Answers from architect from questions raised relating to both projects

Nature Recovery Education Centre

1. We note the internal dividing partitions within this building as highlighted on the Engineers drawing. Are these all new dividing partitions and screens as PDL drawings do not indicate any on their proposed drawings?

PDL's original layout included partitions, but they have now been removed and the whole space has become an open plan exhibition / lecture hall with simple ply display boards that fold flat against the walls.

2. We are confused as to what additional work may be required to internal stud partition walls as the supporting statement works notes the following (Internal timber studs (with insulated between timbers) of new external walls to provide additional support and breathable roofing membrane under sheets with windows included in the studwork, and sheeted over to allow windows to be fitted in phase 2). Are there new stud walls to be constructed to the internal perimeter of the new clad external walls. The engineers drawing alludes to new perimeter partitions but PDL drawing detail BR03 alludes to the perimeter studwork being retained?

The inner wall of the external wall is timber frame and is constructed off the concrete block wall (built in Phase 1). It has been insulated with rockwool between timbers. Along the back north facing wall planning has approved window openings. These window openings are to be constructed within the timber frame, and client to decide which opening is to remain as functional window or the opening is to be closed and void insulated. There needs to be potential to reopen any blocked opening just in case the use of this space alters in the future.

3. Are there any new fire requirements (alarms / sprinklers etc) associated with the RECOVERY CENTRE to be aware of?

No.

4. Can you clarify thickness of insulated roof and wall cladding panels please?

Minimum 100mm

Nature Discovery Centre

1. Brief discussion with Meirion at PDL last week. Roof cladding and wall cladding to be an insulated metal panel. For the roof panel (we can assume 100mm thick) Can you provide more design information and connection detailing for the wall as normally this would be fixed to galvanised purlins connected to a steel frame, although the proposed scheme has a blockwork outer skin?

Timber spec not known at this stage as it's only planning. Building Regs stage would confirm when structural engineer gets involved. Please allow for 225 x 75mm for now with 150 x 100mm purlins.

Profiled sheet and galvanised purlins for the purpose of quoting please.

2. Are metal rainwater pipes to discharge water onto the ground or into drainage gullies and routed to a soakaway, if so can you confirm the location of the proposed or existing soakaway to discharge to?

Water butts to existing pipe that is less than 2m from the current building (adjacent to the toilet block).

3. Are there any external path works to be considered above and above the concrete ramp to the front entrance?

Slate effect paving slab on top of the concrete. Levels to be worked out on site.

4. What is the first strategy for the building (fire alarms, internal fire doors, screens an partition?

Fire alarms, possibly sprinklers, fire exit door, fireproof partition. Please do not quote for electrics, as this will be carried out by on-site electricians.

5. Height of timber partition if not a fire screen?

Fire partition goes full height up to u/s of roof covering. This separates the public from staff laboratory. Any glass will need to be fireproof within this partition. Ditto Fire door.

6. Can you clarify the finish of the load bearing slab make up, as the design calls for screed finish but text document calls for painted concrete floor finish?

Power floated concrete finish, with anti-slip paint to protect the surface.

7. What worktop laboratory bench finish is expected, standard kitchen worktop or specialist?

Standard kitchen.