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Our Ref: OM-DE/090

17 November 1997

MEMORANDUM

To : PMs/APMs (Mechanical)

From : Andrew Loh

Subject : **DESIGN CONTROL**
FLOOR TRAP

Attached please find a circular from CBPU (Sewerage Department) with regard to Requirements for Floor Traps.

ANDREW LOH

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/el

MINISTRY OF THE ENVIRONMENT
SEWERAGE DEPARTMENT

SEW/SAN/4.26

Tel: 7319163

22 Oct 97

President
The Institute of Engineers Singapore
70 Bukit Tinggi Road
Singapore 289758

→ FAX TO: ALL ACES MEMBERS
(12 11.97)

President
Singapore Institute of Architects
72B Tras Street
Singapore 079011

ALPHA
13 NOV 1997
FAX RECEIVED

President
Association of Consulting Engineers Singapore
51 Anson Road #02-65 Anson Centre
Singapore 079904

Dear Sirs

REQUIREMENTS FOR FLOOR TRAPS

We refer to the joint dialogue session between CBPU (ENV) and SIA, IES and ACES on 14 Oct 97 during which the subject of shallow floor trap was discussed

2 We wish to clarify that the Sewerage Department allows the use of floor traps so long as it complies with the following requirements (please see attached sketch):

- the trap is of the integral partition type with a water seal (a) of not less than 50 mm in depth,
- the passage clearance (b) is at least of the same size as the outlet of not less than 75mm in diameter,
- the outlet diameter (c) is not less than 75 mm.

3 An integral partition type floor trap is necessary to ensure that the water seal is maintained and not easily removed thereby allowing foul air from the sanitary plumbing system to enter the building.

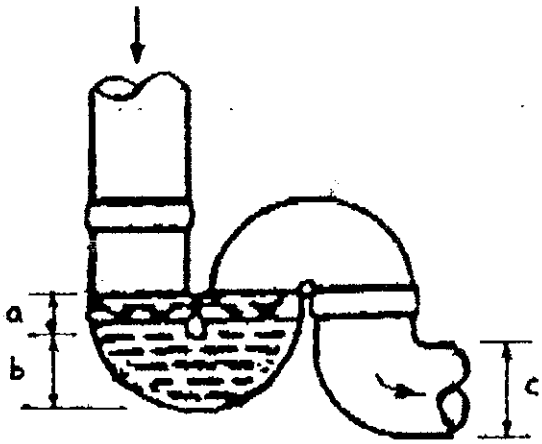
4 Please inform your members on the above.

ACES
President
Vice-Pres
Hon Sec
Hon Treas
Date Rec'd 27 OCT 1997
Remarks/Action
Circ to members
(27/10)

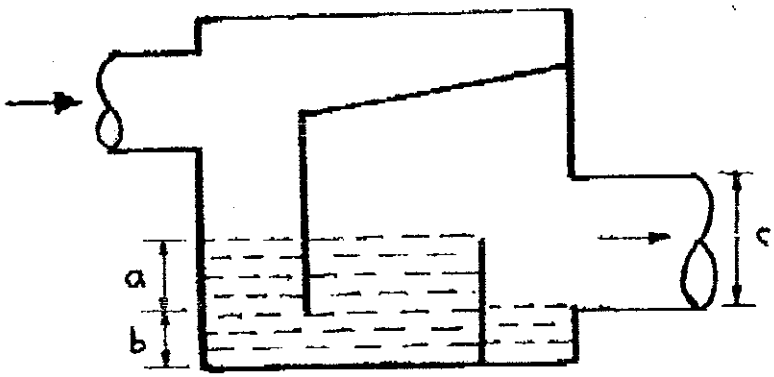
Yours faithfully

Steven Cheong
for Head
Sewerage department

CC CE (CBPU)



CONVENSIONAL 'U' BODY FLOOR TRAP



SHALLOW FLOOR TRAP

REQUIREMENTS FOR FLOOR TRAP

Water Seal (a)	:	Min 50mm
Passage Clearance (b)	:	- Outlet Ø or min 75mm
Outlet Ø (c)	:	Min 75 mm