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Access Office, SHG

St Helena Airport

Airport Site

© Remi Bruneton Aerial view of the Airport Site, Prosperous Bay Plain on 20 June 2013

No 1—Dry Gut at 21.5% of the total fill

No 2—Yellow route into Dry Gut

No 3— Red route out of Dry Gut

No 4 - Water Station

No 5 - Location of the Airport Buildings

Approximate location of the centre line of the runway

Location of the Airport Buildings

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Visit us online at www.sainthelenaaccess.com

Job Profiles

Name: Andreas Huber
Job Title: Resident Engineer
Company: Halcrow

Role in the Airport Project:
The Project Management Unit (PMU), headed by myself on island as the delegated Resident Engineer, is responsible for the effective management and construction supervision of the Airport Project. This means that I have the day to day responsibilities for enforcing the terms of the contract and ensuring that the project is on time, on budget and to specification.

Typical Day:
Monday to Friday 7.10 to 17.30 working in the office and on the construction site, on most Saturdays and sometimes on Sundays conduct tours to the airport with people who are interested to see the airport and access road and the odd meetings during the week.

Previous experience in a role of this kind:
I have a long career as resident engineer on construction projects, including bridge, road, tunnel and high speed railway projects. For example, there are three great projects I worked on, the replacement of 256 Bridges in the Philippines, a 190 kilometres road rehabilitation in Vietnam and the highway through the Elbrus mountains in Iran.

People you work closely with:
Too many to name all, my office staff Miles Leask, Deputy Resident Engineer; Paul Welbourn, Construction Design Management Co-ordinator; Robert Kleinjan, Environmental Monitor; Remi Bruneton, Civil Engineering; Nick Stevens, Environmental Inspector; Lucia Plato, Health & Safety Inspector and Melanie Caesar, Administration Support; Basil Read, the Access Office, DFID and my home office in London.

Reflections on the project so far: The airport is only a part of the contest for St Helena to have a better future: there is more to it and it has to go hand in hand with other developments. These should be all completed in more or less the same time. Is everybody else ready for February 2016? We are.

Greatest Project Achievement to date: The group of engineers and administrators from Basil Read, the Access Office and Halcrow has managed the project in a professional conduct as a team to accomplish all tasks associated with building an airport. We all have done this to date.

Challenges ahead: Definitely to complete the airport to the expectation to the people living on the Island and all their relatives living and working abroad.

Name: Miles Leask
Job Title: Deputy Resident Engineer
Company: Halcrow

Role in the Airport Project:
I am part of the Project Management Unit (PMU), which is responsible for ensuring that the project is designed and built in accordance with the contract in terms of quality, time and budget. Therefore the PMU reviews the design submissions and monitors the construction works on site. The PMU also has responsibilities relating to health & safety and the environment.

Typical Day:
No such thing! Every day is different and may include going out on site to check on progress or to have a look at an issue that may have arisen. There are regular progress meetings to attend and also other meetings to discuss other matters relating to the project. The rest of the time I am in the office and typically my time is spent reviewing designs and working on technical issues, preparing reports, and dealing with the project's finances.

Previous experience in a role of this kind:
Between the "pause" and the project actually starting, I spent two and a half years in the UK working on a variety of projects at a number of civilian airports and military airfields. Before coming to St Helena in 2008 I spent 11 years working in the Middle East where I managed a number of large multi-disciplinary projects. Part of this time was spent working on site supervising the construction of a range of projects which included some at airports.

People you work closely with:
The PMU's Project Manager and head office support in the UK, the Access Office, DFID and of course Basil Read.

Reflections on the project so far:
What Basil Read has managed to achieve so far is very impressive, but there is still a lot more to do before the first plane can land.

Greatest Project Achievement to date:
Managing to stay sane (or at least as sane as I ever have been)! Not losing all my hair or going completely grey yet!

Challenges ahead:
Too many to mention! Not doing any work whilst on holiday!

Job Profiles

Name: Robert Kleinjan
Job Title: Environmental Monitor
Company: Halcrow

Role in the Airport Project:
Reviewing design submissions and checking that environmental issues are appropriately managed on site by Basil Read

Typical Day:
Starts with making breakfast for my children after which I get to the office around 7:30. After checking emails (and cricket scores) I usually go out on site for a few hours and spend the remainder of my time reviewing design submissions.

Previous experience in a role of this kind:
I worked on major tidal flood defense projects in the UK as well as various London Underground station upgrades related to Crossrail in London among others.

People you work closely with:
Obviously there are my colleagues in the PMU, but on the project as a whole we have a very close environment team with representatives from the St Helena Government, Basil Read and the PMU. I am also in regular contact with the St Helena National Trust and various other organisations on the island.

Reflections on the project so far:
It certainly has been challenging at times, and there have been some interesting changes to the design requiring close attention to environmental issues. By working as a team we have been able to address these appropriately.

Greatest Project Achievement to date:
I feel that we have achieved an awful lot when it comes to effectively managing environmental impacts given the location of the project, including minimizing impacts on heritage features throughout the airport development area.

Challenges ahead:
It is fully recognised that we are constructing an international airport in one of the environmentally most sensitive areas on the island. We need to continue to take forward environmental and technical issues hand in hand. We have good stories to tell and we need more effective communication with the wider community.

Name: Paul David Welbourn
Job Title: CDM Coordinator (Construction Design Management Coordinator).
Company: Halcrow

Role in the Airport Project:
My role in the Airport Project is to assist SHG as the employer and Basil Read as the contractor to comply with the Law and relevant Health & Safety requirements. (HASAW etc ACT 1974 and CDM Regulations 2007)

Typical Day:
A typical Day for myself includes reviewing risk assessments, method statements and designs with the aim of reducing workplace hazards. I also assess the ongoing works and highlight what is being well managed and areas that might require improvement to ensure compliance with health and safety requirements.

Previous experience in a role of this kind:
My previous experience in a role of this kind is as assistant resident engineer for the Felixstowe container port reconfiguration phase one. Felixstowe is the largest container port in the UK, the first phase included offshore piling works to reclaim a 720m section of estuary using 45m long 2.54m diameter piles which created a deep water birth for the largest container ships in the world, this would also use the largest cranes in the world to unload ships like the Emma Maersk.

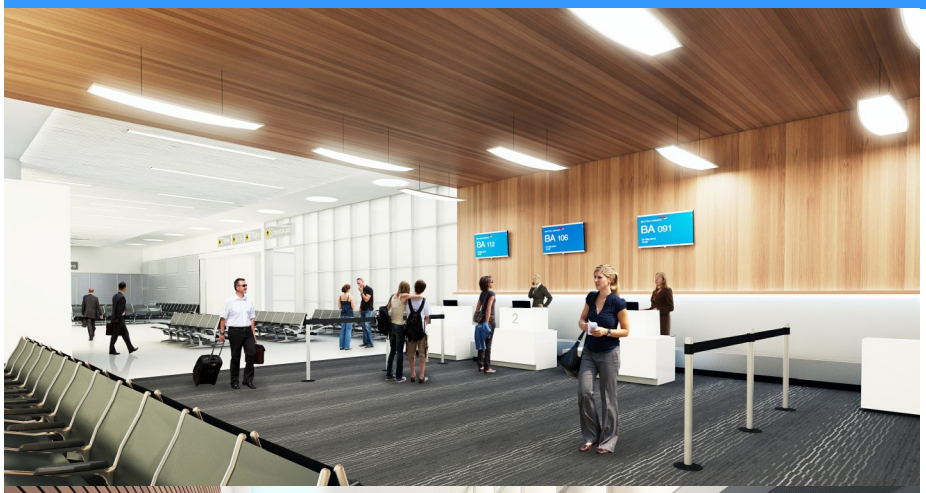
People you work closely with:
Members of the PMU, the Access Office and George Vorster Basil Reads Safety, Health, Environment and Quality (SHEQ) manager.

Reflections on the project so far:
Logistically and technically it's a very difficult project, the site is vast due to the requirement for a dedicated road to access the airport, the rock fill in dry gut is an enormous undertaking which has required careful managing by Basil Read to enable a safe but productive environment. The project has come a long way and Basil Read have achieved a lot but we still have more to achieve and need to remain focused on doing the job to the best of our ability and doing it safely.

Greatest Project Achievement to date:
The health and safety culture has improved and all staff are far more aware of health and safety responsibilities – if I'm seen without my hard hat the locally employed staff will soon remind

Continued on page 4

Airport Buildings



Derrick Alexander, Basil Read Buildings Manager, returned to the island this month to oversee the works on the Airport Buildings.

Preparation of the Combined and Terminal Building Platform is progressing well. Blasting and earthworks in preparation of surface bed levels for the platform area are scheduled to be completed by the 3rd week of July. This will allow a safe working zone of 200m for the commencement of all building activities. Setting out and ground breaking is then programmed for the end of July 2013. More on this will follow in future Airport Updates.

Core specialist teams have been deployed from South Africa and will arrive on-island shortly. These specialist teams will focus on Concrete/Formwork, Electronics, Electrical and Finishing. The first steps will be establishment, setting out and starting foundation work.

Alongside this, there will be opportunities for local Private Sector Contractors to deliver clearly defined work packages and scopes of works. Derrick is currently following up on interviews he undertook with local Private Sector Contractors during his April 2013 visit.

The pictures above gives you a sneak peek of the internal finishes of the Terminal Building

Environment

In the coming months the Airport Project will enter a new phase in the construction of the airport when work on the Combined Building starts. While the buildings themselves will be a feature in the landscape, the area around the various buildings will require landscaping as well. Basil Read is responsible for this aspect of the work.

In accordance with the 2008 Environmental Statement and contractual requirements, Basil Read has drawn up its own Contractor's Environmental Management Plan (CEMP). This CEMP guides the environmental management of the airport project and includes a number of protocols, which also apply to the construction and landscaping of the airport terminal site. These include protocols addressing the management of endemic flora and fauna, the removal of invasive species and the management of pests and predators on site.

Regarding the endemic flora Basil Read has established its own nursery at their camp at Bradley's where it propagating seeds collected from within the airport site. The nursery has its own dedicated staff and they are working with SHG's EMD Nursery staff to gain a better understanding of the various species and appropriate techniques. The first seeds (baby's toes, samphire and bird grass) have been sown and we are looking forward to the first batch of plants coming up in the coming weeks.

Job Profile continued from Page 3

me. I also get asked about Health & Safety issues that need clarifying or improving – this helps improve the environment we work in, so I encourage all Airport Project staff to please keep asking your safety representative or myself if you have any concerns.

Challenges ahead:
The combined and terminal buildings will be the most significant challenge in the near future. A good site set up combined with coordination, planning and control of the works should keep the employees safe during the construction phase. If we can do all the little jobs correctly first time we save money by reducing waste and man-hours which also reduces Health & Safety issues.