Baharloo Hospital Refurbishment

LIVE-HOSPITAL CHALLENGE
Maintaining patient, visitor and staff access during refurbishment.

MEHRAZ NEGAR GITA CONSULTING ENGINEERS | Tehran, Iran | Jul **2020**–Jan **2021** | Construction Project Manager | **1,250** m² · **28 weeks** · **2 direct reports** · **6 subcontractors** · **18 peak operatives**



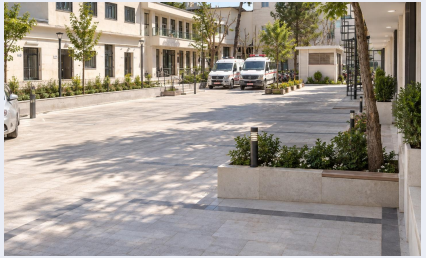
Existing condition



Survey & review



Live-operation works



Completed works



Interior A / Before



Interior A / After

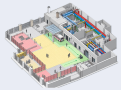


Interior B / Before



Interior B / After

Reference-based BIM illustration; not a native model export



DELIVERY / TEAM / DECISIONS
Surveys, as-built review and phased works with hospital representatives, MEP and architectural trades. Coordinated work zones and material routes around patient, visitor and staff circulation, including dust/noise controls and quality close-out.

RESULT / COMMERCIAL
Operational routes remained workable. USD 1.70m final versus USD 1.68m revised: USD 20k / 1.2% above.

EVIDENCE
Existing conditions, live works and completed interiors.

Nasim Refurbishment Coordination & Completed Interiors

ORGANISATION / ROLE

Mehraz Negar Gita Consulting Engineers · Tehran, Iran
Mar–Nov 2021 · 9 months
Construction Project Manager

PROJECT / DELIVERY

Residential refurbishment: strip-out, MEP coordination, interior fit-out and final finishes.

TEAM / DECISIONS / CHALLENGE

Coordinated demolition, MEP, joinery and finishing contractors with designers. Managed sequence, progress and workmanship; referred unforeseen conditions exposed during strip-out for technical review.

OUTCOME / EVIDENCE

Completed living, kitchen and bedroom interiors, documented in before-and-after photos.

Existing Condition → Strip-Out → MEP Coordination → Interior Fit-Out → Final Finishes → Completion



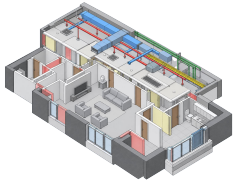
Living area / Before and after



Kitchen / Before and after



Bedroom / Before and after



Reference-based BIM illustration.
Supplementary services visual;
not a native model export.

Zahir al Islam House
Fabric, Research & Transformation

ROLE / Construction Project Manager — Heritage Project Coordination





Exterior / Before



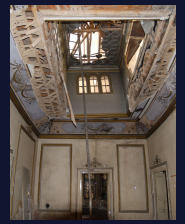
Exterior / After



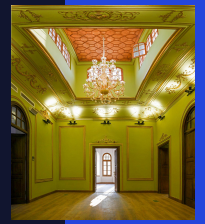
Interior A / Before



Interior A / After



Interior B / Before



Interior B / After

ORGANISATION / INVOLVEMENT

Mehraz Negar Gita Consulting Engineers · Tehran
2020–2022

CONSTRUCTION / HERITAGE CONTRIBUTION

Oversaw seismic-retrofitting works and coordinated restoration execution with heritage specialists and site teams.

RESEARCH CONTRIBUTION

Combined archival evidence, surviving fabric and site observations for first-author ECAM research published in 2025.