

BUILDING DESIGN

At DECON, we provide comprehensive civil engineering and structural design services for buildings across various sectors, including residential, commercial, institutional, and industrial applications. Our innovative approach, particularly through the use of BIM-compliant systems, enhances building efficiency and promotes environmental sustainability.



CAPABILITIES

- Building Structural Analysis & Design
- Construction Plans & Documents Preparation
- Engineering Calculations Reports
- Foundations Design
- Retaining Walls & Soil Stability Analysis
- Value Engineering
- Construction Structural Special Inspections
- Construction Engineering Support
- Civil Site Design
- Peer Review & QA/QC Services
- Building Information Modeling (BIM) Implementation
 - Level of Development - 100-500
 - 3D, 4D Budgeting, 5D Scheduling



Houston Qurand Academy (HQC), 40,000 SF, institutional building, Houston, TX



Cameron Bear Lane Fabrication Warehouse: two-story, 150,000 SF office building, Corpus Christi, TX



Kaua Building, 110,000 SF, 18 floor residential building, Cartagena, Colombia



Museum BLVD: 150,000 SF residential mid-rise over post-tensioned concrete podium, Houston, TX