

251 North Bridge Road Singapore 179102
Tel: 1800-CALL LTA (1800-2255 582) Fax: (65) 6332 8223

Please Quote Our Reference
Number In Your Reply

25 January 2008

To: All Contractors, Engineers and Developers

Our Ref.: RP/07.01.00

Dear Sir,

DRILLING WORKS FOR SOIL INVESTIGATION AND PILE FOUNDATION IN THE VICINITY OF UNDERGROUND RAPID TRANSIT SYSTEMS

1. Since the completion of the 20 km of North East Line underground rapid transit systems, the total length of the underground MRT line has increased to 45 km. Phase 1 and 2 of the Circle Line are substantially completed and construction of Phase 3, 4 and 5 are on-going. The construction of Downtown Line Stage 1 has started.
2. The underground rapid transit systems currently stretches from:
 - Bishan Station to Marina Bay Station;
 - City Hall Station to Kallang Station;
 - Redhill Station to Raffles Place Station;
 - Expo Station to Changi Airport Station;
 - Harbourfront Station (near World Trade Centre) to Outram Park, Dhoby Ghaut and Punggol Station,
 - A short length along Woodlands Avenue 3 between Kranji Station and Marsiling Station;
 - A short length along Sims Avenue East between Jalan Sayang and Chai Chee Drive;
 - Crossing under land bounded between Bukit Batok Central and Bukit Batok Street 52; and
 - Dhoby Ghaut Station to Kim Chuan Depot to Marymount Station
3. Once the Circle line is completed, an additional stretch of underground rapid transit system will start from Dhoby Ghaut, through Paya Lebar, Serangoon, Bishan, Buona Vista and end at Harbour Front MRT station.
4. The Downtown Line Stage 1 is routed from Chinatown through Marina Bay to Bugis.
5. The underground structures are not only located under road carriageway but also beneath existing buildings and open spaces. Some examples of such locations are between Outram Park Station and Tanjong Pagar Station, under Mount Sophia and Mount Emily area, between Farrer Park Station and Boon Keng Station, near Punggol Community Centre, and below the end of Jalan Naung near HDB Blk 837 near Hougang Station etc.

6. On 25 Oct 2001, a soil investigation company carrying out soil investigation works within a building at Race Course Road sunk his drilling rod into the MRT tunnel. The boring went into the precast concrete tunnel lining. This could have resulted in a very nasty accident with serious consequences if there was a moving train in the tunnel.
7. We strongly urge that you exercise caution and carry out necessary checks on whether your proposed works are within the railway protection zone or railway corridor before you proceed with drilling or construction works at site.
8. Please be informed that under Sections 22 and 23 of the Rapid Transit Systems Act, any person who wilfully endangers the safety of any person being upon the railway or who wilfully causes damage to the railway shall be guilty of an offence and may be fined up to a maximum of \$10,000 or \$200,000 respectively. In addition, the offender may be subjected to an imprisonment term.
9. The installation of boreholes, works, sheet piles, pile foundation, ground anchors, horizontal tie backs are restricted activities in the schedule of the Rapid Transit Systems (Railway Protection, Restricted Activities) Regulations. Before you start any engineering works such as drilling or other construction work at site, you must obtain our clearance under this regulation.
10. Alignment plans of the MRT lines are available for viewing in LTA's office at 251 North Bridge Road. Should you have development or building works within the railway protection zone or railway corridor, you must obtain the necessary approvals from LTA under the Rapid Transit Systems (Development and Building Works in Railway Corridor and Railway Protection Zone) Regulations.
11. Safety of the public using the rapid transit systems can only be safeguarded with your co-operation. We, therefore, seek your full co-operation and assistance to safeguard and ensure the safety of the rapid transit systems through necessary checks with information available in our office and to obtain approval from LTA for works within the railway corridor and railway protection zone.

Yours faithfully



QUEK TECK BENG
DEPUTY DIRECTOR
DEVELOPMENT & BUILDING CONTROL

cc:

<p>President Singapore Contractors Association Ltd 1 Bukit Merah Lane 2 Construction House Singapore 159760</p>	<p>President Institution of Engineers, Singapore 70 Bukit Tinggi Road Singapore 289758</p>
<p>President Association of Consulting Engineers Singapore 70 Palmer Road #04-06 Palmer House Singapore 079427</p>	<p>President Singapore Real Estate Developers Association 190 Clemenceau Avenue #07-01 Singapore Shopping Centre Singapore 239924</p>