purpose or any misuse.
- If the product is damaged after a fall or a shock.
- If dismantled or tampered with anyway.

Client Details	
Project Code:	Project Name:
Client Name:	
Client Address:	
Contact Person:	

In case of complaints, please contact ORWOOD after sales support at [sales@orwood.com](mailto:sales@orwood.com) for the purpose of clarification on how to handle the operation.

# CERTIFIED EXCELLENCE



---

ORWOOD®



Quality Management System



Environmental Management System



Occupational Health and Safety Management System

Our certifications in **ISO**, demonstrate our commitment to quality, sustainability, and occupational health and safety, ensuring excellence in every project we deliver.

inspect

Certificate  
Sertifika

Client Name and address

Müşteri ismi ve adresi

**ORWOOD INTERNATIONAL MİMARLIK SANAYİ VE TİC. LTD. ŞTİ.**

TAHTAKALE MAH. FIRAT 1 CAD. NO:6/8 İÇ KAPI NO:59 AVCILAR/İSTANBUL/TÜRKİYE

Standard

Standard

**ISO 9001:2015**

Quality Management System

INSPECT assessed and approved that related firm meets the requirements of the designated standard at related scope

Scope

Kapsam

MOBİLYA ÜRETİM MONTAJ VE SATIŞI

MANUFACTURING, INSTALLATION AND SELLING OF FURNITURE

EA/Category Code: 23

Initial issue date: 21.Sep.2022

Issue date of this certificate: 21.Sep.2022

Validity of this certificate: 20.Sep.2023

Recertification date: 20.Sep.2025

Certificate No: 22.07.322-QM

*[Signature]*  
General Manager

To verify the validity of this certificate please visit: [www.inspect.com.tr](http://www.inspect.com.tr)

Bu sertifikayı geçerliliği kontrol etmek için lütfen [www.inspect.com.tr](http://www.inspect.com.tr)'yi ziyaret ediniz

The validity of this certificate is depend on the success of surveillance assessments.

Bu belgenin geçerliliği ara denetimlerin başarı ile olması bağlıdır.

INSPECT Uluslararası Belgelendirme ve Gözetim Hiz. Tic. Ltd. Şti. / TÜRKİYE  
[www.inspect.com.tr](http://www.inspect.com.tr) - Belge periyodu 3 yıldır. / Certificate period is 3 years.



ACCREDITED  
Management System  
Certification Body  
MSCB-148

ORWOOD®



inspect

Certificate  
Sertifika

Client Name and address

Müştəri ismi və adresi

**ORWOOD INTERNATIONAL MİMARLIK SANAYİ VE TİC. LTD. ŞTİ.**

TAHTAKALE MAH. FIRAT 1 CAD. NO:6/8 İÇ KAPI NO:59 AVCILAR/İSTANBUL/TÜRKİYE

Standard

Standard

**ISO 14001:2015** Environmental Management System

INSPECT assessed and approved that related firm meets the requirements of the designated standard at related scope

Scope

Kapsam

MOBİLYA ÜRETİM MONTAJ VE SATIŞI

MANUFACTURING, INSTALLATION AND SELLING OF FURNITURE

EA/Category Code: 23

Initial issue date: 21.Sep.2022

Issue date of this certificate: 21.Sep.2022

Validity of this certificate: 20.Sep.2023

Recertification date: 20.Sep.2025

Certificate No: 22.07.322-EM

*Q. Aygün*  
General Manager

To verify the validity of this certificate please visit: [www.inspect.com.tr](http://www.inspect.com.tr)

Bu sertifikatın geçerliliğini kontrol etmek için lütfen [www.inspect.com.tr](http://www.inspect.com.tr)'yi ziyaret ediniz.

The validity of this certificate is depend on the success of surveillance assessments.

Bu belgenin geçerliliği ara denetimlerin başarıyla olmasına bağlıdır.

INSPECT Akademiye Başkentide ve Osmeli Mh. Ta. Cad. Şişli / TÜRKİYE  
[www.inspect.com.tr](http://www.inspect.com.tr) - Belgeler 3 yıl / Certificate period is 3 years.



ORWOOD®

inspect

Certificate  
Sertifika

Client Name and address:

Müşteri ismi ve adresi

**ORWOOD INTERNATIONAL MİMARLIK SANAYİ VE TİC. LTD. ŞTİ.**

TAHTAKALE MAH. FIRAT 1 CAD. NO:6/8 İÇ KAPI NO:59 AVCILAR/İSTANBUL/TÜRKİYE

Standard

Standard

**ISO 45001:2018**

Occupational Health and Safety  
Management System

INSPECT assessed and approved that related firm meets the requirements of the designated standard at related scope

Scope

Kapsam

MOBİLYA ÜRETİM MONTAJ VE SATIŞI

MANUFACTURING, INSTALLATION AND SELLING OF FURNITURE

EA/Category Code: 23

Initial issue date: 21.Sep.2022

Issue date of this certificate: 21.Sep.2022

Validity of this certificate: 20.Sep.2023

Recertification date: 20.Sep.2025

Certificate No: 22.07.322-OHS

  
General Manager

To verify the validity of this certificate please visit: [www.inspect.com.tr](http://www.inspect.com.tr)

Bu sertifikayı geçerliliği kontrol etmek için lütfen [www.inspect.com.tr](http://www.inspect.com.tr)'yi ziyaret ediniz

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Bu belgenin geçerliliği ara denetimlerin başarıya bağlanırsa bağlıdır.

INSPECT Uluslararası İlgelendirme ve Gözetim A.Ş. Tic. Sic. No: / TÜRKİYE  
[www.inspect.com.tr](http://www.inspect.com.tr) - Belge periyodu 3 yıl / Certificate period is 3 years.



ACCREDITED  
Management System  
Certification Body  
MSCB-148

ORWOOD®



# BM TRADA

## CERTIFICATE OF REGISTRATION

This is to certify that:

**OG WOOD INDUSTRIES**  
**Damietta, Egypt**

Meets the requirements of the BM TRADA Q-Mark International Fire Door Manufacture scheme to **BS 476 Part 22** which only operates in Bahrain, Egypt, Iran, Iraq, Jordan, Kuwait, Lebanon, Libya, Oman, Qatar, Saudi Arabia, Sudan, Syria and The United Arab Emirates for the products on the attached schedule.

Certificate number:

857

Date of initial BM TRADA Certification:

17 May 2015

Date of last issue:

27 May 2018

Certificate expiry date:

26 May 2020

**Kevin Towler**  
Director

This certificate is awarded to the company named above and is not transferable.

We hereby certify that we have visited the premises, factory, plant, machinery, etc., and are satisfied that the above is true.

This certificate is issued to the holder of the BM TRADA Certificate of Registration (CRO) and is not valid unless the holder of the CRO is a member of the BM TRADA Q-Mark International Fire Door Manufacture scheme.

The BM TRADA Q-Mark International Fire Door Manufacture scheme is a voluntary scheme for fire door manufacturers and is not a requirement of any law or regulation.

Page 1 of 2



# BM TRADA

## CERTIFICATE OF REGISTRATION

This is to certify that  
**ORWOOD**  
Bahcesehir 1Kisim Mah.  
Istanbul, Turkey

has been audited and found to meet the requirements of standard  
ISO 9001:2008 Quality Management System

### Scope of certification

Manufacture, supply and installation of quality wooden products like fire rated doors, economical doors, furniture and kitchen related products

Certificate number: 10680

Issue number: 2017 31

Certificate start date: 26 March 2017

Certificate expiry date: 25 March 2021

Date of initial certification: 17 February 2017

Signed on behalf of Tom Johnston  
Chief Operating Officer  
Central Certification Services

BM TRADA Certification Ltd, 10000, House, Hunting Lane, High Wycombe, Buckinghamshire, HP12 3RD, UK

This certificate remains the property of BM TRADA Certification Ltd. This certificate and all copies or reproductions of the certificate shall be returned to BM TRADA Certification Ltd or destroyed if requested. Further verification regarding the scope of this certificate and certification of this certificate is available through BM TRADA at the above address or at [www.bmtrada.com](http://www.bmtrada.com)

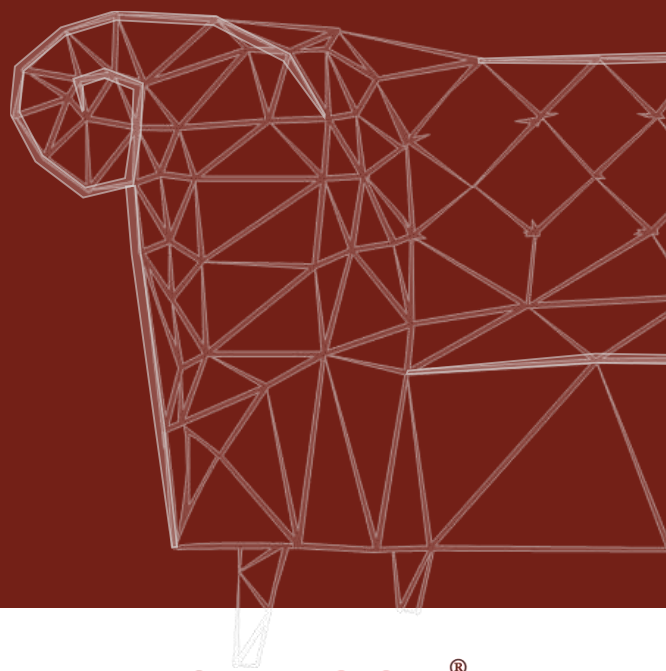
The use of the BM TRADA accreditation mark denotes accreditation in respect of those activities covered by the accreditation certificate (1)

Additional clause - The scope of certification shown above includes the participating sites shown in appendix A

ORWOOD®



# HSE POLICY



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ORWOOD®

At ORWOOD, we are committed to maintaining the highest standards of Health, Safety, and Environmental (HSE) management across all our projects.

Our policies are designed to ensure the safety and well-being of our employees, subcontractors, clients, and the surrounding environment.

We adhere to internationally recognized HSE regulations and best practices to mitigate risks, prevent workplace incidents, and promote a culture of safety and environmental responsibility.



## General HSE Requirements

ORWOOD implements a proactive HSE management system that includes:

- A **comprehensive HSE policy** that aligns with international standards and local regulatory requirements.
- **Risk assessments and hazard identification** for all work activities to establish necessary control measures.
- **Mandatory HSE training** for all employees to ensure awareness and compliance with safety and environmental protocols.
- **Provision and enforcement of Personal Protective Equipment (PPE)** based on job-specific risks.
- **Regular safety audits and inspections** to maintain compliance and continuously improve workplace safety.
- **Emergency preparedness and response plans** to effectively manage incidents and reduce their impact.

## Occupational Health & Safety

- ORWOOD ensures a safe working environment by implementing a structured occupational health and safety program.
- Designated **Health & Safety Officers** are deployed based on workforce size to oversee safety measures and compliance.
- Employees are encouraged to participate in HSE programs and report unsafe conditions to foster a strong safety culture.

## Environmental Responsibility

- ORWOOD is committed to reducing its environmental impact by implementing sustainable practices in material sourcing, waste management, and energy consumption.
- We comply with environmental regulations, minimize waste generation, and adopt eco-friendly solutions where possible.
- Waste disposal and hazardous material handling follow strict guidelines to prevent environmental contamination.

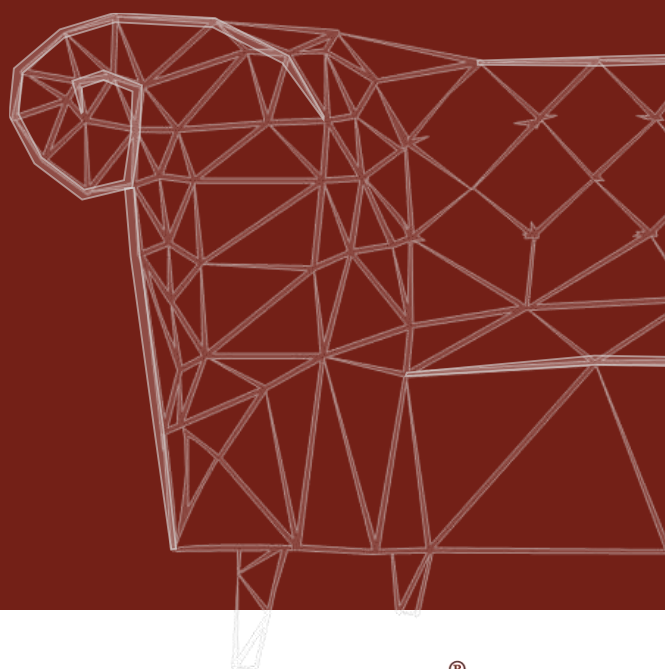
## Subcontractor Compliance

All subcontractors and suppliers engaged by ORWOOD are required to adhere to our HSE policies and procedures. This includes:

- Having a documented HSE management system.
- Conducting regular risk assessments and implementing control measures.
- Ensuring all personnel are trained and equipped to comply with HSE requirements.
- Following safe work practices and environmental sustainability guidelines.

By integrating HSE principles into every aspect of our operations, ORWOOD ensures that safety, health, and environmental protection remain top priorities, supporting both regulatory compliance and operational excellence.

# CODE OF CONDUCT AND ETHICS



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ORWOOD®



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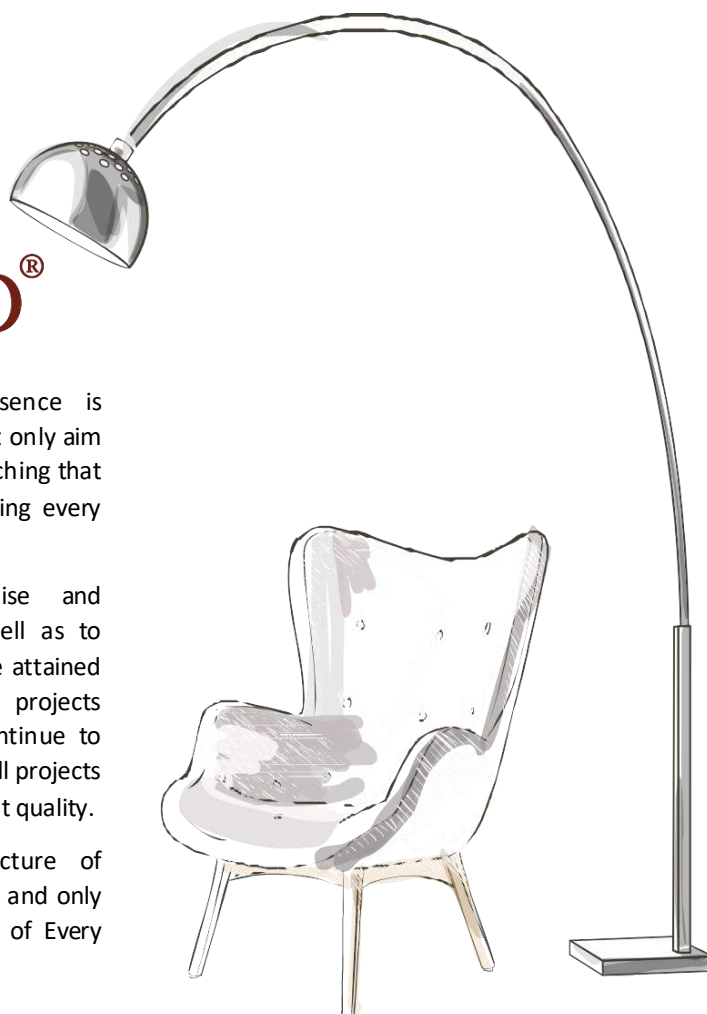


# ORWOOD<sup>®</sup>

Global and International presence is the primary objective. We don't only aim but also working forward on reaching that goal and continuously improving every method we use.

Our goal is to share our expertise and experience to everybody as well as to develop our craft - which can be attained by enrolling ourselves in any projects anywhere possible. We will continue to show outmost commitment on all projects without sacrificing time and best quality.

ORWOOD TEAM is the structure of company who is looking for one and only target which is ... To Be a Part of Every Project.



# interior design & fitout

SIMPLY ...

WE ARE A CREATIVE MODERN  
INTERIOR DESIGN AND FIT OUT  
COMPANY



# MISSION

6

to provide the  
qualified solution for  
the right space.

# VISION

to be a part of every  
project.

# ABOUT OUR CODE & YOUR RESPONSIBILITIES



## TO WHOM THE CODE APPLIES

The Code of Business Conduct and Ethics (COBCE) provides the ethical guidelines and expectations for conducting business on behalf of ORWOOD, and its subsidiaries companies.

These entities are commonly referred to as “ORWOOD” or “the Company.” The COBCE applies to all employees and members of the Board of Directors of the Company. It also applies to individuals who serve the Company on contract, subcontract, retainer, consultant or any other such basis.

The COBCE further applies and covers the extended ORWOOD family comprising of Suppliers, service providers, external professionals, agents, channel partners (dealers, distributors and others) who serve as an extension of the Company. The extended ORWOOD family is also expected to adhere to the Company COBCE in equal measure while working for and on behalf of ORWOOD.

## HOW TO USE THE CODE OF BUSINESS CONDUCT

The COBCE is designed to help employees and the extended family members of the Company to understand, recognize and deal with ethical issues which they may face from time to time while working for or on behalf of Company. ORWOOD’s policy is to comply with all applicable laws and regulations, to be committed to conducting business in an ethical manner and to act with integrity in dealing with our customers, suppliers, partners, competitors, employees and other stakeholders.

The COBCE is a guide to help whenever you have questions about ethics or if you are faced with an ethical dilemma. COBCE may not address all the situations which you may encounter and sometimes you may need expert views to understand and interpret the specific aspects dealt with under COBCE. In these situations, consult the ORWOOD policies (forming part of the Book of Policies) referenced throughout the COBCE.

## EMPLOYEE RESPONSIBILITIES

ORWOOD is made up of multi-individuals, each with unique perspectives and aspirations. Though we are all different, we all share a common understanding of ethical conduct and more so the importance of “Unyielding Integrity.” Without having unchallengeable reputation for integrity, we would fail with customers and in our own eyes. We must strive to maintain the highest ethical standards.

In particular:

- Always act in a professional, honest, and ethical manner when acting on behalf of the Company.
- Be familiar with the information contained in the COBCE and the policies thereunder and pay attention to the policies that governs your job responsibilities.
- Complete all required employee trainings relating to COBCE in a timely manner and keep up to date on current standards and expectations.
- Promptly report concerns about possible violations of the COBCE to your manager, manager’s manager, HR manager, head of the business, any member of Senior Management, any member of the Legal Department.
- Cooperate and tell the whole truth when responding to an investigation or audit and never alter or destroy records in response to an investigation, or when an investigation is anticipated.

## ETHICAL LEADERSHIP



If you are in a leadership position at ORWOOD, you are also expected to meet the following additional responsibilities:

- Lead by example ('walk the talk'). Managers are expected to exemplify the highest standards of ethical business conduct and to model the "Spirit of ORWOOD."
- Support implementation of ethics and business conduct programs of ORWOOD's values and ethical business conduct guidelines through such programs.
- Help create a work environment that focuses on building relationships. Recognize effort and value mutual respect and open communication.
- Communicate to employees and business partners (such as dealers, distributors, agents) about how the COBCE and policies apply to their daily work.
- Be proactive. Look for opportunities to discuss and address ethics and ethically challenging situations with team members.
- Create an environment where everyone feels comfortable asking questions and reporting potential violations of the COBCE and policies.
- Never ask another or pressure anyone to do something that is in violation of the COBCE.
- Be aware of the limits of your authority and do not take any action that exceeds those limits. Delegate authority only where permissible and never delegate authority to any individual who you believe may engage in unlawful conduct or unethical activities.
- If you supervise third parties, ensure that they understand COBCE.

## MAKING THE RIGHT CHOICE

Making the right decision is not always easy. There will be times when you will be under pressure or unsure of what to do.

Always remember when you have a tough choice to make, you are not alone. Your fellow ORWOOD are available to help, and you have other resources to turn to including the COBCE.

When faced with a tough ethical decision it may help to pause and ask these questions. If you give a negative answer to even one question, consider a different action or seek help:

- Is it the right thing to do? Is it legal? Is it consistent with our policies?
- Have I considered all the options?
- Will my actions be consistent with the "Spirit of ORWOOD?"
- Will I be comfortable telling others about my decision?
- Can I honestly say I'd be proud of the choice I made?
- What is the possible impact of my actions on others, including fellow employees and stakeholders?

## ASKING QUESTIONS AND RAISING CONCERNS



In today's complex business environment, it is inevitable that questions and ethics and compliance concerns will arise. The sooner ORWOOD leadership knows about possible problems, the sooner they can be addressed.

Each one of us is responsible to promptly raise issues or concerns about misconduct. If you become aware of conduct that you believe violates ORWOOD's policies, regulations, or the law, talk to your manager. If this seems inappropriate, or if you don't believe the person to whom you've reported your concern has taken appropriate action, you have several additional options:

Speak with your manager's manager or any member of Senior Management.

Contact the Legal Department or your HR manager.

In addition, if you have a question about a ORWOOD policy, you can send your query to: [hr@orwood.com](mailto:hr@orwood.com).

No form of retaliatory action will be taken against that employee raising a concern even if the same does not turn out to be true. But in raising the concern the employee is advised to exercise due care to ensure good faith.

## PREVENTING RETALIATION

Managers must listen openly to concerns about misconduct, respond appropriately, and never retaliate against those who raise issues in good faith. Lack of content/expert knowledge could cause anxiety on an employee's part to believe it to be wrong—that's fine.

It is a violation of our policy and contrary to our values to engage in retaliatory acts against any employee who reports wrongdoing of any type, or any employee who testifies, assists or participates in a proceeding, investigation or hearing relating to allegations of misconduct.

ORWOOD takes claims of retaliation seriously. All such claims will be thoroughly investigated and if substantiated, retaliators will be disciplined up to and including termination. If you believe you have been retaliated against, you should report such action to the HR or use any of the reporting methods described in the COBCE.

## ACCOUNTABILITY AND DISCIPLINE

Violating relevant laws, regulations, or the COBCE, or expecting or encouraging others to do so, exposes the Company to liability and puts the Company's reputation at risk. If an ethics or compliance problem does occur, you have an obligation to contact one of the resources listed in the COBCE so that an effective solution can be developed.

ORWOOD will take appropriate disciplinary action including up to termination against any employee, agent, contractor or consultant, whose actions are found to violate these policies or any other policies of ORWOOD.

The "Spirit of ORWOOD" enshrines the following principles: –

Be passionate about client's success

Treat each person with respect

Be global and responsible

Unyielding integrity in everything we do

ORWOOD, know that winning and success are only possible if we consistently act in the best interests of our clients, business partners and the public as a responsible corporate citizen with unyielding integrity.

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## ACTING IN THE BEST INTEREST OF OUR STAKEHOLDERS & PUBLIC

### CUSTOMER RELATIONS

#### Our Standard

Customers purchase our services and products because they trust them. They trust the quality of our services and products, they trust their value, and they trust that we will stand behind what we sell and deliver. We must preserve that trust.

ORWOOD has a fundamental responsibility to ensure that customers have faith in the quality of our services and products. It is the primary responsibility of every employee to make sure that our services and products are consistently of the highest quality.

#### Our Responsibilities

Each of us must ensure that we follow our rigorous product safety and quality standards.

Any concerns about product safety or quality must be immediately reported. It is the job of every employee to make sure that consumers get what they expect—and pay for.

Do not create misleading impressions in any advertising, marketing, sales materials or presentations.

Do not make false or illegal claims about competitors or their services and products.

Promise what you can deliver and deliver on what you promise.

If you are in a leadership position at ORWOOD, you have an obligation to monitor the quality of our supply chain to ensure that the products we sell meet all external safety and quality standards, as well as our own high standards.

#### Marketing and Advertising

Advertising is an essential instrument for effective brand building and communicating with customers. We strive to ensure that all advertisements of ORWOOD's services and products are done ethically. All product claims and benefits must have been technically substantiated through research and requisite studies.

Our advertising must never misrepresent, deceive or be likely to mislead customers. Marketing and advertising of ORWOOD services and products must be truthful and accurate. False or unsubstantiated claims about competitors' offerings must never be made. Our advertising, packaging, displays and promotions must always be appropriate and sensitive to the culture of customers and the public in the country in which the advertising is shown, and we will avoid political or religious remarks in advertisements that may be offensive.



## PROTECTING CUSTOMER INFORMATION

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### Our Standard

During our business operations, we often have access to personal and business confidential information related to customers and others. While protecting this information may now be a legal requirement, for us at ORWOOD, data privacy has always been a matter of trust and respect for others.

We respect the confidential information of our customers and others. Protecting their privacy and confidentiality is very important to us.

### Our Responsibilities

Protect the confidentiality of personal and business information of current and former customers, as well as job applicants, business partners and customers.

Access and use of personal and business confidential information solely for legitimate business purposes and only if you have a need to know.

Return or destroy personal and business confidential information that is no longer required by you for business reasons in accordance with document retention provisions as defined and applicable under various laws as amended from time to time.

When sending personal and business confidential information across borders or to third parties, make sure that such transmissions are for legitimate business reasons and that they comply with local law. Also ensure that the recipient will safeguard the information.

Sensitive personal information, such as social security numbers, medical records, credit card and bank account numbers require special handling based on local law.

Do not forward customer or other business information and documents to personal email IDs (such as Gmail or Hotmail).

Do not use public file hosting services (such as Dropbox, SkyDrive, iCloud, Amazon Cloud Drive) to backup customer or other business information and documents.

## SUPPLIER SELECTION

### Our Standard

If you are in a leadership position at ORWOOD and work with our suppliers and business partners, you must ensure that they have received a copy of the Supplier Code of Conduct, or our contracts/POs executed with them adequately captures 'Supplier's Code of Conduct.' Communicate to our suppliers our standards for high performance in ethics, anti-corruption, human rights, health, safety and the environment.

Be vigilant and watch out for any signs of our business partners violating applicable law or regulations, including local employment, anti-corruption, environmental, health and safety laws or in violation of ORWOOD's COBCE.

Each of us who works with suppliers must make decisions in the best interest of ORWOOD and our customers based on performance criteria, not for any personal benefit or gain.

Cooperate with audits of suppliers and stop purchasing from those not making real progress towards meeting our standards.

Respect and protect the confidential and proprietary information of suppliers.

Document all supplier relationships in appropriate written contracts.

Disclose any situation that may appear to involve a conflict and remove yourself from making or influencing a purchasing decision.

### Our Responsibilities

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### Government Contracting

ORWOOD’s policy is to comply fully with all laws and regulations that apply to government contracting and transactions. It is also necessary to strictly adhere to all terms and conditions of any contract with central, local, state, federal, foreign, or other applicable governments. ORWOOD’s Legal Department must review and approve all contracts with any government entity to confirm this.

## CONFLICTS OF INTEREST

### Our Standard

A conflict of interest occurs whenever you have a competing interest that may interfere with your ability to make an objective decision in the best interests of ORWOOD. Personal involvement including financial interests or dealings with competitors, clients, managers, subordinate employees or peers of ORWOOD that has the potential to affect the employee’s ability to exercise judgment in the best interests of ORWOOD creates an actual or potential conflict of interest.

Each of us is expected to use good judgment and avoid situations that can lead to even the appearance of a conflict. Conflicts of interest can undermine the trust others place in us and damage our reputation.

It is impossible to describe every potential scenario of conflict, which is why ORWOOD relies on each of us to uphold the high standard of “Unyielding Integrity” and to seek advice when needed. If you believe a conflict or potential conflict exists, discuss it with your manager, or HR.

Some examples of conflicts of interest are:

- Working directly or indirectly either as an officer, employee, consultant or agent for a competitor or client.
- Having a direct or indirect financial interest in a competitor or client or managers, or subordinate employees or peers of ORWOOD.
- An intimate personal relationship that develops at the workplace between a manager and subordinate.
- Engaging in an activity that is in competition with ORWOOD.
- Using proprietary or confidential information of ORWOOD for personal gain.
- Unauthorized use, or disclosure of information about our customers or business partners for personal advantage.
- Accepting an expensive gift, entertainment or business courtesy from a supplier or service provider that could potentially result in a conflict of interest in dealing with the supplier or service provider.

### Family Member and Close Personal Relationships

As a rule, employees must avoid conducting any ORWOOD business with a relative (which includes a “significant other”) or a business in which a relative is associated in a key role. If such a related-party transaction is unavoidable, the employee must fully disclose the nature of the related-party transaction to his/her HR manager.

Members of an employee’s immediate family and those in a close personal relationship may be considered for employment based on their qualifications and they may be hired if such employment would not create manager-subordinate relationship. If a close personal relationship exists or develops between two employees, both employees involved must bring this to the attention of their manager and HR manager. Attempts will be made to find a suitable resolution in the form of job segregation.

### Personal Investments and Corporate Opportunities

Employees may not own, either directly or indirectly, a substantial interest in any business that does or seeks to do business with, or is in competition with ORWOOD, without written approval of the CFO.

Employees are also prohibited from making personal business or investment opportunities that are discovered during their work at ORWOOD.

### Outside Employment

While it is not the intent of ORWOOD to unduly restrict the activities of employees on their own time, employees may not work for or receive payments for services from any business whether it competes with ORWOOD’s business or not.

A conflict of interest will also arise if an employee opts for outside work, including self-employment or commercial pursuit of hobbies and interests since it will interfere with the employee’s ability to fulfil his or her responsibilities to ORWOOD.

### Volunteer or Charitable Work

On a case-by-case basis, employees may be permitted to work for non-profit/not-for-profit organizations, clubs and charitable institutions provided prior disclosure is made to the HR manager. The employee must ensure that the services they provide do not affect ORWOOD’s interest or reputation. The employee must not accept remuneration for any service rendered except reimbursement of reasonable and customary expenses.

## Our Responsibilities

Avoid conflict of interest situations whenever possible.

Discuss with your manager full details of any situation that could be perceived as a potential conflict of interest. Your manager may require you to disclose the situation to your HR manager or Legal Department for appropriate resolution.

Proactively address situations that may put your interests or those of a family member or others in potential conflict with ORWOOD.

## GIFTS, ENTERTAINMENT & BUSINESS COURTESIES

### Our Standard

In many industries and countries, gifts and entertainment are used to strengthen business relationships. For ORWOOD, one principle is always clear: we do not accept or provide gifts, favors, or entertainment if the intent is to influence a business decision.

No employee shall give, offer and promise to offer, or authorize the offer, directly or indirectly, of anything of value (such as money, securities, goods or services) to government officials, customers, potential customers, foreign officials including officials of any public international organizations or any other entity which could be regarded as influencing any business decision or obtaining improper advantage. Employees shall neither use business courtesies to attempt to improperly influence the decisions of our customers or other third parties nor provide such courtesies in violation of the law or customer's internal policies.

Gifts, entertainment, and business courtesies are only to be offered or accepted if all of the following conditions are met:

- It cannot be reasonably construed as payment or consideration for influencing or rewarding a decision or action.
- It cannot be offered when there is an ongoing active business negotiation.
- It is justifiable when offered or accepted, i.e. it is reasonable, customary or is generally offered as an industrial practice.
- It does not violate customer's policies and applicable laws.
- Its public disclosure would not embarrass ORWOOD.
- Accepting occasional gifts and entertainment may be appropriate when developing business relationships. However, they should never be lavish or in excess of the generally accepted business practices of the country or industry.

Employees and agents acting on ORWOOD's behalf must never offer a gift of any kind to anyone doing business with ORWOOD or seeking to do business with ORWOOD that is not within the Acceptable Limit. Standard corporate gifts with the ORWOOD logo can be offered as an acceptable business practice to private customers provided the conditions mentioned above are met.

However, for gifts other than standard corporate gifts, employees are encouraged to refer to the internal Books of Policies for limits and approval matrix.

No other manner of gifting is permissible except as specifically set out above. In particular the following are strictly prohibited:

- Accepting or offering cash or cash equivalent (gift vouchers, gift cheques/checks, shares, etc.).
- Employee using own money or resources to pay for gifts.

- Organizing for the gift to be offered indirectly through a third party.
- Gifting of alcohol (e.g., wine).
- Charitable contributions or donations are permitted only to registered charitable organizations as per internal guidelines and processes.

### Our Responsibilities

Only offer or accept gifts, entertainment or business courtesies that are reasonable compliments to business relationships.

Exchange gifts, entertainment or business courtesies that foster goodwill in business relationships, but never provide any that obligates or appears to obligate the recipient.

Do not request or solicit personal gifts, entertainment, or business courtesies.

Accepting gifts of cash or cash equivalents is strictly prohibited.

Understand and comply with the policies of the recipient's organization before offering or providing gifts, entertainment or business courtesies. Report correctly in expense reports, all expenses for any gifts, entertainment or business courtesies provided and accurately state the purpose for the expenditure.

If you are offered a gift that has a value over the Acceptable Limit, you cannot "buy the gift down" to the Acceptable Limit.

Do not commit to any donation requests from customers without first obtaining internal approvals even if the donation is for a charitable cause. At the request of a customer, you cannot make any donations from your own funds or pay for gifts and claim reimbursement from ORWOOD. Prior written approval must be taken.

## COMMUNICATING WITH THE PUBLIC

### Our Standard

We are committed to transparency in our disclosures and public communications. ORWOOD needs a clear, consistent voice when providing information to the public and the media. For this reason, it is important that only authorized persons speak on behalf of the Company. Never give the impression that you are the official spokesperson of the Company in any communication that may become public if you are not authorized to do so.

### Our Responsibilities

If you receive an inquiry regarding ORWOOD's activities, results, plans or its position on public issues and you are not specifically authorized to respond, refer the request to PR Department.

No person other than the members of the PR Department or any other person who are authorized to speak from Business Units of ORWOOD should communicate.

If you intend to write or publish a book, article or manuscript or deliver a presentation which relates in any way to ORWOOD's business, you must receive prior approval of your manager and HR manager. If the publication or presentation identifies you as an employee of ORWOOD, it must state that: "The views expressed in this article/presentation are mine and ORWOOD does not subscribe to the substance, veracity or truthfulness of my views."

If you are aware of any unauthorized employee contact with media or analysts, on-record or off-record, immediately inform PR Departments.



## SOCIAL MEDIA AND NETWORKING

### Our Standard

Social media sites are popular platforms for communication and interaction. ORWOOD supports the rights of its employees to express themselves freely through social networks, blogs, wikis, chat rooms, comment forums, and other online locales. However, employees must remember to be cautious when such activity involves information about ORWOOD or may adversely affect the image of ORWOOD, its customers and business partners.

All ORWOOD employees are expected to conduct themselves professionally in their online activities and to respect and protect the reputation of ORWOOD, its customers, and business partners. All rules which apply to offline conduct also apply to online comments, postings and other communications. Employees must also bear in mind that unwarranted postings on social media may also result into breach of confidentiality obligations by an employee.

ORWOOD reserves the right to review and monitor the online activities of its employees when they are relevant to the Company, as well as any online communications made using Company resources (computers, phones, tablets, data cards, etc.). If ORWOOD perceives that such online activity is in violation of Company policies, appropriate investigation and action will be taken.

### Our Responsibilities

- Always be mindful of ORWOOD's ethical standards and comport yourself professionally in all ORWOOD-related communications. Remember—things you post online will be publicly available for a long time, so before you click "Send" or "Submit," think carefully and review.
- Always obey any laws governing your online activities.
- Never give the impression that you are speaking on behalf of ORWOOD unless you are authorized to do so.
- Always identify yourself and be clear, when your online activities are relevant to ORWOOD, that the views you are expressing are your own and do not represent the opinion of ORWOOD.
- Refrain from posting confidential non-public or proprietary information online.
- Never post any details online about ORWOOD's customers or business partners, including on professional networking sites such as LinkedIn.
- Don't use social media for any activity to which others are likely to object, or which violates the COBCE or its values as explained in the "Spirit of ORWOOD" In particular, do not:
  - Spam using email or send unsolicited messages.
  - Defame, abuse, harass, stalk, threaten or otherwise violate the legal and privacy rights of companies or people.
  - Post messages which contain racially or sexually offensive material, political or religious solicitations or anything else which is inappropriate or has the potential to cause harm to ORWOOD or its customers and business partners.
- Remember that some information or statements are considered "material non-public information," "unpublished price-sensitive information" or "forward-looking statements." Sharing or posting such information may be a violation of policy and relevant legislations and may invite punitive actions by the company or the Govt. enforcement agencies. Examples of

such information include data on ORWOOD's business performance whether actual or anticipated in future, new markets, new customers, management changes, etc.

## PROTECTING OUR INFORMATION AND ASSETS

One of the major concerns in the present information technology era is protection of confidential and personal information that is collected and disseminated. For ORWOOD, protection of confidential information rests on our pledge to act with sensitivity and to demonstrate respect for the individual.

It is simple: when we take action to safeguard confidential information and Company assets that have been entrusted to us, we are delivering on our commitments and living up to the assurances we have made to others.

### CONFIDENTIAL INFORMATION

#### Our Standard

One of our most valuable assets is information pertaining to ORWOOD or the information of third parties who deals with ORWOOD.

The unauthorized release of confidential information can cause irreparable damage to ORWOOD in many ways such as to lose a critical competitive advantage, embarrass the Company, damage our relationships with customers and others etc. For these reasons, confidential information must be accessed, stored, and transmitted in a manner consistent with ORWOOD's policies and procedures.

Each of us must be vigilant to safeguard ORWOOD's confidential information as well as third parties' confidential information that is entrusted to us. We must keep it secure, limit access to those who have a need to know in order to do their job and avoid discussion of confidential information in public areas.

The obligation on an employee to preserve ORWOOD's confidential information is perpetual and survives the end of employment with ORWOOD.

#### **"Confidential information" includes but is not limited to the following:**

- Client lists, vendor lists, client agreements, and vendor agreements
- Trade secrets and inventions
- Computer programs and related data and materials
- Drawings, file data, documentation, diagrams, and specifications
- Know-how, processes, formulas, models, and flow charts
- Software completed or in various stages of development, source codes, and object codes
- Research and development procedures and test results
- Marketing techniques, materials and development plans, price lists, pricing policies, business plans
- Financial information and projections
- Employee files and other information related to human resources and benefits systems and content

#### Our Responsibilities

- Use and disclose confidential information only for legitimate business purposes on "need to know basis."

- Properly label confidential information to indicate how it should be handled, distributed and destroyed.
- Protect intellectual property and confidential information by sharing it only with authorized parties.
- Never discuss confidential information when others might be able to overhear what is being said, e.g. when using mobile phones.
- Be careful not to send confidential information to unattended fax machines or printers.
- Follow empty pocket declaration policy while joining or leaving the organization.

## INTELLECTUAL PROPERTY

### Our Standard

We have an obligation to identify and protect the intellectual property, trade secrets and other confidential information owned by ORWOOD, our customers, and business partners. Doing so is critical to our success.

Intellectual property or IP refers to business methods, trademarks, service marks, trade names, copyrightable subject matter and trade secrets whether belonging to ORWOOD or to third parties dealing with ORWOOD. We must all be aware of and comply with ORWOOD procedures necessary to safeguard these assets, including complying with any agreement relating to IP and confidentiality agreements signed upon the commencement of or during employment.

In addition to protecting ORWOOD's own intellectual property rights, ORWOOD respects the valid intellectual property rights of others.

### Our Responsibilities

All employees are responsible for complying with the requirements of software copyright licenses.

Employees must use proprietary material of others only under valid license and only in accordance with the terms of such a license—this includes the use of software.

Only use software that has been properly licensed in line with the usage terms and conditions in the license agreement. The copying or use of unlicensed or “pirated” or “cracked” software on Company computers or other equipment to conduct Company business is strictly prohibited.

Unauthorized receipt or use of the intellectual property of others may expose ORWOOD to civil lawsuits and damages. Employees are advised to strictly follow all ORWOOD procedures, including those governing the appropriate handling of unsolicited intellectual property.

Do not use copyrighted materials without appropriate permission. Keep in mind that all content such as pictures, videos, and articles available online could be copyrighted and cannot be copied or used without written approval from the copyright owners, even if it is for internal training purposes.

Always consult the Legal Department whenever an IP issue is involved or whenever you are not clear on the course of action to be taken.

Do not download unauthorized music or video on ORWOOD resources or stream unauthorized music or video using ORWOOD's networks or our customers'.

The prior approval of the IT team and Legal Department is required to download “freeware” or “free-trial” third-party software or “shareware programs” from the internet.

## PROTECTING PERSONAL INFORMATION AND THE PRIVACY OF EMPLOYEES

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### Our Standard

In recent years, individuals, companies, and governments have grown increasingly concerned about the privacy and security of personal information. In many countries and cultures around the world, people have deeply held beliefs on the topic and as a result, laws protecting the privacy of personal information and how it may be collected, shared and used are becoming more common. We have a responsibility to protect the confidential and personal information of our fellow ORWOOD and others.

### Our Responsibilities

- All employees and contractors are accountable for protecting personal information and for handling it securely.
- Collect personal information only for legitimate business purposes and keep it only as long as necessary.
- Take adequate precautions to safeguard personal information when collecting, processing, storing and transferring it.
- Only share personal information with other employees or external agencies who have a legitimate need to know and take steps to ensure that they understand the importance of properly handling the data you share with them.
- When we use third parties to provide services for us, make sure that they understand the importance we place on privacy and that they must uphold our standards.
- When appropriate, allow employees whose personal data is held by the Company to review and correct such information.
- Follow all document retention and document destruction requirements.

## DOCUMENT MANAGEMENT AND LEGAL HOLDS

Each of us is responsible for information and records under our control. We must be familiar with the recordkeeping procedures that apply to our jobs and we are accountable for the accuracy and truthfulness of the records we produce. It is also our responsibility to keep our records organized so that they can be located and retrieved when needed.

Documents should never be destroyed in response to or in anticipation of an investigation or audit. Contact the Legal Department if there is any doubt about the appropriateness of document destruction.

A “legal hold” suspends all document destruction procedures in order to preserve appropriate records under certain circumstances, such as litigation or government investigations. The Legal Department determines and identifies what types of ORWOOD records or documents are required to be placed under a legal hold. Every ORWOOD employee, agent and contractor must comply with this requirement. The Legal Department will notify employees if a legal hold is placed on records for which they are responsible. If employees have any questions about this, they shall contact the Legal Department.

## SAFEGUARDING COMPANY ASSETS

### Our Standard

To best serve our customers we all have a responsibility to use ORWOOD’s assets and resources wisely and with care. All employees are responsible for using good judgment to safeguard the tangible and

intangible assets of ORWOOD, and to ensure that our assets are not misused, damaged, lost, stolen, or wasted.

Company assets include ORWOOD's physical facilities, property and equipment, electronic communication devices, intellectual property, confidential information, files and documents, as well as inventory, computer networks, and supplies.

### Our Responsibilities

Use ORWOOD assets for legitimate business purposes.

Personal use of Company assets should be incidental and kept to a minimum and should have no adverse impact on productivity and the work environment.

Do not use ORWOOD equipment or systems, including email and the internet, to download, create, store or send content that others might find offensive. or for illegal purposes

Report any suspicions you may have concerning theft, embezzlement, or misappropriation of any Company property.

Any suspected loss, misuse or theft of ORWOOD's assets must be reported to your manager or HR manager.

### Our Policy on Password Use

The ethical guidance on password sharing under the disciplinary handbook as well as under the COBCE put together prohibits any one or all of the following practices:-

- Sharing of passwords such as access passwords, banking passwords or keys with another person.
- Non-compliance with ORWOOD's password security requirements such as periodically changing access passwords etc.

## FOLLOWING THE LETTER AND THE SPIRIT OF LAWS AND REGULATIONS

Compliance with laws, regulations and contractual obligations is the bedrock on which organizations are built. Compliance with the highest order of governance and ethics has been a hallmark of ORWOOD and will continue to be non-negotiable. We pride ourselves in upholding the "Spirit of ORWOOD" and we consistently demonstrate our values in our actions.

### ANTI-TRUST AND FAIR COMPETITION OUR STANDARD

We believe in free and open competition, and we never engage in improper practices that may limit competition through illegal and unfair means. We do not enter into agreements with competitors to engage in any anticompetitive behavior, including setting prices or dividing up customers, suppliers, or markets.

As ORWOOD's has a global business interests a, ORWOOD may be subject to competition laws of various jurisdictions. Most countries have well-developed bodies of law designed to encourage and protect free and fair competition. ORWOOD is committed to adhering to these laws both in letter and spirit. These laws often regulate ORWOOD's relationships with our distributors, resellers, dealers and customers.



## Our Responsibilities

Anti-trust laws are very complex, and the risks associated with non-compliance can be severe. If you have questions or if you believe an activity undertaken by ORWOOD or one of our business partners may be viewed as restraining fair competition, consult with the Legal Department.

Never participate in conversations with competitors that could be perceived as limiting competition. As a rule, contact with competitors should be limited and must always avoid certain subjects including any matter relating to competition between ORWOOD and its competitor, such as sales prices, marketing strategies, market shares and allocation of market, territories, supply and sources or customers. If such a conversation begins, leave the meeting immediately and report it to the Legal Department.

Never disparage our competitors or their products. Do not make false or misleading statements about them and ensure that all sales and promotional efforts are free from misrepresentations.

Never enter into agreements with competitors that affect prices they charge, as they may constitute illegal price-fixing.

Never enter into any agreements that are in restraint of trade, prices, quality of products or services or in any manner monopolize any part of trade or commerce by controlling the supply of a product or service with the intention to control its price or to exclude competitors from the market.

Never initiate, discuss or encourage boycotts of specific products or services of customers or suppliers.

## ANTI-CORRUPTION

### Our Standard

ORWOOD conducts its business free from the influence of corruption and bribery. Employees and business partners are expected to be aware of and follow all anti-corruption and anti-bribery laws everywhere we do business. Employees must be careful to avoid even the appearance of offering or accepting an improper payment, bribe or kickback.

It is important that intermediaries and third parties who are operating on our behalf shall adhere to the anti-corruption and anti-bribery laws of the country where they operate as well be fully compliant with ORWOOD set standards. We must exercise due diligence to ensure that their reputation, background and abilities are appropriate and meet our ethical standards. Intermediaries are expected to act in accordance with the requirements set out in this Code. We must never do anything through a third party that we are not allowed to do by ourselves ("Proxy Bribing").

### Our Responsibilities

Do not offer, provide or promise to offer or authorize bribes or kickbacks, under any circumstances. There is no difference between "offer to bribe" and "actual bribe".

Always be sure to perform due diligence and know your business partner, consultants, agents and all those through whom we conduct our business. Know who they are, what they do, where they are based and how they will use our services and products.

Never maintain "off-book" accounts in order to conceal improper payments. All expenditures and any other payments must be accurately presented in ORWOOD's books and records.

Payments that are intended to improperly influence a government official must never be made. Any payments made to expedite routine government actions would also be construed as improper payments. Government officials include employees of government companies, public sector undertakings, departments, institutions of any government, and foreign officials including officials of public international organizations.

ORWOOD does not make contributions to any political party. Also, no employee may make a political contribution, whether in cash or otherwise on behalf of ORWOOD.

## POLITICAL INVOLVEMENT

### Our Standard

ORWOOD respects the rights of employees to voluntarily participate in the political process which any person as citizen of the country is entitled to.

Employees must always make it clear that their views and actions are their own and not those of the Company and employees must never use ORWOOD resources to support their personal choice of political parties, causes or candidates.

### Our Responsibilities

- Take steps to ensure that your individual political opinions and activities are not viewed as those of ORWOOD.
- You cannot commit ORWOOD to any corporate political spending, donating products, services, transportation, etc.
- Never pressure another employee, customer or business partner to contribute to, support or oppose any political group or candidate.

## GLOBAL TRADE

### Our Standard

Many laws govern the conduct of trade across borders, including laws that are designed to ensure that transactions are not being used for money laundering, others that prohibit companies from illegal trade boycotts, as well as laws regulating exports.

We are committed to complying with all such laws that are applicable in the countries in which we operate. Each of us is responsible for knowing the laws that apply to our jobs and seeking expert advice if in doubt about the legality of an action.

### Our Responsibilities

Maintain appropriate import, export and customs records at each ORWOOD business location.

Seek guidance from the Legal Department to ensure that shipments of information, products or software across borders comply with laws governing imports and exports.

To help prevent and detect money laundering and terrorist financing, watch for any suspicious payments, which may include cash or the equivalent (where cheques/checks or wire-transfers are the norms); payments made from personal accounts instead of business accounts.

Always consult the Legal Department before initiating business in a country new to ORWOOD .

# PERFORMANCE THROUGH TEAMWORK AND RESPECT 23

ORWOOD employ individuals and we work with business partners who represent a rich variety of backgrounds, skills, and cultures. Combining this wealth of resources creates the diverse and collaborative teams that consistently drive our achievements.

To attract and retain talented and dynamic individuals from around the world, it is vital to have a supportive work environment, based on mutual respect. ORWOOD always encourages and promotes favorable employment conditions and positive relationships between employees and managers, and we encourage open communication and employee development.

Living our values helps our Company succeed, and it also creates the setting for each of us to thrive and to reach our full potential.

Following are some of the key areas where we must be guided by in our commitment to the “Spirit of ORWOOD”

## HUMAN RIGHTS

### Our Standard

ORWOOD prohibits any act of human trafficking, slavery, servitude, and forced or compulsory labor throughout the organization, its business, and its supply chain.

We support fundamental human rights for all people. We will live up to and champion a commitment to human rights among our employees, business partners and suppliers, and comply with the applicable laws in every country in which we operate.

### Child Labor

ORWOOD will not use, nor do we support others who use child labor. ORWOOD also recognizes that this evil cannot be eradicated by simply setting up rules or inspections.

Towards this end, ORWOOD is committed to work in a proactive manner to eradicate child labor by actively contributing to the improvement of children’s social situation. ORWOOD supports the use of legitimate workplace apprenticeships, internships and other similar programs that comply with all laws and regulations applicable to such programs.

ORWOOD encourages its suppliers to also work towards a no child-labor policy and we encourage the employment of the parents of such children to secure the existence of the family and the education of the children.

### Freedom of Association

ORWOOD respects the right of employees to exercise their lawful right of free association and we recognize the rights of our employees to choose or not choose to be represented by trade unions. It is ORWOOD’s expectation that our suppliers would also do the same.

### Abolition of Forced Labor

ORWOOD prohibits forced or compulsory labor including prison or bonded labor. We will not tolerate physical punishment or abuse and we are committed to ensuring that employees enter into employment and stay on in ORWOOD out of their own free will.

We also insist that our suppliers prohibit forced labor or other compulsory labor in all of their operations.

### Our Responsibilities

- Understand relevant laws and regulations that apply to your work, and never intentionally engage in conduct that violates applicable laws and regulations.
- Be alert to changes in the law or new requirements that may affect your work.
- If you are in a leadership position at ORWOOD, take steps to ensure that suppliers know our standards and live up to them.
- Be vigilant and look out for any signs of violation of human rights or employment laws.
- Report any suppliers and business partners who keep alternative sets of payroll records or do not welcome audits, inspections or on-site visits.

## DIVERSITY AND NON-DISCRIMINATION

### Our Standard

ORWOOD's greatest asset is our employees. We believe that every employee deserves the opportunity to work and grow in a congenial environment where everyone can work without any inhibition, and free of discrimination and harassment.

We are committed to attracting, retaining, and developing the highest quality and most dedicated work force possible in today's market. We understand that when diversity is embraced, we benefit from the creativity, varied perspectives and increased innovation.

ORWOOD hires and promotes people based on their qualifications, performance and abilities, and is determined to provide a work environment free of any form of discrimination.

### Our Responsibilities

- Treat others with sensitivity.
- Co-operate with any measures introduced to develop equal opportunities.
- Never take discriminatory action or make decisions which are contrary to the letter or spirit of this policy.
- If you supervise others, you have additional responsibilities to:
  - Ensure that those who work in your team know that you are available to address any concerns that they may have about discrimination or harassment.
  - Make employment-related judgments based solely on performance and abilities. Avoid introducing unrelated considerations into your decisions. Use objective, quantifiable standards.
  - Make merit-based appraisal of your reports.
  - Review your decisions to ensure that objective merit and business considerations drive your actions.

## HARASSMENT-FREE WORKPLACE

### Our Standard

ORWOOD is committed to maintaining a workplace where each employee's personal dignity is respected and protected from offensive or threatening behavior including violence.

At ORWOOD, we believe that everyone has the right to work in an environment that is free from intimidation, harassment and abuse. We understand that harassment and abuse undermine the

integrity of employment relationships and can cause serious harm to productivity, efficiency and a harmonious workplace.

For these reasons, ORWOOD does not tolerate verbal or physical conduct by any employee that harasses another, disrupts another's work performance, or creates an intimidating, offensive, abusive or hostile work environment. This includes such behavior directed towards third parties during the course of conducting ORWOOD business.

**At ORWOOD we do not tolerate:**

- Threatening remarks, obscene phone calls, stalking or any other form of harassment.
- Causing physical injury to another.
- Intentionally damaging someone else's property or acting aggressively in a manner that causes someone else to fear injury.
- Threatening, intimidating, or coercing other employees on or off the premises—at any time, for any purpose.
- Carrying weapons in the workplace. This includes not only our facilities, but also parking lots, guest houses and alternate work locations maintained by ORWOOD.

If you become aware of conduct relating to sexual harassment, you have the option to raise your concern with the Prevention of Sexual Harassment Committee.

### Our Responsibilities

- Speaking out when a co-worker's conduct makes others uncomfortable.
- Do not tolerate sexual harassment including requests for sexual favors, or other unwelcome verbal or physical conduct of a sexual nature.
- Demonstrate professionalism at the workplace.
- Promote a positive attitude towards policies designed to build a safe, ethical and professional workplace.
- Report all incidents of intimidation, harassment and abuse that may compromise our ability to work together and be productive.

## SAFE AND HEALTHY WORK ENVIRONMENT

### Our Standard

ORWOOD promotes employee well-being as a strategic value and fundamental component of its success, and we define well-being as more than what is traditionally thought of as occupational health and safety.

ORWOOD takes appropriate measures to prevent workplace injuries and ill health and to provide employees with a safe and healthy working environment by considering evolving industry practices and societal standards of care.

ORWOOD is proactive and actively assesses and manages the health and safety impact, and possible risks associated with our existing activities as well as when planning for new activities, production of services and products.

We are committed to providing a safe and healthy workplace for colleagues and visitors to our facilities.

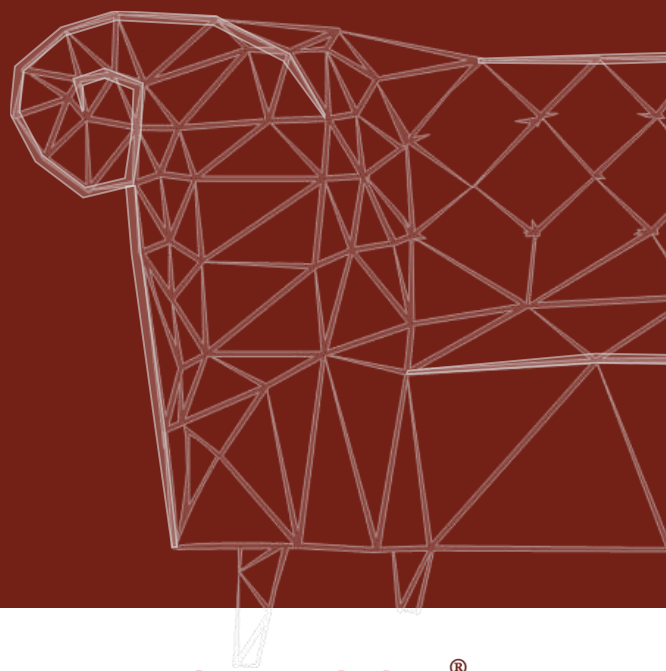


## Our Responsibilities

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- Each of us is responsible for acting in a way that protects ourselves and others. Situations that may pose a health, safety or environmental hazard must be reported immediately.
- Take appropriate measures to help identify, assess and manage the environment impacts of our existing and planned operations.
- Maintain a neat, safe working environment by keeping workstations, aisles and other workspaces free from obstacles, wires and other potential hazards.
- Notify your manager immediately about any unsafe equipment, or any situation that could pose a threat to health or safety or damage the environment. All employees have the right and responsibility to stop any work they feel may be unsafe.
- Do not use, possess or be under the influence of alcohol or illegal drugs or any substance that could interfere with a safe and effective work environment, or improperly use medication in any way that could diminish your ability to perform your job.

# TESTING REPORTS



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ORWOOD®

We are dedicated to delivering highest quality and ensuring client satisfaction by subjecting our products to rigorous testing through internationally accredited laboratories such as TSE and MASS.

This commitment guarantees compliance with global standards, durability, and reliability, reinforcing our dedication to excellence in every detail.





TÜRKAK - TÜRK AKREDİTASYON KURUMU tarafından akredite  
Accredited by TÜRKAK  
**TSE DENEY ve KALİBRASYON MERKEZİ BAŞKANLIĞI**  
Makina ve Yapı Malzemeleri Grup Başkanlığı  
Yapı Malzemeleri Laboratuvarı Ankara Müdürlüğü

Adres/Address: Cad. No 112 06030 Beşikdüzü Çankaya/ ANKARA  
Tel: +90 (312) 414 65 28 Fax: +90 (312) 414 66 18 E-posta: tsm@tse.org.tr Web: www.tse.org.tr

HEADSHIP OF TSE TEST and CALIBRATION CENTER  
CONSTRUCTION MATERIALS LABORATORY (ANKARA)

Adres/Address: Cad. No 112 06030 Beşikdüzü Çankaya/ ANKARA  
Tel: +90 (312) 414 65 28 Fax: +90 (312) 414 66 18 E-posta: tsm@tse.org.tr Web: www.tse.org.tr

**MUAYENE VE DENEY RAPORU**  
**TEST REPORT**



TSE DENEY BELGESİ  
AS 0501.1

A B-0001-T

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<b>Deneyi Talep Eden</b> (Ad, Adres, Şehir vb.)	1 ORWOOD INTERNATIONAL MİMAR VE TİC. LTD. ŞTİ.
<b>Ciğdem</b> (Name, Address, City etc.)	ZİYACÖKALP CAD. SÜLEYMAN DEMİREL BUL. MALL OF İSTANBUL OFİS BLOĞU NO:7 E KAT 11 D:86 BAŞAKŞEHİR -İSTANBUL
<b>Deney Talep Tarihi/No</b> Order Date / No	2 22.08.2017 / 187044
<b>Nümunenin Tanımı</b> (Tür, Malz, Tip, Tm, Model vb.)	3 A10509, , Akap (akaplı), kolpaçlı, oturma duruşuna göre çekil, oturma elemanı (kolpaç), , - , - , 1.00 adet
<b>Sample Description</b> (Type, Material, Model etc.)	Single seated seating unit with armrests (armchairs) construction made of wood, 1.00 unit
<b>Nümunne Kabul Tarihi</b> Test Item Receipt Date	4 22.08.2017
<b>Deneylerin Yapıldığı Tarih</b> Date of Test	5 22.08.2017 - 06.10.2017
<b>Uygulanan Standard / Metod</b> Applied Standard/Method	6 TS EN 12520:2016-04 Mobilya - Mukavemet, dayanıklılık ve emniyet - Evlerde kullanılan oturma elemanları için gerekler TS EN 12520:2016-04 Furniture - Strength, durability and safety - Requirements for domestic seating
<b>Raporun Sayfa Sayısı</b> Number of pages of the report	7 6
<b>Açıklamalar</b> Remarks	8 Özel İnceleme Private Test Request

Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC) ile karşılıklı tanıma anlaşmalarını imzalamıştır.  
The Turkish Accreditation Agency(TÜRKAK) is signatory to the multilateral agreements of the European co-operation for the Accreditation(EA) and of the International Laboratory Accreditation(ILAC) for the Mutual recognition of test reports.

Deney ve/veya ölçüm sonuçları, gerçekleştirilmiş ölçüm belgilerinde (cebnus belgiler) ve deney metodları bu raporun tamamlayıcı kısmı olan talep eden sayfa(lar)da verilmiştir.  
The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

Bu rapor özel deney talebine (sümeden dışarıda) olup, Standartlara Uygunluk Belgesi niteliğinde değildir. Partiyi temsil etmez, ayrıca ilan, reklam ve işlemlerde uygunluk belgesi niteliğinde kullanılamaz.  
This test report was prepared upon customer's request, can not be used as certificate of conformity to standards, does not represent a batch and can not be used as conformity document for advertisements and procurements.

This test report was prepared upon customer's request, can not be used as certificate of conformity to standards, does not represent a batch and can not be used as conformity document for advertisements and procurements.



**Deney Sorumlusu**  
Person in charge of tests

İsmail MİRAC YILMAZ  
Mühendis

**Kontrol Eden**  
Reviewer

Hasan AKSEJ  
Teknik Şef

**Onaylayan**  
Approved by

Mehmet ÇAKIR  
Laboratuvar Müdürü

Bu rapor, deneyin laboratuvarımızdaki test ortamında kontrol edilmiş olup, laboratuvar raporları geçerlidir.  
This report is valid only if it is signed by the laboratory. This report is valid only if it is signed by the laboratory. This report is valid only if it is signed by the laboratory.  
This test report represents only tested samples, and shall not be used as Product Certificate.



DENEY VE KALİTE MERKEZİ BAŞKANLIĞI YAPI MALZEMELER LABORATUVARI MÜDÜRLÜĞÜ (ANKARA)  
HEADSHIP OF TSE TEST and CALIB. CENTRE CONSTRUCTION MATERIALS LABORATORY (ANKARA)

## MUAYENE - DENEY SONUÇLARI TEST RESULTS

**DENEYLER :** Sıcaklık  $23 \pm 2^{\circ}\text{C}$  , Nem  $\%50 \pm 5$ 'de yapılmıştır.

**TESTS:** are performed at  $23 \pm 2^{\circ}\text{C}$  temperature and  $\%50 \pm 5$  humidity.

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DENEY NUMUNESİ FOTOĞRAFLARI / PHOTOS OF TEST SAMPLE

LAB-D-FR-36/01.09.2016-1

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STANDARDDA İSTENEN / REQUIRED IN STANDARD	BULUNAN / RESULTS	SONUÇ / CONCLUSION
<p><b>5 Yapım gerekleri /Constructional requirements</b></p> <p><b>5.1 Genel gerekler /General requirements</b></p> <p>Oturma elemanının, amaçlanan kullanım sırasında kullanıcının temas edeceği bütün kısımları, fiziksel yaralanmalara ve zarara meydan vermeyecek şekilde tasarlanmalıdır.</p> <p>Bu gerekler aşağıdakiler yerine getirildiğinde karşılanmış olur:</p> <p>1) Kullanıcının doğrudan temas halinde bulunduğu oturma elemanının kenarları yuvarlatılmalı veya pahlılandırılmalıdır. Kullanım sırasında oluşabilecek diğer bütün kenarlar pürüz, çapak veya keskin uçlar içermemelidir.</p> <p>2) İki boş elemanın uçları kapalı olmalı veya kapak takılmalıdır.</p> <p>Hareket edebilen ve ayarlanabiles kısımlar, yaralanmaları ve kazara oluşabilecek hareketlere meydan vermeyecek şekilde tasarlanmalıdır.Oturma elemanının herhangi bir yük taşıyıcı kısmında istenmeyen herhangi bir gevşeme ve açılma oluşmamalıdır.Kaymaya yardımcı olmak için yağlanan bütün kısımlar, kullanım sırasında kullanıcıyı yağ lekelerinden koruyacak şekilde tasarlanmalıdır.</p> <p><i>All parts of the seating with which the user comes into contact, during intended use, shall be designed to ensure that physical injury and damage are avoided. These requirements are met when:</i></p> <p><i>a) edges of the seat, back rest and arm rests, which are in contact with the user when sitting are rounded or chamfered. All other edges accessible during use shall be free from burrs and/or sharp edges;</i></p> <p><i>b) ends of hollow components are closed or capped.</i></p> <p><i>Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided.</i></p> <p><i>It shall not be possible for any load bearing part of the seating to come loose unintentionally.</i></p> <p><i>All parts which are lubricated to assist sliding shall be designed to protect users from lubricant stains when in normal use.</i></p> <p><b>5.2 Makaslama ve sıkıştırma noktaları/ Shear and squeeze points</b></p> <p><b>5.2.1 Kurma ve katlama esnasında oluşan makaslama ve sıkıştırma noktaları / Shear and squeeze points when setting up and folding</b></p> <p>Madde 5.2.2 veya Madde 5.2.3'ün uygulanabilir olmadığı durumlarda, Madde 3.3'te tarif edilmiş olan ve oturma yerinin eğilmesini de içeren, yalnızca kurma ve katlama sırasında oluşan, makaslama ve sıkıştırma noktaları kabul edilebilir. Çünkü kullanıcının hareketlerinin kontrolü olacağı ve acı hissettiği anda uygulanan kuvveti durdurabileceği varsayılabilir.</p> <p>Birbirine oranla hareket eden ve makaslama ve sıkıştırma noktaları oluşturan parçaların kenarları, Madde 5.1'de belirtildiği gibi olmalıdır.</p> <p><i>Unless 5.2.2 or 5.2.3 are applicable, shear and squeeze points, as defined in 3.3, that are created only during setting up and folding, including tipping seat, are acceptable, because the user can be assumed to be in control of his/her movements and to be able to cease applying the force immediately upon experiencing pain.</i></p> <p><i>The edges of parts moving relative to each other and creating shear and squeeze points shall be as specified in 5.1.</i></p>	Uygun / Appropriate.	GEÇER / PASS

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STANDARDDA İSTENEN / REQUIRED IN STANDARD	BULUNAN / RESULTS	SONUÇ / CONCLUSION
<p><b>5.2.2 Güçlendirilmiş mekanizmaların etkisi altında oluşan makaslama ve sıkıştırma noktaları / Shear and squeeze points under influence of powered mechanisms</b> Oturma yerinin eğilmesi dışında, mekanik yaylar, gazlı yükselticiler ve motorize sistemler gibi güçlendirilmiş mekanizmalar vasıtasıyla çalışan oturma elemanının bölümlerinin oluşturduğu makaslama ve sıkıştırma noktası bulunmamalıdır.</p> <p><b>Not -</b> Elektrikle çalışan oturma elemanı; EMC (elektromanyetik uyumluluk), makina, düşük voltaj ve tıbbi cihazlar için EEC direktifleri kapsamındadır.</p> <p><i>With the exception of tipping seats there shall be no shear and squeeze points created by parts of the seating under powered mechanisms e.g. springs and gas lifts.</i></p> <p><i>NOTE Electrically operated seating is covered by EEC Directives for EMC, Machinery, Low Voltage or Medical Devices.</i></p> <p><b>5.2.3 Kullanım esnasında oluşan makaslama ve sıkıştırma noktaları / Shear and squeeze points during use</b> Normal kullanım sırasında uygulanan yüklerin oluşturduğu, temas edilebilen makaslama ve sıkıştırma noktaları olmamalıdır. Normal kullanım sırasında uygulanan yükler, Çizelge 1'den elde edilebilir. Arkalığı ayarlama veya oturma yerini kaldırmak suretiyle hareket ettirmek veya arkağı ayarlama girişimleri gibi kullanıcının normal hareketleri veya eylemleri arasındaki ağırlıktan kaynaklanan bir tehlike oluşuyorsa, makaslama ve sıkıştırma noktalarına müsaade edilir.</p> <p><b>Not -</b> Otomatik kilitleme mekanizmaları kullanılarak bu tehlike en iyi şekilde önlenir.</p> <p><i>There shall be no shear and squeeze points created by loads applied during normal use. The loads applied during normal use can be found in Table 1.</i></p> <p><i>Shear and squeeze points are not acceptable if a hazard is created by the weight of the user during normal movements and actions, e.g. attempting to move the seating by lifting the seat or by adjusting the backrest.</i></p> <p><i>NOTE This hazard is best prevented by the use of automatic locking mechanisms.</i></p>	Uygun dur. / Appropriate.	GEÇER / PASS
<p><b>5.3 Denge / Stability</b></p> <p>Oturma elemanı, EN 1022'deki ilgili gerekleri karşılamalıdır. <i>The seating unit shall fulfil the relevant requirements of EN 1022.</i></p>	Uygun dur. / Appropriate.	GEÇER / PASS

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MUAYENE - DENEY SONUÇLARI TEST RESULTS

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STANDARDDA İSTENEN/ REQUIRED IN STANDARD	BULUNAN / RESULTS	SONUÇ / CONCLUSION
<p><b>5.4 Mukavemet ve dayanıklılık / Strength and durability</b></p> <p><b>5.4.1 Genel / General</b></p> <p>Oturma elemanları, EN 1728'deki deney şartlarına uygun olarak ve Çizelge 1'deki sıra takip edilerek mukavemet ve dayanıklılık deneyine tabi tutulur.</p> <p><i>Seating shall be tested for strength and durability according to and in the order given in Table 1 and in accordance with the test conditions contained in EN 1728.</i></p> <p><b>5.4.2 Mukavemet ve dayanıklılık gerekleri / Strength and durability requirements</b></p> <p>Çizelge 1'e göre deneye tabi tutulduktan sonra;</p> <p>a) Herhangi bir eleman, birleştirmeler veya bölgede kırılma oluşmazsa,</p> <p>b) Rijit olarak tasarlanan birleştirme yerlerinde gevşeme olmazsa,</p> <p>c) Deney yüklerinin kaldırılmasından sonra oturma elemanı fonksiyonlarını yerine getiriyorsa,</p> <p>d) Oturma elemanı denge gereklilerini sağlıyorsa,</p> <p>mukavemet ve dayanıklılık gerekleri karşılanmış olur.</p> <p><i>The strength and durability requirements are fulfilled when during and after testing in accordance with Table 1:</i></p> <p>a) there are no fractures of any member, joint or component;</p> <p>b) there are no loosening of joints intended to be rigid;</p> <p>c) seating fulfils its functions after removal of the test loads;</p> <p>d) seating fulfils the stability requirements.</p>	<p>Uygun dur./Appropriate.</p>	<p>GEÇER / PASS</p>
<p><b>6 Kullanım bilgileri / Information for use</b></p> <p>Mobilyanın son kullanıcısına teslim edileceği ülkenin diliyle ve en az aşağıdaki ayrıntıları kapsayacak şekilde kullanma talimatı mevcut olmalıdır.</p> <p>a) Uygun durumlarda kurma talimatları,</p> <p>b) Oturma elemanının bakımı ve muhafaza talimatları,</p> <p>c) Oturma elemanı, akü ile çalışan bir oturma yeri yüksekliğini ayarlama cihazı ile donatılmışsa, akü ile çalışan, oturma yeri yüksekliğini ayarlama elemanlarının tamiri ve söküp değiştirme işlemlerinin yalnızca eğitilmiş bir personel tarafından yapılması gerektiğini belirten ilave bir not.</p> <p><i>Information for use shall be available in the language of the country in which it will be delivered to the end user.</i></p> <p><i>It shall contain at least the following details:</i></p> <p>a) assembly instructions, where applicable;</p> <p>b) instructions for the care and maintenance of the seating;</p> <p>c) if the seating is fitted with seat height adjusters with energy accumulators, an additional note is required pointing out that only trained personnel may replace or repair seat height adjustment components with energy accumulators.</p>	<p>Bu madde için değerlendirme talep edilmemiştir.</p> <p><i>Evaluation is not requested for this clause.</i></p>	<p>---</p>

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# MUAYENE - DENEY SONUÇLARI TEST RESULTS

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Çizelge 1 - Deneyler ve deney sıraları / Table 1 - Tests and test sequences

Deneysel Test	Atat/Reference	Deneysel parametreleri/Test parameters	
1. Oturma yeri ve arkasına statik yük deneyi/ Seat and back static load test	EN 1728:2012 Madde 6.4 EN 1728:2012, 6.4	Ötuma yeri Kuvveti/Seat force, N Arkalık Kuvveti/ Back force, N Arkalık min. Kuvvet /Minimum back force, N Load applied to seats not being tested, N Uygulama sayısı/ Cycles	1300 450 410 750 10
2. Oturma yeri ön kenarına statik yük deneyi/ Seat front edge static load test	EN 1728:2012 Madde 6.5 EN 1728:2012, 6.5	Kuvvet/ Force, N Load applied to seats not being tested, N Uygulama sayısı/ Cycles	1300 750 10
3. Ayak raylarına statik yük deneyi/ Foot rail static load test <sup>a</sup>	EN 1728:2012 Madde 6.8 EN 1728:2012, 6.8	Kuvvet/ Force, N Minimum stat force, N Uygulama sayısı/ Cycles	1000 750 10
4. Kolçakta yanlara doğru statik yük deneyi/ Arm sideways static load test	EN 1728:2012 Madde 6.10 EN 1728:2012, 6.10	Kuvvet/ Force, N Uygulama sayısı/ Cycles	300 10
5. Kolçakta aşağıya doğru statik yük deneyi/ Arm downwards static load test	EN 1728:2012 Madde 6.11 EN 1728:2012, 6.11	Kuvvet/ Force, N Uygulama sayısı/ Cycles	700 10
6. Oturma yeri ve arkalık yorulma deneyi/ Seat and back fatigue test <sup>b</sup>	EN 1728:2012 Madde 6.13 EN 1728:2012, 6.13	Uygulama sayısı/ Cycles Ötuma yeri/ Seat, N Load applied to seats not being tested, N Arkalık/ Back N	25000 1000 750 300
7. Oturma yeri ön kenar yorulma deneyi/ Seat front edge fatigue test <sup>c</sup>	EN 1728:2012 Madde 6.18 EN 1728:2012, 6.18	Uygulama sayısı/ Cycles Kuvvet/ Force N	20000 800
8. Kolçak yorulma deneyi/ Arm fatigue test	EN 1728:2012 Madde 6.20 EN 1728:2012, 6.20	Uygulama sayısı/ Cycles Kuvvet/ Force N	10000 400
9. Ayak yorulma deneyi/ Leg forward static load test	EN 1728:2012 Madde 6.15 EN 1728:2012, 6.15	Kuvvet/ Force, N (azami/max.) Ötuma yeri yükü/Seat load, N Uygulama sayısı/ Cycles	400 1000 10
10. Yanlara doğru ayda statik yük deneyi/Leg sideways static load test	EN 1728:2012 Madde 6.16 EN 1728:2012, 6.16	Kuvvet/ Force, N (azami/max.) Ötuma yeri yükü/Seat load, N Uygulama sayısı/ Cycles	300 1000 10
11. Oturma yerine çarpma deneyi/ Seat impact test	EN 1728:2012 Madde 6.24 EN 1728:2012, 6.24	Düşürme yüksekliği/ Drop height, mm Uygulama sayısı/ Cycles	180 10
12. Arkaya doğru düşme deneyi/ Backwards fall test <sup>d</sup>	EN 1728:2012 Madde 6.28 EN 1728:2012, 6.28	Etki (darbe) sayısı/ Number of impacts	1
13. Arkalık (Arkaya doğru) çarpma deneyi/ Back impact test <sup>e</sup>	EN 1728:2012 Madde 6.25 EN 1728:2012, 6.25	Düşürme yüksekliği/ Height of fall, mm <sup>f</sup> Uygulama sayısı/ Cycles	120/28 10

<sup>a</sup> Bu deney yalnızca oturma yeri yüksekliği 600 mm'den fazla olan oturma elemanlarına uygulanabilir/ This test is only applicable to seating with a seat height greater than 600 mm.

<sup>b</sup> Bu deney, yalnızca sandalyeyi arkaya doğru devirmek için kullanılan kuvvetin 30 N'dan az olacağı ve zemine çarpacak bileşimin ilk kısmının arkalık olacağı tekli oturma elemanı üniteleri içindir / This test is only for single seating units where the back will be the first part of the structure to strike the floor and the force used to overturn the chair rearwards is less than 30 N.

<sup>c</sup> Bu deney, 12. deneye göre deneye tabii testin yapıları bütün oturma elemanları için uygulanır / This test is for all seating not tested in accordance with Test 12.

<sup>d</sup> Yükseklik noktası EN 1728:2012'nin istenilen olarak ilgili kısımdan 80 mm mesafede olmalı /In derogation of EN 1728:2012 the landing points shall be 80 mm from the relevant edges of the seat.

<sup>e</sup> Minimum kuvvet arkaya doğru devrilmeyi önleyecek kadarlık kuvvet /The minimum back force is the force that just prevents rearward overturning.

## SONUÇ VE DÜŞÜNCELER/ RESULTS AND CONCLUSION: —

-Bu rapor sadece deneyi yapılan numune için geçerlidir. / This report is only valid for the sample tested.

-İş bu rapor 06.10.2017 tarihinde altı sayfa ve tek nüsha olarak düzenlenmiştir. / The report is arranged at 06.10.2017 as six pages and one copy.

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**MASS LABORATUVAR ve DANIŞMANLIK HİZMETLERİ A.Ş.**  
Sultanıye Mah. 350 Sk. Şelale Plaza 1/110 Esenyurt / İstanbul



**MASS**  
MULTI SCIENCE

**TEST REPORT**



AB-1454-T
22080196
08-22

Rapor No / Revizyon No : 22080196/0  
Numune Kabul Tarihi : 11.08.2022

Rapor Yayın Tarihi : 26.08.2022  
Sayfa : 1 / 6

**MÜŞTERİ BİLGİLERİ**

Beyvuru Sahibi: ORWOOD INTERNATIONAL MİMARLIK SANAYİ VE TİCARET LTD ŞTİ.  
Adresi: Bahçeşehir 1. Kısım Sakarya Cad. Tem 34 Tahtakale No:59 Başakşehir İSTANBUL  
İlgili Kişi: \*  
İletişim Bilgileri: m.veysel@orwood.com

**NUMUNE BİLGİLERİ**

Numune Tanımı: MATTRESS  
Numune Miktarı: 1 Adet  
Marka: -  
Model Numarası: ORWOOD, OR-LUFM

Açıklama: Müşteri talebi doğrultusunda aşağıdaki analizler yapılmıştır.

**GENEL DEĞERLENDİRME GEÇER**

Mühür

Numune Kabul ve Raporör

Laboratuvar Müdürü

Date



Dijital olarak  
imzalayan  
TUNAHAN  
EKER



Dijital  
olarak  
imzalayan  
SELİN EKER

26.08.2022

Mass Laboratory and Consulting A.Ş., which operates as an environmental laboratory, is fully responsible for its data with the services AB-1454-T in accordance with TS EN ISO / IEC 17025 standards. The Turkish Accreditation Agency (TSE) issued a recognition agreement with the European Accreditation Association (EAC) and is a member of the International Laboratory Accreditation Association (ILAC) for the recognition of test reports. Analysis results, methods and other information about the sample are given in the relevant pages of this report in line with the information specified in the "Analysis Request Form" (C.31 RE-027) by the customer. The test results are valid for the sample specified above. It may not represent the rest of the sample. This report does not replace the "Product Certificate". The customer must ensure the sample is correctly prepared, transported and stored for any other purpose without the written consent of Mass Laboratory and Consulting A.Ş. Sampling fee, not been done by us. Unprepared and unwanted samples are rejected. Samples marked with "X" are included in the scope according to TSEAA in accordance with TS EN/ISO / IEC 17025. The remaining samples from the tests are stored under appropriate conditions for 15 days from the date of the report. Samples that are physically, chemically, or biologically degraded samples are discarded regardless of the storage period. The customer cannot claim any rights in this regard. This analysis results in this report is for their "TSE" evaluation according to these results and data according to the "Implementation Instruction of the Service Form" (M.32 / 1.0.07).



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### ÜRÜN FOTOĞRAFI



### ÖZET TEST SONUÇLARI

	ANALİZ ADI	ANALİZ METODU	DEĞERLENDİRME
*	Azoboyar Madde Tayini	TS EN ISO 14362-1:2017	GEÇER
*	pH Tayini	ISO 3071:2020	GEÇER
	Elyaf Kompozisyonu	ISO 1833-1:2020	GEÇER
	Suya Karşı Renk Haslığı	ISO 105-E01:2013	GEÇER
	Sürtünmeye Karşı Renk Haslığı	ISO 105-X12:2016	GEÇER
	Yanmadık	16 CFR 1630	GEÇER
*	Formaldehit Tayini	EN ISO 14184-1:2011	GEÇER
	İyük Haslığı	ISO 105-B02:2014	GEÇER
	Organik solvent ile sürtünmeye karşı renk haslığı	BS EN ISO 105-D02: 2016	GEÇER

### PRODUCT DETAILS

ÜRÜN	PARÇA NO	PARÇA TANIMI	ORTAK PARÇA
A	1	Ekru ana kumaş	



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### TEST SONUÇLARI

Müşteri talebi doğrultusunda aşağıdaki analizler yapılmıştır.

Karar Kuralı : Müşteri, "Ölçüm belirsizliği dahil edilmeden" uygunluk beyanı verilmesini istediğini belirtmiştir.

* AZO TAYİNİ (TEKSTİL)			
Test Metodu	ISO 14362-1:2017		
Test Başlangıç Tarihi:	11.08.2022	Test Bitiş Tarihi:	26.08.2022
Test Kısımları	Sonuç (mg/kg)	Limit (mg/kg)	Değerlendirme
1	<1,91	20	GEÇER

Kontrol Edilen Parametreler:

2,4-Diaminotoluene	(Cas No: 95-80-7)
2-Methoxy-5-methylaniline	(Cas No: 120-71-8)
4,4-Methylene-bis(2-chloroaniline)	(Cas No: 101-14-4)
4,4-Diamino-3,3-dimethyldiphenyl methane	(Cas No: 838-88-0)
3,3-Dimethoxybenzidine	(Cas No: 135-93-7)
2-Anilidine	(Cas No: 90-04-0)
4-Amino-2,3-dimethylazobenzene	(Cas No: 97-56-3)
2,4,5-Trimethylaniline	(Cas No: 137-17-7)
4-Aminophenylether (4,4-oxydianiline)	(Cas No: 101-80-4)
Bis-(4-aminophenyl) methane	(Cas No: 101-77-9)
4-Aminobiphenyl	(Cas No: 92-67-1)
o-Toluidine	(Cas No: 95-53-4)
2-Aminonaphthalene	(Cas No: 91-56-8)
4-Chloroaniline	(Cas No: 106-47-5)
3,3-Dimethoxybenzidine	(Cas No: 139-90-4)
2-amino-4-nitro toluene	(Cas No: 99-55-8)
3,3-Dichlorobenzidine	(Cas No: 91-94-1)
4-chloro-o-toluidine	(Cas No: 95-69-2)
4-Aminoazobenzene (4-aab)*	(Cas No: 60-09-3)
4,4-Benzidine	(Cas No: 92-87-5)
4-Aminophenylthioether	(Cas No: 139-65-1)
2,4-diaminoanisole	(Cas No: 615-05-4)

Raporlama Limiti : 1,91 mg/kg

\* 4-aab formu metot kapsamında 1,4-Fenildiamin ve/veya Anilin'e dönüştürüldüğünden 4-aab bşırlı içın test ISO 14362-3 yöntemi ile tekrarlanır.

Gas Kromatografi Kütle Spektroskopisi (GC-MS) cihaz ile tayin edilmiştir.

ELYAF KOMPOZİSYONU			
Test Metodu	ISO 1833-1:2020		
Test Başlangıç Tarihi:	11.08.2022	Test Bitiş Tarihi:	26.08.2022
Test Kısımları	Sonuç (%)	Limit (%)	Değerlendirme
1	95,0% Polyester 5% Pamuk	-	-

Tekstil - Genel test prensipleri

1007:2011 Sayılı YÖNETMELİK (AB)'den alınan nem içeriği

Polyester (%)  
Acrylic (%)  
Cotton (%)  
Wool (%)  
Silk (%)  
Elastane (%)  
Viscose (%)  
Polyamide (%)



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### SÜRTÜNMEYE KARŞI RENK HASLIĞI (KURU/ISLAK)

Test Metodu	ISO 105-X12:2016		
Test Başlangıç Tarihi:	11.08.2022	Test Bitiş Tarihi:	26.08.2022
Test Kısımları	Sonuç	Limit	Değerlendirme
1	Kuru – 4/5 Islak – 4/5	4	GEÇER

Yöntem Açıklaması:

Tekstillerin renginin sürtünmeye karşı direncinin belirlenmesi. Test numunesinin ve pamuklu ovma bezinin kondisyonlama süresi 4 saatten az değildir. Sürtünen parmak, (104 ± 3) mm'lik bir iz boyunca düz bir çüpe ile geri hareket eden (9 ± 0,2) N'lik ayağı doğru bir kuvveti. Gri Tonlamalı ISO 105-A03:1993 ile Değerlendirme

### SUYA KARŞI RENK HASLIĞI

Test Metodu	ISO 105-E01:2013		
Test Başlangıç Tarihi:	11.08.2022	Test Bitiş Tarihi:	26.08.2022
Test Kısımları	Sonuç	Limit	Değerlendirme
1	Renk Değişimi (CC) – 4/5	3	GEÇER
	Renk Boyama (CS) – 4/5	3	GEÇER

Parça No	Asetat	Pamuk	Naylon	Polyester	Akrilik	Yün	GEREKİLİLİK	DEĞERLENDİRME
1	4/5	4/5	4/5	4/5	4/5	4/5	3	GEÇER

Yöntem Açıklaması:

Perspektometreli DW Multifiberden yapılır. Gri Tonlamalı ISO 105-A02:1993 ve Gri Tonlamalı ISO 105-A03:1993'e göre değerlendirme yapılır.



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YANMAZLIK			
Test Metodu	16 CFR 1610:2018		
Test Başlangıç Tarihi:	11.08.2022	Test Bitiş Tarihi:	26.08.2022
Test Kısımları	1		
Değerlendirme	PASS		
ORJİNAL		KURU TEMİZLEME / YIKAMA SONRASI *	
Alev yayılma zamanı (s)	Yakma Kodu	Alev yayılma zamanı (s)	Yakma Kodu
-	1. DNE	-	P1 DNE
-	2. DNE	-	P2 DNE
-	3. DNE	-	P3 DNE
-	4. DNE	-	P4 DNE
-	5. DNE	-	P5 DNE
5 numune için Ortalama Saniye	-	5 numune için Ortalama Saniye	-

DNE: ATEŞLEMEDİ

IBE: ATEŞLENDİ, AKA SONDÜ

SPFW : YÜZEY FLAŞ, PARÇA YOL, YÜZEY FLAŞ KABLOYA ULAŞMADIĞINDAN ZAMAN GÖSTERİLMEYOR.

SPPOE: YÜZEY FLAŞ, YALNIZCA ETKİ NOKTASINDA.

SPBİ POE: SANIYE OLARAK SÜRE, SIKIŞMA NOKTASINDA BAŞLAYAN YÜZEY FLAŞ TABAN YANMASI

SINIFLANDIRMA : SINIF I - NORMAL YANICILIK

Test için gönderilen malzeme, Federal Yangın Kurumları Yasaı prosedür ve gerekliliklerine uygun olarak test edildiğinde ve sınıflandırıldığında SINIF I malzeme (Normal Yanabilirlik) olarak derecelendirilir.

\* Yıkama Durumu: AATCC 129:2006, Tek çevrim, (3V) (1) A (H)

(1 Devir, MWH 49 ±3°C, toplam yük 3,6 kg; Normal / Pamuklu Sağlam Devir; TD Dayanıklı Pres 67±5°C)

* pH TAYİNİ			
Test Metodu	ISO 3071:2020		
Test Başlangıç Tarihi:	11.08.2022	Test Bitiş Tarihi:	26.08.2022
Test Kısımları	Sonuç	Limit	Değerlendirme
1	Sonuç 1 : 5,75/ 20,4°C	4,0 - 9,0	GEÇER
	Sonuç 2 : 5,79/ 20,4°C		
	Ortalama Sonuç : 5,17		

Limit Değer : Müşteri tarafından verilir.  
pH 4,0- 9,0 barm

Sonuçlar pH metre cihazı ile belirlendi.



**MASS**  
MULTI SCIENCE

MASS LABORATUVAR ve DANIŞMANLIK HİZMETLERİ A.Ş.

**TEST REPORT**

AB-1454-T

22080196

08-22

Rapor No / Revizyon No : 22080196

Sayfa:

6 / 6

**\* FORMALDEHİT TAYİNİ**

Test Metodu	EN ISO 14184-1:2011		
Test Başlangıç Tarihi:	11.08.2022	Test Bitiş Tarihi:	26.08.2022
Test Kısımları	Sonuç (mg/kg)	Limit (mg/kg)	Değerlendirme
1	<1,5	300	GEÇER

Kontrolü Parametreler:  
Formaldehit (CAS No : 50-00-0)

Rapor Limiti : 1,50 mg/kg  
UV Spektroskopisi (UV) cihaz ile analiz.

**İŞİK HASLIĞI**

Test Metodu	ISO 105-B01:2014		
Test Başlangıç Tarihi:	11.08.2022	Test Bitiş Tarihi:	26.08.2022
Test Kısımları	Sonuç	Limit	Değerlendirme
1	Above 4	4	GEÇER

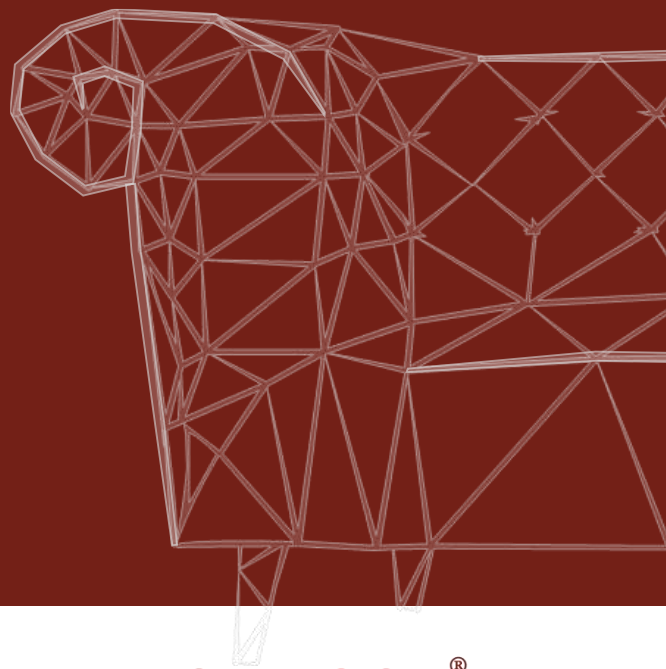
Yöntem Açıklaması:  
Tekstilren renklerinin ışığa karşı direncinin belirlenmesi. CIE yayını No.31'e göre kullanılan renk uyumlu lambalar.  
Gray Scale ISO 105-A02 ile Değerlendirme.

**SOLVENT ORGANİK SOLVENT İLE SÜRTÜNMEYE KARŞI RENK HASLIĞI**

Test Metodu	BS EN ISO 105-D02: 2016				
Test Başlangıç Tarihi:	11.08.2022			Test Bitiş Tarihi:	26.08.2022
Test Kısımları	Sonuç			Limit	Değerlendirme
1	Lekeleme	Tetrachloroethylene	White Spirit	4	GEÇER
		Uzunlamasına 4/5 Enlemesine 4/5	Uzunlamasına 4/5 Enlemesine 4/5		
	Renk değişimi	Tetrachloroethylene	White Spirit	4	GEÇER
		Uzunlamasına 4/5 Enlemesine 4/5	Uzunlamasına 4/5 Enlemesine 4/5		

**\* Rapor Sonu \***

# PORTFOLIO



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ORWOOD®

Hospitality



Commercial



Residential



# Hospitality



Valeria Dar Atlas Resort	Marrakech, Morocco	4* Resort	FF&E Works
Valeria Madian Club Resort	Marrakech, Morocco	4* Resort	FF&E Works
4 Points Marriot	Casablanca, Morocco	4* Hotel	Full Fit Out & FF&E
Hilton Kampala	Kampala, Uganda	5* Hotel	Value Engineering
Radisson Blue	Lagos - Nigeria	5* Hotel	Lobby Interior Works
Lamaison D'royal Tower by Damac	Dubai – UAE	5* Apartments	FF&E Works
African Pride Hotel By Marriott	Lagos - Nigeria	5* Hotel	Life Day SPA Works
African Pride Hotel By Marriott	Lagos - Nigeria	5* Hotel	Public Area Joinery
Madinat Al Bahar Sheraton	Zanzibar – Tanzania	5* Hotel	Interior Fit Out
RAMADA Hotel	Dar Es Salaam - Tanzania	4* Hotel	Full Fit Out & FF&E
Double Tree By Hilton	Bujumbura - Burundi	4* Hotel	Full Fit Out & FF&E
Double Tree By Hilton	Dar Es Salaam - Tanzania	4* Hotel	Refurbishing Fit Out Works
Double Tree By Hilton Suits	Dar Es Salaam - Tanzania	4* Suits	Full Fit Out & FF&E
Mbweni Ruins Protea Hotel	Zanzibar – Tanzania	4* Resort	Design And Full Fit Out & FF&E
Amani Beach Hotel	Dar Es Salaam - Tanzania	4* Resort	Design And Full Fit Out & FF&E
Staywell Furnished Apartment	Dar Es Salaam - Tanzania		Full Refurbishing Solution
Protea Hotel IKEJA	Lagos - Nigeria	4* Hotel	Full Refurbishing Solution
Massai Hotel Apartment	Dar Es Salaam - Tanzania	3* Hotel	Apartments Full Interior Sol
Four Points By Sheraton	Dar Es Salaam - Tanzania	4* Hotel	Full Fit Out
Four Points By Sheraton	Arusha - Tanzania	4* Hotel	Doors And Public Area
Marriott Residence Inn	Dammam - KSA	4* Hotel	Full Fit Out & FF&E
Guzape Luxury Suits	Abuja - Nigeria	4* Suits	ID & Fit Out
Pearl Lounge	Abuja Airport - Nigeria	VIP	Full Fit Out & FF&E
Pearl Lounge	Port Harcourt Aiport - Nigeria	VIP	Full Fit Out & FF&E



# Valeria Dar Atlas Resort



20 Units



320 Keys



+40 Product Types



+3K Products Quantity



Morocco





# Valeria Madina Club



9 Units



432 Keys



+20 Product Types



+6K Products Quantity



Morocco

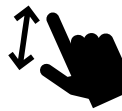


# Hotel Bouskoura

by  
**4 Points Marriot**



171 Keys



Turnkey Solution



Morocco / Casablanca



# Hilton Kampala



258 Keys



+4000 m2 Public Area



+20 Product Types



+10K Products Quantity



Study & Planning



Uganda



# St. Regis



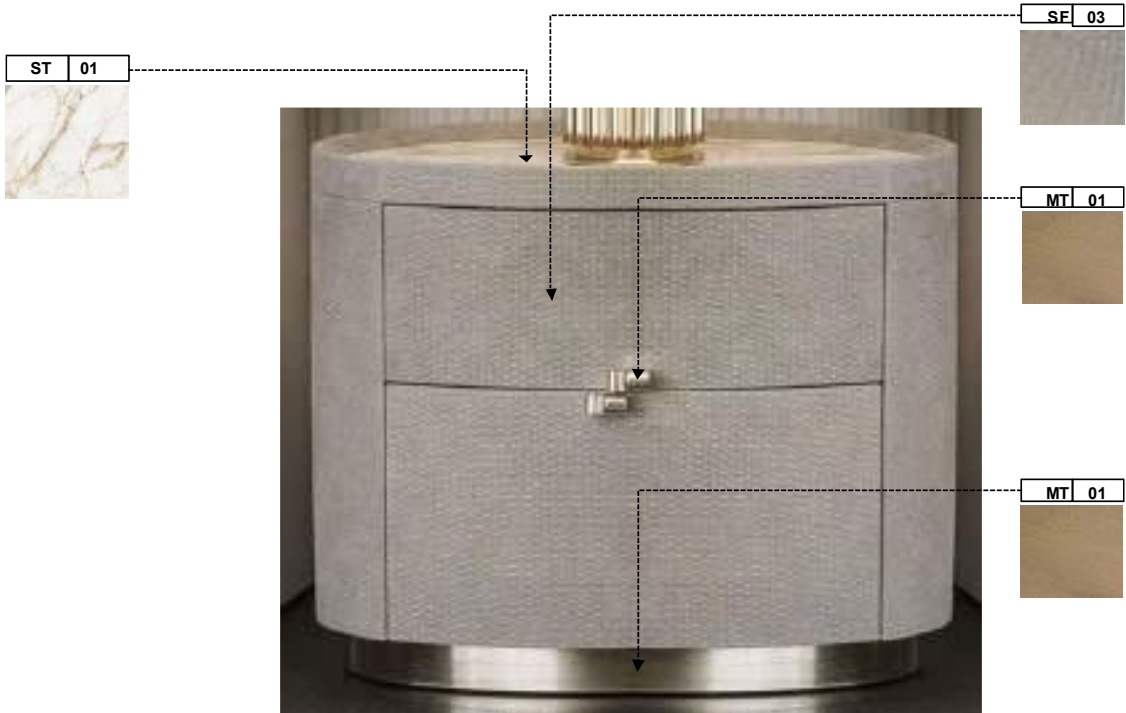
Loose Furniture



Qatar - Doha



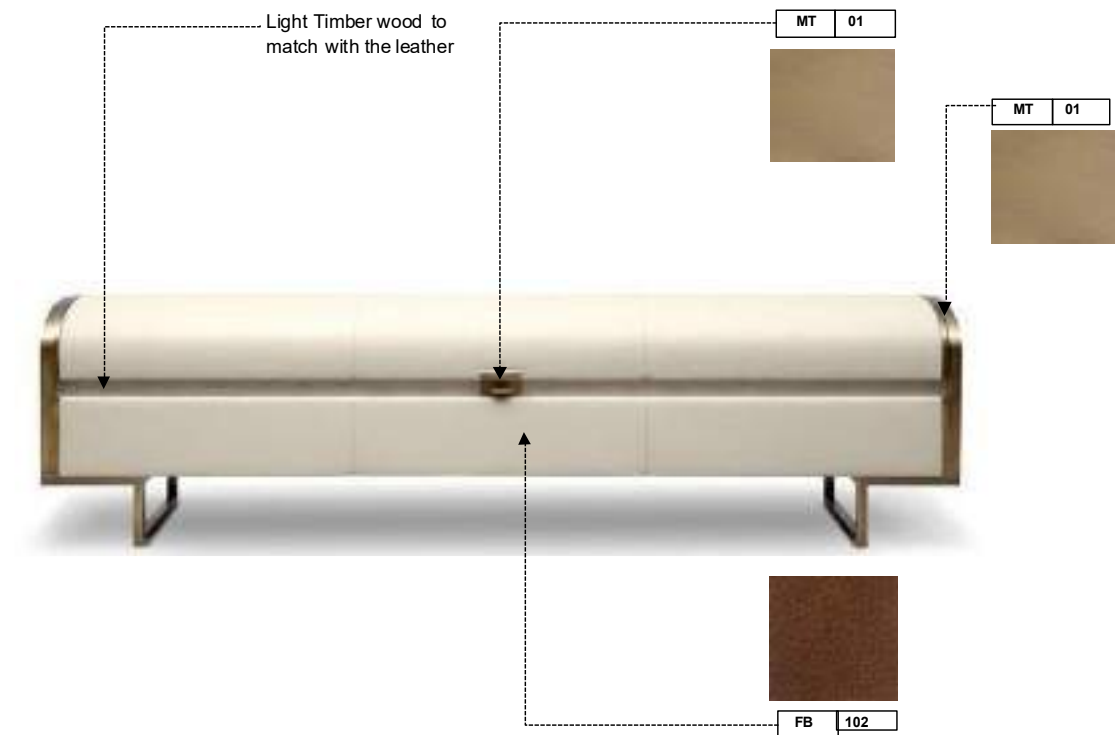




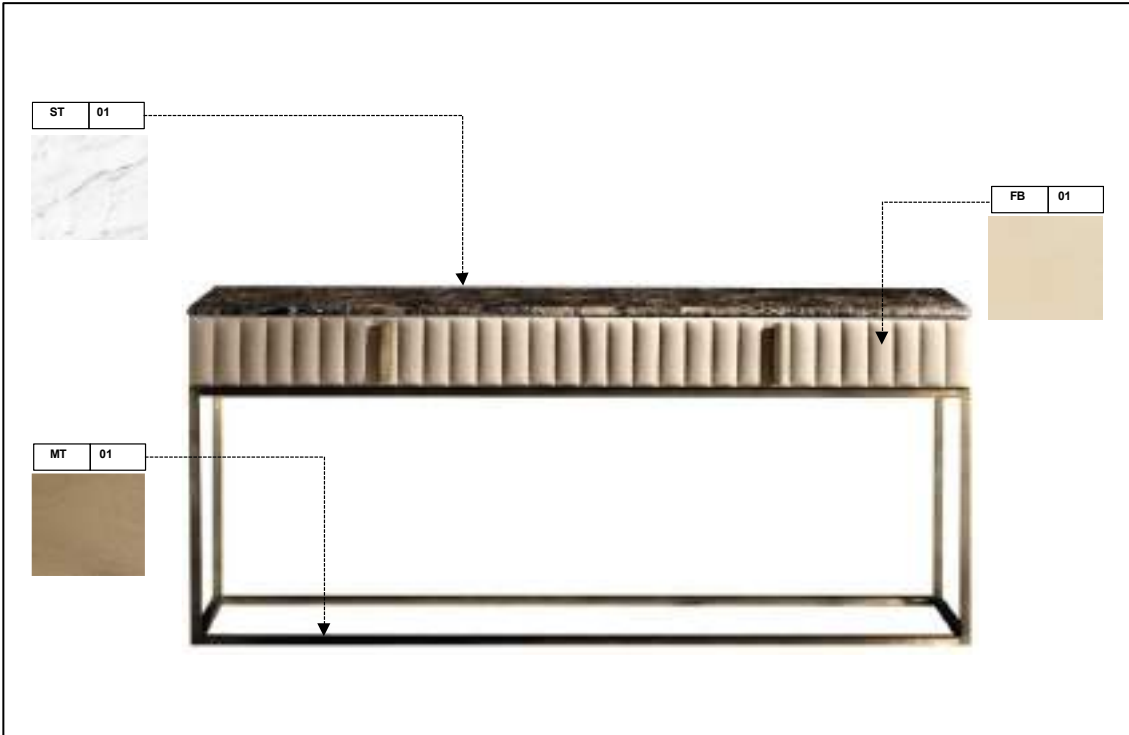


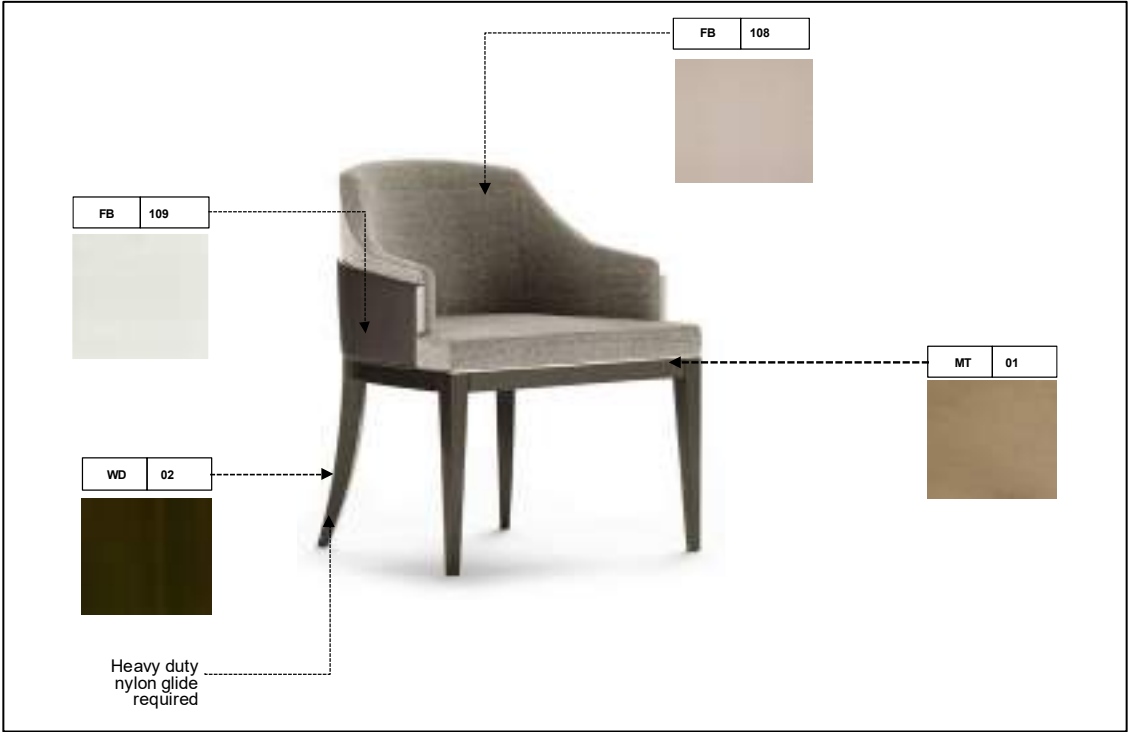
















# Ramada Encore Hotel



FF&E



Tanzania - Dar Es Salaam

# Ramada Encore Hotel Tanzania - Dar Es Salaam





# Ramada Encore Hotel Tanzania - Dar Es Salaam



**Ramada Encore Hotel  
Tanzania - Dar Es Salaam**



# Ramada Encore Hotel Tanzania - Dar Es Salaam





**Ramada Encore Hotel  
Tanzania - Dar Es Salaam**





# 4 Points <sup>by</sup> Sheraton



FF&E



Tanzania - Dar Es Salaam



## 4 Points by Sheraton Tanzania - Dar Es Salaam



## 4 Points by Sheraton Tanzania - Dar Es Salaam



# Sheraton Suites Tanzania - Dar Es Salaam





# Sheraton Suites Tanzania - Dar Es Salaam





# Radison Blu Hotel



FF&E



Nigeria - Lagos



# Radison Blu Hotel Nigeria - Lagos











# Protea Hotel



FF&E



Nigeria - Lagos









# City Plaza



FF&E



UAE - Sharjah



# Commercial



NNBP	Duha, Qatar	Furniture Supply & Apply
Staywell Offices	Dar Es Salaam - Tanzania	Full Design And Fit Out Work
The Eighth Gate –EMAAR	Damascus – Syria	Wood Works & Joinery
Mafrq Hospital	Amman – Jordan	Fire Rated Doors Supply & Apply
Ajloun Hospital	Amman – Jordan	Fire Rated Doors Supply & Apply
HUBZERO MALL By Meras Holding	Dubai - UAE	Doors And Vanity Works
Lego Land Dubai By Meras Holding	Dubai - UAE	Doors And Interior Works
Green Planet By Meras Holding	Dubai - UAE	Interior Works
Oniro Offices Headquarter	Lagos – Nigeria	Full Exterior And Interior Works
Green Life Pharmaceutical Headquarter	Lagos – Nigeria	Full Interior Solutions
Kiosks Doha City Center	Doha – Qatar	Full Design And Execution
Green Life Pharma	Lagos – Nigeria	Full Interior Design & Fit Out
Jubilee Insurance HQ	Dar Es Salaam - Tanzania	Full Interior Design & Fit Out
Police Stations – Nezwa	Oman	Furniture Supply & Apply
Police Stations – Salla	Oman	Furniture Supply & Apply
Police Stations - Liwa	Oman	Furniture Supply & Apply



# NEW NAVEL BASE PROJECT



+73 Buildings



Hotel, Offices, Barracks



+250 Product Types



+30K Products Quantity



+50K Packages Quantity



Qatar



# New Navel Base Project Qatar - Doha



# New Navel Base Project Qatar - Doha



# New Navel Base Project Qatar - Doha





# New Navel Base Project Qatar - Doha



**NEW  
NAVEL  
BASE  
PROJECT**





# New Navel Base Project Qatar - Doha



# New Navel Base Project Qatar - Doha



# New Navel Base Project Qatar - Doha



# New Navel Base Project Qatar - Doha





# New Navel Base Project Qatar - Doha





# NEW NAVEL BASE PROJECT





# roberto cavalli

a project by

***DAMAC***



8 Locations Design Development  
& Implementation



2 Countries (Spain & USA)



Millworks & General Contracting













































# Saudi Electricity Company

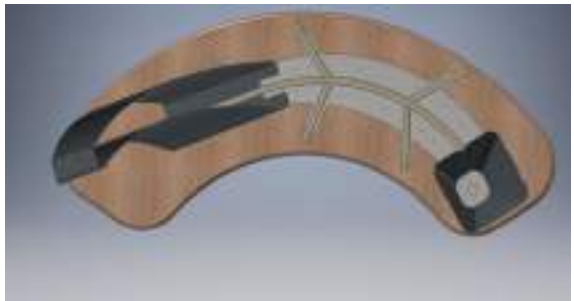
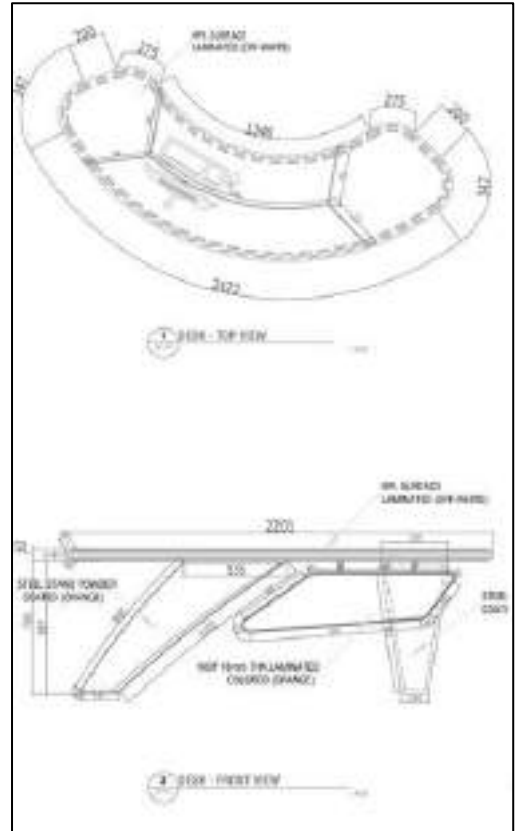


FF&E



KSA - Riyadh

**Saudi Electricity Company**  
**KSA - Riyadh**













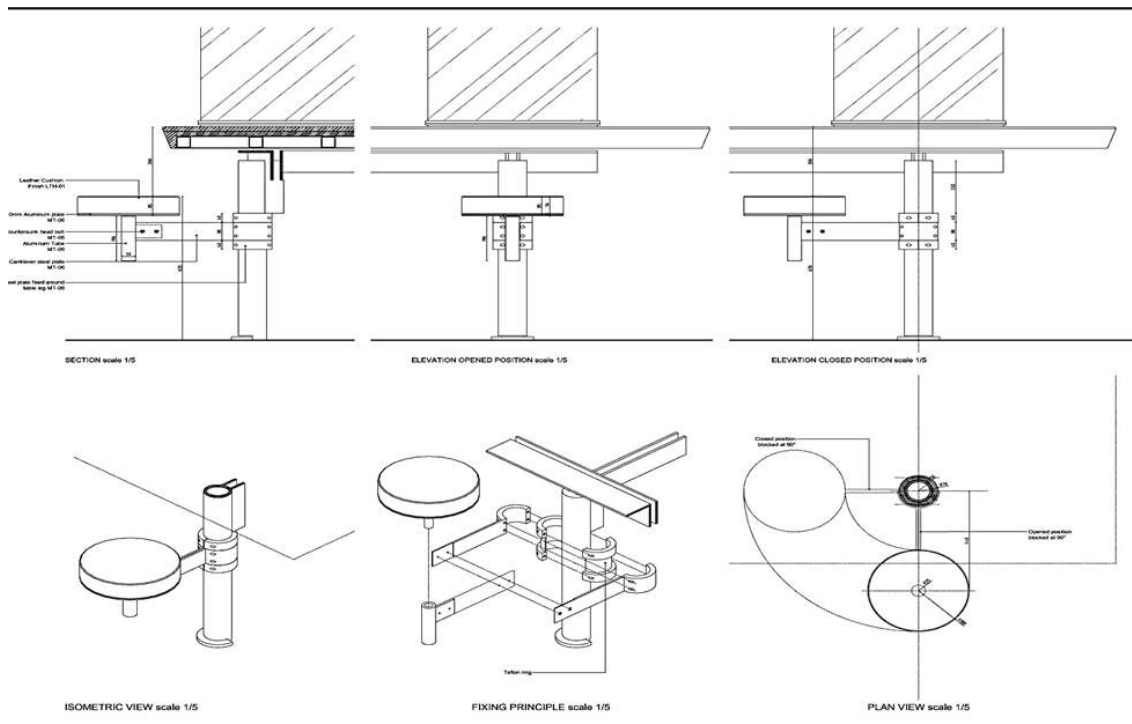
# The Museum of Islamic Art

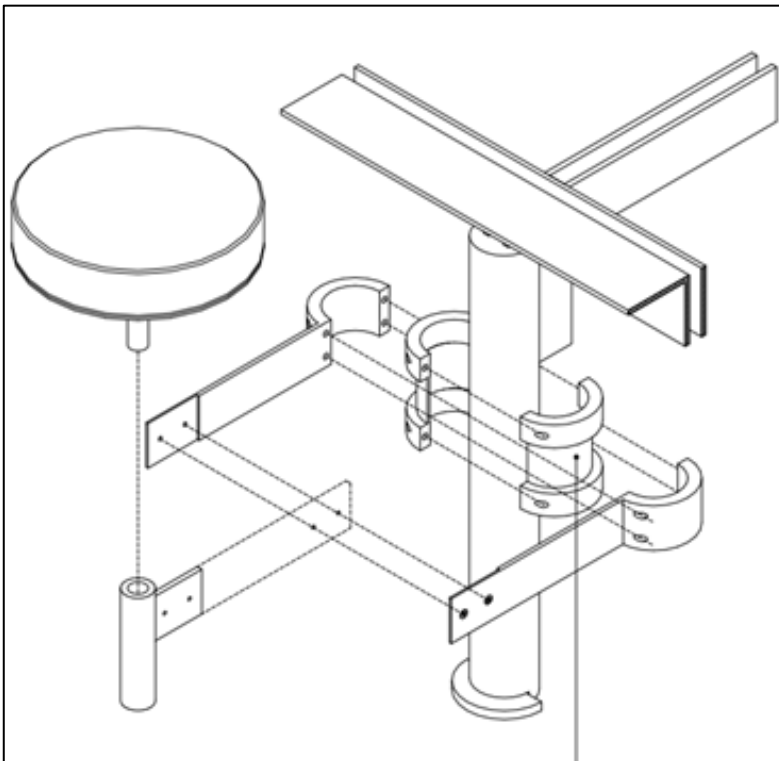
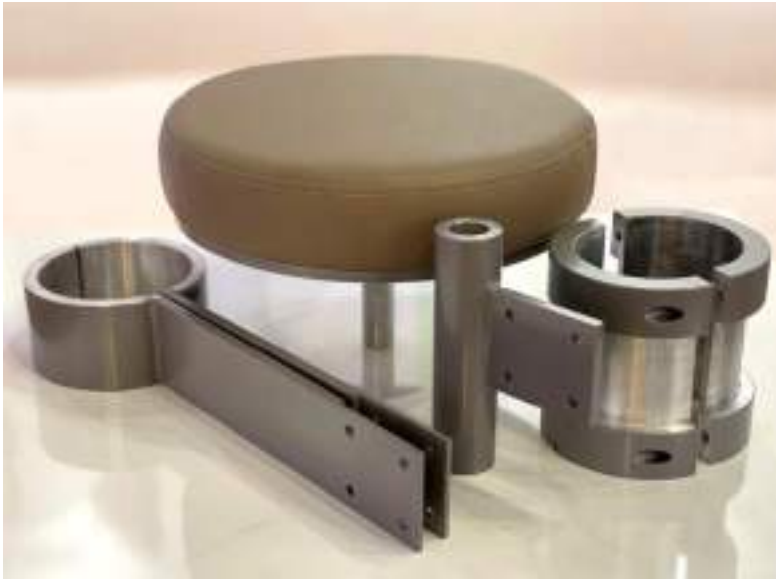


FF&E

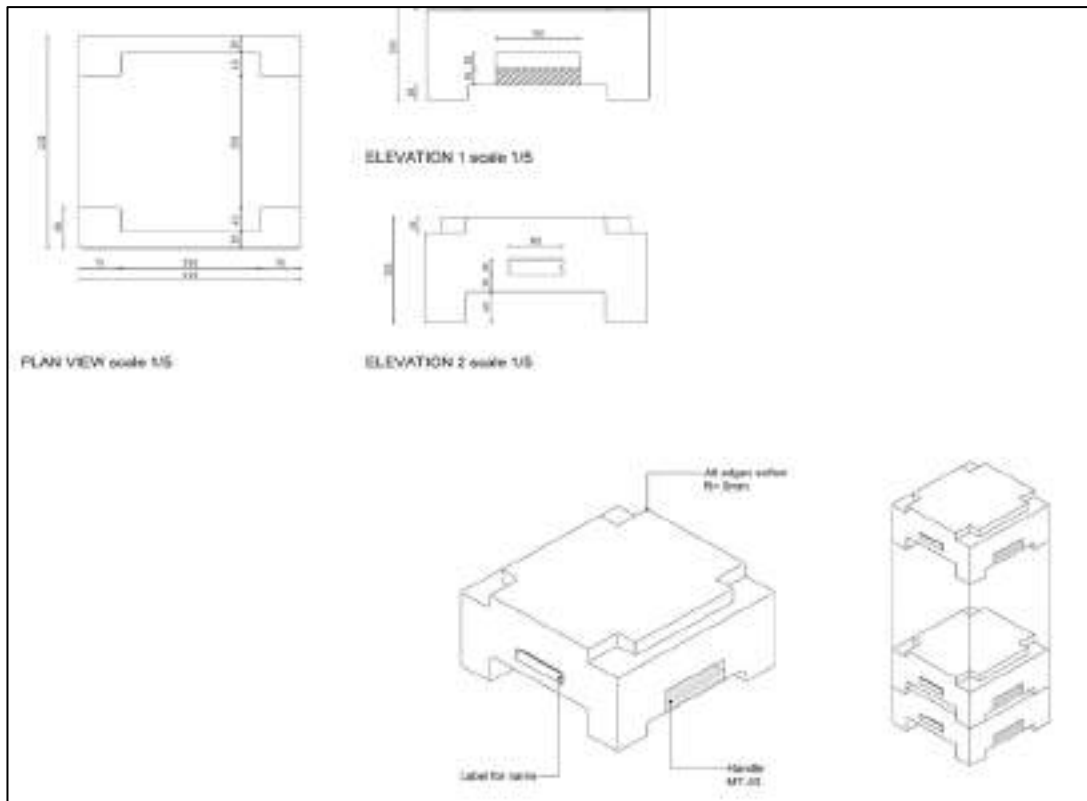


Qatar - Doha





## The Museum of Islamic Art Qatar – Doha









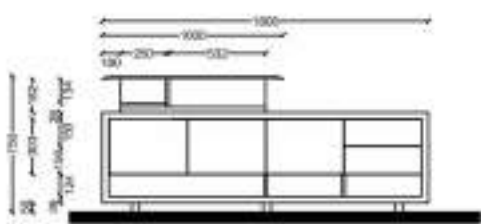
# Privet Company JetMAT Aviation



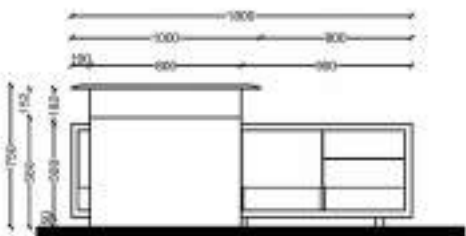
FF&E



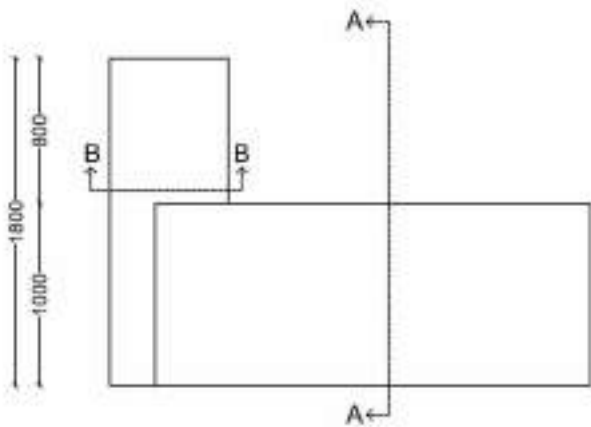
Turkey - Istanbul



Section A - A



Side Elevation

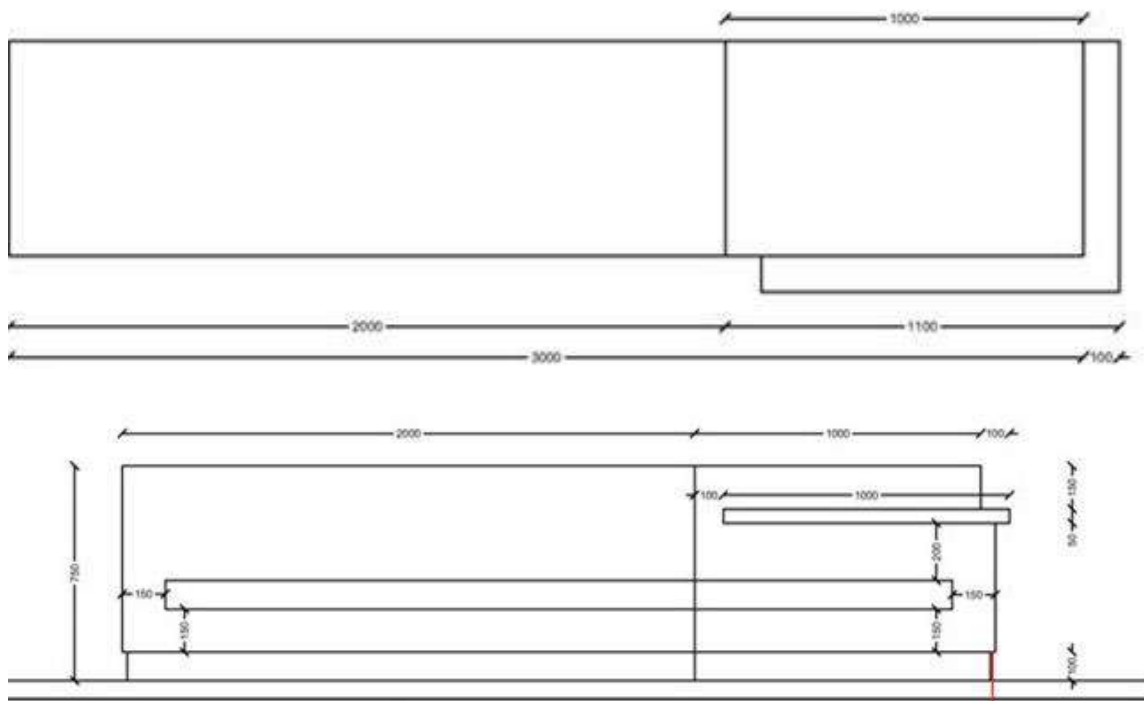


Front Elevation





**Privet Company JetMAT Aviation**  
**Turkey - Istanbul**





**Privet Company JetMAT Aviation  
Turkey - Istanbul**





# Al Saad Tower



FF&E



UAE - Dubai





# Emaar 8th Gate



FF&E



Syria - Damascus

**Emaar 8th Gate  
Syria - Damascus**



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**ORWOOD®**





# Residential



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Private Villa	Dar Es Salaam - Tanzania	Design & Full Interior Works
Clapton Estate Villas	Lagos – Nigeria	Full Interior Design And Works
Two Towers G+22	Dubai – UAE	Kitchens And Wardrobes
Wasl 140 Villas	Dubai – UAE	Kitchens
Mazaya 3 Towers	Dubai – UAE	Wooden Doors Works
Governer Lodge	Lagos – Nigeria	Interior Solution
Boudvaria 108 Residential Buildings	Jeddah – KSA	Supply & apply, (Doors, Vanities)
No.6 Residential Buildings G+5	Kuwait City – Kuwait	Full Fit Out & Wood Works & Joinery
Senior Staff Villas Furnishing No.22	Doha – Qatar	Full Furnishing Supply & Fix
Telal Al Grhoroob	Jeddah – KSA	Doors

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# Privat Villa



FF&E



USA - Miami















# Clapton Estate Privat Property



Joinery works

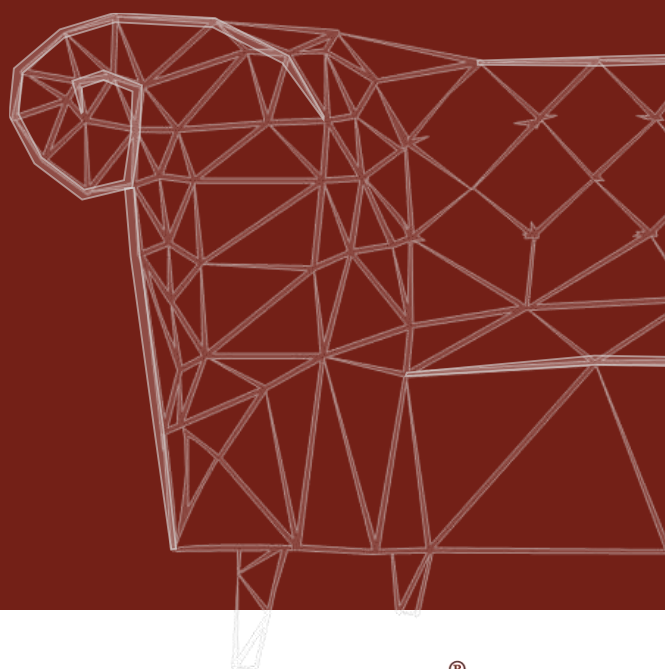


Nigeria - Lagos

**Clapton Estate Privat Property  
Nigeria - Lagos**



# TECHNICAL STUDIES

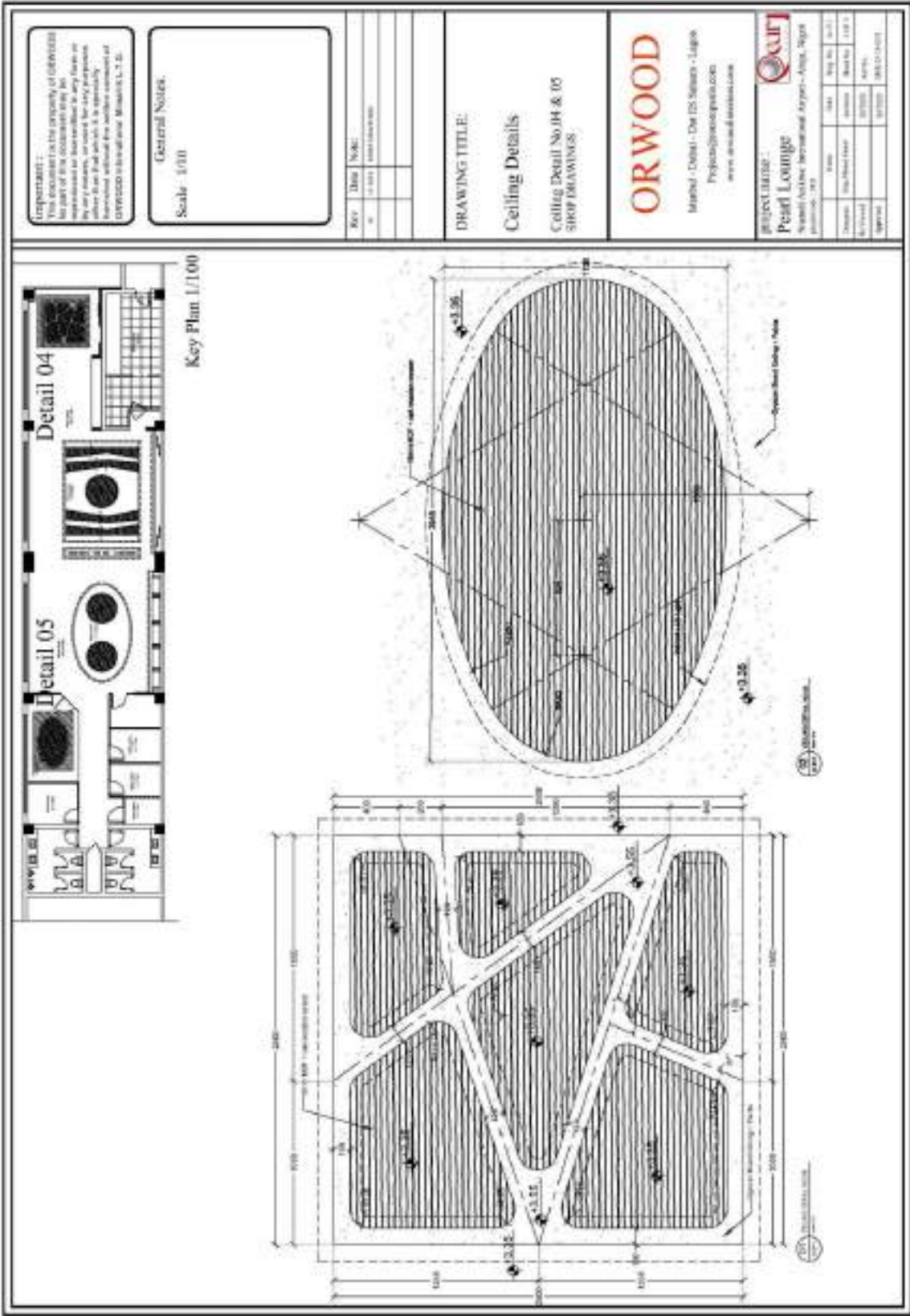


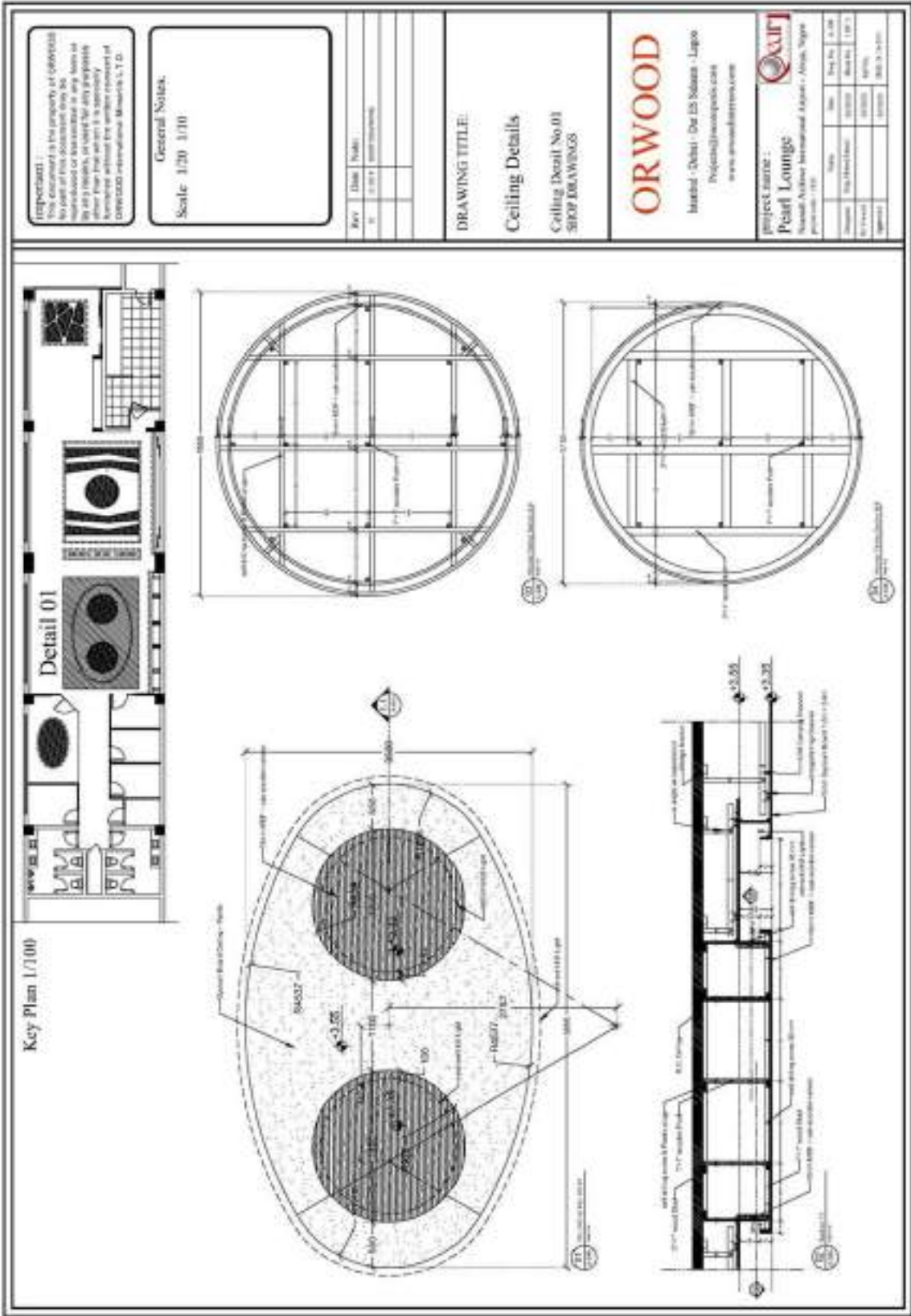
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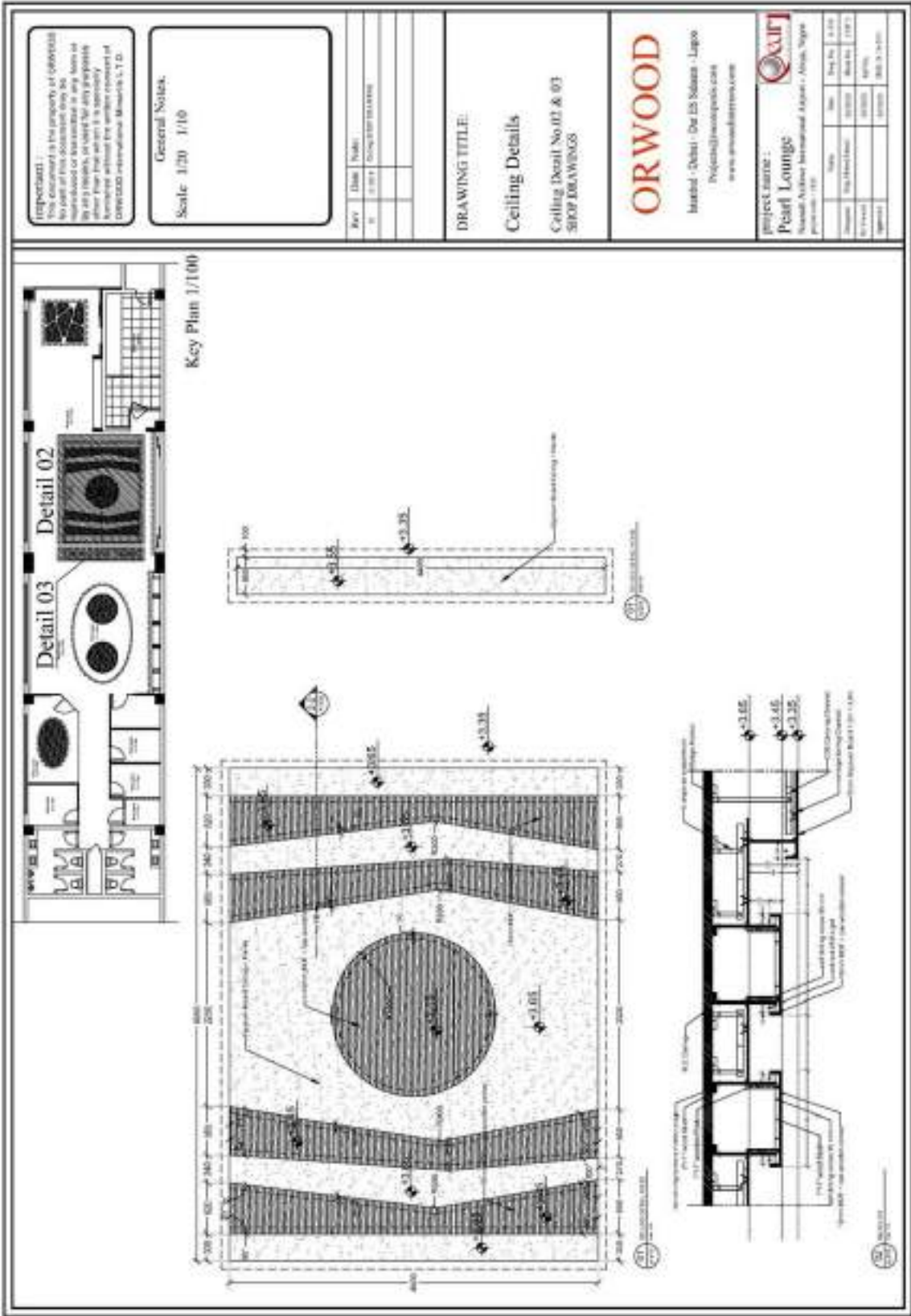
ORWOOD®



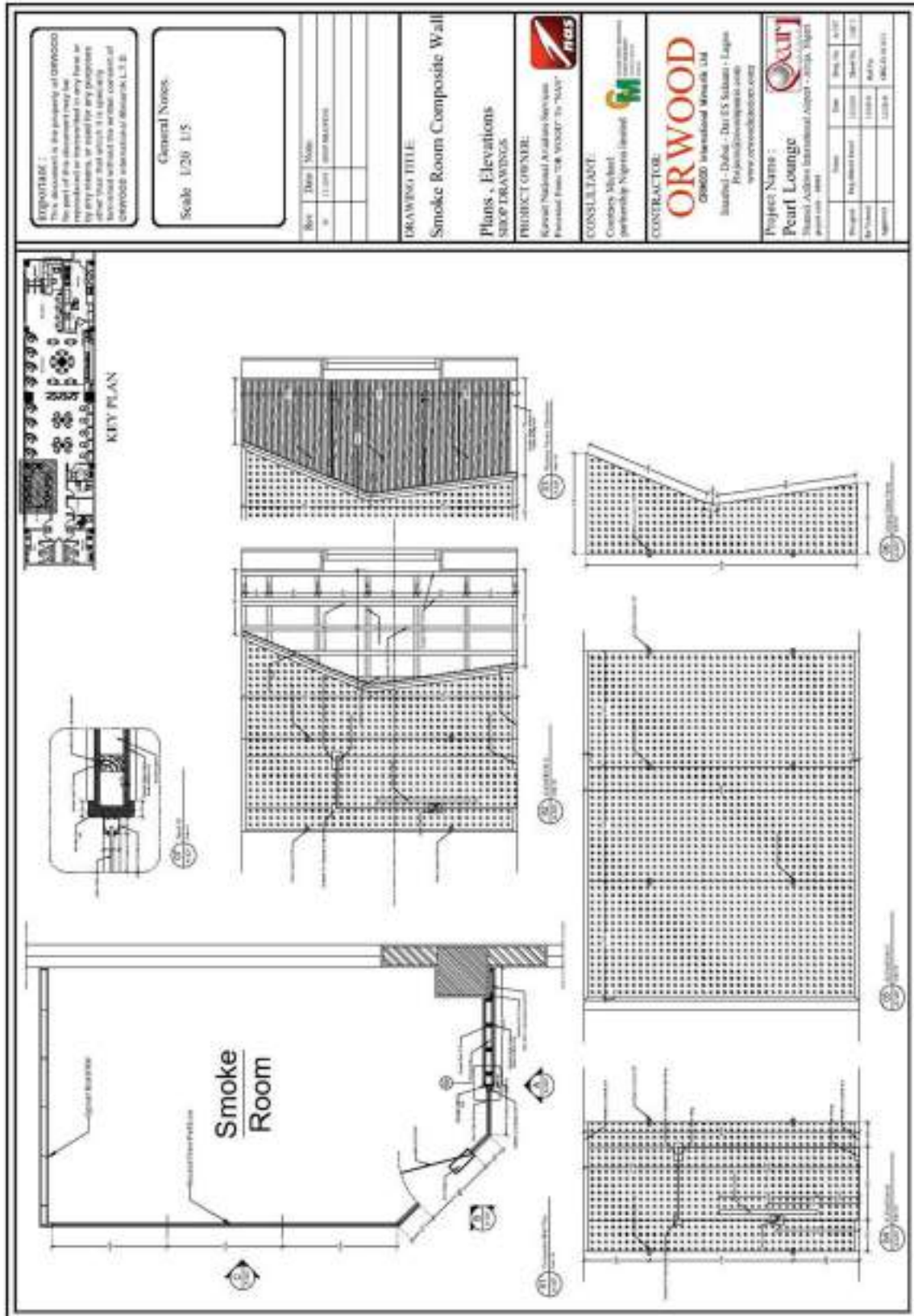






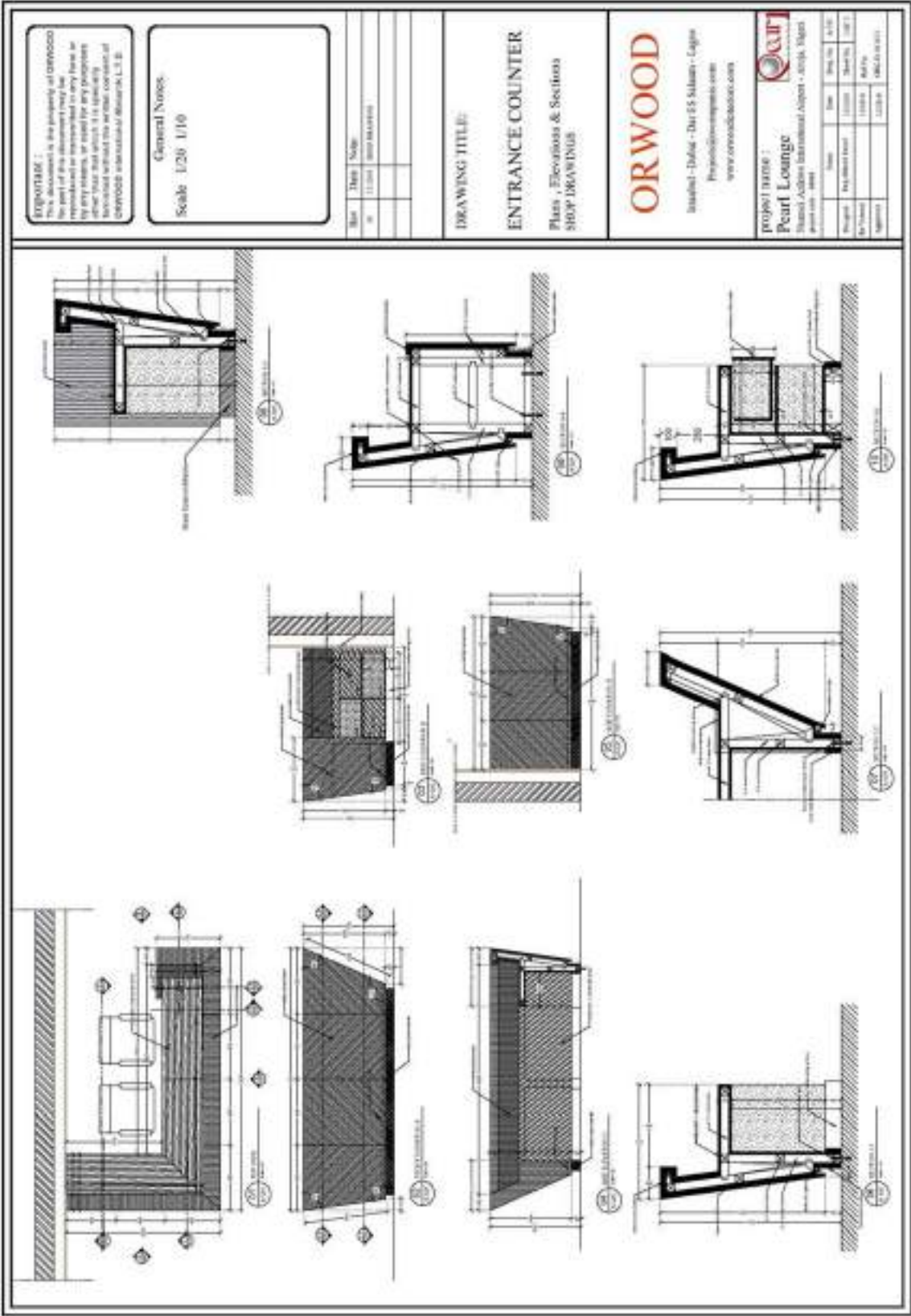


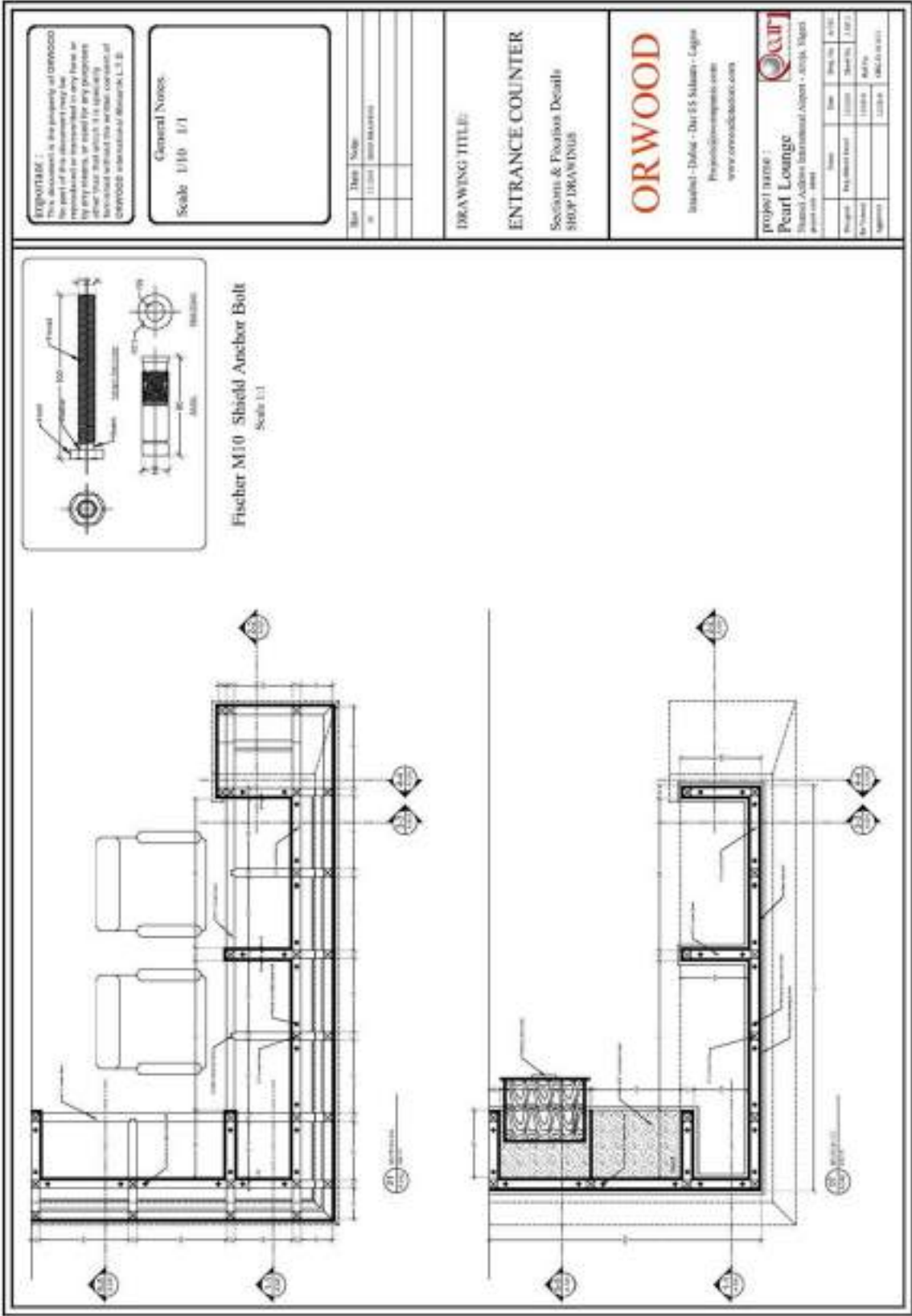


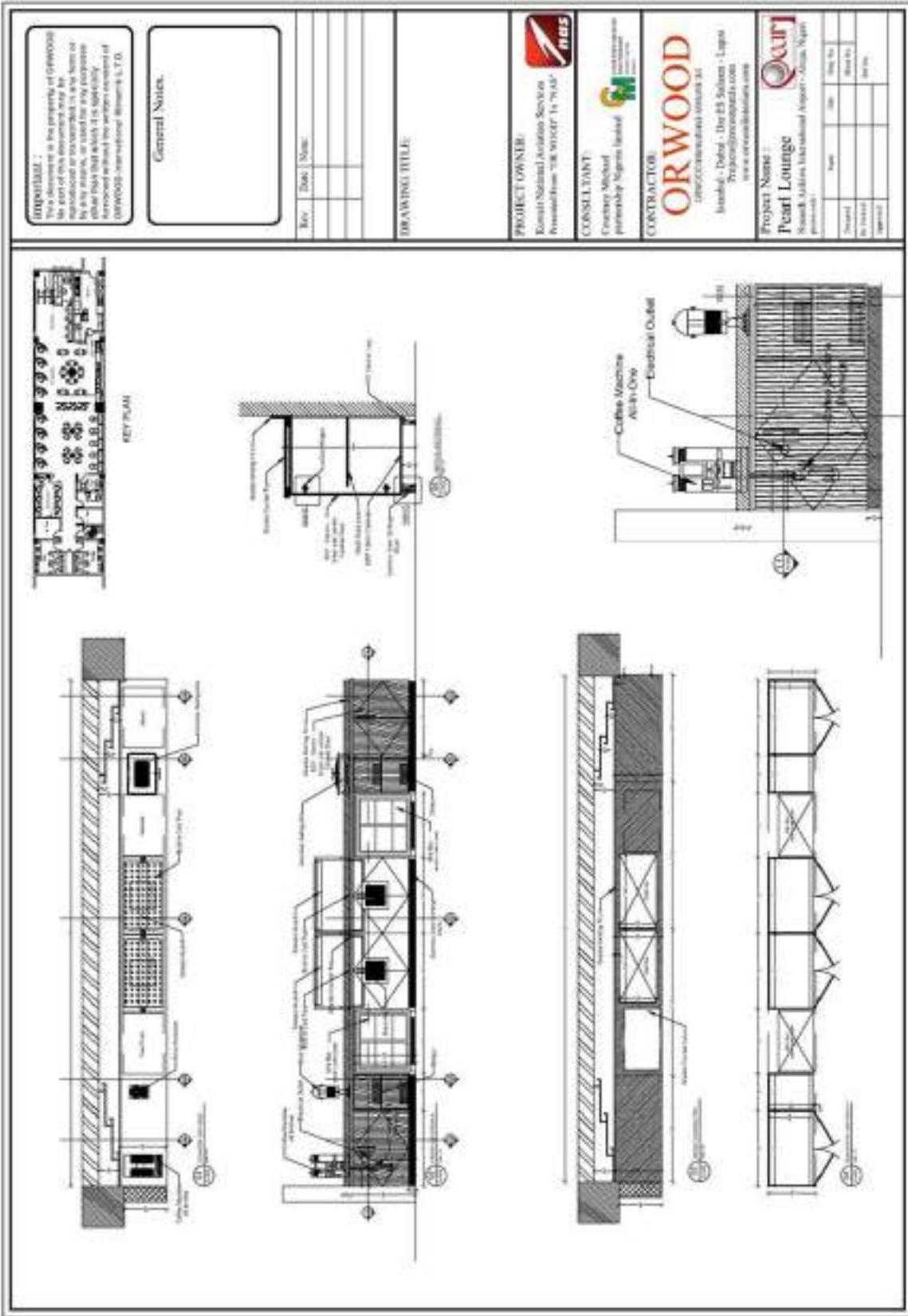








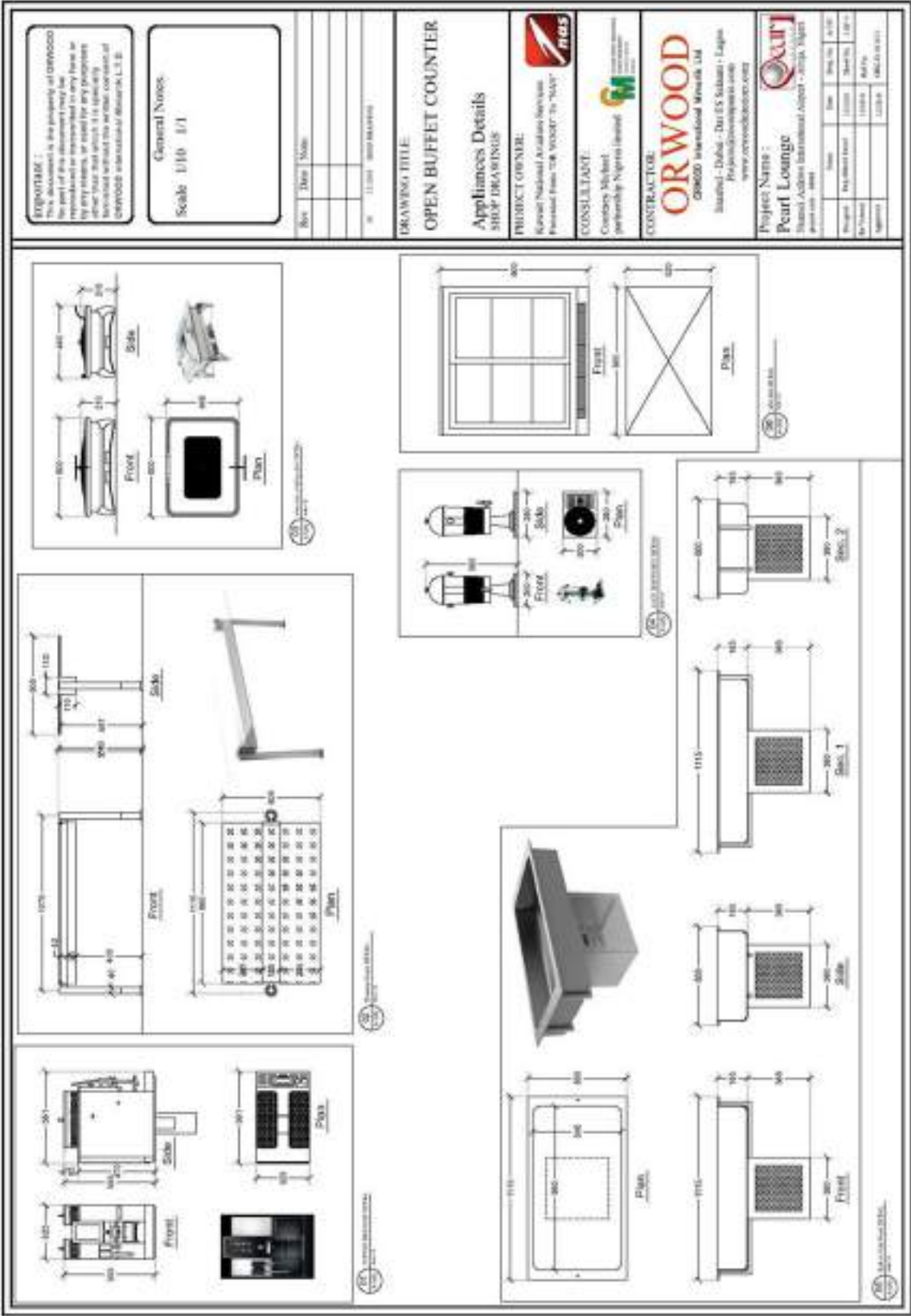






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scale 1/20

Outer Section

Project: Private villa - Kuwait  
Master Bedroom Window

Project code: 2046

Client: Private villa - Kuwait

Designer & Contractor:

**ORWOOD**  
International

Kuwait - Dubai - Doha - Dammam - Lagos  
E-Mail: info@orwoodinterior.com  
www.orwoodinterior.com

DWG title: WROM1 - A -  
Inner Section  
Outer Section

ORW/DWG/2046/WROM1/

Designated	Approved	Drawn	Check No.	Rev. No.

scale 1-50



Index	Date	No
-------	------	----

Project: Private Villa - Kynash  
Master Bedroom Window

Project code: 2046

Client: Private Office - Kansas

**Designer & Contractor:**

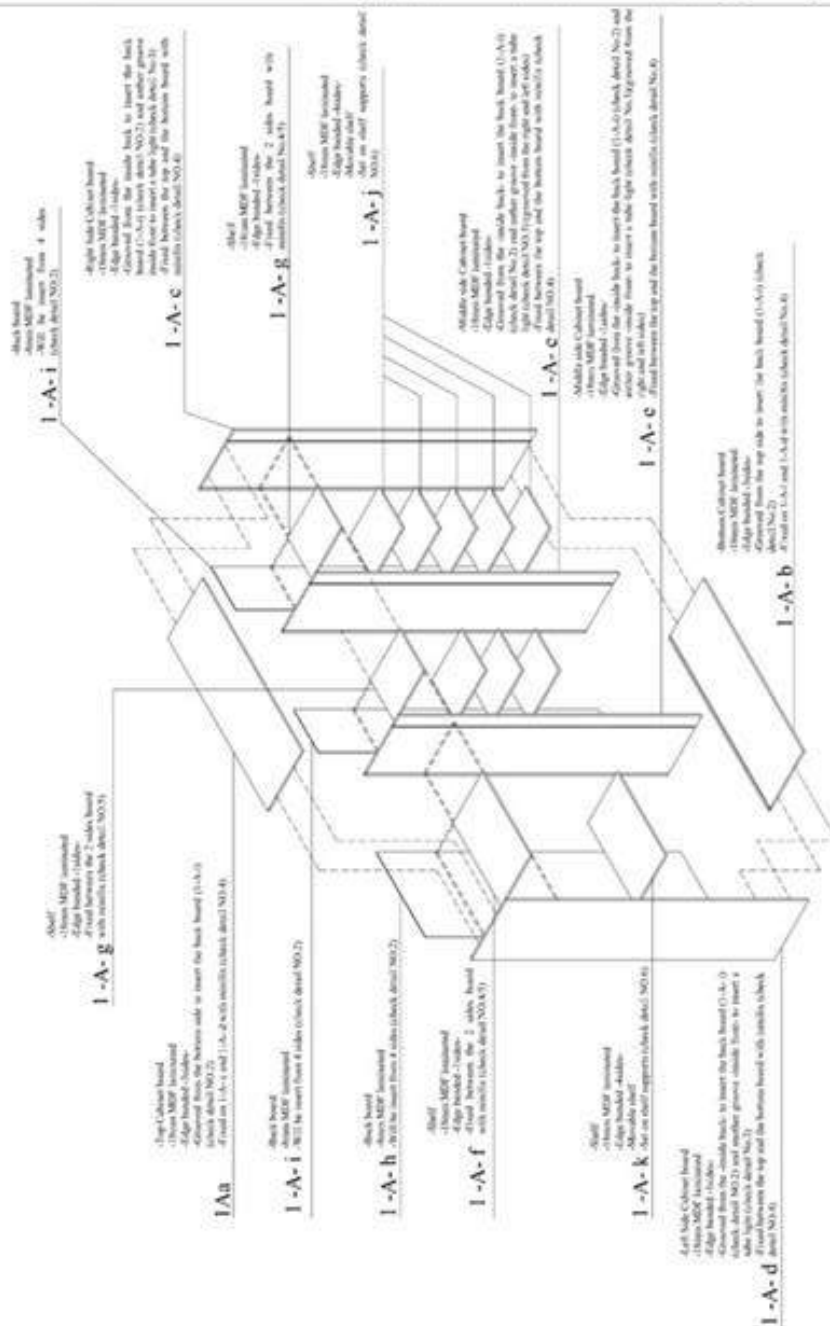
**ORWOOD**  
International

Istanbul - Dubai - Dae Salim - Damaskus - Lagos  
 E-Mail: [info@newoodinterior.com](mailto:info@newoodinterior.com)  
[www.newoodinterior.com](http://www.newoodinterior.com)

DWG title: WROM 1 .A-  
Technical drawing

ORW/DWG/2046.WROMI/

	Designed	Done	Deep No	a
Designed			Used No	
Approved			Ref No	
Unapproved				







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Index : Date : No :

Project: Private villa - Kuwait  
Master Bedroom Wardrobe

Project code: 2046

Client: Private villa - Kuwait

Designer & Contractor:

ORWOOD  
International

Rasheed - Dubai - Dar Salam - Damascus - Lagos  
E-Mail: info@orwoodinterior.com  
www.orwoodinterior.com

DWG title: WROM1-A-  
Cutting lists  
ACC. lists  
Fitting lists

ORW DWG/2046/WROM1/WROM1-A-

Designed	Drawn	Proj. No	
Approved		Sheet No.	
Issued		Rev. No.	

ACC. list						
#	Code	Item name	PHOTO	Notes	Unit	QTY
1	WROM-A-ph	Panel Hanger		600 mm	Pc	1
2	WROM-cul	Hanger		828 mm	Pc	2
3	WROM-wl	Light		2623 mm	Set	4
4	WROM-LL	Legs			Pc	12

Fitting list						
#	Code	Item name	PHOTO	Notes	Unit	QTY
1	WROM-MF	Manilla			Set	20
2	WROM-WD	Manilla double side			Set	4
3	WROM-WD	Wardrobe Dward		30mm	Pc	34
4	WROM-SCW	Screw		16X24 mm	Pc	120
5	WROM-HRS	Hanger rail supporter			Pc	4
6	WROM-SS	Shelf supporter			Pc	34
7	WROM-H-	Hinge			Pc	4
8	WROM-H-	Hinge			Pc	12


WOOD - Cutting list									
18mm MDF Board - D 106									
Part Code	QTY	L mm	W mm	Band L	Band L	Band W	Band W	Band QTY (m)	Note
WROM1-A-1	1	1730	600	/	/	/	/	2.930	
WROM1-A-2	1	1730	600	/	/	/	/	2.930	
WROM1-A-3	1	2623	600	/	/	/	/	2.623	
WROM1-A-4	1	2623	600	/	/	/	/	2.623	
WROM1-A-5	2	2623	600	/	/	/	/	5.246	
WROM1-A-7	1	832	510	/	/	/	/	0.832	
WROM1-A-8	2	413	510	/	/	/	/	0.826	
WROM1-A-9	8	413	510	/	/	/	/	14.768	
WROM1-A-10	1	832	510	/	/	/	/	2.684	
								35.462	

WOOD - Cutting list									
8mm MDF Board - D 140									
Part Code	QTY	L mm	W mm	Band L	Band L	Band W	Band W	Band QTY (m)	Note
WROM1-A-1	1	2639	848					0	
WROM1-A-2	2	2639	429					0	
								0	

Door Profile - Cutting list				
Part Code	QTY	L mm	W mm	Note
WROM1-GD1	4	2689	427	Grey (wood Glue 4mm)

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scale 1:25



Sheet No.	
Date	

**Project:** Private villa - Kuwait  
Master Bedroom Wardrobe

**Project code:** 2046

**Client:** Private villa - Kuwait

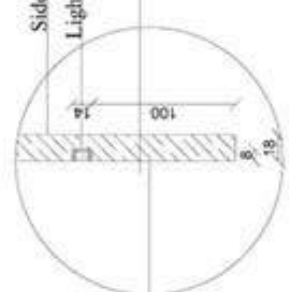
**Designer & Contractor:**  
**ORWOOD**  
International  
Rasheed - Dubai - Dar Salam - Damascus - Lagos  
E-Mail: info@orwoodint.com  
www.orwoodint.com

**DWG title:** WROM 1 - A-  
Details

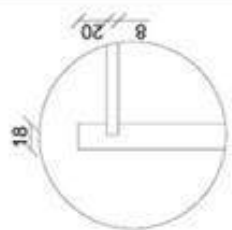
ORW DWG 2046 WROM1 WROM1-A-

Designed	Date	Drawn by	Rev No.
Approved			
Issued			




Side board  
Light profile  
Shelf



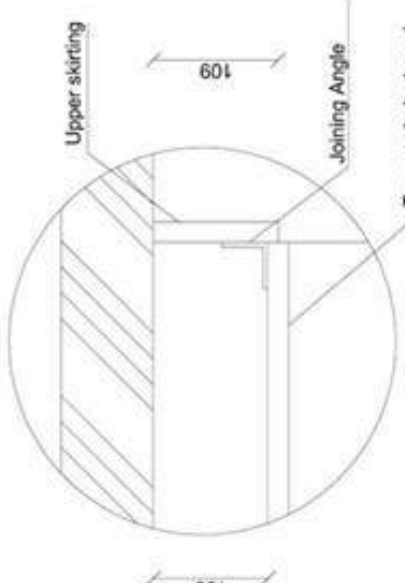
**Light profile detail**  
scale 1:4  
Detail 3



**Back Detail**  
scale 1:4  
Detail 2




**Shelf support**  
Detail 6




Upper skirting  
Joining Angle  
Top wardrobe board

**Upper Skirting Detail**  
scale 1:5  
Detail 1



**Minifix screw**  
Detail 4



**Minifix double screw**  
Detail 5

**BASU 80**  
**hi Bathroom**







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Notes: (mm) (in)

**DRAWING TITLE :**  
/ Bathroom drawings table

Code:

**hi Bathrooms**  
by **hi**  
www.hibathrooms.com  
info@hibathrooms.com

PROJECT: BASU 80

Project	Area	100 sq. m
Project	Area	100 sq. m
Project	Area	100 sq. m

Drawer Box - Cutting list									
12mm Laminated Board									
Part Code	QTY	L mm	W mm	Band L	Band W	Band L	Band W	Band QTY (m)	Note
8001	2	340	120	/	/	/	/	1.54	
8002	2	691	100	/	/	/	/	1.382	
								2.542	

Drawer Box - Cutting list									
12mm Laminated Board									
Part Code	QTY	L mm	W mm	Band L	Band W	Band L	Band W	Band QTY (m)	Note
8002	1	703	340					0	
								0	

Mirror - Cutting list				
Part Code	QTY	L mm	W mm	Note
8001	1	808	700	

Washbasin				
Part Code	QTY	L mm	W mm	Note
8001	1	808	453	

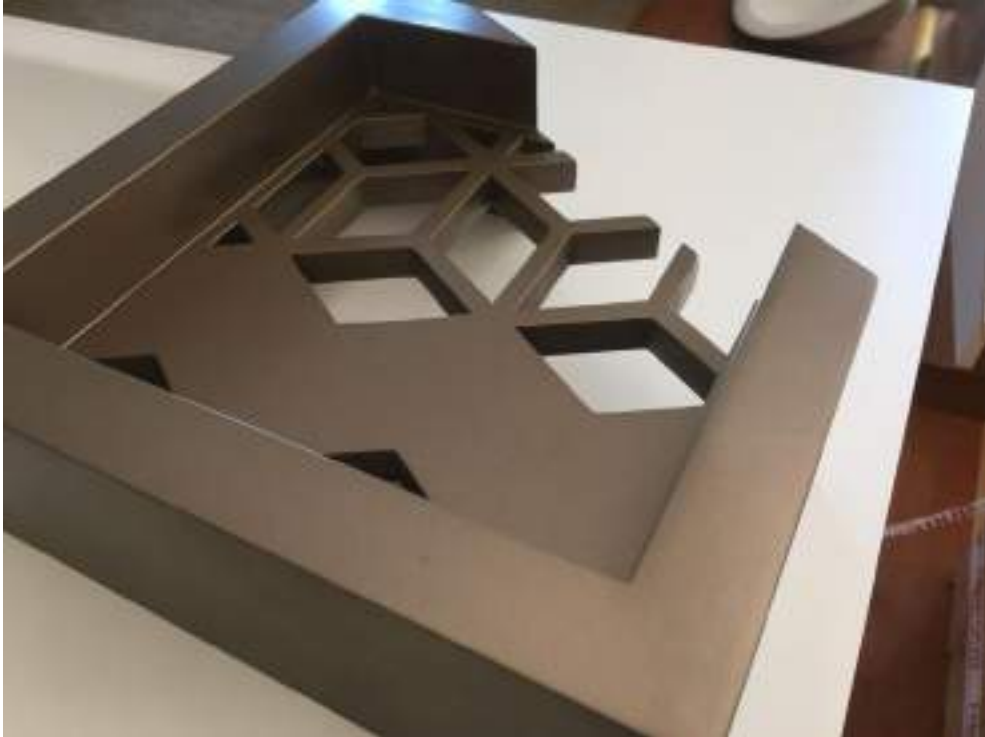
Cabinet - Cutting list									
18mm Laminated Board									
Part Code	QTY	L mm	W mm	Band L	Band W	Band L	Band W	Band QTY (m)	Note
801	1	724	402	/	/	/	/	1.112	
802	2	450	402	/	/	/	/	3.448	
803	1	724	40	/	/	/	/	0.184	
								5.344	

Front Drawer - Cutting list									
18mm Laminated Board									
Part Code	QTY	L mm	W mm	Band L	Band W	Band L	Band W	Band QTY (m)	Note
801	1	748	318	/	/	/	/	2.16	
								2.16	

Fixed Part - Cutting list									
18mm Laminated Board									
Part Code	QTY	L mm	W mm	Band L	Band W	Band L	Band W	Band QTY (m)	Note
801	1	760	120	/	/	/	/	1.72	
								1.72	

Mirror Frame - Cutting list									
18mm Laminated Board									
Part Code	QTY	L mm	W mm	Band L	Band W	Band L	Band W	Band QTY (m)	Note
801	2	748	35	/	/	/	/	1.44	
802	1	810	70	/	/	/	/	0.59	
803	1	510	35	/	/	/	/	0.59	
804	1	380	70					2.84	

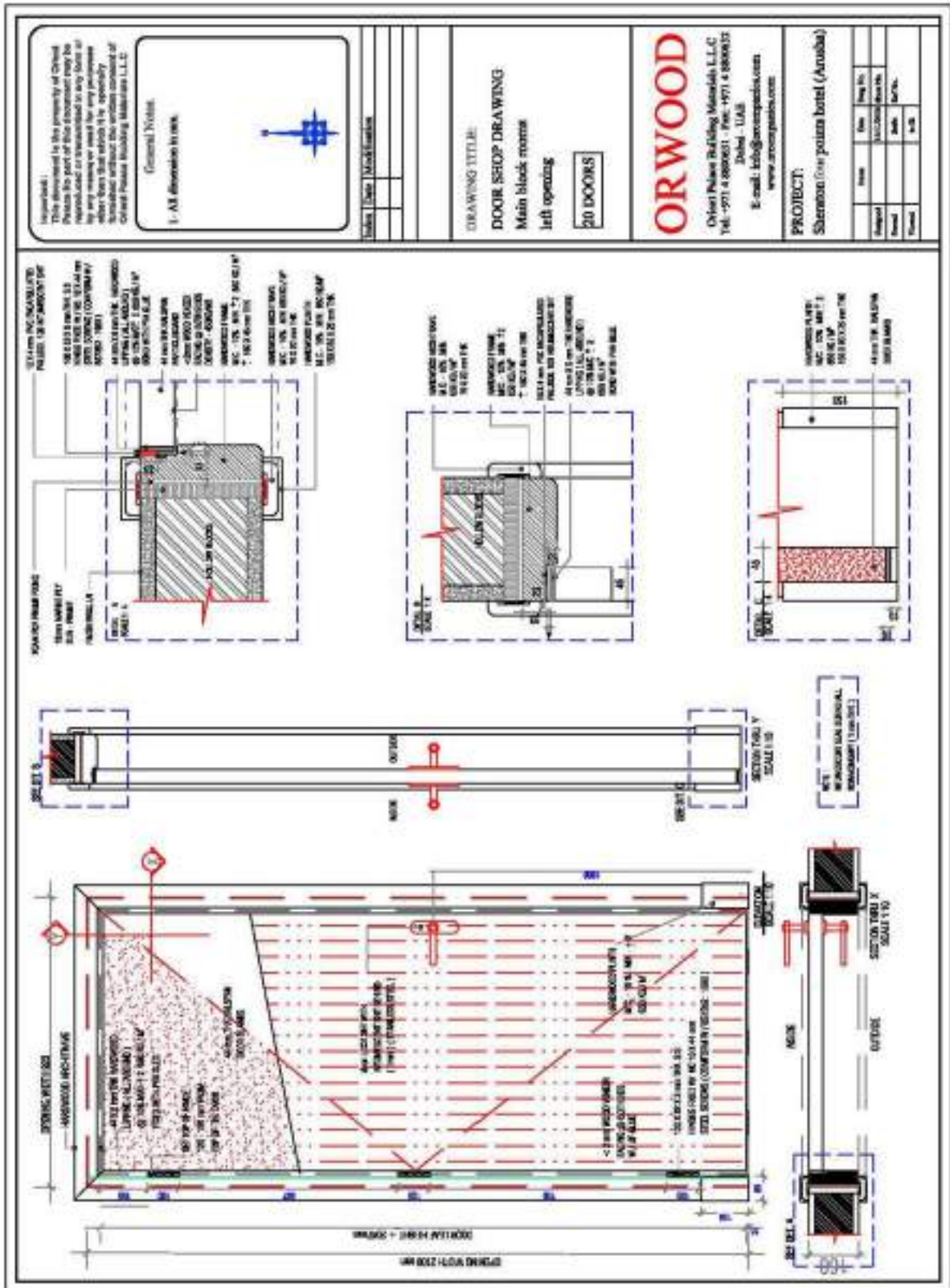


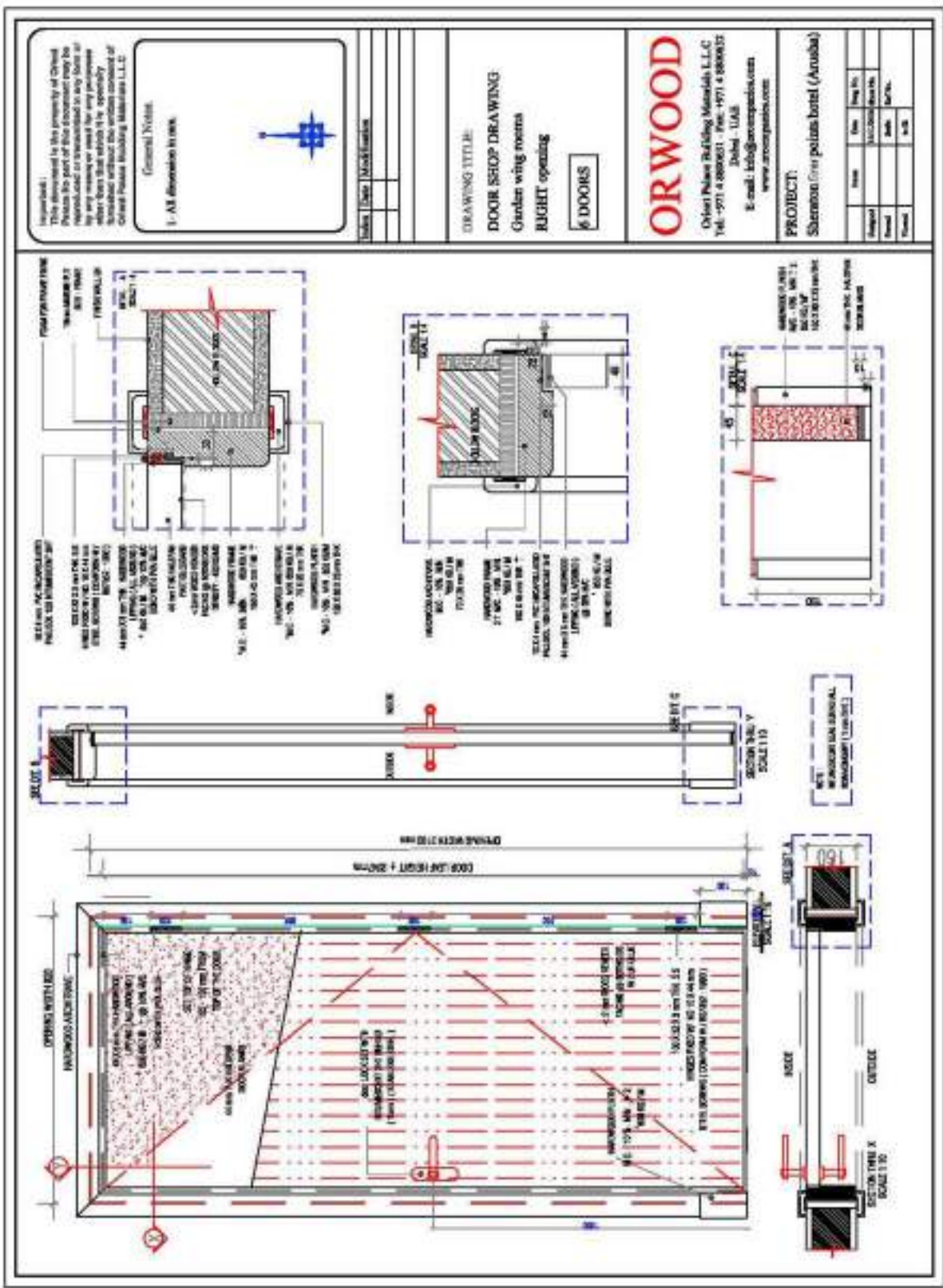






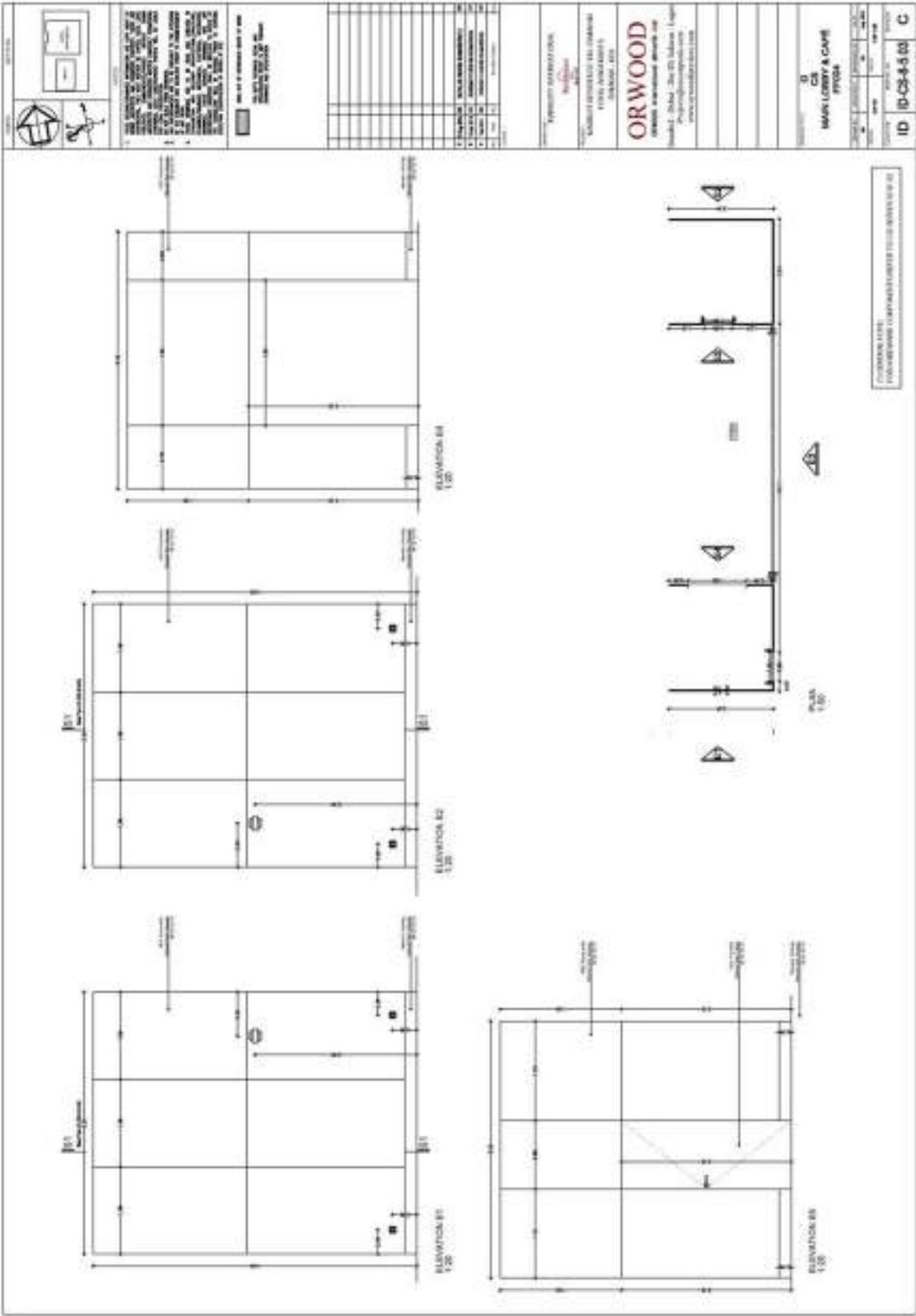


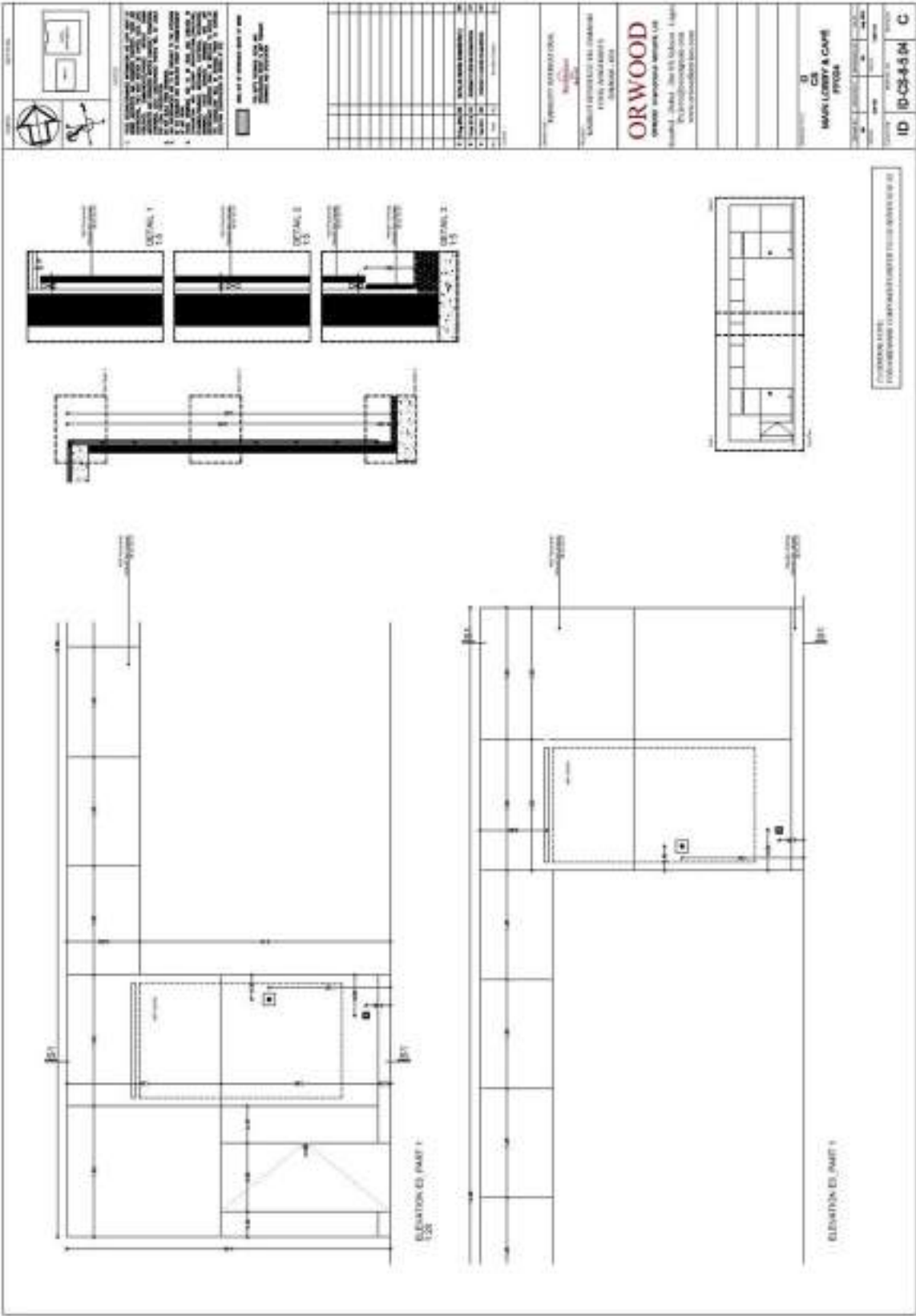




# Residence Inn By Marriott

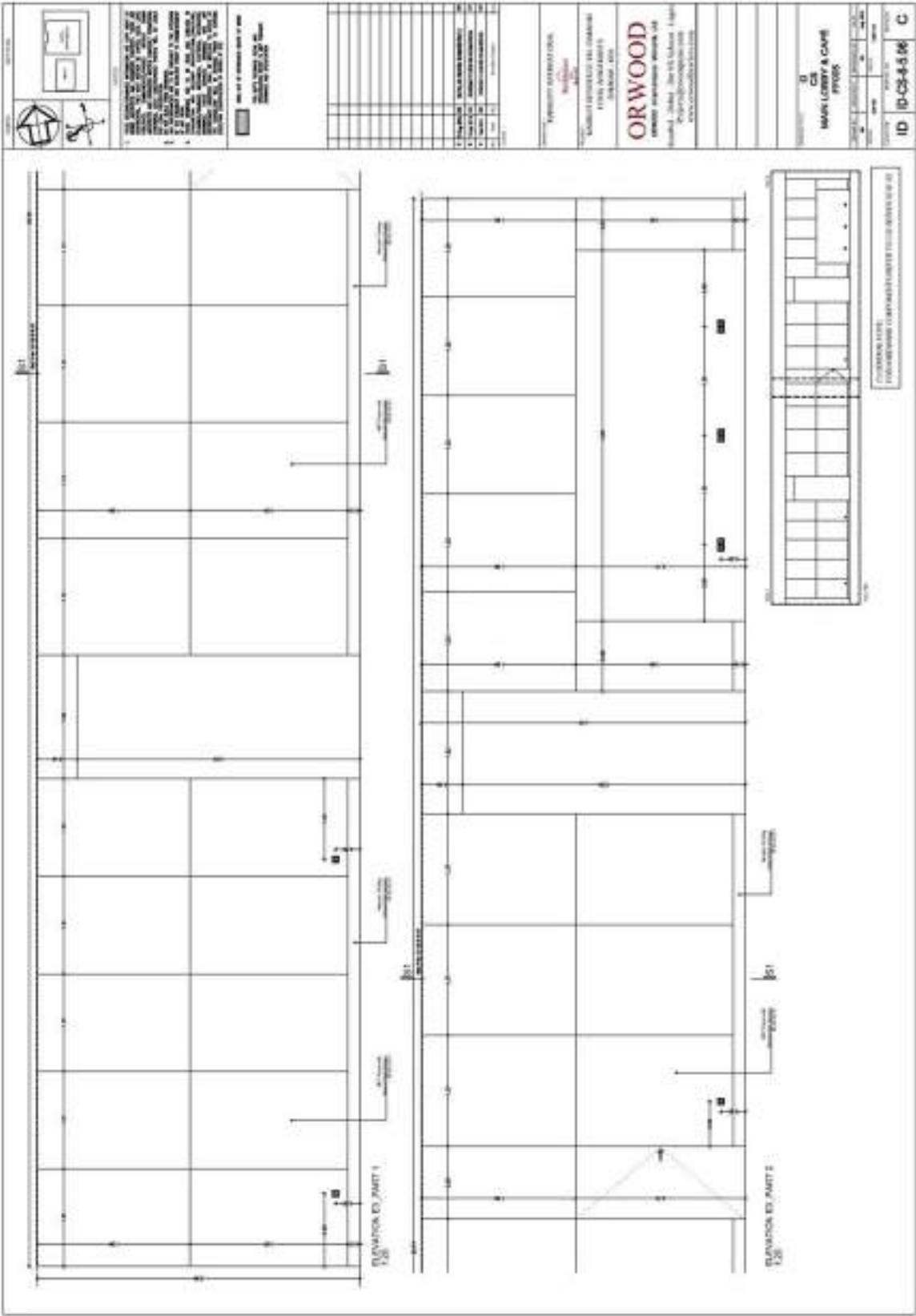








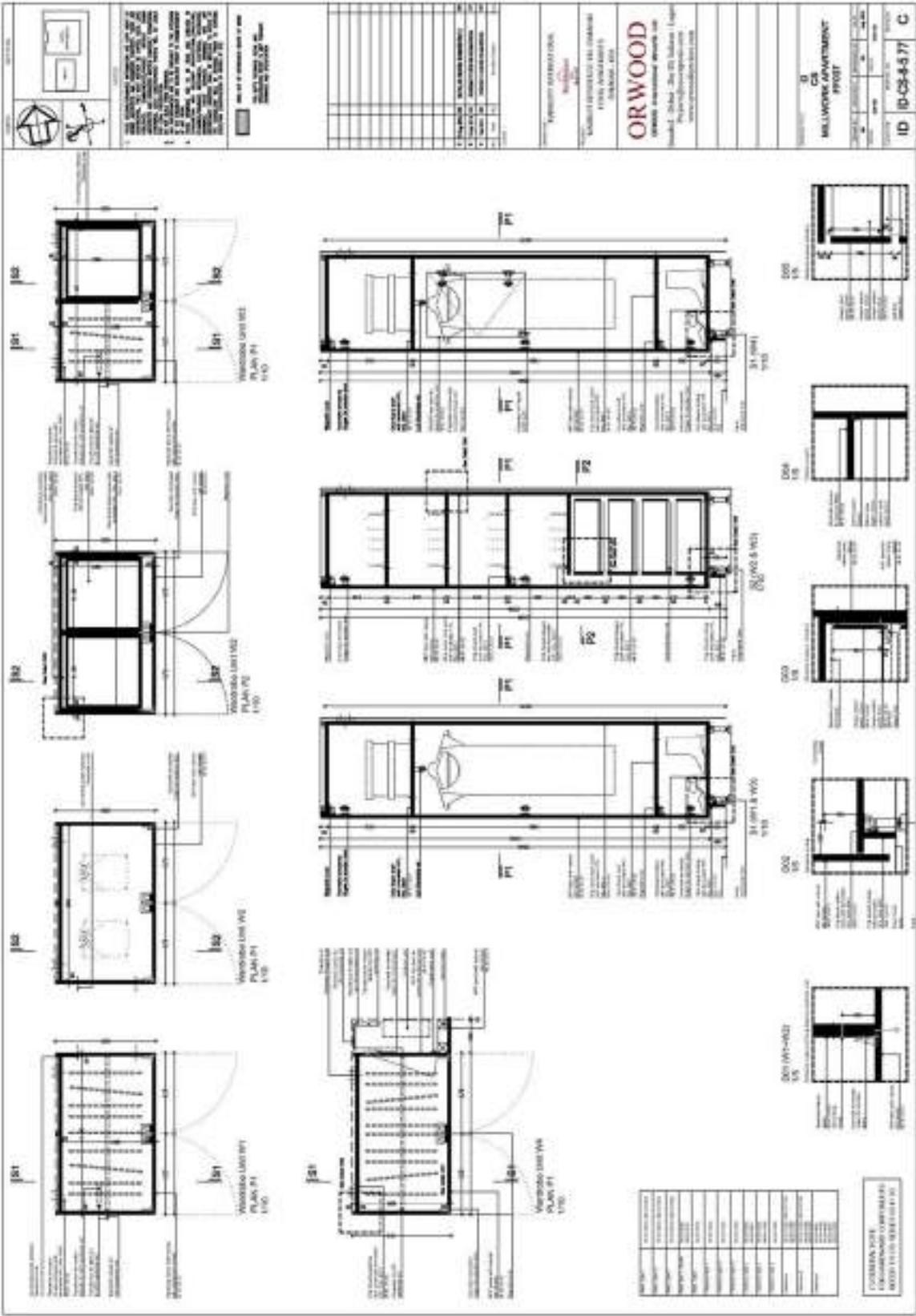




## Four Points By Sheraton

[illegible]

[illegible]






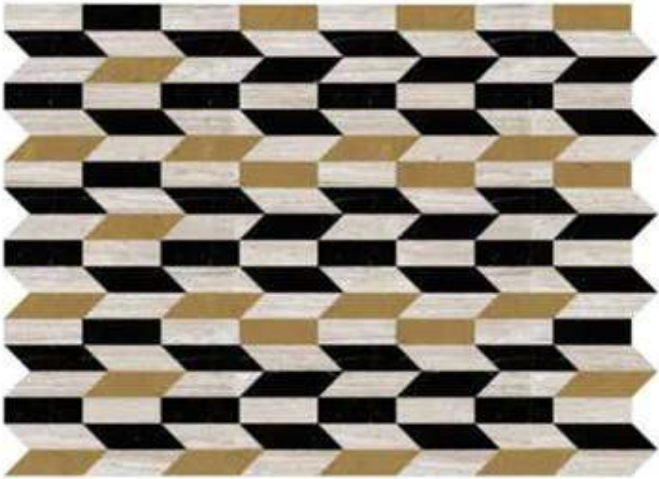


## Materials Approvals Examples



# Materials Approvals Examples

<b>Client:</b>  National Aviation Services		<b>Consultant:</b>  COURTNEY MICHAEL PARTNERSHIP REGISTERED LIMITED ACCOUNTS		<b>Contractor:</b>  ORWOOD International Mimarlık Ltd	
Project Title: <input checked="" type="checkbox"/> Abuja Lounge		<input checked="" type="checkbox"/> Port Harcourt Lounge			
<b>Material Approval Request</b>		MAR. No. / RV	2	5	2
			4	0	5
			/		<input checked="" type="checkbox"/> New Submittal
<b>Material Ref.:</b>	As project description	Date:	1	2	1
			2	2	<input type="checkbox"/> Resubmittal
<b>Project Ref.</b>	<b>Description</b>	<b>Manf./Supplier</b>	<b>Item Ref.</b>		
Abuja Lounge Finishing / 2- Floors & Skirts 2-3	Per meter square-Supply & install Pattern Tiles Black, beige and brown Marble or similar effect for dining area and Waiting area according to specs, standards and drawings.		ST-03		
Port Harcourt Lounge Finishing / 2- Floors & Skirts 2-2	Per meter square supply & install Beige, Brown & Black Pattern Tiles, all with approved samples by consultant & according to spec, standards & drawings.				
<input type="checkbox"/> Document <input type="checkbox"/> Soft Copy <input type="checkbox"/> Sample <input type="checkbox"/> Certificate <input checked="" type="checkbox"/> Drawings <input type="checkbox"/> Data Sheet					
Having checked this submittal, we certify that it confirms/comply to the requirement of the Contract Documents in all respects, except as otherwise indicated herein:					
Delivered by: Feriuz Halipoglu Date: 12/12/2019 Contractor Project Manager/Name & Signature: _____ Sent by email					

Material Approval Form			
Date: 12/12/2019	Material Ref.:	As project description	
Manufacturer:	-	Country of Origin:	-
Specification Reference:	As project description		
Material Description:			
This is only for Marble Pattern Tiles drawing submittal.			
White: White Wooden			
Beige: Golden Century			
Black: Black Marqunie			
A marble floor pattern drawing using 3 colours of marbles coming in tiles 60 x 60 cm.			
Material Sample:			
			
Code:	<input type="checkbox"/> A – Approved <input type="checkbox"/> B – Approved with notes	<input type="checkbox"/> C – Revise & resubmit <input type="checkbox"/> D – Rejected, Resubmit	<input type="checkbox"/> N – No Actions
Project Manager/Name & Signature:		Consultant /Name & Signature:	
Date: ____/____/ 20__		Date: ____/____/ 20__	

# Materials Approvals Examples

Client:  National Aviation Services		Consultant:  COURTNEY MICHAEL PARTNERSHIP NIGERIA LIMITED RC0801212		Contractor:  ORWOOD International Mimarlık Ltd						
Project Title: <input checked="" type="checkbox"/> Abuja Lounge		Port Harcourt Lounge								
<b>Material Approval Request</b>		MAR. No. / RV	2	5	2	6	1	2	/	<input checked="" type="checkbox"/> New Submittal
<b>Material Ref.:</b>	As project description	Date:	3	0	1	2	2	0	1	<input type="checkbox"/> Resubmittal

Project Ref.	Description	Supplier	Item Ref.
Finishing / Floors & Skirts 2-1 (for both)	Per meter square supply & install Wooden Beige Honed Marble Tiles, all with approved samples by consultant & according to spec. standards & drawings.	ANTONG SUPPLY CHAIN (HK) CO., LIMITED	
Finishing / Floors & Skirts 2-2 (for AL)	per meter length -Supply and install Wooden Beige Honed Marble Tile for skirts 10 cm height, for all lounge according to specs, drawings.		
Finishing / Floors & Skirts 2-10 (for PHL)	Per meter Length-Supply & install Wooden Beige Marble 2cm Thickness for Skirts 10 cm height, chamfered on 45 degree according to specs, standards and drawings.		

☐ Document  
 ☐ Soft Copy  
 ☒ Sample  
 ☐ Certificate  
 ☐ Calculation  
 ☒ Data Sheet

Having checked this submittal, we certify that it confirms/comply to the requirement of the Contract Documents in all respects, except as otherwise indicated herein:

Delivered by: Fevvez Hatipoglu  
 Date: 30/12/2019  
 Contractor Project Manager/Name & Signature: \_\_\_\_\_ sent by email \_\_\_\_\_

# Materials Approvals Examples

Material Approval Form			
Date: 30/12/2019	Material Ref.:	As project description	
Supplier:	ANTONG SUPPLY CHAIN (HK) CO., LIMITED	Country of Origin:	China
Specification Reference:	Wooden White Honed Marble		
Material Description:			
Wooden White Grey Honed Marble			
Natural Marble			
More is Calcium Carbonate			
Polished Photometry: Above 85 degree			
more details in the attached marble inspect report			
Physical sample will be submitted			
Supplier:			
ANTONG SUPPLY CHAIN (HK) CO., LIMITED			
Rm 24B, South Tower, Junhui building, Tiexi Road, Tianhe District, Guangzhou, China			
Material Sample:			
			
Code:	<input type="checkbox"/> A – Approved <input type="checkbox"/> B – Approved with notes	<input type="checkbox"/> C – Revise & resubmit <input type="checkbox"/> D – Rejected, Resubmit	<input type="checkbox"/> N – No Actions
Project Manager/Name & Signature:		Consultant /Name & Signature:	
Date: ____/____/ 20__		Date: ____/____/ 20__	



Materials Approvals  
Examples

Client:  National Aviation Services		Consultant:  COURTNEY MICHAEL PARTNERSHIP NIGERIA LIMITED RC0801212		Contractor:  ORWOOD International Mimarlık Ltd	
Project Title: <input checked="" type="checkbox"/> Abuja Lounge		<input checked="" type="checkbox"/> Port Harcourt Lounge			
<b>Material Approval Request</b>		MAR. No. / RV 2 5 2 6 3 3 / <input checked="" type="checkbox"/> New Submittal			
Material Ref.: As project description		Date: 1 3 0 1 2 0 2 0 <input type="checkbox"/> Resubmittal			
Project Ref.	Description	Manf./Supplier	Item Ref.		
Custom Made / Counter FUR - 01 PHL	"Spanish marble + MDF 16mm + oak wooden veneer stainless steel skirting + Warm LED indirect light."	Turkey local supplier	3002526		
Custom Made / Buffet 01 FUR - 03 AL / PHL	MDF 16mm with linear Oak wood veneer + Black Spanish marble on 16 mm ply wood + Stainless Steel skirting	Turkey local supplier			
<input type="checkbox"/> Document <input type="checkbox"/> Soft Copy <input type="checkbox"/> Sample <input type="checkbox"/> Certificate <input type="checkbox"/> Calculation <input type="checkbox"/> Data Sheet					
Having checked this submittal, we certify that it confirms/comply to the requirement of the Contract Documents in all respects, except as otherwise indicated herein:					
Delivered by:					
Date: ____/____/ 20__					
Contractor Project Manager/Name & Signature: _____					

Page 3 of 3

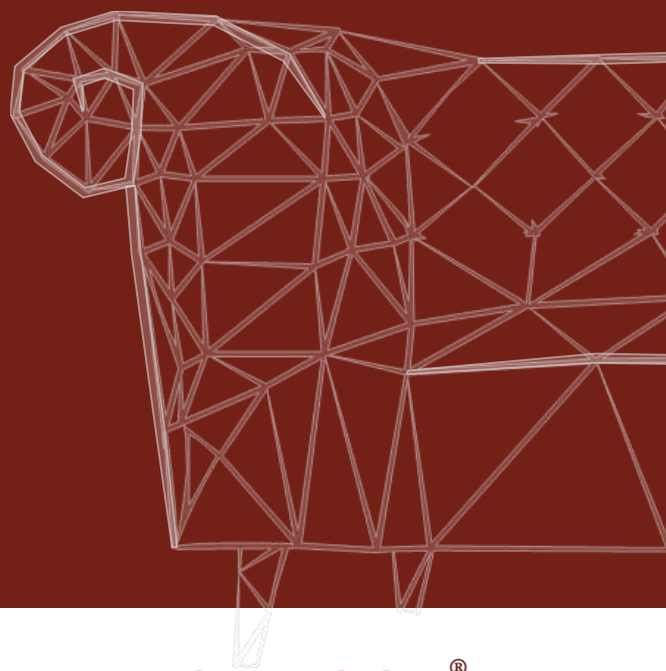
# Materials Approvals Examples

Client:		Consultant:		Contractor:	
 National Aviation Services		 COURTNEY MICHAEL PARTNERSHIP NIGERIA LIMITED RC0801212		 ORWOOD International Mimarlık Ltd	
Project Title:		<input checked="" type="checkbox"/> Abuja Lounge		<input checked="" type="checkbox"/> Port Harcourt Lounge	
<b>Material Approval Request</b>		MAR. No. / RV		<input checked="" type="checkbox"/> New Submittal	
Material Ref.:		Date:		<input type="checkbox"/> Resubmittal	
As project description		1 5 0 1 2 0 2 0			
Project Ref.	Description	Manf./Supplier	Item Ref.		
Finishing / Floors & Skirts 2-9 / AL 2-5 / PHL	Per meter square - supply & install rubber tiles on local tiles for <b>kids' room</b> , according to specs, standards and drawings.	 Park ve Zemin Hiz. San. Tic. Ltd. Şti.	Tatami Cushion [Eva Flooring]		
<input type="checkbox"/> Document <input type="checkbox"/> Soft Copy <input type="checkbox"/> Sample <input type="checkbox"/> Certificate <input type="checkbox"/> Calculation <input checked="" type="checkbox"/> Data Sheet					
Having checked this submittal, we certify that it confirms/comply to the requirement of the Contract Documents in all respects, except as otherwise indicated herein:					
Delivered by: Fevvez Hatipoglu					
Date: 15/01/2020					
Contractor Project Manager/Name & Signature: _____ sent by email _____					

## ORWOOD®

Material Approval Form			
Date: 15/01/2020	Material Ref.:	As project description	
Manufacturer:	TITİZ KAÜÇÜK	Country of Origin:	Turkey
Specification Reference:	As project description		
Material Description:			
<p><b>General Features</b></p> <ul style="list-style-type: none"> <li>- Tatami cushions are multi-purpose floor coverings in the form of jigsaw squares made of special foam rubber as sports and play cushions.</li> <li>- The jigsaw design allows the cushions to engage each other tightly and, if necessary, be easily removed and moved from one hall to another.</li> <li>- The density of the foam rubber is capable of absorbing impacts and shocks caused by falls and impacts.</li> <li>- Tatami cushions are easy to clean, washable with soap and water.</li> <li>- Provides heat insulation.</li> <li>- Dielectric.</li> <li>- Provides sound insulation.</li> <li>- Resistant to abrasion.</li> <li>- It has a non-slip feature.</li> <li>- Does not absorb water and does not smell.</li> <li>- Thickness</li> </ul> <p><b>Usage:</b></p> <ul style="list-style-type: none"> <li>- Children's play rooms,</li> <li>- Indoor play rooms and halls,</li> <li>- Kindergartens, kindergartens and kindergartens,</li> <li>- Far East sports centres,</li> <li>- Indoor sports halls,</li> <li>- Physical rehabilitation centres,</li> <li>- Fitness and health clubs, (Step, Aerobics and Gyms)</li> </ul>			
Manufacturer:			
TITİZ KAÜÇÜK			
www.titizkaucuk.com			
Material Sample:			
			
Code:	<input type="checkbox"/> A – Approved <input type="checkbox"/> B – Approved with notes	<input type="checkbox"/> C – Revise & resubmit <input type="checkbox"/> D – Rejected, Resubmit	<input type="checkbox"/> N – No Actions
Project Manager/Name & Signature:		Consultant /Name & Signature:	
Date: ____/____/ 20__		Date: ____/____/ 20__	

# FIRE RATED DOORS



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ORWOOD®



## ORWOOD is Q-MARK certified

by **BM TRADA** in the field of **fire-rated wooden doors**.  
Our certified doors are produced to withstand fire for **30, 60, 90, and 120 minutes**, in compliance with industry standards.



# FD 30

## Fire Rated Doors

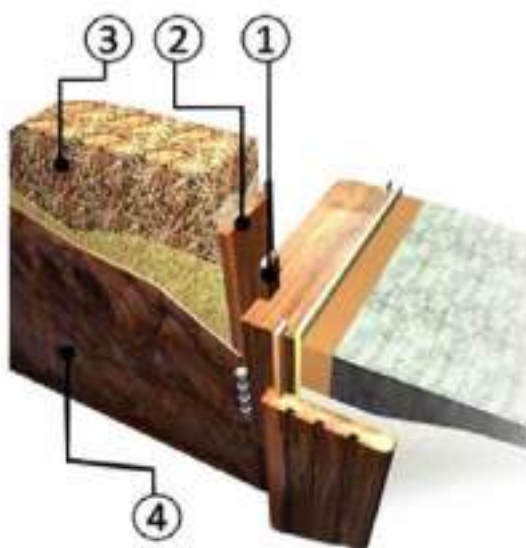


These doors are used as degrees in the spaces most vulnerable to the spread of fire just like kitchens, staircases and service rooms, in addition to many other public uses such as hotels, hospitals, office buildings.

These doors are used to prevent spreading fire, therefore its preserve lives and properties. It is preferable to use the FD 30 in most places generally Especially the internal and External Doors.

### The FD30 specifications :

- 1 - Strips : fire rated strips for FD30 door, 10\*4 mm PVC encapsulated palusol 100 Intumescent SHT.
- 2 - Lipping : 44 mm wide \* 10 mm thickness , Grade A solid wood, all around .
- 3 - Shutter core : 44 mm thick Halspan particleboard.
- 4 - Lamination : door face material finish can be of wood veneer, plastic laminate or painted finish, and we could add glass or louvers .

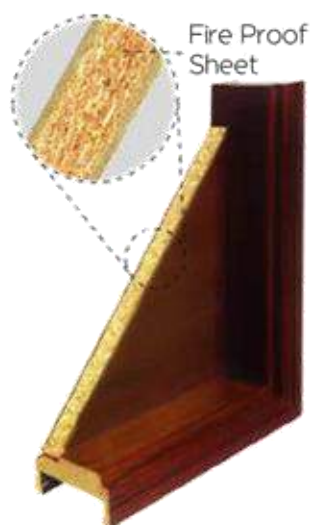


# FD 60

## Fire Rated Doors

These doors are used as degrees in the spaces most vulnerable to the spread of fire just like kitchens, staircases and service rooms, in addition to many other public uses such as hotels, hospitals, office buildings.

These doors are used to prevent spreading fire, therefore its preserve lives and properties. it is preferable to use the FD 60 in kitchens and bathrooms in addition to use it in schools halls and universities according to the British standards safety which is required in the educational buildings.



### The FD60 specifications :

( 60 minutes fire rated door) :

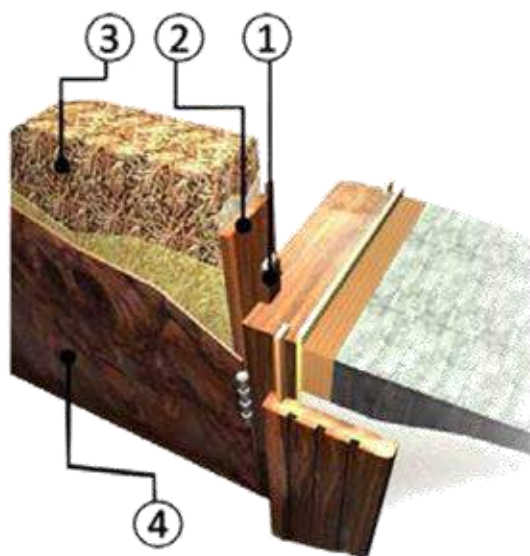
Panel thickness 55mm.

1 - Strips : fire rated strips for FD60 door, 2- ( 15\*4) mm PVC encapsulated palusol 100 intumescent sheet.

2 - Lipping : 54mm wide x 10mm thicknesses , Grade A hard wood, all around.

3 - Shutter Core : 54mm thick Halspan particleboard .

4 - Lamination: Door face material finish can be of wood veneer, plastic





# FD 90

## Fire Rated Doors

The fire rated doors are considered from the most important safety facilities in modern systems construction according to the international safety standard, that's related to its enormous contribution in preserving lives and properties in the first-class, particularly in buildings with high density residential like towers, public and private institutions, hotels, hospitals and the educational buildings, Where the fire rated doors 90 reducing the spread of the fire limits in one place. Its preferable to use these doors in corridors (data, server, archive) rooms.

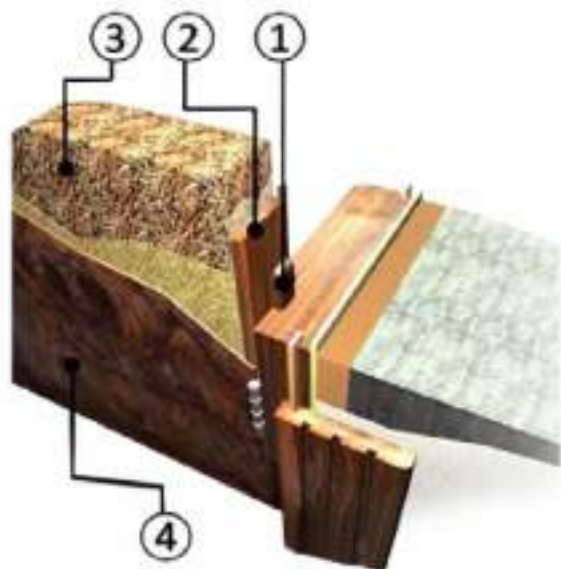


### The FD90 specifications :

( 90 minutes fire rated door) :

Panel thickness 65mm.

- 1 - Strips: fire rated strips for FD90 door, (25\*6)mm, (15\*6)mm (2\*50)mm PVC encapsulated palusol 100 intumescent sheet.
- 2 - Lipping : 64mm wide x 3mm thickness Grade A hard wood.
- 3 - Shutter Core: 64mm thick particleboard Halspan blank.
- 4 - Lamination : Door face material finish can be of veneer wood ,plastic laminate or painted finish, and we could add glass with special specifications.

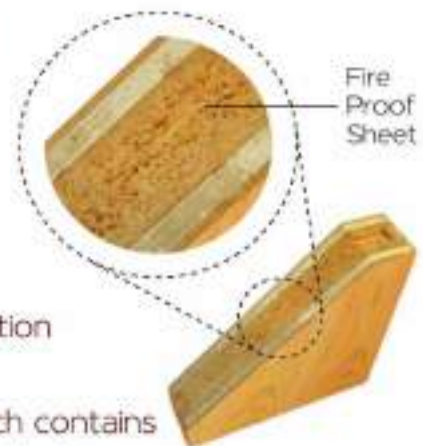


# FD 120

## Fire Rated Doors

The fire rated doors are considered from the advanced safety systems in modern construction, it delays spreading fire from an area to another, in addition to being a barrier which prevents leakage of smoke from the fire area which leads to many cases of suffocation so it helps to secure the evacuation of lives and properties during fire.

It is preferable to use the FD 120 in rooms which contains important information (server ,data rooms) and banks.



### The FD120 specifications :

( 120 minutes fire rated door ) :

Panel thickness 65mm.

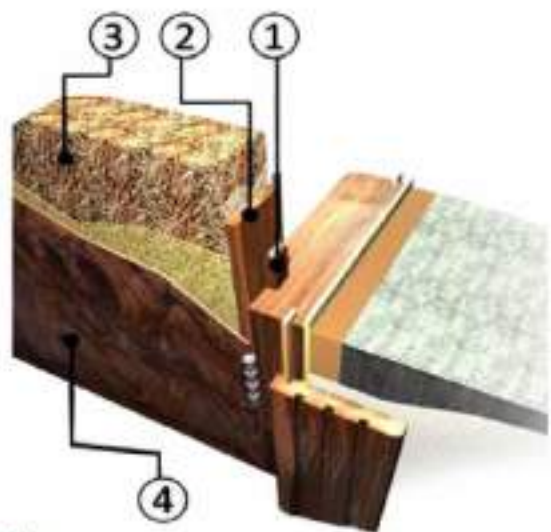
1 - Strips : fire rated strips for FD120 door,( 20\*4) mm(15\*2)mm, (2\*38)mm PVC encapsulated palusol 100 intumescent sheet.

2 - Lipping : 64mm wide x3mm thicknesses ,Grade A hard wood.

3 - Sub-lipping : 32mm wide x 10mm thicknesses, Grade A hard wood.

4 - Shutter Core: 64mm thick Combination

Of (38MM. Halspan Core, 9mm. Thick CRC Mid Face & 3.2 mm. Thick MDF Surface ALL Are Required For120Minutes) and we could add glass in a very certain places .

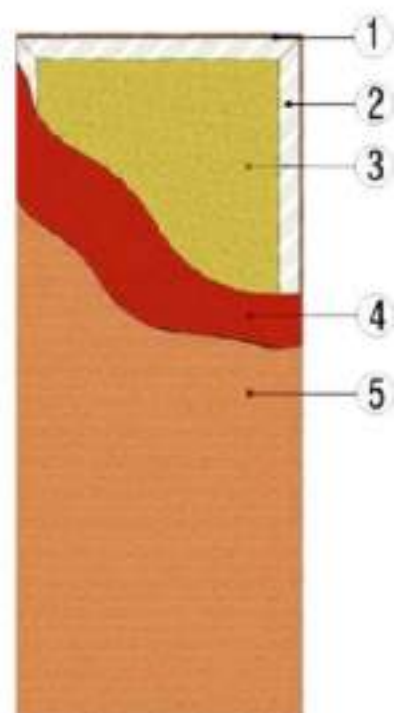
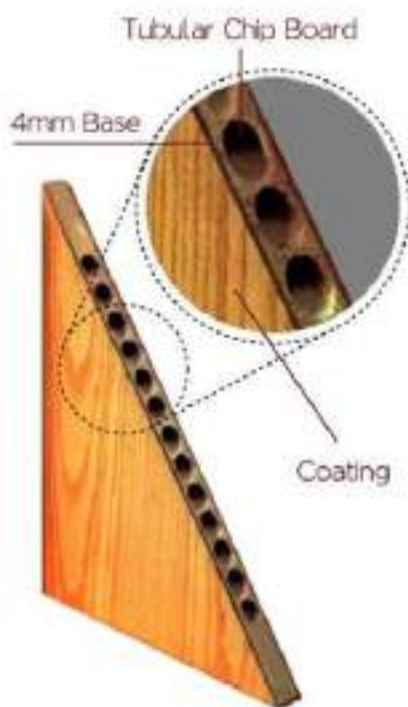




## 1- Tubular Core Shutter

### Panel thicknesses 42, 45, 48 mm :

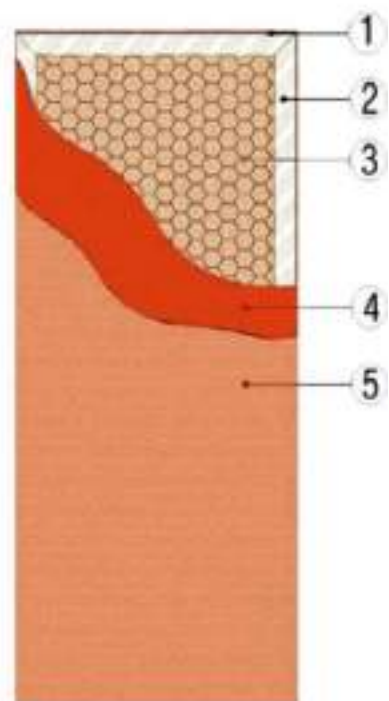
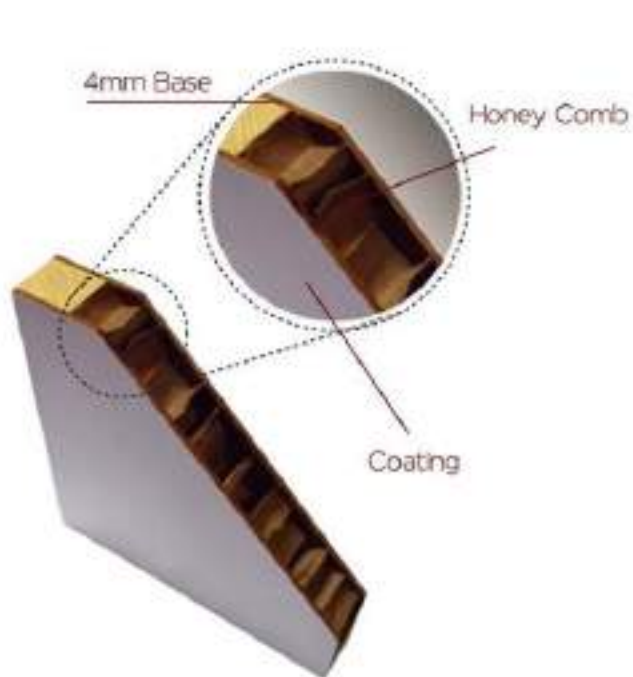
- 1- lipping: 10mm thickness solid wood all around.
- 2- inner frame: 70mm wide soft wood frame.
- 3- tubular chip board
- 4- 4mm plywood sheet
- 5- final lamination (veneer, HPL, PVC, or painted)



## 2- Honey Comb Core Shutter

### Panel Thickness 40mm :

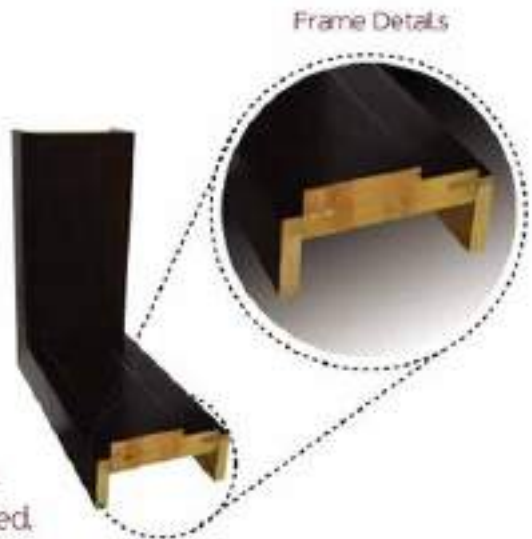
- 1- Lipping: 1 mm thickness PVC.
- 2- Inner frame: 50 mm wide soft wood frame.
- 3- honey comb cardboard core.
- 4- 4mm plywood sheet
- 5- final Lamination (veneer, HPL, PVC, or painted)



## Economical Frame Sets

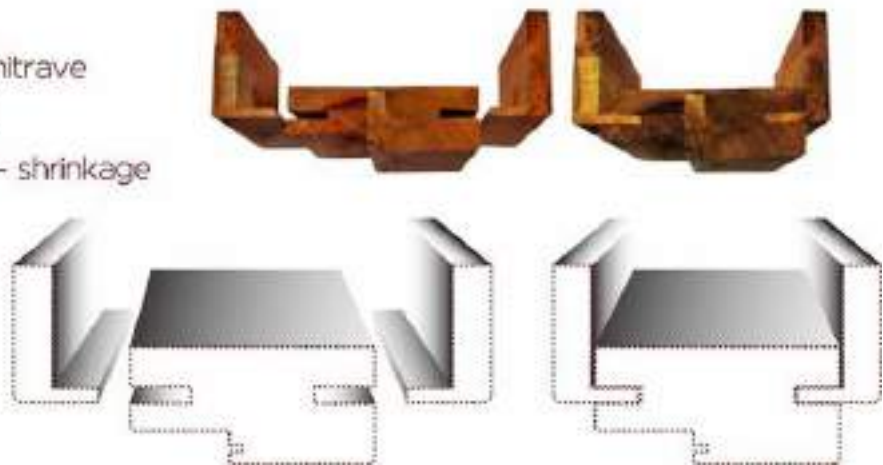
### 1- Engineered Frame Sets :

This type of frame is the new innovation of ORWOOD, by using the waste of our production to produce an engineered high quality finger joined frame set, we became the first provider of the recycled solid frames in the region. ORWOOD engineered frame set are produced from solid high density hardwood, and high standard joining glue. also it can be laminated, painted, or lacquered.



### Advantages:

- 1- adjustable architrave
- 2- non-bendable
- 3- anti expansion - shrinkage
- 4- low price
- 5- high density
- 6- durable
- 7- sustainable

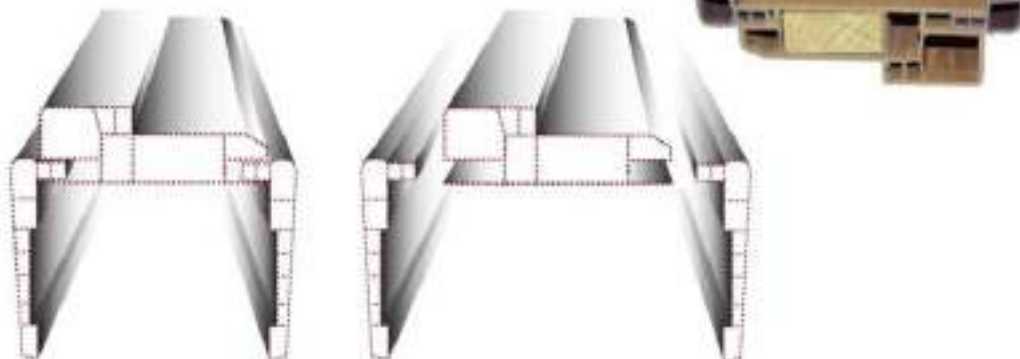


## 2- Adjustable PVC Frame Set

Another innovation of economical frame set by ORWOOD, using light weight structural PVC. Can be laminated with PVC to get the wood texture or other.

### Advantages:

- 1- adjustable
- 2- high strength
- 3- quick and easy fix
- 4- waterproof
- 5- low price



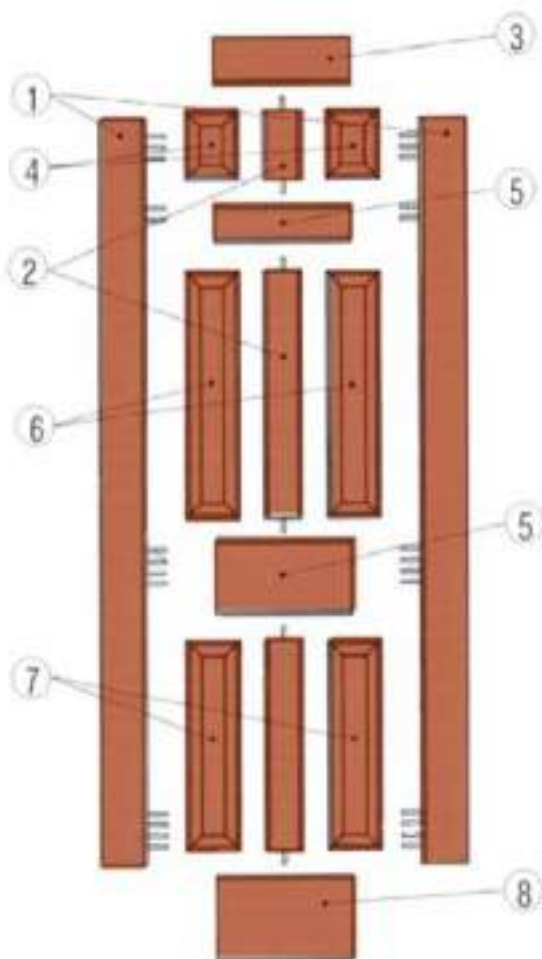
# Solid Wooden Doors

## Solid Doors :

This type of Doors usually preferred to be used in the external Doors. Because of its durability, hardness and ability to use all kinds of where the whole door is made of hard wood.

In addition to the possibility of choosing any desired design according to the clients' test.

These doors could be manufactured as a single leaf or doubled



## Solid Door :

- 1. Stile.
- 2. Mid Stile.
- 3. Top Rail.
- 4. Top Panel.
- 5. Mid Rail.
- 6. Mid Panel.
- 7. Bottom Panel.
- 8. Bottom Rail.





[www.orwood.com](http://www.orwood.com)  
[marketing@orwood.com](mailto:marketing@orwood.com)

