

State Use 101
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The diagram shows a building layout with the following rooms and dimensions:

- EFP (Equipment Room):** A square room with side lengths of 14 and 14. The area is calculated as $14 \times 14 = 196$.
- FFL BMT (Fire Fighting Lobby/Breakout Room):** A large rectangular room with a width of 36 and a height of 37. The area is calculated as $36 \times 37 = 1332$.
- QFP (Queueing Room):** A rectangular room with a width of 19 and a height of 5. The area is calculated as $19 \times 5 = 95$.
- GAR (Garage):** A rectangular room with a width of 22 and a height of 24. The area is calculated as $22 \times 24 = 528$.

The total area of the building is the sum of the areas of these rooms: $196 + 1332 + 95 + 528 = 2151$.