

No. 1 Hampshire Road Singapore 219428
Tel: (65) 375 7100 Fax: (65) 396 1002

Our ref D21.003.000
Your ref.
DID 6396 1080 Fax 396 1145

24 May 2004

See Distribution List

To Whom It May Concern:

**STANDARD DETAILS OF ROAD ELEMENTS - REVISION TO
STRUCTURAL DETAILS OF ROADSIDE DRAINS AND REMOVAL
OF BUS BAY PHYSICAL SEPARATOR**

We would like to inform you that the details on the roadside drain and bus bay has been revised as shown in the following table.

S/No	Current Details	Improvements
1)	Precast Open U-Drain in LTA/RD/SD99/DRA/4A	Thickness of wall and base slab for deep precast open u-drains increased to enhance structural capacity. Table provided to indicate the required structural dimensions and reinforcements for different sizes of precast open U-drains etc.
2)	Precast Slabbed over U-drain in LTA/RD/SD99/DRA/5A	Thickness of top slab increased. Table provided to indicate the required structural dimensions and reinforcements for different sizes of precast slabbed over U-drains etc.
3)	Cast Insitu Slabbed over U-drain in LTA/RD/SD99/DRA/6A	Two layers of reinforcement slabs provided on top slab of drain. Reinforcement detailing at junction of wall and top slab improved.
4)	Bus bay details in LTA/RD/SD99/BUS/1A, 2A, 3A, 4A,5A , 6A AND 7A	Bus bay separator removed from the details. Reference is also made to obtain the details for the bus shelter from Architecture Dept/LTA

The documents are available at this website: - <http://www.corenet.gov.sg/einfo> for viewing and printing


SY HONG SOON
DEPUTY MANAGER
DESIGN DEVELOPMENT DEPARTMENT

DISTRIBUTION LIST

1. President
Singapore Institute of Architects
79 Neil Road
Singapore 088904
2. President
Association of Consulting Engineers, Singapore
52 Anson Road #02-65
Anson Centre
Singapore 079904
3. President
Institute of Engineers, Singapore
70 Palmer Road, #04-06 Singapore 079427
Singapore 289758
4. President
Real Estate Developers' Association of Singapore
190 Clemenceau Avenue #07-01
Singapore Shopping Centre
Singapore 239924
5. President
Singapore Contractors Association Pte Ltd
1 Bukit Merah Lane 2
Singapore 159760
6. Chief Executive Officer
Building and Construction Authority
5 Maxwell Road #16-00
Tower Block, MND Complex
Singapore 069110
7. Chief Civil Engineer
Housing & Development Board
480 Lorong 6 Toa Payoh
HDB Hub
Singapore 310480
8. Chief Executive Officer
Urban Redevelopment Authority
45 Maxwell Road
URA Centre
Singapore 760934
9. Chief Executive Officer
JTC Corporation
The JTC Summit
The JTC Corporation
8 Jurong Town Hall
Singapore 609434
10. Director
Drainage Department
Public Utilities Board
40 Scotts Road #18-00
Environment Building
Singapore 228231