

## **DEMOLITION BY EXPLOSIVES**

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Demolition by explosives of components of a structure may be considered as outlined below. Where the demolition of an entire building is requested by explosives, approval will be required by City Council in addition to these requirements.

Demolition by explosives will only be considered provided the contractor files a request with Building Standards and submits the necessary information, and provided the work is carried out in accordance with the regulations under the CSA Standard S350-M1980, "Code of Practice for Safety in Demolition of Structures." A building permit is required from Building Standards prior to demolition work being carried out. Details of the extent of demolition by explosives shall be provided to Building Standards. The contractors using or handling explosives shall have a blasting certificate as issued by the Provincial Department of Labour.

The contractor is to engage a Professional Engineer or Registered Architect licensed in Saskatchewan to evaluate and report on the effect of the use of explosives on:

1. Rest of the structure;
2. Building services which may be under floor slabs or contained within the building;
3. Underground and overhead services on this property, adjacent properties and City of Saskatoon right of ways;
4. Adjacent structures and occupants of same;
5. Hazards to the public from flying debris, etc.;
6. Noise effects of the demolition; and
7. Amount of dust that may affect the public and adjacent properties.

Should the engineer or architect identify a potential undesirable effect with the use of the explosive, the engineer or architect shall also specify what safety precautions are necessary to eliminate such effect.

The contractor is responsible to notify all property owners in the area of the intended use of explosives. Where precautions are required, the affected property owners shall be made aware of same by the contractor. Where precautions are required to protect the public or services on the City of Saskatoon right of way, the contractor shall give notice to the Transportation and Utilities Department well in advance of the use of the explosives and the measures being taken. The contractor is responsible to ensure that he Mine and Safety Division of the Occupational Health and Safety Office, Department of Labour; the Chief of Police, the General Manager of Transportation and Utilities Department, the Director of the Building Standards, the Fire Chief, and the responsible engineer or architect are notified prior to the blasting being carried out, specifying the date and time of the blasting.

Measures shall be taken to limit the noise level, flying dust and debris.

The contractor and the owner of the property shall be fully responsible for all damages and clean up all debris immediately after the blasting.