Message

From: Mark Harris [/O=FIRST ORGANIZATION/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=MARKH]
Sent: 25/04/2014 19:27:49
To: Mike Albiston [/O=FIRST ORGANIZATION/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=MikeAlbiston]; Daniel Anketell-Jones [/O=FIRST ORGANIZATION/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Daniel]
Subject: Fwd: 1279 Grenfell Tower - ACM Rainscreen Cladding

From Simon.....

Sent from my iPhone

Begin forwarded message:

From: Simon Lawrence <slawrence@rydon.co.uk>
Date: 25 April 2014 17:17:34 BST
To: 'Kai Fabiunke' <kai@studioe.co.uk>, Mark Harris <Markharris@harleycw.co.uk>
Cc: Bruce Sounes <bruce@studioe.co.uk>
Subject: RE: 1279 Grenfell Tower - ACM Rainscreen Cladding

Afternoon Kia,

Thanks for the images. There is a couple of comments that I need to make before we get to far into this. Harley's are very kindly assisting with some info and samples enough to get us through the up and coming planning meeting. Whilst they are definitely one of our close Supply Chain Partners and I would hope they will be working with us on this project, nothing has been signed or agreed yet. Because of this they aren't able to offer full design development at this stage as they would be at risk. So some of the more technical questions can't be fully answered yet. I'm not sure they are relevant to the planners at the moment.

In order to design a system that achieves the Client's requested budget we need to be making everything face fix and from flat sheet where possible. Every 'bird mouth' joint or recessed corner adds cost because there's an additional manufacturing/fabrication process to fold the flat sheet into shape and the supporting structure behind often is more involved. Having said that there will always be folds in some places i.e cill detail and around the columns. My understanding from conversations with Bruce is that one of the important features is to keep the vertical and horizontal joint lines/shadow gaps relatively the same as the tender/planning drawings. So where you have a 'birds mouth' it now becomes a joint line so visually it keeps close to the original. We must keep in mind that a majority of the building will always be seen from a distance due to the height and these subtle features won't be as visible, you won't even notice a 20mm coloured rivet head at that distance. The other issue with recessed joints is that they have a tendency to contribute to localised staining down the building as they channel the rainwater.

I'm going to see Harley on monday so I'll give yourself or Bruce a call and we can go through any queries. In the meantime have a good weekend.

Regards

Simon Lawrence, ACIOB, MInstLM
Project Manager
T
M [redacted]

From: Kai Fabiunke [mailto:kai@studioe.co.uk]
Sent: 25 April 2014 16:12
To: 'Markharris@harleycw.co.uk'
Cc: Simon Lawrence; Bruce Sounes
Subject: 1279 Grenfell Tower - ACM Rainscreen Cladding

Hi Mark,

As discussed earlier, please find attached a couple of 3D images showing the detail we would like to achieve on the ACM rainscreen cladding panels.

The column casings are intended to consist of vertical recessed 'birds mouth' joints at corners and recessed horizontal joints. All fixings should ideally be hidden or located within the recessed joints.

The spandrel panels are shown full height including folded cill and head returns. The girth is approx 1405mm. If possible, we would like to avoid any intermediate horizontal joint. There is a recessed vertical fold at the interface with column casings.
The width between column casings is divided into two spandrel panels with a single vertical joint in between. Panel length would be approx. 3075mm at the wider corner bay / approx. 3535mm at the wider mid bay and approx. 2335mm at the bays facing south and north.

Could you please let us know if this could be done using the secret fixing system or if it has to be face fixed rivets. Would both fixing systems be within the budget?

If face fixed, what would the vertical centres of the T rails and horizontal centres of C channels need to be?
If secret fixed, what would the vertical centres of the supports need to be?

Please let us know your comments and how you would propose to detail the interfaces, recessed joints and folds and the rainscreen supports.

Finally, Bruce mentioned to me that we have vent louvers and roller shutters in some locations. The specified window system is Wicline 65 evo by Wicona. Could you please let me know you proposed products for windows, vent louvers and roller shutters?

Kind regards,

Kai Fabiunke

For and on behalf of
STUDIO E LLP
Palace Wharf, Rainville Road, London W6 9HN
T [redacted] | F [redacted] | www.studioe.co.uk

Winners of Queen's Award for Enterprise: Sustainable Development 2010
Winners of the Green Apple Award 2010
Winners of BSF Awards Excellence in Student Engagement 2009
Winners of Sustainable City Awards 2009
Winners of BCSE Awards Best School Architect 2008


Please consider the environment before printing this email.