



नेपाल सरकार  
शहरी विकास मन्त्रालय  
शहरी विकास तथा भवन निर्माण विभाग  
संघीय शहरी विकास तथा भवन निर्माण कार्यालय बबरमहल, काठमाडौं

## संयुक्त आवास भवन निर्माण र संचालनको स्वीकृतिको लागि दरखास्त फाराम

दर्ता नं.

दर्ता गर्नेको सही:

मिति:

अनूसुची — १  
(नियम ३ संग सम्बन्धित)

संयुक्त आवास भवन निर्माण गरी सञ्चालन गर्नका लागि दिइने निवेदन

श्रीमान कार्यालय प्रमुखज्यु,  
शहरी विकास तथा भवन निर्माण विभाग,  
संघीय शहरी विकास तथा भवन निर्माण कार्यालय,  
बबरमहल, काठमाडौं ।

मैले संयुक्त आवास भवन निर्माण गरी सञ्चालन गर्न चाहेकोले देहायका विवरण खुलाई स्वीकृतिको लागि यो निवेदन गरेको छु ।

१. संगठित संस्थाको
  - क) नाम:
  - ख) दर्ता नम्बर:
  - ग) नवीकरण मिति:
२. जग्गा धनीको
  - क) नाम:
  - ख) नागरिकताको प्रमाणपत्र नम्बर:
  - ग) ठेगाना:
३. जग्गा रहेको ठाउँ
  - क) जिल्ला:
  - ख) महानगरपालिका/नगरपालिका/गाउँपालिका
  - ग) वडा नं.
  - घ) टोल
४. जग्गाको
  - क) कित्ता नं.
  - ख) क्षेत्रफल:.....रोपनी .....आना..... पैसा..... दाम .....
  - ग) चार किल्ला:
  - घ) स्वामित्व: निजी/साझेदारी
  - ङ) किसिम: रैकर/गुठी/अन्य
- ५) संयुक्त आवास भवनको
  - क) तला:
  - ख) हरेक तलाको आवास एकाई:
  - ग) जम्मा आवास एकाई:
६. संयुक्त आवास भवनको प्रयोजन:
७. निर्माणको किसिम: नयाँ निर्माण/तला थप्ने/पुनःनिर्माण/अन्य

## निवेदन साथ पेश गर्नुपर्ने कागजातहरू

निवेदन दिदा निवेदन फाराम सहित तपसीलमा उल्लेखित कागजातहरू १ (एक) सेट बनाई उपलब्ध गराउनु पर्नेछ ।

सि.नं.	विवरण	कैफियत
१	संयुक्त आवास भवन निर्माण सम्बन्धी साइट प्लान, लोकेशन प्लान र प्रस्तावित नक्सा (भौतिक पूर्वाधारहरू खासगरी बाटो, ढल, खूला क्षेत्र आदिको लम्वाई, चौडाई, क्षेत्रफल, स्थान र स्तर तथा योजनाका घडेरी संख्या, मोहडा, गहिराई र क्षेत्रफल खुलेको नक्सा)	
२	संयुक्त आवास भवनको डिजाइनको अवधारणा, नेपाल इन्जिनियरिङ परिषद दर्ता भएको आर्किटेक्ट र सिभिल इन्जिनियरबाट प्रमाणित भएको संयुक्त आवास भवनको प्रस्तावित नक्सा तथा प्रचलित कानून बमोजिम निर्धारण गरिएको मापदण्डको अधीनमा रही भवन संहिता (Building Code) सम्बन्धी फारामहरू र सो मा उल्लेख गरिएको आर्किटेक्चरल डिजाइन, स्ट्रक्चरल डिजाइन, स्यानेटरी, इलेक्ट्रिकल, HVAC लगायतका डिजाइन ड्रइङ (Soft Copy सहित) ।	
३	वातावरणीय परिक्षण प्रतिवेदन (BES/IEE/EIA) (प्रतिवेदनमा ढल निकास र फोहोर मैला, आवत जावत गर्ने बाटो तथा ट्राफिकमा पर्ने असर, पानी, विजुली, टेलिफोनको सुविधा, सामाजिक, आर्थिक, सांस्कृतिक, धार्मिक र ऐतिहासिक महत्वका सम्पदा र त्यसमा पर्ने असर, जैविक विविधता सम्बन्धी विषयहरू स्पष्ट उल्लेख भएको हुनु पर्नेछ )	
४	जग्गाको क्षेत्रफल र स्वामीत्वको विवरण (व्यक्ति भए नेपाली नागरिकताको प्रमाणपत्र, कम्पनी भए कम्पनी दर्ता प्रमाणपत्र PAN/VAT दर्ता प्रमाण पत्र, जग्गाको धनीको प्रमाणपुर्जा, हालसालै तिरेको रसिद)	
५	आवास इकाई विक्री वितरण प्रक्रियाको विवरण	
६	भवन संचालन योजना तथा व्यवस्थापन प्रक्रियाको विवरण	
७	संस्थापक र संयुक्त आवास इकाई धनीहरू बीच गरिने सम्झौता पत्रको नमूना -Draft Contract Document	
८	भौतिक सुविधाहरूको प्रयाप्तता सम्बन्धी विवरण:	
क)	खानेपानीको स्रोत, परिमाण र वितरण प्रणाली	
ख)	विद्युत आपूर्तिको स्रोत र वितरण प्रणाली	
ग)	वर्षाको पानीको निकास प्रणाली (Storm Water Drainage System)	
घ)	ढलको व्यवस्था र सो को प्रशोधन तथा निकास प्रणाली (Sewerage System & Treatment Methods)	
ङ)	प्रवेश मार्ग (Access Road) र आन्तरिक सडक प्रणाली (Road Network)	
च)	टेलिफोन प्रणाली	
छ)	फोहोरमैला संकलन र प्रशोधन प्रणाली	
ज)	सामूहिक क्षेत्र तथा सुविधा (खेलमैदान, पार्क, खूला क्षेत्र आदि)	
झ)	आकस्मिक विपत्तीबाट बचन सूरक्षाका उपायहरू (Fire Escapes, Fire hydrant )	
ञ)	सूरक्षा गार्डको व्यवस्था (Security System)	
९	प्रस्तावित योजनाको प्रारूप नक्सा र प्रस्तावित योजनाको नक्सालाई योजना क्षेत्र सिमाङ्कित कित्तानापी नक्सामा उत्तार गरेको नक्सा	
१०	प्रस्तावित योजना क्षेत्रको पहुँच मार्गको लम्वाई, चौडाई र कून साविक बाटोबाट शुरु हुने हो सो समेत खुलेको १:५०० वा १:१००० वा १:१००० स्केलको टोपो र कित्तानापी नक्साहरू	
११	योजना क्षेत्र सिमाङ्कित कित्ता नापी नक्सा (कित्ता नम्बरहरू प्रष्ट बुझ्ने हुनु पर्ने )	
१२	प्रस्तावित योजना क्षेत्रको ढल निकास योजना क्षेत्र बाहिर कहाँ गएर जोडिने हो स्पष्ट भएको नक्सा अनिवार्य रूपमा पेश हुनु पर्ने छ । त्यस्तै उक्त नक्सामा खानेपानी र विद्युत् लाइन कहाँबाट कसरी लैजान लागेको हो सो समेत खुलाउन वाञ्छनीय हुनेछ ।	
१३	प्रस्तावित योजना तर्जुमा गर्ने डेभलपर्स, कन्सल्टेन्सी फर्म वा प्राविधिकले प्रचलित मापदण्ड (नर्स र कानून अनुसार छ भनि दस्तखत गरेको प्रस्तावित योजना विवरण ।	

१४	संयुक्त आवास वा योजनाबद्ध आवासहरूमा निर्माण सम्बन्धी गुणस्तर मापदण्ड अनुरूप र भवन संहिता अनुसार हुने प्रतिवद्धता नेपाल इन्जिनियरिङ परिषदबाट मान्यता प्राप्त प्राविधिकबाट प्रमाणित गरिएको हुनु पर्ने छ ।	
१५	नापी कार्यालयबाट प्रत्येक कित्ता टायल चेक गरी क्षेत्रफल यकिन गरेको पत्र र ट्रेस नक्सा सलगन हुनु पर्ने छ ।	
१६	संयुक्त आवास भवन निर्माण गर्ने चरणबद्ध कार्यक्रम (Construction Schedule) सहितको विवरण ।	



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संघीय शहरी विकास तथा भवन निर्माण कार्यालय,  
बबरमहल, काठमाडौं

भवन निर्माण मापदण्ड र संहिता अनुसार नक्शा/डिजाईन स्विकृतीको लागि दरखास्त फाराम

श्रीमान् कार्यालय प्रमुखज्यू,  
संघीय शहरी विकास तथा भवन निर्माण कार्यालय,  
बबरमहल, काठमाडौं

विषय : भवन निर्माण मापदण्ड र संहिता अनुसार नक्शा/डिजाईन पेश गरेको बारे ।

.....महानगरपालिका/नगरपालिका/गाउँपालिका स्थान..... वडा नं. ....मा अवस्थित  
कित्ता नं..... क्षेत्रफल..... मा नयाँ घर निर्माण गर्न प्रस्ताव गरिएको संरचना भुकम्प  
सुरक्षात्मक बनाउन आवश्यक नक्शा, डिजाईन, प्राविधिक चेक लिष्ट र अन्य आवश्यक कागजात सहित यो निवेदन  
पेश गरेको छु । प्राविधिकले तथा निर्माणबाट भूकम्पीय वा साधारण सुरक्षाको कमीले हुन सक्ने सम्पूर्ण जोखिम  
प्रति म/हामी जिम्मेवार छु/छौं । संलग्न डिजाईन तथा सुपरिवेक्षकबाट डिजाईन तथा सुपरिवेक्षण गराउने छु ।  
यस कार्यालयबाट समय समयमा दिईने निर्देशन पालना गर्नेछु तथा आवश्यक परेको बेला त्यस कार्यालयमा उपस्थित  
हुनेछु ।

घरधनीको नाम : .....

ठेगाना : .....

फोन नं. : .....

सही : .....

मिति : .....

दायाँ

बायाँ



नेपाल सरकार  
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शहरी विकास तथा भवन निर्माण विभाग  
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बबरमहल, काठमाडौं

श्रीमान् कार्यालय प्रमुखज्यू,  
संघीय शहरी विकास तथा भवन निर्माण कार्यालय,  
बबरमहल, काठमाडौं

विषय : नेपाल राष्ट्रिय भवन निर्माण संहिता अनुसार भवन र संरचना डिजाइन गरीएको सम्बन्धमा ।

म/हामी यो प्रमाणित गर्दछु कि ..... महानगरपालिका/नगरपालिका/गाउँपालिकाको स्थान .....वडा नं..... मा अवस्थित नापी नक्शा सिट नं. ....कित्ता नं. ....क्षेत्रफल.....का घर/धनी श्री ..... द्वारा निर्माण गर्न प्रस्ताव गरीएको भवन संरचनाको स्ट्रक्चरल डिजाइन, स्ट्रक्चरल ड्रइङ र भवन संरचनाको अरू ड्रइङहरू मैले/हामीले गरेको हो। यसमा भवन ऐन, राष्ट्रिय भवन संहिता तथा अन्य ऐन नियमद्वारा प्रतिपादित समस्त नियम पालना गर्दै आवश्यक भुकम्प सुरक्षात्मक डिजाइन तथा प्रविधि अपनाइएको छ । स्ट्रक्चरल डिजाइन र भवन संरचनाको अरू ड्रइङहरू नेपालको राष्ट्रिय भवन संहिता अनुरूप नभएको पाइएमा म/हामी पूर्ण रूपमा जिम्मेवार हुनेछौं।

<i>Designer</i>	<i>Name</i>	<i>NEC NO.</i>	<i>Signature</i>
1. Architect:			
2. Structural Engineer:			
3. Sanitary Engineer:			
4. Electrical Engineer:			
5. Mechanical Engineer:			
6. Others (If any)			

परामर्शदात्री संस्थाको नाम:—  
सुपरीवेक्षण गर्ने संस्थाको नाम र ठेगाना:—  
प्रोप्राईटरको नाम तथा हस्ताक्षर:—

सुपरीवेक्षण गर्ने  
संस्थाको छाप

परामर्शदात्री  
संस्थाको छाप

## Declaration from the Developer:

I/we fully agree to undertake construction of the building as per the approved designs & drawings in full compliance to the technical details described above, building bye-laws of the municipality and building code. I shall be fully liable as per the prevailing laws in case the construction is found to be done in violation of the bye-laws, building code and encroaching public land.

साथै स्वीकृत Architectural/Structural/ Sanitary/Electrical/Fire Safety का नक्साहरु/डिजाईन अनुसार उल्लेखित परामर्शदात्रीको परामर्श तथा प्राविधिक सुपरीवेक्षण लिई भवन संहिता, संयुक्त आवासको स्वामित्व सम्बन्धि ऐन २०५४, संयुक्त आवासको स्वामित्व सम्बन्धी नियमावली २०६०, बमोजिम निर्दिष्ट गुणस्तर कायम राखी निर्माण कार्य गर्न,गराउनको लागि प्रतिवद्धता जाहेर गर्दछु/गर्दछौ ।

झुट्टा विवरण पेश गरेको ठहरिएमा र स्वीकृत नक्सा, डिजाईन, स्टयाण्डर्डस र स्पेसिफिकेशन बमोजिम निर्माण कार्य फरक पाईएमा प्रचलित कानून बमोजिम सजायको भागिदार हुन,व्यहोर्न मञ्जुर भएको व्यहोरा समेत यसै प्रतिवद्धता पत्रद्वारा अनुरोध गर्दछु/गर्दछौ ।

संस्थापकको नाम:—

ठेगाना:—

फोन नं. —

हस्ताक्षर:—

मिति:—

कम्पनीको छाप

### Declaration from the Designer:

I have prepared the designs and drawings after studying the applicable building bye-laws, building code & other prevailing laws. I shall be fully liable if the designs & drawings are found to be not compliant as per specified bye-laws, building codes & prevailing laws.

<i>Designer</i>	<i>Name</i>	<i>NEC NO.</i>	<i>Signature</i>
1. Architect:			
2. Structural Engineer:			
3. Sanitary Engineer:			
4. Electrical Engineer:			
5. Mechanical Engineer:			
6. Others (If any)			

परामर्शदात्री संस्थाको नाम:—

सुपरीवेक्षण गर्ने संस्थाको नाम र ठेगाना:—

प्रोप्राईटरको नाम तथा हस्ताक्षर:—

कम्पनीको छाप

## To be filled by the Designer

S.N.	Title of the Detail	Description of the Details		
1.	Details of Land Owner	<ul style="list-style-type: none"> <li>Name</li> <li>Address</li> <li>Citizenship no.</li> </ul>		
2.	Details of the Building Owner	<ul style="list-style-type: none"> <li>Name</li> <li>Address</li> <li>Citizenship no.</li> <li>Name of Father/ Husband/ Wife</li> </ul>		
3.	Land Use Zone			
4.	Type of Construction			
5.	Plot no. of the Land Parcel in which the construction is proposed			
6.	Area of the land parcel as per the land ownership certificate (in sq. ft.)			
7.	Actual area of the land parcel as per the field measurement (in sq. ft.)			
8.	Plinth area of the proposed building (in sq. ft.)			
9.	Ground coverage of the proposed building (in percentage)			
10.	Details of floor areas of the new construction and existing building			
	Storey	Area of the proposed building (sq. ft./ sq. m)	Area of the existing building (sq. ft/ sq. m)	Total floor area (insq. ft/ sq. m)
	i) Basement			
	ii) Ground Floor			
	iii) First Floor			
	iv) Second Floor			
	v) Third Floor			
	vi) Fourth Floor			
	vii) Fifth Floor			
	viii) Sixth Floor			
	Total			
11.	Area covered by other constructions like compound wall, shade, etc	Compound wall:Shade:		
12.	Ground coverage after the new construction including existing buildings and other new construction	In sq. ft.: In percentage:		
13.	Permissible Ground Coverage	In sq. ft.: In percentage:		
14.	Number of storeys in the proposed building	<input type="checkbox"/> basement <input type="checkbox"/> ground floor <input type="checkbox"/> first floor <input type="checkbox"/> second floor <input type="checkbox"/> third floor <input type="checkbox"/> fourth floor <input type="checkbox"/> fifth floor <input type="checkbox"/> sixth floor <input type="checkbox"/> .....		
15.	Ceiling height of each storey in the proposed building	Storey	Height	Unit in m/ft
		Basement		
		Ground		
		First		
		Second		
	Third			

			Fourth				
			Fifth				
			Sixth				
16.	Total height of the building (in m/ ft):						
17.	Type of Structure		<input type="checkbox"/> Temporary <input type="checkbox"/> Permanent <input type="checkbox"/> Reinforced Concrete Framed <input type="checkbox"/> Load Bearing (brick masonry) <input type="checkbox"/> Load Bearing (stone masonry) <input type="checkbox"/> Steel Framed <input type="checkbox"/> Timber Framed <input type="checkbox"/> others : .....				
18.	Type of Mortar used in masonry wall		<input type="checkbox"/> cement sand mortar <input type="checkbox"/> mud mortar <input type="checkbox"/> lime surkhi mortar <input type="checkbox"/> other: .....				
19.	Type of Roofing Material		<input type="checkbox"/> RCC <input type="checkbox"/> RBC <input type="checkbox"/> Tile <input type="checkbox"/> CGI Sheet <input type="checkbox"/> Thatched Roof <input type="checkbox"/> Others: .....				
20.	Right-of-way (ROW) of the roads abutting to the land parcel in metre/ feet		Frontside: Backside: Left side Right side:				
21.	Setback distance from the road to the proposed building (in m/ feet)						
	Side	distance from the centre line of the road		distance from the edge of the existing road		Distance from the edge of the ROW	
		actual	minimum as per bye-laws	actual	minimum as per bye-laws	actual	minimum as per bye-laws
	Front						
	Back						
	Left						
	Right						
22.	Distance between outer face/wall and boundary of the plot						
	Facade of the building	Road existing or not	Door/window opening existing or not	Minimum required distance between the outer face of the building and plot boundary	Existing distance between the outer face of the building and plot boundary		
	North						
	South						
	East						
	West						
23.	Distance from the bank of the river/ canal/ public land to the face of the building (if applicable)						
	Permissible distance from the bank of the river/stream/canal/public land to the face of the building (in metre/feet)						
	Actual distance from the bank of the river/stream/canal/public land to the face of the building (in metre/feet)						
24.	Length of cantilever projection or chhajja beyond the face of the building (in m/ feet)						
		Front side	Back side	Left side		Right side	
	Proposed						
	Permissible						
25.	Distance between the edge of the high tension line and the building (if applicable)						

## BUILDING BY-LAWS

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 MonumentSub- Zone (PMZn) <input type="checkbox"/> Preserved Cultural HeritageSub-Zone (PCMZn) <input type="checkbox"/> Mixed Old ResidentialSub- 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 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 ResidentialZone (GRZn) <input type="checkbox"/> Kuleshwor ResidentialZone (KRZn) <input type="checkbox"/> Other	
Name of the Other Land Development Area		
Narayanhiti Palace Zone (NPZn)	<input type="checkbox"/> 100 ft from boundarywall <input type="checkbox"/> 100-200 ft fromboundary 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 groundfloor 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 Warehouse	
<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)		

**B. GENERAL CHECKLIST FOR NBC-206**

	BUILDING ELEMENT	As per submitted Design	Remarks
1.	<b>CLASSIFICATION OF BUILDING</b>		
	Building Purpose		
	Subgroup		
2.	<b>MEANS OF EXIT</b>		

	Effective Occupant Load for exit calculation		
	Max. travel distance to exit point in each floor(m)		
	Min. width of exit door including frame (mm)		
	Min. height of the exit door including floor (mm)		
	No. of staircase and Ramps		
	Total Width of the Staircase/ Ramps(mm)		
	Tread of Staircase (in mm)		
	Riser of Staircase (in mm)		
	Max. no. of riser on one single flight (Nos)		
	Height of the Handrail (in mm)		
<b>3</b>	<b>COMPONENT OF BUILDING</b>		
3.1	Average Plinth height (mm)		
3.2	Room Height (m)		
3.3	Light & Ventilation		
	Min. ratio of opening area for natural light(O) to areaof habitable room (A) – (O/A)		
	Min. ratio of opening area for natural ventilation (O)to area of habitable room(A) – (O/A)		
3.4	Lifts		
	Presence of fire lift	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	Size of Lift car(m)		
3.5	Basements		
	Percentage of vent. in basement		
3.6	Parking		
	Parking area allocated for each car (L X B) (mm)		
	Gradient of ramp for vehicle use		
<b>4.</b>	<b>BUILDING CATEGORY BASED ON HEIGHT</b>		
	Height of parapet wall or balcony handrail(m)		
	Provision of fire escape and fire safety	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>5.</b>	<b>DISABLED ACCESSIBILITY CATEGORY</b>	None/1/2/3	
	No. of floors accessible to wheelchair bound people		
	Max. gradient of ramp		
	Min. width of ramp(m)		

## 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 (inNos.)		
Number of storeys considered in structuraldesign (in Nos.)		
If Computer Aided Design (CAD) is used,please State the name of the software package		
Number of storeys considered in thedesign provision for further extension	<input type="checkbox"/> <input type="checkbox"/> Yes No	
Total height (h) of structure withextension(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 Timber <input type="checkbox"/> Structural Steel <input type="checkbox"/> RCC (Reinforcement Bar) <input type="checkbox"/> Stone Masonry  <input type="checkbox"/>	
<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 Residential buildings</b>		
Occupancy Load (Uniformly Distributed loadin kN/m <sup>2</sup> ) for Rooms and Kitchen		

Occupancy Load (Uniformly Distributed load in $\text{kN/m}^2$ ) for Corridors, Staircase, Store		
Occupancy Load (Uniformly Distributed load in $\text{kN/m}^2$ ) for Balcony		
<b>NBC 104-1994 Wind load</b>		
Wind Zone		
Basic wind speed (in $\text{m/s}$ )		
<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 $\text{kN}$ )		
Fundamental Time Period of the building along X ( $T_x$ ) (in Seconds)		
Fundamental Time Period of the building along Y ( $T_y$ ) (in Seconds)		
Basic Seismic Coefficient Along X (C)		
Basic Seismic Coefficient Along Y (C)		
Seismic zoning factor (Z)		
Importance Factor (I)		
Structural Performance factor (K) (if NBC used)		
Design Horizontal Seismic Coefficient Along X ( $C_d$ )		

Design Horizontal Seismic Coefficient Along Y(Cd)		
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"/> <b>Fe-415</b> <input type="checkbox"/> <b>Fe-500</b> <input type="checkbox"/> <b>Fe-550</b>	
<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 (Ast) Percentage(%) for short span bottom reinforcement		
Provided Tension reinforcement (Ast) 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"/> Khotesalla <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.		