



**Hon. Jonas Cortes**  
Mayor  
City of Mandaue

9:30 a.m.



# GREEN BUILDING MOVEMENT

Mandaue City's Journey to Building Green



**MOVE**  
**MANDAUE**

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# GREEN BUILDING CONSULTATIONS (2014 - 2015)



# Green Building Office Green Building Board Secretariat



# MANDAUE CITY GREEN BUILDING ORDINANCE 2015



Republic of the Philippines  
CITY OF MANDAUE  
Sangguniang Panlungsod

Thirteenth SP Session  
EXCERPT FROM THE JOURNAL OF THE 16<sup>th</sup> SPECIAL SESSION  
HELD BY THE SANGGUNIANG PANLUNGSOD  
AT THE VICE MAYOR'S OFFICE ON AUGUST 28, 2015

PRESENT:

Hon. Glenn O. Bercede	Vice Mayor/Presiding Officer
Hon. Emmarie M. Osano-Dizon	Pro Tempore President
Hon. Jose Jefferson C. Ceniza	SP Member
Hon. Diosdado P. Suico	Floor Leader
Hon. Editha Flores-Cabahug	SP Member
Hon. Nenita Ceniza-Layese	SP Member
Hon. Jimmy C. Lumapas	SP Member
Hon. Demetrio C. Cortes, Jr.	SP Member
Hon. Elstone C. Dabon	SP Member
Hon. Benjamin H. Basiga	SP Member
Hon. Ernie N. Manatad	President Liga ng mga Barangay

ON OFFICIAL BUSINESS:

Hon. Beethoven C. Andaya	Asst. Floor Leader
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ORDN. # 13-2015-1047

## THE GREEN BUILDING ORDINANCE OF MANDAUE CITY

WHEREAS, the 1987 Constitution of the Republic of the Philippines recognizes the right of the people to a balanced and healthful ecology in accord with the rhythm and harmony of nature;

WHEREAS, Republic Act 7160 (Local Government Code of 1991) mandates all Local Government Units to ensure and promote the health and safety of the people, and enhance their right to a balanced ecology;

WHEREAS, overwhelming scientific evidence shows that global warming is altering the earth's normal temperature and rainfall patterns, and that human activities such as burning of fossil fuel and land use change due to rapid urbanization are considered as significant factors that contribute to the Green House Gas (GHG) balance of the earth, which in turn leads to climate change;



09/23/2015



Republic of the Philippines  
CITY GOVERNMENT OF MANDAUE  
SANGGUNIANG PANLUNGSOD  
2<sup>nd</sup> Floor, East Wing, City Hall, Centro Mandaue City 6014  
Tel. (832) 2840985  
Tele Fax (832) 2809988



### DRAFT ORDINANCE # (63-202)

#### AN ORDINANCE AMENDING CITY ORDINANCE # 13-2015-1047 OTHERWISE KNOWN AS "THE GREEN BUILDING ORDINANCE OF MANDAUE CITY"

WHEREAS, the 1987 Constitution of the Republic of the Philippines recognizes the right of the people to a balanced and healthful ecology in accord with the rhythm and harmony of nature;

WHEREAS, Republic Act 7160 (Local Government Code of 1991) mandates all Local Government Units to ensure and promote the health and safety of the people and enhance their right to a balanced ecology;

WHEREAS, overwhelming scientific evidence shows that global warming is altering the earth's normal temperature and rainfall patterns and that human activities such as burning of fossil fuel and land use change due to rapid urbanization are considered as significant factors that contribute to the Green House Gas (GHG) balance of the earth which in turn leads to climate change;

WHEREAS, the effects of climate change are now being felt throughout the world in periods of long drought, abnormal deluges and floods globally known as El Niño and La Niña phenomena and more unpredictable weather conditions and recent weather-related environmental catastrophes demonstrate the harmful effects of climate change in the Philippines;

WHEREAS, these intertwined problems of climate change, social inequity, rising energy prices, and degradation of the natural systems require an integrated response that goes far beyond reducing carbon emissions;

WHEREAS, climate change adaptation must be inextricably linked with actions to create and maintain jobs, improve community livability and public health, address social inequity and foster strong, resilient natural system;

WHEREAS, it is globally recognized that green building can significantly improve energy, water and resource efficiency, reduce waste and pollution generation, protect the environment and improve occupant's health and productivity;

WHEREAS, it has become imperative for both public and private buildings to include green building and landscape requirements based on local climatic, geological and topographical conditions which while stricter than current building standards are shown to be cost effective over the life of the building;

WHEREAS, in order to ensure environmental sustainability of buildings, reduce its negative impact to health and environment and consequently drive market transformation, there is a need for the Local Government as building regulator to formulate, adopt and implement green building regulations;

Acceded Final Draft

WHEREAS, the City of Mandaue has a long-standing commitment to leadership in Green building standards, sustainable design and construction practices, efficient water and other resource conservation and management and the reduction of Green House Gas Emissions;

WHEREAS, the continuing development of real estates and land development projections must be mindful of the basic principles of conservation, environmental protection and planning patterns that consider the natural environment;

WHEREAS, the institutionalization of eco-friendly systems and technologies supports government efforts to reduce greenhouse gases and other hazardous emissions from buildings and other structures;

WHEREAS, the implementation of a green infrastructure policy emphasizes the need to promote and protect the interrelation of the natural ecosystem and development as these are key factors that contribute to sustainable development, empowerment of the people and urban development;

WHEREAS, the government should lead by example and have all new public buildings in Mandaue and incorporate green building principles and obtain rating as applicable; WHEREAS, emerging parts of cities are more responsive to higher building standards, becoming green building focal areas;

WHEREAS, this ordinance is in concurrence to City Ordinance No. 13-2015-1073 (The New Comprehensive Investment Code of Mandaue City) which aims to create an environment for sustainable economic growth and livable society through responsive governance and multi-sectoral involvement.

Wherefore, the SIXTEENTH SANGGUNIANG PANLUNGSOD OF MANDAUE with members in session duly assembled, hereby ORAINS that:

SECTION 1: TITLE - This Ordinance shall be known and referred to as "AMENDING ORDINANCE # 13-2015-1047 OTHERWISE KNOWN AS The Green Building Ordinance of Mandaue City".

SECTION 2 : AMENDMENTS - This The following amendments are hereby made to Ordinance No. 13-2015-1047 as follows:

Section 2A: ARTICLE III under Definition of Terms is hereby amended and shall read as follows:

**The Building for Ecologically Responsive Design Excellence (BERDE) Rating Certification System** - The BERDE Green Building Rating System is a tool to measure the environmental performance of buildings in the country. It serves as both a guideline for the design construction, and operation of sustainable buildings, and a mechanism for recognizing the environmental stewardship of ecologically responsive structures. The use of BERDE removes the burden of time and resources from the city in developing and maintaining a new standard or system.

**Building Height Limit (BHL)** - The maximum height to be allowed for buildings/structures based on their proposed use or occupancy; The Building Height Limit (BHL) of any proposed building/structure shall only be as allowed under the Rule (Table VII.2 of National Building Code and Article III of Mandaue City Zoning Ordinance No.14-2016-1119). The BHL shall be generally measured from the established grade line to the topmost portion of the proposed building/structure.

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thereby shall continue to be effective.

SECTION 16. **EFFECTIVITY CLAUSE.** - This ordinance shall take effect fifteen (15) days following its publication in a newspaper of general circulation.

ENACTED without objection after its second and final reading on August 28, 2015 with favorable recommendation from the reference Committee on Laws and Ordinances, as proposed by Honorables Ernie N. Manatad, Nenita Ceniza-Layese, Diosdado P. Suico, Demetrio C. Cortes, Jr., Jimmy C. Lumapas and Elstone C. Dabon.

CERTIFIED TRUE AND CORRECT.  
Mandaue City, Philippines, 09/23/2015



GLENN O. BERCEDE  
Vice Mayor and Presiding Officer

ATTESTED:

FRELYN ABANAG  
City Secretary



APPROVED:  
04/29/2015

JONAS C. CORTEZ  
City Mayor

APPROVED FOR AMENDMENT IN 2023

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STAGE 1



Mandani Bay



STAGE 2



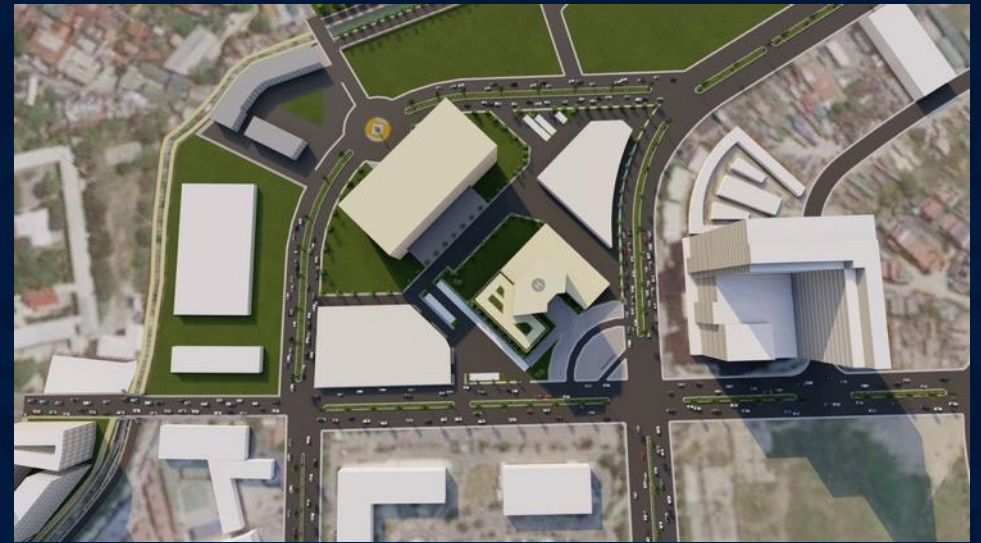


# TIPOLO RESIDENCES





# MANDAUE GOVERNMENT CENTER





# 34 LGU PERSONNEL & 6 CONSULTANTS CERTIFIED AS BERDE PROFESSIONALS





# BERDE YOUTH ORIENTATION PROGRAM (BYOP)



Thank  
you.



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