

14/09/2012

PITTSBURGH INSTITUTION  
BUILDING PP85  
PWGSC # R.045087.001

Questions and Answers

Question 32: We need you to issue one more clarification on the waterproofing because there is still confusion. This waterproofing is very expensive, about \$25 per SF in place. Depending on your answer to these questions the waterproofing could be worth \$250,000 or \$550,000. It is very unusual to place a waterproofing system under a ground floor slab on grade and this is confusing bidders and subs, along with the conflicting design details.

A previous clarification referred to Detail 5 on C-303 which does not relate to this project as there are no steel piles or grade beams in the Basement - this is a Frontenac detail.

The latest clarification in Addendum 3 refers to 1/A-520 - a residential pod slab grade beam detail. Unfortunately, the slab is noted as "FL2" which is described as having a "vapour barrier".

Q1 - is waterproofing as specified in Division 07 13 54 required under the entire slab on grade in the 3 residential pods? Yes or No?

A32 Q1 Response: No

Q2 - is waterproofing as specified in Division 07 13 54 required to wrap both sides and bottom of internal grade beams in the 3 residential pods? Yes or No?

A32 Q2 Response: No

Note:

1. On detail 5/C303 where waterproofing is noted on detail under the residential pods and pile supports, this waterproofing and the mud slab is not required and is to be an under-slab vapour barrier, as per specification 03 30 00, item 2.3.14.

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2. The specified waterproofing is to be applied to the basement walls and basement under-slab as this lower level sits within the recorded ground water level.
3. Amendment 007 Question 17 - delete answer as shown.
4. Amendment 015, "Addendum 03", architectural item: Delete reference to waterproofing membrane and replace with under-slab vapour barrier.