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Our Ref: OM-DE/091

19 November 1997

MEMORANDUM

To : All PMs/APMs

From : Andrew Loh

Subject : **DESIGN CONTROL**
FSB REQUIREMENTS

Attached please find a copy of FSB Standing Committee Meeting minutes dated 12 November 1997 for your information.

ANDREW LOH

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ASSOCIATION OF CONSULTING ENGINEERS SINGAPORE

MEMBER OF THE INTERNATIONAL FEDERATION OF CONSULTING ENGINEERS (FIDIC)

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TO ALL MEMBERS (Via Fax)

12 November 1997

Er. William Tan attended the FSB Standing Committee Meeting on 10 November 1997 and reports for members' information as follows:

1. **The CD Household Shelter Seminar** will be held on 20 November 1997 and 21 November 1997, from 8.30 a.m. to 12.30 p.m. at Ngee Ann Poly Theatre 45. For information on registration, please call Lia Ho Tian Keng, FSB Tel: 8386427 or Rachel Tel: 8386434. The Act will be enforced on 1st May 1998. (When planning permission is submitted to URA).

2. **External Window Sprinkler System.** This is K.I.V. for the time being, but it may be brought up again at a later stage.

3. **A Protem Committee for Regulation of the Conduct & Practices of Registered RIs** will be formed for December 1997 and January 1998. This is an interim measure. The actual regulation will most probably be enforced in February 1998, under the Fire Safety Act. RIs are to note.

   ** For those who are Architectural RIs, please pay more attention when you come across FIRE RATED GLASS. You may contact Er. William Tan Boon Ngee, Tel: 3373667 when you have any cases.

4. Listing of **FIRE PUMPS** effective 1 June 1994 as per FSB's circular.

   One engineer, who is representing I Fire E, asked if the listing includes driver (motor/diesel engine), coupling/baseplate, controller, etc.

   Er. William Tan Boon Ngee then mentioned that it was agreed previously that only **bare pumps** need to be listed.

   If there is a change of requirements it will be made known, taking into account the grace period for implementation, and also the very high costs in obtaining a totally complete listing package of UL/FM/USA standards.

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5. The topic of fire rated pipeworks was mentioned. It was agreed that fire rated box up for dry riser and wet riser pipes can be of dry material type, and there is no need for wet masonry fire rated dry/wet riser pipes.

EXTERNAL HYDRANT PIPES are normally meant to be underground. But now with big condo projects, because of space constraints, the external hydrant pipes are run inside the building, in the basement carparks. The present requirements is that the HYDRANT PIPES running inside the carpark must be of wet masonry material.

The wet masonry hydrant pipes works for the basement areas are NOT stated in the Code. This is because in the earlier years, all hydrant pipes are run underground and on the external.

Two factors were raised:

It is very very difficult to install wet masonry box up for round pipes.

The second factor is that it is almost impossible to repair any pipe encased in concrete.

In view of the abovementioned factors, the current view of wet masonry construction for external hydrant pipes in basement car parks for example remains, but FSB may look into the other alternative to have dry fire rated construction.

ER. WILLIAM TAN BOON NGEE