

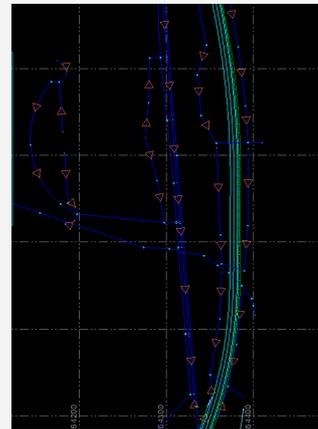
Groundwork

Cavway Project - Building the first UK proving ground for autonomous cars

Construction at the airfield continues, the team have finished digging the first pond on site. We have referred to this as the 'long pond' because its roughly 225m long by 32m wide and in parts will be 3m deep. Harry has been digging this out with the 22T digger, and the spoil is being moved by Ben and Kier on the ADT's to Derek on the dozer who is building up the layers on the main test track. We are trying to use as much of the spoil that is being dug out on site to cover areas of the tracks, to help build up layers where needed on the elevated sections.



Will has been digging the drainage trench for the over flow pipe to be put in the ground for the outfall water from the long pond. Drainage is a massive part of the plan for the site, and it needs to be correct as the client doesn't want water laying on the test tracks. The client is trying to use as much of the existing drainage system on site to save on costs. We have been around site and marked up all the man holes and where we think there is potential pipes. We have then organised for a company to come out to help with camera footage from inside the pipes so we can see what sort of state the pipes are in and the dimensions of the pipes too. We have then fed this information back to the design team at Systra, who will plot the existing and new pipes and covers on the drainage design and send to us to start implementing on site.



The blue lines in the photo above are the drainage lines from the design, to the right is the drainage in place on site.



Will, Iain and Luke have been working together to build the start of one of the roundabouts and roads. Where Iain has been digging off the topsoil to mark out the start of construction of the roads, Luke has been moving Iain's spoil to create another bund around the site which Will has been levelling out using the Steelwrist kit of the excavator!

Back in September we had Peter Haddock get in touch, who is a media and content producer for Earthworks Magazine. He spent the day with Derek and the team getting to know what is going at the airfield and how we use technology on the machines. He has produced some great videos which are shared on our social media channels and also a 4 page article in the November issue of Earthmovers magazine.



Groundwork Continued..

We had a quieter first week of October at the airfield and so Ben and Lee were getting the ground ready for a shed base. This a shed will be erected later in the year. It was good to be able to get this done while the ground was dry.

The area has been dug out and levelled, the spoil has been relocated else where on site. The membrane has been laid under the stone and then has been levelled again. The footings are now in place and so when the shed is here, we are ready to send some of the team over to erect it.



Being levelled having taken out the old tiles.



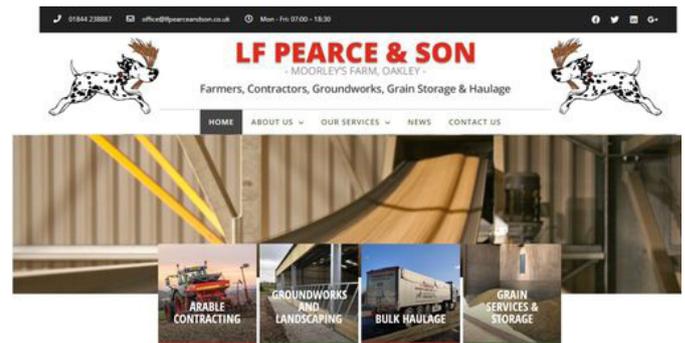
Finished driveway with resin top.

We have also been involved with a driveway refurbishment. You can see in the pictures that the property looks very different. We have removed all of the existing block pavers and installed some new aco drains and connected to the existing drainage pipe. We have then levelled the entrance and repaired the existing edging where any low or damaged edges were. We then had Edwards Surfacing in who laid the tarmac followed by the resin bound gravel to create a top surface.

“ **Massive thank you for a job, really well done. We are delighted with the finished work** ”
- Domestic Customer, MB

Since the last newsletter of announcing that we had been shortlisted for an award, on Thursday 30th September a few of the groundwork team went up to Manchester for the evening to attend the RIDBA Building Awards, we were short listed in the Livestock category for a cattle shed we erected.

Unfortunately we didnt win, however we were over the moon to get shortlisted. The work all of the team put into erecting a complicated shed in difficult conditions, and the work they continue to do, doesnt go unnoticed.



We have a new website!

Over the summer we spent a bit of time refreshing our website, giving it some TLC. We are really happy with the result and can't thank the team at Activ Web Design enough!

www.lfpearceandson.co.uk

Grainstore

Since harvest has finished Neil has been busy in the grainstore. The majority of the stores are filling up nicely with crops coming in and being outloaded.

We have been intaking lots of wheat which is contaminated with ergot and so needs to go through the colour sorter. We are successfully putting through 20T an hour and removing all ergot out of the wheat so it can end up going for milling. The colour sorter is running at 70% capacity with approximately 7 activations per second of ergot removal, but varies on each load.



Dirty wheat with ergot contamination



Ergot which is to come out



Cleaned wheat with all ergot & admix removed



We have had some peas in from Torquay for storage for a grain merchant, however before they have gone into store they have had to go through the dryer for moisture but it will also remove the red clay dust that they are covered in. If you are on dusty land, it is normal for peas to pick up and coat themselves in the dust. Once they have been through the drier they will then go into the correct store.

We are currently booked up with colour sorting for the next few months, however if you need our help please do give us a call on **01844 238887** and we will see what we can do.

Farming

Will and Harry have definitely had a varied couple of months, they have both been operating the diggers on the groundwork site; but as soon as the weather came right they have jumped off them and into the combine and tractor to get the harvest in. Will started by cutting the Winter Barley and then moved onto the oats and the linseed.

With the nice autumn we have had, Will and Harry have managed to get cultivated, next years wheat and barley drilled and all the fields rolled. It makes it some much easier when the weather plays ball too. Now the farm is up to date they have gone back to the airfield to help with the groundwork team!.



While the ground is dry, Will has also been out hedgecutting and topping for us and various domestic customers in the village. On the quieter days at the airfield, Harry has been over at JTW Cox's helping them on maize cart, and has rolled and avadexed 20 hectares for them.

Take a look at our website to see what we can offer or give us a call on **01844 23887**

Follow us on:



www.lfpearceandson.co.uk

