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July 10<sup>th</sup>, 2016

Dear Robert,

Re: Letter dated June 28, 2016, MEPA reference PA/03604/15, your Ref FWA04

This letter intends to address the requirements noted in MEPA's letter of June 28, 2016, Development Planning Act, 2016 Request for Information regarding the lighting report requested.

The lighting for St. Thomas tower is designed in such a way that there is enough lux level in all areas relative to the particular use of the space. A minimum level of intervention on the tower structure is a requirement in the lighting design and placement.

The spaces and their uses within the tower are varied and have different structural features therefore, lux levels and the physical placement of light fixtures is dependent on the structural limitations of the particular space.

In the multi-level hall, light fixtures are designed and positioned such that these are fixed to the new metal structures and where no such structures were available, indirect lighting will be used to attain enough light for safe movement. In the other hall, indirect lighting will utilise the ceiling as the reflective medium. The indirect lighting will also ensure that the display cabinets and the hanging artefacts are the centre of attraction. Display cabinets in all areas will be individually lit, aiding in the general lighting of each space.

Attached to this report, are three pages of simulation data showing the envisaged amount of lighting in the different areas of the restored Tower. It is important to note that the simulations do not take into account the light coming from the display cabinets, therefore the resulting overall light levels will be higher.

The lighting detailed above is supplied through the essential electrical power panel which is connected to the generator ensuring safe movement amongst the walkways in the event of a power failure.

I trust that the above is to your satisfaction, please contact me if I can provide further details or assistance.

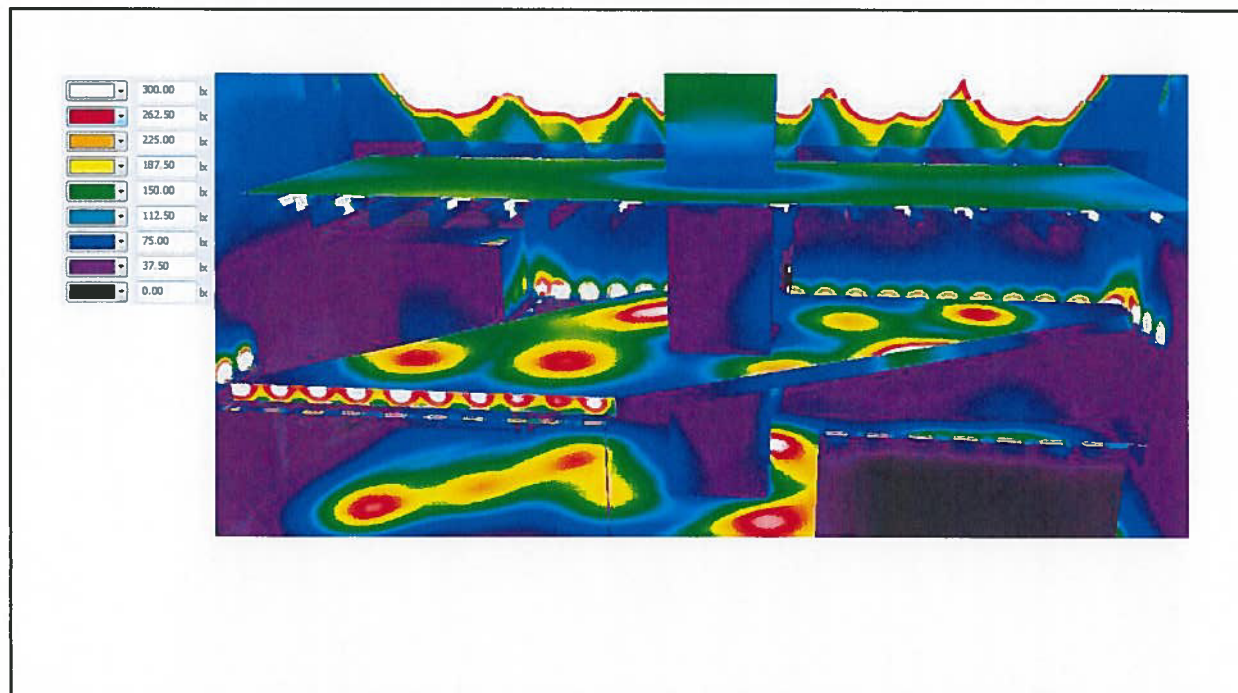
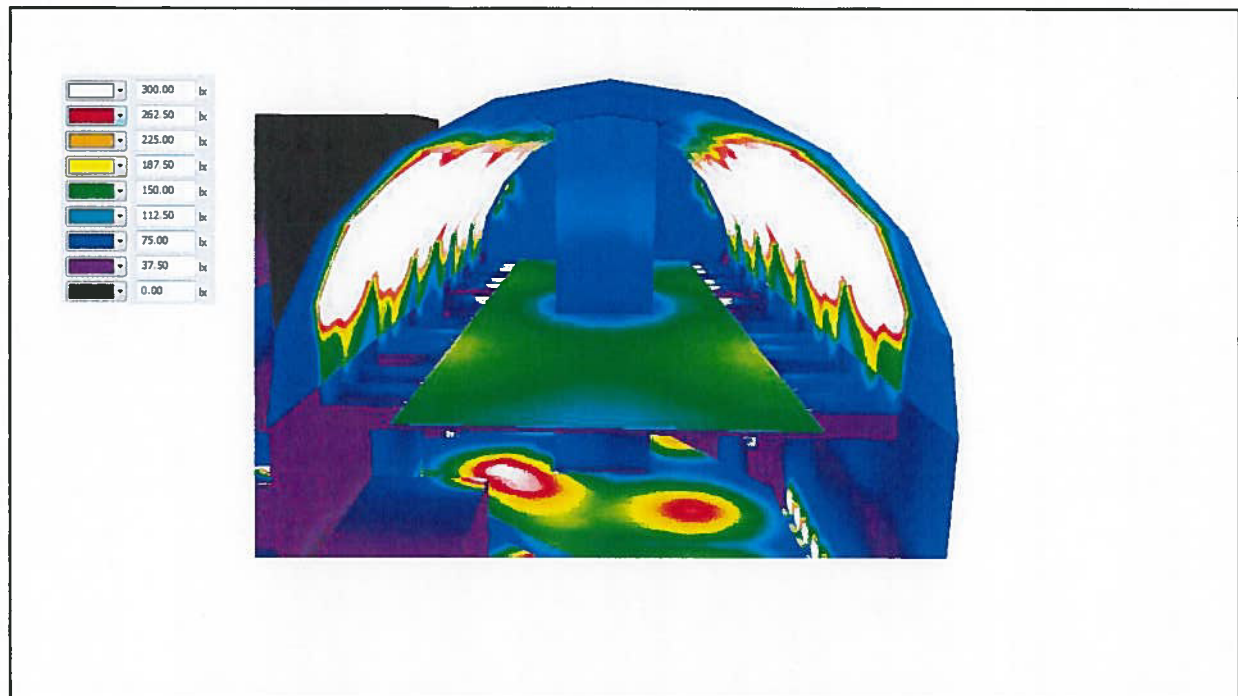
Regards,



Alex Vella, Eng.

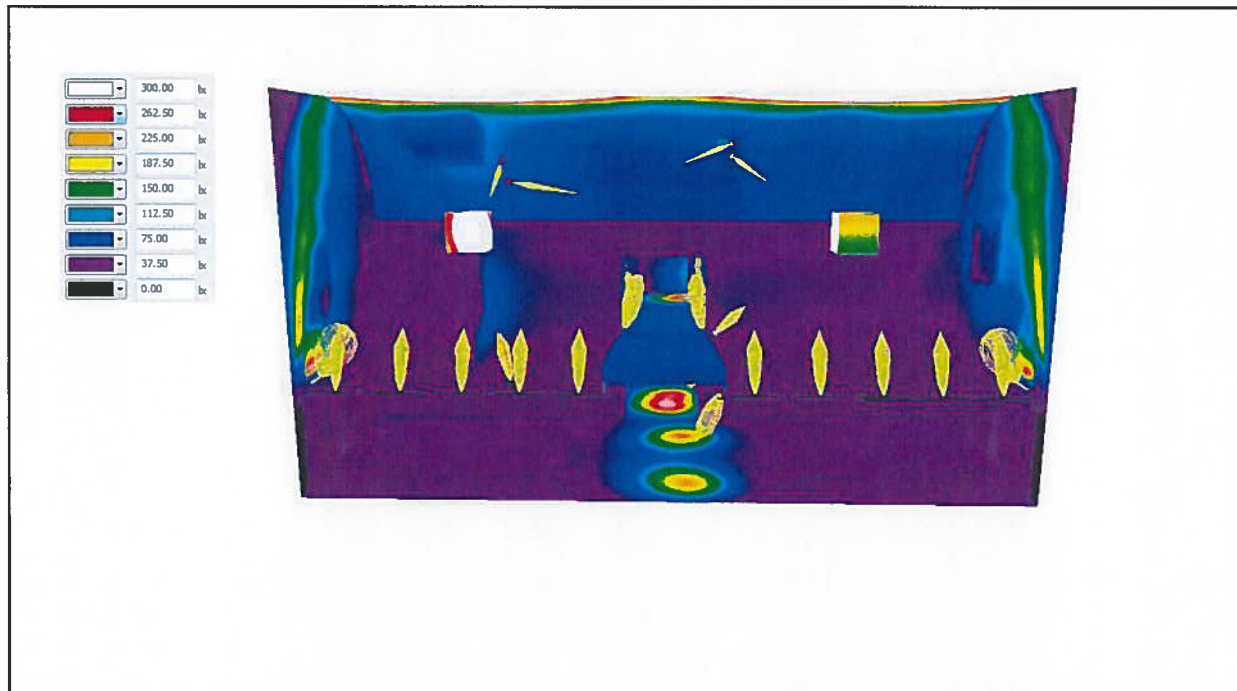
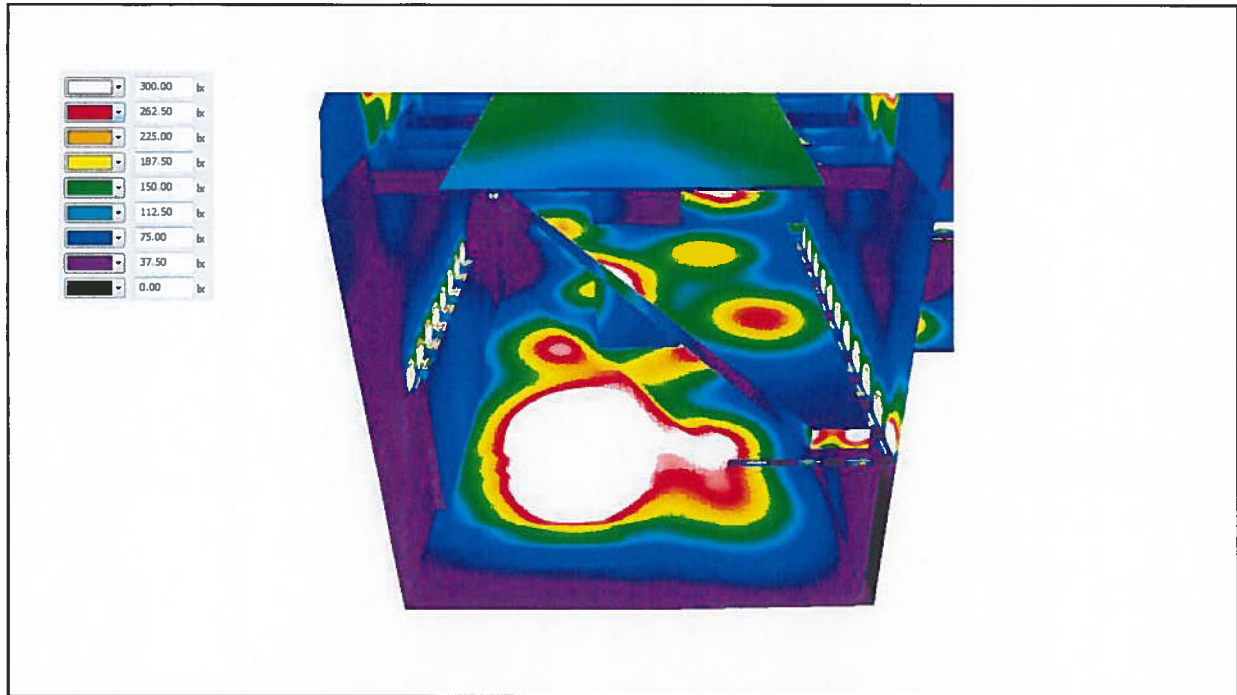
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