

# काठमाडौं महानगरपालिका कार्यालय

## शहरी विकास बिभाग

(नक्शा शाखा)

वागदरवार, सुन्धारा



### नक्शा दरखास्त फारम

नाम: .....	टिप्पणी	
सम्पर्क फोन नं:.....		
सडकको नाम:.....	अस्थायी	
टोल:.....		
वडा नं: .....	स्थायी	
कम्प्युटर दर्ता नं: .....		
डि.पी.सी. पास मिति:.....	नि.सं.	
सुपरस्ट्रक्चर पास मिति.....		
निर्माण सम्पन्न मिति.....		

मेरो पौरख, मेरो गौरव, मेरो काठमाडौं

काठमाडौं महानगरपालिका पो.ब.नं. ८४१३, फोन नं. ४२४९०६८, काठमाडौं, नेपाल ।

Web-site: [www.kathmandu.gov.np](http://www.kathmandu.gov.np)

# श्री काठमाण्डौ महानगरपालिका कार्यालय

विषय : निर्माणको लागि नक्सापास सम्बन्धमा ।

मैले/हामीले देहाय लेखिएबमोजिमको निर्माण कार्य गर्ने भएकोले उक्तभवनआदिको विवरण तपसिलमाखुलाई आफ्नो हकभोगको निस्साको नक्कल, कित्तानक्सा एमोनिया प्रिन्ट र घरको आवश्यकनक्सा सहितनिवेदन दरखास्त पेश गरेको छु । उक्तनक्सापास गरी निर्माण कार्य गर्न स्वीकृतिपाउन अनुरोध छ । यस दरखास्तमा लेखिएको व्यहोरा ठीक साँचो छ, भुट्टा ठहरेमाकूनबमोजिम सजायँ सहँला बुझाउँला ।

## तपसिल

<p>निवेदक/निवेदिकाको नाम/थर : _____</p> <p>_____</p> <p><b>हालको ठेगाना</b></p> <p>जिल्ला : _____ टोल : _____</p> <p>वडा नम्बर : _____ सडकको नाम : _____</p> <p>सम्पर्क नम्बर : _____ Email : _____</p> <p>नगरिकता प्रमाण पत्र नम्बर : _____</p> <p>नगरीकता जारी गरीएको जिल्ला : _____</p> <p>नगरीकता जारी गरीएको मिति : _____</p> <p>बुवा/पतिको नाम थर : _____</p> <p>बाजेको नाम : _____</p> <p><b>जग्गाको विवरण</b></p> <p>वडा नम्बर : _____ साविक वडा नं. _____</p> <p>जग्गा रहेको ठाउँ : _____</p> <p>क्षेत्रफल : रोपनी _____ आना _____ पैसा _____ दाम _____</p> <p>नापि नक्सा नम्बर : _____ कित्ता नम्बर: _____</p> <p>जग्गाको स्वामित्व : <input type="checkbox"/> आफ्नै <input type="checkbox"/> संयुक्त <input type="checkbox"/> गुठि</p> <p><input type="checkbox"/> मञ्जुरीनामा <input type="checkbox"/> आफ्नै र केहि मञ्जुरीनामा</p> <p>कैफियत _____</p> <p>नोट: एक कित्ता भन्दा बढी जग्गा भएमा थप जग्गाको विवरण भर्नको लागि थप पानाको प्रयोग गर्नुहोला ।</p>	<p><b>कार्यालय प्रयोजनको लागि</b></p> <p>सि.न. : _____</p> <p>द.न. : _____</p> <p>मिति : _____</p> <p><b>NBC Class : B</b></p> <p>निवेदकको प्रकार : _____</p> <p><input type="checkbox"/> जग्गा धनी <input type="checkbox"/> घर धनी <input type="checkbox"/> वारेश</p> <p><b>भवनको प्रयोजन</b> : Health</p> <p><b>स्ट्रक्चर टाइप</b> : Frame Structure</p> <p><b>निर्माण कार्यको किसिम</b></p> <p><input type="checkbox"/> नयाँ घर निर्माण</p> <p><input type="checkbox"/> तल्ला थप्ने</p> <p><input type="checkbox"/> साविक घर भत्काई पुनः निर्माण गर्ने</p> <p><input type="checkbox"/> थप घर निर्माण (Extension)</p> <p><input type="checkbox"/> जग्गामा पक्की पर्खाल लगाउने</p> <p><input type="checkbox"/> घरको मोहोडा फेर्ने</p> <p><input type="checkbox"/> घरको छानो फेर्ने</p>
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जग्गाको चार किल्लाविवरण :

अगाडी

१. \_\_\_\_\_ तर्फ \_\_\_\_\_ मि., आफ्नै जग्गा पछि कि. नं. \_\_\_\_\_ को \_\_\_\_\_ बस्ने,  
श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल
२. \_\_\_\_\_ तर्फ \_\_\_\_\_ मि., आफ्नै जग्गा पछि कि. नं. \_\_\_\_\_ को \_\_\_\_\_ बस्ने,  
श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल
३. \_\_\_\_\_ तर्फ \_\_\_\_\_ मि., आफ्नै जग्गा पछि कि. नं. \_\_\_\_\_ को \_\_\_\_\_ बस्ने,  
श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल
४. \_\_\_\_\_ तर्फ \_\_\_\_\_ मि., आफ्नै जग्गा पछि कि. नं. \_\_\_\_\_ को \_\_\_\_\_ बस्ने,  
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५. \_\_\_\_\_ तर्फ \_\_\_\_\_ मि., आफ्नै जग्गा पछि कि. नं. \_\_\_\_\_ को \_\_\_\_\_ बस्ने,  
श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल

पछाडी

१. \_\_\_\_\_ तर्फ \_\_\_\_\_ मि., आफ्नै जग्गा पछि कि. नं. \_\_\_\_\_ को \_\_\_\_\_ बस्ने,  
श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल
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श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल
३. \_\_\_\_\_ तर्फ \_\_\_\_\_ मि., आफ्नै जग्गा पछि कि. नं. \_\_\_\_\_ को \_\_\_\_\_ बस्ने,  
श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल
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श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल
५. \_\_\_\_\_ तर्फ \_\_\_\_\_ मि., आफ्नै जग्गा पछि कि. नं. \_\_\_\_\_ को \_\_\_\_\_ बस्ने,  
श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल

दायाँ

१. \_\_\_\_\_ तर्फ \_\_\_\_\_ मि., आफ्नै जग्गा पछि कि. नं. \_\_\_\_\_ को \_\_\_\_\_ बस्ने,

श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल

२. \_\_\_\_\_ तर्फ \_\_\_\_\_ मि., आफ्नै जग्गा पछि कि. नं. \_\_\_\_\_ को \_\_\_\_\_ बस्ने,

श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल

३. \_\_\_\_\_ तर्फ \_\_\_\_\_ मि., आफ्नै जग्गा पछि कि. नं. \_\_\_\_\_ को \_\_\_\_\_ बस्ने,

श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल

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श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल

बायाँ

१. \_\_\_\_\_ तर्फ \_\_\_\_\_ मि., आफ्नै जग्गा पछि कि. नं. \_\_\_\_\_ को \_\_\_\_\_ बस्ने,

श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल

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श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल

३. \_\_\_\_\_ तर्फ \_\_\_\_\_ मि., आफ्नै जग्गा पछि कि. नं. \_\_\_\_\_ को \_\_\_\_\_ बस्ने,

श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल

४. \_\_\_\_\_ तर्फ \_\_\_\_\_ मि., आफ्नै जग्गा पछि कि. नं. \_\_\_\_\_ को \_\_\_\_\_ बस्ने,

श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल

५. \_\_\_\_\_ तर्फ \_\_\_\_\_ मि., आफ्नै जग्गा पछि कि. नं. \_\_\_\_\_ को \_\_\_\_\_ बस्ने,

श्री \_\_\_\_\_ को घर/जग्गा/पर्खाल

**जग्गाधनी (निवेदकभन्दा फरक भएमा)**

जग्गाधनीको नाम/थर : \_\_\_\_\_

हालको ठेगाना

जिल्ला: \_\_\_\_\_ टोल : \_\_\_\_\_ वडा नम्बर : \_\_\_\_\_

सडकको नाम : \_\_\_\_\_ सम्पर्क नम्बर : \_\_\_\_\_ Email: \_\_\_\_\_

नागरिकता प्रमाण पत्रनम्बर: \_\_\_\_\_ नगरीकताजारी गरीएको जिल्ला: \_\_\_\_\_

नागरीकताजारी गरीएको मिति: \_\_\_\_\_

बुवा/पतिको नाम थर : \_\_\_\_\_

बाजेको नाम : \_\_\_\_\_

**घरधनी (निवेदकभन्दा फरक भएमा)**

घरधनीको नाम/थर : \_\_\_\_\_

हालको ठेगाना

जिल्ला: \_\_\_\_\_ टोल : \_\_\_\_\_ वडा नम्बर : \_\_\_\_\_

सडकको नाम : \_\_\_\_\_ सम्पर्क नम्बर : \_\_\_\_\_ Email: \_\_\_\_\_

नागरिकता प्रमाण पत्रनम्बर : \_\_\_\_\_ नगरीकताजारी गरीएको जिल्ला: \_\_\_\_\_

नागरीकताजारी गरीएको मिति: \_\_\_\_\_

बुवा/पतिको नाम थर : \_\_\_\_\_

बाजेको नाम : \_\_\_\_\_

## नेपाल राष्ट्रिय भवन निर्माण संहिता अनुसार भवन र संरचना डिजाइन गरीएको सम्बन्धमा

म/हामी यो प्रमाणित गर्दछु कि काठमाण्डौ महानगरपालिकाको स्थान \_\_\_\_\_ वडा नं. \_\_\_\_\_ मा अवस्थित नापी नक्शा सिट नं \_\_\_\_\_ कित्ता नं \_\_\_\_\_ क्षेत्रफल \_\_\_\_\_ का घर/धनी श्री \_\_\_\_\_ द्वारा निर्माण गर्न प्रस्ताव गरीएको भवन संरचना १/२/३ वर्गमा पर्ने भएकोले यसको स्ट्रक्चरल, स्यानिटरी प्लम्बिङ्ग, ईलेक्ट्रिकल डिजाइन, ड्रइङ मैले/हामीले गरेको हो । यसमा भवन ऐन राष्ट्रिय भवन संहिता तथा अन्य ऐन नियमद्वारा प्रतिपादित समस्त नियम पालना गर्दै \_\_\_\_\_ तल्ला सम्मको लागि आवश्यक भुकम्प सुरक्षात्मक डिजाइन तथा प्रविधि अपनाइएको छ ।

डिजाइनरको नाम/फर्मको नाम :

योग्यता :

का.म.पा. रजिष्ट्रेशन नं. :

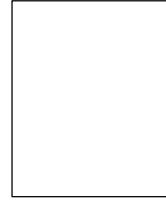
फोन नं. :

नेपाल ईन्जिनियरीङ्ग परिषद दर्ता नं. :

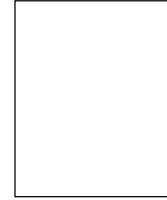
ठेगाना :

सहि :

मिति :



दायाँ



बाँया

यस भवनको स्ट्रक्चरल, स्यानिटरी, ईलेक्ट्रिकल सुपरिवेक्षण राष्ट्रिय भवन संहिता अनुसार मैले/हामीले गर्नेछु/छौं ।

सुपरिवेक्षकको नाम :

(ख वर्ग समेत)

का.म.पा. रजिष्ट्रेशन नं. :

ठेगाना :

फोन नं. :

सहि :

मिति :

निवेदकको दस्तखत :

नाम :



दायाँ



बाँया

## थप जग्गाको विवरण

वडा नम्बर : \_\_\_\_ साविक वडा नं. \_\_\_\_ जग्गा रहेको ठाउँ : \_\_\_\_\_

नापि नक्सा नम्बर : \_\_\_\_\_ कित्ता नम्बर: \_\_\_\_\_

क्षेत्रफल : रोपनी \_\_\_\_ आना \_\_\_\_ पैसा \_\_\_\_ दाम \_\_\_\_

जग्गाको स्वामित्व :  आफ्नै  संयुक्त  गुठि  मञ्जुरीनामा  आफ्नै र केहि मञ्जुरीनामा

कैफियत \_\_\_\_\_

वडा नम्बर : \_\_\_\_ साविक वडा नं. \_\_\_\_ जग्गा रहेको ठाउँ : \_\_\_\_\_

नापि नक्सा नम्बर : \_\_\_\_\_ कित्ता नम्बर: \_\_\_\_\_

क्षेत्रफल : रोपनी \_\_\_\_ आना \_\_\_\_ पैसा \_\_\_\_ दाम \_\_\_\_

जग्गाको स्वामित्व :  आफ्नै  संयुक्त  गुठि  मञ्जुरीनामा  आफ्नै र केहि मञ्जुरीनामा

कैफियत \_\_\_\_\_

वडा नम्बर : \_\_\_\_ साविक वडा नं. \_\_\_\_ जग्गा रहेको ठाउँ : \_\_\_\_\_

नापि नक्सा नम्बर : \_\_\_\_\_ कित्ता नम्बर: \_\_\_\_\_

क्षेत्रफल : रोपनी \_\_\_\_ आना \_\_\_\_ पैसा \_\_\_\_ दाम \_\_\_\_

जग्गाको स्वामित्व :  आफ्नै  संयुक्त  गुठि  मञ्जुरीनामा  आफ्नै र केहि मञ्जुरीनामा

कैफियत \_\_\_\_\_

वडा नम्बर : \_\_\_\_ साविक वडा नं. \_\_\_\_ जग्गा रहेको ठाउँ : \_\_\_\_\_

नापि नक्सा नम्बर : \_\_\_\_\_ कित्ता नम्बर: \_\_\_\_\_

क्षेत्रफल : : रोपनी \_\_\_\_ आना \_\_\_\_ पैसा \_\_\_\_ दाम \_\_\_\_

जग्गाको स्वामित्व :  आफ्नै  संयुक्त  गुठि  मञ्जुरीनामा  आफ्नै र केहि मञ्जुरीनामा

कैफियत \_\_\_\_\_

## FLOOR DESIGN

SN	Floor	Floor Area (in Sq. Meter)					Total Floor Area (in Sq. Meter)	
		Existing		Proposed			Total (Taxable)	Total
		Other Building	Previous Permitted Storey	FAR Non-countable (Non-Taxable)	FAR Non-countable (Taxable)	FAR Countable		
1	Basement							
2	Semi Basement							
3	Ground Floor							
4	First Floor							
5	Second Floor							
6	Third Floor							
7	Fourth Floor							
8	Fifth Floor							
9	Sixth Floor							
10	Seventh Floor							
11	Eight Floor							
12	Ninth Floor							
13	Tenth Floor							
14	Eleventh Floor							
15	Twelve Floor							
16	Thirteenth Floor							



## BUILDING BY-LAWS / GLD

Building Elements	As Per Submitted Design	Remark
<b>Building Data</b>		
Nature of Construction	<input type="checkbox"/> Detached <input type="checkbox"/> Attached <input type="checkbox"/> Semi Attached <input type="checkbox"/> Row type House	
Land Use Zone	<input type="checkbox"/> Residential zone <input type="checkbox"/> Preserved zone <input type="checkbox"/> Institutional zone <input type="checkbox"/> Industrial zone <input type="checkbox"/> Urban expansion zone <input type="checkbox"/> Surface vehicle zone <input type="checkbox"/> Airport zone <input type="checkbox"/> Sports zone <input type="checkbox"/> Cultural heritage zone <input type="checkbox"/> Narayanhiti Palace Zone (NPZn)	
Land Use Sub-Zone	<input type="checkbox"/> Preserved Monument Sub-Zone (PMZn) <input type="checkbox"/> Preserved Cultural Heritage Sub-Zone (PCMZn) <input type="checkbox"/> Mixed Old Residential Sub-Zone (MORZn) <input type="checkbox"/> Green Open Sub-Zone(GOZn) <input type="checkbox"/> Park and Jungle Zone (NPZn) <input type="checkbox"/> Cultural, Archeological and Religious Sub-Zone (CULZn) <input type="checkbox"/> Urban Expansion Zone (UEZn) <input type="checkbox"/> Surface Vehicle Zone (SVZn) <input type="checkbox"/> Air Zone (ARZn) <input type="checkbox"/> Sport Zone (SPZn) <input type="checkbox"/> Commercial Sub-Zone (CMZn) <input type="checkbox"/> Dense Mixed Residential Zone(DMRZn) <input type="checkbox"/> Other Residential Sub-Zone(ORSZn) <input type="checkbox"/> Planned Residential Sub-Zone(PRSZn) <input type="checkbox"/> Government and	

	<input type="checkbox"/> Semi government Sub-Zone (GSGZn) <input type="checkbox"/> Health Service Sub-Zone (HSZn) <input type="checkbox"/> Educational Sub-Zone (EDZN) <input type="checkbox"/> Police and Army Sub-Zone (PAZn) <input type="checkbox"/> Industrial Zone <input type="checkbox"/> Narayanhiti Palace Zone (NPZn)	
Land Development Area (LDA)	<input type="checkbox"/> Golfutar Residential Zone (GRZn) <input type="checkbox"/> Kuleshwor Residential Zone (KRZn) <input type="checkbox"/> Other	
Name of the Other Land Development Area		
Narayanhiti Palace Zone (NPZn)	<input type="checkbox"/> 100 ft from boundary wall <input type="checkbox"/> 100-200 ft from boundary wall <input type="checkbox"/> 200-300ft from boundary wall	
High Tension Line Classification (if any)	<input type="checkbox"/> 250/240 Volt-11000 Volt <input type="checkbox"/> 11000 Volt-33000 Volt	
High Tension Setback (m)		
River Name Classification (if any)	<input type="checkbox"/> Bagmati <input type="checkbox"/> Balkhu <input type="checkbox"/> Bishnumati <input type="checkbox"/> Dhobikhola <input type="checkbox"/> Hanumante <input type="checkbox"/> Karakhushi <input type="checkbox"/> Karmanasha <input type="checkbox"/> Koiku <input type="checkbox"/> Mahadev <input type="checkbox"/> Manohara <input type="checkbox"/> Nakkhu <input type="checkbox"/> Rajkulo <input type="checkbox"/> Saangel <input type="checkbox"/> Samakhushi <input type="checkbox"/> Tukucha	
River Bank Setback (m)		
<b>Land Data</b>		
Actual plot area (in Sq. m)		
Actual plot area (in Ropani)		

Adopted land area (Ropani)	<input type="checkbox"/> $\geq 0-2-2-0$ and $\leq 1-0-0-0$ <input type="checkbox"/> $\geq 1-0-0-0$ <input type="checkbox"/> $\leq 1$ anna <input type="checkbox"/> $> 1$ anna <input type="checkbox"/> $\geq 0-2-2-0$ and $\leq 0-8-0-0$ <input type="checkbox"/> $> 0-8-0-0$	
Frontage of plot		
Floor area Ratio (FAR)		
Ground coverage (in Sq. m)		
Ground coverage (%)		
Number of Storey, starting from ground floor excluding basement and semi-basement		
Building length (m)		
Building width (m)		
Building height (m)		
Road width (m)		
Cul de sac	<input type="checkbox"/> With Cul de sac <input type="checkbox"/> Without Cul de sac	
Road Length, if cul de sac (m)		
ROW (m)		
Front Setback (m)		
Rear Setback (m)		
Side Left Setback (m)		
Side Right Setback (m)		
Ceiling Height (m)		
Parking Area (sq. m.)		
<b>Drawing Requirement</b>		
Drawing Scale	<input type="checkbox"/> 1:100 <input type="checkbox"/> 1:200 <input type="checkbox"/> 1:300 <input type="checkbox"/> 1:400	

## ARCHITECTURAL DESIGN

Building Elements	As Per Submitted Design	Remark
<b>Building Purpose</b>	<input type="checkbox"/> Apartment <input type="checkbox"/> Residential <input type="checkbox"/> Hospital <input type="checkbox"/> Industrial <input type="checkbox"/> Educational <input type="checkbox"/> Cinema <input type="checkbox"/> Auditorium above 500 <input type="checkbox"/> Auditorium below 500 <input type="checkbox"/> Public Assembly <input type="checkbox"/> Commercial more than four storey <input type="checkbox"/> Cold Storage and Wear house	
<b>Staircase</b>		
Min. Tread width of Staircase excluding nosing (in mm)		
Riser of Staircase (in mm)		
Clear width of Staircase (in mm)		
Height of Handrail (in mm)		
Max. no. of riser per flight (Nos)		
Max. head room under staircase from the nosing of the road (mm)		
<b>Exit</b>		
Max. travel distance to exit point in each floor (m)		
Min. width of exit door including frame (mm)		
Min. Height of exit door including frame (mm)		
Shutter opening of exit door to staircase & public passage	<input type="checkbox"/> Inward <input type="checkbox"/> Outwards	
Total width of exit door (mm)		
<b>Light &amp; Ventilation</b>		
Total Floor Area of Largest Habitable room (sq. m)		

Min. opening area of window for lighting largest habitable room from external wall (sq. m)		
Min. opening area of natural ventilator for largest habitable room from external wall (sq. m)		
Min. size of ventilator for water closets and bathroom (sq. m)		
<b>Requirement for the physically disabled</b>		
Is there a provision of separate entrance for disabled people next to the primary entrance of a building?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Max. gradient for wheel chair ramp at entrance of building		
Min. width of wheel chair ramp at entrance of building (in mm)		
<b>Lifts</b>		
Total habitable Height of the Building (in m)		
Provision of Lift	<input type="checkbox"/> Yes <input type="checkbox"/> No	
No. of Lift per bank (Nos)		
<b>Other</b>		
Provision of fire escape and fire safety	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Parapet heights</b>		
Height of parapet wall & balcony handrail (in mm)		

## STRUCTURAL DESIGN (Type B)

Building Elements	As Per Submitted Design	Remark
<b>General</b>		
Building Structure Type	<input type="checkbox"/> Frame Structure	
Number of storeys applied for permit (in Nos.)		
Number of storeys considered in structural design (in Nos.)		
If Computer Aided Design (CAD) is used, please State the name of the software package		
Number of storeys considered in the design provision for further extension	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Total height (h) of structure with extension(in m)		
<b>NBC 101-1994 MATERIALS SPECIFICATIONS</b>		
Materials to be used in structure(tick the listed materials that will be used in structure element)	<input type="checkbox"/> Structural Aluminium <input type="checkbox"/> Brick Masonry <input type="checkbox"/> Timber <input type="checkbox"/> Structural Steel <input type="checkbox"/> RCC(Reinforcement Bar) <input type="checkbox"/> Stone Masonry	
<b>NBC 102-1994 Unit Weight of Materials</b>		
Specify the design unit weight of materials: Steel (in kg/m <sup>3</sup> )		
Specify the design unit weight of materials: RCC (in kg/m <sup>3</sup> )		
Specify the design unit weight of materials: Brick Masonry (in kg/m <sup>3</sup> )		
<b>NBC 103-1994 Occupancy Load (Imposed Load)</b>		
<b>For Institutional buildings</b>		
Occupancy Load (Uniformly Distributed load in kN/m <sup>2</sup> ) for Bed rooms, wards, dressing rooms		
Occupancy Load (Uniformly Distributed load in kN/m <sup>2</sup> ) for Kitchen		
Occupancy Load (Uniformly Distributed load in kN/m <sup>2</sup> ) for X-ray rooms, operation rooms		

Occupancy Load (Uniformly Distributed load in kN/m <sup>2</sup> ) for Corridors, Passage and Staircase		
Occupancy Load (Uniformly Distributed load in kN/m <sup>2</sup> ) for Balconies		
<b>NBC 104-1994 Wind load</b>		
Wind Zone		
Basic wind speed (in m/s)		
<b>NBC 105-1994 Seismic Design of Buildings in Nepal</b>		
Method adopted for earthquake resistant design	<input type="checkbox"/> Seismic Coefficient Approach <input type="checkbox"/> Response Spectrum Method <input type="checkbox"/> Others	
Adopted Code for Seismic Design	<input type="checkbox"/> NBC 105	
Subsoil category	<input type="checkbox"/> Type I (Hard) <input type="checkbox"/> Type II (Medium) <input type="checkbox"/> Type III (Soft)	
Seismic Weight (W) (in kN)		
Fundamental Time Period of the building along X (T <sub>x</sub> )(in Seconds)		
Fundamental Time Period of the building along Y(T <sub>y</sub> )(in Seconds)		
Base Shear(V <sub>B</sub> ) for Seismic Coefficient Along X		
Base Shear(V <sub>B</sub> ) for Seismic Coefficient Along Y		
Base Shear Generated through dynamic Analysis Along X (if response spectrum method used)		
Base Shear Generated through dynamic Analysis Along Y (if response spectrum method used)		
Adopted Base Shear multiplication Factor Along X(if response spectrum method used)		
Adopted Base Shear multiplication Factor Along Y(if response spectrum method used)		
Base Shear after Scale Factor Along X		
Base Shear after Scale Factor Along Y		
Maximum Inter-storey Drift		
Corresponding Storey height for Maximum Inter-Storey Drift (h)		
<b>NBC 106-1994 Snow Load</b>		

Snowfall type or condition	<input type="checkbox"/> Perennial <input type="checkbox"/> Occasional <input type="checkbox"/> No snowfall	
Elevation of construction site (in m)		
Design Depth of snow (in cm)		
Design Density of snow (in g/cm <sup>3</sup> )		
<b>NBC 107-1994 Provisional Recommendation on Fire Safety</b>		
Have you considered fire safety requirement?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>NBC 108-1994 Site Consideration for Seismic Hazards</b>		
Whether Distance of construction site from toe/beginning of downward slope is within 50m?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Whether Distance of construction site from river bank is within 50m?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Availability of soil test report	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>NBC 114-1994 Construction Safety</b>		
Are you sure that all safety measures will be fulfilled in the construction site as per this code?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Safety wares used	<input type="checkbox"/> Safety hard hat <input type="checkbox"/> Safety goggles <input type="checkbox"/> Safety boots <input type="checkbox"/> Safety belts <input type="checkbox"/> First aid facility	
<b>Structural Data for Framed RCC Structure</b>		
<b>NBC 110-1994 Plain and Reinforced Concrete</b>		
Concrete grade in structure	<input type="checkbox"/> M20 <input type="checkbox"/> M25 <input type="checkbox"/> M30 <input type="checkbox"/> M35	
Reinforcement Steel Grade	<input type="checkbox"/> Fe-415 <input type="checkbox"/> Fe-500 <input type="checkbox"/> Fe-550	
<b>Slab design</b>		
Boundary condition of slab	<input type="checkbox"/> 4 side continuous <input type="checkbox"/> 1 short side discontinuous <input type="checkbox"/> 1 long side discontinuous <input type="checkbox"/> 2 adjacent side continuous <input type="checkbox"/> 2 long side continuous <input type="checkbox"/> 2 short side continuous <input type="checkbox"/> 1 long side continuous <input type="checkbox"/> 1 short side continuous <input type="checkbox"/> 4 side discontinuous	



Effective Thickness of slab (d) (in mm)		
Short span of Critical slab panel (L) (in mm)		
Calculated short span to effective depth ratio (L/d) for the corresponding slab		
Basic (L/d) ratio		
Required modification factor for tension reinforcement		
Required Tension reinforcement( $A_{st}$ ) Percentage(%) for short span bottom reinforcement		
Provided Tension reinforcement( $A_{st}$ ) Percentage (%) for short span bottom reinforcement		
Actual Modification factor for tension reinforcement		
<b>Check for Critical beam</b>		
Effective depth of beam (d) (in mm)		
Critical span (L) (in mm)		
Support condition	<input type="checkbox"/> Cantilever <input type="checkbox"/> Simply supported <input type="checkbox"/> One side continuous <input type="checkbox"/> Both side continuous	
Basic (L/d) ratio		
Calculated critical span to effective depth ratio (L/d) for corresponding slab		
<b>Check for Critical Column</b>		
Critical column height		
Minimum size of column (mm x mm)		
Short column effect considered or not	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Minimum area of longitudinal reinforcement provided (%)		
Design Philosophy	Limit state method	
<b>Load Combinations</b>		
1: DL		
1: LL		
1: EQ		

2: DL		
2: LL		
2: EQ		
3: DL		
3: LL		
3: EQ		
4: DL		
4: LL		
4: EQ		
Whether sample design calculations of foundations, columns, beams and slabs are submitted	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Type of Foundations	<input type="checkbox"/> Isolated <input type="checkbox"/> Combined <input type="checkbox"/> Raft <input type="checkbox"/> PILE <input type="checkbox"/> Strap	
Depth of foundation from ground level to the bottom of footing (in m)		

<b>Structural Data for Other types of structures</b>		
<b>NBC 111-1994 Steel</b>		
Design assumptions	<input type="checkbox"/> Simple connection <input type="checkbox"/> Semi-rigid connection <input type="checkbox"/> Fully rigid connection	
Yield Stress		
Least wall thickness in mm for following Exposure conditions		
For Exposed Section – Pipe		
For not Exposed Section - Pipe		
For Exposed Section - Webs of Standard size		
For not Exposed Section - Webs of Standard size		
For Exposed Section - Composed section		
For not Exposed Section - Composed section		
Have you used Truss?		
Critical span of purlin		
Purlin size		
<b>NBC 112 Timber</b>		
Name of structural wood	<input type="checkbox"/> Sal <input type="checkbox"/> Sisau <input type="checkbox"/> Kholesalla <input type="checkbox"/> Gobresalla	
Modulus of Elasticity		
Critical span of the beam element		
Designed Deflection		
Permissible deflection		
<b>NBC 113-1994 Aluminium</b>		
Please mention the name of design code.		

## ELECTRICAL DESIGN

Building Elements	As Per Submitted Design	Remark
<b>Rates and sizes</b>		
Min. size of copper cable for light circuit (sq.m)		
Min. size of copper cable for power circuit (sq.m)		
Wattage of ordinary power socket (2pin) estimated as (watt)		
Wattage of power socket outlet (3pin) estimated as (watt)		
Wall thickness of cast iron switch or regulators boxes for upto (mm)		
Wall thickness of mild steel sheet switch or regulators boxes for upto 20cmX30cm (mm)		
Wall thickness of mild steel sheet switch or regulators boxes for above 20cmX30cm (mm)		
Depth Of the switch or regulator boxes (mm)		
<b>Max. nos. of cables in a Conduit</b>		
No. of 2.5 sq.mm cross-sectional area cable in 20mm dia conduit (Nos. of cables)		
No. of 4 sq.mm cross-sectional area cable in 20mm dia conduit (Nos. of cables)		
No. of 6 sq.mm cross-sectional area cable in 20mm dia conduit (Nos. of cables)		
No. of 2.5 sq.mm cross-sectional area cable in 25mm dia conduit (Nos. of cables)		
No. of 4 sq.mm cross-sectional area cable in 25mm dia conduit (Nos. of cables)		
No. of 6 sq.mm cross-sectional area cable in 25mm dia conduit (Nos. of cables)		
No. of 2.5 sq.mm cross-sectional area cable in 32mm dia conduit (Nos. of cables)		
No. of 4 sq.mm cross-sectional area cable in 32mm dia conduit (Nos. of cables)		
No. of 6 sq.mm cross-sectional area cable in 32mm dia conduit (Nos. of cables)		

<b>Earthing</b>		
The value any earth system resistance unless otherwise specified (mm)		
Diameter of electrodes of steel of galvanized iron (mm)		
Diameter of electrodes of copper (mm)		
Internal diameter of pipe electrodes of galvanized iron (mm)		
Internal diameter of pipe electrodes of cast iron (mm)		
The B17 length of the rod & pipe electrodes (mm)		
Thickness of plate electrodes of galvanized iron or steel (mm)		
Thickness of plate electrodes of copper (mm)		
Size of plate electrodes or galvanized iron or steel or copper (mm)		
Depth of the top edge of plate electrodes buried from ground (mm)		
<b>Testing</b>		
Number of points on the circuit (Nos.)		
Insulation resistance (Mohm) between earth and the whole system of conductor or any section of		
Insulation resistance (Mohm) between the metallic case and all live parts of each rheostat, appliance and sign when they are disconnected		
Insulation resistance (Mohm) between all the conductors connected to one pole or phase conductor and all the conductor connected to the middle wire or to the normal or to the other pole of the phase conductor		
Working voltage (V)		
The applied dc voltage (Volt) of meggering		
Each switch is placed in phase or Neutral?	<input type="checkbox"/> Phase <input type="checkbox"/> Neutral	

## SANITARY PLUMBING DESIGN

Building Elements	As Per Submitted Design	Remarks
<b>Building Purpose</b>		
Building Purpose	<input type="checkbox"/> Auditorium <input type="checkbox"/> Office Building <input type="checkbox"/> Hospital with Numbers of bed>100 <input type="checkbox"/> Hospital with Numbers of bed<=100	
<b>1. Underground Water Tank</b>		
Underground Water Tank Design capacity (Nos)		
Water Consumption per capita per (Lt)		
Underground Water Tank Water Storage capacity		
<b>2. Overhead Water Tank for Lavatory</b>		
Number of w.c.		
Number of Urinals (if Hospital)		
Water storage capacity		
<b>3. Fire Hydrant System if Hospital / Auditorium</b>		
No. of floors		
Floor Area (m <sup>2</sup> )		
Capacity of wet riser for underground water tank		
<b>4. Gents Toilets for office buildings / Auditorium</b>		
Number of users		
Water Closet (Nos.)		
Urinal (Nos.)		
Basin (Nos.)		
<b>5. Ladies Toilets for office buildings / Auditorium</b>		
Number of users		
Water Closet (Nos.)		
<b>6. Staff Toilets (Ladies / Gents) if Auditorium</b>		

Number of users		
Water Closet (Nos.)		
<b>7. Hospital indoor patient ward (for ladies and gents toilet), if Hospital</b>		
Number of users		
Water Closet (Nos.)		
Wash basin (Nos.)		
Bath (shower) Nos.		
Cleaner sink (kitchen sink) Nos.		