

# CASE STUDY

Project WIC375 End-to-End Delivery

# From Design and Cost Review to Final Installation

Integrated project delivery process

## Discovery Call & Project Cost Assessment

- Comprehensive review of tendering document, including architectural and engineering drawings
- Detailed project product schedule and scope map-out
- Preliminary budgeting and cost re-engineering
- Production programing and timeline assessment
- Shipping container and logistics planning
- Manufacturing lead-time alignment

## Design & Shop Drawing Documentation

- Product design development
- Engineering calculations and supporting documentation
- Shop drawings and construction drawings
- Installation methodology and construction solutions

## Quality Control

- Factory quality inspections
- Trial assembly and factory fitting testing
- Third party lab result, inspections and certifications available
- Pre-shipment quality verification

## On-Site Delivery & Completion

- Packaging and logistics planning
- Delivery program management by dedicated manager at the factory and a PM in Sydney
- Site installation support
- Ongoing project tracking

## Project WIC375

Delivered over 10 different styles and/or categories of products: balustrades, metal louvres on façade, railings etc

### Discovery & Onboarding

We've conducted an in-depth tendering document review, identified the challenges and gaps, developed detailed product schedules, assessed manufacturing requirements and logistics planning, and prepared preliminary project costing to support early-stage budget evaluation, based on client's design documentation.

**Comprehensive  
drawing review**



**Product range  
identifications**

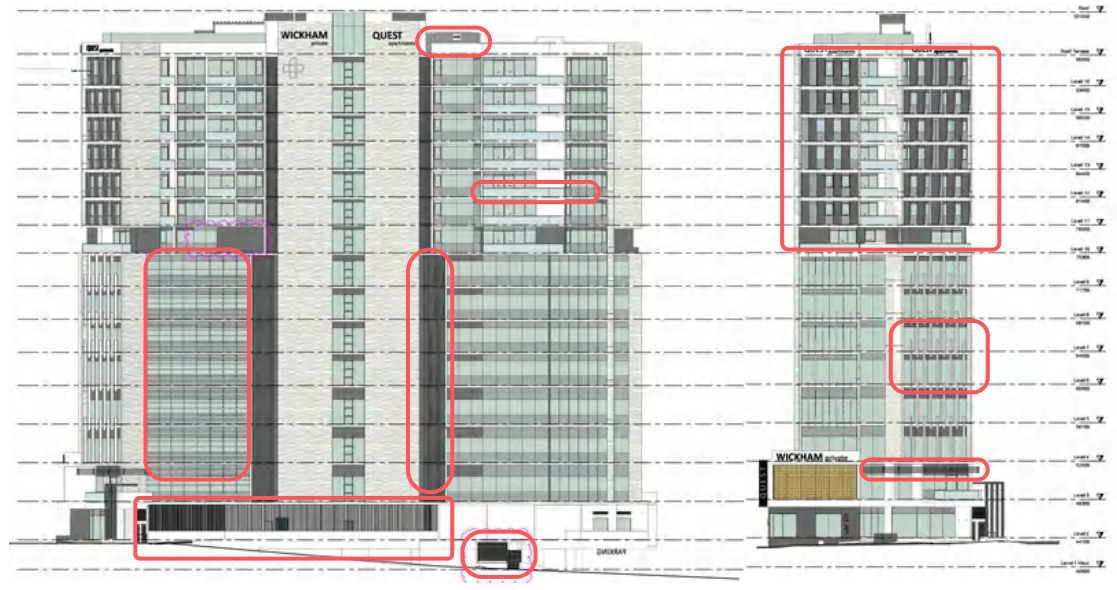
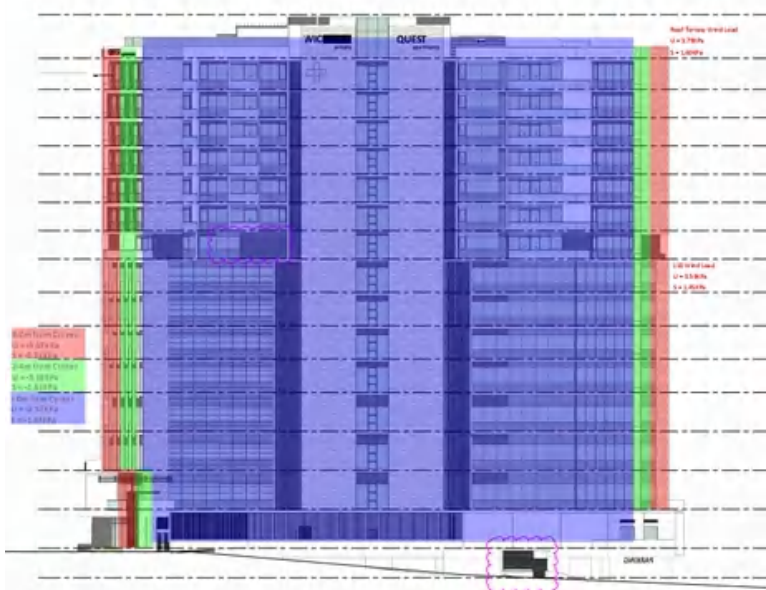


**Preliminary  
project planning**

- Program assessment
- Container loading and logistics planning
- Manufacturing lead-time estimation



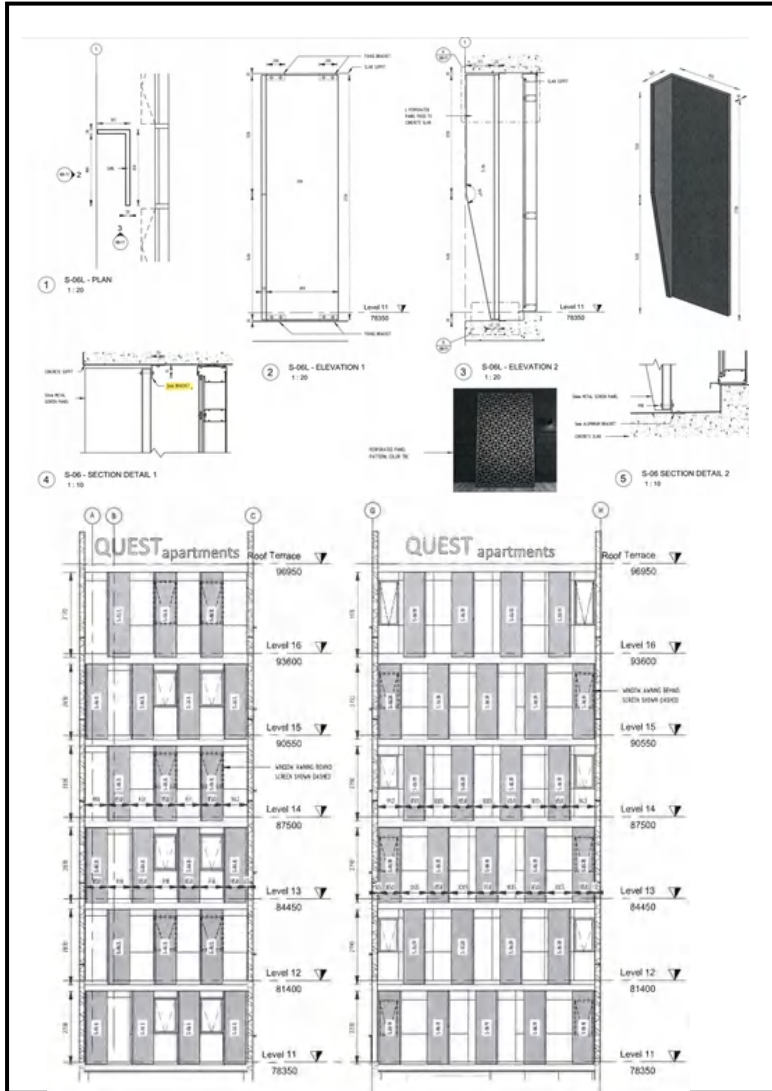
**Preliminary cost  
estimation**





## Solution Outputs

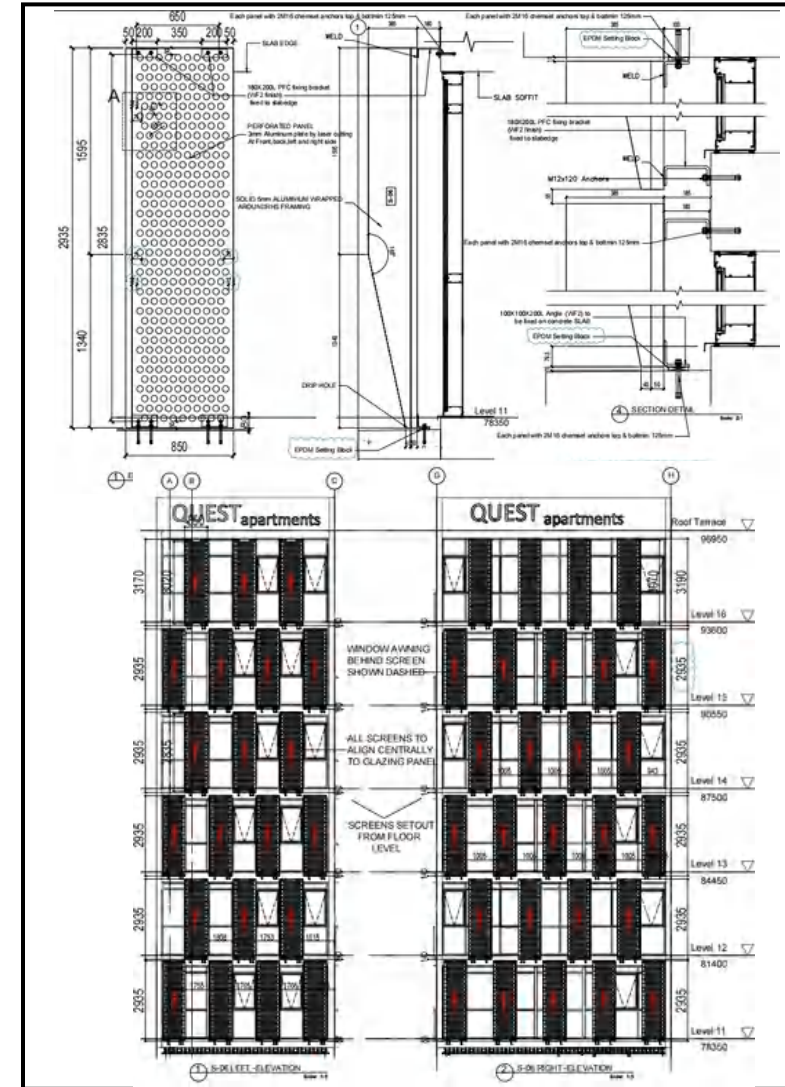
We provide a complete package of technical documentation, refine product details and develop fully coordinated, buildable design solutions suitable for manufacturing and installation, develop shop drawings based on years of practical construction site experience; Wherever appropriate, prefabricated and modular solutions can be incorporated to reduce site labor requirements, improve installation efficiency and maintain highest possible cost control.



## Refinement of Design Plans



Pragmatic optimization  
per site experience,  
customized standardized,  
installation friendly,  
delivery efficient, full  
suite of product solutions



Original architectural design plans from client

Product shop drawing ready for manufacturing and installation by us

## Quality Assurance

1. Post production, all products undergo full suite of inspection and trial assembly to ensure quality, accuracy and installation readiness
2. Independent third-party lab testing , inspections and certification can be arranged upon request



### Internal Quality Control

- Check dimensional precision, structural and fabrication integrity, surface finishes and treatment against client's requirements and specifications
- Also small parts and components are pre-assembled at this point, to reduce time and labor on site.



### Fitting & Trial Assembly

- Installation stimulation and testing, rule out any unexpected installation challenges
- Installation guide/manual and videos are included where required



## Logistics & Delivery

1. Optimizing solution every step out of the way per product features and project requirements, to achieve cost precision and value re-engineering through fit for purpose design and packaging coordination.
2. We work directly with project managers to confirm delivery schedules and coordinate project milestones throughout their construction program.
3. We continue to provide technical support and maintenance guidance after installation and project completion, to ensure long-term product performance.



### Packaging & Export Prep

- Export requirement met
- strong protection throughout transportation and manual handling
- Clear labelling for sorting instructions



### Container Loading Optimization

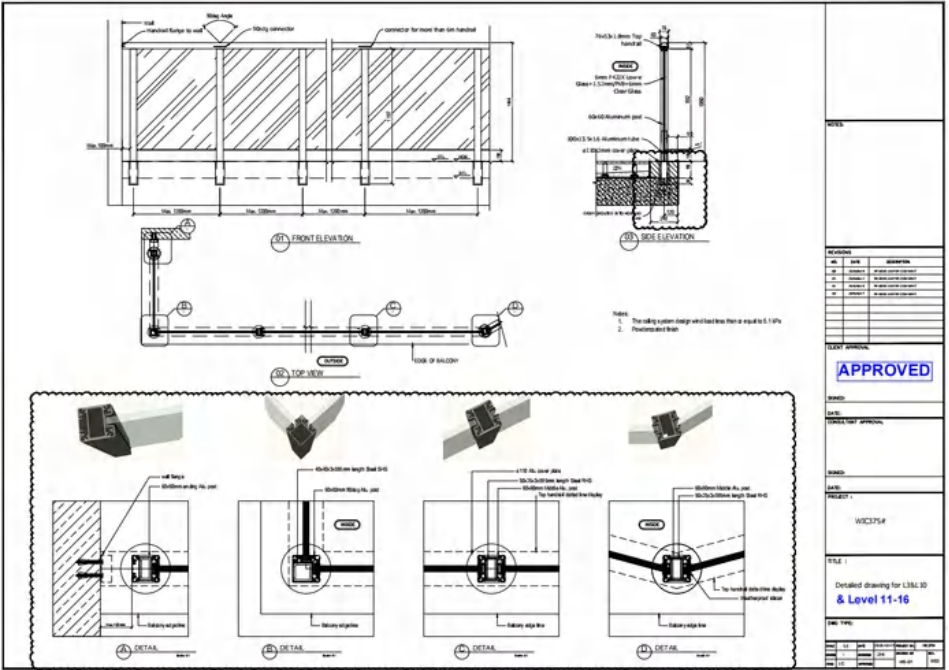
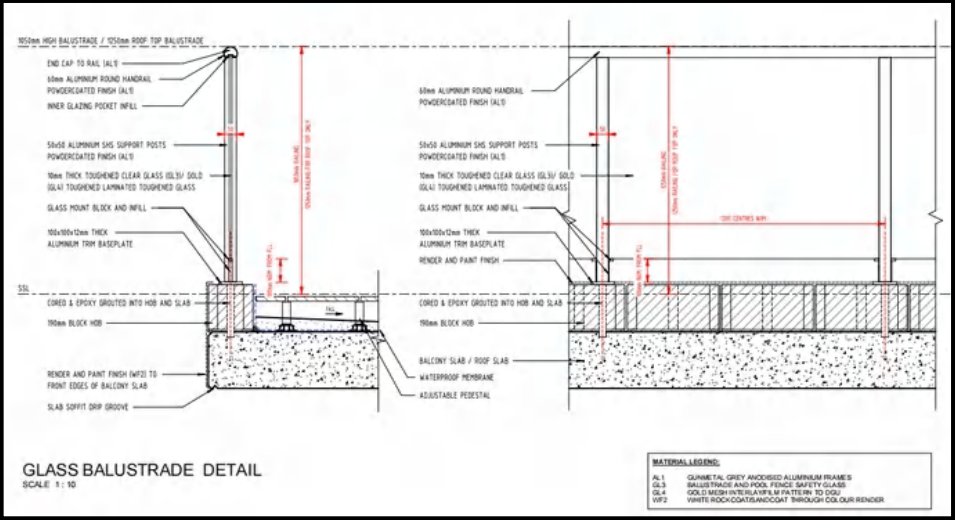
- Optimized layout within min. no. of containers, reduce shipping costs
- Max logistic efficiency for worker friendly unloading, unpacking, installation



### Program & Stakeholder Management

- Ensure delivery timeline is adhered to
- Constant follow up and on-going progress tracking to resolve any issues on site
- Continuous after-sales support

# Other products in this project





# Other products in this project



Perforated Panel Screen



Window Eave Sun Shading



Vertical Louvre Facade Screen



Facade Screen



Louver Window



Aluminum Fence



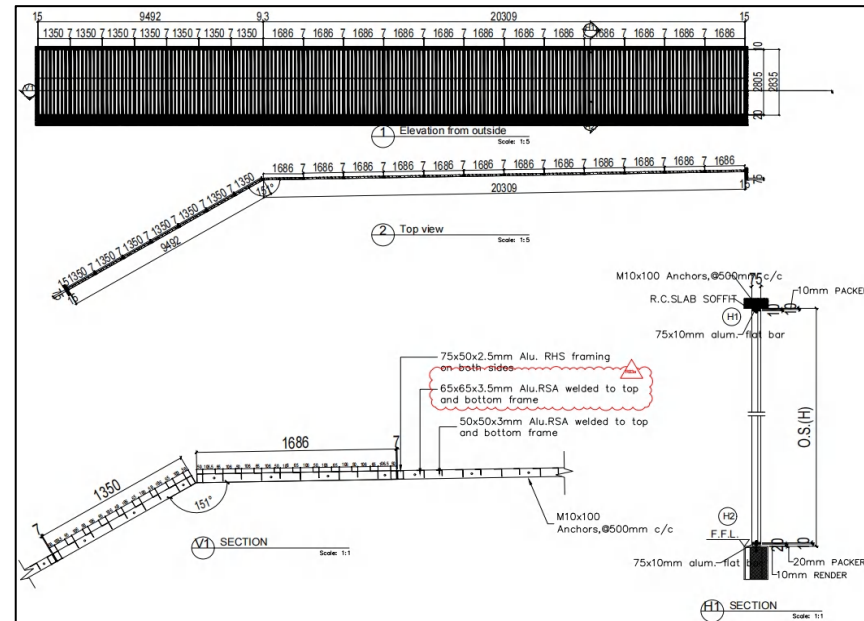
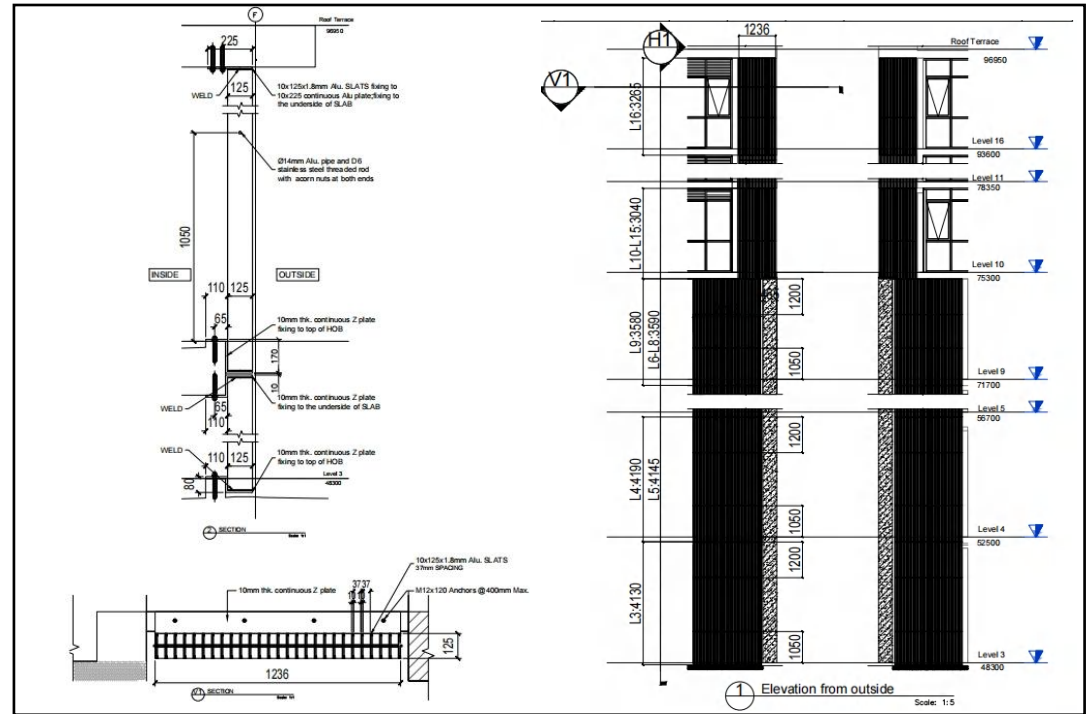
Horizontal Facade Screen



Facade Screen



## Details of the products



 悦兴五金  
YUOXING HARDWARE

