

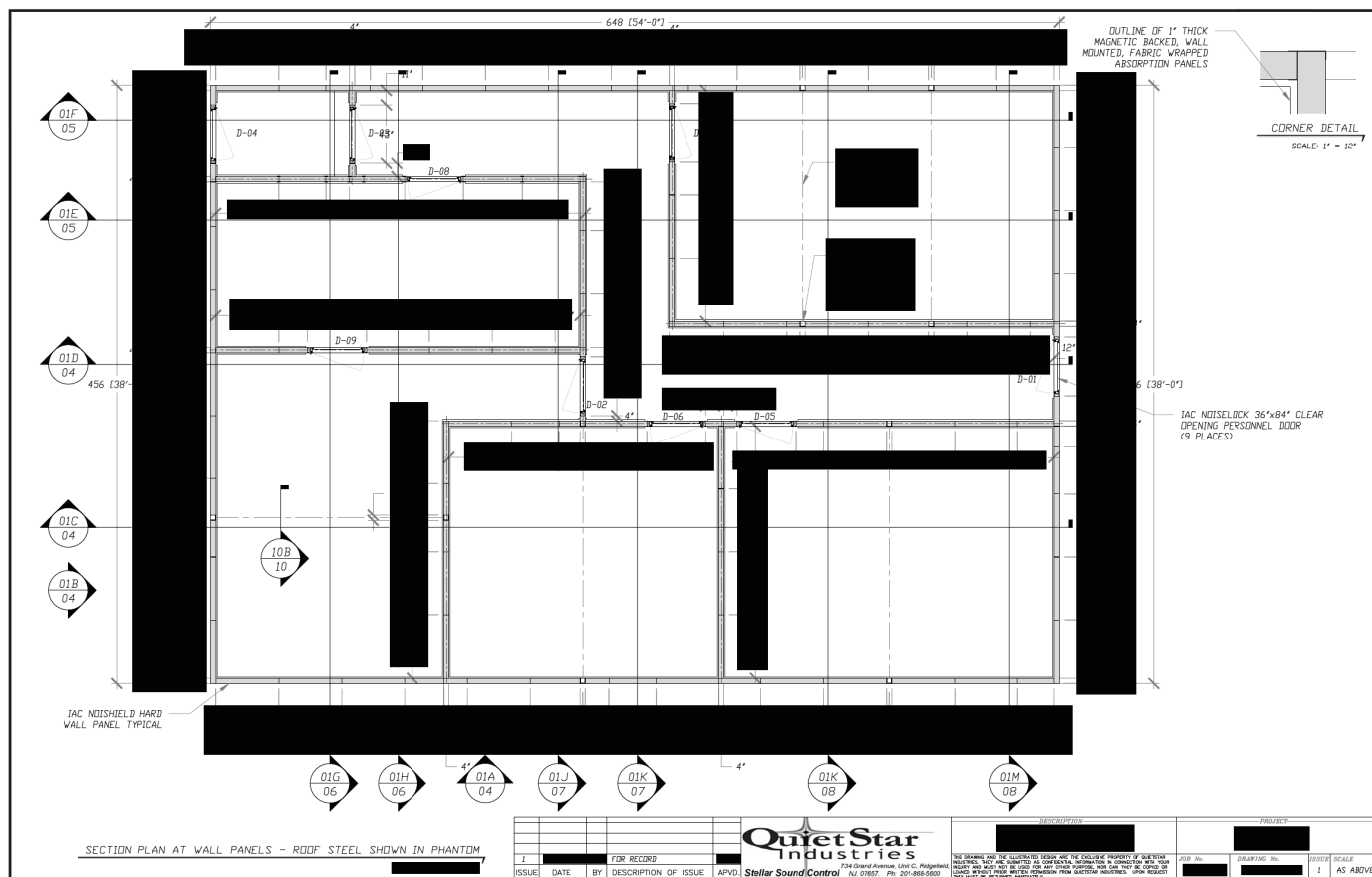


CASE STUDY

NUMBER FIVE

CLIENT REQUIREMENTS

- 38' x 54' Secure Facility
- ICD 705
 - Forced entry
 - Acoustic requirement
 - Tempest requirement
- Architectural finish for executive appointment
- Unique design requirements:
 - Stand-alone building in existing warehouse space



OPPORTUNITY

IN THIS INSTANCE, AN INTEGRATOR REACHED OUT TO QUIETSTAR WITH THE OPPORTUNITY. THEY ASKED QUIETSTAR TO PROVIDE:

- **Design & Engineering Services**
 - **Thorough Submittal Package**
 - **IAC Acoustics Sentry® Secure Facility**
 - Panels & joiners
 - Special RF/Tempest details on panels & joiners
 - Noise-Lock® Doors
 - Door hardware
 - Sentry HVAC Silencers
 - **Lamvin Sonic Wall Finishes**
 - 1" Sonic Panels®
 - Full height
 - Covering all walls
 - Guilford of Maine Anchorage fabric
 - Magnets – to mount to the IAC panels with no penetration
 - **Carpet**
 - **Structural Calculations**
 - **Structural Steel**
 - **PE Stamp**
 - **Installation Oversight**
 - **Field Validation**
(utilizing acoustic camera)
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INTEGRATOR OPPORTUNITY

THE INTEGRATOR PROVIDED THE CLIENT:

- **Construction Security Plan development**
- **Fixed facility checklist development**
where applicable
- **TEMPEST requirements checklist development**
- **Necessary forms and preprocessing information**
- **Documentation preparation and support**
for Client/Government Accrediting Agency
- **All documentation on flash media or as**
specified by client/government AO
- **The Enclosure with QuietStar details**
- **Intrusion Detection System**
- **Communication / data**
- **Waveguides**
- **Electrical**
- **Split Systems**
- **On site project & construction management**
- **Fire suppression**
- **Installation / Construction**
- **Turn over / Representation through the**
accreditation process
- **Construction photos where applicable and allowed**
- **Checklist(s)**
- **Post-construction survey**
- **Pre-construction and post-construction walk-through**

RESULTS

QuietStar Secure worked closely with the ICD 705 Subject Matter Experts / Integrators to complete this project. The room met all unique requirements and exceeded the base requirements of 40dB RF and NIC 45. The client has a comfortable workspace with good aesthetics and high performance. The room can be removed with no damage or impact on the client's home.



Photos shown are not project specific

