

Following the EAs response with regard to the discharge of condition 12 of planning permission 20221294. Please see below for the PLA's response to this which is intended to resolve the EA's objection to the discharge of this condition.

With regard to the ties rods to confirm the PLA have re-done the calculations with the tie bars completely removed. We know from our previous analysis that the wall is overdesigned for its current loading, possibly due to the original design loading taking a previous structure bearing on raft or shallower foundations rather than the Port Control Centre which is on deep piles. Based on this, it was reasonable to check if the tie bars are required for the actual loading.

The attached calculations show that even with no tie bars, the wall still passes structural analysis. This therefore negates the need to inspect the tie bars. The risk of additional load being applied to the land near the flood wall is near zero due to the proximity of the PCC building and the fact it is on piles deeper than the flood wall foundations.

On the other points raised in the EAs response to confirm the paint system used for the remedial works was PPG Sigmashield 880 to a minimum of 250µm. The tested average thickness was 813µm as tested by PPG representatives. The paint spec and safety data sheet are also both attached.

I hope this is of assistance to address this condition, if this could be formally passed to the EA. For information the EA are aware of the forthcoming information.

Regards