Building “Safety” & “Resiliency” into a Philippine Law

Undersecretary Karen Jimeno
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Department of Public Works & Highways
Boracay Island, Philippines
Boracay streets
Fire guts a hundred houses in Boracay

By Elyrose S. Naorbe, for CNN Philippines

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NDRRMC ang magarekomenda sang state of calamity declaration para sa Boracay – task force

- Bombo Radyo Iloilo

5 days ago

Boracay Island from DENR photo
Demolition of Illegal structures in Boracay

[Image: A photo showing illegal structures being demolished in Boracay.]
The DOT and Department of the Interior and Local Government is eyeing a 60-day shutdown of the island from June 1 to July 31 to enable the demolition of illegal structures and other activities.
Task force ready to present master plan for Boracay

Nestor P. Burgos Jr.
Proposed Framework

Legal Framework

CURRENT
• National Building Code: PD 1096 (1977) and other national legislations such as Fire Code of 2008
• IRR
• Referral Codes

PROPOSED
• Philippine Building Act of 2017 and other national legislations such as Fire Code of 2008
• IRR
• Reference Standards

“National Building Code”
The Philippine Building Act is the product of 2 Years of Consultative Process
PROPOSED

• Policy of the State to mainstream disaster risk reduction and management (Section 2)
• Objective of the Act to reduce and manage hazards, exposures, and vulnerabilities, (Section 3)
• General design requirements consider multiple hazards at the specific location, site and zone (Section 14, Section 15, Section 17, Section 19, Section 23)
Existing “Philippine National Building Code”

Chapter 1. General Provisions
Chapter 2. Administration and Enforcement
Chapter 3. Permits and Inspection
Chapter 4. Types of Construction*
Chapter 5. Requirements for Fire Zones*
Chapter 6. Fire Resistive Requirements in Construction*
Chapter 7. Classification and General Requirements of All Buildings by Use or Occupancy*
Chapter 8. Light and Ventilation*
Chapter 9. Sanitation*
Chapter 10. Building Projection over Public Streets*
Chapter 11. Protection of Pedestrians during Construction or Demolition*
Chapter 12. General Design and Construction Requirements*
Chapter 13. Electrical and Mechanical Regulations*
Chapter 14. Photographic and X-ray Films*
Chapter 15. Prefabricated Constructions*
Chapter 16. Plastics*
Chapter 17. Sheet Metal Paint Spray Booths*
Chapter 18. Glass and Glazing*
Chapter 19. The Use of Computer*
Chapter 20. Signs*
Proposed “Philippine Building Act”

Chapter I. GENERAL PROVISIONS
Chapter II. CLASSIFICATION OF BUILDINGS *
Chapter III. LOCATION, SITING, AND ZONING REQUIREMENTS *
Chapter IV. DESIGN REQUIREMENTS *
Chapter V. CONSTRUCTION REQUIREMENTS *
Chapter VI. BUILDING MATERIALS *
Chapter VII. OCCUPANCY, MAINTENANCE, AND ABATEMENT OF BLDGS
Chapter VIII. ADMINISTRATION
Chapter IX. PERMITS AND INSPECTIONS
Chapter X. INCENTIVES AND PENALTIES
Chapter XI. FINAL PROVISIONS
National Administration

CURRENT

• Secretary of the Department
• National Building Code Review Committee (NBCRC)
• NBCP Board of Consultants (NBCP–BoC)
• NBC Development Office (NBCDO)

PROPOSED

• National Building Official (NBO)
• Building Regulations and Standards Council (BRSC)
• Technical Working Groups (TWGs) of BRSC
• Office of the National Building Official (ONBO)
• Regional Bldg Appeals Boards (RBABs)
Reference Standards
[Local] Building Official

CURRENT

• Concurrent Office of City/Municipal Engineer

PROPOSED

• Separate OLBO for city or 1st class municipality
• Concurrent Office of City/Municipal Engineer
• Cluster OLBO for adjacent 2nd to 6th class municipalities that are accessible to each other
Accredited Persons*

CURRENT
• Building Contractor
• Building Professional

PROPOSED
• Building Certifier
• Structural Peer Reviewer
• Testing Laboratory
• Building Inspector
Figure 13. Capacitating the Stakeholders in the Building Regulatory System
Figure 9. Classification of Buildings According to Permitting Process
Legend:

NBO - National Building Official
LBO - Local Building Official
AFP - Armed Forces of the Philippines

Special Jurisdiction

Cluster
(Second to Sixth Class Municipalities)

Figure 8b. Offices of Local Building Official Categorized According to Jurisdiction
Streamlined the Building Permit Issuance Process

- Joint Memorandum Circular with DILG, DICT, DPWH, DTI (2017)
- Pilot Implementation in Quezon City & Valenzuela City
Thank You!