

Red Five offers a suite of Safe Room Services, from threat assessment and design to commissioning and end-user training. A Safe Room is a hardened structure designed to protect occupants and assets from a variety of natural hazards, intrusion, and ballistics. Red Five's Safe Room process is tailored specifically to the needs of each Client.

The Red Five Safe Room lifecycle occurs in four phases:

- 1 Threat and Feasibility;
- 2 Design and Risk;
- 3 Consultation (during implementation and construction); and
- 4 Emergency Action Plans and Training.



INCLUDED SERVICES:

The full Safe Room Design and Consulting Services package includes:

1. Limited Scope Threat Statement
2. Feasibility Memoranda (Structural, Tactical, Operational)
3. Technology Basis of Design Memorandum
4. Design
5. Risk Assessment
6. Standard Operating Procedures (SOPs)
7. Construction
8. Commissioning
9. Insurance/Underwriting
10. Emergency Action Plans (EAPs) and End-User Training

SAFE ROOM DESIGN AND CONSULTATION



SAFE ROOM SERVICES

PHASE 1: Threat & Feasibility

Limited Scope Threat Statement: The Limited Scope Threat Statement assesses the particular threats that could impact the residence, the Client's assets to be protected by the Safe Room, and/or the Client themselves. The Threat Statement will utilize open source research and interviews to analyze hazards and intentional threats that the Safe Room should protect against, such as natural disasters and crime. All subsequent work will be informed by the Threat Statement.

Feasibility Memoranda (Structural, Tactical, Operational): The Feasibility Memoranda will assess the structural, tactical, and operational feasibility of the Safe Room to meet the Client's desired level of protection from fire, intrusion, and ballistics, and will inform the Safe Room design. The Feasibility Memoranda will assess the location/room chosen for the Safe Room and identify any vulnerabilities/issues with the designated location. The Memoranda will inform the Client about what the Safe Room can reasonably protect against, and what design elements will be required for that protection.



PHASE 2: Design and Risk

Technology Basis of Design Memorandum:

The Technology Basis of Design will inform the technological aspects of the Safe Room, such as video surveillance and communications. This memo will identify the technological capabilities of the Safe Room needed to protect the assets and/or occupants inside, communicate with the outside world, including law enforcement, and integrate with any other security systems in the residence.

Design: The Safe Room design drawing will detail the building specifications of the Safe Room to be referenced by the builder. The Design will be informed by the Threat Statement, Feasibility Memoranda, and Technology Basis of Design, and design a Safe Room based on Client specifications



Risk Assessment: The Risk Assessment will analyze the design, desired protection parameters, and capabilities of the Safe Room to protect people and/or assets against threats. The assessment will detail what exactly the room, as designed, will and will not protect against. The Assessment will also make recommendations to address identified protection gaps.

Standard Operating Procedures (SOPs): Red Five will compose Standard Operating Procedures (SOPs) for the proper utilization of the Safe Room, to include security doors and communication systems.

PHASE 3: Consultation (during Construction and Implementation)

Construction: Red Five will provide consultation to the Client and builders during the construction phase, as needed. Red Five will answer questions about design and materials as the room is built.

Commissioning: Red Five will help commission the Safe Room construction based on comparison of design documentation and in-person inspection.

Insurance/Underwriting: Red Five will assess the Safe Room for insurability, as desired by the Client. This study will consider threats, protections, and design and construction of the Safe Room.

PHASE 4: Emergency Actions Plans (EAPs) and Training

Emergency Action Plans (EAPs) and Training: Red Five will create Emergency Action Plans (EAPs) for the user/homeowner based on most-likely scenarios requiring use of the Safe Room. The EAPs will provide procedures and instructions for the user/homeowner to follow in the event the Client needs to utilize the Safe Room. Red Five will also conduct basic training for the user/homeowner regarding Safe Room utilization during an emergency.

