

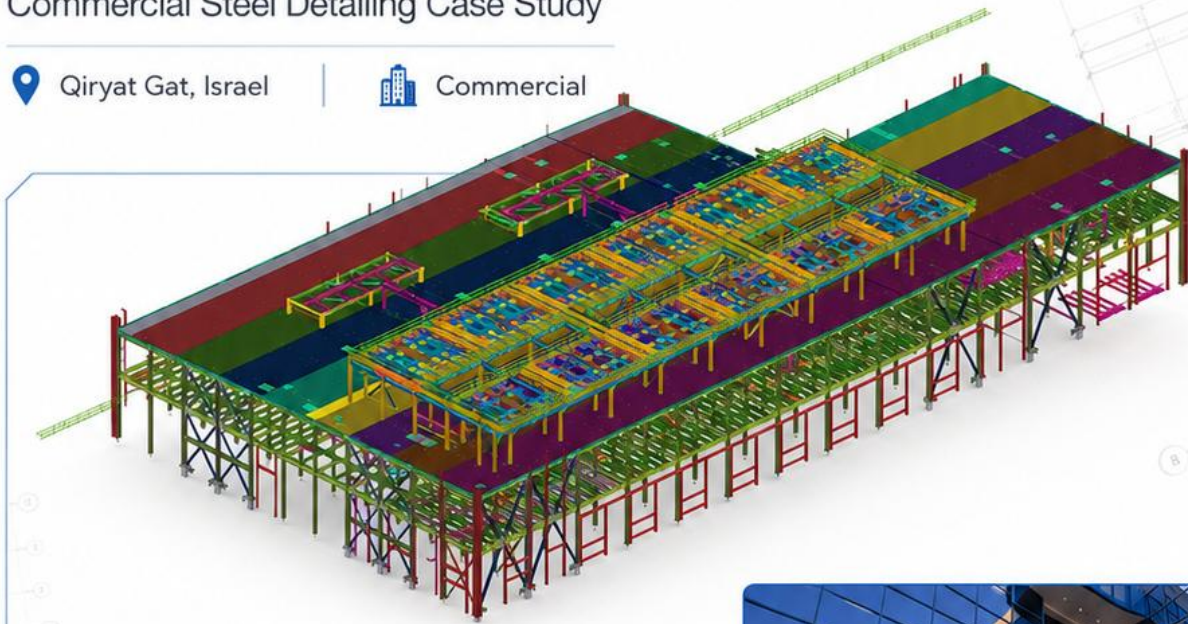


Intel CUB.2

Commercial Steel Detailing Case Study

📍 Qiryat Gat, Israel

🏢 Commercial



Intel's development and manufacturing centers in Israel helped drive Intel's product strategy and many breakthroughs. Intel began operations in Israel in 1974 with the first development center outside the USA and later the first manufacturing site outside the USA in Jerusalem in 1982. Over time Intel grew into one of the largest private employers in Israel.

For this project, all main steel and secondary steel were in scope and detailed in nearly 24 sequences. The structure involved misc. steel, sloped framing, and heavy members with slope moment connections. Coordination was carried out with the fabricator and connection designer to simplify critical areas, with senior staff reviewing key zones regularly.



PROJECT SUMMARY

Moldtek delivered comprehensive steel detailing for Intel CUB.2, ensuring constructability, accuracy, and seamless coordination across all disciplines to support fast-track execution.



4,632
Tonnage



15
Weeks



24
Sequences

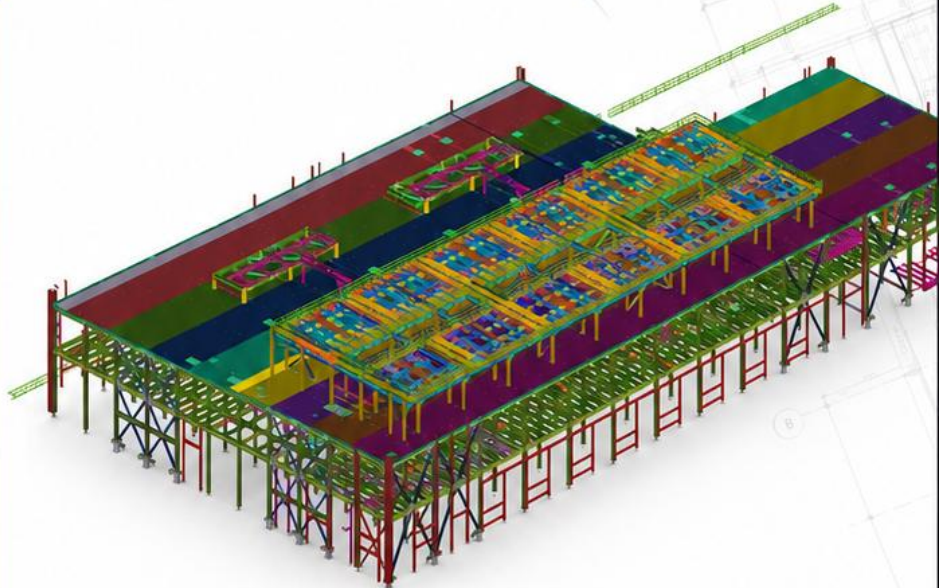


**Main +
Secondary**
Steel

Built for high-speed commercial steel delivery.

Intel CUB.2 in Qiryat Gat, Israel is a commercial steel detailing project supporting one of Intel's important development and manufacturing environments. The package included all main steel and secondary steel and required disciplined execution within a compressed 15-week schedule.

The structure involved misc. steel, sloped framing, and heavy members with slope moment connections. To address critical areas, Moldtek coordinated closely with the fabricator and connection designer and ensured senior-level review at regular intervals.



PROJECT SNAPSHOT

- Qiryat Gat, Israel commercial project
- 4,632 tons of steel
- 15-week delivery programme
- Nearly 24 detailing sequences
- Main + secondary steel in scope
- Fabricator and connection-designer coordination



4,632
Tonnage



15
Weeks



Commercial



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SCOPE OF WORK

Scope of work across primary steel, secondary steel and complex sloped framing.

Moldtek provided comprehensive detailing coverage for Intel CUB.2. The package covered all main steel and secondary steel while also addressing misc. steel, sloped framing zones, and heavy members with slope moment connections.



01

Main steel framing

Complete detailing of primary framing members.



02

Secondary steel detailing

Coordinated secondary members and support framing.



03

Misc. steel scope

Detailing support steel and miscellaneous elements.



04

Sloped framing zones

Handling geometry and alignment in sloped areas.



05

Heavy member connections

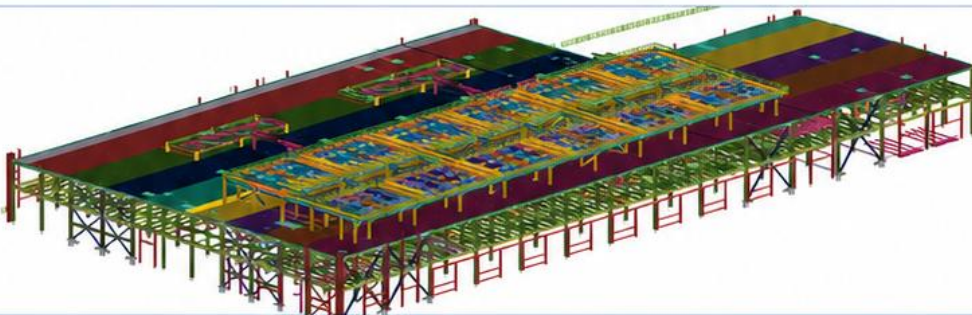
Careful detailing of heavy members and slope moment connections.



06

Review-ready deliverables

Shop-ready drawings, member information, and coordinated outputs.



4,632
tons of steel



15
week schedule



Commercial
use



Main + Secondary
steel

DELIVERY APPROACH



Review scope



Plan detailing packages



Model steel frame



Coordinate critical connections

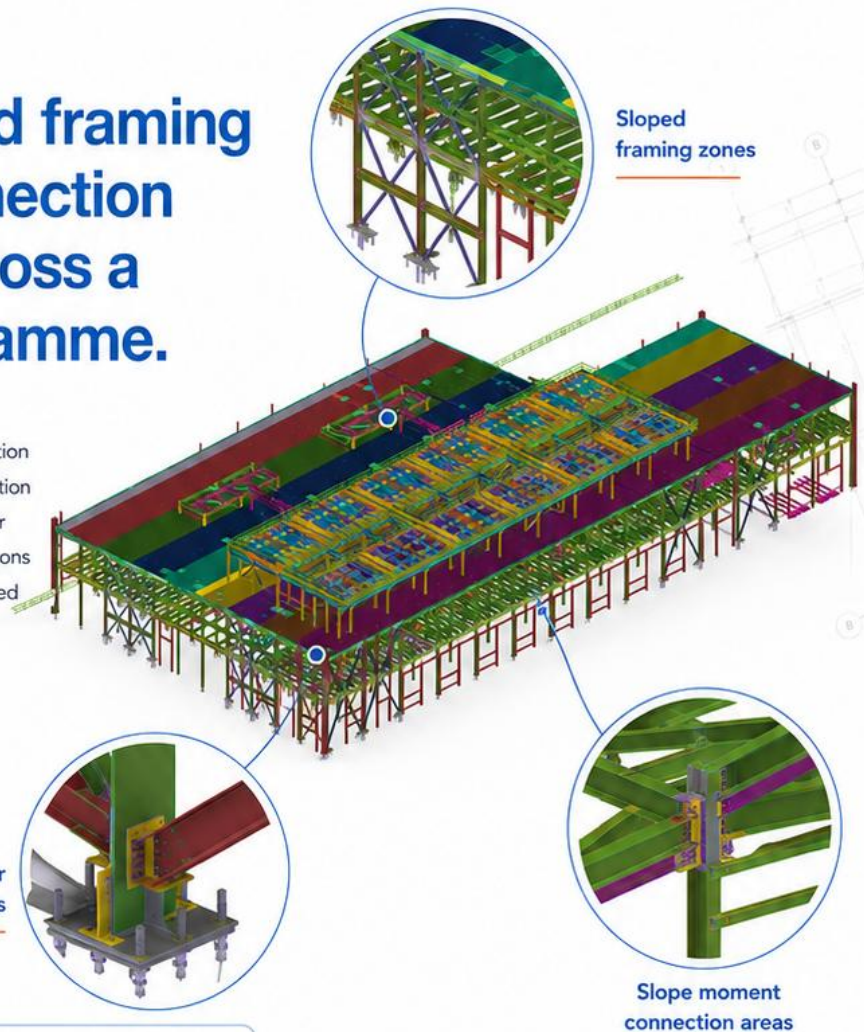


Release shop-ready drawings

COORDINATION CHALLENGES

Managing sloped framing and critical connection coordination across a fast-track programme.

The Intel CUB.2 package required close coordination between the detailing team, fabricator, and connection designer. Sloped framing geometry, heavy member interfaces, misc. steel, and slope moment connections demanded proactive issue resolution and disciplined review cycles.



01

Complex sloped framing geometry
maintaining accuracy through angled framing regions.



02

Heavy member detailing
managing large member conditions and interface clarity.



03

Connection designer alignment
incorporating required connection information early.



04

Fabricator coordination
simplifying critical areas and resolving field concerns.



05

Senior review discipline
ensuring critical zones received additional review attention.



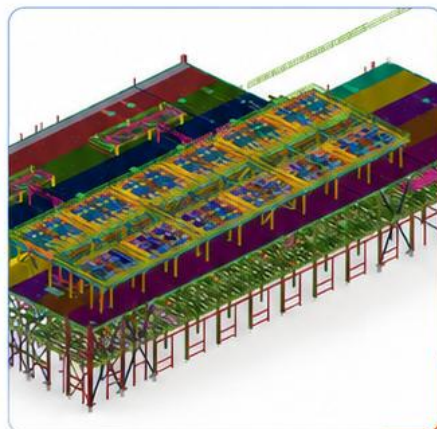
IMPACT & VALUE

Early coordination and regular senior review helped Moldtek reduce detailing risk, improve constructability, and keep critical connection packages on track.

DELIVERY FRAMEWORK

Coordinated detailing support across a 15-week programme.

Moldtek executed the Intel CUB.2 detailing package through a structured 15-week programme covering modelling, coordination, issue tracking, and release management. The workflow balanced speed, constructability, and review discipline to support timely fabrication-ready output.



4,632
Tonnage



15
Weeks



24
Sequences



Fast-track delivery



Main steel

Primary structural framing and member detailing.



Secondary steel

Support framing, secondary members, and interfaces.



Model coordination

Clash awareness, constructability review, and issue resolution.



Drawing release

Controlled review cycles and release-ready deliverables.

Schedule Lens – 15 Week Programme



Kickoff

Week 0



Inputs

Weeks 1–2



Modelling

Weeks 3–5



Coordination

Weeks 6–10



QA/QC + revisions

Weeks 11–13



Release-ready output

Weeks 14–15



VALUE DELIVERED

- Clear scope execution for a 4,632-ton steel package
- Strong coordination with fabricator and connection designer
- Attention to sloped framing and critical connection zones
- Accurate, shop-ready deliverables for fast-track execution