



# SPECIAL RELEASE

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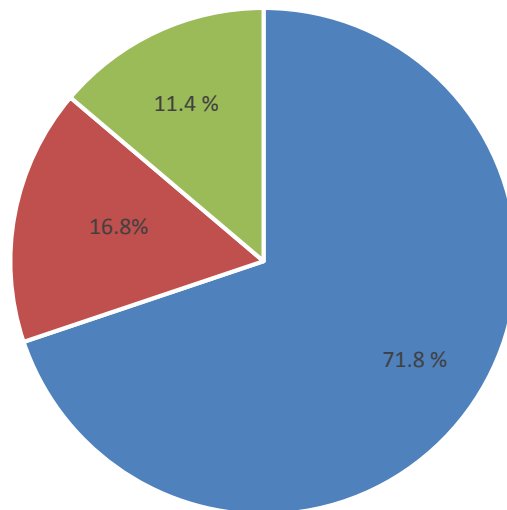
## Construction Statistics from Approved Building Permits First Quarter 2018: Ilocos Region (Preliminary Results)

### Construction projects reach 2,762 in first quarter 2018

Approved building permits in first quarter 2018 totaled to 2,762. Of the total construction projects, 1,982 or 71.8 percent were residential-type buildings, 464 or 16.8 percent were non-residential, and 316 or 11.4 percent were additions, alterations and repair constructions.

Figure 1 shows the distribution of construction projects by type for the 1<sup>st</sup> quarter of 2018.

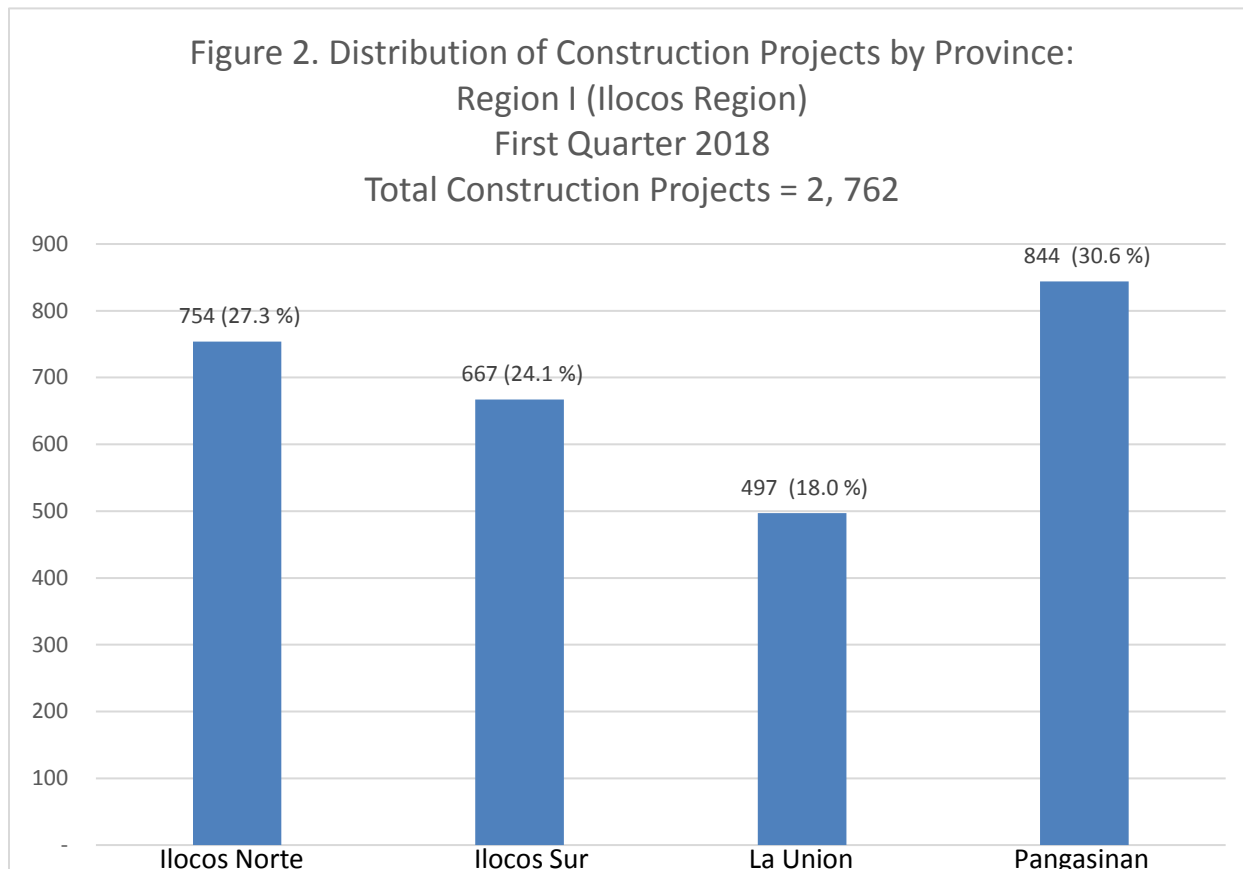
Figure 1. Percentage Distribution of Construction Projects by Type, Region I (Ilocos Region)  
First Quarter 2018



■ Residential ■ Non-Residential ■ Addition/Alteration & Repair

Among the provinces in Region I, the highest number of construction projects was recorded in Pangasinan with 844, accounting to 30.6 percent of the total construction projects, followed by Ilocos Norte with 754 (27.3 percent), Ilocos Sur with 667 (24.1 percent) and La Union with 497 (18.0 percent).

Figure 2 shows the distribution of construction projects by province for the first quarter of 2018.



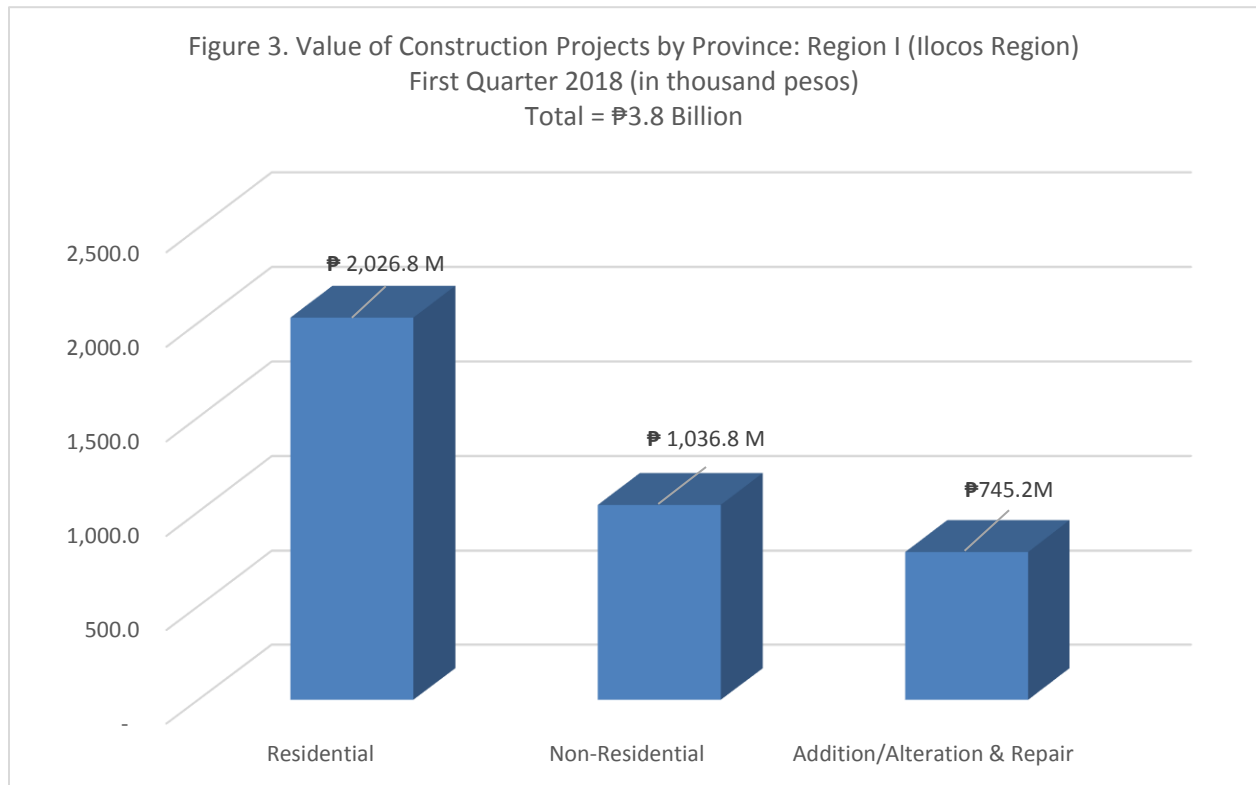
### **Total value of construction amounts to ₱3.8 billion**

Total value of construction from approved building permits for the first quarter of 2018 was recorded at ₱3.8 billion.

By type of construction projects, value of residential buildings amounted to ₱2.0 billion, while non-residential construction buildings were valued at ₱1.0 billion for the first quarter of 2018.

Combined value of constructions for additions, alterations and repairs of existing structures was estimated at ₱745.2 million.

Figure 3 displays the aggregate value of construction by type for the first quarter of 2018.



**Average cost per square meter of residential building construction is ₱8,773**

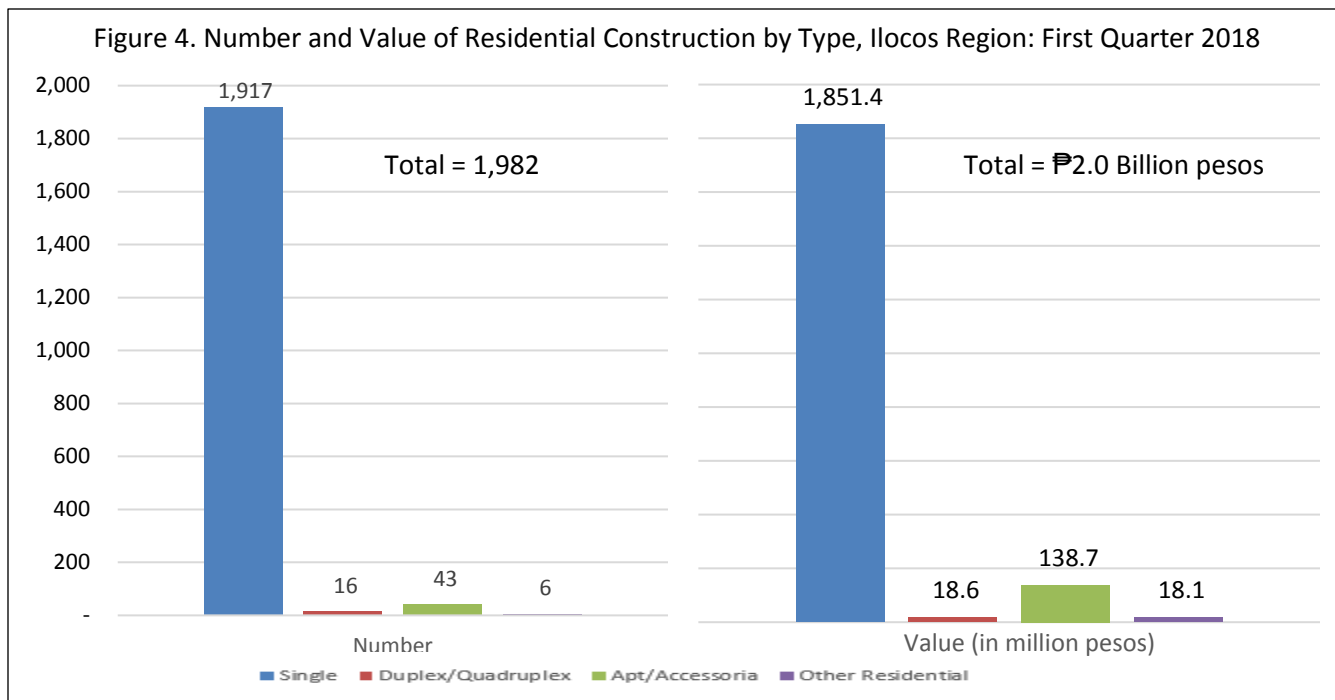
Total value of construction for residential buildings was ₱2.0 billion with a total floor area of 216,286 square meters, translating to an average cost of ₱9,371 per square meter.

Among the residential constructions, single houses recorded the bulk of the projects accounting for 96.7 percent of the total. Total value of construction for this type reached ₱1.8 billion covering a total floor area of 199,249 square meters, translating to an average cost of ₱9,292 per square meter.

Apartment/accessoria ranked far second with 43 construction projects representing 2.2 percent of the total residential construction. This type of residential building has an estimated construction value of ₱138.7 million with a total floor area of 13,567 square meters, translating to an average cost of ₱10,223 per square meter.

Duplex houses recorded a total of 16 construction projects representing 0.8 percent of the total residential construction. Total construction value for this type amounted to ₱18.6 million and a total floor area of 2,218 square meters or an average cost of ₱8,367 per square meter.

Figure 4 shows the number and value of residential construction by type for the first quarter 2018.



### Commercial building dominates non-residential construction projects

The total value of non-residential building constructions in the region reached ₱1.0 billion with a total floor area of 115,629 square meters, reflecting an average cost of ₱8,966 per square meter.

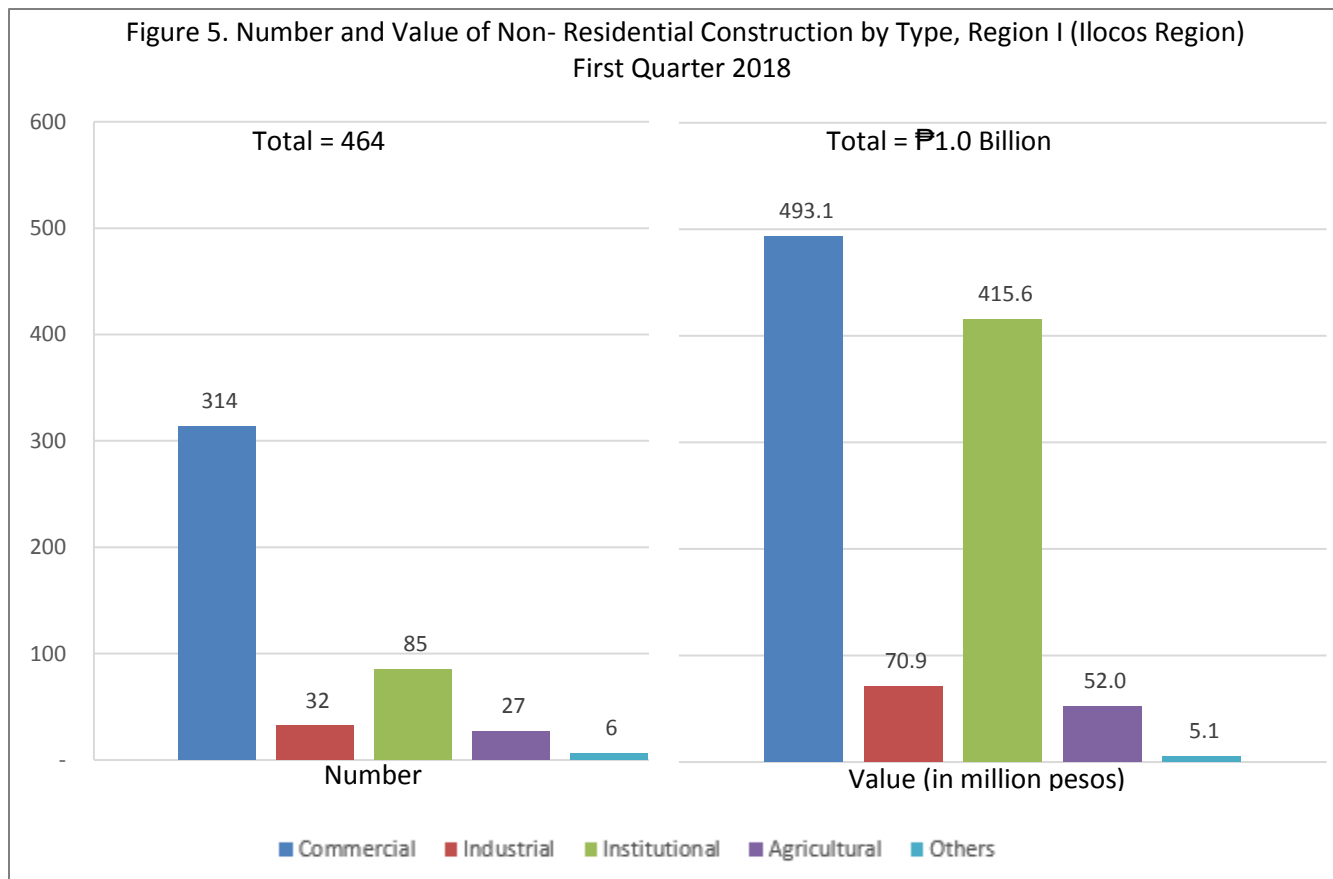
Commercial buildings had the highest number with 314 construction projects or 67.7 percent of the total non-residential constructions. Value of construction for this type was estimated at ₱493.1 million covering a total floor area 59,956 square meters or an average cost of ₱8,224 per square meter.

Institutional buildings distantly followed with 85 construction projects or 18.3 percent of the total non-residential construction with a total construction value of ₱415.6 million and a total floor area of 38,696 square meters or an average cost of ₱10,741 per square meter.

Industrial buildings followed with 32 construction projects or 6.9 percent of the total non-residential building construction. It has a total construction value of ₱70.9 million and with a total floor area of 7,982 square meters or an average cost of ₱8,882 per square meter.

Agricultural buildings ranked fourth with 27 construction projects. It comprised 5.8 percent of the total non-residential building constructions with construction value of ₱52.0 million with a total floor area of 8,995 square meters or an average cost of ₱5,784 per square meter.

Figure 5 shows the number and value of non-residential construction by type for the first quarter 2018.



**TABLE 1 Number, Floor Area and Value of Constructions by Type and by Province: First Quarter, 2018**

Region/ Province	Total			Residential			Non-Residential		
	Number	Floor Area (sq.m.)	Value (PHP1,000)	Number	Floor Area (sq.m.)	Value (PHP1,000)	Number	Floor Area (sq.m.)	Value (PHP1,000)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
I - Ilocos Region	2,762	337,438	3,808,783	1,982	216,286	2,026,793	464	115,629	1,036,773
Ilocos Norte	754	83,638	744,002	582	58,809	509,515	84	22,147	189,287
Ilocos Sur	667	76,105	759,405	415	42,638	386,123	82	31,764	282,412
La Union	497	60,886	1,093,336	355	42,717	385,866	125	17,614	141,499
Pangasinan	844	116,809	1,212,040	630	72,122	745,289	173	44,104	423,576

(Details may not add up to total due to rounding)

**TABLE 1 Cont'n**

Region/ Province	Addition			Alteration and Repair		Demolition/Moving		Street Furniture/ Landscaping/Signboard	
	Number	Floor Area (sq.m.)	Value (PHP1,000)	Number	Value (PHP1,000)	Number	Value (PHP1,000)	Number	Value (PHP1,000)
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
I - Ilocos Region	79	5,523	49,562	237	695,655	5	105	71	42,449
Ilocos Norte	51	2,682	23,380	37	21,819	-	-	38	8,934
Ilocos Sur	18	1,703	15,641	152	75,230	-	-	6	9,900
La Union	6	555	5,254	11	560,717	4	90	10	2,754
Pangasinan	4	583	5,287	37	37,889	1	15	17	20,862

(Details may not add up to total due to rounding)

**TABLE 2 Number, Floor Area and Value of Residential Constructions by Type and by Province: First Quarter, 2018**

Region/ Province	Total			Single			Duplex/Quadruplex		
	Number	Floor Area (sq.m.)	Value (PHP1,000)	Number	Floor Area (sq.m.)	Value (PHP1,000)	Number	Floor Area (sq.m.)	Value (PHP1,000)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
I - Ilocos Region	1,982	216,286	2,026,793	1,917	199,249	1,851,447	16	2,218	18,557
Ilocos Norte	582	58,809	509,515	574	56,046	486,060	1	415	2,430
Ilocos Sur	415	42,638	386,123	408	40,829	359,632	-	-	-
La Union	355	42,717	385,866	346	40,418	369,593	7	775	6,832
Pangasinan	630	72,122	745,289	589	61,956	636,163	8	1,028	9,296

(Details may not add up to total due to rounding)

**TABLE 2 Cont'n**

Region/ Province	Apartment/Accessoria			Residential Condominium			Other Residential		
	Number	Floor Area (sq.m.)	Value (PHP1,000)	Number	Floor Area (sq.m.)	Value (PHP1,000)	Number	Floor Area (sq.m.)	Value (PHP1,000)
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
I - Ilocos Region	43	13,567	138,701	-	-	-	6	1,252	18,087
Ilocos Norte	7	2,348	21,026	-	-	-	-	-	-
Ilocos Sur	7	1,809	26,491	-	-	-	-	-	-
La Union	2	1,524	9,441	-	-	-	-	-	-
Pangasinan	27	7,886	81,743	-	-	-	6	1,252	18,087

(Details may not add up to total due to rounding)

**TABLE 3 Number, Floor Area and Value of Non-Residential Constructions by Type and by Province: First Quarter, 2018.**

Region/ Province	Total			Commercial			Industrial		
	Number	Floor Area (sq.m.)	Value (PHP1,000)	Number	Floor Area (sq.m.)	Value (PHP1,000)	Number	Floor Area (sq.m.)	Value (PHP1,000)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
I - Ilocos Region	464	115,629	1,036,773	314	59,956	493,083	32	7,982	70,898
Ilocos Norte	84	22,147	189,287	41	9,962	85,367	8	2,559	15,907
Ilocos Sur	82	31,764	282,412	70	21,325	149,894	2	106	685
La Union	125	17,614	141,499	101	10,462	77,276	7	2,067	26,771
Pangasinan	173	44,104	423,576	102	18,207	180,545	15	3,250	27,536

(Details may not add up to total due to rounding)

**TABLE 3 Cont'n**

Region/ Province	Institutional			Agricultural			Other Non-Residential	
	Number	Floor Area (sq.m.)	Value (PHP1,000)	Number	Floor Area (sq.m.)	Value (PHP1,000)	Number	Value (PHP1,000)
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
I - Ilocos Region	85	38,696	415,644	27	8,995	52,031	6	5,117
Ilocos Norte	25	7,474	80,955	9	2,152	6,258	1	800
Ilocos Sur	7	9,557	129,033	3	776	2,799	-	-
La Union	9	4,067	32,675	8	1,018	4,778	-	-
Pangasinan	44	17,598	172,981	7	5,049	38,196	5	4,317

(Details may not add up to total due to rounding)



# TECHNICAL NOTES

## CONSTRUCTION STATISTICS FROM APPROVED BUILDING PERMITS

### Introduction

This Special Release presents the preliminary data on construction statistics from approved building permits for the second quarter of 2017, generated 60 days after the reference quarter.

### Scope and Coverage

Construction statistics from approved building permits relate to administrative-based data on new constructions and additions, alterations and repairs of existing residential and non-residential buildings and other structures proposed to be constructed in all cities/municipalities nationwide in a specific period.

### Source of Information

Construction statistics are compiled by the Philippines Statistics Authority (PSA) from the copies of original application forms of approved building permits as well as from the demolition permits collected every month by PSA field personnel from the Offices of Local Building Officials (LBOs) nationwide.

### LIMITATIONS:

1. Data on private building constructions refer to those proposed to be constructed during the reference period and not to construction work completed during the reference period.
2. The completeness of the number of building permits collected relies on the approval of applications filed with the Office of Local Building Officials (LBOs). Hence, private building constructions without approved building permits are excluded from the tabulation of data.

### Geographic Classification

Private building constructions are classified and presented by geographic area using the Philippine Standard Geographic Classification (PSGC). The PSGC contains the latest updates on the official number of provinces of Region 1.

The geographic codes are in accordance with NSCB Resolution No. 3, Series of 2005 that approved the PSGC.

### Industry Classification

Construction statistics utilizes the amended 1994 Philippine Standard Industrial Classification (PSIC) to classify the main activity through the use or type of occupancy of the building.

### Definitions of Terms:

**Building permit** is a written authorization granted by the Local Building Official (LBO) to an applicant allowing him to proceed with the construction of a specific project after plans, specifications and other pertinent documents have been found to be in conformity with the National Building Code (PD 1096).

**Building** refers to any independent, free-standing structure comprised of one or more rooms or other spaces, covered by a roof and enclosed with external walls or dividing walls, which extend from the foundation to the roof.

**Construction** refers to all on-site work done from site preparation, excavation, foundation, assembly of all the components and installation of utilities and equipment of buildings/structures.

**Residential buildings** are buildings for which its major parts or more than half of its gross floor area is built for dwelling purposes. This type of building can be of the single type, duplex, an apartment and/or accessoria and residential condominium.

**Single house** is a complete structure intended for a single family or household, i.e. bungalow, 2-storey house, nipa hut.

**Duplex house** is a structure intended for two households, with complete living facilities for each; it is a single structure divided into two dwelling units by a wall extending from the floor to the ceiling.

**Apartment** is a structure, usually of two storeys, made up of independent living quarters, with independent entrances from internal walls and courts.

**Accessoria** is a one or two-floor structure divided into several dwelling units, each dwelling unit having its own separate entrance from the outside.

**Residential condominium** is a structure, usually of several storeys, consisting of multiple dwelling units.

**Other residential constructions** consist of school or company staff houses, and living quarters for drivers and maids and guardhouses.

**Non-residential buildings** include these type of buildings: Commercial, Industrial, Agricultural and Institutional buildings.

**Commercial buildings** refer to office buildings and all buildings which are intended for use primarily in wholesale, retail and service trades; i.e. stores, hotels, restaurants, banks, disco houses, etc.

**Industrial buildings** are buildings that are used to house the production, assembly and warehousing activities of industrial establishments; i.e. factories, plants, mills, repair shops, machine shops, printing press, storage plant, electric generating plants.

**Institutional buildings** are buildings which are primarily engaged in providing educational instructions and hospital/health care; ports, airports and other government buildings; i.e. school, museums, libraries, sanitaria, churches, hospitals.

**Agricultural buildings** are buildings used to house livestock, plants and agricultural products such as barns, poultry houses, piggeries, stables, greenhouses and grain mills.

**Other non-building constructions** include cemetery structures, street furniture, waiting sheds, communication towers, etc.

**Addition** refers to any new construction which increases the height or area of an existing building/structure.

**Alteration** is a construction in a building/structure involving changes in the materials used, partitioning and location/size of openings, structural parts, existing utilities and equipment but does not increase the overall area thereof.

**Repair** is a remedial work done on any damaged or deteriorated portion/s of a building/structure to restore its original condition.

**Demolition** refers to the systematic dismantling or destruction of a building/structure or in part.

**Street furnitures** are street structures which consist of monuments, waiting sheds, benches, plant boxes, lampposts, electric poles and telephone poles.

**Floor area of building** refers to the sum of the area of each floor of the building measured to the outer surface of the outer walls including the area of lobbies, cellars, elevator shafts and all communal spaces in multi-dwellings. Areas of balconies are excluded.

**Total value of construction** refers to the sum of the cost of building, electrical, mechanical, plumbing, and others. The value is derived from the approved building permit and represents the estimated value of the building or structure when completed.

**Unpublished Data:**

Unpublished data at the municipal level may also be made available upon request from the Industry Statistics Division, Philippine Statistics Authority, 16<sup>th</sup> Floor, Cyberpod Eton, Centris 3, EDSA Cor Quezon Avenue, Brgy. Pinyahan, Quezon City, 1100, with telephone no.# 02-376-2060.



**SOCRATES L. RAMORES**  
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