|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Time in weeks** | | | | | | | | | | | | | | |
| **Activity** | **Week One** | **Week Two** | | **Week Three** | **Week Four** | **Week Five** | **Week Six** | **Week Seven** | **Week Eight** | **Week Nine** | **Week Ten** | **Week Eleven** | **Week Twelve** | **Week Thirteen** |
| Excavate foundations |  |  | |  |  |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |
| Lay Foundations |  |  | |  |  |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |
| Run cabling, piping,  to meet existing services |  |  | |  |  |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |
| Build up to DPC |  |  | |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lay concrete oversite |  |  | |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Build to joist level and fit joists. |  |  | |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Build to wall plate and fit roof |  |  | |  |  |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |
| Fit windows and doors, take scaffold down |  |  | |  |  |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |
| Fit Plumbing and Electrics |  |  | |  |  |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |
| Plaster inside, fit kitchen, bathrooms. |  |  | |  |  |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |
| Paint and decorate |  |  | |  |  |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |  |
| Landscape gardens |  |  | |  |  |  |  |  |  |  |  |  |  |  |
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Proposed time taken

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Actual time taken

The above programme of work shows the time schedule for building a house. Every activity has been given a period of time to complete the given activity, if a trade doesn’t finish the work in the activity in the allocated time it could delay other trades and by doing this it will take longer to build the house. This will disrupt the sequence of work and the supply of resources such as materials equipment and labour. If there is inclement weather this could delay the build as well. In order to prevent this disruption either from bad weather, a trade taken longer than expected to complete its activity or a supplier delivering late, you can add in an extra day or two to each trade. For example, by doing this if there is bad weather and it stops the bricklayers from working for a day it shouldn’t really matter because you have added a day extra.

However if there is a delay it should be recorded and reported immediately to the contracts manager or appropriate member of the management so the programme can be adjusted. Also if there is no bad weather that means there will be a couple of extra days to spare in the work program for each trade to correct any mistakes made. If the project is delayed and not completed on time then the contractor could find himself in breach of contract and the subject of penalty clauses.

From looking at the work program you can see that building up to DPC was supposed to take a week but took a week and a half this is because there was bad weather which stopped the bricklayers from working.