

# Asta Powerproject

## FOR ALL THE CONSTRUCTION LIFECYCLE



Asta Powerproject is widely used to plan and manage all aspects of the construction lifecycle for simple tasks through to some of the world's most complex construction projects, such as Europe's tallest building, The London Shard; Jumeirah Park, Dubai; The Reichstag, Berlin; Petronas Towers, Malaysia; and Durban International Airport.

Unlike other software that can only address parts of the construction lifecycle, Asta Powerproject can be relied upon to create a plan and develop it through every stage, giving you one quality software solution for all your project needs.

**“The earthworks engineers simply love Asta Powerproject, and could immediately see how the software worked when they switched over from MS Project.”**

**“We discovered that it was more user-friendly than P6 and it could perform with higher functionality if we needed it. ”**

Steve Allan,  
Banora Point Upgrade Alliance

### With Asta Powerproject you can:

#### ► CREATE TENDERS TO WIN BUSINESS

To win business your tenders need to stand out from all the others to really impress your client and instill confidence in your plan.

#### ► DEVELOP ACCURATE SCHEDULES

After winning the job you will want to refine the details to deliver the project including procurement plans and fully resourced and costed plans for all tasks. At this stage you need to be confident your plan is accurate.

#### ► MANAGE ONSITE PROGRESS, MONITORING & REPORTING

As the project moves forward, keeping track of progress and providing clear reporting is crucial for successful project delivery and to provide As-Built records for protection in case of litigation claims.



# Asta Powerproject:

## CREATE TENDERS TO WIN NEW BUSINESS

To win business your tenders need to stand out from all the others to really impress your client and instill confidence in your plan. Asta Powerproject is the recognised standard for high performance project management, scheduling and resource control. Its unrivalled presentation tools can help you to win project tenders and communicate effectively.

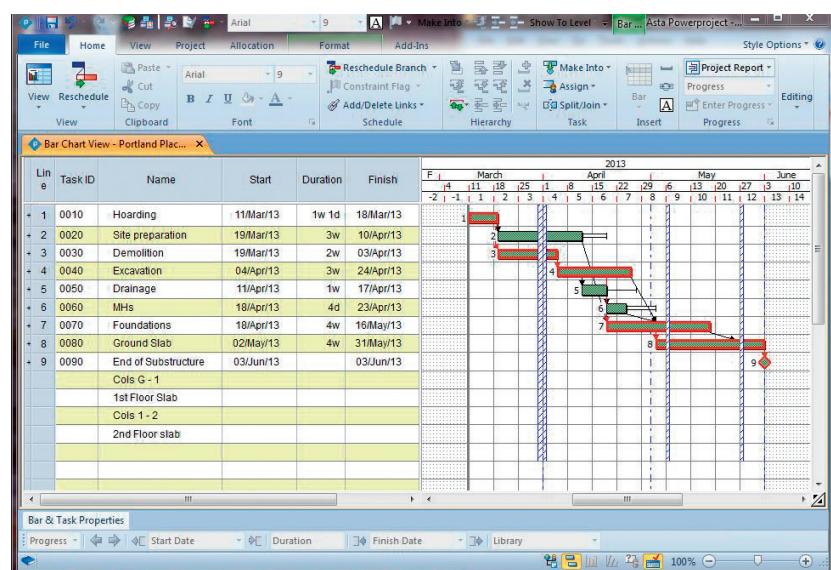
Some software can be over complex making it slower and more cumbersome to create a reliable plan to support a tender, requiring detailed WBS or Activity Coding. Some more simple options may seem quicker, but less impressive in presentation and unable to be developed into a detailed schedule and ongoing plan. Only Asta Powerproject can produce plans that can win you business and be used effectively throughout the construction cycle.

### ► CREATING A NEW PROJECT IS QUICK AND EASY.

You simply complete a short dialogue box with basic project details. You can then draw on the bar chart to create your plan. With some other systems, the amount of set-up that needs to be done before you can start creating your plan is significant and can cause unnecessary delay.

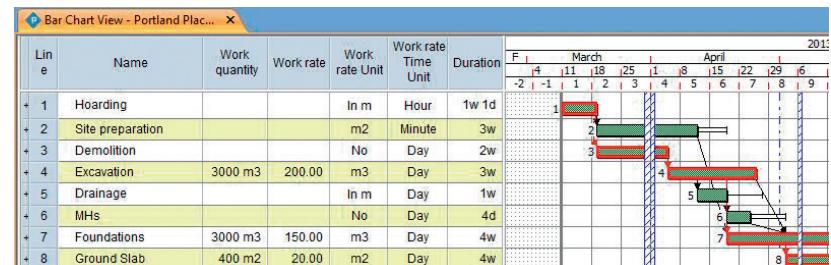
“Asta Powerproject allows us to add value to our proposal helping us to win many of our contracts.”

Ray Ferguson, Planning Manager,  
GRAHAM Construction

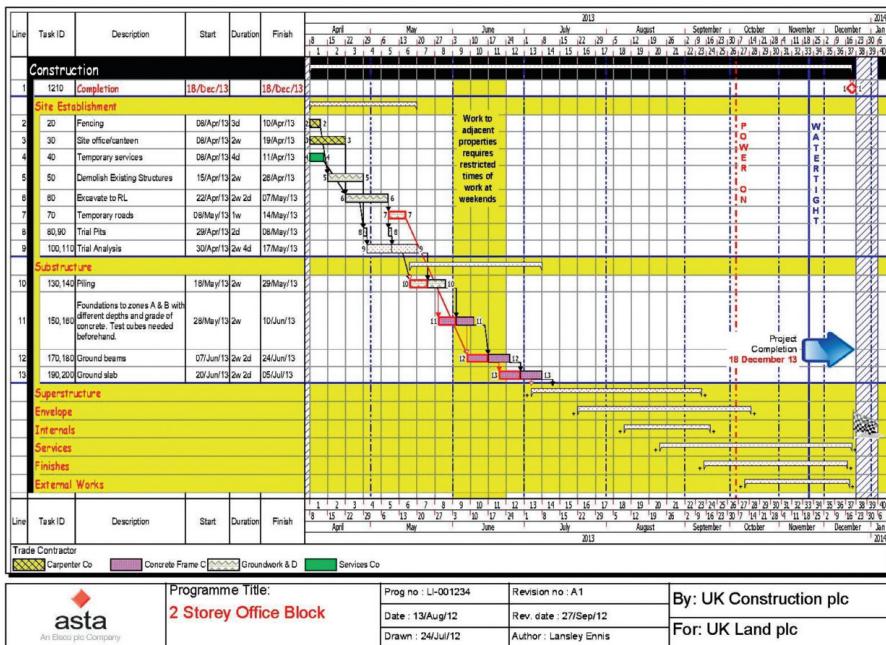


### ► CREATE A SCHEDULE QUICKLY

Many of our users who have previously worked with other planning software where you have to add the resource to a task before you can add the duration find our easy-to-use Task Work approach particularly helpful for creating tenders as you can create a schedule without needing to allocate resources. This makes it quicker and easier to create a plan as you don't need to enter all the detail first - you can put in the 'broad brush' data and then go back and add in the detail later, if you need to.



## CREATE TENDERS TO WIN NEW BUSINESS

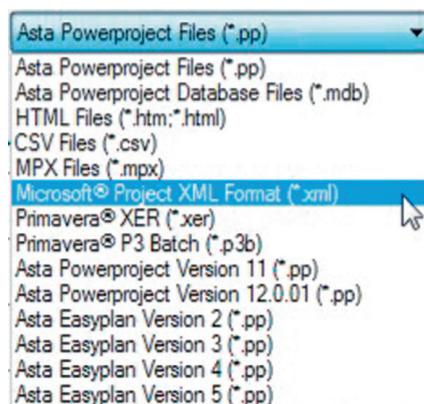
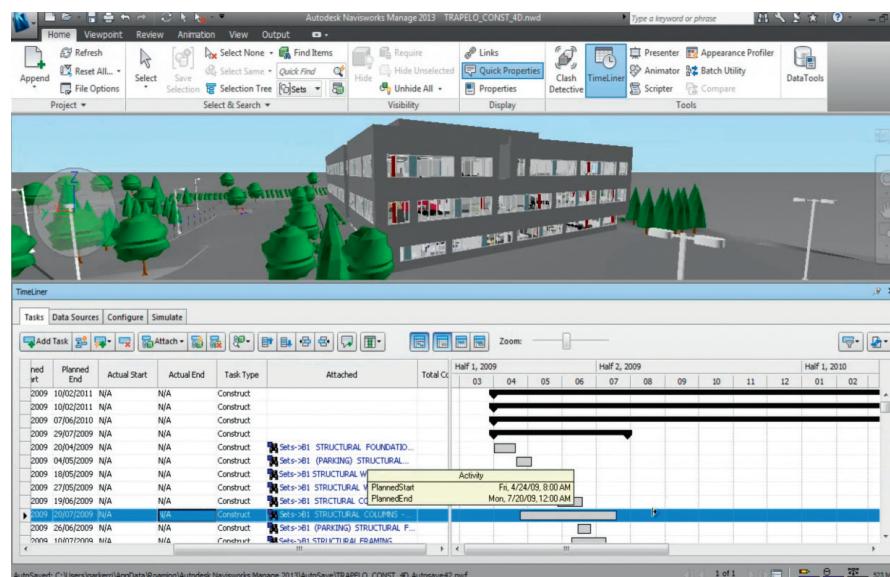


### ► PRODUCE HIGH QUALITY OUTPUT TO IMPRESS YOUR CLIENT

With **Asta Powerproject's** presentation tools you can easily produce high quality professional looking output so that your tender document will really stand out from others.

### ► INTEGRATE WITH BIM MODELS

**Asta Powerproject** integrates easily with BIM models to visualise how the building will look at any point during its construction. You can visually compare the impact of different building strategies and sequences of events; and improve communication with all project stakeholders.



### ► INTEGRATE WITH OTHER SOFTWARE

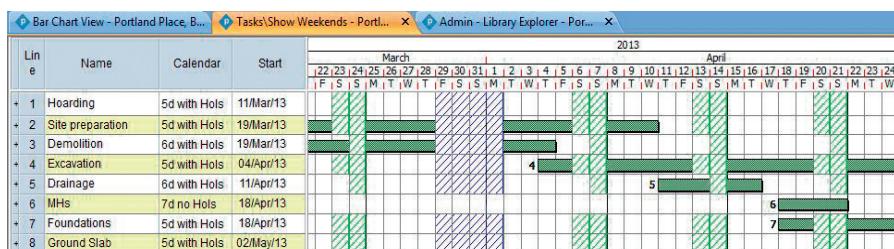
**Asta Powerproject** enables you to open files from other software systems (such as Microsoft Project™, Oracle Primavera P3™ and P6™ and SureTrak™) and save **Asta Powerproject** files into formats that can be opened in such systems so you can easily exchange data with people working on different software if you need to. We provide 'templates' that can be used when opening files from other formats, so as to give the user a more familiar presentation of their project data.

# Asta Powerproject:

## DEVELOP ACCURATE SCHEDULES – FOR EVEN THE MOST COMPLEX OF PROJECTS

Some software uses confusing defaults and an unfriendly interface with awkward processes that can increase the risk of human error. Asta Powerproject has evolved with input from our users who are planning professionals to ensure it is an effective scheduling tool. It has at its core a fully featured Gantt Chart with drag and drop functions to assign attributes to activities such as resources, costs, codes and calendars.

This makes it easier to use than other systems which rely on a more dialog based approach and enables you to hold and display a wide range of project data which can be viewed from the one screen. Projects can either be created with a Work Breakdown Structure or Product Breakdown structure.



### ► MULTIPLE CALENDARS

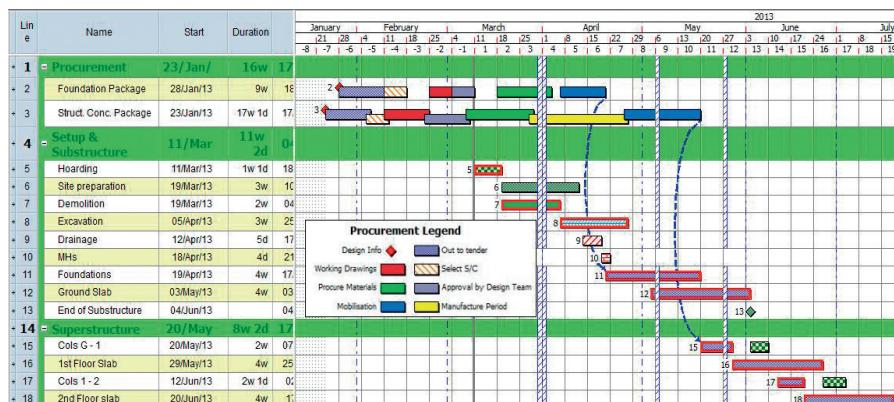
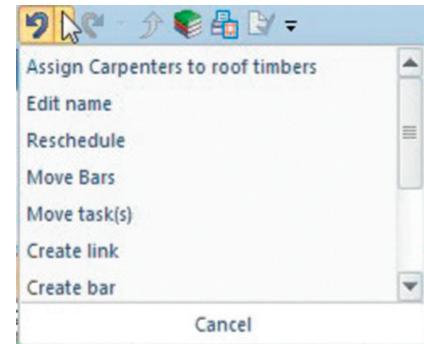
Asta Powerproject ensures the correct calculation of dates when multiple calendars are used on different tasks in the same plan to reflect different work patterns across those involved on the project. It uses the predecessor calendar for Start-Start links and the successor calendar for Finish-Finish links. This has a profound effect on the project end date when tasks with mixed calendars are involved. Software that does not have this facility will return an inaccurate project end date.

This feature takes out the problem of possible 'user error'. It does not require the user to make the correct selection in order to calculate the end date correctly. It just does it automatically for you, as long as you have set up the calendars correctly and have assigned them to the right tasks.

### ► MULTI-UNDO AND RE-DO

Asta Powerproject has a comprehensive 'multiple undo' feature which allows you to undo not only changes to tasks but also reschedules, changes to costs, resources, annotations etc. even after a 'Save'. By using this 'multiple undo' feature you will always be able to get back to exactly where you started. This provides a greater safety net than you get with other software and will give you the confidence to test out different 'what if' analysis so you can explore various scenarios to help plan proactively for changing circumstances without the worry of not being able to revert back to your original plan.

Bob Davies,  
Senior Planning Manager, Carillion



### ► SUSPEND AND SPLIT TASKS

Asta Powerproject shows multiple tasks on one row and you can split a task into two or more tasks - based on date, duration or percent complete. This is extremely useful for any situation where a certain sequence of tasks is repeated. Split tasks can be assigned their own resources, costs and codes which cannot be achieved in other software that lacks this capability.

## DEVELOP ACCURATE SCHEDULES – FOR EVEN THE MOST COMPLEX OF PROJECTS

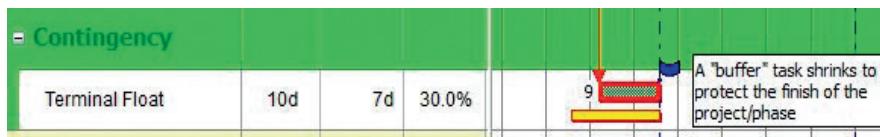
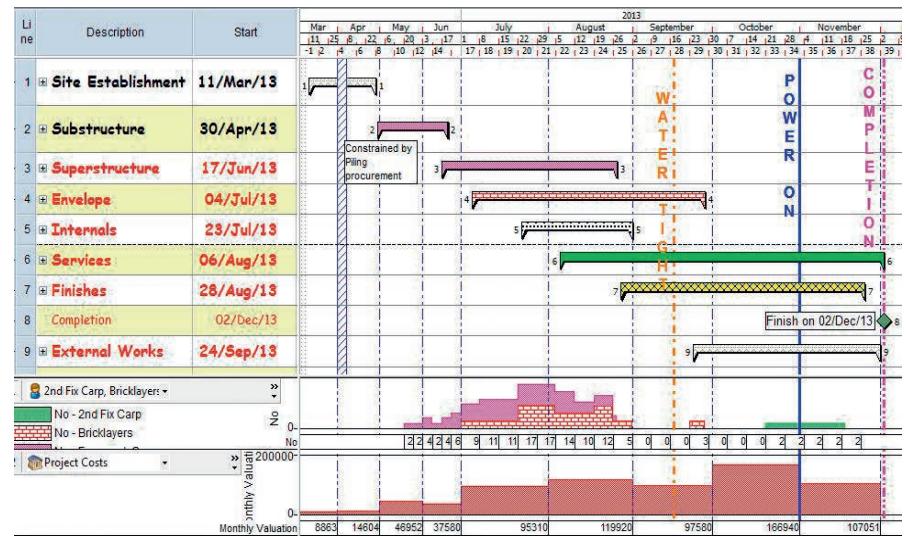
### ► MULTIPLE LINKS BETWEEN TASKS.

This is extremely important in creating accurate critical paths by demonstrating cause and effect of changes on a project and projecting the end date accurately. When two tasks can partially happen at the same time, if there is only one link between these tasks, as with some software, then a change of duration or partial progress can't effect the end date, but if there are two links it can.



### ► RESOURCE HISTOGRAMS

With multiple graphs and histograms – of people requirements, materials or finances you can make edits to the plan and immediately see the impact. You can see the project schedule and resource histograms on the same view and print on one page, giving you better visibility and improved decision-making than software which can't do this.

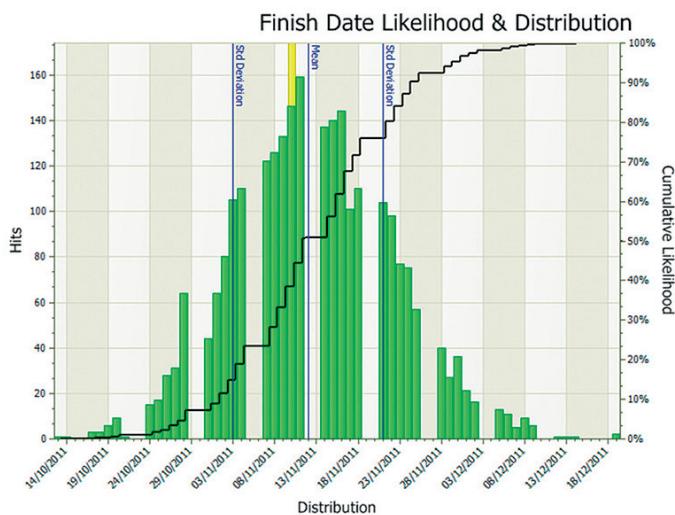


### ► CRITICAL CHAIN

Asta Powerproject comes with all the features to support critical chain project management without the need for add-ons or additional products.

### ► MONTE CARLO RISK ANALYSIS

Understand the effects of your project risks so they can be better assessed, proactively managed and effectively communicated with Risk Analysis as an integrated part of the product suite, not an add on or third party tool as with other software.



# Asta Powerproject:

## MANAGING ONSITE PROGRESS, MONITORING AND REPORTING

As the project moves forward, keeping track of progress and providing clear reporting is crucial to support decisions for successful project delivery, as well as providing detailed As-Built records for protection in the event of litigation claims.

The financial penalties for poor project delivery can be crippling, so you need to be able to prove that you delivered the project effectively and that any deviations from the contract programme were addressed and reflected in an updated version of the plan.

### ► COLLECT PROGRESS FROM SITE

**Asta Powerproject** has flexible progress methods so date and progress data can be entered correctly against tasks in order to correctly calculate task end dates and, by implication, project end dates. The Actual Start and Finish dates are entered against completed activities representing when the work took place. In-progress activities have the Actual Start, Remaining Duration and % Complete entered.

### ► VIEW AND ANALYSE PROGRESS

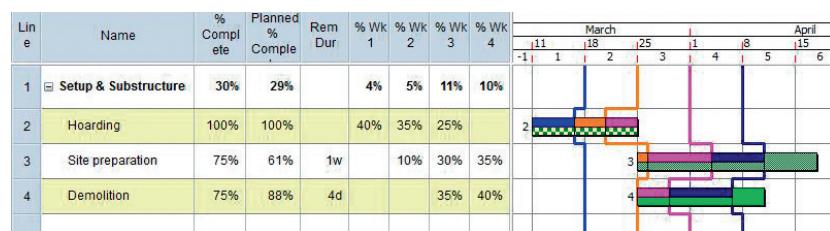
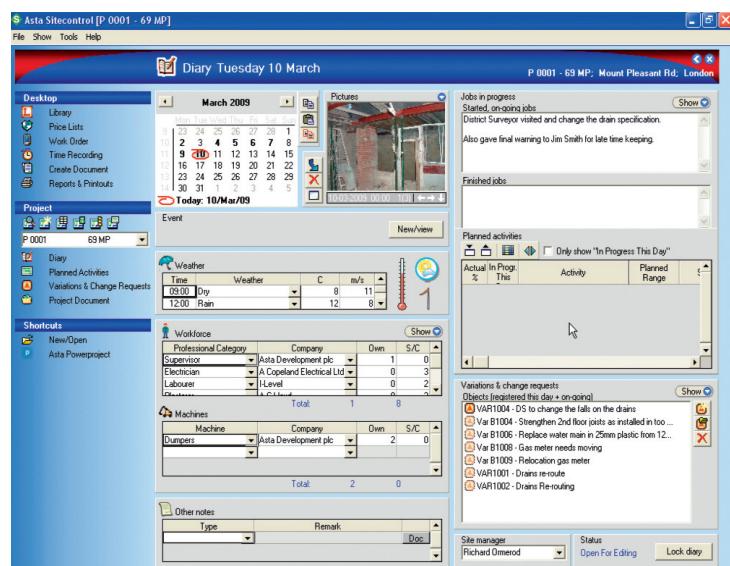
You can show current progress against the project baseline in a very graphical way making it clear which tasks are not going according to plan and the impact on revised completion dates. This helps communicate progress quickly and effectively to other members of the project team to enable proactive actions to be taken where needed.

### ► POWERFUL REPORTING

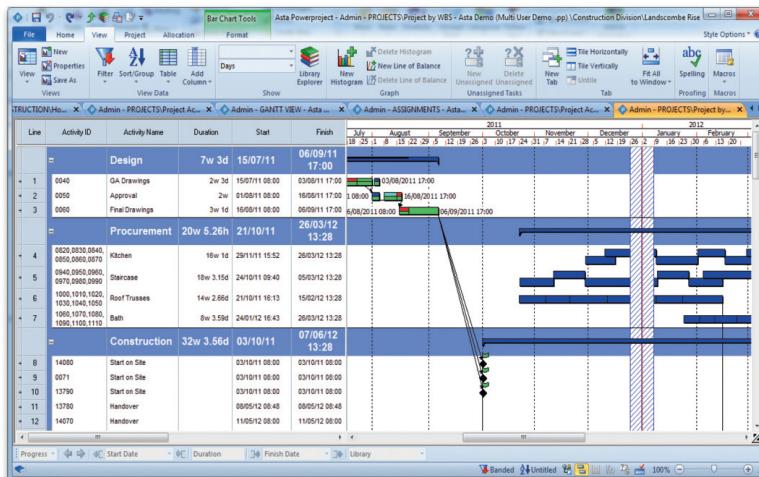
Keep decision makers updated with clear reports on the latest information using **Asta Powerproject's** reporting tools for clear presentation, including mobile access to dashboard reports on your iPad

**“The software compares what was planned with actual progress. It plots a line that shows whether the programme is behind or ahead of schedule, from that we can see which items have fallen behind and take the appropriate action, in time.”**

Phil Williams, Principal Design Manager, Wates.

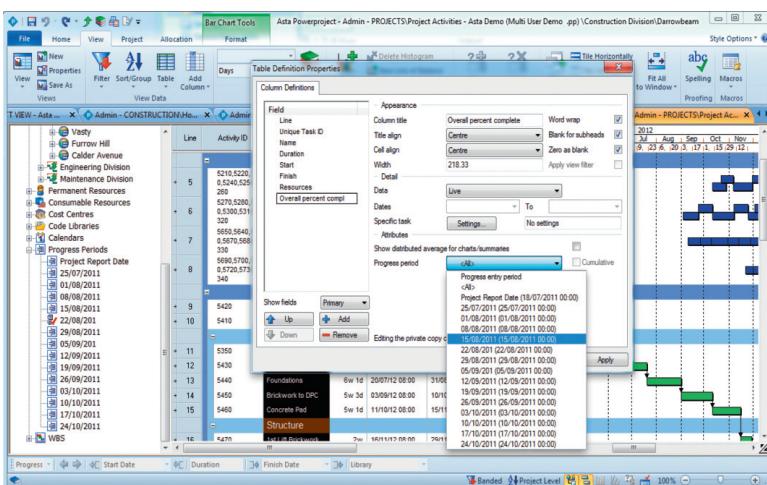
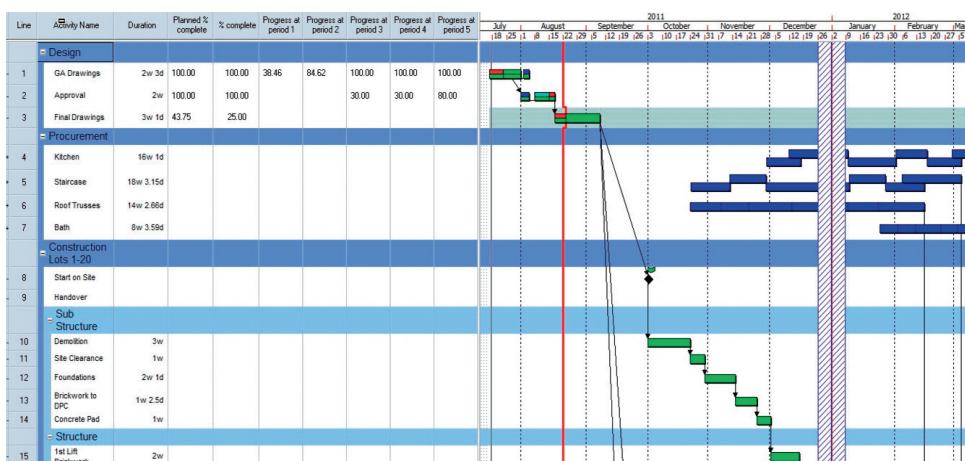


## MANAGING ONSITE PROGRESS, MONITORING AND REPORTING



### ► ESTABLISH AN ACCURATE 'AS-BUILT' PROGRAMME

When tasks are progressed, the exact nature of progress can be recorded. You can have multiple suspend and resume dates so you don't just have an actual start and end date and you can see how activity progressed across its span, including any breaks. Thus the history of a project is far more accurate than in many other systems. This is important when it comes to establishing an accurate 'As-Built' plan.



**Asta Powerproject – a powerful, seamless and flexible software solution for multiple projects. Includes software, consultancy, implementation, training and technical support.**

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### ► MULTIPLE PROGRESS PERIODS

**Asta Powerproject** has multiple Progress Periods. You can record actual progress per period, actual cost per period and actual resource per period to build up a full history on what has happened on site to give a far more detailed history of project progress than software which does not do this. This is vital if you need to prove what happened at any point in time.



### ► KEEP ACCURATE RECORDS FOR PROTECTION AGAINST CLAIMS

With an accurate record of what happened at each reporting stage during your project, this makes it much easier to create a rock solid record of progress at various points in time as your project progresses, which would stand up to detailed scrutiny if a dispute arose. This would ultimately protect your organisation in any legal/claims situation, whereas software which does not do this may not.