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CIRCULAR TO PROFESSIONAL INSTITUTES

GUIDELINES FOR OUTDOOR SIGNS OUTSIDE THE CENTRAL AREA

Objective

This circular provides details on the guidelines for the display of outdoor signboards and advertisement signs located outside the Central Area. The Guidelines are intended to strike a balance between safeguarding our streetscape from visual clutter and meeting the commercial needs of businesses for advertising space at appropriate locations outside the Central Area.

Effective Date

With effect from 14 September 2009

Who should know

Building owners, Management Corporations, Qualified Persons, Professional Engineers, developers, media companies, advertisers, signboard makers and business operators.

Details of Guidelines

Background

In response to the feedback from the industry, the Urban Redevelopment Authority (URA) has developed a set of more comprehensive guidelines for outdoor signboards and advertisement signs located <u>outside the Central Area</u>. The Building and Construction Authority (BCA) will adopt this set of guidelines when granting licenses for outdoor signage. The aim of the guidelines is to provide clearer requirements on the locations, size and height, as well as the form of signs that can be allowed outside the Central Area. Apart from providing greater clarity and transparency, the Guidelines are intended to strike a balance between safeguarding our streetscape from visual clutter and meeting the commercial needs of businesses for advertising space at appropriate locations outside the Central Area.

GUIDELINES FOR OUTDOOR SIGNS OUTSIDE THE CENTRAL AREA

Advertisement Signs

An advertisement sign refers to any sign used to promote any brand, product, service or event and includes any temporary sign promoting events or activities in the displayed premises for a period of less than 2 months. The display of advertisement signs on the following type of buildings is subject to the guidelines as summarized below. Details are found in Appendix 1.

Buildings Approved for Commercial and Industrial Uses

- a Advertisement signs will continue to be allowed on the building walls of all commercial and industrial buildings located outside the Central Area, subject to the following conditions:
 - i) the aggregate area of all advertisement signs does not exceed 100 sqm per frontage, or 50% of the surface area of the wall as measured up to 30m above the ground level, whichever is smaller; and
 - ii) the top edge of all advertisement signs does not exceed the height of commercial and/or industrial floors, or 30m above the ground level, whichever is lower.

<u>Buildings Approved for Institutional, Sports & Recreation, Health & Medical Care, Bus Terminal/Interchange, MRT/LRT Station Uses</u>

b Buildings approved for civic and community, sports and recreation, health & medical care and education purposes, bus terminals/interchanges and MRT/LRT stations are allowed to display temporary signs promoting events and activities taking place at these premises. However, advertisement signs promoting any goods and services are not allowed at these premises, except on the building walls of approved commercial space within bus terminals/interchanges and MRT/LRT stations.

Petrol Stations

c No advertisement signs are permitted within the premises of a petrol station, except for temporary signs promoting events and activities taking place at the premises, and goods and services that are available at the petrol station. Such temporary signs can be displayed on the building walls and/or structures (e.g. pumps, pillars) within the pumping area under the canopy. However, no sign shall be hung from the roof/ceiling of the canopy or protrude beyond the building wall.

<u>Buildings Approved for Utility, Agriculture-related, MRT/Bus Depot,</u> Residential Uses

d No advertisement signs are permitted at these premises.

Free-standing Advertisement Signs

- 3 No free-standing advertisement signs are permitted at any premises, except for temporary free-standing signs promoting community events and activities taking place at buildings approved for civic and community, sports and recreation, health & medical care and education purposes.
- The guidelines also specify the controls / requirements for the display of other forms of outdoor advertisement signs which include:
 - a Advertisement signs on lamp posts
 - b Marketing signs at construction sites
 - Real estate signs (for the sale or lease of a property / building or land)
 - d Advertisement signs on balloons
 - e Signs on awnings, canopies and blinds
 - f Advertisements on digital screens (e.g. LED, LCD screen)

Signboards

- A signboard refers to any sign for the identification and naming of places, buildings and tenant business names. Signboards will continue to be allowed on all buildings, subject to compliance with specific requirements on size, height and form.
- 6 More details of the guidelines are given in Appendix 1.

Prohibited Signs

The current list of prohibited signs has been retained with updates to make the list clearer and more comprehensive (see Appendix 2). The aim of having the prohibition list is to ensure that these undesirable signs do not mar our streetscape and negatively affect the image of Singapore as an attractive city. The prohibited signs are applicable to locations both outside and within the Central Area.

TRANSITION PERIOD FOR IMPLEMENTATION OF GUIDELINES

The new guidelines shall apply with immediate effect to all license applications received by BCA on or after 14 September 2009 for display of new signboards and advertisement signs located outside the Central Area. However, to give owners of existing signs sufficient time to make changes to their signs to comply with the new guidelines, the licenses for existing signboards and advertisement signs will be allowed one renewal for a maximum period of 12 months even if these existing signs do not

comply with the new guidelines, provided that they meet the following requirements:

- a The existing sign has a valid license expiring on or before 13 March 2010; and
- b The application for license renewal for the existing sign must be received by BCA on or before 20 March 2010.

Submission Requirements

- Planning permission from URA is not required for putting up outdoor signboards and advertisement signs. Applications to display these signs are to be made to Advertisement Licensing Department, Building and Construction Authority (BCA), prior to the installation of the signs. For any signs located on gazetted conservation buildings or National Monuments, clearance from Conservation Department, URA is also required before applications are made to BCA.
- Submissions must be made in full compliance with the provisions of the Building Control (Advertisement) Regulations, the Building Control (Temporary Buildings) Regulations and the Guidelines for Outdoor Signs outside the Central Area. Please refer to BCA's Website for the details of submission requirements.
- 11 BCA, URA and the relevant Government agencies reserve the right, in their absolute discretion, to reject or refuse any application for the display of an outdoor sign where it considers the overall objectives of the Guidelines are not met or where the proposal is contrary to the broader objectives of the planning intention for the area.
- Please convey the contents of this circular to the relevant members of your organization. The same set of guidelines is also available at BCA's website. If you or your members have any enquiry concerning this circular, please do not hesitate to call URA's DCG Enquiry Line at Tel: 6223 4811 (email: ura_dcd@ura.gov.sg) or BCA's Enquiry Line at Tel: 1800 DIAL-BCA (342-5222) (email: bca_adv_lic@bca.gov.sg). We would be pleased to answer them.

Thank you.

Ms Hwang Yu-Ning Group Director Physical Planning Urban Redevelopment Authority Mr Chin Chi Leong
Director
Building Plan & Management Division
Building and Construction Authority

GUIDELINES FOR OUTDOOR SIGNS OUTSIDE THE CENTRAL AREA

INTRODUCTION

The Guidelines comprise a set of comprehensive and consolidated requirements for outdoor signboards and advertisement signs located outside the Central Area. They stipulate the requirements of type, size, height, location and form of signs that are allowed, based on the approved use of the building/premises where a sign is displayed. For example, while business signboards or signs for identification purposes are generally allowed on all buildings, advertisement signs are permitted only at business premises (i.e. commercial, industrial buildings). In addition, temporary signs for events or activities taking place at the premises where the sign is displayed are generally allowed at most premises.

The Guidelines also set out the list of signs that are prohibited. The list aims to act as a safeguard against the proliferation of signs which will have a negative visual impact on the living environment and mar the streetscape. The prohibited signs are applicable to locations both outside and within the Central Area.

Developed following industry feedback for greater clarity and transparency, these Guidelines aim to balance the commercial needs of businesses for advertising space at appropriate locations outside the Central Area while meeting the need to protect the image and quality of the living environment and minimise visual clutter.

Important Notes

Below are some important points for the users of the guidelines to note:

Type of Sign

1. Signs stated in the guidelines refer to both illuminated and non-illuminated static signs, unless otherwise stated.

Location of Sign

 All signboards and advertisement signs are to be wholly located within the boundary of property / development. No part of a signboard or an advertisement sign shall be located over or on a public street, except those specifically permitted by the authorities.

Signs Not Meeting Requirements

3. Where a particular sign does not meet the requirements on size, mounting height, quantity or location, and is not prohibited, an application for a waiver may be submitted to Advertisement Licensing Department, Building and Construction Authority (BCA) for consideration. In assessing the waiver application, factors that will be taken into consideration include the sign's intended location and the visual impact on the surrounding uses. A license will not be issued to any sign which does not meet the requirements as stated in the guidelines, unless a waiver has been obtained.

Signs on Conserved Buildings or National Monuments

4. Planning permission from URA is not required for putting up outdoor signboards and advertisement signs. However, clearance from Conservation Department, URA, is required for signs that are located on gazetted conservation buildings or National Monuments, before applications for license are made to the Building and Construction Authority (BCA).

Others

5. BCA, URA and the relevant Government agencies reserve the right, in its absolute discretion, to reject or refuse any application for the display of an outdoor sign where it considers the overall objectives of the Guidelines are not met or where the proposal is contrary to the broader objectives of the planning intention for the area.

A) ADVERTISMENT SIGNS

An advertisement sign refers to any sign used to promote any brand, product, service or event and includes any temporary sign promoting events or activities in the displayed premises. The maximum display period for each temporary sign is 2 calendar months.

Please refer to <u>Building Control (Outdoor Advertising) Regulations</u> for a full definition of Advertisement in the context of the guidelines.

i) Advertisement Sign On Building Wall and Boundary Wall / Fence

Approved Use of Development

Depending on the approved use of the development where an advertisement sign is displayed, the requirements as shown in Table 1 below are to be adhered to for the display of advertisement signs that are mounted on building walls and boundary walls / fence.

The approved use of the development is categorised based on the primary use approved for the development where the advertisement sign is displayed. For example, a development approved for a recreation club as a primary use, with supporting commercial uses, is considered as a Sports & Recreation development.

Mixed-Use Development

In the case of mixed-use development, a sign is governed by the requirements based on the particular approved use of the floors/buildings where the sign is displayed. For example, signs on the building walls of commercial floors of a mixed-use development are governed by the requirements for commercial developments, and signs on the building walls of residential floors are governed by the requirements for residential developments.

TABLE 1

ADVERTISEMENT SIGNS ON BUILDING WALL AND BOUNDARY WALL / FENCE		
NO.	APPROVED USE* OF DEVELOPMENT (*-Please refer to Table 4)	REQUIREMENTS
1	Commercial	On Building Wall Advertisement signs are permitted to be displayed on building walls of commercial developments, subject to the following conditions: Size The aggregate area of all advertisement signs

(including temporary signs) shall not exceed the following, whichever is smaller:

- a) 100 sqm for each frontage facing public street or adjoining site (see Diagram A); or
- b) 50% of the surface area of the wall as measured up to the height of commercial floors or 30m above the ground level.

Mounting height

The top edge of all advertisement signs does not exceed the height of commercial floors or 30m above the ground level, whichever is lower.

If the building is a Commercial-Residential development, only advertisement signs are permitted to be displayed on building walls of commercial floors, subject to the same conditions as stipulated above. No advertisement signs will be allowed on the Residential floors.

On Boundary Wall / Fence

 No advertisement signs (including all temporary signs) are permitted on the boundary wall, fence or retaining wall.

Industrial (including developments approved for Business-White. **Business Park and**

Business Park-

White uses)

2

On Building Wall

 Advertisement signs are permitted to displayed on building walls of industrial developments, subject to the following conditions:

<u>S</u>ize

The aggregate area of all advertisement signs (including temporary signs) shall not exceed the following, whichever is smaller:

- a) 100 sqm for each frontage facing public street or adjoining site (see Diagram A); or
- b) 50% of the surface area of the wall as measured up to the height of industrial floors or 30m above the ground level.

Mounting height

The top edge of all advertisement signs does not exceed the height of industrial floors or 30m above the ground level, whichever is lower.

On Boundary Wall / Fence

	 No advertisement signs are permitted, except for temporary signs promoting events and activities taking place at the premises where the signs are displayed. The display of permissible signs above are subject to the following conditions: Size The aggregate area of all temporary signs mounted on the boundary wall / fence does not exceed 30 sqm per development. Mounting height The top edge of all temporary signs does not exceed the height of boundary wall / fence. No advertisement signs (including all temporary signs) are permitted on retaining walls which are
	not boundary walls.
Civic & Community institutions Sports & Recreation Health & Medical Care Educational Institution	 On Building Wall No advertisement signs are permitted, except for temporary signs promoting events and activities taking place at the premises where the signs are displayed. The display of permissible signs above are subject to the following conditions: Size The aggregate area of all temporary signs does not exceed the following, whichever is smaller:

■ The display of permissible signs above are subject to the following conditions:

Size

The aggregate area of all temporary signs mounted on the boundary wall / fence does not exceed 30 sqm per development.

Mounting height

The top edge of all temporary signs does not exceed the height of boundary wall / fence.

 No advertisement signs (including all temporary signs) are permitted on retaining walls which are not boundary walls.

Bus Terminal / Interchange

• MRT / LRT station

For advertising guidelines at bus shelters, please refer to Advertisement Guidelines at Bus Shelters available at BCA's website.

On Building Wall

- No advertisement signs are permitted, except for temporary signs promoting events and activities taking place at the premises where the signs are displayed.
- Advertisement signs promoting goods and services that are available at the shops located within these developments are permitted if such signs are displayed on the building walls of approved commercial space within the bus terminals/interchanges and MRT/LRT stations.
- The display of permissible signs above are subject to the following conditions:

<u>Size</u>

The aggregate area of all advertisement signs (including temporary signs) does not exceed the following, whichever is smaller:

- a) 100 sqm per development; or
- b) 50% of the surface area of the wall as measured up to the height of commercial floors or 30m above the ground level.

Mounting height

The top edge of all advertisement signs (including temporary signs) does not exceed the height of commercial floors or 30m above the ground level, whichever is lower.

On Boundary Wall / Fence

 On Building Wall No advertisement signs are permitted, except for temporary signs promoting events and activities
taking place or goods and services that are available at the premises where the signs are displayed.
The permissible temporary signs above can be displayed on the building walls and/or structures (e.g. pumps, pillars) within the pumping area under the canopy. However, no sign shall be hung from the roof/ceiling of the canopy or protrude beyond the building wall.
Size The aggregate area of all temporary signs does not exceed 30 sqm per petrol station.
 On Boundary Wall / Fence No advertisement signs (including all temporary signs) are permitted on the boundary wall, fence or retaining wall.
 On Building Wall & Boundary Wall / Fence No advertisement signs (including all temporary signs) are permitted on the building wall, boundary wall, fence or retaining wall.
(

ii) Other Types of Advertisement Signs

The guidelines below are applicable to advertisement signs (including temporary signs) located within any developments, regardless of the uses (e.g. commercial, industrial, institutional, sport & recreational), unless otherwise stated.

TABLE 2

	OTHER TYPES OF ADVERTISMENT SIGNS	
NO.	TYPE OF ADVERTISEMENT SIGN	REQUIREMENTS
1	Free-standing advertisement signs	■ No free-standing advertisement signs are permitted for display, except for the following: i) Temporary free-standing signs promoting community events and activities taking place at the premises of the following developments where the signs are displayed: ○ Civic & Community institutions ○ Sport & Recreation ○ Health & Medical Care ○ Educational Institution The name / details of the event or activity and supporting graphics / pictures of the event must be the predominant component (more than 50%) of the sign. While such temporary signs are not allowed to advertise sponsors' products, the acknowledgement of the sponsorship in the form of sponsor names and logos can be allowed. ii) Integrated advertising panels at bus shelters approved for such purposes. Please refer to Advertisement Guidelines at Bus Shelters for details.



- Temporary signs are permitted on lamp posts located within the development boundary. However, these signs can only be used for the publicity of events and activities taking place at the development where the lamp posts are located, subject to the following conditions:
 - i) signs on lamp posts are required to be mounted individually on each lamp post and are not permitted to be displayed between two lamp posts or across multiple lamp posts;
 - ii) each lamp post can carry one set of banners which can either be single or double-sided:
 - iii) these signs must not be larger than 2 sqm each; and
 - iv) the following information is to be clearly indicated on the signs:
 - The name of the event
 - The date / duration of the event
 - The venue of the event
- For temporary signs mounted on public street lamp posts, they are subject to compliance with the Singapore Tourism Board (STB) and Land Transport Authority (LTA) prevailing guidelines for the use of street lamp posts. These signs are only allowed to be used for the display of national or tourism-related events and activities.

3 Signs at Construction Sites

- Project information and marketing signs for the on-site development only are permitted on the construction hoardings at development sites. The display of commercial advertisements promoting goods and services or information on other development projects is not permitted.
- The height of signs on construction hoardings shall not exceed 3m from the ground level in general. To allow some articulations of design, a specific portion of such signs on construction hoardings can be allowed up to 3m wide and 6m high from the ground level.
- Bunting (flag-like signs) signs mounted on freestanding posts are permitted subject to the following conditions:
 - i) a maximum size of 2 sqm per sign;
 - ii) a maximum height of 6m from the ground level;
 - iii) a minimum distance of 10m between any two bunting signs; and
 - iv) to be integrated with or erected along construction hoardings.

4 Real Estate Signs

- A real estate sign refers to any sign that pertains to the sale, lease or rental of a plot of land, property or building. Such signs are permitted at developments approved for commercial and industrial uses, subject to the same requirements for advertisement signs at these developments as shown in Table 1 – items 1 and 2.
- For non-commercial or non-industrial developments, real estate signs are permitted only at the properties to which the signs pertain. They are to be mounted on the building walls or boundary walls / fence, subject to the following conditions:
 - i) one sign per development;
 - ii) a maximum size of 2 sqm per sign; and
 - iii) the sign should be removed within 14 days of the sale, rental or lease of the property advertised.
- In the case of vacant land where there is no building or permanent structure for the mounting of signs, free-standing signs pertaining to the sale or lease of the vacant land are permitted, subject to the following conditions:
 - i) one sign per site;
 - ii) a maximum size of 10 sqm per sign;
 - iii) a maximum height of 3 m from the ground level; and
 - iii) the sign should be removed within 14 days of the sale, rental or lease of the property advertised.

5	Balloon Signs	 Advertisements on balloons are permitted, provided that they are for promoting events and activities taking place at the premises where the balloons are displayed, subject to the following conditions: i) the balloon sign does not exceed 3m in diameter; and ii) the clearance of relevant authorities (e.g. CAAS, DSTA)
		 Balloon signs displayed at the premises of Civic & Community Institutions and Petrol Stations are subject to case-by-case assessments and approval.
6	Signs located on awnings, canopies and blinds	Whilst business signs can be supported on awnings, canopies and blinds etc., commercial product advertisements are strictly not allowed. If sponsorship logos are incorporated together with the building / tenant name sign, the size of the sponsor's logo shall not exceed 2sqm or one- third of the overall surface area of the awnings, canopies and blinds, whichever is smaller.
7	Advertisements On Digital Screens (e.g. LED, LCD screen)	 Advertisements on digital screens will be considered only at locations where static advertisement signs are permitted, and where the display of such digital screens would not adversely affect the amenity of the nearby residents or create visual clutter along the streetscape. All proposals to display advertisements on outdoor digital screens are to be assessed on a case-by-case basis.

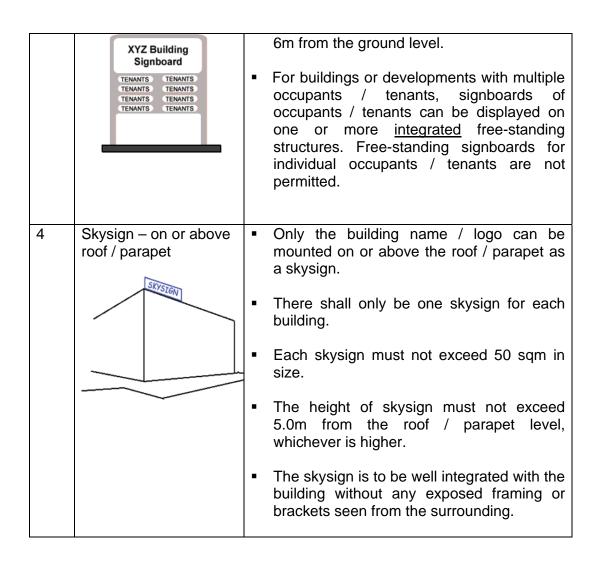
B) SIGNBOARDS

A signboard refers to any sign for the identification and naming of places, buildings and tenant business names. Please refer to <u>Building Control (Outdoor Advertising) Regulations</u> for a full definition of Signboard in the context of the guidelines.

The guidelines below are applicable to all signboards, regardless of the uses (e.g. commercial, industrial, institutional, sport & recreational, residential) of the places / buildings where the signboards are displayed.

TABLE 3

		SIGNBOARDS
NO.	TYPE / LOCATION OF SIGNBOARD	REQUIREMENTS
1	On Building Wall	 Signboards can be mounted at any location on the building walls but must be appropriately sized and placed such that they relate well with the scale and design of the building architecture.
2	On Boundary Wall / Fence	 Each signboard must not exceed 15 sqm in size.
		The aggregate area of all signboards mounted on boundary wall / fence must not exceed 30 sqm per development.
	516 BOARD	The height of signboards must not exceed the height of boundary wall /fence.
3	Free-standing Signboard	 Each signboard must not exceed 15 sqm in size.
	SIGNBOARD	■ The aggregate area of all free-standing signboards must not exceed 30 sqm per development. For petrol stations, the aggregate area of all free-standing signboards must not exceed 15 sqm per petrol station.
		The height of signboards must not exceed



PROHIBITED SIGNS

The following signs are prohibited for locations both within and outside the Central Area:

- (i) Signboards and advertisement signs which are illuminated by means of flickering, flashing and running lights except along Orchard Road, Bras Basah/Bugis and Chinatown (New Bridge Road / Eu Tong Sen Street) Please refer to URA website at http://www.ura.gov.sg under circular No. URA/PB/2001/23-CUDD for the boundary of these areas.
- (ii) Advertisement signs on free standing structures promoting any brands, products, goods or services.
- (iii) Advertisement signs on buildings above the roof or roof parapet level.
- (iv) Advertisement signs on public infrastructure and their ancillary structures e.g, entrance & exit structures to Rapid Transit System stations and underpasses, MRT viaduct columns and kiosks.
- (v) Advertisement signs on residential buildings and residential component of mixed-use buildings.
- (vi) Advertisement signs located within or in the vicinity of the boundary of airports and airbases.
- (vii) Advertisement signs located over or within any public streets, which include expressways, flyovers, bridges, railings, central median dividers, traffic islands; and on trees or bushes.
- (viii) Advertisements within water catchment areas, public open spaces, nature reserves, waterbodies, along coastlines; and on vacant land.

TABLE 4 - Examples Of Development By Use

1 Commercial Shopping centre, office building, hotel, restaurant, food centre, cinema. 2 Industrial Industrial building, factory, warehouse, business park, science park 3 Civic & Community Institutions: courts, police station/division HQ, fire station, prison, drug rehabilitation centre/halfway house, reformative centre Community Institutions: association premises, community centre/club, community hall, welfare home, child care centre, student care centre, home for the aged, home for the disabled, funeral parlour. Place of Worship: church, mosque, temple Cultural Institutions: television/filming studio complex, performing arts centre, library, museum, arts centre/science centre, concert hall 4 Sports & Sports complex, indoor stadium, swimming complex, golf course, golf driving range, recreation club, campsite, chalet, marina, water sports centre, outward bound school, theme park. 5 Health & Medical care 6 Educational Institution primary school, secondary school, junior college, institute of technical education, polytechnic, university, sport school, religious school/institute, foreign school, special education school (e.g. school for the disabled) 7 Utility Electric substation, power station, incineration plant, service reservoir, water pump house, sewerage pumping house, water reclamation plant, desalination plant, transmitting station/receiving station, earth satellite station 8 Agriculture-related Agrotechnology park, aquaculture farm, plant nursery, hydroponics farm, agriculture research/experimental station.	S/N	Use of	Examples
food centre, cinema. Industrial building, factory, warehouse, business park, science park Civic & Community Institutions: courts, police station/division HQ, fire station, prison, drug rehabilitation centre/halfway house, reformative centre Community Institutions: association premises, community centre/club, community hall, welfare home, child care centre, student care centre, home for the aged, home for the disabled, funeral parlour. Place of Worship: church, mosque, temple Cultural Institutions: television/filming studio complex, performing arts centre, library, museum, arts centre/science centre, concert hall Sports Recreation Sports complex, indoor stadium, swimming complex, golf course, golf driving range, recreation club, campsite, chalet, marina, water sports centre, outward bound school, theme park. Health & Medical care Health & Medical primary school, secondary school, junior college, institute of technical education, polytechnic, university, sport school, religious school/institute, foreign school, special education school (e.g. school for the disabled) Utility Electric substation, power station, incineration plant, service reservoir, water pump house, sewerage pumping house, water reclamation plant, desalination plant, transmitting station/receiving station, earth satellite station Agriculture-related Agriculture-related Agrotechnology park, aquaculture farm, plant nursery, hydroponics farm, agriculture research/experimental station.		Developments	
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Institution HQ, fire station, prison, drug rehabilitation centre/halfway house, reformative centre Community Institutions: association premises, community centre/club, community hall, welfare home, child care centre, student care centre, home for the aged, home for the disabled, funeral parlour. Place of Worship: church, mosque, temple Cultural Institutions: television/filming studio complex, performing arts centre, library, museum, arts centre/science centre, concert hall Sports Recreation Sports complex, indoor stadium, swimming complex, golf course, golf driving range, recreation club, campsite, chalet, marina, water sports centre, outward bound school, theme park. Health & Medical care Health & Medical care Fiducational Institution primary school, secondary school, junior college, institute of technical education, polytechnic, university, sport school, religious school/institute, foreign school, special education school (e.g. school for the disabled) Utility Electric substation, power station, incineration plant, service reservoir, water pump house, sewerage pumping house, water reclamation plant, desalination plant, transmitting station/receiving station, earth satellite station Agriculture-related Agrotechnology park, aquaculture farm, plant nursery, hydroponics farm, agriculture research/experimental station.	2	Industrial	· · · · · · · · · · · · · · · · · · ·
community centre/club, community hall, welfare home, child care centre, student care centre, home for the aged, home for the disabled, funeral parlour. Place of Worship: church, mosque, temple Cultural Institutions: television/filming studio complex, performing arts centre, library, museum, arts centre/science centre, concert hall 4 Sports Recreation Sports complex, indoor stadium, swimming complex, golf course, golf driving range, recreation club, campsite, chalet, marina, water sports centre, outward bound school, theme park. Health & Medical care hospital, polyclinic, nursing home Educational primary school, secondary school, junior college, institute of technical education, polytechnic, university, sport school, religious school/institute, foreign school, special education school (e.g. school for the disabled) Utility Electric substation, power station, incineration plant, service reservoir, water pump house, sewerage pumping house, water reclamation plant, desalination plant, transmitting station/receiving station, earth satellite station Agrotechnology park, aquaculture farm, plant nursery, hydroponics farm, agriculture research/experimental station.	3		HQ, fire station, prison, drug rehabilitation
Cultural Institutions: television/filming studio complex, performing arts centre, library, museum, arts centre/science centre, concert hall 4 Sports & Sports complex, indoor stadium, swimming complex, golf course, golf driving range, recreation club, campsite, chalet, marina, water sports centre, outward bound school, theme park. 5 Health & Medical care 6 Educational Institution primary school, secondary school, junior college, institute of technical education, polytechnic, university, sport school, religious school/institute, foreign school, special education school (e.g. school for the disabled) 7 Utility Electric substation, power station, incineration plant, service reservoir, water pump house, sewerage pumping house, water reclamation plant, desalination plant, transmitting station/receiving station, earth satellite station 8 Agriculture-related Agrotechnology park, aquaculture farm, plant nursery, hydroponics farm, agriculture research/experimental station.			community centre/club, community hall, welfare home, child care centre, student care centre, home for the aged, home for the disabled, funeral
complex, performing arts centre, library, museum, arts centre/science centre, concert hall 4 Sports & Sports complex, indoor stadium, swimming complex, golf course, golf driving range, recreation club, campsite, chalet, marina, water sports centre, outward bound school, theme park. 5 Health & Medical care 6 Educational primary school, secondary school, junior college, institute of technical education, polytechnic, university, sport school, religious school/institute, foreign school, special education school (e.g. school for the disabled) 7 Utility Electric substation, power station, incineration plant, service reservoir, water pump house, sewerage pumping house, water reclamation plant, desalination plant, transmitting station/receiving station, earth satellite station 8 Agriculture-related Agrotechnology park, aquaculture farm, plant nursery, hydroponics farm, agriculture research/experimental station.			Place of Worship: church, mosque, temple
Recreation complex, golf course, golf driving range, recreation club, campsite, chalet, marina, water sports centre, outward bound school, theme park. Health & Medical hospital, polyclinic, nursing home care primary school, secondary school, junior college, institute of technical education, polytechnic, university, sport school, religious school/institute, foreign school, special education school (e.g. school for the disabled) Utility Electric substation, power station, incineration plant, service reservoir, water pump house, sewerage pumping house, water reclamation plant, desalination plant, transmitting station/receiving station, earth satellite station Agriculture-related Agrotechnology park, aquaculture farm, plant nursery, hydroponics farm, agriculture research/experimental station.			complex, performing arts centre, library, museum,
6 Educational primary school, secondary school, junior college, institute of technical education, polytechnic, university, sport school, religious school/institute, foreign school, special education school (e.g. school for the disabled) 7 Utility Electric substation, power station, incineration plant, service reservoir, water pump house, sewerage pumping house, water reclamation plant, desalination plant, transmitting station/receiving station, earth satellite station 8 Agriculture-related Agrotechnology park, aquaculture farm, plant nursery, hydroponics farm, agriculture research/experimental station.	4		complex, golf course, golf driving range, recreation club, campsite, chalet, marina, water sports
Institution institute of technical education, polytechnic, university, sport school, religious school/institute, foreign school, special education school (e.g. school for the disabled) Utility Electric substation, power station, incineration plant, service reservoir, water pump house, sewerage pumping house, water reclamation plant, desalination plant, transmitting station/receiving station, earth satellite station Agriculture-related Agrotechnology park, aquaculture farm, plant nursery, hydroponics farm, agriculture research/experimental station.	5		hospital, polyclinic, nursing home
plant, service reservoir, water pump house, sewerage pumping house, water reclamation plant, desalination plant, transmitting station/receiving station, earth satellite station 8 Agriculture-related Agrotechnology park, aquaculture farm, plant nursery, hydroponics farm, agriculture research/experimental station.	6		institute of technical education, polytechnic, university, sport school, religious school/institute, foreign school, special education school (e.g.
nursery, hydroponics farm, agriculture research/experimental station.	7	Utility	plant, service reservoir, water pump house, sewerage pumping house, water reclamation plant, desalination plant, transmitting
9 Residential Flats condominium landed house	8	Agriculture-related	nursery, hydroponics farm, agriculture
	9	Residential	Flats, condominium, landed house.

Diagram A

