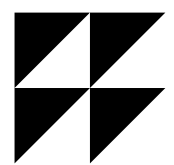
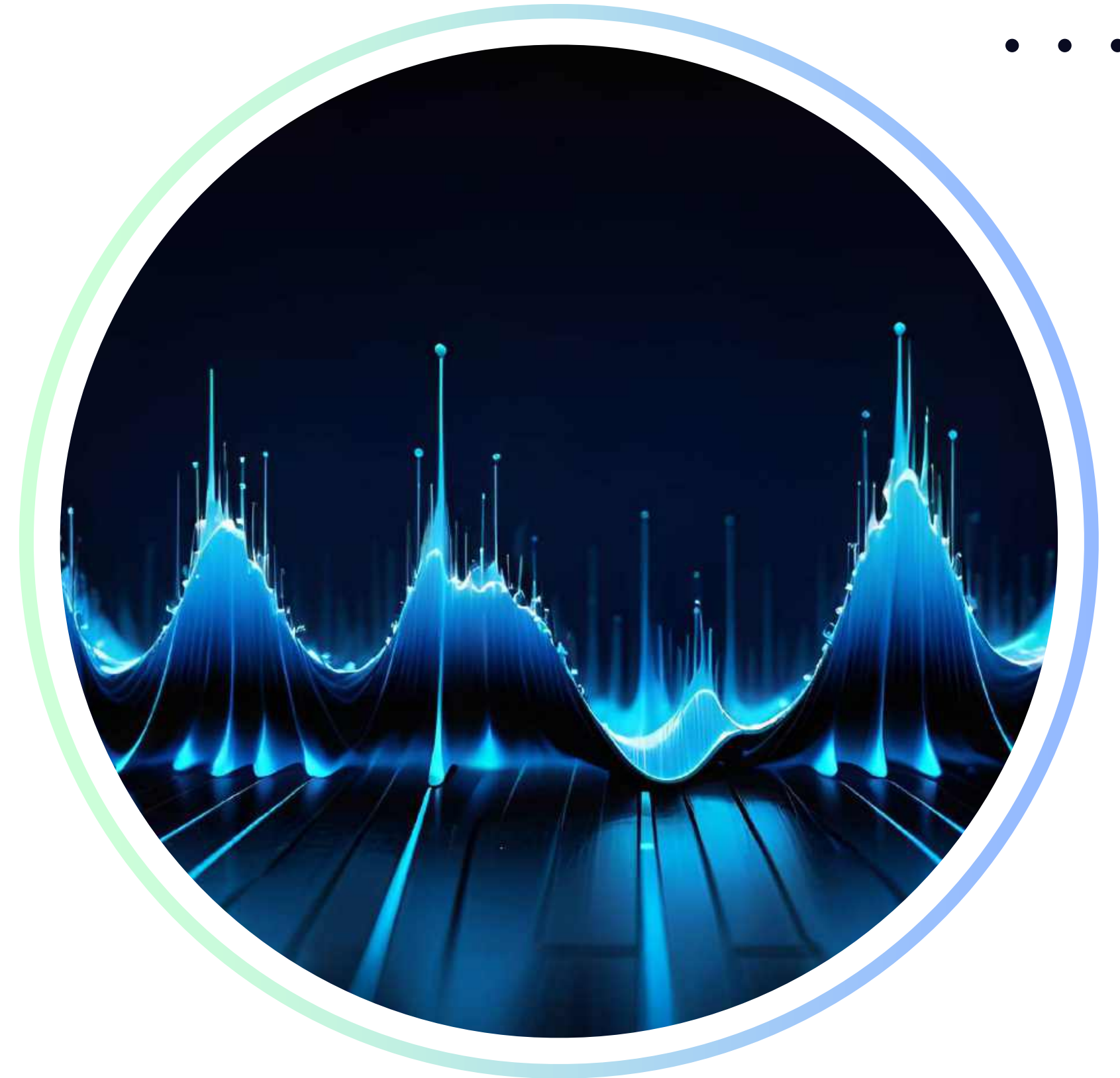




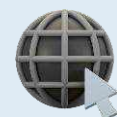
# BUSINESS PORTFOLIO



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consultancy services*



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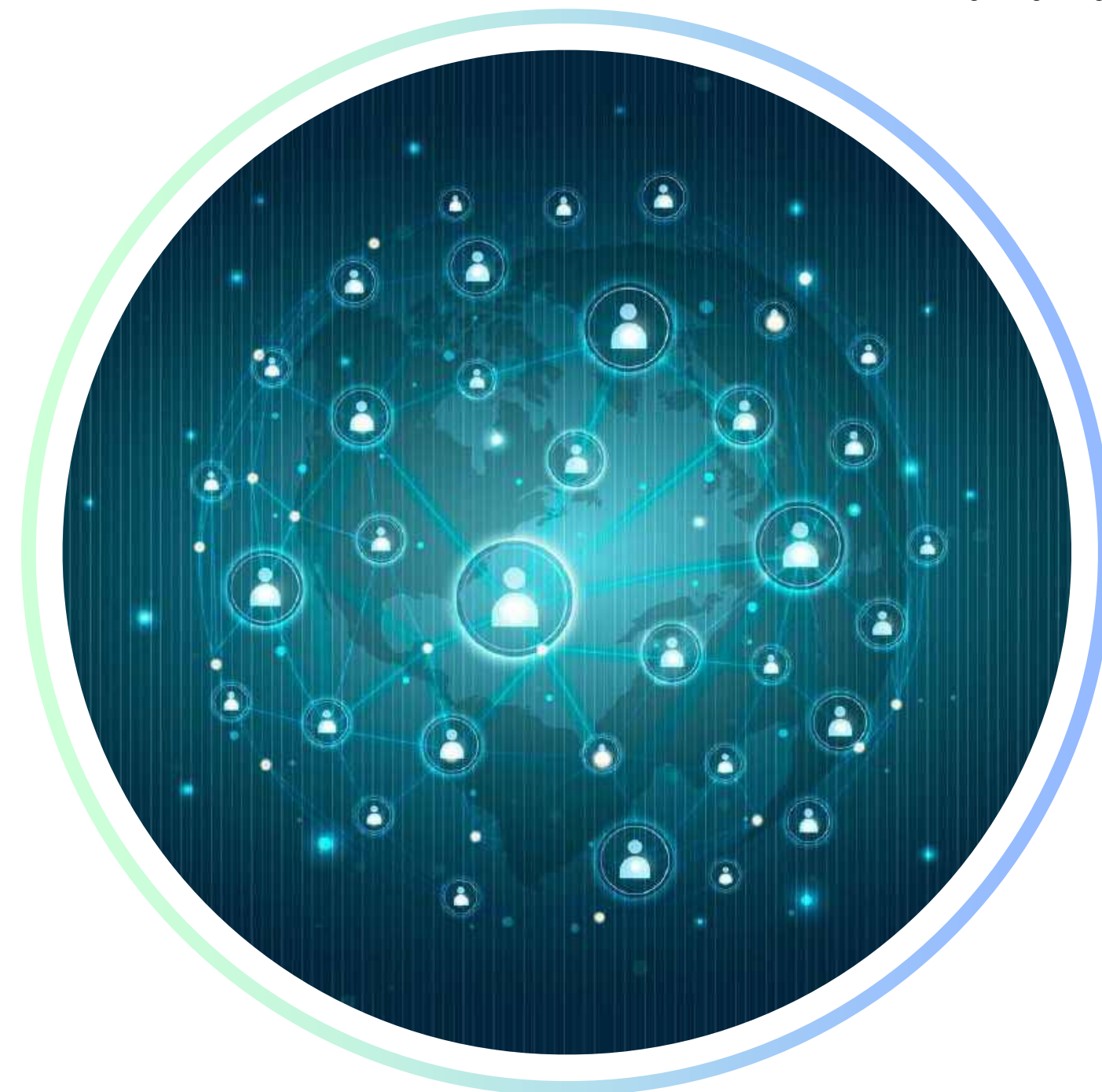


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# ABOUT US



**Reverbio** is a specialist consultancy offering high-performance acoustic solutions across architectural, environmental, Interior, Industrial and MEP domains. With over 5 years of expertise, we combine scientific precision with practical insight to create acoustically optimized, sustainable environments across diverse sectors.



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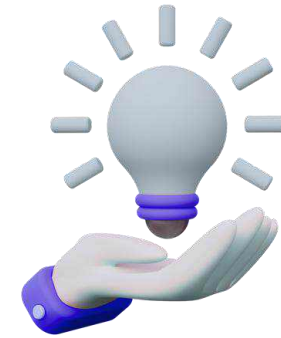
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# CORE OFFERINGS



**Acoustic design  
consultancy**

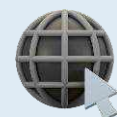
**Acoustic review /  
validation**

**Acoustic pre/post  
bid advisory**

**MEP / Heavy  
machinery  
installations**



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# OUR EXPERTISE



**ARCHITECTURAL / BUILDING ACOUSTICS**

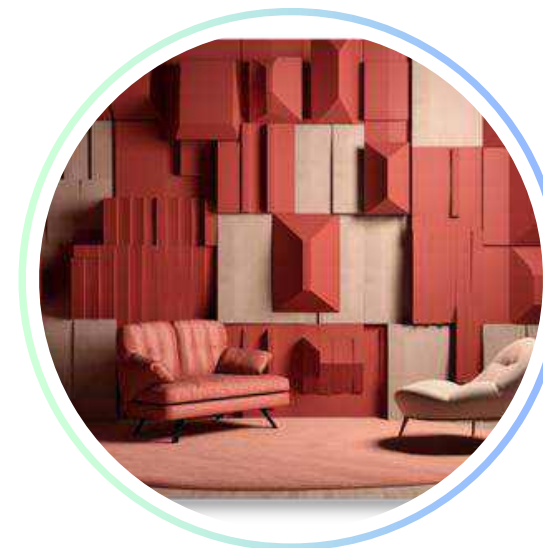
**INTERIOR / ROOM ACOUSTICS**

**MEP ACOUSTICS**

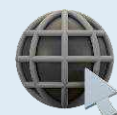
**ENVIRONMENTAL ACOUSTICS**

**CONSTRUCTION NOISE & VIBRATION**

**MEP/HEAVY MACHINERY INSTALLATIONS**



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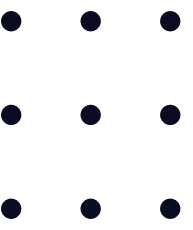
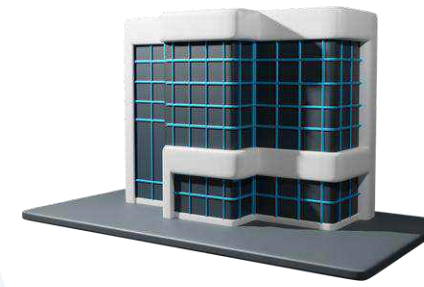
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# SECTORS SERVING



**Residential buildings**

**Health care buildings**

**Commercial buildings**

**Mosque**

**Data centers**

**Multipurpose hall**

**Sports arenas**

**Offices / Studios**

**Nightlife venues**

**Industries & Construction sites**

**Educational centers**

**Recreational spots (Auditorium, Theater)**

**Hotels / Restaurants**

**Indoor halls**



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# WORK PROCESS



**Kick off on  
project  
scope**

**Existing  
condition  
study**

**Project brief  
preparation**

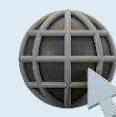
**Inter  
discipline  
coordination**

**Deliverables  
completion**

**Evaluation  
for effective  
solutions**



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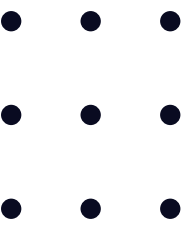
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# SOFTWARE SKILLS



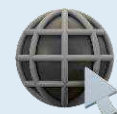
- ✓ AutoCAD
- ✓ ASHRAE Ductfitting data
- ✓ Sketchup
- ✓ Cadna A
- ✓ EASE
- ✓ dBnoisetools
- ✓ INSUL
- ✓ HVAC noise prediction tool



*We are also having our own customized tools for acoustic calculations*



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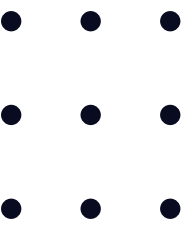
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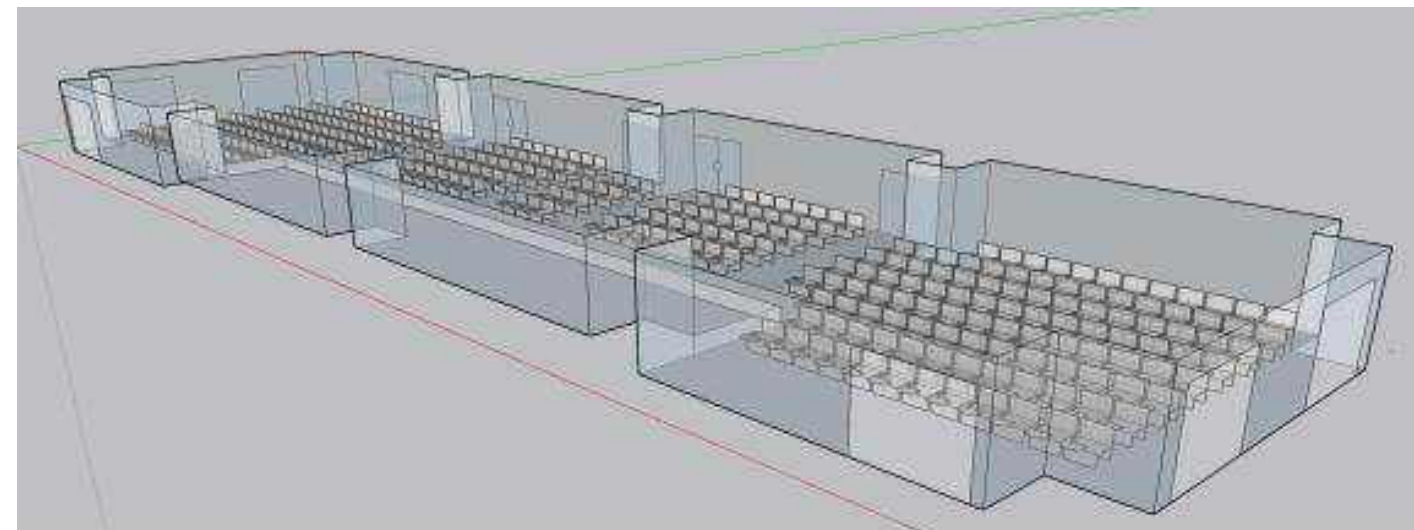
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# KEY PROJECTS



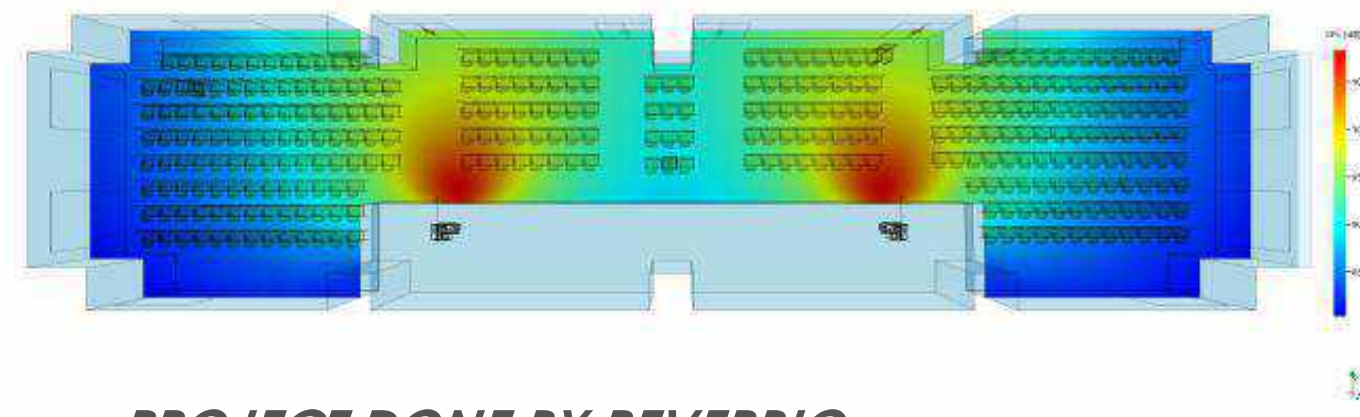
## ACOUSTIC DESIGN - MULTIPURPOSE HALL



**PROJECT :**  
**SRM TECH TOWER II -**  
**MPH**

**SERVICE:**  
**ACOUSTIC DESIGN**

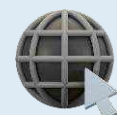
**SCOPE:**  
**REVERBERATION TIME**  
**ANALYSIS**



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# KEY PROJECTS



## ACOUSTIC VALIDATION- RESIDENTIAL BUILDING



### PROJECT :

LUXURY VILLA FOR ROYAL FAMILY, DUBAI

### SERVICE:

ACOUSTIC VALIDATION

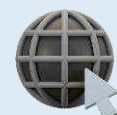
### SCOPE:

BACKGROUND NOISE (NC) ASSESSMENT &  
RECOMMENDATIONS FOR HVAC EQUIPMENTS

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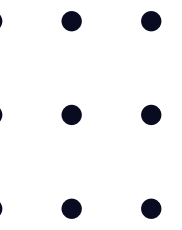
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# KEY PROJECTS



## POST BID ADVISORY- COMMERCIAL BUILDING



### PROJECT :

AL RAHA BEACH, COMMERCIAL BUILDING, RWB8, C1

### SERVICE:

POST BID ADVISORY

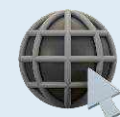
### SCOPE:

SILENCER SELECTION

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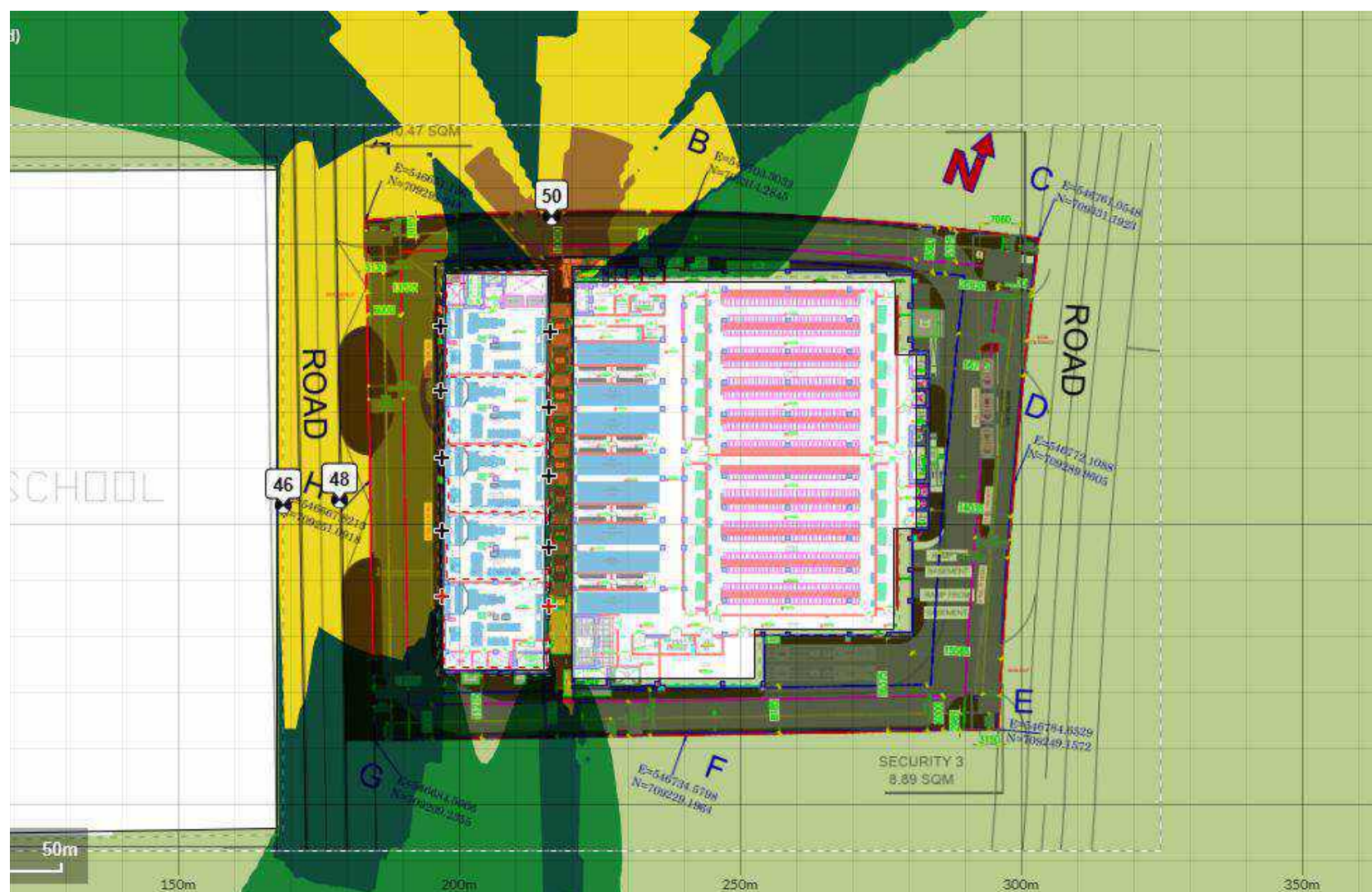
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# KEY PROJECTS



## ACOUSTIC VALIDATION - DATA CENTER



**PROJECT :**  
**DATA CENETR\_GENERATORS\_NOISE MAPPING**

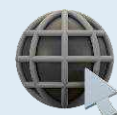
**SERVICE:**  
**ACOUSTIC VALIDATION**

**SCOPE:**  
**ENVIRONMENTAL NOISE MAPPING**

*PROJECT DONE BY REVERBIO*



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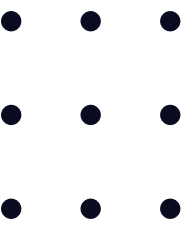
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# KEY PROJECTS



## HEAVY MACHINERY INSTALLATION - PRESSMATIC FACTORY



**PROJECT :**  
**PRESSMATIC ENGINEERS**

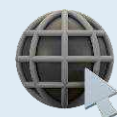
**SERVICE:**  
**HEAVY PUNCHING MACHINERY INSTALLATION**

**SCOPE:**  
**MACHINERIES SERVICES & INSTALLATION**

*PROJECT DONE BY REVERBIO*



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# KEY PROJECTS



At Reverbio, our experience spans a diverse range of acoustic design and consulting projects—executed independently, as sub-consultants under NDAs, and during prior employment with reputed firms & direct client engagement under Reverbio as well.



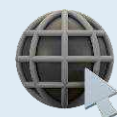
While some project details remain confidential, the visuals and technical snapshots presented here demonstrate the scope, depth, and performance of our contributions across room acoustics, sound isolation, MEP noise control, and environmental noise modeling.



Note: Project visuals are indicative of technical expertise carried by our consultants. Specific details can be shared upon request, subject to NDA terms.



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# KEY PROJECTS



## ACOUSTIC DESIGN-STADIUM



**PROJECT :**  
**JCDC STADIUM**

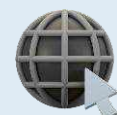
**SERVICE:**  
**ACOUSTIC DESIGN**

**SCOPE:**  
**RIBA STAGE 03 - ACOUSTIC REVIEW**  
**RIBA STAGE 04 - ACOUSTIC DETAILED DESIGN**  
**RIBA STAGE 05 - IFC DESIGN**

*PROJECT HANDLED BY OUR CONSULTANT IN PREVIOUS FIRM*



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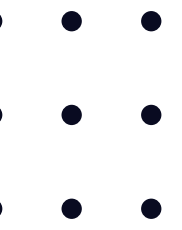
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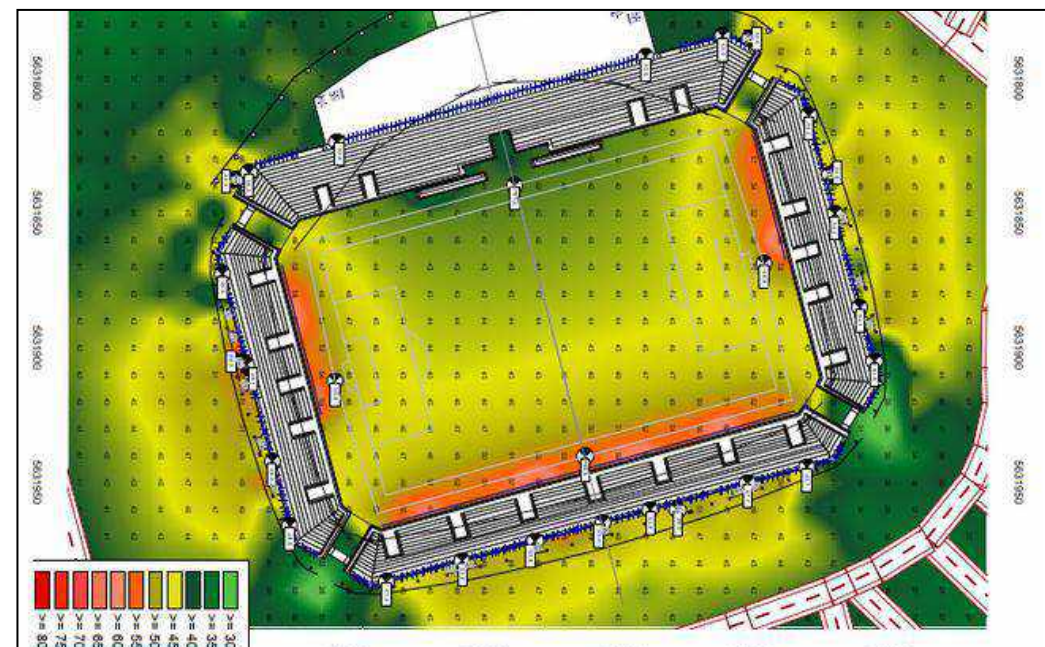
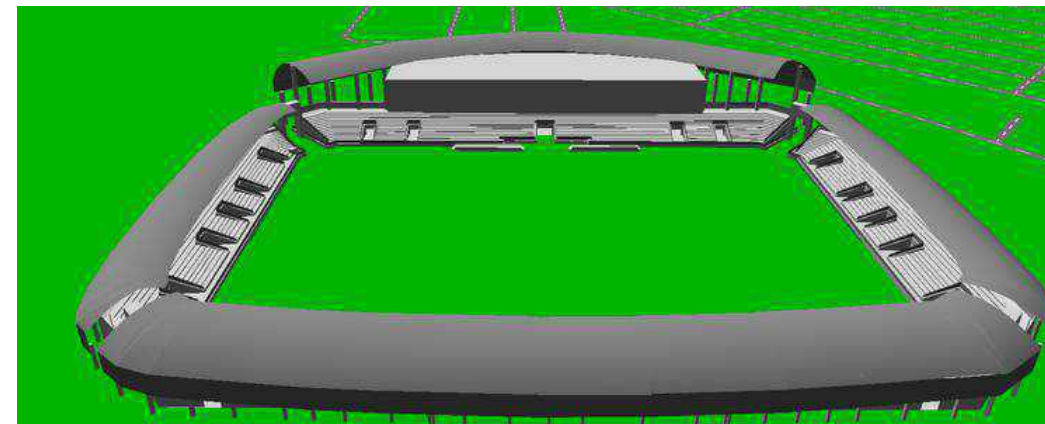
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# KEY PROJECTS



## ACOUSTIC VALIDATION-STADIUM



**PROJECT :**  
**AL DUHAIL STADIUM**

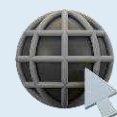
**SERVICE:**  
**ACOUSTIC VALIDATION**

**SCOPE:**  
**BACKGROUND NOISE ASSESSMENT**  
**ENVIRONMENTAL NOISE MAPPING**

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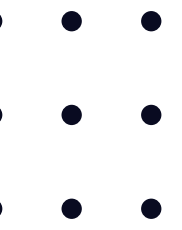
[www.reverbioacoustics.com](http://www.reverbioacoustics.com)



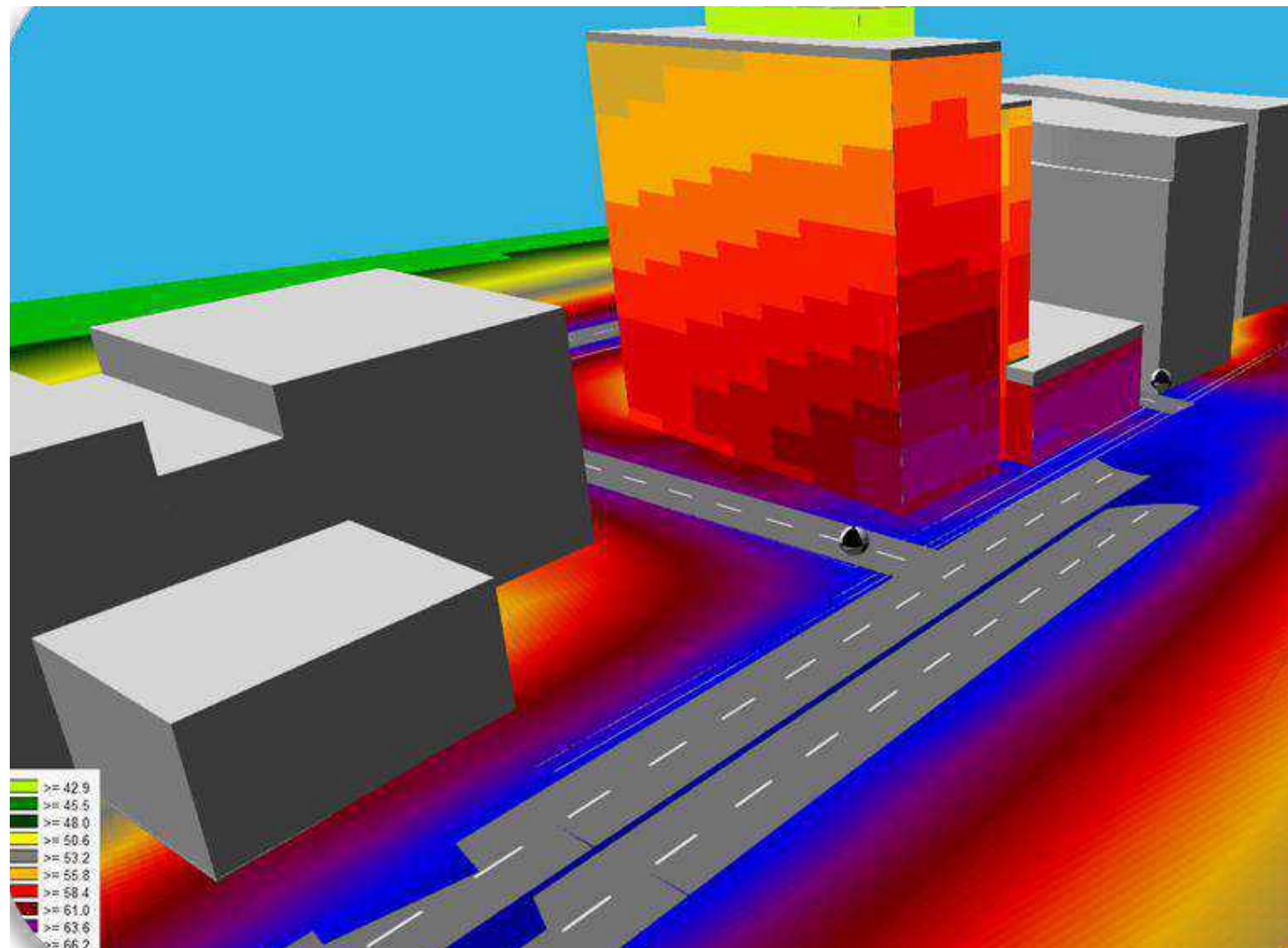
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# KEY PROJECTS



## ACOUSTIC DESIGN-OFFICE BUILDING



**PROJECT :**  
**ZYED OFFICE**

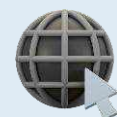
**SERVICE:**  
**ACOUSTIC DESIGN**

**SCOPE:**  
**SCHEMATIC DESIGN STAGE**  
**ENVIRONMENTAL NOISE MAPPING**

*PROJECT HANDLED BY OUR CONSULTANT IN PREVIOUS FIRM*



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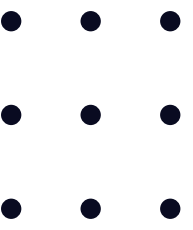
[www.reverbioacoustics.com](http://www.reverbioacoustics.com)



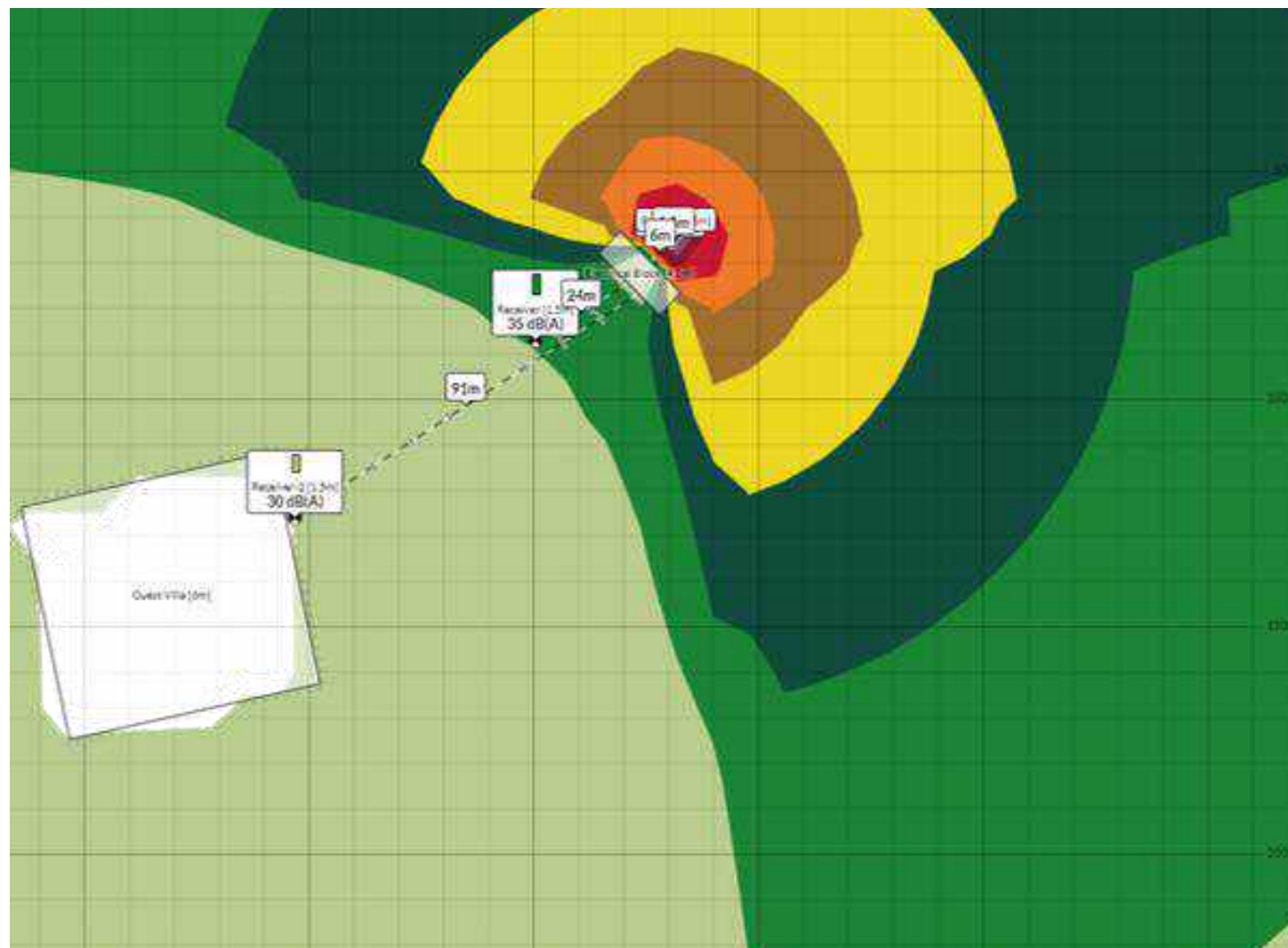
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# KEY PROJECTS



## ACOUSTIC DESIGN-VILLA



**PROJECT :**  
**GUEST VILLA**

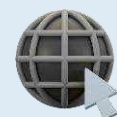
**SERVICE:**  
**ACOUSTIC DESIGN**

**SCOPE:**  
**ENVIRONMENTAL NOISE MAPPING**

*PROJECT HANDLED BY OUR CONSULTANT IN PREVIOUS FIRM*



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# KEY PROJECTS



## ACOUSTIC DESIGN-RESIDENTIAL BUILDING



### PROJECT :

**MBZ RESIDENTIAL BUILDING**

### SERVICE:

**ACOUSTIC DESIGN**

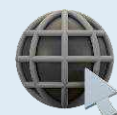
### SCOPE:

**CONCPET DESIGN STAGE TO  
TENDER DESIGN STAGE**

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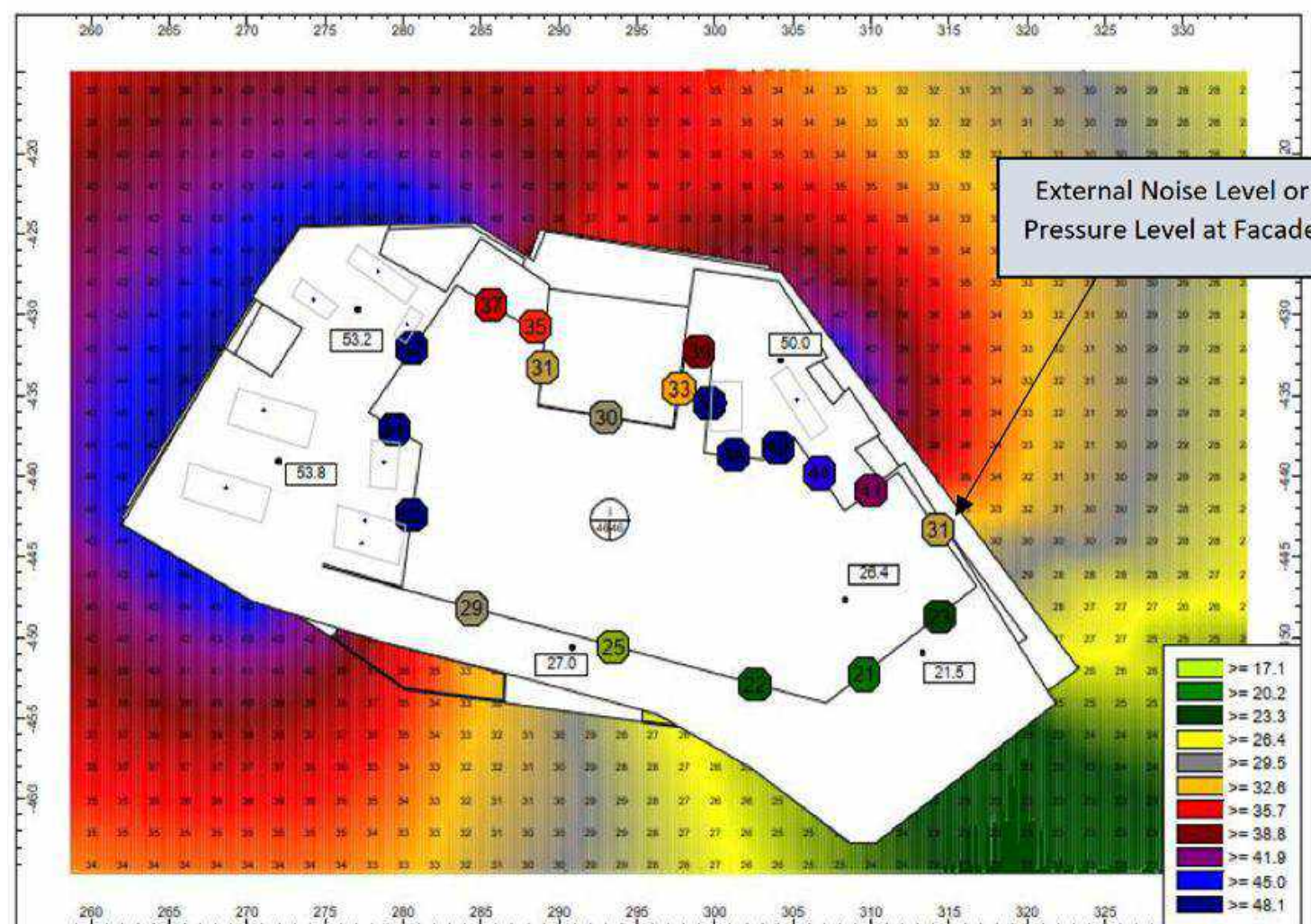
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# KEY PROJECTS



## ACOUSTIC DESIGN-RESIDENTIAL BUILDING



**PROJECT :**  
**AL FUTTAIM**

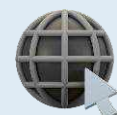
**SERVICE:**  
**ACOUSTIC DESIGN**

**SCOPE:**  
**ROOF COOLING TOWER NOISE MAPPING**  
**FACADE ACOUSTICAL DESIGN**

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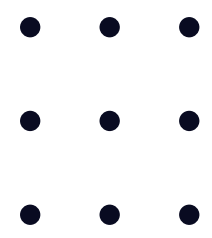
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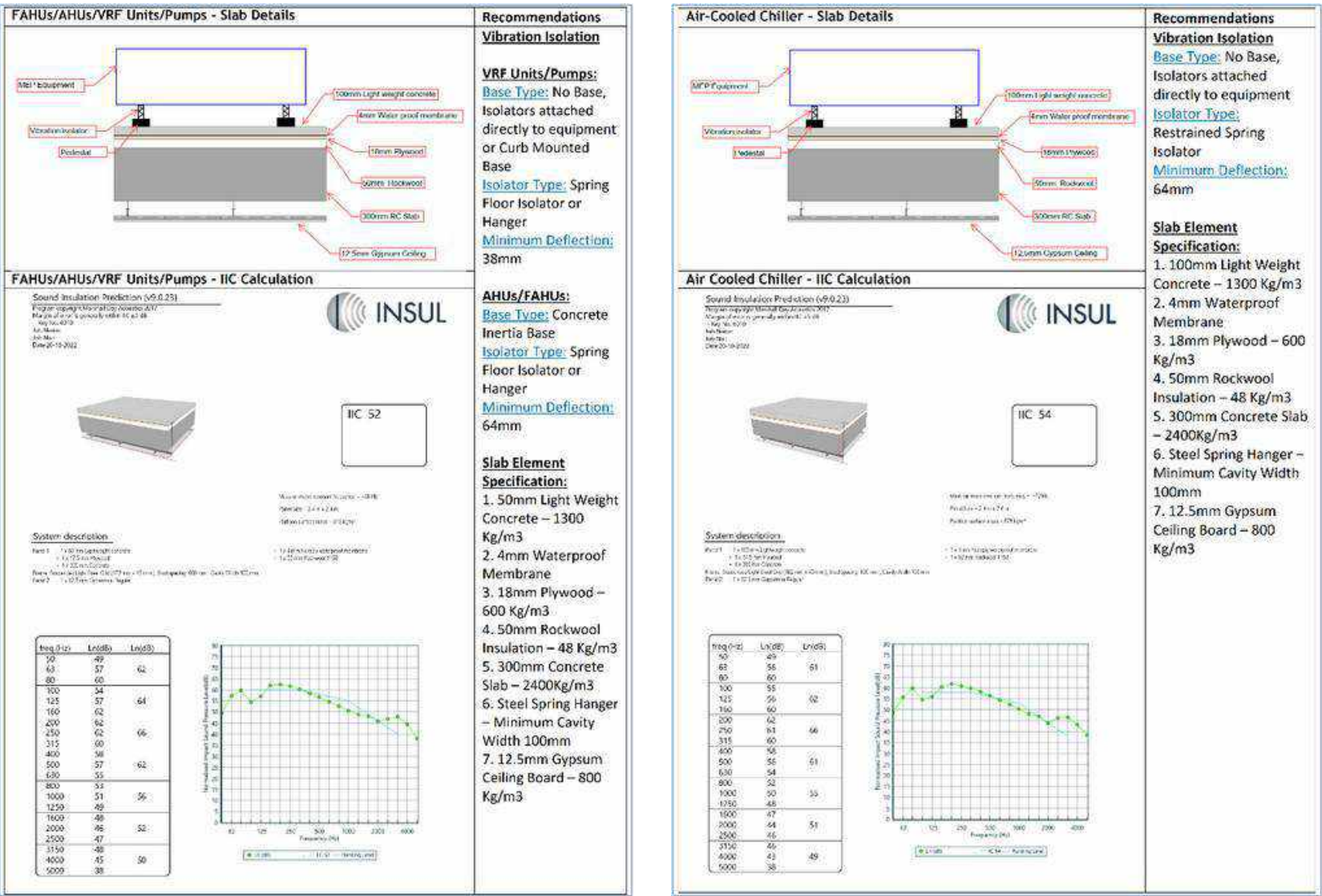
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# KEY PROJECTS



## ACOUSTIC DESIGN-RESIDENTIAL BUILDING



**PROJECT :**  
**AL FUTTAIM**

**SERVICE:**  
**ACOUSTIC DESIGN**

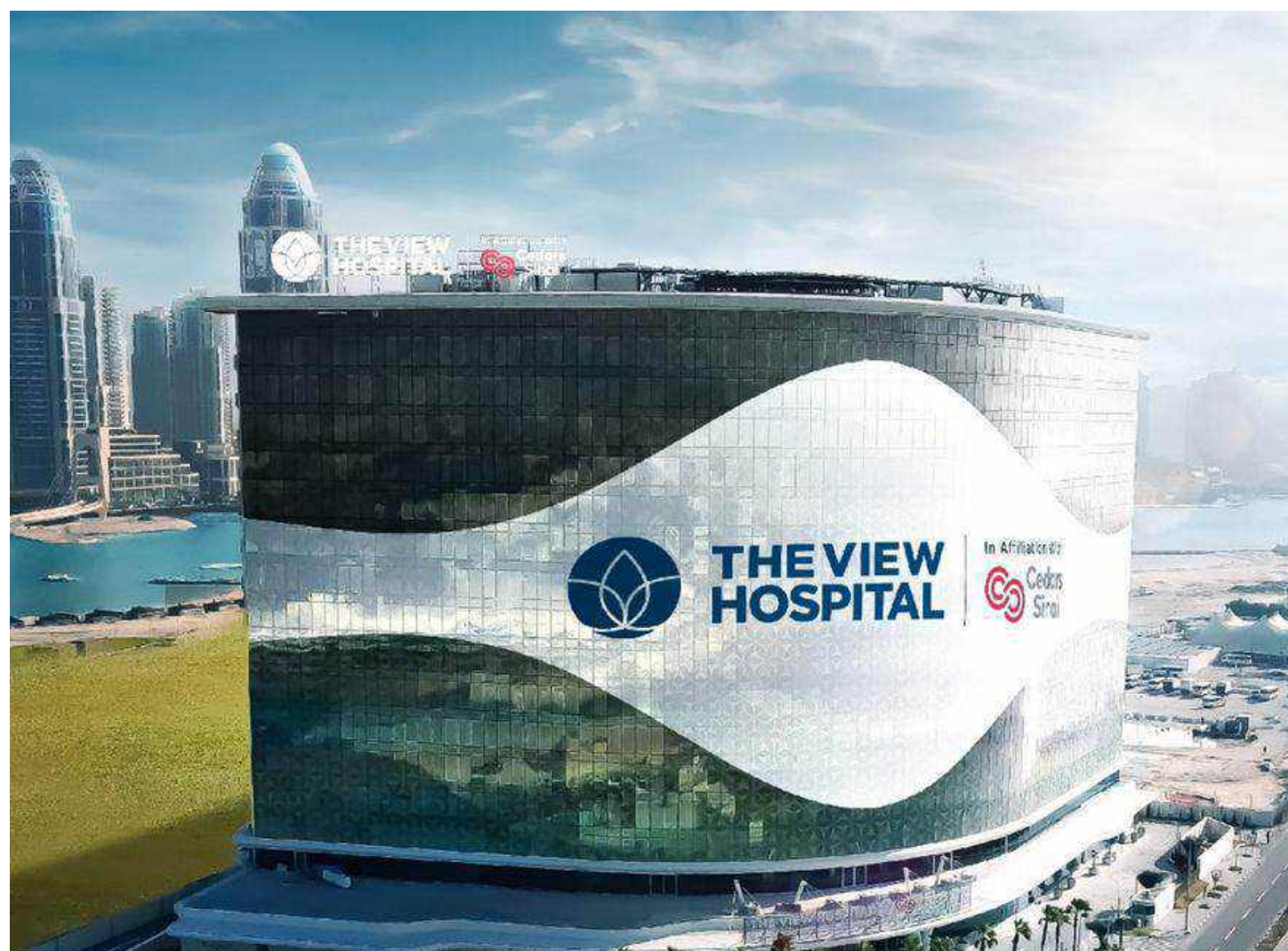
**SCOPE:**  
**ROOF COOLING TOWER FLOOR IMPACT ASSESSMENT**  
**ARCHITECHTURAL ACOUSTIC DESIGN**

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# KEY PROJECTS



## ACOUSTIC DESIGN-HEALTH CARE BUILDING



**PROJECT :**  
**THE VIEW HOSPITAL**

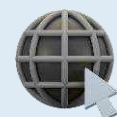
**SERVICE:**  
**ACOUSTIC DESIGN**

**SCOPE:**  
**SCHEMATIC DESIGN STAGE TO  
DETAILED DESIGN STAGE**

*PROJECT HANDLED BY OUR CONSULTANT IN PREVIOUS FIRM*



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# KEY PROJECTS



## ACOUSTIC VALIDATION-HOTEL



### PROJECT :

HOLIDAY INN & RESIDENCES AND HILTON GARDEN INN & EMBASSY SUITES

### SERVICE:

ACOUSTIC VALIDATION

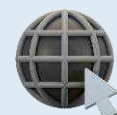
### SCOPE:

BACKGROUND NOISE ASSESSMENT  
ARCHITECTURAL ACOUSTICS

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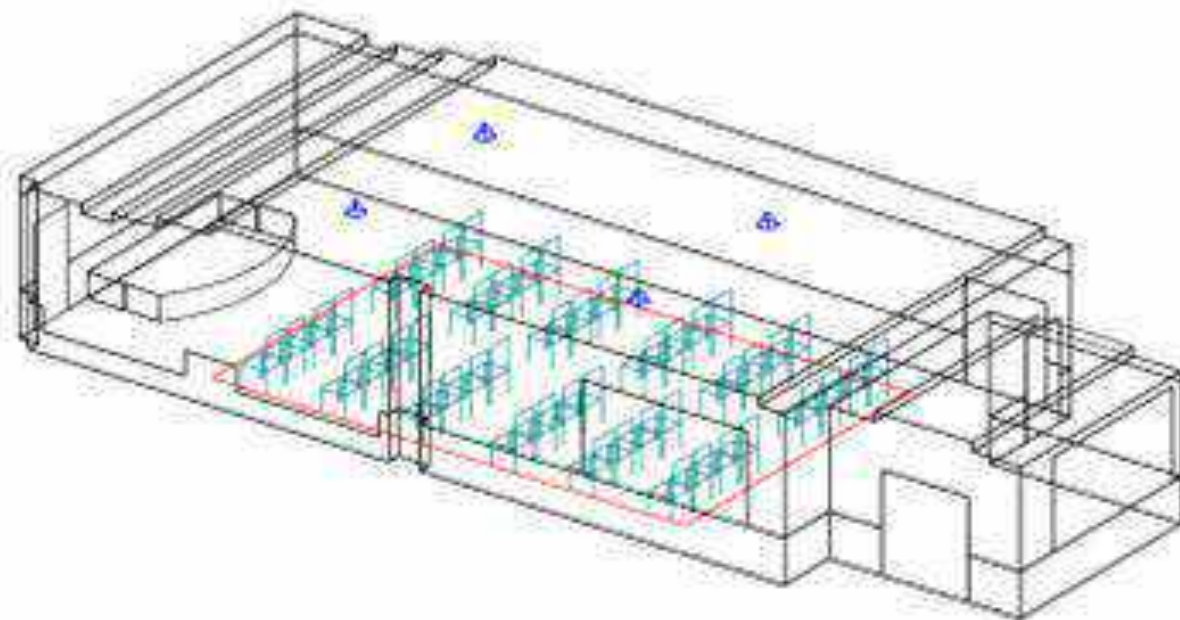
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# KEY PROJECTS



## ACOUSTIC VALIDATION-MULTI PURPOSE HALL



(a) 3D Perspective Multi-purpose Hall

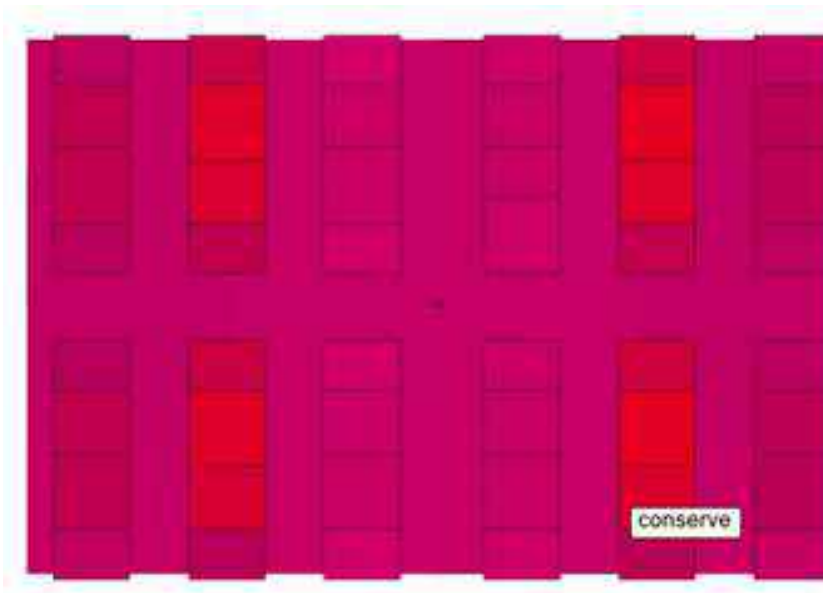
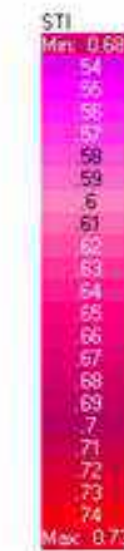


Figure 2 - Sound transmission index simulation



**PROJECT :**  
**MULTIPURPOSE HALL**

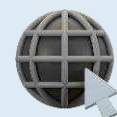
**SERVICE:**  
**ACOUSTIC VALIDATION**

**SCOPE:**  
**SOUND TRANSMISSION INDEX  
ASSESSMENT**

*PROJECT HANDLED BY OUR CONSULTANT IN PREVIOUS FIRM*



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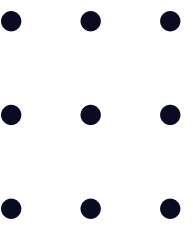
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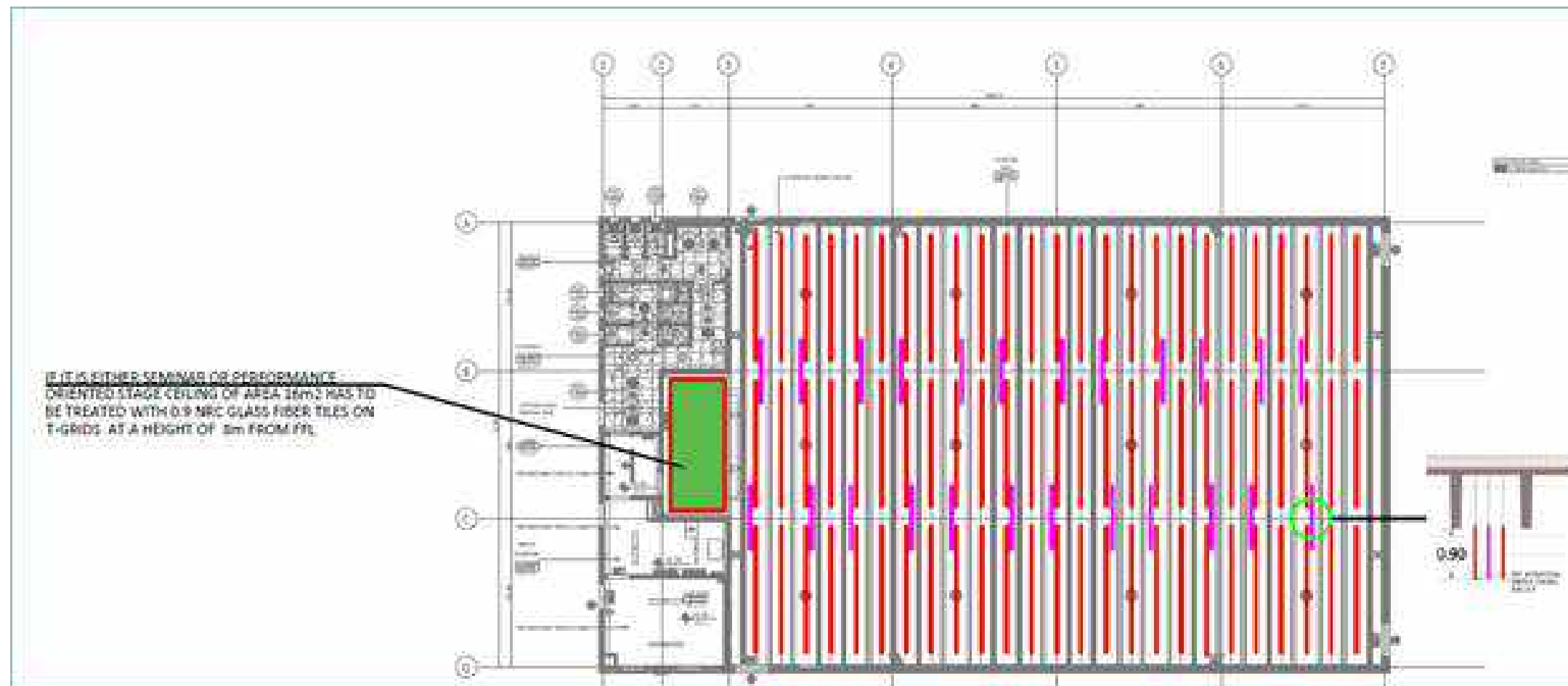
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# KEY PROJECTS



## POST BID ADVISORY-SCHOOL



**PROJECT :**  
**PPP TATWEER SCHOOL**

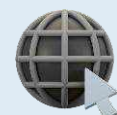
**SERVICE:**  
**POST BID ADVISORY**

**SCOPE:**  
**REVERBERATION TIME ASSESSMENT**

*PROJECT HANDLED BY OUR CONSULTANT IN PREVIOUS FIRM*



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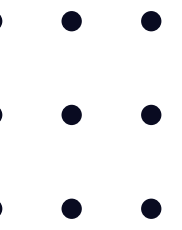
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# KEY PROJECTS



## ACOUSTIC DESIGN-SCHOOL



### PROJECT :

**AN NAJAH BUSINESS & EDUCATIONAL UNIVERSITY**

### SERVICE:

**ACOUSTIC DESIGN**

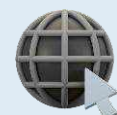
### SCOPE:

**CONCEPT DESIGN TO TENDER DESIGN**

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# OUR CASE STUDY



## Challenge:

A beach-facing resort experienced noise complaints from nearby residents (50–500m away) due to high-volume sound reinforcement systems used during events.

## Scope:

- Outdoor noise control study
- Recommendations & specifications

## Key Observations:

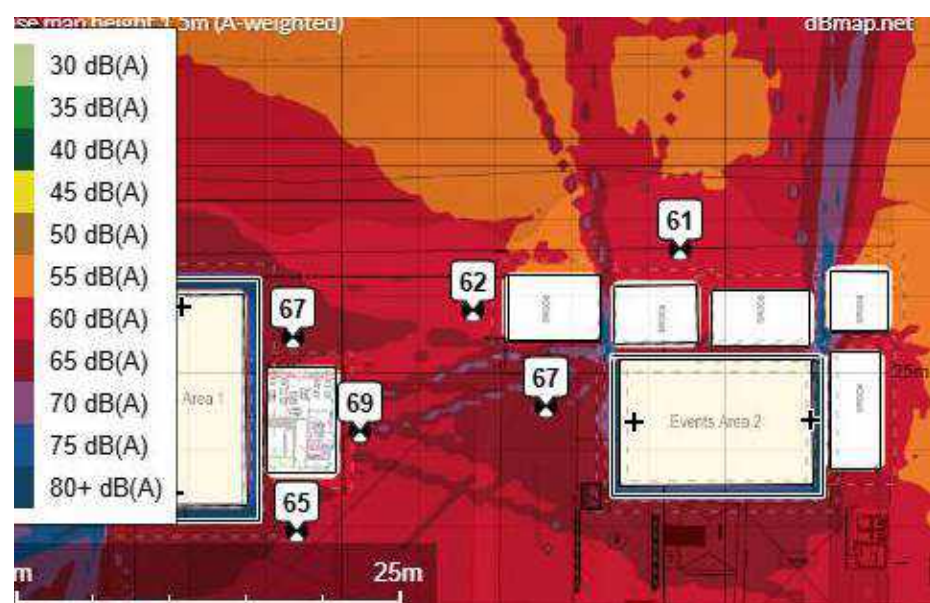
- Two event areas located near sensitive zones (restaurant & resort rooms)
- SPL readings reached 84–85 dBA at 3m from event areas

## Solutions Proposed:

1. Permanent Acoustic Barrier – 6m high structure reducing SPL by ~20–25 dBA
2. Mobile Receiver-Side Barriers – Flexible positioning, ~20–25 dBA reduction
3. Sound Level Management – Sound limiters (80–85 dB), speaker reorientation, directional speakers, subwoofer enclosures

## Outcome:

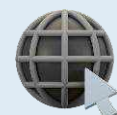
Effective noise mitigation strategies designed to protect guest comfort without compromising the beach-view ambience.



*REVERBIO CASE STUDY*



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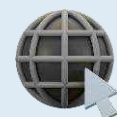
# WHY CHOOSE US



- ✓ **Tailored solutions**  
*No one-size-fits-all approach*
- ✓ **Data-Driven Design**  
*Backed by cutting edge simulations & calculations for optimal results*
- ✓ **Sustainability focus**  
*Acoustic comfort with environmental responsibility*
- ✓ **Proven Experience**  
*5+ years across sectors*
- ✓ **Client centric approach**  
*Transparent, responsive, results-driven*



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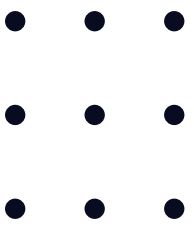
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# GET IN TOUCH



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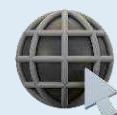
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# THANK YOU

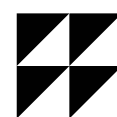


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*We look forward to working with you and bringing positive change through our superior services.*

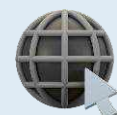
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