

**From:** mike@alliance.engineer  
**Sent:** Tuesday, 11 July 2023 20:45  
**To:** SRamsunder@illovo.co.za  
**Cc:** vmadikizela@illovo.co.za; NGeoffrey@illovo.co.za  
**Subject:** Re: 75 - Demolition Method Statement

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Hi Shaun,

Please see my responses to Nicole's points below:

1. Will it be a Phased demolition? The demolition contract will be executed within the space of 4 to 6 weeks working on a shift basis. I would not term it as phased demolition.
2. Can we Retain the base of the stack up to above the row of corbelled brick work (see photo attached). The new steel chimney stack is likely to be built on the top of the existing civil foundations (currently  $\pm 500\text{mm}$  below ground level) of the masonry stack. Therefore the base cannot be retained.
3. If (2) cannot be achieved, then a motivation is to be submitted as to why the base cannot be retained. The base cannot be retained and the existing foundation will be utilised to support the new stack. A new foundation cannot be built alongside the existing masonry stack as this will add an additional 10 to 16 weeks to the project time line and require excavation adjacent to the existing stack in order to construct the new foundations in the time frame required. Any excavation adjacent to the existing stack has been recommended against by several civil engineers as this may destabilise the existing stack and cause an uncontrolled collapse of the chimney stack.

Is there any additional motivation required for point 3? I am always happy to have a call with Nicole if required.

Kind regards,



**Mike Quenet**  
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**From:** SRamsunder@illovo.co.za <SRamsunder@illovo.co.za>  
**Date:** Tuesday, 11 July 2023 at 14:39  
**To:** mike@alliance.engineer <mike@alliance.engineer>  
**Cc:** vmadikizela@illovo.co.za <vmadikizela@illovo.co.za>, NGeoffrey@illovo.co.za <NGeoffrey@illovo.co.za>  
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Hi Mike,