LALITPUR METROPOLITAN CITY OFFICE

BUILDING CODE SECTION

PULCHOWK, LALITPUR

BUILDING CONSTRUCTION REPORT

(UP TO PLINTH LEVEL)

(TO BE FILLED UP BY SUPERVISOR/DESIGNERS)

Name of House Owner:	
Address:	

Note: Submission of Photographs of Structural Works in foundation and column will be highly appreciated.

S.N.	Description	According to Municipal Approval Drawing	According to actual Construction in Site	Justification for Variations (if)
FOR FRAME STRUCTURES				
1	Classification of Building as per NBC	A B C D		
2	Functional Use of Proposed Building			
3	Plinth Area			
4	Number of Story of Proposed Building			
5	Total Height of Proposed Building			
6	Soil type in Foundations			
7	Adopted Bearing Capacity of Soil			
8	Depth of foundation from Ground Level			
9	Concrete Grade Used for			
	i) Foundations			
	ii) Columns			
	iii) Tie beam			
10	Reinforcement Grade			
11	Structural System of Proposed Building			
	i) RCC Frame Structure			
	ii) Steel Frame Structure			
	iii) Load Bearing Wall System			
	iv) Others……..			

Note: The Construction up to Tie-beam level has been done as per approved design and drawing from Lalitpur Metropolitan City offices and following earthquake safe technologies as per NBC-2060.

Name of Supervisor/Designer: Signature:

S.N.	Description	According to Municipal Approval Drawing	According to actual Construction in Site	Justification for Variations (if)
12	**Foundation Details**			
	Type of foundation			
	i) Isolated Foundation			
	ii) Combined Foundation			
	iii) Mat Foundation			
	iv) Pile Foundation			
Size and Reinforcement of Isolated Foundations				
	i) Size of Isolated foundation			
	a. Corner			
	b. Mid			
	c. Face			
	d. Others……			
	ii) Reinforcement in foundations			
	a. Corner			
	b. Mid			
	c. Face			
	d. Others……			
Size and Reinforcement of Combined Foundation				
	i) Size of Combined foundations			
	a. ……			
	b. ……			
	c. ……			
	ii) Reinforcement in foundations			
	a. …….			
	b. …….			
	c. …….			
Size and Reinforcement of Combined Foundation with Strap beam				
	i) Size of Combined foundations			
	a. ……			
	b. ……			
	ii) Reinforcement in foundations			
	a. ……			
	b. …….			

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Name of Supervisor/Designer: Signature:

S.N.	Description	According to Municipal Approval Drawing	According to actual Construction in Site	Justification for Variations (if)
	iii) Size of Strap Beam			
	a. SB1			
	b. SB2			
	iv) Reinforcement in Strap Beam			
	a. SB1 (Top and Bottom)			
	b. SB2 (Top and Bottom)			
Size and Reinforcement of Mat Foundations				
	i) Size of foundations			
	a. M1			
	b. M2			
	ii) Reinforcement in foundations			
	a. Top reinforcement			
	b. Bottom reinforcement			
13	**Column Details**			
	i) Height from footing to GL			
	ii) Height from GL to Tie beam			
	iii) Size of Columns			
	a. Corner			
	b. Mid			
	c. Face			
	d. Others….			
	iv) Reinforcement in columns			
	a. Corner			
	b. Mid			
	c. Face			
	d. Others….			
	v) Stirrups diameter and spacing			
14	**Lower Tie beam (if)**			
	a. Size of Tie beam			
	b. Reinforcement in beam			
	c. Stirrups dia. and spacing			
15	**Plinth Tie Beam Details**			
	a. Size of Tie beam			
	b. Reinforcement in beam			
	c. Stirrups dia. and spacing			

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Name of Supervisor/Designer: Signature:

S.N.	Description	According to Municipal Approval Drawing	According to actual Construction in Site	Justification for Variations (if)
16	**Toe wall Details**			
	a. Thickness of wall			
	b. Height up to G.L.			
	c. Masonry type (stone/Brick)			
	d. Mortar Ratio			
FOR LOAD BEARING STRUCTURES				
1	Foundation Depth			
2	Foundation Size			
	a. Outer Wall			
	b. Inner Wall			
3.	Foundation Wall Thickness			
	a. Outer Wall			
	b. Inner Wall			
4	Masonry Type (Brick / Stone/ others)			
5	Mortar Ratio in Masonry			
6	Wall Height			
	a. Up to Ground Level			
	b. Up to Plinth Level			
7	Plinth Beam (Tie beam)			
	a. Size of Tie beam			
	b. Reinforcement in beam			
	c. Stirrups dia. and spacing			
8	Vertical Bars at T-Joints and Corners (Diameter and center to center spacing)			
9	Concrete Grade			
10	Reinforcement Grade			
11	Use of Equipment's for concreting works			
12	Missing Details (if)			

Recommendation:

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Name of Supervisor/Designer: Signature:

TRENCH PLAN AS PER SITE (Attachments with signature also accepted)

FOUNDATION NAMING AND DESCRIPTION OF REINFORCEMENT PROVIDED

(Attachments with signature also accepted)

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Name of Supervisor/Designer: Signature:

COLUMN PLAN AS PER SITE (Attachments with signature also accepted)

COLUMN SECTIONS AND REINFORCEMENT PROVIDED (Attachments with signature also accepted)

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Name of Supervisor/Designer: Signature: