



June 15, 2012

MEMORANDUM

T O : ALL BUILDING ADMINISTRATORS/OWNERS OF EXISTING HIGH AND MEDIUM RISE BUILDINGS, CONTRACTORS, DEVELOPERS, PROJECT AND SAFETY ENGINEERS OF ON-GOING CONSTRUCTION, DEMOLITION OR EXCAVATION PROJECTS (PRIVATE OR GOVERNMENT)

SUBJECT : SAFETY PRECAUTIONS DURING TYPHOONS, NATURAL DISASTER AND EMERGENCIES

The City Government of Makati would like to ensure that all privately owned existing buildings as well as government institutions within its jurisdiction are well provided with complete facilities and safe for occupancy.

In this connection, you are hereby enjoined to strictly enforce and observe the following safety precautionary measures in order to minimize, if cannot be totally eliminated, sudden loss of lives and destruction on properties, should strong typhoons, earthquakes, floods and other forms of natural disaster hit the metropolis and during other emergency cases.

For Existing Buildings (High and Medium Rise)

1. All means of exits shall have to be free from any form of obstruction, making it passable at all times, and with illuminated exit sign properly installed for the awareness of people during emergencies;
2. On possible outbreak of fire on any portion of the building, all Fire Suppression Systems shall be operation on automatic mode. Other means of fire protection such as Fire Hose Cabinet, properly installed on all floor levels, chemically filled and serviceable fire extinguishers available on every unit, as well as the existence of properly maintained fire ladder.
3. During sudden brownouts/temporary shut off of electrical powers, a Standby Generator shall have to be provided for the building and emergency lights on distinct places of the hallways shall be made available and operational;
4. All Mechanical Ventilation shall be in automatic mode especially Pressurization Blowers and Smoke Evacuation Fans;
5. Elevators shall rest at the ground level during emergencies;
6. And for those buildings having been in existence for the last 15 years or above, a Certification on the soundness and structural stability of the same, duly signed and sealed by a private Structural Engineer is required pursuant to DPWH- NBCCDO Memorandum Circular No. 0, Series of 2007.
7. For all existing, proposed and on-going construction of high rise buildings to comply with the DPWH Memorandum Circular NO. 3, Series of 2011, requiring the installation of Seismograph for data acquisition on the ground movement due to earthquakes and the building's response due to typhoons, shall be enforced as provided in the National Structural Code of the Philippines. (NSCP).

For On-Going Construction, Demolition or Excavation:

1. Whenever a typhoon is expected to pass at or near construction or demolition site, all construction materials, equipment and scaffolds shall be secured against displacement by wind forces. Likewise, construction sheds, temporary light and power, mechanical equipment, protective canopy and nets shall be adequately braced and fastened to prevent danger from sudden twist, spring or collapse
2. Where a full complement of personnel is employed for such protection purposes, normal construction activity or uses of materials or equipment may continue, allowing reasonable time as necessary to secure such materials or equipment before winds of gale force are anticipated, in accordance with warnings or advisories issued by **PAGASA**;
3. The sides of every excavation, including grenches for pipes, shall be checked regularly especially during heavy rains to ensure that the soil are prevent from caving in;
4. Existing footings or foundation of any buildings, public utilities and underground facilities shall be underpinned, braced or shored adequately and protected from settlement to avoid hazard to public safety, health welfare caused by the inadvertent disruption of facilities.
5. All construction personnel especially project and safety engineers must be responsible and well acquainted for in supervising and monitoring precautionary easures in time of calamity and force majures in their respective areas;
6. To comply with the City Building Official's Memorandum Circular dated December 2011, requiring to include the regular declogging of the drainage surrounding your on going project's jobsite and to submit a Maintenance Report every month until the project is fully completed;

For All Mechanical Equipments on Jobsite:

1. All Tower Cranes shall cease to operate and shall have to be on free will mode (if its circular path is not obstructed);
2. Construction elevators shall rest at the ground level during emergencies and no in use;
3. Construction elevator cage shall be free from any form of obstruction to avoid blockage of wind flow;
4. All loose mechanical components of construction equipment and devices shall be properly secured and adjusted at all times.

In cases where construction accident has likely occurred despite safety precautions, resulting to serious injuries or sudden death, the Contractor/Building Owner or its Project and Safety Engineer, is hereby required to report within eight (8) working hours to the Makati Police and at the Office of the Building Official of Makati said incident.

For Existing Billboard/Signage Structures & Led Information Signages:

1. All Regulated Billboard Structures/Signs, Temporary Signs and LED Signs along covered areas shall automatically be put down or rolled, and its electronic led signage turned off by the advertisers or owners, upon the announcement of **PAGASA**, with regards to low pressure area or other weather disturbance in Metro Manila.

For further information and emergency assistance, you may direct your call at the Office of the Building Official at Tel #896-86-88 and 870-1217; or directly call 168.

Your full cooperation on this matter is highly expected.


ENGR. NELSON B. MORALES
City Building Official

Copy furnish: Office of the Mayor
Construction Safety Foundation, Inc. (CSFI)
DPWH Secretary
ICRD
Philippine Society of Mechanical Engineers (PSME)
Liga ng mga Barangay
Outdoor Advertising Assoc. Of the Phils. (OAAP)
MACEA
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