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Bassoul Wissam (M.Sc)
Consultation, Planning and
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[emblem]

Civil Engineering and
Constructions

July 1, 2014

To:
Adv. Sigi Ben Ari
HaMoked: Center for the Defence of the Individual

**Re: Demolition of a Residential Building in Idhna, (West Bank)
Block 2, Parcel: 114**

Following your inquiry regarding the option of demolishing the captioned home using explosives, I note the following:

1. As indicated in my opinion of June 30, 2014, the roofs of the structure are constructed monolithically with a continuous static scheme.
2. Demolition using explosives may cause cracks and severe damage to the half of the building that is not slated for demolition.
3. Additionally, the sub-structure that is slated for demolition is located in a densely populated area and close to structures and property belonging to other parties. Demolition using explosives may cause shocks and tremors in the vicinity and its effects may cause cracks in adjacent structures.
4. During the demolition of the ceiling of the first floor of the residential [unit], the ceiling may collapse onto the ceiling underneath, and, the load created by the demolition is an overload for the ceiling beneath, which would lead to the collapse of the ground floor ceiling (this is known as "progressive collapse").

For your attention,

Respectfully,

[stamp: Bassoul Wissam,
Consultation, Planning and Supervision]

[signed]

**Wissam Bassoul,
Structural Engineer**