India Williams - St. Petersburg Inverted Pyramid Revision

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To: <india.williams@stpete.org>
Date: 7/11/2014 11:06 AM
Subject: St. Petersburg Inverted Pyramid Revision
CC: <mayor@stpete.org>, <council@stpete.org>, <JACQUIC@risseroil.com>
Attachments: Scan0022.pdf

Please refer to my previous letter dated June 26th, 2014 referencing Ideas for the St. Petersburg Inverted Pyramid. The letter referred to several options for the inverted pyramid: I) Art museum 2) Pirate and Treasure Museum. Since that time I have been informed that FEMA requires the bottom of all structural beams be built above elevation +12.0.

Please view the attachment for possible ideas for needed revisions.

Best Regards,

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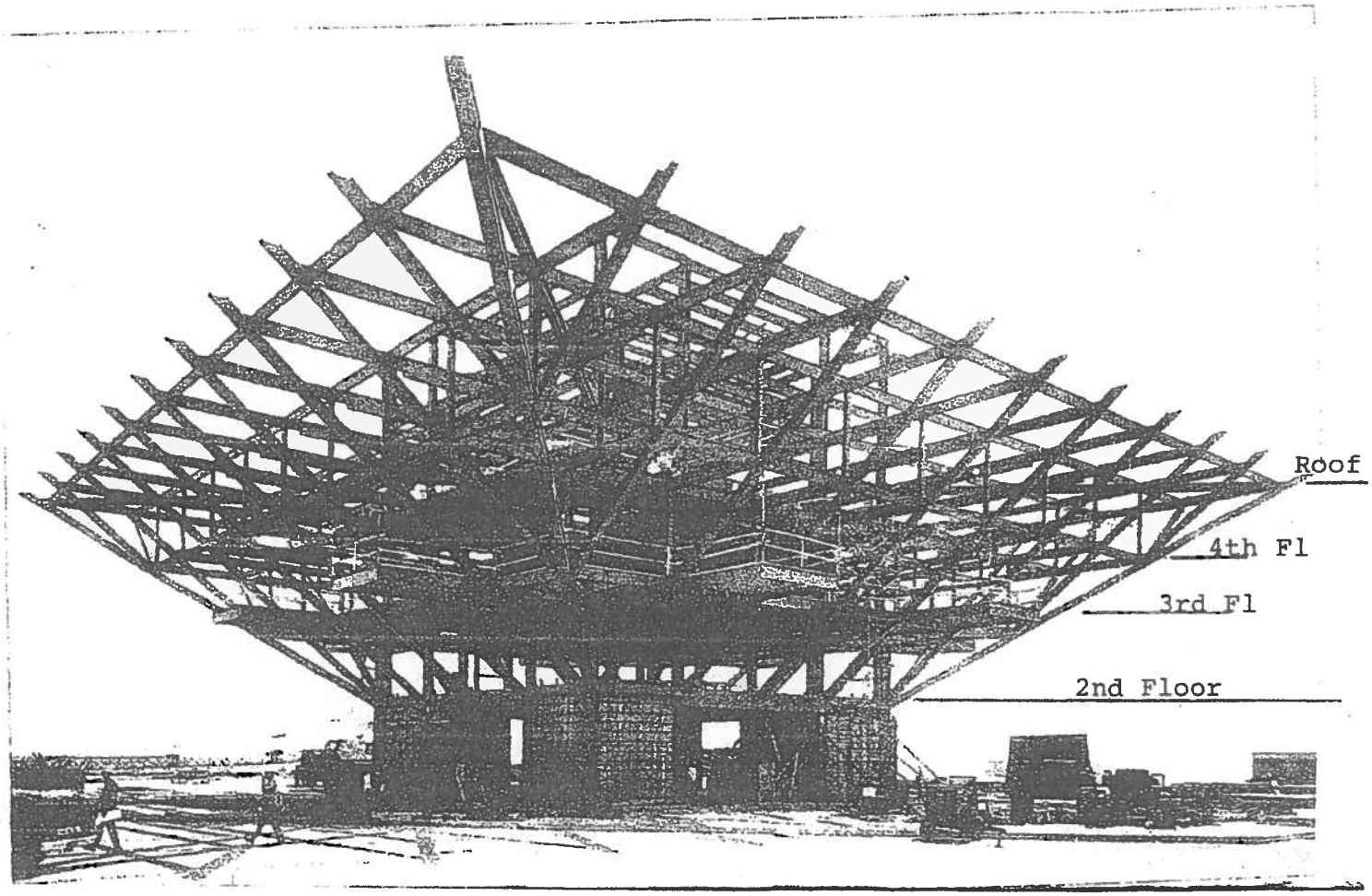

St. Petersburg Pier
Inverted Pyramid

I was recently informed that FEMA requires the bottom of all structural beams for shops, restaurants, A/C space, etc. must be built above elevation +12.0 reference MSL (mean sea level). The existing first floor is +8.0 elevation. We should not be discouraged. That simply means the lst floor of the inverted pyramid cannot be used for anything except perhaps for un-air-conditioned storage. Since the new pier will be built using the +12.0 requirement, a tie-in to the 2nd floor of the inverted pyramid can easily be done.

By studying the picture, you can see that the solid concrete caissons already extend through the first floor and support the second floor. Therefore there will not be a lot of expense for structural support of the second floor. Since the first floor is already small, the loss would not be very great. Ticket sales and souvenir shops can easily be placed in the new pier area.