LEMBAGA ARKITEK MALAYSIA

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GENERAL CIRCULAR NO. 4/2003 (Revised 2005)

GUIDELINES ON THE THIRD SCHEDULE [CLAUSE 4(1)] OF THE STANDARD SALE AND PURCHASE AGREEMENT FOR LAND AND BUILDING [Schedule G of the Housing Development (Control and Licensing) Regulations 1989]

GUIDELINES ON THE THIRD SCHEDULE [CLAUSE 4(1)] OF THE STANDARD SALE AND PURCHASE AGREEMENT FOR SUB-DIVIDED BUILDING [Schedule H of the Housing Development (Control and Licensing) Regulations 1989]

The Guidelines which have been issued vide the Board's General Circular No. 4/2003 dated 15 December 2003 have taken into consideration the amendments to the Housing Development (Control and Licensing) Regulations 1989 which came into force from 1 December 2002. All Professional Architects have been advised to be familiar with these Guidelines before certifying works in respect of housing projects undertaken in West Malaysia. Since the issuance of the Guidelines, many queries have been received by both the Board of Architects Malaysia (LAM) and the Malaysian Institute of Architects (PAM) relating to the description of works which need to be completed or otherwise for the different stages of works.

The Board therefore sees the need to revise the Guidelines after taking into account the practical reasons and for clarity.

In respect of housing projects in Sabah and Sarawak, works should be undertaken in accordance with the relevant laws. In the absence of any specific guidelines in respect of works in Sabah and Sarawak with regard to details of works that must be completed, Professional Architects should refer to the attached Schedules.

This revised General Circular shall come into force with immediate effect. LAM wishes to remind all Professional Architects that every proven unprofessional act relating to the issuance of stage payment certificates will be seriously dealt with by LAM under the provisions of the Architects Act 1967.

Thank you.

By Order of the Board of Architects Malaysia,

(Ar. ZURAINA LEILY AWALLUDIN) Registrar

15 August 2005.

GUIDELINES ON THE THIRD SCHEDULE [CLAUSE 4 (1)] OF THE STANDARD SALE AND PURCHASE AGREEMENT FOR LAND AND BUILDING

[SCHEDULE G OF THE HOUSING DEVELOPMENT (CONTROL AND LICENSING) REGULATIONS 1989]			
Schedule of Payment of Purchase Price under the Third Schedule of the S & P Agreement		Description of ConstructionWork That <u>Must Be Completed</u> For Certification	Description of Construction Work That <u>Need Not be Completed</u> For Certification
1	The foundation and footing works of the said Building (10%)	 * All foundation work below the lowest floor level * Piling and pilecaps (if any) * Raft slab (if any) * Footing (if any) * stumps (if any) 	 Retaining wall if it is not part of the foundation Backfilling Lowest floor slab if it is not part of the foundation Ground beams Services
	The reinforced concrete framework of the said Building (15%)	 * All primary reinforced concrete structural elements above lowest floor level including: Beams Columns Suspended Slabs Roof beams Structural walls (if any) * Retaining walls forming part of the structural element to the Building (if any) 	 * Non-structural ground floor slabs with or without BRC * R.C. wall stiffeners and lintols * Non structural or supporting R.C. works e.g. hoods, aprons, gutters, parapet * R.C. staircase * R.C. walls (that do not form part of the R.C. framework)
	The walls of the said Building with door and window frames placed in position (10%)	 * All masonry walls * All party walls inclusive of RC wall stiffeners * Timber door and window frames * All frameworks for dry partitioning excluding lining of partition 	 * Metal frames * Installation of door leaves, window (fixed or openable) or louvres * Parapet walls, boundary walls and fence walls * Closing up of temporary openings left in walls for construction purposes

GUIDELINES ON THE THIRD SCHEDULE [CLAUSE 4 (1)] OF THE STANDARD SALE AND PURCHASE AGREEMENT FOR LAND AND BUILDING

Schedule of Payment of Purchase Price under the Third Schedule of the S & P Agreement	Description of Construction Work That <u>Must Be Completed</u> For Certification	Description of Construction Work That <u>Need Not be Completed</u> For Certification
2(d) The roofing, electrical wiring, plumbing (without fittings), gas piping (if any) and internal telephone trunking and cabling to the said Building (10%)	 * Roof structure, roof coverings and flashing including car porches * All electrical wiring * All water piping including bends and joints * All sanitary pipings including bends, joints and traps 	 * Ceiling boards or panels * Switch boxes, socket outlets, switches and electrical fixtures and fittings (if any) * Sanitary fittings including sinks, taps, basins, bath tubs and shower heads * Hot water heaters * Water tanks * Rain water downpipes and gutters (if any) * Window hoods
2(e) The internal and external plastering of the said Building (10%)	 * All plastering where specified to all wall soffits of suspended slabs (if any), beams and columns * Wall tiles (if any) * All linings/boards/panels to framed partitions and/or ceiling (if any) 	 * Floor screeding and/or finishes * Painting and other wall finishes except wall tiles * Closing up of temporary openings for construction purposes * Tiling or plastering to side of stairs * Ceiling to water tank area

[SCHEDULE G OF THE HOUSING DEVELOPMENT (CONTROL AND LICENSING) REGULATIONS 1989]

GUIDELINES ON THE THIRD SCHEDULE [CLAUSE 4 (1)] OF THE STANDARD SALE AND PURCHASE AGREEMENT FOR LAND AND BUILDING

Schedule of Payment of Purchase Price under the Third Schedule of the S & P Agreement		Description of Construction Work That <u>Must Be Completed</u> For Certification	Description of Construction Work That <u>Need Not be Completed</u> For Certification
2(f)	The sewerage works serving the said Building (5%)	* Sewerage works including manholes from the Building connected to a completed sewerage treatment system (The treatment system may be permanent or temporary as approved by the relevant authority)	 * Testing and commissioning * Water and electricity connection Note : Please refer to the diagrams on Pages 16/18 and 17/18 for illustration.
2(g)	The drains serving the said Building (5%)	* Drains and main drains connected to the outfall (The alignment of the drains and the outfall may be permanent or temporary as approved by the local authority)	 Metal gratings and covers over drains
2(h)	The roads serving the said Building (5%)	 * Paved road leading to the Building from an existing road. The alignment of the road may be a permanent or temporary access approved by the local authority. * Permanent roads around the Building * Entrance culvert serving the Building * Kerbs (if any) 	 Footpaths and roadside tables Final wearing course to pre-mixed roads Road markings and signages

[SCHEDULE G OF THE HOUSING DEVELOPMENT (CONTROL AND LICENSING) REGULATIONS 1989]

GUIDELINES ON THE THIRD SCHEDULE [CLAUSE 4 (1)] OF THE STANDARD SALE AND PURCHASE AGREEMENT FOR LAND AND BUILDING

[SCHEDULE G OF THE HOUSING DEVELOPMENT (CONTROL AND LICENSING) REGULATIONS 1989]

Schedule of Payment of Purchase Price under the Third Schedule of the S & P Agreement	Description of Construction Work That <u>Must Be Completed</u> For Certification	Description of Construction Work That <u>Need Not be Completed</u> For Certification	
 (3) On the date the Purchaser takes vacant possession of the said Building with water and electricity supply ready for connection (12.5%) Professional Architect's role for this stage is only to do the following : 	 * All other works inclusive but not limited to all items not completed in Stage 2(a) to 2(h). * External works including fencing, gates and turfing (if any) * Electrical wiring, water and sanitary piping services completed and ready to receive supply 	 * Electrical, water, sanitary and other loose fittings and fixtures (<i>Refer to Para 7 of</i> Supplementary Notes) * Minor defects * Electrical and water meters 	
i) Issue a certificate certifying that the said building has been duly constructed and completed in accordance with all relevant Acts, by-laws and regulations and that all conditions imposed by the Appropriate Authority in respect of the issuance of the certificate of Fitness for Occupation have been duly complied with.	 * Water and electricity supply available and ready for connection for tapping into the said building * The TNB sub-station should be energised * All external electrical cabling from sub-station to the unit must be completed with supply. * Sewerage treatment plant shall be serviceable * Water reservoir (if applicable) is operational 		
<u>Note</u> : It is the Vendor's responsibility to obtain a letter of confirmation from the Appropriate Authority certifying that the Form E as prescribed under the Second Schedule to the Uniform Building By-laws 1984 has been duly submitted and checked and accepted by the Appropriate Authority.	* Closing up of temporary openings for construction purposes.		

Note : The wording in the Architect's certificate should read as stated in Clause 24(2)a of the standard Sale and Purchase Agreement and as underlined in 3 (i) above.

GUIDELINES ON THE THIRD SCHEDULE [CLAUSE 4 (1)] OF THE STANDARD SALE AND PURCHASE AGREEMENT FOR LAND AND BUILDING

[SCHEDULE G OF THE HOUSING DEVELOPMENT (CONTROL AND LICENSING) REGULATIONS 1989]

SUPPLEMENTARY NOTES

1.0 Certification of stage completion by the Professional Architect is required in the Standard Sale & Purchase Agreement (SPA) specified under the Housing Development (Control & Licensing) Regulations 1989 to enable the Developer to request payment from the Purchaser. The stages of completion are set out in the Third Schedule of the SPA.

These guidelines are hence for landed properties only and particularised for buildings with reinforced concrete structural framing.

- 2.0 These guidelines set to define as comprehensively as possible the work that must be completed at each stage before certification. They also clarify the work items that need not be completed for reasons of construction sequence, practicality etc. However, the work items deferred would need to be completed at a later stage, depending on the logic of construction. For example, in Stage 3 all temporary openings for construction purposes must now be completed.
- 3.0 For all constructional systems other than the conventional reinforced concrete framework, the developer should refer to the Controller of Ministry of Housing for modification [Refer to Clause 11 of the Housing Development (Control and Licensing) Regulations 1989].
- 4.0 The following steps should be adhered to by the Professional Architect before commencement of construction work :
 - 4.1 Request for a copy of the Sale & Purchase Agreement including all schedules as specified in the S & P Agreement of each housing type to be sold in the development for which certification is required.
 - 4.2 Check the details specified in the Sales Brochure approved by the Ministry of Housing & Local Government that they conform to the specifications required of the contractor who is going to construct the houses. The check list shall include the site plans, the building plans, the layout plans and the specifications of the houses. These details must also conform to those specified in the 4th schedule.
 - 4.3 Check that the above conform with the approved building plan which is cited in the preamble of this S & P Agreement.
 - 4.4 Request the Developer to advise on any deviations in the Sale & Purchase Agreement from the Standard Sale & Purchase Agreement and also of any special conditions imposed by the Ministry of Housing on the development.

- 4.5 Establish with the Developer the time frame for certification, to be on a monthly basis or fortnightly basis or when requested by the Developer.
- 4.6 Establish the quantum of units to be certified, to be block by block or unit by unit. It will be very time consuming for the Professional Architect to be certifying on a unit by unit basis and it is recommended that there be a set minimum number of units for each certification.
- 5.0 Inspections <u>must</u> be carried out before certification.
- 6.0 The Professional Architect should request the Engineer for the project to confirm in writing his concurrence with the satisfactory completion of Stages 2(a), 2(b), 2(d) if applicable, 2(f), 2(g) and 2(h) before the Professional Architect certifies.

For stage 2(b), it is prudent for the Professinal Architect to wait until the side formworks are removed to visually ensure that there are no major honeycomb/defects on the structure before certification.

For stage 2(c), the Professional Architect shall ensure that the openings shall be properly formed to receive the metal frames and completed with lintols (where applicable) before this is certified.

For stage 2(f), there may be instances where there is no sewerage treatment plant and the sewerage works from the scheme is connected to an existing public main as approved by the relevant authority.

- 7.0 In view of the rampant vandalism and theft of loose fittings experienced in most of the sites, at Stage 3, should the developer desire for the electrical, water, sanitary fittings and fixtures to be deferred until the purchaser moves in to minimise theft and vandalism, these items are allowed not to be fitted subject to the following :-
 - (a) It is good practice for prior consent from the purchasers to be secured by the developer. However, in the event prior consent from the purchasers are not secured, an undertaking letter from the developer to hand over these loose fittings/fixtures to the purchasers and to install them as per purchasers' request shall be secured prior to certification.
 - (b) The list of deferred items shall be stipulated clearly in the Certificate specifying that "the said Building has been duly constructed and completed in accordance with all relevant Acts, by-laws and regulations and that all conditions imposed by the Appropriate Authority in respect of the issuance of the Certificate of Fitness for Occupation have been duly complied with" so that the buyers are aware of the items involved.
 - (c) The deferred items shall only include loose fittings/fixtures such as w.c. seat cover, tap fittings, shower rose, manhole cover, m.s. gratings, ELCB fuse switches, which can be easily removed. Items such as w.c, basins, sink, switch and power sockets are not considered as loose fittings/fixtures.
 - (d) All these loose fittings/fixtures are already available at the site before certification.

Before Stage 3 can be certified, the guidelines state that water and electricity supply are ready for connection. Professional Architects should note that what is expected is that water and electricity supply should be ready for tapping into the individual unit and that the internal electrical and plumbing works in each house have been completed, serviceable and tested and commissioned by the authorised agents. The JBA bulk/individual water and electrical meters itself may or may not be available depending on the circumstances but the supply is available till the meter and the system serviceable at the point of certification. This would imply that the electrical substation has been energised and that the water reservoir is operational.

- 8.0 Professional Architects may certify the stages not in accordance with the sequence but he must satisfy himself with the fact that the stage being certified has been completed [e.g. Stages 2(f), 2(g) and 2(h)] and will not be materially damaged by the works that still have to be carried out to the preceeding stages that have yet to be completed.
- 9.0 The Certificate of Fitness, issued by the local authority responsible for development, is not required for the last Stage 3 but application to the local authority is required. Hence although the Purchaser has vacant possession, he is not entitled to occupy the building until the Certificate of Fitness is obtained. This is a dichotomy but it is generally not possible for both to coincide as the issuance of the Certificate of Fitness may require compliance with certain conditions outside the province of the Third Schedule of the SPA.

In submitting the application for the Certificate of Fitness, Professional Architects are reminded of their duty to comply with by-law 25(1)(b) of the UBBL which reads as follows :-

- "25(1) Certificate of fitness for occupation of a building shall be given when -
 - (a) the qualified persons during the course of the work have certified in form E as set out in the Second Schedule to these By-laws that they have supervised the erection of the building, that to the best of their knowledge and belief the building has been constructed in accordance with these By-laws and any conditions imposed by the local authority and that they accept full responsibility for those portions which they are respectively concerned with and the local authority or an officer authorised by it in writing for the purpose has inspected the building.
 - (b) all essential services, including access roads, landscape, car parks, drains, sanitary, water and electricity installation, fire lifts, fire hydrant and others where required, sewerage and refuse disposal requirements have been provided."
- 10.0 The Professional Architect shall, where practical, endeavour to coincide his Certificate of Practical Completion to the building contractor with his certification that the construction of the said building has been duly completed and it is recommended that this be done for administrative reasons as the defects liability of the building contract can then be tied to that of the SPA.

GUIDELINES ON THE THIRD SCHEDULE (CLAUSE 4 (1)) OF THE STANDARD SALE AND PURCHASE AGREEMENT FOR SUB-DIVIDED BUILDING

Schedule of Payment of Purchase Price under the Third Schedule of the S & P Agreement		Description of Construction Work That <u>Must Be Completed</u> For Certification	Description of Construction Work That <u>Need Not be Completed</u> For Certification	
2(a)	The work below ground level including piling and foundation of the said Building comprising the said Parcel (10%)	 * All foundation work below the lowest floor level Piling and pilecaps (if any) Raft slab (if any) Footing (if any) stumps (if any) where applicable of the said building comprising the said Parcel. 	 Retaining wall if it is not part of the foundation Backfilling Lowest floor slab if it is not part of the foundation Ground beams Services 	
2(b)	The reinforced concrete framework and floor slab of the said Parcel (15%)	 * All primary reinforced concrete structural elements above lowest floor level including: Beams Columns Suspended Slab Structural walls (if any) where applicable of the said parcel. * Retaining walls forming part of the structural element to the Parcel (if any) 	 * Non-structural ground floor slabs with or without BRC * R.C. wall stiffeners and lintols * Non- structural or supporting R.C. works e.g. hoods, aprons, gutters, parapet * R.C. staircase including that in the common area * R.C. walls (that do not form part of the R.C. framework) 	

[SCHEDULE H OF THE HOUSING DEVELOPMENT (CONTROL AND LICENSING) REGULATIONS 1989]

GUIDELINES ON THE THIRD SCHEDULE (CLAUSE 4 (1)) OF THE STANDARD SALE AND PURCHASE AGREEMENT FOR SUB-DIVIDED BUILDING

[SCHEDULE H OF THE HOUSING DEVELOPMENT (CONTROL AND LICENSING) REGULATIONS 1989]

Schedule of Payment of Purchase Price under the Third Schedule of the S & P Agreement	Description of Construction Work That <u>Must Be Completed</u> For Certification	Description of Construction Work That <u>Need Not be Completed</u> For Certification
2(c) The walls of the said Parcel with door and window frames placed in position(10%)	 * All masonry walls within the said Parcel * All party walls inclusive of R.C. wall stiffeners * Timber door and window frames * All frameworks for dry partitioning excluding lining of partition 	 Metal frames Installation of door leaves, window (fixed or openable) or louvres Parapet walls, boundary walls and fence walls Closing up of temporary openings left in walls for constructional purposes
2(d) The roofing/ceiling, electrical wiring, plumbing (without fittings), gas piping (if any) and internal telephone trunking and cabling to the said Parcel (10%)	 * Roof structure, roof covering and flashing to the said Parcel (if any) * Bare soffits of the floor slab to the Parcel above and/or the framing of the ceiling (if any) within the said Parcel * All electrical wirings within the said Parcel * All water piping including bends and joints within the said Parcel * All sanitary pipings including bends, joint and traps within the said Parcel * Gas piping (if any) including joints and valves within the said Parcel * Telephone trunking (if any) and cabling (if any) within the said Parcel 	 Ceiling boards or panels Switch boxes, socket outlets, switches and electrical fixtures and fittings (if any) Sanitary fittings including sinks, taps, basins, bath tubs and shower heads Hot water heaters Water tanks Rain water downpipes and gutters Window hoods

GUIDELINES ON THE THIRD SCHEDULE (CLAUSE 4 (1)) OF THE STANDARD SALE AND PURCHASE AGREEMENT FOR SUB-DIVIDED BUILDING

[SCHEDULE H OF THE HOUSING DEVELOPMENT (CONTROL AND LICENSING) REGULATIONS 1989]

Price the S	dule of Payment of Purchase under the Third Schedule of & P Agreement	Description of Construction Work That <u>Must Be Completed</u> For Certification	Description of Construction Work That <u>Need Not be Completed</u> For Certification
2(e)	The internal and external plastering of the said Parcel (10%)	 * All plastering where specified to all walls, soffits of suspended slabs (if any), beams and columns * Wall tiles (if any) * All linings/boards/panels to framed partitions and/or ceiling (if any) 	 * Floor screeding and/or finishes * Painting and other wall finishes except wall tiles * Closing up of temporary openings for construction purposes * Tiling or plastering to side of stairs * Ceiling to water tank area
2(f)	The sewerage works serving the said Building (5%)	 Sewerage works including manholes from the Building containing the said Parcel connected to a completed sewerage treatment system (The treatment system may be permanent or temporary as approved by the relevant authority) 	 * Testing and commissioning * Water and electricity connection Note : Please refer to the diagrams on Pages 18/18 for illustration.
2(g)	The drains serving the said Building (5%)	 Drains and main drains connected to the outfall (The alignment of the drains and the outfall may be permanent or temporary as approved by the local authority) 	* Metal gratings and covers over drains
2(h)	The roads serving the said Building (5%)	 Paved road leading to the Building containing the said Parcel from an existing road. The alignment of the road may be a permanent or temporary access approved by the local authority. Permanent roads around the Building containing the said Parcel Entrance culvert serving the Building Kerbs (if any) 	 Footpaths and roadside tables Final wearing course to pre-mixed roads Road markings and signages

GUIDELINES ON THE THIRD SCHEDULE (CLAUSE 4 (1)) OF THE STANDARD SALE AND PURCHASE AGREEMENT FOR SUB-DIVIDED BUILDING

[SCHEDULE H OF THE HOUSING DEVELOPERS (CONTROL AND LICENSING) REGULATIONS 1989]

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Schedule of Payment of Purchase Price under the Third Schedule of the S & P Agreement	Description of Construction Work That <u>Must Be Completed</u> For Certification	Description of Construction Work That <u>Need Not be Completed</u> For Certification
 (3) On the date the Purchaser takes possession of the said Parcel with water and electricity supply ready for connection to the said parcel (12.5%) Professional Architect's role for this stage is only to do the following : 	 * All other works inclusive but not limited to all items not completed in Stage 2(a) to 2(h). * External works including fencing, gates and turfing (if any) * Electrical wiring, water and sanitary piping services completed and ready to receive supply * Water and electricity supply 	 * Electrical, water, sanitary and other loose fittings and fixtures (<i>Refer to Para 8 of</i> Supplementary Notes) * Minor defects * Electrical and water meters
i) Issue a certificate certifying that <u>the said Building has</u> been duly constructed and completed in accordance with the relevant Acts, by-laws and regulations and that all conditions imposed by the Appropriate Authority in respect of the issuance of the Certificate of Fitness for Occupation have been duly complied with.	 water and electricity supply available and ready for connection for tapping into the said Parcel * The TNB sub-station should be energised. * All external electrical cabling from sub-station to the unit must be completed with supply * Sewerage treatment plant shall be serviceable * Water reservoir (if applicable) is operational 	
<u>Note</u> : It is the Vendor's responsibility to obtain a letter of confirmation from the Appropriate Authority certifying that the Form E as prescribed under the Second Schedule to the Uniform Building By-laws 1984 has been duly submitted and checked and accepted by the Appropriate Authority.	* Closing up of temporary openings for construction purposes.	Jauga 27(2)(a) of the standard Sala

Note : The wording in the Architect's certificate should read as stated in Clause 27(2)(a) of the standard Sale and Purchase Agreement and as underlined in 3 (i) above.

GUIDELINES ON THE THIRD SCHEDULE (CLAUSE 4 (1)) OF THE STANDARD SALE AND PURCHASE AGREEMENT FOR SUB-DIVIDED BUILDING

[SCHEDULE H OF THE HOUSING DEVELOPMENT (CONTROL AND LICENSING) REGULATIONS 1989]

SUPPLEMENTARY NOTES

1.0 Certification of stage completion by the Professional Architect is required in the Standard Sale & Purchase Agreement (SPA) specified under the Housing Development (Control & Licensing) Regulations 1989 to enable the Developer to request payment from the Purchaser. The stages of completion are set out in the Third Schedule of the SPA.

These guidelines are hence for sub-divided buildings only and particularised for buildings with reinforced concrete structural framing.

- 2.0 These guidelines set to define as comprehensively as possible the work that must be completed at each stage before certification. They also clarify the work items that need not be completed for reasons of construction sequence, practicality etc. However, the work items deferred would need to be completed at a later stage, depending on the logic of construction. For example, in Stage 3 all temporary openings for construction purposes must now be completed.
- 3.0 For all constructional systems other than the conventional reinforced concrete framework, the developer should refer to the Controller of Ministry of Housing for modification [Refer to Clause 11 of the Housing Development (Control and Licensing) Regulations 1989].
- 4.0 "Building" refers to the structure (containing the said Parcel) which has been approved by the local authority referred to in the preamble of the S & P Agreement and is capable of obtaining a certificate of occupation (Final or Temporary) from the approving authority upon its completion.
- 5.0 The following steps should be adhered to by the Professional Architect before commencement of construction work :
 - 5.1 Request for a copy of the Sale & Purchase Agreement including all schedules as specified in the S & P Agreement of each housing type to be sold in the development for which certification is required.
 - 5.2 Check the details specified in the Sales Brochure approved by the Ministry of Housing & Local Government that they conform to the specifications required of the contractor who is going to construct the building. The check list shall include the site plans, the building plans, the layout plans and the specifications of the houses. These details must also conform to those specified in the 4th schedule.
 - 5.3 Check that the above conform with the approved building plan which is cited in the preamble of the S & P Agreement.

- 5.4 Request the Developer to advise on any deviations in the Sale & Purchase Agreement from the Standard Sale & Purchase Agreement and also of any special conditions imposed by the Ministry of Housing on the development.
- 5.5 Establish with the Developer the time frame for certification, to be on a monthly basis or fortnightly basis or when requested by the Developer.
- 5.6 Establish the quantum of units to be certified, to be block by block, floor by floor or parcel by parcel. It will be very time consuming for the Professional Architect to be certifying on a parcel by parcel basis and it is recommended that there be a set minimum number of parcels for each certification.
- 6.0 Inspections <u>must</u> be carried out before certification.
- 7.0 The Professional Architect should request the Engineer for the project to confirm in writing his concurrence with the satisfactory completion of Stages 2(a), 2(b), 2(d) if applicable, 2(f), 2(g) and 2(h) before the Professional Architect certifies.

For stage 2(b), it is prudent for the Professional Architect to wait until the side formworks are removed to visually ensure that there are no major honeycomb/defects on the structure before certification.

For stage 2(c), the Professional Architect shall ensure that the openings shall be properly formed to received the metal frames and completed with lintols (where applicable) before this is certified.

For stage 2(f), there may be instances where there is no sewerage treatment plant and the sewerage works from the scheme is connected to an existing public main as approved by the relevant authority.

- 8.0 In view of the rampant vandalism and theft of loose fittings experienced in most of the sites, at Stage 3, should the developer desire for the electrical, water, sanitary fittings and fixtures to be deferred until the purchaser moves in to minimise theft and vandalism, these items are allowed not to be fitted subject to the following :-
 - (a) It is a good practice for prior consent from the purchasers to be secured by the developer. However, in the event prior consent from the purchasers are not secured, an undertaking letter from the developer to hand over these loose fittings/fixtures to the purchasers and to install them as per purchasers' request shall be secured prior to certification.
 - (b) The list of deferred items shall be stipulated clearly in the Certificate specifying that "the said Building has been duly constructed and completed in accordance with all relevant Acts, by-laws and regulations and that all conditions imposed by the Appropriate Authority in respect of the issuance of the Certificate of Fitness for Occupation have been duly complied with" so that the buyers are aware of the items involved.
 - (c) The deferred items shall only include loose fittings/fixtures such as w.c. seat cover, tap fittings, shower rose, manhole cover, m.s. gratings, ELCB fuse switches, which can be easily removed. Items such as w.c. basins, sink, switch and power sockets are not considered as loose fittings/fixtures.

(d) All these loose fittings/fixtures are already available at the site before certification.

Before Stage 3 can be certified, the guidelines state that water and electricity supply are ready for connection. Professional Architects should note that what is expected is that water and electricity supply should be ready for tapping into the individual parcel and that the internal electrical and plumbing works in each parcel have been completed, serviceable and tested and commissioned by the authorised agents. The JBA bulk/individual water and electrical meters itself may or may not be available depending on the circumstances but the supply is available till the meter and the system serviceable at the point of certification. This would imply that the electrical substation has been energised and that the water reservoir is operational.

- 9.0 Professional Architects may certify the stages not in accordance with the sequence but he must satisfy himself with the fact that the stage being certified has been completed [e.g. Stages 2(f), 2(g) and 2(h)] and will not be materially damaged by the works that still have to be carried out to the preceeding stages that have yet to be completed.
- 10.0 The Certificate of Fitness, issued by the local authority responsible for the development, is not required for the last Stage 3 but application to the local authority is required. Hence although the Purchaser has vacant possession, he is not entitled to occupy the building until the Certificate of Fitness is obtained. This is a dichotomy but it is generally not possible for both to coincide as the issuance of the Certificate of Fitness may require compliance with certain conditions outside the province of the Third Schedule of the SPA.

In submitting the application for the Certificate of Fitness, Professional Architects are reminded of their duty to comply with by-law 25(1)(b) of the UBBL which reads as follows :-

- "25(1) Certificate of fitness for occupation of a building shall be given when -
 - (a) the qualified persons during the course of the work have certified in form E as set out in the Second Schedule to these By-laws that they have supervised the erection of the building, that to the best of their knowledge and belief the building has been constructed in accordance with these By-laws and any conditions imposed by the local authority and that they accept full responsibility for those portions which they are respectively concerned with and the local authority or an officer authorised by it in writing for the purpose has inspected the building.
 - (b) all essential services, including access roads, landscape, car parks, drains, sanitary, water and electricity installation, fire lifts, fire hydrant and others where required, sewerage and refuse disposal requirements have been provided."
- 11.0 The Professional Architect shall, where practical, endeavour to coincide his Certificate of Practical Completion to the building contractor with his certification that the construction of the said Building has been duly completed and it is recommended that this be done for administrative reasons as the defects liability of the building contract can then be tied to that of the SPA.





