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## No. S 199

### BUILDING CONTROL ACT (CHAPTER 29)

### BUILDING CONTROL (BUILDABILITY AND PRODUCTIVITY) REGULATIONS 2011

#### ARRANGEMENT OF REGULATIONS

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In exercise of the powers conferred by section 49 of the Building Control Act, the Minister for National Development hereby makes the following Regulations:

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## Citation and commencement

1. These Regulations may be cited as the Building Control (Buildability and Productivity) Regulations 2011 and shall come into operation 15th July 2011.

*[S 729/2014 wef 01/11/2014]*

## Definitions

2. In these Regulations —

“accredited”, in relation to a fabrication facility or a fabrication method, means that the fabrication facility or the fabrication method is accredited by a body specified in the Code of Practice;

*[S 729/2015 wef 01/12/2015]*

“biometric authentication system” means an electronic system capable of identifying or authenticating the identity of a person using distinguishing physiological traits of the person such as finger prints, palm shapes or facial features;

*[S 729/2014 wef 01/11/2014]*

“buildability detailed design and implementation plan” means a plan (of the building works of a building) which describes and defines the types, extent of use and details of the building systems, building components and buildable features to be implemented for the building works of the building, for the purpose of —

(a) computing the buildable design score or structural design score, as the case may be, with respect to the design of the building works; and

(b) where applicable, ascertaining compliance with the requirements under regulations 4A and 4B with respect to the design of the building works;

*[S 729/2014 wef 01/11/2014]*

“buildable design score” means the score relating to the extent to which a design of building works affects the ease of implementation of the building works, computed in

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accordance with the Buildable Design Appraisal System as set out in the Code of Practice;

*[S 522/2013 wef 01/09/2013]*

*[Deleted by S 729/2014 wef 01/11/2014]*

“building plans” means the building plans referred to in regulation 4(1)(a)(i) of the Building Control Regulations 2003 (G.N. No. S 666/2003);

“Code of Practice” means the Code of Practice on Buildability issued by the Building and Construction Authority;

“constructability implementation plan”, in relation to the building works of a building, means a document which describes and defines the type, extent of use and details of construction techniques and processes, plant, equipment and innovative methods and systems to be implemented for the building works of the building for the purpose of computing the constructability score with respect to the building works;

*[S 522/2013 wef 01/09/2013]*

“constructability score” means the score relating to the extent to which an adoption of construction techniques and processes affects the productivity level of any building works, computed in accordance with the Constructability Appraisal System as set out in the Code of Practice;

“Construction Productivity Data” means data required for the purpose of assessing the productivity level of any building works, which includes the following:

- (a) manpower utilisation;
- (b) construction output; and
- (c) documentation relating to the construction of the building works;

“detailed structural plans” means the detailed structural plans referred to in regulation 4(1)(a)(ii) of the Building Control Regulations 2003;

“Government Land Sales Programme” means a programme under which State land is sold by a statutory board referred to in the First Schedule or the Government and through a public selection process;

*[S 729/2014 wef 01/11/2014]*

*[S 522/2013 wef 01/09/2013]*

“gross floor area” has the same meaning as “floor area” in rule 2(1) of the Planning (Development Charges) Rules (Cap. 232, R 5);

“immaterial changes” has the same meaning as in regulation 2 of the Building Control Regulations 2003 (G.N. No. S 666/2003);

*[S 522/2013 wef 01/09/2013]*

“industrial building” means any building that is constructed or used, or is to be constructed or used, primarily for —

- (a) the manufacturing, altering, repairing, ornamenting, finishing, cleaning, washing, packing, canning, adapting, breaking up or demolishing of any article or part of an article;
- (b) the getting, processing or treatment of any minerals;
- (c) the manufacturing, preparation, brewing, packing or storage of any foodstuff or beverage;
- (d) the storage of any goods; or
- (e) the carrying out of any printing works;

*[S 729/2014 wef 01/11/2014]*

“office” has the same meaning as in rule 2 of the Planning (Use Classes) Rules (Cap. 232, R 2);

*[S 70/2017 wef 28/02/2017]*

“office building” means any building that is constructed for use solely or partly as an office;

*[S 70/2017 wef 28/02/2017]*

“prefabricated bathroom unit” means a bathroom unit (complete with finishes for walls and floors) which is —

(a) constructed and assembled; or

(b) manufactured and assembled,

in an accredited fabrication facility, in accordance with any accredited fabrication method, and then installed in a building under building works;

*[S 729/2015 wef 01/12/2015]*

“prefabricated prefinished volumetric construction” means a construction method whereby freestanding volumetric modules (complete with finishes for walls, floors and ceilings) are —

(a) constructed and assembled; or

(b) manufactured and assembled,

in an accredited fabrication facility, in accordance with any accredited fabrication method, and then installed in a building under building works;

*[S 729/2015 wef 01/12/2015]*

“prefabricated systems” means building systems or components that are manufactured or constructed outside the premises of the building works and assembled at those premises for the purposes of those building works;

*[S 729/2014 wef 01/11/2014]*

“relevant building works” means the building works referred to in regulation 3(1), (2), (3), (4) or (4A), as the case may be;

*[S 522/2013 wef 01/09/2013]*

*[S 729/2014 wef 01/11/2014]*

“residential (non-landed) building” means any non-landed building that is constructed for use solely or partly as a residence or private dwelling;

*[S 729/2014 wef 01/11/2014]*

“State land” has the same meaning as in section 2 of the Singapore Land Authority Act (Cap. 301);

*[S 522/2013 wef 01/09/2013]*

“structural steel construction” means a construction method whereby a building or a part of the building is constructed using composite steel and concrete deck floors that are —

- (a) connected to steel beams or steel trusses; and
- (b) supported by steel columns, composite steel columns or precast concrete columns;

*[S 70/2017 wef 28/02/2017]*

*[Deleted by S 729/2014 wef 01/11/2014]*

“submission requirements” means the requirements specified in the Requirements on Submission of Construction Productivity Data issued by the Building and Construction Authority;

“total super-structural floor area” means the total constructed floor area of the building consisting of the ground floor and all floors above the ground floor, but excluding any floor area constructed for use as a roof or car park.

*[S 729/2014 wef 01/11/2014]*

## **Application**

3.—(1) Subject to paragraphs (2) and (5), regulations 4, 6, 7, 11 and 13 shall apply to any building works in respect of which an application for planning permission is submitted to the competent authority under the Planning Act (Cap. 232) on or after 15th July 2011 and which involve a gross floor area of 2,000 square metres or more.

(1A) Regulation 4, except for regulation 4(3)(b), shall not apply to building works consisting of repairs, alterations or additions to an existing building.

*[S 522/2013 wef 01/09/2013]*

(2) Regulations 4(3)(b), 6, 7, 11 and 13 shall not apply to building works consisting of repairs, alterations or additions to an existing building (whether carried out within or outside the existing building) in respect of which an application for planning permission is submitted on or after 15th July 2011 unless —

- (a) the gross floor area of the existing floor to be reconstructed;

(b) the increase in the gross floor area of the existing building that will result from the building works; or

(c) the sum of sub-paragraphs (a) and (b),

is 2,000 square metres or more.

*[S 522/2013 wef 01/09/2013]*

(3) Subject to paragraphs (4) and (5), regulations 5, 8, 9, 10, 12 and 14 shall apply to any building works in respect of which an application for planning permission is submitted on or after 15th July 2011 and which involve a gross floor area of 5,000 square metres or more.

(4) Regulations 5, 8, 9, 10, 12 and 14 shall not apply to building works consisting of repairs, alterations or additions to an existing building (whether carried out within or outside the existing building) in respect of which an application for planning permission is submitted on or after 15th July 2011 unless —

(a) the gross floor area of the existing floor to be reconstructed;

(b) the increase in the gross floor area of the existing building that will result from the building works; or

(c) the sum of sub-paragraphs (a) and (b),

is 5,000 square metres or more.

(4A) Subject to paragraph (5), regulations 4A and 4B shall apply to any building works (other than repairs, alterations or additions to an existing building) in respect of which an application for planning permission is submitted on or after 1 November 2014.

*[S 729/2014 wef 01/11/2014]*

(5) These Regulations shall also not apply to any building works relating to —

(a) any culvert, bridge, underpass, tunnel, earth retaining or stabilising structure, slipway, dock, wharf or jetty;

(b) any theme park;

(c) any place of worship;

(d) any power station; or

(e) any waste processing or treatment plant.

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**Minimum buildable design score**

4.—(1) Every qualified person appointed under section 8(1)(a) or 11(1)(d)(i) of the Act and every developer, in respect of any relevant building works, shall ensure that the building works are designed and carried out such that the buildable design score of the building works is not less than the minimum buildable design score referred to in paragraph (2) or (3), as the case may be.

(2) The minimum buildable design score for any relevant building works which relate to any building to be built on any State land which is sold under the Government Land Sales Programme on or after 15 October 2013 but before 1 November 2014 shall be —

- (a) in the case where the building works relate to any building to be built for one category of building use, the minimum buildable design score for that category of building use specified for any building on such State land as set out according to the category of building use in the Code of Practice; or
- (b) in the case where the building works relate to any building to be built for mixed categories of building use, the sum of the minimum buildable design scores for each of the categories of building use specified for any building on such State land as set out according to the category of building use in the Code of Practice pro-rated in proportion to the percentage of gross floor area of the building works relating to the building to be built for building use for that category.

*[S 729/2014 wef 01/11/2014]*

(3) The minimum buildable design score for any relevant building works which relate to any building on any land, other than State land sold under the Government Land Sales Programme on or after 15 October 2013 but before 1 November 2014, shall be —

- (a) in the case where the building works relate to any building to be built —
  - (i) where the building is to be built for one category of building use, the minimum buildable design score for that category of building use specified for any



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- building on such land as set out according to the category of building use in the Code of Practice; or
- (ii) where the building is to be built for mixed categories of building use, the sum of the minimum buildable design scores for each of the categories of building use specified for any building on such land as set out according to the category of building use in the Code of Practice pro-rated in proportion to the percentage of gross floor area of the building works relating to the building to be built for building use for that category; or
- (b) in the case where the building works consists of repairs, alterations or additions to an existing building —
- (i) where the repairs, alterations or additions involve one type of building works and are implemented for one category of building use, the minimum buildable design score for that type of building works corresponding to that category of building use specified for any building on such land as set out according to the type of building works against the category of building use in the Code of Practice; or
- (ii) where the repairs, alterations or additions involve mixed types of building works and are implemented for mixed categories of building use, the sum of the minimum buildable design scores for each of the types of building works which is implemented for the corresponding category of building use specified for any building on such land as set out according to the type of building works against the category of building use in the Code of Practice pro-rated in proportion to the percentage of gross floor area of the building works relating to the building which consist of repairs, alterations or additions involving that type of building works.

*[S 729/2014 wef 01/11/2014]*

*[S 522/2013 wef 01/09/2013]*

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**Mandatory buildable systems and standard components**

**4A.** Every qualified person appointed under section 8(1)(a) or 11(1)(d)(i) of the Act and every developer, in respect of any relevant building works, shall ensure that the building works are designed and carried out such that the building implements or incorporates the building systems and standard components applicable to the category of building use specified in the Second Schedule which applies to that building.

*[S 729/2014 wef 01/11/2014]*

**Minimum productivity requirements**

**4B.—(1)** Every qualified person appointed under section 8(1)(a) or 11(1)(d)(i) of the Act and every developer, in respect of any relevant building works referred to in paragraph (2) or (3), shall ensure that the building works are designed and carried out such that the building works satisfy the requirements referred to in paragraph (2), (3) or (4), as the case may be.

(2) Where the relevant building works relate to any building to be built for use as a residential (non-landed) building on any State land which is sold under the Government Land Sales Programme on or after 1 November 2014 —

- (a) the building or the component of the building that is a residential (non-landed) building, as the case may be, must incorporate the minimum number of prefabricated bathroom units specified in the Third Schedule; and
- (b) each of the prefabricated bathroom units must conform to the requirements set out in the Code of Practice in relation to prefabricated bathroom units.

(3) Where the relevant building works relate to any building to be built for use as an industrial building on any State land which is sold under the Government Land Sales Programme on or after 1 November 2014, the building must incorporate the minimum level of use of prefabricated systems specified in the Fourth Schedule.

(4) Where the relevant building works relate to any building to be built for use as a residential (non-landed) building on any State land which is sold under the Government Land Sales Programme on or

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after 1 November 2014, and that land is situated wholly or partly within the area described in the Fifth Schedule —

- (a) the building or the component of the building that is a residential (non-landed) building, as the case may be, must incorporate the minimum level of use of prefabricated prefinished volumetric construction specified in the Sixth Schedule; and
- (b) the prefabricated prefinished volumetric construction which is used must conform to the requirements set out in the Code of Practice in relation to prefabricated prefinished volumetric construction.

*[S 729/2014 wef 01/11/2014]*

(5) Where the relevant building works relate to any building to be built for use as an office building on any State land which is sold under the Government Land Sales Programme on or after 28 February 2017, and that land is situated wholly or partly within the area described in the Seventh Schedule, the building or the office component of the building, as the case may be, must incorporate the minimum level of use of structural steel construction specified in the Eighth Schedule.

*[S 70/2017 wef 28/02/2017]*

### **Minimum constructability score**

5. Every builder appointed under section 8(1)(c) of the Act, in respect of any relevant building works, shall ensure that construction of the building works, including those carried out on any land which is sold on or after 15 October 2013 but before 1 November 2014 under the Government Land Sales Programme, is not less than the applicable minimum constructability score for the relevant gross floor area of the building works relating to any building as set out in the Code of Practice.

*[S 522/2013 wef 01/09/2013]*

*[S 729/2014 wef 01/11/2014]*

### **Submission of buildability detailed design and implementation plan for approval**

5A.—(1) For the purposes of section 5(1) of the Act, the plans of building works for which an application for approval is to be made to

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the Commissioner of Building Control shall include the buildability detailed design and implementation plan.

(2) The buildability detailed design and implementation plan shall include the following:

- (a) the floor plan of each storey of the building (including any basement storey) which clearly marks out the structural floor area and wall length for every structural system and wall system of that storey and any buildable feature;
- (b) the roof plan of the building which clearly marks out the structural floor area and wall length for every structural system and wall system of the roof and any buildable feature;
- (c) the elevation plans and sectional plans of the building which clearly mark out the types of structural systems, wall system and buildable features to be constructed for the building works;
- (d) where applicable, the dimensions of the building components, the type and extent of repetition of precast components, the connection and details of precast components, details on the prefabricated reinforcement and the locations of all buildable features to be constructed for the building works;
- (e) such other details as may be required by the Commissioner of Building Control.

*[S 729/2014 wef 01/11/2014]*

### **Submission of buildable design score**

6. Every developer shall, at the time of application for approval of building plans under section 5(1) of the Act, submit the following documents to the Commissioner of Building Control:

- (a) a document (in such form as may be required by the Commissioner of Building Control) as to the buildable design score of the building works which bears an endorsement, by all qualified persons appointed under section 8(1)(a) or 11(1)(d)(i) of the Act in respect of the

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building works, that the buildable design score of the building works is not less than the minimum buildable design score referred to in regulation 4(2) or (3), as the case may be;

- (b) where regulation 4A applies, a document (in such form as may be required by the Commissioner of Building Control) which bears an endorsement, by all qualified persons appointed under section 8(1)(a) or 11(1)(d)(i) of the Act in respect of the building works, that the building works satisfy the requirement under that regulation;
- (c) where regulation 4B applies, a document (in such form as may be required by the Commissioner of Building Control) which bears an endorsement, by all qualified persons appointed under section 8(1)(a) or 11(1)(d)(i) of the Act in respect of the building works, that the building works satisfy the applicable requirements under that regulation.

*[S 729/2014 wef 01/11/2014]*

*[S 522/2013 wef 01/09/2013]*

### **Submission of structural buildable design score**

7. In addition to the requirements under regulation 6, if an application for approval of the detailed structural plans of any proposed building works under section 5(1) of the Act is made before an application for approval of the building plans, then the person making the application shall, at the time the application for approval of the detailed structural plans of the building works is made, submit the following documents to the Commissioner of Building Control:

- (a) a document (in such form as may be required by the Commissioner of Building Control) which bears an endorsement, by all qualified persons appointed under section 8(1)(a) or 11(1)(d)(i) of the Act in respect of the building works, as to the buildable design score of the building works relating to the structural elements of the building works;
- (b) where regulation 4A applies, a document (in such form as may be required by the Commissioner of Building Control)

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which bears an endorsement, by all qualified persons appointed under section 8(1)(a) or 11(1)(d)(i) of the Act in respect of the building works, that the building works satisfy the requirement under that regulation;

- (c) where regulation 4B applies, a document (in such form as may be required by the Commissioner of Building Control) which bears an endorsement, by all qualified persons appointed under section 8(1)(a) or 11(1)(d)(i) of the Act in respect of the building works, that the building works satisfy the applicable requirements under that regulation.

*[S 729/2014 wef 01/11/2014]*

*[S 522/2013 wef 01/09/2013]*

### **Submission of constructability score**

**8.—**(1) Every builder referred to in regulation 5 shall submit the constructability score to the Commissioner of Building Control at the time of application for permit to carry out structural works under section 6(1) of the Act or within such time after the grant of the permit as the Commissioner of Building Control may, in his discretion, allow.

(2) The submission of the constructability score referred to in paragraph (1) shall be accompanied by —

- (a) a constructability implementation plan of the building works which shall include the floor plan of each storey of the building with respect to the building works, including the basement storeys, the roof plan of the building and the elevation plans and sectional plans of the building which clearly mark out —
- (i) the types of construction techniques and processes, plant, equipment, innovative methods and systems and materials which will be used for that storey, roof or building, as the case may be; and
  - (ii) details on the extent of adoption of each construction technique and process, plant, equipment, innovative method and system or material; and

- (b) such document or information as the Commissioner of Building Control may determine.

*[S 522/2013 wef 01/09/2013]*

### **Site records of construction techniques and processes**

**9.**—(1) Every builder referred to in regulation 5 shall keep and maintain the following at the premises on which the building works are carried out:

- (a) a progress report on the types of construction techniques and processes adopted for the purpose of ensuring that the building works are constructed in accordance with the minimum constructability score referred to in regulation 5, which shall include photographs evidencing the adoption of such construction techniques and processes;
- (b) records of the construction processes put in place for the building works; and
- (c) such other document, report and record as the Commissioner of Building Control may determine.

(2) The builder shall, at every 3-monthly interval after the date of the grant of the permit to carry out structural works under section 6(1) of the Act until completion of the building works, submit the following items to the Commissioner of Building Control:

- (a) the progress report referred to in paragraph (1)(a); and
- (b) records of the construction processes put in place for the building works, referred to in paragraph (1)(b).

*[S 522/2013 wef 01/09/2013]*

(3) The builder shall make available, at the request of the Commissioner of Building Control, any document, report or record referred to in paragraph (1) for his inspection.

*[S 522/2013 wef 01/09/2013]*

### **Collection and submission of Construction Productivity Data**

**10.** Every builder referred to in regulation 5 shall —

- (a) install and operate a biometric authentication system at the premises on which the building works are carried out for

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the purposes of collecting the Construction Productivity Data; and

- (b) submit the Construction Productivity Data of the building works to the Commissioner of Building Control in accordance with the submission requirements on a monthly basis and at such times as may be required by the Commissioner of Building Control.

*[S 729/2014 wef 01/11/2014]*

*[S 522/2013 wef 01/09/2013]*

### **Departure and deviation from approved plans**

**11.—**(1) Notwithstanding regulation 18 of the Building Control Regulations 2003 (G.N. No S 666/2003), any person who wishes to make any change to the approved buildability detailed design and implementation plan of any building works, or to the approved plan of the building works, which affects the buildable design score, shall apply to the Commissioner of Building Control under section 5A(1) of the Act.

(2) The application referred to in paragraph (1) shall —

- (a) be accompanied by the amended buildability detailed design and implementation plan or the amended plan of the building works, as the case may be, showing clearly the departures or deviations; and
- (b) bear an endorsement, by all qualified persons appointed under section 8(1)(a) or 11(1)(d)(i) of the Act in respect of the building works, that the building works are designed such that the buildable design score of the building works is not less than the minimum buildable design score.

*[S 729/2014 wef 01/11/2014]*

*[S 522/2013 wef 01/09/2013]*

### **Departure and deviation from adopted construction techniques and processes**

**12.** Every builder referred to in regulation 5 who wishes to depart or deviate from any construction technique or process adopted for the purpose of computing the constructability score referred to in regulation 8 shall —



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- (a) at least 3 working days prior to carrying into effect such departure or deviation —
- (i) notify the Commissioner of Building Control of his intention and the departure or deviation; and
  - (ii) submit the recomputed constructability score resulting from the departure or deviation and the constructability implementation plan in respect of the recomputed constructability score to the Commissioner of Building Control; and
- [S 522/2013 wef 01/09/2013]*
- (b) ensure that, notwithstanding the departure or deviation, the construction of the building works is carried out such that the constructability score of the building works is not less than the minimum constructability score referred to in regulation 5.

### **Submission of record plans of buildable design score**

**13.—**(1) On completion of the building works, the developer shall submit the buildable design score of the building works as completed (referred to in this regulation as the record plans of buildable design score) to the Commissioner of Building Control at the following time:

- (a) at the time of application for a temporary occupation permit in respect of the building works; or
- (b) in a case where no application is made for a temporary occupation permit, at the time of application for a certificate of statutory completion in respect of the building works.

*[S 729/2014 wef 01/11/2014]*

(2) The submission of the record plans of buildable design score referred to in paragraph (1) shall —

- (a) bear an endorsement by all qualified persons appointed under section 8(1)(a) or 11(1)(d)(i) of the Act in respect of the building works that the record plans of buildable design score of the building works is not less than the minimum buildable design score referred to in regulation 4(2) or (3), as the case may be;

*[S 729/2014 wef 01/11/2014]*

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- (aa) be accompanied by the buildability detailed design and implementation plan of the building works as completed;  
*[S 522/2013 wef 01/09/2013]*  
*[S 729/2014 wef 01/11/2014]*
- (ab) where regulation 4B(2) applies, be accompanied by a manufacturer's manual —
- (i) which relates to the prefabricated bathroom units that are incorporated in the building, or the component of the building that is a residential (non-landed) building; and
- (ii) which contains the information specified in the Code of Practice relating to prefabricated bathroom units; and  
*[S 729/2014 wef 01/11/2014]*
- (b) be accompanied by such documents as the Commissioner of Building Control may determine.  
*[S 729/2014 wef 01/11/2014]*

### **Submission of certificate of compliance of constructability score**

**14.—(1)** On completion of the building works, the developer shall submit a certificate in such form as may be required by the Commissioner of Building Control (referred to in this regulation as the certificate of compliance of constructability score) to the Commissioner of Building Control at the following time:

- (a) at the time of application for a temporary occupation permit in respect of the building works; or
- (b) in a case where no application is made for a temporary occupation permit, at the time of application for a certificate of statutory completion in respect of the building works.
- (2) The submission of the certificate of compliance of constructability score referred to in paragraph (1) shall bear an endorsement by the builder referred to in regulation 5 that the construction of the building works has been carried out such that the constructability score of the building works is not less than the minimum constructability score.

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**Penalty**

**15.** Any person who contravenes regulation 4, 4A, 4B, 5, 8, 9, 10, 11, 12, 13 or 14 shall be guilty of an offence and shall be liable on conviction to a fine not exceeding \$10,000.

*[S 729/2014 wef 01/11/2014]*

**Revocation**

**16.** The Building Control (Buildable Design) Regulations (Cap. 29, Rg 8) are revoked.

**Savings and transitional provision**

**17.** Notwithstanding regulation 16, the revoked Building Control (Buildable Design) Regulations in force immediately before 15th July 2011 shall continue to apply to building works, in respect of which an application for planning permission under the Planning Act (Cap. 232) has been submitted to the competent authority before 15th July 2011.

**FIRST SCHEDULE**

Regulation 2

**LIST OF STATUTORY BOARDS**

1. Housing and Development Board
2. Jurong Town Corporation
3. Land Transport Authority of Singapore
4. Singapore Land Authority
5. Urban Redevelopment Authority.

*[S 522/2013 wef 01/09/2013]*

*[S 729/2014 wef 01/11/2014]*

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**SECOND SCHEDULE**

Regulation 4A

**MANDATORY BUILDING SYSTEMS  
AND STANDARD COMPONENTS**

<i>Building systems and standard components</i>	<i>Applicable category of building use</i>
1. Drywall	Use as a residential (non-landed) building
2. Standard door size	Use as a residential (non-landed) building
3. Standard precast refuse chute	Use as a residential (non-landed) building
4. Standard floor height	Use as — (a) a residential (non-landed) building; (b) an office building; or (c) a hotel building
5. Standard precast staircase	All categories of building use
6. Precast household shelter	Use as a residential (non-landed) building
7. Welded mesh for cast-on-site concrete floor	All categories of building use
8. Prefabricated and pre-insulated duct for air-conditioning system	All categories of building use

[S 729/2015 wef 01/12/2015]

[S 729/2014 wef 01/11/2014]

### THIRD SCHEDULE

Regulation 4B(2)

#### MINIMUM NUMBER OF PREFABRICATED BATHROOM UNITS IN RESIDENTIAL (NON-LANDED) BUILDING

1. The minimum number of prefabricated bathroom units shall be 65% of the total number of bathroom units in the building or the residential (non-landed) component of the building.

[S 729/2014 wef 01/11/2014]

### FOURTH SCHEDULE

Regulation 4B(3)

#### MINIMUM LEVEL OF USE OF PREFABRICATED SYSTEMS FOR BUILDINGS

1. The minimum level of use of prefabricated systems shall be as follows:

	<i>For buildings with a gross floor area that is less than 5,000 square metres</i>	<i>For buildings with a gross floor area that is equal to or more than 5,000 square metres but less than 25,000 square metres</i>	<i>For buildings with a gross floor area that is equal to or more than 25,000 square metres</i>
(a) In respect of total structural floor area of the building works	0%	20%	35%
(b) In respect of total wall length of the building works	0%	35%	50%

[S 729/2014 wef 01/11/2014]

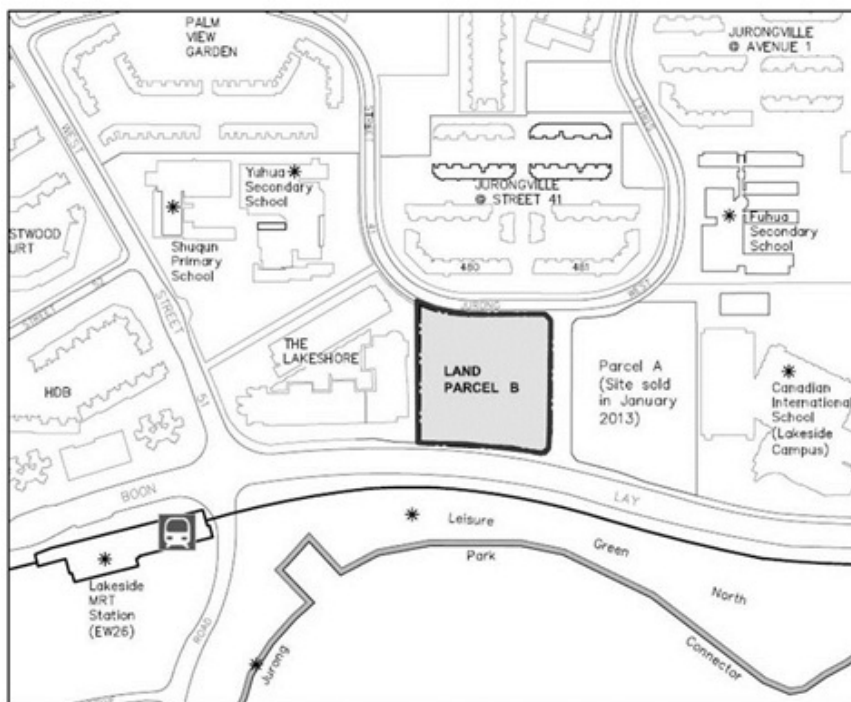
### FIFTH SCHEDULE

Regulation 4B(4)

1. Shaded area in Map 1 at Jurong West Street 41

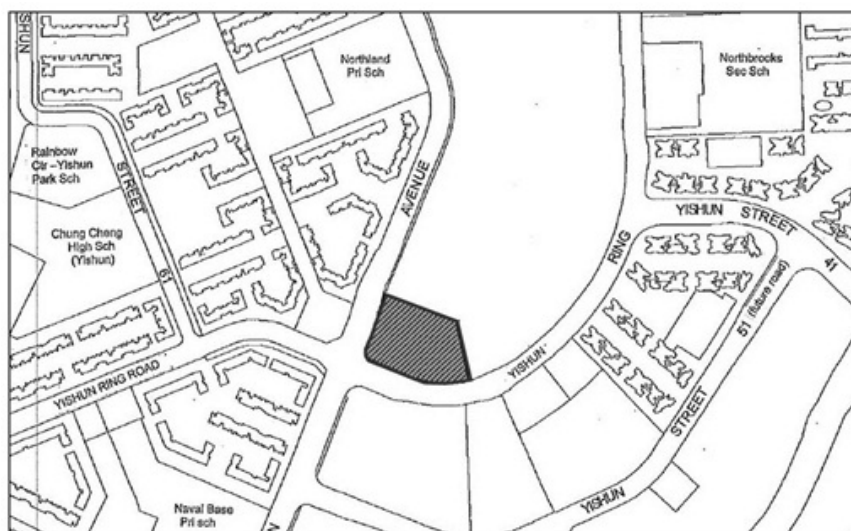
FIFTH SCHEDULE — *continued*

MAP 1



2. Shaded area in Map 2 at Yishun Avenue 4/Yishun Ring Road

MAP 2

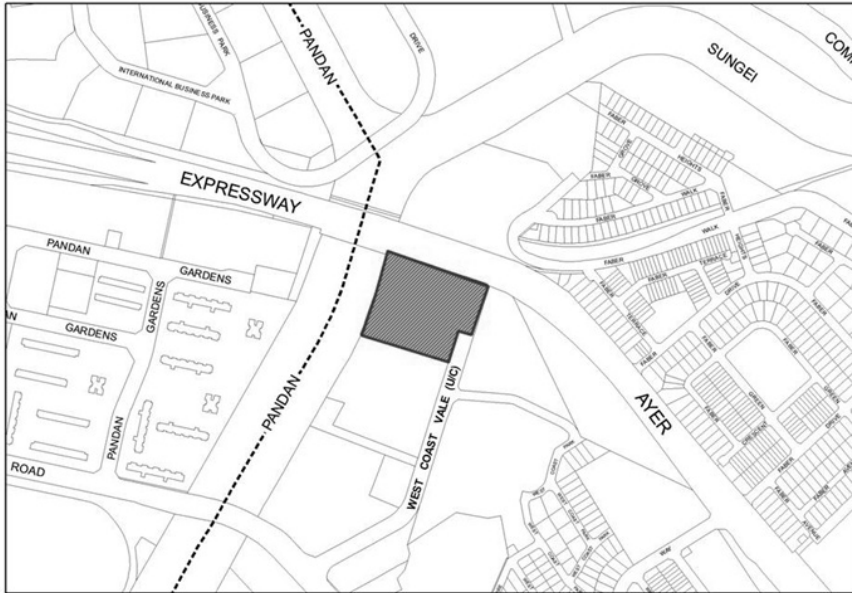


[S 729/2014 wef 01/11/2014]

FIFTH SCHEDULE — *continued*

## 3. Shaded area in Map 3 at West Coast Vale

MAP 3

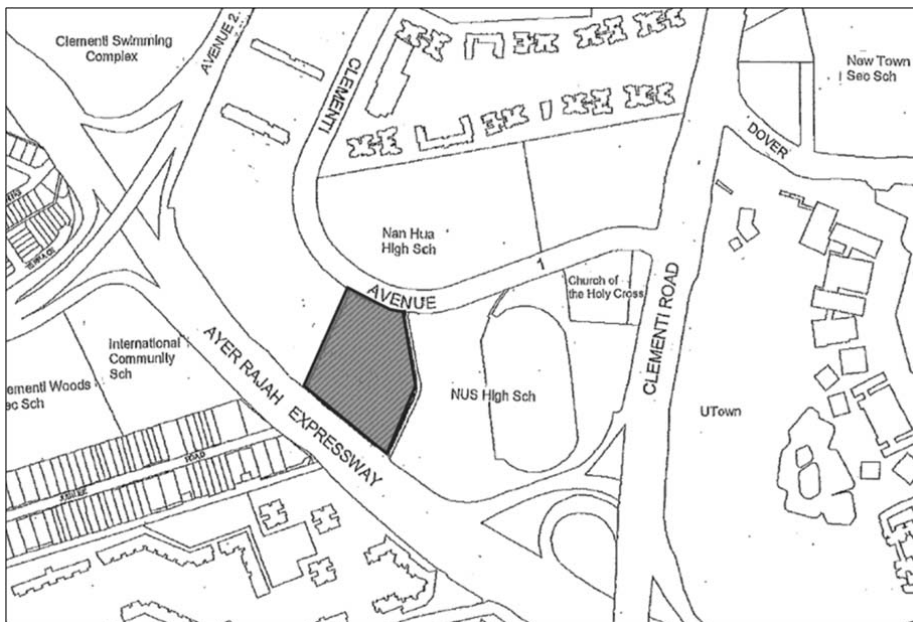


[S 252/2015 wef 01/05/2015]

## 4. Shaded area in Map 4 at Clementi Avenue 1

MAP 4

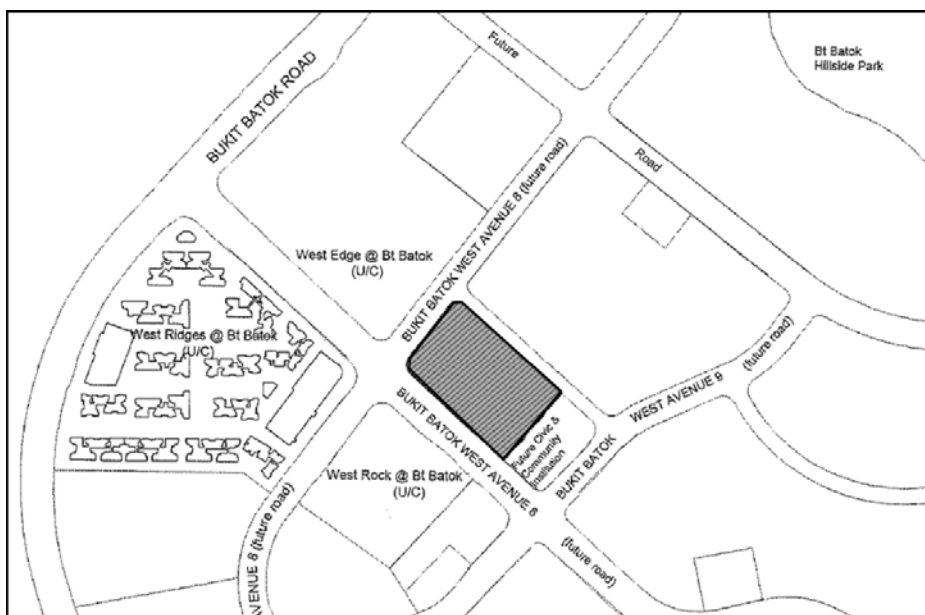
FIFTH SCHEDULE — *continued*



[S 572/2015 wef 01/10/2015]

- 5. Shaded area in Map 5 at Bukit Batok West Avenue 6

MAP 5



[S 56/2016 wef 01/03/2016]

- 6. Shaded area in Map 6 at Fernvale Road



FIFTH SCHEDULE — *continued*

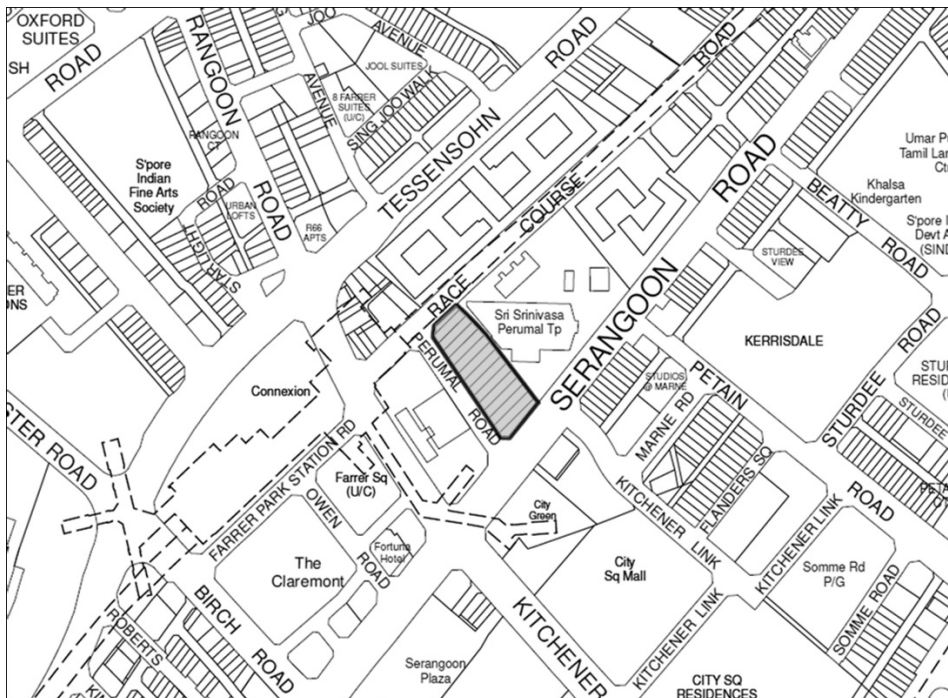
MAP 6



[S 395/2016 wef 16/08/2016]

7. Shaded area in Map 7 at Perumal Road

MAP 7



[S 572/2016 wef 11/11/2016]

8. Shaded area in Map 8 at West Coast Vale

FIFTH SCHEDULE — *continued*

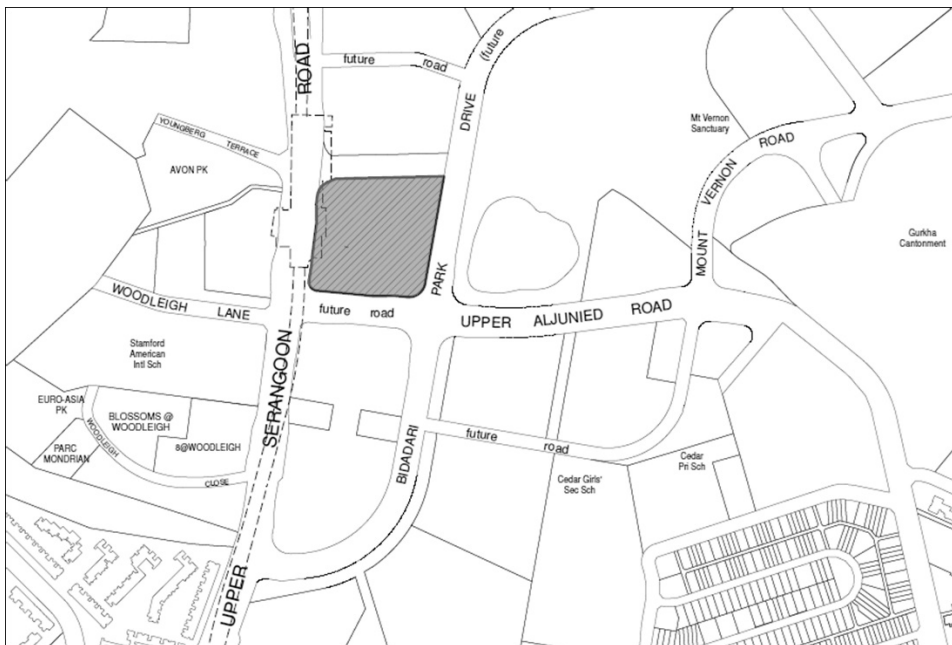
MAP 8



[S 572/2016 wef 11/11/2016]

9. Shaded area in Map 9 at Upper Serangoon Road

MAP 9

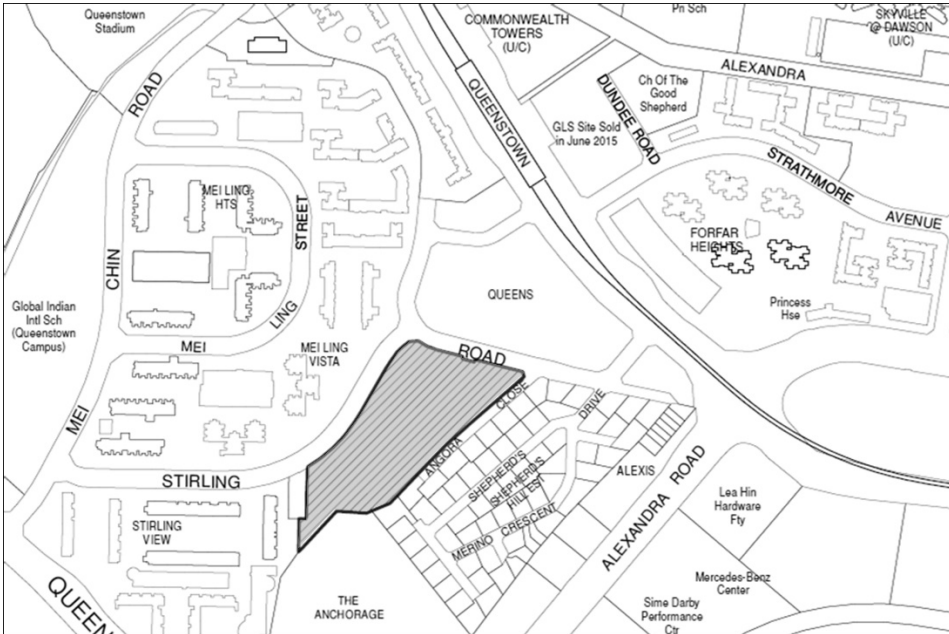


[S 572/2016 wef 11/11/2016]

FIFTH SCHEDULE — *continued*

10. Shaded area in Map 10 at Stirling Road

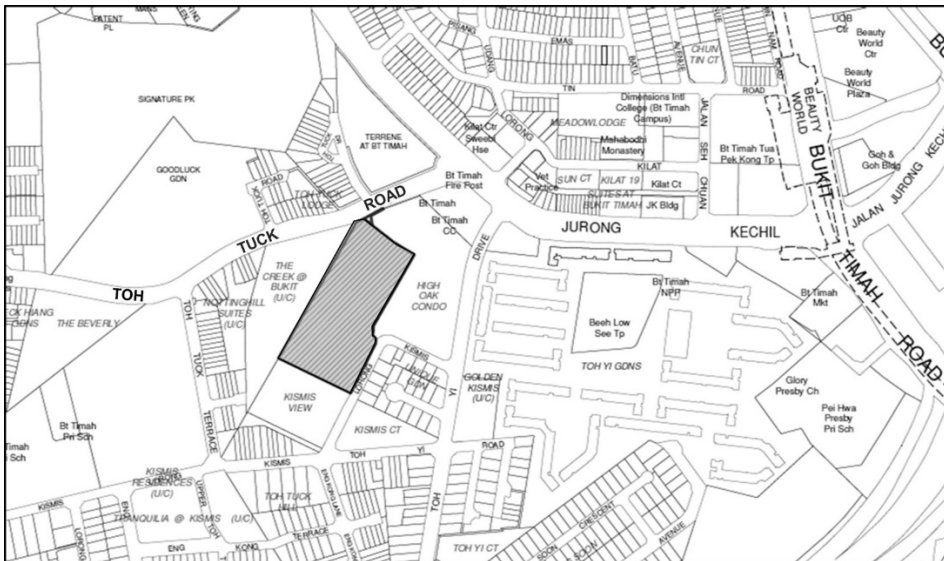
MAP 10



[S 572/2016 wef 11/11/2016]

11. Shaded area in Map 11 at Toh Tuck Road

MAP 11

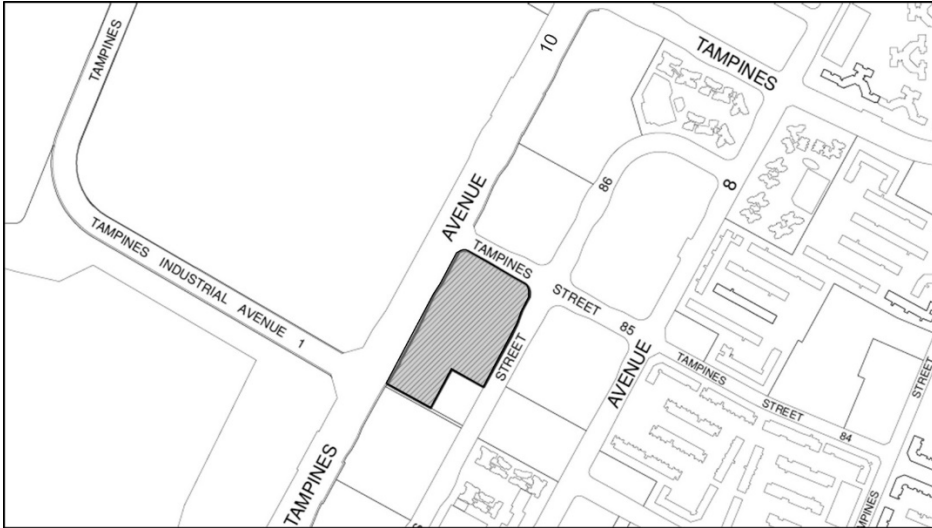


FIFTH SCHEDULE — *continued*

[S 70/2017 wef 28/02/2017]

12. Shaded area in Map 12 at Tampines Avenue 10

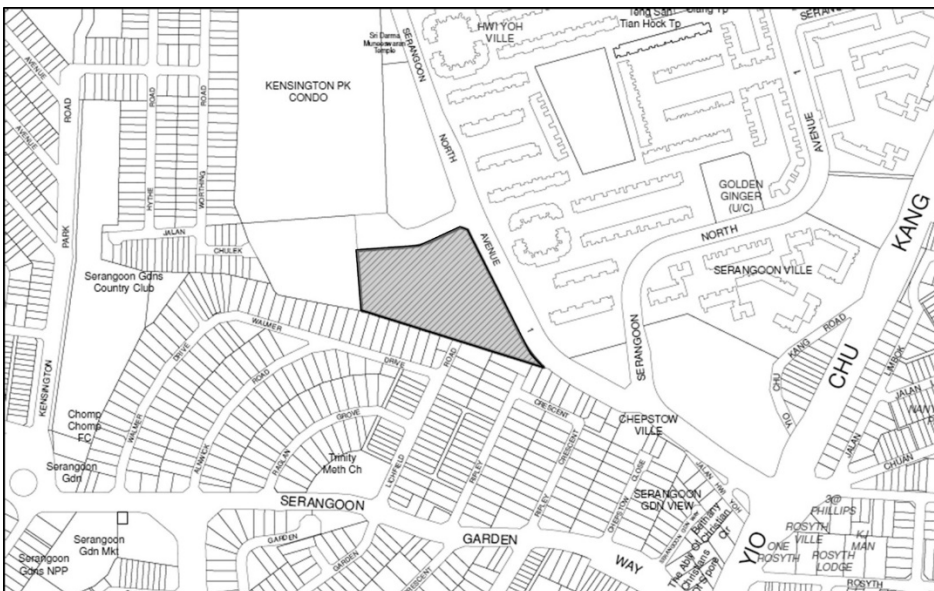
MAP 12



[S 70/2017 wef 28/02/2017]

13. Shaded area in Map 13 at Serangoon North Avenue 1

MAP 13

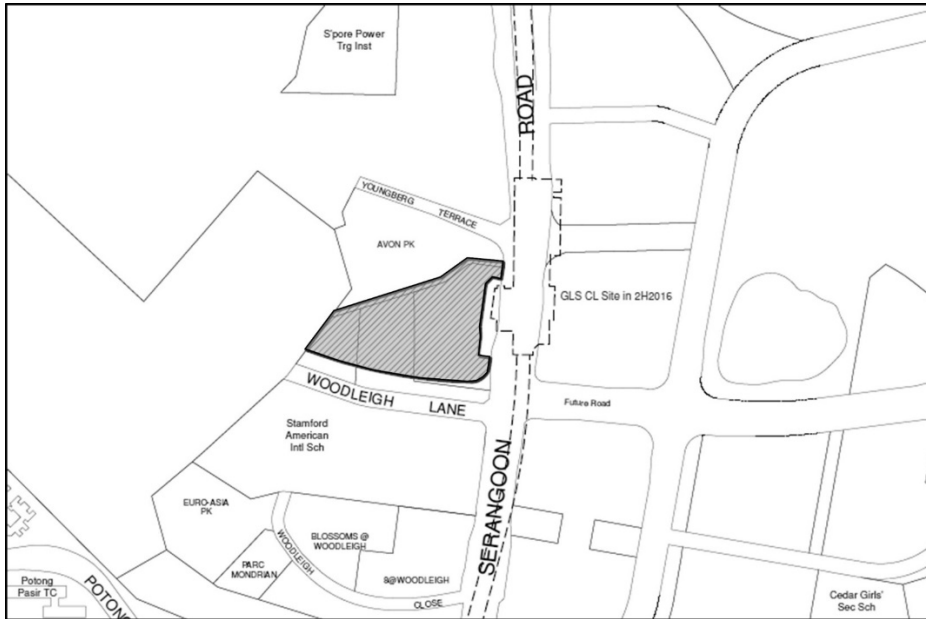


[S 70/2017 wef 28/02/2017]

FIFTH SCHEDULE — *continued*

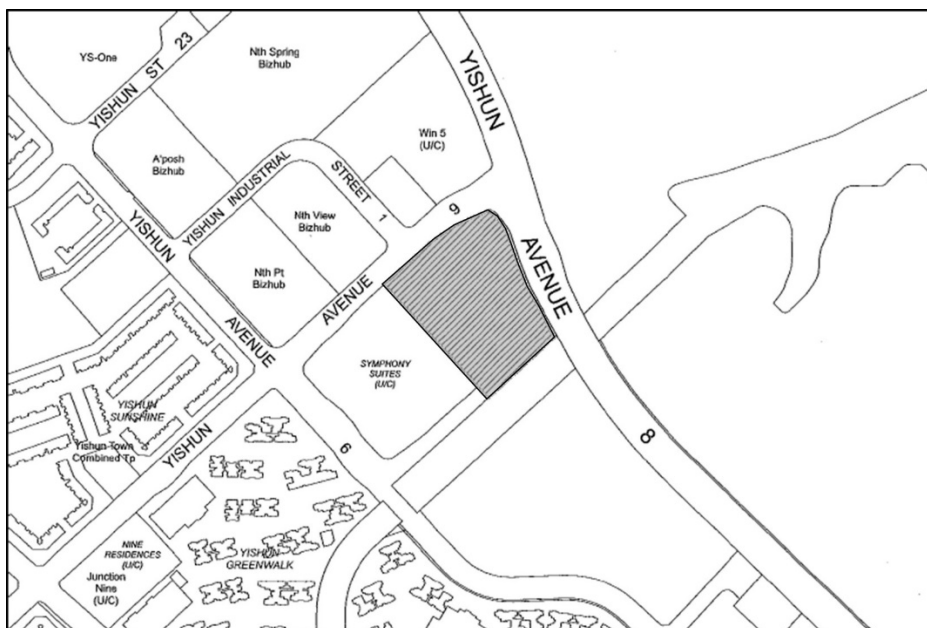
14. Shaded area in Map 14 at Woodleigh Lane

MAP 14

*[S 70/2017 wef 28/02/2017]*

15. Shaded area in Map 15 at Yishun Avenue 9

MAP 15

FIFTH SCHEDULE — *continued*

[S 70/2017 wef 28/02/2017]

## SIXTH SCHEDULE

Regulation 4B(4)(a)

MINIMUM LEVEL OF USE OF  
 PREFABRICATED PREFINISHED VOLUMETRIC CONSTRUCTION  
 FOR BUILDINGS ON LAND SITUATED WITHIN  
 AREA DESCRIBED IN FIFTH SCHEDULE

1. The minimum level of use of prefabricated prefinished volumetric construction shall be 65% of the total super-structural floor area.

[S 729/2014 wef 01/11/2014]

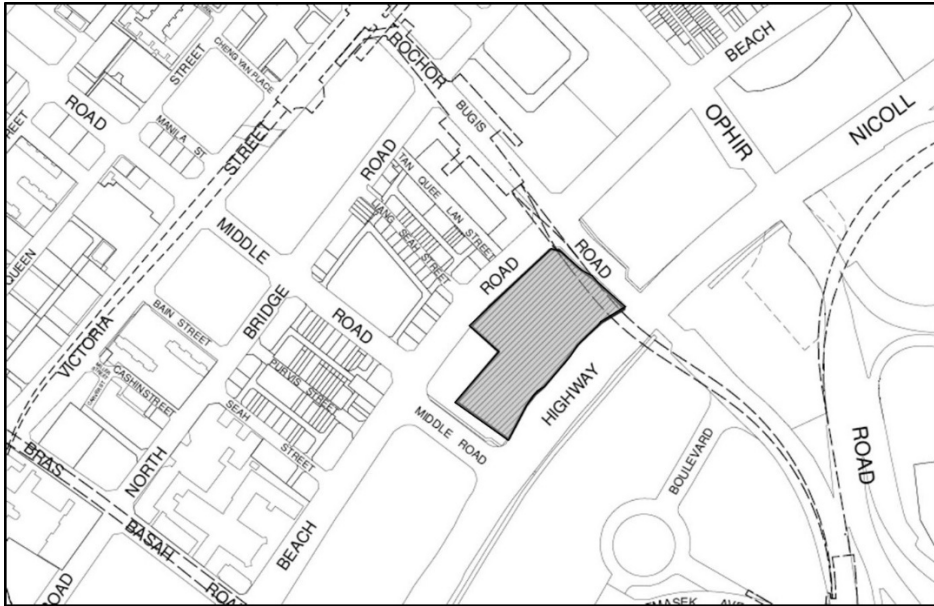
## SEVENTH SCHEDULE

Regulation 4B(5)

1. Shaded area in Map 1 at Beach Road

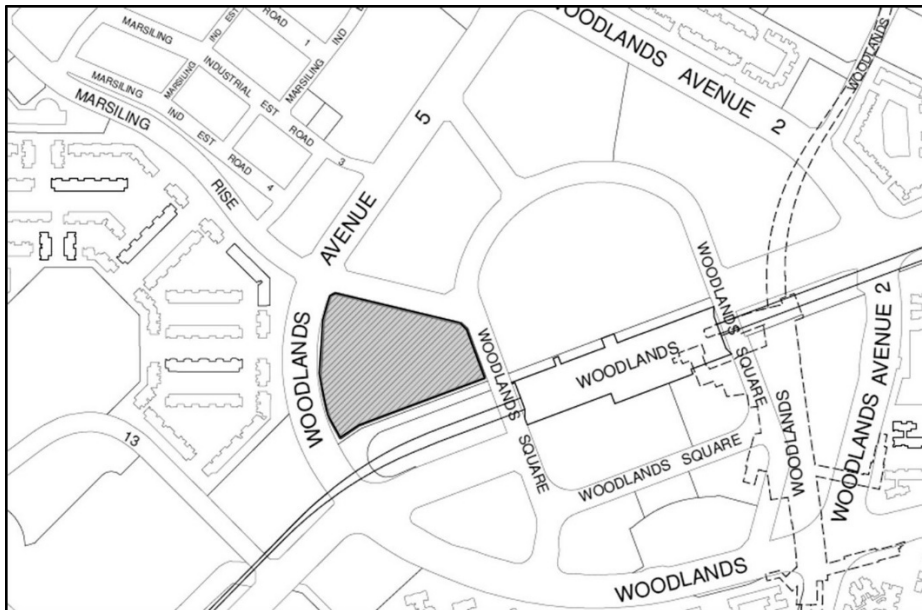
MAP 1

SEVENTH SCHEDULE — *continued*



2. Shaded area in Map 2 at Woodlands Square

MAP 2



[S 70/2017 wef 28/02/2017]

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## EIGHTH SCHEDULE

Regulation 4B(5)

### MINIMUM LEVEL OF USE OF STRUCTURAL STEEL CONSTRUCTION FOR BUILDINGS ON LAND SITUATED WITHIN AREA DESCRIBED IN SEVENTH SCHEDULE

1. The minimum level of use of structural steel construction is 80% of the total office floor area of a building.
2. In paragraph 1, “total office floor area”, in relation to a building, means the total super-structural floor area of the building less any floor area that is not constructed for use as an office.

*[S 70/2017 wef 28/02/2017]*

Made this 13th day of April 2011.

TAN TEE HOW  
*Permanent Secretary,  
Ministry of National Development,  
Singapore.*

[ND202/1-7 Vol. 18; AG/LLRD/SL/29/2011/1 Vol. 1]

(To be presented to Parliament under section 52 of the Building Control Act).