Oriole Way Residence

ORGANIZATION / INVOLVEMENT
Mehraz Negar Gita Consulting Engineers
Jan–Jun **2024 · 6 months**

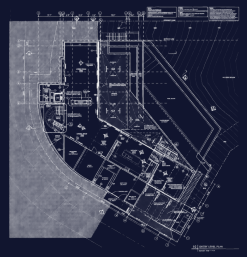
ROLE / LOCATION
Remote Construction Project Manager & BIM Coordinator
Los Angeles, California, USA

PROJECT TYPE / SCALE
Multi-level hillside residence; retaining structures, concrete / steel interfaces, terraces, pool and building services.

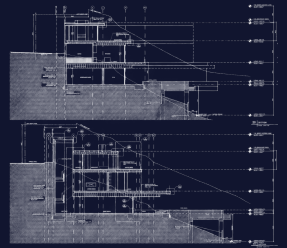
DELIVERY / TOOLS
Remote preconstruction, BIM coordination, clash review and programme integration.
Revit · Navisworks · AutoCAD · MS Project · Excel · BIM **360** · **4**D BIM

TEAM / DECISION RESPONSIBILITY
US team, architect, structural engineer and MEP consultants; tracked interfaces and integrated agreed revisions with sequencing.

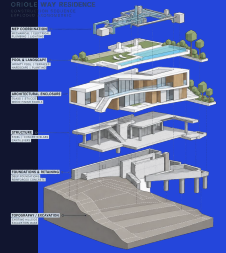
CHALLENGE / OUTCOME
Clash detection + **4**D coordination; identified conflicts entered updated information and programme review before downstream work.



Source plan / Preliminary bid set



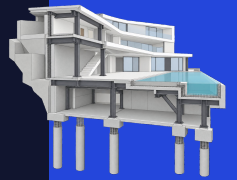
Source section / Not for construction



Conceptual coordination view



Conceptual completed view



Conceptual structural section



Illustrative construction stage

Remote coordination role; site supervision, inspections and statutory approvals remained with the US delivery team. Concept visuals are illustrative and are not as-built records.

Tallwood Court Residence

ORGANIZATION / INVOLVEMENT
Mehraz Negar Gita Consulting Engineers
Mar–Aug 2024 · 6 **months**

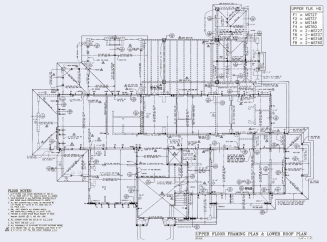
ROLE / LOCATION
Remote Construction Project Manager & BIM Coordinator
Atherton, California, USA

PROJECT TYPE / SCALE
New-build timber-frame residence; basement, two storeys, floor and roof framing.

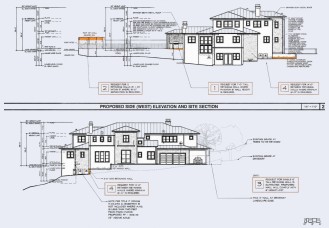
DELIVERY / TOOLS
Remote architectural, foundation and framing coordination.
Revit · Navisworks · AutoCAD · MS Project · Excel · BIM 360 · 4D BIM

TEAM / DECISION RESPONSIBILITY
Architect, structural engineer, timber-framing information and US delivery team; RFI tracking, drawing review and programme follow-up.

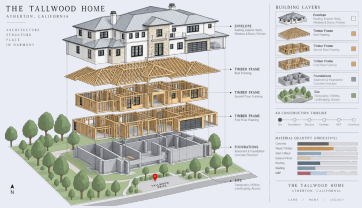
CHALLENGE / OUTCOME
RFI and drawing-information coordination; approved clarifications entered coordinated BIM and programme records.



Source framing / Revision submittal set



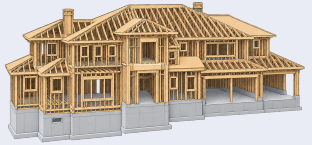
Source elevation / section



Conceptual BIM view



Conceptual completed view



Conceptual framing view



Illustrative site view

Remote coordination role; site supervision, inspections and statutory approvals remained with the US delivery team. Concept visuals are illustrative and are not as-built records.

Ridge View Residence

ORGANIZATION / INVOLVEMENT
Mehraz Negar Gita Consulting Engineers
Jul–Dec 2024 · 6 **months**

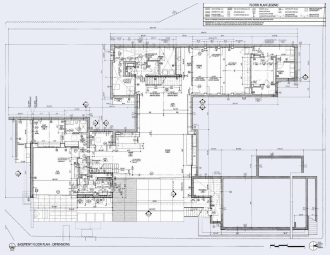
ROLE / LOCATION
Remote Construction Project Manager & BIM Coordinator
Atherton, California, USA

PROJECT TYPE / SCALE
New-build residence; concrete basement with mixed timber / steel upper construction and roof interfaces.

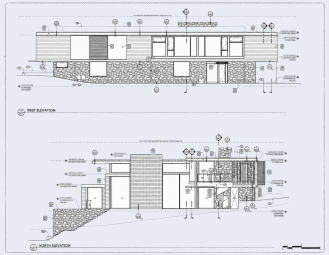
DELIVERY / TOOLS
Drawing / model review, dimensional coordination and remote quality follow-up.
Revit · Navisworks · AutoCAD · MS Project · Excel · BIM 360 · 4D BIM

TEAM / DECISION RESPONSIBILITY
Local team, architect, structural engineer and BIM team; reviewed field dimensions, photos and video and coordinated discrepancies.

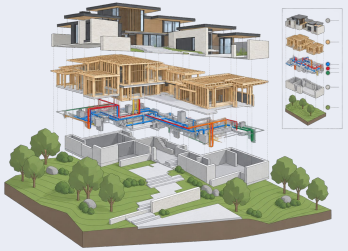
CHALLENGE / OUTCOME
Model-to-site dimensional discrepancy; items returned for clarification or corrective follow-up.



Source architectural plan



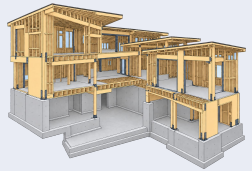
Source elevations



Conceptual coordination view



Conceptual completed view



Conceptual framing view



Illustrative site view

Remote coordination role; site supervision, inspections and statutory approvals remained with the US delivery team. Concept visuals are illustrative and are not as-built records.

Canada Road Residence

ORGANIZATION / INVOLVEMENT
Mehraz Negar Gita Consulting Engineers
Jan–Jun 2025 · 6 **months**

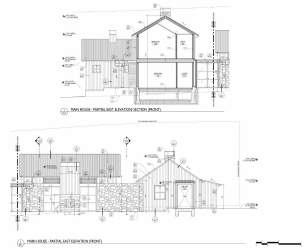
ROLE / LOCATION
Remote Construction Project Manager & BIM Coordinator
Woodside, California, USA

PROJECT TYPE / SCALE
Residential estate; main residence, accessory buildings, wider site works and multiple trade packages.

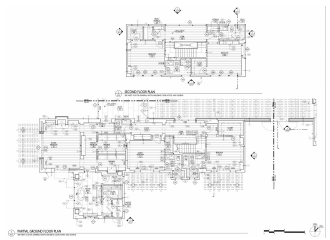
DELIVERY / TOOLS
Remote planning, BIM coordination, procurement dependencies and multi-trade sequencing.
Revit · Navisworks · AutoCAD · MS Project · Excel · BIM 360 · 4D BIM

TEAM / DECISION RESPONSIBILITY
US team, architect, trade contractors and procurement interfaces; reviewed long-lead constraints, dependencies, early releases and resequencing.

CHALLENGE / OUTCOME
Long-lead procurement + multi-trade sequencing; prioritised available work fronts while constrained packages were resolved.



Source architectural section



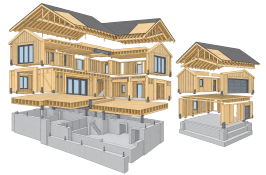
Source floor plan



Conceptual site view



Conceptual completed view



Conceptual BIM view



Illustrative site view

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