

The National Building Code of India 2005 (NBC 2005) is a prestigious publication of BIS which is widely used by building regulatory authorities, government construction departments, private construction agencies, scientific and academic institutions, building professionals, consultants, etc. BIS proposes to revise the NBC 2005 to bring out NBC 2015 in a time bound manner. For the purpose, please find below the proposal for revision giving modifications required/proposed in various Parts/Sections of the Code including the new Parts/Sections proposed to be included in the revised NBC 2015.

***BIS invites suggestions from all stakeholders on the proposal so that the same may be taken into account in the revision process.***

Comments, if any, may be sent to [sanjaypant@bis.org.in](mailto:sanjaypant@bis.org.in) latest by **31 July 2014**.

**PROPOSED TENTATIVE MODIFICATIONS IN VARIOUS PARTS/SECTIONS OF NBC  
AND ADDITION OF NEW CHAPTERS**

Proposed Part/Sections of NBC 2015	Coverage in NBC 2005	Proposed Modifications in NBC 2015	
		Consequential changes required	Other changes proposed
(1)	(2)	(3)	(4)
<b>Part 0 Integrated Approach – A Pre- requisite for Applying Provisions of the Code</b>	<b>Part 0 Integrated Approach – A Pre- requisite for Applying Provisions of the Code</b>	<b>Part 0 Integrated Approach – A Pre- requisite for Applying Provisions of the Code</b>	
	This Part covers guidelines to be followed for judicious implementation of the provisions of various Parts/Sections of the Code. It classifies the land development/building projects into major stages such as Location/siting, Conceptualization and planning, Designing and detailing, Construction/execution, and Maintenance and repair. It advocates employing team approach during each of these stages by constituting Design Team, Project Management/ Construction Management Team, and Operation & Maintenance Team. These teams constitute of need based	-	Specific provisions for ensuring the following shall be detailed to facilitate compliance of the integrated approach:  a) Mechanism for integration of inputs for architectural, structural and services design during planning and design stage b) Mechanism for co-ordination of efforts for construction

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	building professionals depending upon the type, magnitude and complexity of the project. This part highlights various aspects to be taken care of by each team for successful implementation of the project.		relating to architectural, structural and services during construction/execution stage c) Mechanism for foolproof co-ordination among all building and plumbing services including physical upkeep and maintenance of the structure.
<b>Part 1 Definitions</b>	<b>Part 1 Definitions</b>	<b>Part 1 Definitions</b>	
	This Part lists around 700 terms appearing in all the Parts/Sections of the Code. The terms have been arranged in their alphabetical order. The Part(s) /Section(s) in which these terms are appearing, have been indicated against the terms.  However, some common definitions are reproduced in this part also; the definitions being placed immediately below the term concerned.	To review the existing definitions given in the Code in light of the revised/new Indian Standards since published.	To incorporate more definitions relating to the proposed new parts and sections being included.
<b>Part 2 Administration</b>	<b>Part 2 Administration</b>	<b>Part 2 Administration</b>	
	This Part covers the administrative aspects of the Code, such as applicability of the Code, organization of building department of the Authority Having Jurisdiction for enforcement of the Code, procedure for obtaining development and building permits, and responsibility of the owner.	-	This part is proposed to be revised to address the following in a comprehensive manner:  a) Provision for single window approach for all services for building permit. b) Emphasis on computerization of approval

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			<p>processes for building permits.</p> <p>c) Detailed mechanism for safety certification of buildings against natural disasters.</p> <p>d) Detailed provisions for building sanction and permit process for high rise buildings and other vulnerable buildings.</p> <p>e) Periodic renewal certification for high rise and other vulnerable buildings.</p> <p>f) Capacity building of team of building officials.</p>
<b>Part 3 Development Control Rules and General Building Requirements</b>	<b>Part 3 Development Control Rules and General Building Requirements</b>	<b>Part 3 Development Control Rules and General Building Requirements</b>	
	<p>This Part deals with the development control rules and general building requirements to ensure health and safety of the public. It covers provisions relating to land use classification and users permitted, means of access to plots, community open spaces and amenities, open spaces within a plot, area and height limitations, off street parking requirements, requirements for green belt/landscaping, and requirements of various parts of buildings.</p> <p>It also includes civil aviation requirements for construction in the vicinity of an aerodrome, special requirements for low income housing in urban</p>	-	<p>This part is proposed to be revised to address the following in a comprehensive manner:</p> <p>a) Detailed norms for urban planning, including concepts of high density group housing, smart cities and integrated townships.</p> <p>b) Review of provisions for use of basement for different occupancies.</p> <p>c) Review of off-street/on-site parking norms based on</p>

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	areas, special requirements for planning of public buildings for persons with disabilities, special requirements of cluster planning for housing, special requirements for low income habitat planning in rural areas, and special requirements for development planning in hilly areas.		<p>current vehicular density and parking requirements with the inclusion of multi-level underground parking and mechanized multi-level parking.</p> <p>d) Review of norms for low income housing in urban areas, rural areas, development planning norms for hilly areas.</p> <p>e) Inclusion of norms for coastal areas.</p> <p>f) Revision of requirements for buildings and facilities for universal accessibility.</p>
<b>Part 4 Approach to Sustainability</b>	<b>Part 11 Approach to Sustainability</b>	<b>Part 4 Approach to Sustainability</b>	
	This part is being added to NBC 2005 through Amendment No. 1 to the Code. It gives overall approach to achieve sustainability in land development and building construction, and also gives specific provisions relating to sustainability for siting, form and design; external development and landscape; envelope optimization; materials; water and waste management; building services optimization; constructional practices; and commissioning, operation, maintenance and building performance tracking.	-	The newly finalized chapter on sustainability being added to NBC 2005 would be reviewed for further updation.

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<b>Part 5 Fire and Life Safety</b>	<b>Part 4 Fire and Life Safety</b>	<b>Part 5 Fire and Life Safety</b>	
	<p>This Part covers the requirements for fire safety of building and its occupants by providing provisions for</p> <p>a) fire prevention, b) life safety in relation to fire, and c) fire protection of buildings.</p> <p>It classifies building occupancy-wise into 9 types as follows:</p> <p>Group A Residential Group B Educational Group C Institutional Group D Assembly Group E Business Group F Mercantile Group G Industrial Group H Storage Group J Hazardous</p> <p>Each of the above is classified into further subdivisions. For fire prevention, it gives provisions for fire zoning, types of construction with different fire resistance rating, and building finishes, etc. with the aim to prevent/delay fire propagation.</p> <p>For life safety, it gives provisions for exit requirements including their number and arrangement, emergency lighting, fire detection and warning, etc.</p>	<p>To include references and information from concerned new published and revised standards on fire fighting and fire safety.</p>	<p>This part is proposed to be revised to address the following in a comprehensive manner:</p> <p>a) Categorization of additional occupancies including mixed (such as malls) and multiple occupancies (such as in integrated townships) b) Reviewing limitation of height of various types of buildings from fire safety point of view with installation of appropriate fire safety mechanism/fire segregation. c) Review of fire resistance rating of materials/components based on latest research data. d) Review of provision of fire compartmentation in basements. e) Revision of table on occupancy-wise requirements for firefighting installations, etc. f) Inclusion of provisions for building security and its interface with fire safety. g) Complete review of provisions of fire safety</p>

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	For fire protection, it provides in Table 23, minimum requirements for firefighting installations for various types of building occupancies. It also gives specific annexes for fire protection requirements for high rise buildings; fire protection considerations for venting in industrial buildings; and guidelines for fire drill and evacuation procedures for high rise buildings.		requirements for high rises and additional provisions for super high rise/tall buildings.
<b>Part 6 Building Materials</b>	<b>Part 5 Building Materials</b>	<b>Part 6 Building Materials</b>	
	This Part covers the requirements of building materials and components, and criteria for accepting new or alternative building materials and components. It enlists alphabetically various materials used in building construction including for various engineering services giving Indian Standard Specifications and test methods for the same. It also provides criteria for selection of new/alternative building materials.	To update the list of building materials and components including various Indian Standard specifications and test methods for the same, based on the new standards formulated and revision of existing standards.	This part is proposed to be revised to:  a) add additional categories of building materials to give collection of Indian Standards in a user friendly manner, and  b) detail the provisions for appropriate selection of building materials including use of sustainable building materials.
<b>Part 7 Structural Design</b>	<b>Part 6 Structural Design</b>	<b>Part 7 Structural Design</b>	
<i>Section 1 Loads, Forces and Effects</i>	<i>Section 1 Loads, Forces and Effects</i>	<i>Section 1 Loads, Forces and Effects</i>	
	This Section covers basic design loads to be assumed in the design of buildings. These include dead load, imposed loads, wind loads, seismic	To revise based on a) the revision of wind load	To revise based on a) inclusion of data on dead

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	loads, snow loads and other loads, which are specified herein, as minimum working loads along with load combinations which should be taken into consideration for purposes of design.	code, IS 875 (Part 3), and b) the proposed revision of earthquake code, IS 1893 (Part 1).	load of more/new building materials, and b) further elaboration on consideration of loads in multi-disaster prone areas.
<i>Section 2 Soils and Foundations</i>	<i>Section 2 Soils and Foundations</i>	<i>Section 2 Soils and Foundations</i>	
	This Section covers structural design (principles) of all building foundations such as raft, pile and other foundation systems to ensure safety and serviceability without exceeding the permissible stresses of the materials of foundations and the bearing capacity of the supporting soil.	To revise based on the following revised standards: a) Driven cast in-situ concrete pile code, IS 2911 (Part 1/Sec 1). b) Bored cast in-situ concrete pile code, IS 2911 (Part 1/Sec 2). c) Driven precast concrete pile code, IS 2911 (Part 1/Sec 3). d) Precast concrete piles in prebored holes, IS 2911 (Part 1/Sec 4).	To review provisions relating to sub-soil investigation and ground improvement techniques.
<i>Section 3 Masonry</i>	<i>Section 4 Masonry</i>	<i>Section 3 Masonry</i>	
	This Section primarily covers the structural design aspects of unreinforced load bearing and non-load bearing walls, constructed with various clay, lime, stone and concrete based masonry units, etc permitted in accordance with this Section. This, however, also covers provisions for design of reinforced brick and reinforced brick concrete floors and roofs. It also covers guidelines regarding earthquake resistance of low strength masonry	To revise based on: a) the revision of earthquake code for design of masonry buildings, IS 4326; and b) the revision of standard on repair and seismic strengthening of masonry buildings, IS 13935.	To revise based on: a) inclusion of provision on reinforced masonry based on the ongoing work for development of a new standard, b) inclusion of soil based block masonry as a sustainable

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	buildings.		design option, and c) inclusion of traditional technologies for their appropriate applications.
<i>Section 4 Concrete</i>	<i>Section 5 Concrete</i>	<i>Section 4 Concrete</i>	
<p><i>4A Plain and Reinforced Concrete</i></p> <p><i>4B Prestressed Concrete</i></p>	<p><i>5A Plain &amp; Reinforced Concrete</i></p> <p>This Section deals with the general structural use of plain and reinforced concrete.</p> <p><i>5B Prestressed Concrete</i></p> <p>This sub-section deals with the general structural use of prestressed concrete. It covers both work carried out on site and the manufacture of precast prestressed concrete units.</p>	<p><i>4A Plain &amp; Reinforced Concrete</i></p> <p>To incorporate the modifications so far done in the concrete code, IS 456:2000 since the last revision of NBC through its 4 amendments already published and further improvements on the anvil.</p> <p><i>4B Prestressed Concrete</i></p> <p>To revise by including prestressed concrete provisions based on the revised PSC code, IS 1343:2012.</p>	<p><i>4A Plain &amp; Reinforced Concrete</i></p> <p>This Section is proposed to be revised to:</p> <p>a) include self compacting concrete, pervious concrete, ferrocement, and fibre reinforced concrete;</p> <p>b) include provisions for high strength and high performance concrete;</p> <p>c) include design parameters for high strength concrete; and</p> <p>d) cover any special provisions for high rise and large span constructions.</p> <p><i>4B Prestressed Concrete</i></p> <p>-</p>

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<i>Section 5 Steel</i>	<i>Section 6 Steel</i>	<i>Section 5 Steel</i>	
	This Section covers the use of structural steel in general building construction including the use of hot rolled steel sections and steel tubes.	This Section is proposed to be revised: a) based on the revised steel design code, IS 800:2007 and further ongoing modifications in the same; and b) to include detailed provisions on tubular steel design of buildings based on the proposed revision of IS 806.	To include detailed provisions on design of space frames.
<i>Section 6 Timber and Bamboo</i>	<i>Section 3 Timber and Bamboo</i>	<i>Section 6 Timber and Bamboo</i>	
<i>6A Timber</i> <i>6B Bamboo</i>	<i>3A Timber</i>  This Section relates to the use of structural timber in structures or elements of structures connected together by fasteners/fastening techniques.  <i>3B Bamboo</i>  This Section relates to the use of bamboo for	<i>6A Timber</i>  This section is proposed to be revised based on the ongoing revision of timber design code, IS 883  <i>6B Bamboo</i>  This section is proposed to be	<i>6A Timber</i>  This section is proposed to be revised to include design provisions relating to for structural sandwiches, glued laminated beams, lamella roofing, nail and screw holding power of timber, structural use of plywood and trussed rafter.  <i>6B Bamboo</i>  This section is proposed to be

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	<p>constructional purposes in structures or elements of the structure, ensuring quality and effectiveness of design and construction using bamboo. It covers minimum strength data, dimensional and grading requirements, seasoning, preservative treatment, design and jointing techniques with bamboo which would facilitate scientific application and long-term performance of structures. It also covers guidelines so as to ensure proper procurement, storage, precautions and design limitations on bamboo.</p>	<p>revised based on the new bamboo design code, IS 15912 thereby including updated data on species of bamboo available indigenously</p>	<p>revised to bring coherence with international practices/ISO standard on design using bamboo.</p>
<i>Section 7 Glass and Glazing</i>		<i>Section 7 Glass and Glazing</i>	
	-		<p>This <u>new Section</u> is proposed to be introduced on use of glass and structural design of glazing in buildings covering the following:</p> <ul style="list-style-type: none"> <li>a) General methodology for selection</li> <li>b) Energy and Light</li> <li>c) Fire and Loading</li> <li>d) Safety Related to Human Impact.</li> </ul> <p>Information on glazing systems is also proposed to be included.</p>

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<i>Section 8 Prefabrication Systems Building and Mixed/Composite Construction</i>	<i>Section 7 Prefabrication Systems Building and Mixed/Composite Construction</i>		<i>Section 8 Prefabrication Systems Building and Mixed/Composite Construction</i>
<i>8A Prefabricated Concrete 8B Systems Building and Mixed/Composite Construction</i>	<p><i>7A Prefabricated Concrete</i></p> <p>This sub-section gives recommendations regarding modular planning, component sizes, prefabrication systems, design considerations, joints and manufacture, storage, transport and erection of prefabricated concrete elements for use in buildings and such related requirements for prefabricated concrete.</p> <p><i>7B Systems Building and Mixed/Composite Construction</i></p> <p>This sub-section covers recommendations regarding modular planning, component sizes, joints, manufacture, storage, transport and erection of prefabricated elements for use in buildings and such related requirements for systems building and mixed/composite construction.</p>	<p><i>8A Prefabricated Concrete</i></p> <p>This section is proposed to be revised to cover revised provisions on prefabricated concrete design provisions, based on IS 15916.</p> <p><i>8B Systems Building and Mixed/Composite Construction</i></p> <p>This section is proposed to be revised to cover the pre-engineering design provisions comprehensively, based on IS 15917</p>	<p><i>8A Prefabricated Concrete</i></p> <p>a) To include comprehensive design provisions including safety aspects to prevent failures. b) To encompass in general, various models of prefabrication, with a view to propagating the industrialized building construction in the country.</p> <p><i>8B Systems Building and Mixed/Composite Construction</i></p> <p>To include more detailed provisions encompassing in general, applicability to various models of pre-engineered building systems using varied materials, with a view to propagating the industrialized/pre-engineered building construction in the country.</p>

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<b>Part 8 Constructional Practices and Management including Safety in construction</b>	<b>Part 7 Constructional Practices and Management including Safety in construction</b>	<b>Part 8 Constructional Practices and Management including Safety in construction</b>	
	This Part of the Code covers the constructional planning, management and practices in buildings; storage, stacking and handling of materials and safety of personnel during construction operations for all elements of a building and demolition of buildings. It also covers guidelines relating to maintenance management, repairs, retrofitting and strengthening of buildings.	To comprehensively revise a) to include detailed general construction management provisions along with specific references to time, cost, quality, health & safety, scope, risk, communication, procurement, human resources, integration management, etc based on the published and ongoing work under the standard, IS 15883; b) to elaborate on provisions for safety during construction of buildings based on revised safety codes; and c) to also revise good construction practices based on the concerned revised codes.	To comprehensively revise to elaborate on provisions for safety during construction of buildings in case of high rise buildings.  The provisions on maintenance management earlier covered in this chapter would be shifted to proposed new chapter on Building Maintenance.
<b>Part 9 Building Services</b>	<b>Part 8 Building Services</b>	<b>Part 9 Building Services</b>	
<i>Section 1 Lighting and Ventilation</i>	<i>Section 1 Lighting and Ventilation</i>	<i>Section 1 Lighting and Ventilation</i>	
	This Section covers requirements and methods for lighting and ventilation of buildings.	The revision will include reference to National Lighting Code.	This section is proposed to be revised:

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			<ul style="list-style-type: none"> <li>a) to include comprehensive provisions on solar energy based supplementary lighting,</li> <li>b) to review the luminous efficacy/life (in terms of burning hours) of various supplementary light sources and include latest types of luminaires, and</li> <li>c) to link with the requirement of envelope optimization.</li> </ul>
<i>Section 2 Electrical and Allied Installations</i>	<i>Section 2 Electrical and Allied Installations</i>	<i>Section 2 Electrical and Allied Installations</i>	<i>Section 2 Electrical and Allied Installations</i>
	<p>This Section covers the essential requirements for electrical installations in buildings to ensure efficient use of electricity including safety from fire and shock. This Section also includes general requirements relating to lightning protection of buildings</p>	<p>The Section will be reviewed in coherence with the revised National Electrical Code</p>	<p>This section is proposed to be revised:</p> <ul style="list-style-type: none"> <li>a) to include more explanatory sketches;</li> <li>b) to review the provisions on location, height, approach of Panels, DB, substation equipment, etc;</li> <li>c) with high rise/tall buildings being order of the day, to review to address resilience in emergency electricity run systems such as emergency lighting, ventilation system, smoke extraction system, pressurization system, fire lifts, exit path lighting, refuge</li> </ul>

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			<p>area lighting, etc, and safety in design of electrical system;</p> <p>d) to consider inclusion of use of fire resistance cabling system, addressable systems such that the system responds to any problem in flow of electricity at critical line of path. Safety of services crossing various fire compartments which may be under fire</p> <p>e) to review provisions on location and use of fuels for generating electricity which are placed inside buildings.</p>
<i>Section 3 Air-conditioning, Heating and Mechanical Ventilation</i>	<i>Section 3 Air-conditioning, Heating and Mechanical Ventilation</i>	<i>Section 3 Air-conditioning, Heating and Mechanical Ventilation</i>	
	This Section covers the design, construction and installation of air conditioning and heating systems and equipment installed in buildings for the purpose of providing and maintaining conditions of air temperature, humidity, purity and distribution suitable for the use and occupancy of the space.	-	<p>The revision will address the following:</p> <p>a) Inside conditions for comfort to be based on Adaptive Comfort Conditions for each of India's five climate zones.</p> <p>b) Outdoor design conditions shall be based on latest compilation from the recent</p>

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			<p>metrological data.</p> <p>c) Review of list of refrigerants including to cover new refrigerant like HFC32 (with ultra-low GWP and Zero ODP) now available. Also to cover ammonia, CO<sub>2</sub>, and other Natural Refrigerants making a come-back.</p> <p>d) To take advantage of the powerful tools for energy modelling, day-light simulation, solar-shade analysis, and wind modulation are extensively used to optimize the building envelope to cut down the building air conditioning requirement substantially.</p> <p>e) Special methods for air conditioning to bring energy requirement down to an absolute minimum.</p> <p>f) Chilled Beams &amp; Chilled Slabs for internal sensible loads and dedicated outdoor air conditioning unit for internal latent loads. These require building envelope to be air-tight.</p> <p>g) Underfloor air conditioning to restrict the conditioned area to within occupied levels only, with stratification in</p>

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			<p>upper voids of space.</p> <p>h) Heat Recovery Units have gone through phenomenal design development using nano-technologies and can result in upto 90 percent heat recovery.</p> <p>i) Water Conservation – Highly efficient cooling towers with Zero Drift and No Legionella Bacteria growth, due to completely closed structure.</p> <p>j) Geo-Thermal Cooling – Using ground source or aquifers for discharging building heat thru sensible cooling, with zero use of water.</p> <p>k) Residential Air Conditioning – Needs special coverage since India will build millions of affordable homes. Special units are being developed for keeping both capital cost and operating cost under tight control.</p> <p>l) Inverter Technology in VRV units manufacture, being highly energy efficient.</p> <p>m) Specific requirements for Cold Chain to also be examined.</p>

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<i>Section 4 Acoustics, Sound Insulation and Noise Control</i>	<i>Section 4 Acoustics, Sound Insulation and Noise Control</i>	<i>Section 4 Acoustics, Sound Insulation and Noise Control</i>	
	This Section covers requirements and guidelines regarding planning against noise, acceptable noise levels and the requirements for sound insulation in buildings with different occupancies.	-	This Section is proposed to be revised:  a) to include latest developments in the field in the country and internationally, and b) national regulatory practices/notifications.
<i>Section 5 Installation of Lifts and Escalators</i>	<i>Section 5 Installation of Lifts and Escalators</i>	<i>Section 5 Installation of Lifts and Escalators</i>	
	This Section covers the essential requirements for the installation, operation and maintenance and also inspection of lifts (passenger lifts, goods lifts, hospital lifts, service lifts and dumb waiter) and escalators so as to ensure safe and satisfactory performance.	This section is proposed to be revised based on:  a) new standard on installation, operation & maintenance of machine room-less lifts, IS 15785; b) new standard being prepared on escalators and travelators; c) new standard on lifts for handicapped persons, IS 15330; and d) new standard on replacement of existing passenger and goods passenger lifts, IS 14665 (Part 6) .	The revision will address the special requirements for quick vertical transportation through lifts for super high rise/tall buildings.

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<i>Section 6 Information and Communication Enabled Installations</i>		<i>Section 6 Information and Communication Enabled Installations</i>	
	-		To introduce a <u>new Section</u> to cover comprehensive provisions for IT enabled buildings, voice and data communication, telecommunication, building management system, etc.
<b>Part 10 Plumbing Services including Solid Waste Management</b>	<b>Part 9 Plumbing Services</b>	<b>Part 10 Plumbing Services including Solid Waste Management</b>	
<i>Section 1 Water Supply</i>	<i>Section 1 Water Supply, Drainage and Sanitation (including Solid Waste Management)</i>	<i>Section 1 Water Supply</i>	
	<p>This Section covers the basic requirements of water supply for residential, business and other types of buildings, including traffic terminal stations. It also deals with general requirements of plumbing connected to public water supply and design of water supply systems.</p> <p>This Section also covers the design, layout, construction and maintenance of drains for foul water, surface water and subsoil water and sewage; together with all ancillary works, such as connections, manholes and inspection chambers used within the building and from building to the connection to a public sewer, private sewer, individual sewage-disposal system, cesspool, soakaway or to other approved point of disposal/ treatment work.</p>	-	<p>This Section is proposed to be revised:</p> <p>a) to deal with the provisions relating to water supply here while dealing with the provisions on drainage and sanitation in Section 2 and creating a separate Section 3 on solid waste management,</p> <p>b) to include comprehensive guidance on dual water supply including precautions in use of recycled water,</p> <p>c) to review the provisions in light of latest international</p>

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			practices and developments, and d) to highlight use of low flow fixtures where appropriate.
<i>Section 2 Drainage and Sanitation</i>		<i>Section 2 Drainage and Sanitation</i>	
		-	This section is proposed to be revised:  a) to deal with the provisions relating to drainage and sanitation here while dealing with the provisions on water supply in Section 1 and creating a separate Section 3 on solid waste management; b) to review the provisions in view of the revised CPHEEO Manual; c) to include comprehensive guidance on waste water recycling/reclamation, rain water harvesting, etc; d) to review the provisions in light of latest international practices and developments; and e) to highlight use of low flow fixtures where appropriate.

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<i>Section 3 Solid Waste Management</i>		<i>Section 3 Solid Waste Management</i>	
			To introduce a <u>new Section</u> on solid waste management which is at present only briefly covered under Part 9/Sec 1 Water supply, drainage and sanitation (incl. solid waste management). The new Section to cover detailed provisions on municipal solid waste management.
<i>Section 4 Gas Supply</i>	<i>Section 2 Gas Supply</i>	<i>Section 4 Gas Supply</i>	
	This Section covers the requirements regarding the safety of persons and property for all piping uses and for all types of gases used for fuel or lighting purposes in buildings.	-	To review the entire Section to incorporate experience gained in the piped gas supply in the country.
<b>Part 11 Landscaping, Signs &amp; Outdoor Display Structures</b>	<b>Part 10 Landscaping, Signs &amp; Outdoor Display Structures</b>	<b>Part 11 Landscaping, Signs &amp; Outdoor Display Structures</b>	
<i>Section 1 Landscape Planning and Design</i>	<i>Section 1 Landscape Planning and Design</i>	<i>Section 1 Landscape Planning and Design</i>	
	This Section covers requirements of landscape planning and design with the view to promoting quality of outdoor built environment and protection of land and its resources.	-	a) To review this Section included in the last revision, based on the experience gained in its use. b) To elaborate the provisions relating to street furniture.

Proposed Part/Sections of NBC 2015	Coverage in NBC 2005	Proposed Modifications in NBC 2015	
		Consequential changes required	Other changes proposed
(1)	(2)	(3)	(4)
<i>Section 2 Signs and Outdoor Display Structures</i>	<i>Section 2 Signs and Outdoor Display Structures</i>	<i>Section 2 Signs and Outdoor Display Structures</i>	
	This Section covers the requirements with regard to public safety, structural safety and fire safety of all signs and outdoor display structures.	-	To review signages requirement after examining IRC standards and international best practices.
<b>Part 12 Building Maintenance</b>		<b>Part 12 Building Maintenance</b>	
	-	-	This <u>new Part</u> would include all aspects relating to upkeep, repair and maintenance. The provisions on building maintenance covered in the earlier Part 7 Constructional Practices and Safety, would also be shifted from there to this Part.