

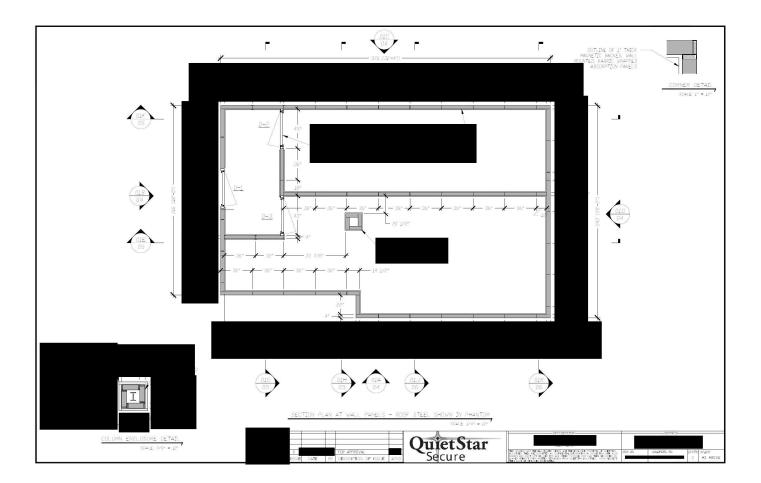
# CASE STUDY

## NUMBER SIX

#### **CLIENT REQUIREMENTS**

- 31'-4" x 22'-12" Secure Facility
- ICD 705
  - Forced entry
  - Acoustic requirement
  - Tempest requirement

- Architectural finish for executive appointment
- Unique design requirements:
  - Upper floor required all material into small elevator
  - Union labor for installation



#### **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<sup>®</sup> Secure Facility
  - Panels & joiners
    - Special RF/Tempest details on panels & joiners
  - Noise-Lock<sup>®</sup> 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

- Union Labor
- Carpet
- Structural Calculations
- Structural Steel
- Installation Oversight
- Field Validation (utilizing acoustic camera)

### **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 leased space.

