

Mr & Mrs P. Cassegrain  
234 Bushlands Drive  
Wauchope NSW 2446

11 December 2019

Ms. Melissa Anderson  
Major Projects  
NSW Department of Planning, Industry and Environment  
GPO Box 39  
SYDNEY NSW 2001

Dear Ms. Anderson

**RE: HANSON QUARRY EXPANSION – APPLICATION NO. 7293**

My wife and I are the closest residents to the Sancrox Quarry and we live on Bushlands Drive. We experience noise and dust from the existing quarry plant at our house and this has been happening for as long as I can recall.

We have not been through all of the documentation but wanted to make some key submissions on the proposed expansion of the quarry:

**Noise**

Our house is approximately 600 metres from where the new crushing plant will be.

We object to having an operation like this going 24 hours a day, 7 days a week as per the application. It is not appropriate in our rural/residential area.

We query whether or not the new crushing plant can be enclosed for noise and dust reduction like plants in other areas have been. Attachment 1 shows an enclosed plant example.

It is not clear from the documentation that the proposed bund wall on the Southern boundary of the quarry will stop the noise that will be generated. Attached at 2 are photos looking from our house towards the Southern edge of the quarry.

Also attached at 3 is a section created by King & Campbell to try to ascertain if there will be direct sight and as such direct sound from the crushing plant. If the crushing plant was enclosed and operated during normal business hours we would feel better about it.

**Dust**

The volume of dust that our house receives is substantial. Again, if the crushing plant was enclosed it might reduce the dust issue on surrounding properties.

I believe that there is little to no modelling of air quality for the current and proposed quarry and given dust is a significant issue for us I request this be addressed.

Dust should be kept within the quarry property boundaries.

### **Vibration**

We feel blast vibrations at our house. I have been told that the level of vibration is no risk to us at our location but given the distance we are away from the pit I would have thought that we would not feel vibration at our house.

### **Visual Amenity**

None of the photographs or analysis of visual amenity give us confidence that we will not see the quarry operations in the future. Attached at 2 are the photos from our house and we would prefer to not have to see any future quarry operations from our house.

We have asked King & Campbell to examine this for us but they are unable to confirm whether or not we will be affected in the future and we request this be confirmed or conditions placed on any approval to require a visual screen with certainty for residents along Bushlands Drive. Attached at 3 is a section that King & Campbell has produced for us. We request confirmation that none of the proposed quarry operations will be visible from our house.

### **Groundwater**

The groundwater drawdown maps show an impact on our property and a drawdown of some 4 metres or so. Given the distance we are away from the quarry we would have expected no impact to groundwater on our property. We do not understand how this could be permissible or acceptable.

In addition, between us and the quarry is Fernbank Creek and we question what these levels of drawdowns will do to Fernbank Creek. We believe the groundwater impacts are unacceptable.

### **Scale**

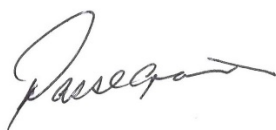
We have no objection to the quarry continuing at the same level of operation that it is now during normal business hours. The proposed scale of the expanded quarry operating 24/7 is neither justified nor appropriate for this location. If there is such a need for this level of material 24 hours a day then the operation should move to a different location (i.e. to Bago where Hanson own another resource) that is not in the middle of all these other land uses.

### **Community Consultation**

We were aware of the intention to expand the quarry but many of our neighbours were not. We do not believe the consultation process was appropriate given the scale of development proposed. If there is a revised proposal then this should be taken through a proper consultation process.

We can be contacted [pcassegrain@hotmail.com](mailto:pcassegrain@hotmail.com)

Yours Sincerely,



Patrick and Denise Cassegrain

ATTACHMENT 1



(crushing and screening plant is fully enclosed to minimise noise and dust)



ATTACHMENT 2

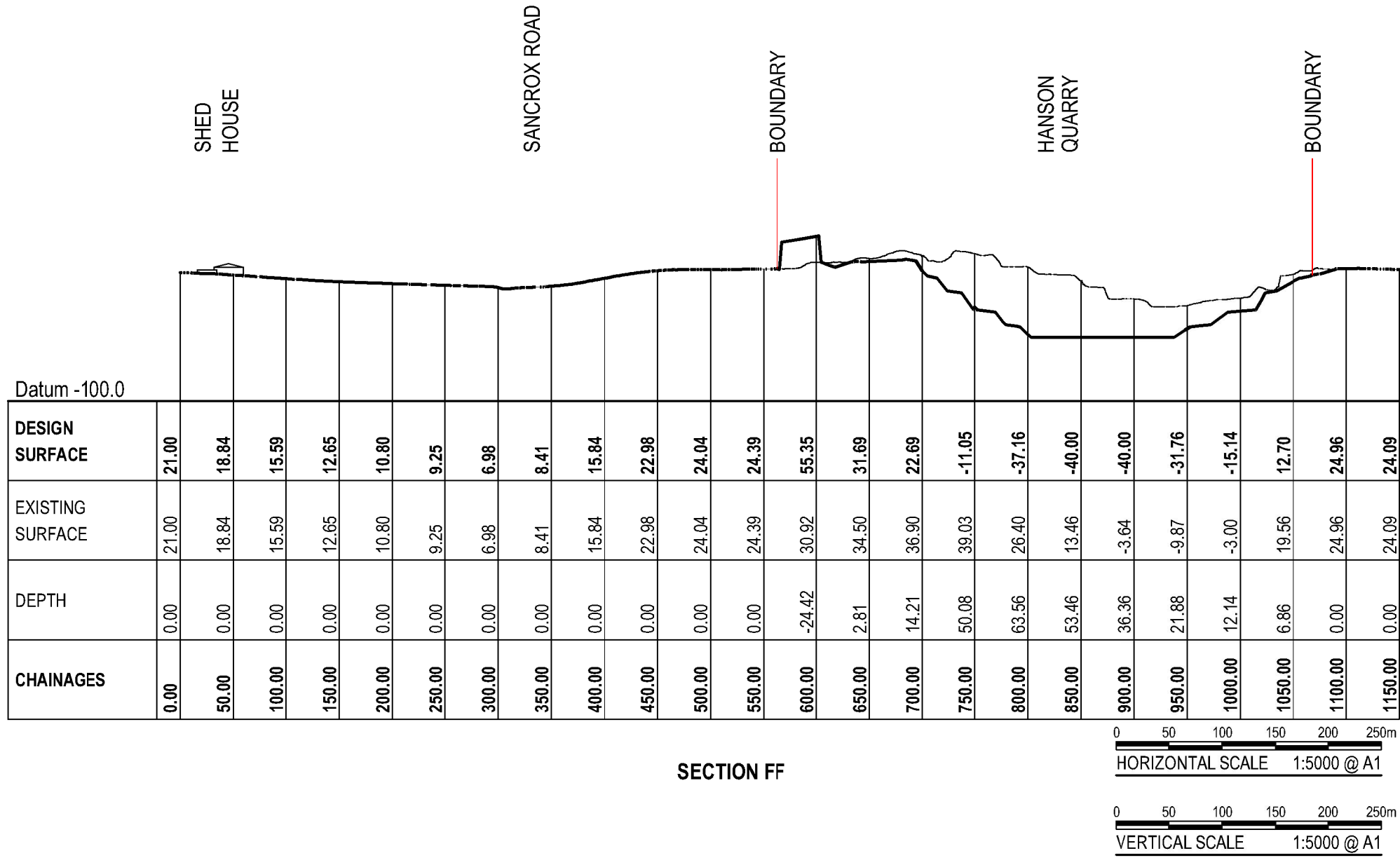








ATTACHMENT 3



- LEGEND
- 10 SURFACE CONTOURS (10m MAJOR CONTOUR INTERVALS)
  - SURFACE CONTOURS (1.0m MINOR CONTOUR INTERVALS)

- NOTES
- THIS PLAN HAS BEEN PREPARED FROM PUBLIC STATE GOVERNMENT & PMH COUNCIL SUPPLIED GIS MAPPING INFORMATION. IT IS SUITABLE ONLY FOR THE PURPOSE OF BROAD AREA SITE ANALYSIS AND STRUCTURE PLANNING. ALL SITE ANALYSIS AND PROPOSALS ARE SUBJECT TO DETAILED SITE SURVEY AND PLANNING ASSESSMENT AND DEVELOPMENT APPROVAL PROCESSES.
  - THE COORDINATES ADOPTED ARE MGA ZONE 56 COORDINATES AND GRID DISTANCES.

