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मानक

IS 962 (1989): Code of practice for architectural and building drawings [CED 51: Planning, Housing and pre-fabricated construction]



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भारतीय मानक

वास्तुकीय ग्रौर इमारती ड्राइंगों की रीति संहिता

(दूसरा पुनरीक्षण)

Indian Standard

CODE OF PRACTICE FOR ARCHITECTURAL AND BUILDING DRAWINGS

(Second Revision)

First Reprint JUNE 1993

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BUREAU OF INDIAN STANDARDS MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG NEW DELHI 110002

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FOREWORD

This Indian Standard (Second Revision) was adopted by the Bureau of Indian Standards on 3 April 1989, after the draft finalized by the Planning, Byelaws and Dimensional Co-ordination Sectional Committee had been approved by the Civil Engineering Division Council.

It has been found desirable to codify the numerous architectural and building drawing office practices followed in the various architectural and civil engineering departments, so that the drawings prepared in any office can be read without fear of misinterpretation. The purpose of this code is to establish certain conventions, in order to avoid confusion, increase speed and achieve quick identification wherever this is reasonably possible.

This standard was originally published in 1967. The present revision has been undertaken with a view to updating the contents of the standard. The revision takes into account international drawing practices. In this present revision recommendations with regard to sizes of drawings, scales, line work, lettering and dimensioning and nomenclature of buildings have been aligned with international practice.

Considerable assistance has been derived in the formulation of this code from the following standards published by the International Organization for Standardization:

ISO 2595 : 1973	Building drawings — Dimensioning of production drawings — Representation of manufacturing and work sizes
ISO 4067 (2) : 1980	Building and civil engineering drawings — Installations — Part 2 Simplified representation of sanitary appliance
ISO 4067 (6) : 1985	Technical drawings — Installations — Part 6 Graphical symbols for supply water and drainage systems in the ground
ISO 4157 (1): 1980	Building drawing — Part 1 Designation of buildings and parts of buildings
ISO 4157 (2): 1982	Technical drawings — Construction drawings designation of buildings and parts of buildings — Part 2 Designation of rooms and other areas

This standard also covers nomenclature of floors and storeys at present covered in IS 2332: 1972 'Nomenclature of floors and storeys', consequently this standard is withdrawn. The present nomenclature is based on international practice but the earlier provisions of IS 2332: 1972 relating to mezzanine, galleries and basements have been retained.

Indian Standard

CODE OF PRACTICE FOR ARCHITECTURAL AND BUILDING DRAWINGS

(Second Revision)

1 SCOPE

1.1 This code lays down the recommendation for sizes, layout, reproduction, folding of prints, scales, projection, line work, lettering and dimensioning, graphical symbols, abbreviation, representation of materials in section, numbering of building, designation of rooms and other areas.

2 REFERENCES

2.1 The following Indian Standards are necessary adjuncts to this standard:

IS No.	Title
9609 (Part 1): 1983	Lettering on technical draw- ings: Part 1 English characters
10711 : 1983	Sizes of drawing sheets
10713:1983	Scales for use on technical drawings
10714 : 1983	General principles of presenta- tion on technical drawings
10720 : 1983	Technical drawings for stru- ctural metal works
11665 : 1985	Technical drawings — Title block

3 SIZES OF DRAWINGS

3.1 Selection and Designation of Sizes

The original drawing should be made on the smallest sheet permitting the necessary clarity and resolution.

The choice of sizes of the original drawing and its reproductions shall be made from the series shown in 3.2, 3.3, and 3.4 in that order.

Drawing sheets may be used with their longer sides positioned either horizontally or vertically.

3.2 Sizes Series A (First Choice)

The preferred sizes of the trimmed sheets, as selected from the main A series, are given in Table 1.

3.3 Special Elongated Sizes (Second Choice)

When a sheet of greater length is needed, one of the sizes in Table 2 should be used.

Table 1 Preferred Sizes

(*Clause* 3.2)

Designation (1)	Dimension, mm (2)
A0	841 × 1 189
A1	594 × 841
A2	420 × 594
Á3	297 × 420
A4	210×297

Table 2 Special Elongated Sizes (Clause 3.3)

Designation	Dimension, mm
(1)	(2)
A3 × 3	420 × * 891
$A3 \times 4$	420×1189
$A4 \times 3$	297 × 63 0
$A4 \times 4$	297 × 841
$A4 \times 5$	297 ×1 051

These sizes are obtained by extending the shorter sides of a format of the A series to lengths that are multiples of the shorter side of the chosen basic format.

3.4 Exceptional Elongated Sizes (Third Choice)

When a very large or extra elongated sheet is essential, one of the sizes in Table 3 should be used.

These sizes are obtained by extending the shorter sides of a format of the A series to lengths that are multiples of the shorter side of the chosen basic format.

4 LAYOUT OF DRAWINGS

4.1 General

For details about layout of drawings reference shall be made to IS 10711 : 1983.

Designation	Dimension, mm
(1)	(2)
$A0 \times 2$	1 189 × 1 682
$A0 \times 3$	$1\ 189 \times 2\ 523^*$
$A1 \times 3$	841 × 1 783
$A1 \times 4$	841 × 2 378*
A2.×.3	g
$A2 \times 4$	594 × 1 682
A3 × 5	420 × 1 486
	400 1 703
$A3 \times 6$ $A3 \times 7 \times 6$	420 × 2 080
$A4 \times 6$	29 7 × 1.261
A4, ×.7	
$A4 \times 8$	297 × 1 682
A4 × 9	297 × 1 892
and the second	sons the use of these sizes is not

Table 3 Exceptional Elongated Sizes

(Clause 3.4)

4.2 Revision

4.2.1 Drawings shall record all alterations or revisions made from time to time. A convenient form is a panel giving the revision number (or letter), date, zone or part revised, brief record and dated initials of the approving authority.

4.2.2 The panel for revision and any other information ancillary to the revision should be contiguous with the title block and read from bottom upwards and may run horizontally or vertically with respect to the drawing sheet.

4.2.3 The method of assigning revision number varies with types of drawings and each organization or architect may adopt suitable internal system, but in all cases, care shall be taken that the record of revision is so tied with the drawing that it is easily found. This is particularly necessary on large sheets.

4.2.4 The number and date of revision shall be added in the revision panel.

4.3 Numbering of Drawing Sheet

4.3.1 A methodical system of numbering of drawings is essential. The system of numbering drawings shall be a matter of individual departments or firms to decide but, in general, the following rules are recommended:

a) A register, book or master file should be used for the systematic allocation of drawing numbers with a card index for ready

- reference. A system of straight consecutive numbering will be found to meet general conditions. In an organization, where several sections are engaged in different types of drawings, it may be convenient to issue batches of numbers to the various sections.
- b) It will be advantageous to indicate the date of the drawing along with the drawing number and separated by a hyphen or a dash. This will limit the serial numbering of drawings to one calendar year, a fresh series being started every year. Location of old drawings in the register and in the filing cabinets will be easy.

4.3.2 In case of large construction project works, where several series of drawings, for example, architectural drawings, structural drawings, constructional drawings, plumbing drawings, electrical drawings and mechanical drawings are made; the drawing number of such series shall be prefixed with letters like A, S, O, P, E and M respectively.

4.3.2.1 When a drawing covers several sheets for convenience in handling, as in the case of a longitudinal section of a railway or road project, the same number should be given to all the sheets in the series with the consecutive sheet number given within brackets after the sub-number. For example, a sheet should be designated as R 65-11 (4 of 10) which will indicate that the drawing is the fourth of 10 sheets in sub-number 11 of project R 65. All such sheets should be of the same size.

4.3.3 A key diagram showing the index of sheets should be, given, where necessary, at the bottom, of the sheet to indicate at a glance all the drawing sheets contiguous to the sheet under consideration.

4.4 Repetition of Drawing Number

4.4.1 For ready reference) the drawing number shall be repeated:

- a) at the top right-hand corner in vertical filing, r and bom so Lizon's griward largers and
- b) at the top right-hand corner and the bottom left-hand corner in rolls.

4.4.2 When more than one sheet is required for the project, or a part of a complicated building or layout, and a particular drawing is one such sheet, the numbering shall show the total number of sheets in the series and the number of the parti-iz cular sheet as in the following example:

'SHEET'4 OF 12' A caised casid 5.8 second become out of cost to cost to cost to cost of This entry shall come next to the repeated drawing? number.

4.5 Additional Information

4.5.1 For details about additional information reference shall be made to IS 11665 : 1985.

5 REPRODUCTION OF DRAWINGS

5.1 Original drawings and tracings are normally preserved carefully and copies are used in workshop or on sites. The following types of copies are in common use:

- a) Dyeline prints are produced by exposing sensitized paper to light in contact with the original translucent drawing. They are developed to produce positive copies by means of ammonia gas or in semi-dry process by a light application of liquid developer. The copy gives black lines in semi-dry process and blue lines with ammonia process on a white or tinted background.
- b) Ferro-prussiate or blue prints are developed by immersion in water. They have been largely superseded by dyeline prints.

c) Projection (photographic) copying on photo-sensitive materials: paper, film, and translucent paper, permits a change of scale, enlargement or reduction. To conserve filing space, for security purposes and safety in storage and transport, originals can be photographically reduced on to film. These reductions can be enlarged to make working copies or they can be inspected at an enlarged scale in a viewer, in which the image is projected on to a ground glass screen.

- d) Copies which are to be water-coloured should be made on matt or rough paper.
- e) Reflex copies are made on photo-sensitive materials, or translucent paper and can be produced from opaque originals. The reproductions are made by contact and must therefore be of the same size as the original.

5.2 All the above processes, except ferro-prussiate, can provide translucent copies from which further copies can be made. These are very useful for the preparation of drawings showing services (pipe run, etc) which can be examined on the translucent copy.

5.3 The dimensions, thickness and other characteristics of the lines should be kept in view while preparing drawing for miero filming.

6 FOLDING OF PRINTS

6.1 The method of folding prints of drawings for storing in filing cases, attaching to correspondence files, or for binding in special reports is illustrated in Fig. 1 and 1A.

6.2 The recommended method of folding embodies the following features:

- a) The method allows drawings to be unfolded and re-folded when attached to other papers without the necessity for removal from the file and without the possibility of the print being torn. Lower portion of the left-hand margin of the sheet may be cut after retaining 297 mm long top portion in order to provide for filing the drawings in the files.
- b) All maps and plans are folded to final size for convenience of record in office files.
- c) There is no necessity to open up a drawing to see what it refers to as the title block, which gives the particulars of the drawings, is visible on the bottom right-hand corner of the folded drawings.
- d) Plans may be opened out easily by holding firmly the top left-hand corner and pulling the bottom right-hand corner.

6.3 The following procedure shall be adopted in the order indicated:

- a) Always fold vertically first,
- b) Fold horizontally next,
- c) Folded drawing to be of A4 size, and
- d) Title block to be on the topmost fold for casy reference.

The different stages of folding are indicated in Fig. 1 for some of the sizes.

7 SCALES

7.1 The scales shall be chosen in accordance with IS 10713 : 1983.

7.2 The recommended scales for use on technical drawings are specified in Table 4.

Table 4 Recommended Scales

Category	Reco	icales	
Enlargement scales	50:1	20:1	10:1
Full size	5:1	2:1	1:1
Reduction scales	1:2	1:5	1:10
	1 : 20 1 : 200	1:50 1:500	1:100
	1:2000	1:5000	1:10.000
	l		

8 PROJECTION

8.0 For details about principle of presentation, reference shall be made to IS 10714 : 1983.



All dimensions in millimetres.

FIG. 1 FOLDING OF PRINTS

4



All dimensions in millimetres.

FIG. 1A FOLDING OF PRINTS

IS 962 1989

8.1 First angle projection is that in which each view is so placed that it represents the side of the object remote from it in the adjacent view (see Fig. 2).

8.1.1 With reference to the front view, the other views are arranged as follows:

- a) The view from above placed underneath,
- b) The view from below placed above,
- c) The view from left placed on the right,
- d) The view from right placed on the left, and
- e) The view from the rear may be placed on the left or on the right as found convenient.

8.2 Third angle projection is that in which each view is so placed that it represents the side of the object near to it in the adjacent view (see Fig. 2). This method has the important advantage that the features of adjacent views are in juxtaposition; thus it is easier than the first angle projection in projecting one view from the other when drawing, and also easier in associating those features when dimensioning or reading drawing.

8.2.1 With reference to the front view, the other views are arranged as follows:

a) The view from above placed above,

- b) The view from below placed underneath,
- c) The view from the left placed on the left,
- d) The view from the right placed on the right, and
- e) The view from the rear may be placed on the left or on the right as found convenient.

9 LINE WORK

9.1 All lines shall be dense, clean and black to produce good prints. For details reference shall be made to IS 10714 : 1983.

9.2 Types of Lines

The types and thickness of line shown in the Table 5 should be used.

In cases where other types or thicknesses of line r are used for special fields, or if the lines specified in the table are used for applications other than those detailed in the last column of the table, the conventions adopted must be indicated or explained by notes on the drawing concerned.

9.3 Thickness of Lines

Two thicknesses of lines are used. The ratio of the thick to the thin line shall not be less than 2:1.



FIG. IA FORMAG OF PRINTS

The thickness of lines should be chosen according to the size and the type of the drawing from the and an and takes following range:

0 18, 0 25, 0 35, 0 5, 0 7, 1, 1 4 and 2 mm.

NOTE - Owing to difficulties in certain methods of reproduction, the line thickness of 0.18 mm should be avoided.

an anna 2010 ann an Anna an 2010 anna 2010. A dhe anna an 2010 an dùth anna anna 2010 an 20 Table 5 and the result and the main the second of the er al state and the ergs of the general (Clause 9.2)

For all views of one piece to the same scale, the thickness of lines should be the same of 100 1.01 9.4 Spacing of Lines

The minimum space between parallel fines, including hatching, should never be less than twice the thickness of the heaviest line. It is recommended that these spaces should never be less than 0.7 mm.

> inces) and dimension of some Varil 2000000000

er al estador de l'étador de la companya de la	(Clause 9.2)	10.1.1.2 States a constant 5.1.1.01
Lipense in the start and start	Description	General Applications
A	Continuous thick	Al Visible outlines - based of Voie Lane A2 Visible edges
Antipatrial and the second and the second of	Continuous thin (straight or curved)	B1 Imaginary lines of intersection force B2 Dimension lines of contractivities of the sector of the sec
For the second secon	Continuous thin freehand Continuous thin† (straight) with zigzags	C1 Limits of partial or intersupted views and sections, if the limit is not a chain thin line
٤ ــــ ــــ ــــــــــــــــــــــــــ	Dashed thick	El Hidden outlines* E2 Hidden edges*
F	Dashed thin	Fl Hidden outlines* F2 Hidden edges*
6	Chain thin Chill 13 march	G1 Centre lines G2 Lines of symmetry G3 Trajectories
H	Chain thin, thick at ends and changes of direction	H1 Cutting planes
	Chain thick	JI Indication of lines or surfaces to which a special requirement applies
K	Chain thin double- dashed	 K1 Outlines of adjacent parts K2 Alternative and extreme positions of movable parts K3 Centroidal lines
		K4 Initial outlines pilor to forming K5 Parts situated in front of the cutting plane

Although two alternatives are available, it is recommended that on any one drawing, only one type of line be used.

This type of line is suited for production of drawings by machines.

10 LETTERING AND DIMENSIONING

10.1 For details of lettering reference shall be made to IS 9609 (Part 1): 1983.

10.2 Dimensioning

10.2.1 Notation of Dimensioning

10.2.1.1 Projection lines (also called extension lines) and dimension lines shall be drawn as thin, continuous lines.

10.2.1.2 Starting a short distance (to avoid confusing with other lines on the drawing) from the outline, projection lines shall generally be drawn perpendicular to the associated dimension line, and shall extend slightly beyond them (Fig. 3).

10.2.1.3 Intersecting projection lines and dimension lines shall be avoided wherever possible. Otherwise they shall simply cross each other (no special designation at intersections).

10.2.1.4 Dimension lines shall generally be unbroken except, in certain cases, for the insertion of a size.

10.2.1.5 An axis, reference line or outline shall never be used as a dimension line, but may be used as a projection line.

10.2.2 Termination of Dimension Lines

10.2.2.1 Single dimensions, chain dimensions and parallel dimensions

The termination of dimension lines shall be represented by short oblique lines, drawn at 45° clockwise from the projection line (Fig. 4 and 5).

10.2.2.2 Superimposed running dimensions

The common datum point of running dimensions shall be represented by a dot surrounded by a circle. The termination of dimension lines shall be represented by open 90° arrowheads (Fig. 6 and 7).

10.2.3 Inscription of Dimensions

10.2.3.1 Single dimensions, chain dimensions and parallel dimensions

Dimensions shall be placed near the middle of, above and clear of the dimension line. The figures shall be oriented so that they can be read from the bottom or from the right of the drawing (Fig. 4 and 5).

10.2.3.2 Superimposed running dimensions

Dimensions shall be placed near the arrowhead:

- a) in line with the projection line (Fig. 6), or
- b) where there is no risk of confusion, above and clear of the dimension line (Fig. 7).



All dimensions in millimetres. FIG. 4 SINGLE DIMENSIONS AND CHAIN DIMENSIONING



All dimensions in millimetres. FIG. 5 PARALLEL DIMENSIONING



All dimensions in millimetres.

FIG 6 SUPER-IMPOSED RUNNING DIMENSIONS a)



FIG. 7 SUPER-IMPOSED RUNNING DIMENSIONS b)

10.2.4 Where the structure is framed, all dimensions should be related to the column or stanchion centres, which, in turn, are related to the building line.

10.2.5 Where the structure is of wall-bearing construction, dimensions should be related to the rough unfinished wall faces.

10.2.6 Units of Dimensioning

Dimensioning shall be done normally in millimetres. The symbol for the unit may be omitted provided that a prominent note is added stating the unit in which all the dimensions of the drawing are expressed. In case other units of dimensions are used, these shall be denoted by specific notations.

11 GRAPHICAL SYMBOLS

11.1 Symbols are in constant use on small-scale drawings and it is considered that time would be saved and confusion avoided if a standard rang of symbols is extensively used.

11.2 Careful attention shall be given to the size of these symbols, having due ragard to the scale of the drawings. Wherever practicable, they shall be drawn to scale. Some symbols may have to be slightly enlarged for the purpose of clear indication.

11.3 Windows, Doors, etc

Generally, window openings shall be defined in elevation, and doors, screens and sliding windows on the plan. Symbols for windows are shown in Fig. 8. The point or apex of two lines crossing the ventilator or casement indicates the hinged side.

11.4 Symbols for electrical installations shall be as given in Fig. 9.

11.5 Symbols for gas fittings shall be as given in Fig. 10.

11.6 Symbols recommended for sanitary appliances and general fitments shall be as given in Fig. 11 and 12.



FIG. 8 GRAPHICAL SYMBOLS FOR DOORS AND WINDOWS

Main fuse-board without Counterweight pendant orw Main fuse-board with switches, ighting Rod pendant or Main fuse-board with switches, power Chain pendant or Main fuse-board with switches, power Chain pendant or Main fuse-board with switches, power Batten lampholder Own Water-tight light fitting Water-tight light fitting Water Light plugs Image: Power factor capacitor (when installed remote from the lamp unit) Image: Power factor capacitor (when installed remote from the lamp unit) Image: Power fuge Distribution fuse-board with switches, lighting Image: Power fuge Distribution fuse-board with switches, lighting Image: Power Fluorescent light (double) Image: Power from the lamp unit) Image: Power from the lamp unit) Image: Power Distribution fuse-board with switches, power Image: Power switches Image: Power switches Image: Power switches Image: Power switches Distribution fuse-board with switches, power Image: Power switches Image: Power sw	Name	Symbol	Name	Symbol
Main fuse-board with switches, lighting Chain pendant C Main fuse-board without switches, power Eight bracket O Main fuse-board with switches, power Batten lampholder O Jower Water-tight light fitting O Light plugs Image: Chain pendant O C Power Batten lampholder O O Power Bulk-head fitting D O Power plug Image: Chain pendant Image: Chain pendant Image: Chain pendant Distribution fuse-board with switches, lighting Image: Chain pendant Image: Chain pendant Image: Chain pendant Distribution fuse-board with switches, power Image: Chain pendant Image: Chain pendant Image: Chain pendant Image: Chain pendant Distribution fuse-board with switches, power Image: Chain pendant Image: Chain pendant <td></td> <td></td> <td>Counterweight pendant</td> <td>()cw</td>			Counterweight pendant	()cw
Main fuse-board without Image: Chain potential Image: Chain potential Switches, power Light bracket Image: Chain potential Main fuse-board with switches, power Batten lampholder Image: Chain potential Light plugs Image: Chain potential Image: Chain potential Image: Chain potential Light plugs Image: Chain potential Image: Chain potential Image: Chain potential Image: Chain potential Power Image: Chain potential			Rod pendant	∩ R
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Light plugs Image: Constraint of the plug is a state of the plug is			Batten lampholder	Овн
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Distribution fuse-board with switches, lighting Image: Second	Power plug	-()	installed remote from the	
Distribution fuse-board with switches, lighting Lighting outlet connection to an emergency system Image: Choke (when installed remote from the lamp unit) Distribution fuse-board with switches, power Image: Choke (when installed remote from the lamp unit) Image: Choke (when installed remote from the lamp unit) Distribution fuse-board with switches, power Image: Choke (when installed remote from the lamp unit) Image: Choke (when installed remote from the lamp unit) Main switches, power Image: Choke (when installed remote from the lamp unit) Image: Choke (when installed remote from the lamp unit) Main switches, power Image: Choke (when installed remote from the lamp unit) Image: Choke (when installed remote from the lamp unit) Main switches, power Image: Choke (when installed remote from the lamp unit) Image: Choke (when installed remote from the lamp unit) Main switches, power Image: Choke (when installed remote from the lamp unit) Image: Choke (when installed remote from the lamp unit) Main switches, power Image: Choke (when installed remote from the lamp unit) Image: Choke (when installed remote from the lamp unit) Main switches, power Image: Choke (when installed remote from the lamp unit) Image: Choke (when installed remote from the lamp unit) Main switches, power Image: Choke (when installed remote from the lamp unit) Image: Choke (when installed remote from the lamp unit)			Fluorescent light (single)	4
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Distribution fuse-board without switches, power Choke (when installed remote from the lamp unit) Distribution fuse-board with switches, power One-way switch Main switches, lighting Intermediate switch V Meter Pendant switch V Public switch				0
switches, power One-way switch \checkmark Main switches, lighting \Box_1 Two-way switch \checkmark Main switches, power \Box_1P Intermediate switch \checkmark Meter O Pendant switch \checkmark			Choke (when installed remote	
Main switches, power Intermediate switch V Meter Pendant switch Image: Pendant switch		200000	One-way switch	4
Main switches, power Meter Pendant switch Pull switch	Main switches, lighting		Two-way switch	\checkmark
Meter Dull switch	Main switches, power		Intermediate switch	Ψ
Single light pendant O Pull switch	Meter	0	Pendant switch	d P
	Single light pendant	0	Pull switch	ť

FIG. 9 SYMBOLS FOR ELECTRICAL INSTALLATIONS - Contd

Name	Symbol Name		Symbol
Socket-outlet, 2 pin 5 amp	α	Bell push	
Socket-outlet, 3 pin 5 amp	۲ ل	Bell	£
Socket-outlet and switch		Buzzer	Я
combined, 2 pin 5 amp	Ð	Indicator (at 'N', insert	(®)
Socket-outlet and switch combined, 3 pin 5 amp	Ð	number of ways)	
Socket-outlet, 2 pin 15 amp	Ø	Telephone instrument point public service	
Socket-outlet, 3 pin 15 amp	D-		^
Socket-outlet and switch combined, 2 pin 15 amp	Ø	Telephone instrument point internal	\bigtriangleup
Socket-outlet and switch combined, 3 pin 15 amp	Ð	Telephone cable distribution board public service	
Convection heater			
Electric unit heater	$[\bigcirc]$		· · · · ·
Immersion heater		Telephone cable distribution board internal	\square
Thermostat	Ŧ		
Immersion heater with incorporated thermostat	(I∓	Telephone private exchange public service	
Self-contained electric water heater			
Humidistat	€H	Telephone private exchange or internal	\Box

FIG. 9 SYMBOLS FOR ELECTRICAL INSTALLATIONS - Contd

Name	SYMBOL	Name	Symbol
*Relay (at 'N', insert the number of ways)		Aerial	Y
Synchronous clock outlet	\otimes	Ceiling fan	∞
Impulse clock outlet	8	Bracket fan	8
Master clock	\odot	Exhaust fan	\bigotimes
Fire alarm push	O	Fan regulator	
Automatic contact			5
Bell connected to fire alarm	Ĵ	Cooker control unit	×.
Fire alarm indicator (at 'N',		Earth point	<i>₩₩₩</i> ₹
insert number of ways)	0	Surge diverter	<i>1211</i> ≢ ↓ ↑
Amplifier		Pilot or corridor lamp	Φ
Control board	•••••	Indicator (buzzer may be added, if required)	
		Relay	
Microphone outlet	\mathfrak{O}		
		Reset position	-0-
Loudspeaker outlet	¢	Horn or hooter	\bowtie
Receiver outlet		Siren	8

^{*}This general symbol is applicable to any system by the addition of an identifying symbol (appropriate to a particular system) in the upper half, for example, bell system relay.

Where items of operations are combined, the symbols may be combined, for example, indicator and bell.



FIG. 11 SYMBOLS FOR SANITARY INSTALLATIONS - Contd



FIG. 11 SYMBOLS FOR SANITARY INSTALLATIONS







11.7 The following types of lines, as appropriate, shall be used to distinguish between different types of drains and pipes:

- a) A line consisting of medium length, dashes, for soil or combined drains:
- b) A dotted chain line, for surface water drain:

NOTE — Lines to indicate drainage systems are frequently drawn on the reverse side of the relevant drawing.

c) A large chain line, for pipes at high level or in roof space:

. . .

- - ----

- d) A full line, for pipes at skirting or floor level.
- e) An interrupted dotted line, for pipes under floors. Two lines used in the same fashion shall denote ventilating ducts, the distance apart denoting the width:
- f) The direction of flow of fluid in a pipe shall be indicated by means of an arrow head thus:

...

Rise and direction of flow Rise: 1 in 50 Fall and direction of flow Fall: 1 in 50

NAME

Village as surveyed:

a) Open

b) Walled

Deserted site

g) The initial letters of the words: rise, drop, from above, from below, to above, to below, are used to denote the route of vertical pipes, thus:

Upward Flow

- i) Through flow to space above TA
- ii) Through flow from space below FB
- iii) Both directions combining (i) and (ii) R

Downward Flow

- i) Through flow to space below TB
- ii) Through flow from space above FA
- iii) Both directions combining (i) and (ii) D

11.7.1 A vertical pipe on plan is shown by a dot in conjunction with one or the other of the abbreviations given in 11.7 (g). If the pipe is housed in a chase in the wall, the dot is shown inside the wall, surrounded by a rectangle with one face flush with the wall and the note 'IN CHASE' is added. If the pipe is encased, the dot and the rectangle are shown outside the thickness of the wall and the note 'ENCASED' is added.

11.7.2 Identification letters shall be used to denote the services thus:

air, A; drainage, D; electricity, E; fire service, F; gas, G; oil, O; refrigeration, R; steam, S; water, W.

11.8 Symbols for rolled steel sections are given in IS 10720: 1983.

11.9 Conventional signs for land survey plans are given in Fig. 13.

 SYMBOL
 NAME
 SYMBOL

 orgen
 Wells fitting and other components for supply water and drainage system in the ground – General Symbol
 Image: Symbol

 orgen
 Rain water well (street inlet)
 Image: Symbol

 X
 Inspection well (cleaning well)

 a) manhole
 b) cleaning well

FIG. 13 SYMBOLS FOR LAND SURVEYING - Contd



FIG. 13 SYMBOLS FOR LAND SURVEYING - Contd

Name	Symbol	NAME	Symbol
Water reservoir		Railway, broad gauge double-line: i) Open, with siding distance stone an	d
Water pumping station	\bigcirc	station with enclosur (as surveyed) ii) Under construction	
Water treatment plant	0	Railway, broad gauge single-line: i) Open, with sidings, a	nd
Waste water reservoir		station and enclosur (conventional)	
Waste water pumping station	\bigcirc	ii) Under construction Railway, other gauges	with with With
Waste water treatment plant	\bigcirc	double-line: i) Open with sidings	
Quarry, with greatest depth	A CONTRACT	ii) Under construction	
Single line stream: Perennial	$> \sim$	Railway, other gauges single-line: i) Open with sidings	+1-411++
Single line stream: Approximate or undefined	·>	ii) Under construction	I—I —I—I
Telegraph line	•••••	Mineral line or tramway	
Telephone	TELEPHONE LINE	Level crossing	
Electric power line: Main transmission line with substation i) conventional on all scales	MAIN POWER LINE	Road over railway	
ii) local distribution line (conventional)	POWER LINE		4
Ropeway with terminus	ROPEWAY 	Road (or railway) unde railway	
Wireless station: i) As surveyed	MASTS MASTS WIRELESS STATION	Railway tunnel, with or without cutting, as surveyed	 þæ
ii) Conventional	WIRELESS STATION	Tunnel (different purposes, proposed	

FIG. 13 SYMBOLS FOR LAND SURVEYING - Contd



FIG. 13 SYMBOLS FOR LAND SURVEYING - Contd



FIG. 13 SYMBOLS FOR LAND SURVEYING - Contd

Name	Symbol	Name	Symbol
Wooded area:		Trees:	0 6 6 5 5 6
i) Not enclosed		i) Scattered	•
		ii) Surveyed	Q X Q
ii) Enclosed by wall or permanent fence		Scattered scrub and under- growth	
Limits of cultivation, open		Grass:	GRASS 3 M HIGH
and along stream of ravine	- Minine	High with description of	We also all all
Demarcated limits of	CAMP	height and variety	° ≭ °₹'
camping ground		Cane-brake	承 交 家 交 交
		Pine, fir, etc	* * *
Salt pan	SALT PAN	rme, m, etc	९ १ ७
Orchard or garden:	JALI PAN	Palm	そだ そう ぞ
i) Not enclosed	6 6 6 0 4 9 0 9 6 6 9 9 9 0 0 9 9		そぞそそ
	Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	Palmyra	စု စု မှ စု စု
ii) Enclosed by a well as	00000000		1 1 1
ii) Enclosed by a wall or permanent fence		Bamboo	Vr it Yr
		Bamboo	V NC IT
Tea garden, as surveyed		Aloes or cactus	¥ * *
ica garden, as surveyed			સ સંસ્થ
		Other trees	
Betel or vine on trellis			т т у .
		Plantain trees	* * * * *
Vegetable garden			ίι.
		Stone waste	STONY WASTE

FIG. 13 SYMBOLS FOR LAND SURVEYING - Contd



FIG. 13 SYMBOLS FOR LAND SURVEYING

12 ABBREVIATIONS

Term

Alternating current

Aggregate Air-brick

Aluminium

Approximate

Asbestos cement

Beam (I Section)

Brinell hardness number

Bench mark

Bitumen

Brickwork

Ampere

Arrange

Asbestos

Asphalt

Aι

Assembly

12.1 Abbreviations are generally used in for the sake of clarity. A systematic not urchitectural and building terms is necess aniformity, and for avoiding confusic ambiguity. Abbreviations are the same singular and plural. Abbreviations and recommended for use in general building d are listed in Table 6.

12.2 The word 'ditto' or its equivalent al tions shall not be used on drawings.

Table 6 Recommended Abbreviations w Symbols Where Applicable

(Clause 11.1)

Α

B

Table 6 (Contd)

used in drawing natic notation of	Term	Abbreviation and/or Symbol
s is necessary for	c	
confusion and	Cast iron	ci or CI
the same in the	Cast steel	CS
ons and symbols	Cement	ct
building drawings	Cement concrete	CC
ounding drawings	Centi (10 ⁻²)	c
	Centimetre	cm
ivalent abbrevia-	Centre line	CL, C
igs.	Centre of gravity	CG
	Centre to centre	C TO C, c/c
viations with	Chain	СН
icable	Checked	CHKD
	Circular pitch	CP
	Circumference	Oce. CIRC
Abbreviation	Coefficient	COEFF
and/or Symbol	Column	COL
, .	Concentrate	CONC, conc
	Concrete	CONC
AGG	Continued	Contd
AB	Copper	Cu
ac	Corrugated	CORR
Al	Cosecent	coscc
amp or AMP	cesine	COS
APPROX	Cotangent	cot
ARNG	Countersunk	CTR/SNK, csk
ASB	Crossing	X-ING
ASB/CME	Cross over	X-OVER
ASPH	Cross-section	CS
ASSY	Cubic centimetre	cm ^a , (cc)
@, AT	Cubic metre	cu/m, m²
	Cubic metre per second	(cumec) m ³ /s
	Cubic millimetre	mm ^a cu/mm
I	Cycles per second	CPS
BM	Cylinder or cylindrical	CYL
BIT		D
BWK	Damp proof course	DPC
BHN, HB	Decimetre	dm
•		

·

Table 6 (Contd)

Table 6 (Contd)

Term	Abbreviation and/or Symbol	Term	Abbreviation and/or Symbol	
Degree (angle)	deg,°	High flood level, ordinary	OHFL	
Degree Celsius	°C	High flood level, maximum	MAX HFL	
Diameter	DIA, Ø	High tensile steel	HT/ST	
Diametral pitch	DP	High tensile welding steel	HTWS	
Dilute	DIL	High tension	НТ	
Direct current	dc	High voltage	HV	
Drawing	DRG	High water mark	HWM	
Drawn	DRN	Hour	h	
	E	Ĩ		
Earth closet	EC	India rubb er	IR	
Elevation (View)	ELEV	Induced draught	I/D	
Elevation	EL	Infinity	inf,∞	
Embankment	EMB	Inside diameter	ID	
Enamelled	ENAM	Inspection chamber	ICH, IC	
Expanded metal	XPM	Insulated or insulation	INSUL	
Extension	EXTN		INSUL	
Extra-high voltage	EHV	Intercepting trap		
Engine	ENG	Internal	INT	
		Internal combustion	IC	
	F	Intermediate pressure	IP	
Figure	FIG	К		
Finished floor level	FFL		14	
Floor trap	FT	Kilo	k	
Flushing cistern	FC	Kilocycles per second	kc/s	
Forced draught	FD	Kilogram	kg	
Forged steel	F/ST	Kilogram per cubic metre	kg/mª	
Formation level	FL	Kilogram per square centimetre	kg/cm ²	
Fresh air inlet	FAI	Kilo hertz	KH.	
Full supply level	FSL	Kilolitre	KI	
Full tank level	FTL	Kilometre	km	
		Kilometre per hour	km/h	
	G	Kilovolt	kV	
Galvanized	GALV	Kilovolt-ampere	kVA	
Galvanized iron	GI		kW	
Glazed Ware pipe	GWP	Kilowatt	K VV	
Gram	g	L		
Grate area	GR/A			
Greese trap	GRT	Larger than	>	
Ground level	GL	Larger than or equal to	>,≧	
Ground sink	GS	Latitude	LAT	
Gully	G	Left hand	LH	
Gully trap	GT	Length	1	
Gunmetal	G/MET	Level crossing	LC	
		Litre	I	
1	H	Logarithm (common)	log	
Hard drawn	H/DWN	Logarithm (natural)	log	
Hardened and tempered	Н&Т	Longitudinal scale	LS	
Heating surface	HS	Longitudinal section	LSec	
Height	HT	Low frequency	Lf	
Hertz	Hz	Low pressure	LP	
Hexagon or hexagonal	HEX	Low tension	LT	
Hexagonalhead	HEX/HD	Low voltage	LV	
High flood level	HFL	Lumen per watt	lm/W	
		-		

Table 6 (Contd)

Table 6 (Contd)

Table 6 (Conta	n an	Table 6 (Contd)		
Term	Abbreviation and/or Symbol	Term (etc.)	Abbreviation and/or Symbol	
i di M ana and	and the second	Precast	PRECAST	
Macadam		Prefabrication	PREFAB	
	MAC	Prestressed concrete	PCONC	
Malleable cast iron	MCI		reone	
Malleable iron	MI	Q		
Manganese steel	Mn S	Quintal	0	
Manhole	MH based stigs h MAX states		q	
Maximum		R		
Maximum flood level	MFL	Radian	d	
Maximum water level	MWL	Radius	rad RAD	
Mean sea level	MSL	Railways		
Mega (10•)	M MW	Rainways Rainwater öutlet	RLY RWO	
Megawatt		Rainwater pipe	RWP	
Metre	m MEZZ	Reduced level	RL RL	
Mezzanine Micro (10 ⁻ *)	(i) A start of the start of	Reference	REF	
	μ.	Reinforced cement concrete	RCC	
Micro ampere	μΑ	Revolutions per minute	rev/min, rpm	
Micro metre (or micron)	μm	Revolutions per sec	RPS	
Mild steel	MS	Right hand	RH ^{tragitur}	
Milli (10-2)	m	Rising main	RM	
Milliampere	mA	Rivet	RIV	
Milligram	mg	Road level	RdL	
Millilitre	ml	Rodding eye	RE	
Millimetre	mm	Rolled section	RS and the second	
Minimum	MIN	Rolled steel joist or I section	RSJ or I	
Minute (time)	min	Round	RD	
Much larger than	>	Round head	RH SER DELEVIC	
Much smaller than	an a 🗲 ga 👘 🖓		The second second	
N N		S S	Provide Standard	
Naval brass	N Br	Saturated	SATD	
Nickel chromium steel	Ni Cr S	Screwed	SCR	
Nickel steel	NICI S NIS/T	Secant	sec	
North	N N	Second	S .	
Not to scale	NTS	Sheet (when preceding a material	SH sector trassection	
Number	No.	or sheet No.)		
NUMBER	NU.	Shower bath	5	
0		Sine	sin stradi	
0h	ОНМ, Ω	Sink	SN strass parts for	
Ohm Oil circuit br e aker		Sketch	SK.	
Off circuit breaker	OCB	Sluice valve	SV	
Р		Smaller than	<	
		Smaller than or equal to	<,≦	
Paper insulated	PI	Soil and vent pipe	S & VP	
Parts per million	ppm	Soil pipe	SP	
Pattern number	PATT No.	South	S	
Per	PER,/	Specification	SPEC	
Percent	PERCENT, %	Specific gravity	sp-growski mozitů	
Phase	ph	Spigot and socket	S&S	
Phosphor bronze	PH BRZ	Spot faced	SF Colory States	
Pitch	P	Square	SQ datable	
Pitch circle	PC	Square centimetre	cmª astalia	
Pitch circle diameter	PCD	Square kilometre	kmª	
Plate	PL	Square metre	m ^a	
Platinum	PLAT	Square millimetre	mm ^a n an	

Table 6 (Concluded) 13.2 Hatching

Term.	Abbreviation and/or Symbol
Standard	std
Standard datum	SD
Standard level	SL
Standard wire gauge	SWG
Stand pipe	S N C
~ .	SV
	SG
Street gully	BM
Survey of India bench mark	SW
Switch	5 W
Т	
Tangent	tan
Tee	Т
Telegraph post	Tp between
Temperature	temp'
Tongued and grooved	T&G
	t zaho na
Tonne Balander and Traced	TCD
	A
Trigonometrical station	—
Turns per centimetre	tpc
Turns per metre	tpm
v	
Vacuum	Vac
Vapour density	vd
Vapour pressure	vp
Vent pipe	VP
Volt	v
Volume	vol
Vulcanized India rubber	VIR
W	sina sina si Sina sina
Maste and want size	W&VP
Waste and vent pipe	WP
Waste pipe Water closet	WC
	W, WATT
Watt	wt
Weight West	w. Wister and with the
White metal	WM
	WI
Wrought iron	AA T
Y.	a di seri di seri di seri
Yard gully	YG
Year	yr

13 CONVENTIONAL REPRESENTATION OF MATERIALS IN SECTION

13.1 Recommended methods of indicating materials by hatching or colouring are given in Table 2. Where any confusion is likely to occur in the interpretation of drawings, hatching or colouring shall be used.

Discretion should naturally be used in adopting the spacing of hatching lines to the scale of the drawing.

13.2.1 It is recommended that when hatching on tracing paper or cloth, a sheet of squared paper shall be placed underneath to preserve uniformity of spacing and direction of the hatching.

13.3 When indicating concrete, coarse aggregate shall be shown for mass concrete and finer aggregate for reinforced concrete.

13.4 Where large areas of section hatching are to be indicated, and especially for such materials as concrete and plaster, it is recommended that a portion near the edge only be treated, the hatching gradually fading towards the centre.

13.5 Areas in section which are too thin for line sectioning, such as some of the metal sections, shall be blackened in solid, leaving a thin space between adjacent portions.

14 NUMBERING OF BUILDINGS AND PARTS OF BUILDINGS

14.1 Designation Systems

The designations for different parts of a project should be chosen according to the same principles.

All drawings and parts of drawings should be executed in such a way that the drawing alone is sufficient to describe the item without the addition of words or initials.

However, when a drawing depicts a number of similar items (for example, a plan of a building with many windows), one may, if necessary, identify them separately (for example, by a sequence of numbers). This also applies in the case where similar items, such as, windows, can be confused with other elements of similar appearance such as doors. For this identification the principles outlined in this standard should be adhered to.

14.2 Type Designations

Different objects are classified according to the type, for example the kind or design of the object (see Fig. 14).



FIG. 14 EXAMPLES OF TYPE DESIGNATION

Table 7 Symbols for Materials in Section

(Clause 13.1)

Material	Symbol		Colour
Brick			Vermilion
Concrete			Hookers green
Natural or reconstructed stone			Cobalt blue
Partition blocks			Paynes grey
Wood			Burnt sienna
Earth			Sepia
Hardcore			Yellow ochre or chrome yellow
Plaster and plaster products			Green
Glass		Applicable to large scales	Blue
Fibre building board and insulation board		only	Sepia
Metal sections			Black

14.3 Individual Designation

Each separate object is identified. The individual designation is often an indication of position (see Fig. 15).



FIG. 15 EXAMPLES OF INDIVIDUAL DESIGNATION

14.4 Designation Code

The complete designation consists of a principal and an additional designation.

14.4.1 Principal Designation

The principal designation indicates the category of objects at different levels in the documentation. It should consist of:

- a) text in full, for example, HOUSE, ROOM, WINDOW, DOOR, FENCE, CUT-OFF VALVES;
- b) Abbreviation, for example, H, R, W, D, F, COV;

c) other systematical designation, for example: doors: 1, windows: 2, parts: 3, etc.

Playground equipment: A, outdoor furniture: B, other equipment: C, etc.

d) designation according to a general classification and coding system.

The principal designation may be omitted when the rest of the documentation shows the intention.

14.4.2 Additional Designation

Additional designations indicate a further specification in the category. They should consist of:

- a) for type designations, numerals and letters, for example 'W 12 b', where 'W' is the principal designation for window, 12 is the additional designation for type, material, dimensions, etc, and 'b' is the additional designation for variant, for example, notch for a window sill; and
- b) for individual designations, numerals or letters in running order, for example, P1, P2, P3, etc, where 'P' is the principal designation for pillar, and 1, 2, 3, etc, each pillar individually designated. The individual designation may also consist of coordinates.

14.5 Designation Application

14.5.1 Buildings

Buildings belonging to the same project are indicated with a principal and an additional designation, for example, HOUSE 1, HOUSE 2, etc (see Fig. 16).

The designation for a part of a building consists of a principal designation completed with a systematical letter or numeric designation, for example HOUSE 2 PART A, HOUSE 2 PART B, etc (see Fig. 17).



(The principal designation HOUSE has been omitted)

FIG. 16 DESIGNATION OF BUILDINGS



FIG. 17 DESIGNATION OF PARTS OF A BUILDING

14.5.2 Storeys

A storey means a space between two consecutive levels, bounded by physical limits (floors, ceiling and walls), including these limits. The concepts of 'storey' and 'level' are complementary but the one should not be confused with the other.

Each storey should be designated by numerals following a logical sequence. The numbering from bottom to top starts with 1 at the lowest level usable for any purpose (see Fig. 18).

Zero designates the space which is situated immediately below the lowest level usable for any purpose.

The numbering applies not only to the usable space of a given storey but also to the physical limits bounding this space.

To express the transition from one number to another, it is recommended that the level is indicated at the upper face level of the loadbearing floor element (see Fig. 19).







FIG. 19 INDICATION OF THE LEVEL

When there are differences in level inside a building, for example, mezzanine, offset levels, landings, ramps, etc, every necessary indication should be given in order to avoid errors. These indications should be in the form of levels or listed abbreviations and placed beside the numbering of the storey concerned.

Staircases should have the same numbering as the storey in which they are situated, whether or not they have half landings.

Lighters (443) (C.S.

14.5.3 Parts of Storeys

The designation for a part of a storey when the documentation is divided into several drawings consists of the designation of the storey completed by a systematic all letter or numeric designation, for example STOREY 3 PART A, STOREY 3 PART B, etc (see Fig. 20).

14.5.4 Floors

The floors (floor structures) are numbered serially from the bottom to the top of the building, in accordance with the number of the storey of which they form a part (see Fig. 21).

14.5.5 The designation of the intermediate storey or mezzanine shall be the same as the designation of the storey in which it is situated with the prefix M or G according to the type whether it is a mezzanine or a gallery respectively.



FIG. 20 DESIGNATION OF PARTS OF STOREY



FIG. 21 FLOOR NUMBERING

14.5.5.1 The designation of the floor of the mezzanine or gallery shall, be the same as the storey it serves.

tord within A denning the bearing of

14.5.5.2 If a number of mezzanine occurs in a building between two floor levels, they may be designated as MX-1, MX-2 where X refers to the designation of the storey in which they are situated and 1 refers to the sequential number of mezzanine in the particular group, the sequence being adopted in any easily identifiable pattern.

化可加加热 医动脉间肌 盖勒之的

14.5.5.3 If a number of galleries occurs in a building between two floor level, they may be designated as GX 1. GX-2 where X refers to the designation of the storey in which they are situated and 1 refers to the sequential number of gallery in the particular group, the sequence being adopted in any easily identifiable pattern.

14.5.6 For determination of the sequential number of a subsidiary storey, the first subsidiary storey shall be taken as the storey immediately below the first floor. The designation of the subsidiary storey shall have prefix SS. The designation of the floor for subsidiary storey shall be the same as the storey it serves.

14.5.7 For the determination of the sequential number of basement storeys; where there are no subsidiary storeys, the storeys below the first floor, shall be assigned suffixes B1, B2, B3; and so on starting with the storey immediately below the first floor level.

14.5.7.1 Where there are subsidiary storeys in a building, the storeys below the last subsidiary storey shall be designated similarly as basement storeys as explained in 14.5.7.

14.5.7.2 The designation of the floor of a basement, storey shall be the same as the storey it serves.

14.6 Columns, Floors, Walts, Beams, etc

Columns, slabs, walls, beams, etc, are designated with a principal designation (abbreviation) and an additional designation (numerals) according to Fig. 22. The first numeral in the additional designation indicates the storey number and the last two digits the number of the feature according to the following example:

		C 201, C 202	
Slabs	_	S 201, S 202	
Walls	=	W 201, W 202	
Beams	 8:3.5	B 201, B 202 The Add Arbard Trapf	



FIG. 22 EXAMPLES OF DESIGNATION FOR COLUMNS, FLOORS, WALLS AND BEAMS

15 DESIGNATION OF ROOMS AND OTHER AREAS

15.1 Designation Principles

15.1.1 Room numbers are used on each storey in consecutive order within the limits of all the parts of the building.

15.1.2 If several buildings are included in the project, room numbers shall be allocated independently to each building in accordance with **15.1.1**.

15.1.3 The numbers and the names of the rooms are indicated within each space in the following way:

324 RECEPTION 325 RECORDS

For clarity, the numbers and names should be underlined.

15.1.4 In small spaces, it is sufficient to indicate only the room numbers, as follows:

326

15.1.5 Room numbers are given as three digit numbers (if this is enough), the first digit of which is the storey number of the building and the last two digits are serial numbers, allocated to each room in the actual storey:

Storey 1 : Room numbers 101-199 (1 001-1 999);

Storey 2 : Room numbers 201-299 (2 001-2 999); etc

15.1.6 Room numbering is carried out in each storey so that orientation in the building is facilitated. It should be done clockwise in the order in which the rooms are reached from the main entrance or the last entrance from the left end of the building.

15:1.7 Small spaces, such as spaces for cleaning utensils and toilets, should be provided with room numbers. (Spaces, such as small cupboards, may alternatively be allocated the number of the room in which they are situated followed by an appropriate suffix.)

15.1.8 If a new room is added so late in the design process that the room numbering is already allocated this new room is given the same room number as the room from which the space has been taken. The two rooms are differentiated by the addition of a letter, as follows:

<u>127A</u> 127B

15.1.9 There should be no gaps left in the room numbering sequence. If two rooms are made into one, the new room is given both the earlier room numbers, as follows:

127,128

15.1.10 Block number and room number may be written together, as follows:

2/216 [= block 2, room 216 (No. 16 on storey 2)]

15.1.11 Spaces in basements and attics should be given their appropriate storey numbers in accordance with 13 followed by their room numbers.

15.2 Designation of Separate Suites of Rooms Within Buildings

15.2.1 The number of the suite should be followed by the number of the room.

15.2.2 Suite numbers should be indicated on the plans.

15.2.3 Rooms within each suite should be given consecutive numbers. The numbers and the names of each room are indicated in the following way:

1. ENTRANCE 2. LIVING ROOM

3. KITCHEN 4. BEDROOM 1

5. BEDROOM 2

15.2.4 Block number, suite number and room number may be written together, as follows:

2/314/1 [= block 2, suite 314 (No. 14 on storey 3) room 1]

16 COLOURING THE PLAN

16.1 Master plans, zone plans, etc, may be coloured as specified in Table 8.

Table 8 Colouring the Plan

Sl Item No.		Site Plan		Building Plan	
		Dye-Line Print	Blue Print	Dye-line Print	Blue Print
(1)	(2)	(3)	(4)	(5)	(6)
1	Existing work	Black (outline)	White	Black	White
2 3	Proposed work	Red filled in	Red	Red	Red
3	Drainage and sewage work	Red dotted	Red dotted	Red dotted	Red dotted
4 5	Water supply works	Black dotted	Black dotted	Black dotted	Black dotted
5	Work proposed to be dismantled	Yellow hatched	Yellow hatched	Yellow hatched	Yellow hatched
6	Open spaces	No colour	No colour		-
6 7	Plot lines	Thick, black	Thick, black		-
8	Permissible building	Thick, dotted black	Thick, dotted black	-	
9	Existing street(s)	Green	Green	-	
10	Future street(s) if any	Green, dotted	Green dotted		. —

(Clause 16.1)

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