

## Shed Extensions Progress Report - 29 January 2018

Neil, our plumber (my neighbour) worked non-stop from 8am till 4pm on Monday and finished our below ground pipework so I think our drainage is ready for inspection. There are more bits and pieces to do but hopefully our inspection, booked for the next 48 hours, will be satisfactory. We can then fill in trenches and proceed to external concreting.

We now have our water supply system and waste water lines in place. The sewerage connection has been lowered to allow us to lower the ground level outside our lunch room where flooding of the above floor level ground caused water ingress into the lunch room and wet the carpet and floor. This also caused corrosion of the bottom of the metal cladding.

Our replaced sewer line also has a junction to allow for any future development west of the lunch room, e.g. an office, and we now have gravity drainage from the existing metalwork sink. Ultimately, we will be able to remove the pump-out system, hopefully before it gives trouble.

Bryan and I completed the connection of the channel drains and Mark did a great job filling around and under them to get a suitable fall. I also finished the connecting brackets for the NE pit drain and will complete its installation on a sand/cement pad tomorrow (weather permitting). The drainage pipes can then be fully installed with bio fabric and gravel infill over the top.

John J and Mark also cleared the aggregate away from the SE pit and temporarily installed the adapter I had made to join the agg coil to this pit.

We have yet to embed any copper pipes with clean sand rather than gravel to help avoid corrosion problems.

Photos of progress from Monday 29 January 2018.



This before photo shows the pipe too high outside the lunch room. After - can you see the differences?



New outlet for metalwork sink gravity drainage



Channel drains installed with new sink connections for extension sink in foreground