



# Electronic Submission Standard

## APPENDIX B II

Version 2.3

Layering and  
Colouring Scheme

## 1 Common Rules for Preparing AutoCAD Drawings

1. All Building application drawings must be saved in DXF Format - AutoCAD MAP 5 and below.
2. Applicants should make sure that boundaries of all polygons are properly closed but will not create the closed polylines or polygons in the boundary layer itself. Closed polylines or polygons should be created in 'Parcel\_poly' layer only. To perform QC, it is highly recommended that applicants use AutoCAD Map Ver 5.0, which is very useful and saves time.
3. Applicants are fully responsible for accuracy of the information and will also make sure that information given in these plans are in sync with the alphanumeric data recorded through the application software provided for submission.
4. All the measurements are to be indicated in meters (Metric System).
5. While preparing the AutoCAD drawings, only the following types of elements can be used:
  - i) Point, line, polyline, single text, circle, arc or symbol.
  - ii) Complex objects must not be used in AutoCAD drawing.
  - iii) The polyline will consist of only lines and not other types of elements such as arc.
6. Putrajaya Grid system of projection will be used for mapping.
7. All the drawings/plans must use (400000, 315000) as the lower left and (420000, 335000) as the upper right co-ordinate. All drawings must use real world Cartesian co-ordinates as per Putrajaya Grid system and should be within the co-ordinates specified above.
8. All specified objects must be break/create node/intersect at the precinct boundary.
9. The elements that are completely inside the precinct boundary should be structured according to the layers given in the respective section. All elements outside the precinct boundary (for reference purpose only) should be shifted to 'Outside\_bound' layer for easy transfer to database. The elements in 'Outside\_bound' layer may include location plan, legend, roads outside the precinct boundary, lots references outside the precinct boundary etc.
10. If the same type of elements/objects crosses each other, the elements must be break/create node at the intersection point.
11. For graphic text, use a single line text. Do not use multi-line text
12. For graphic text the following should be adopted.
  - i) Font Type - Arial
  - ii) Font Size - 10mm height
  - iii) All text in the drawings should be Left Bottom justification.

## 2 Building Plan Submission

The following plans should be prepared before submitting the Building Plan of Building Application.

### 2.1 Building Layout Site Plan

The following Component will be stored in the respective layers for Building Layout Site Plan:

Feature Name	Layer Name	Element Type/ Line Type/ Thickness	Colour
Lot boundary (pre-comp boundary)	Lot_bound	line (ISO dash double dot, 0.50mm)	White (7)
Lot number (PT no.)	Lot_no	Text (2.5)	White (7)
Lot boundary reading (bearings & distance, arrow line (if any))	Lot_bound_rdg	Text (3.5), Line	White (7)
EB Submission boundary	Submn_poly	closed Polyline	Red (20)
EB Submission identifier	Submn_bound_id	Text (6)	Red (20)
Sub parcel land use	Sub_parcel_poly	Closed Polyline	Cyan (132)
Sub parcel number	Sub_parcel_no	Text (6)	Cyan (132)
Building setback	Bldg_setback	Closed Polyline (ISO dash)	Red (14)
Sub parcel internal land use	Subp_ele_poly	Closed Polyline	Blue (172)
Sub parcel internal land use hatch	Subp_ele_hatch	Hatch	Inner element colour
Sub parcel internal details	Subp_ele_inter_detl	Line, Pline, Text	Green (80)
Sub parcel building number	Subp_bldg_no	Text (6)	Blue (172)
Retaining wall line	Retn_wall_line	Line	Blue (180)
Building Name	Bldg_name	Text (6)	White (255)
Ground Floor Plan	Grd_floor_pln	Closed Polyline	Red (20)
Roof outline	Bldg_roof_outline	Line	Red (20)
Sewerage Pipe / Manhole	Sew_man_line	Line / Closed polyline	Red (20)
Drainage / Sump	Drain_line	Line / Closed polyline	Blue (140)
Water Pipe	Wtr_pipe	Line	Blue (150)
Gas Pipe	Gas_pipe	Line	Greenish Blue (120)
Power Line (TNB)	Power_line	Line	Pink (231)
Telekom Line	Telekom_line	Line	Blue (5)
Platform level	Platform_level	Text (6)	White (7)

Text <ul style="list-style-type: none"> <li>▪ Area</li> <li>▪ Dimensions (building line, building setback, roof line setback)</li> <li>▪ Building setback</li> <li>▪ Road width</li> <li>▪ Others</li> </ul>	Site_plan_txt	Text (6), line	White (7)
Planning control symbols <ul style="list-style-type: none"> <li>▪ Access to parcel</li> <li>▪ Others</li> </ul>	Planng_ctl_sym	Symbol (outline only)	White (7)
Key plan	Out_key_plan	Line, Arc, Text	Appropriate colours
Location Plan	Out_location_plan	Line, Arc, Text	Appropriate colours
Legend & table	Out_legend	Text, Line	Appropriate colours
Elements outside the boundary <ul style="list-style-type: none"> <li>▪ Title block space for endorsement</li> <li>▪ Co-ordinates reading (Putrajaya co-ordinates)</li> <li>▪ Surrounding lots (Cadastral lot / approved pre-comp)</li> <li>▪ Lot boundaries</li> <li>▪ Lot number</li> <li>▪ Lot boundary readings</li> <li>▪ Others</li> </ul>	Out_bound	Text, Line	Appropriate colours

The following points should be taken into account while preparing the 'Building Layout Site Plan' application:

1. Elements related to lots should be placed in their respective layers.
2. Lot boundary (pre-comp boundary) should be placed in the 'Lot\_bound' layer and the linetype will be ISO dash double dot with 0.50mm thickness.
3. The lot numbers (PT. no) should be placed in the 'Lot\_no' layer and within the respective lot boundaries.
4. Bearings and distance reading text for lot lines should be break/create note into two and stated within a tolerance of 5m from the middle point of the line in the layer 'Lot\_bound\_rdg'.
5. Bearings text in the form 120° 25'22" should be placed above or to the left of the line. Where ° is degree, ' is minute and " is the second symbol. Orientation of text is adjustable but part of the text should be within a tolerance stated above.
6. Distance text in the form xxxxxx.xxxx should be placed below or to the right of the line. The measurement unit is in metre and may be placed optionally next to the distance text. Orientation of text is adjustable but part of the text should be within a tolerance stated above.
7. In cases where the edge is too short to place the text, a leader line (or a non closed polyline) can be placed originating from the middle point of the line. The bearings and distance text can be placed at the other end of the leader line within a tolerance of 5m and following the rules as above. This leader line is placed in the layer 'Lot\_bound\_rdg'.
8. Create EB Submission boundary in the 'Submn\_poly' layer.

9. EB submission identifier (e.g. P09-01 - Sub Area 1 of Precinct 9) should be placed in the 'Submn\_bound\_id' layer within submission boundary.
10. Sub parcel land use should be placed in the 'Sub\_parcel\_poly' layer.
11. Sub parcel number (normally increased sequentially) should be placed in the layer 'Sub\_parcel\_no' and should be within the sub parcel boundary.
12. Building setback should be placed in layer 'Bldg\_setback' and the linetype will be ISO dash.
13. The detailed elements of sub parcels internal land use should be placed in the 'Subp\_ele\_poly' layer. Each elements should be represented by a clean boundary.
14. Sub parcel internal land use hatch should be created in the 'Subp\_ele\_hatch' layer.
15. The sub parcel internal details of the elements/objects (e.g. 'tennis court lines') should be placed in 'Subp\_ele\_inter\_detl'.
16. Sub parcel building number should be placed in the 'Subp\_bldg\_no' layer.
17. Retaining wall line should be placed in the 'Retn\_wall\_line' layer.
18. Building Name text should be placed in the 'Bldg\_name' layer.
19. Detailed elements of ground floor plan should be placed in the 'Grd\_floor\_pln' layer.
20. Roof outline should be placed in the 'Bldg\_roof\_outline' layer.
21. Sewerage pipe line and manhole should be placed in the 'Sew\_man\_line' layer.
22. Drainage line and sump should be placed in the 'Drain\_line' layer.
23. Water pipe line should be placed in the 'Wtr\_pipe' layer.
24. Gas pipe line should be placed in the 'Gas\_pipe' layer.
25. Power line should be placed in the 'Power\_line' layer.
26. Telekom line should be placed in the 'Telekom\_line' layer.
27. All Platform level text should be placed in the 'Platform\_level' layer.
28. All texts e.g Area, dimensions, Building setback, road width etc should be placed in the 'Site\_plan\_txt' layer.
29. All Planning Symbols should be placed in the 'Planng\_ctl\_sym' layer.
30. Key plan, location plan and legend should be placed in their respective layer e.g 'Out\_key\_plan', 'Out\_location\_plan' and 'Out\_legend'.
31. All other elements outside the layout submission boundary should be placed in the 'Out\_bound' layer or new layers starting with 'Out\_' can be created for necessary elements if required.

The following additional points should be taken into account :

1. Road polygon should be break whenever there is a change in the road category or road name. If the road is break/create note into more than one segment, each segment must be assigned a proper parcel number and parcel code.
2. Starting point of text for all features must be within the respective polygon boundaries and placed in the respective layers.
3. Sub parcel number text for polygon must be placed in the same manner as explained in point 1. This text should be placed in the 'Sub parcel number (Sub\_parcel\_no)' layer.
4. For colour of various components, please refer to 'Land Use Colour for Layout Plan and Site Plan' section later in this appendix.

### 3 Land Use Colour for Layout Plan and Site Plan

The following land use colour should be used for respective plan.

No.	Land use classification / description	Colour	Colour Code	Outline Colour
<b>1.0</b>	<b>Residential</b>			
1.1	Bungalow	Light orange	41	
1.2	Semi detached	Light pink	21	
1.3	Zero lot	Orange	40	
1.4	Terrace	Orange	40	
1.5	Town house	Pink	241	
1.6	Cluster house	Pinkish brown	23	
1.7	Affordable homes	Brown	34	
1.8	Apartment	Orange brown	32	
1.9	Condominium	Light brown	42	
1.10	Istana Selangor	Pink	11	
1.11	Others (specify)	Pink	11	
<b>2.0</b>	<b>Commercial</b>			
	a. Commercial / commercial office	Blue	140	
	b. Commercial complex (EB only)	Blue	140	
	c. Office complex (EB only)	Blue	140	
	d. Hotel (EB only)	Blue	140	
	e. Banking & finance (EB only)	Blue	140	
	f. Mix development	Blue	140	
	g. Shop office (EB only)	Blue	140	
	h. Shopping mall / arcade / bazaar (EB only)	Blue	140	
	i. Multi-storey parking (EB only)	Blue	140	
	j. Others (specify)	Blue	140	
2.1	Petrol station without service	Blue	140	
2.2	Private amenities	Blue	140	Red (230)
	a. Institution of higher learning	Blue	140	Red (230)
	b. Medical centre	Blue	140	Red (230)
	c. General post office	Blue	140	Red (230)
	d. Post office	Blue	140	Red (230)
	e. Welfare home	Blue	140	Red (230)
	f. Sports & recreational club	Blue	140	Red (230)
	g. School	Blue	140	Red (230)
	h. Kindergarten	Blue	140	Red (230)
	i. Others (specify)	Blue	140	Red (230)

No.	Land use classification / description	Colour	Colour Code	Outline Colour
<b>3.0</b>	<b>Public Amenities</b>			
	<b>Owned by PTP</b>			
3.1	Religious Institution	Yellow	50	
	• Mosque	Yellow	50	
	• Mosque & religious school complex	Yellow	50	
	• Surau	Yellow	50	
	• Surau & religious school complex	Yellow	50	
	• Other religious Institution	Yellow	50	
3.2	Health	Red	230	
	• District hospital	Red	230	
	• Health clinic	Red	230	
	• Welfare home	Red	230	
	• Handicapped center	Red	230	
	• Convalescence	Red	230	
	• Others (specify)	Red	230	
3.3	Education	Light green	61	Red (230)
	• Primary school	Light green	61	Red (230)
	• Secondary school	Light green	61	Red (230)
	• Religious school	Light green	61	Red (230)
	• School complex (primary & secondary)	Light green	61	Red (230)
	• Religious school complex	Light green	61	Red (230)
	• Special School (for disable)	Light green	61	Red (230)
	• Institution of Higher Learning	Light green	61	Red (230)
	• Others (specify)	Light Ggreen	61	Red (230)
3.4	Police	Red	230	
	• District police HQ	Red	230	
	• Town police station	Red	230	
	• Marine police office	Red	230	
	• Mounted police	Red	230	
	• Others (specify)	Red	230	
3.5	Fire & rescue services	Red	230	
	• Fire & rescue HQ	Red	230	
	• Fire & rescue station	Red	230	
	• Others (specify)	Red	230	
3.6	Istana hinggap	Red	230	
3.7	Other public amenities (PTP land)	Red	230	Yellow (50)
	<b>Owned by Perbadanan Putrajaya</b>			
3.8	Neighbourhood complex	Red	230	Yellow (50)
3.9	Library	Red	230	Yellow (50)
	• Library	Red	230	Yellow (50)
	• Resource centre	Red	230	Yellow (50)
	• Others (specify)	Red	230	Yellow (50)

No.	Land use classification / description	Colour	Colour Code	Outline Colour
3.10	Community hall	Red	230	Yellow (50)
3.11	Multi-Purpose hall	Red	230	Yellow (50)
3.12	Information centre	Red	230	Yellow (50)
3.13	Visitor centre	Red	230	Yellow (50)
3.14	Civic & cultural facilities	Red	230	Yellow (50)
3.15	Exhibition centre / area	Red	230	Yellow (50)
3.16	Public market	Red	230	Yellow (50)
3.17	Food court	Red	230	Yellow (50)
3.18	Public toilet	Red	230	Yellow (50)
3.19	Public recreation club	Red	230	Yellow (50)
	• Gymnasium	Red	230	Yellow (50)
	• Sport & athletic field	Red	230	Yellow (50)
	• Outdoor stadium	Red	230	Yellow (50)
	• Indoor stadium	Red	230	Yellow (50)
	• Velodrome	Red	230	Yellow (50)
	• Swimming complex	Red	230	Yellow (50)
	• Aqua sports	Red	230	Yellow (50)
	• Others (specify)	Red	230	Yellow (50)
3.20	Cemetery	Green	64	Yellow (50)
3.21	Look out tower (EB only)	Red	230	Yellow (50)
3.22	Wakaf (EB only)	Red	230	Yellow (50)
3.23	Guard house (EB only)	Red	230	Yellow (50)
3.24	Kiosk (EB only)	Red	230	Yellow (50)
3.25	Pavilion (EB only)	Red	230	Yellow (50)
3.26	Crematorium (EB only)	Red	230	Yellow (50)
3.27	Other public amenities (Perbadanan)	Red	230	Yellow (50)
<b>4.0</b>	<b>Government use</b>			
4.1	Government office	Red	230	
4.2	Semi-government office	Red	230	
4.3	Perbadanan office	Red	230	
4.4	Perbadanan reserve	Red	230	
4.5	Diplomatic enclave	Red	230	
4.6	Archive	Red	230	
4.7	Gallery	Red	230	
4.8	Convention & exhibition hall	Red	230	
4.9	Sport & training complex	Red	230	
4.10	Court of law	Red	230	
4.11	Museum	Red	230	
4.12	VIP hotel	Red	230	
4.13	VIP retreat	Red	230	
4.14	Government reserve	Red	230	
4.15	Other government use (specify)	Red	230	

No.	Land use classification / description	Colour	Colour Code	Outline Colour
<b>5.0</b>	<b>Service industry</b>			
5.1	Service industry	Magenta	210	
5.2	Perbadanan depot	Magenta	210	
5.3	Bus depot	Magenta	210	
5.4	Petrol station with services	Blue	140	Magenta (210)
5.5	Other service industry (specify)	Magenta	210	
<b>6.0</b>	<b>Park and Open Space</b>			
6.1	Metropolitan park (Taman Botani, Taman Putra Perdana, Taman Rimba Alam, Taman Warisan Pertanian, Taman Wawasan, Taman Nusantara, Taman Sri Bayu, Taman Lindungan, Taman Selatan, Taman Rimba Desa, Taman Saujana Hijau, Taman Wetland & Taman Puncak Selatan)	Green	82	
6.2	Urban park	Green	90	
	• Dataran Putra	Green	90	
	• Perdana Walk	Green	90	
	• Linear Park	Green	90	
	• Ridge Line Park	Green	90	
	• Riparian Park	Green	90	
	• Hilltop Park	Green	90	
	• Lake Valley Park	Green	90	
	• Green Corridor / Network	Green	90	
6.3	City park	Green	101	
	• Community park	Green	101	
	• Neighbourhood park	Green	101	
	• Pocket park	Green	101	
	• Plaza / square	Green	101	
6.4	Local Park	Light green	60	
	• Playground	Light green	60	
	• Play court / play fields / play lots	Light green	60	
	• Fitness station	Light green	60	
	• Others	Light green	60	
6.5	Boulevard	Yellowish green	53	
	• Dataran (Dataran Wawasan, Dataran Putrajaya, Dataran Rakyat dan Dataran Gemilang)	Yellowish green	53	

No.	Land use classification / description	Colour	Colour Code	Outline Colour
6.6	Promenade	Dark green	96	
	• Type A (hard edge)	Dark green	96	
	• Type B (semi hard edge)	Yellow	51	
	• Type C (soft edge)	Green	63	
6.7	Waterbody	Light blue	131	
	• Lake	Light blue	131	
	• Wetlands	Grey blue	135	
	• Retention pond	Light blue	131	
	• River	Light blue	131	
	• Dam	Light green	123	
6.8	Buffer zones (Landscape buffer, road buffer, drainage buffer, utility buffer)	Light green	66	
6.9	Other parks (specify)	Light green	60	
<b>7.0</b>	<b>Public Utilities</b>			
7.1	Electricity supply	Greenish blue	120	
	• TNB rentice reserve	Greenish blue	120	
	• PMU	Greenish blue	120	
	• PPU	Greenish blue	120	
	• PE	Greenish blue	120	
	• Compact PE	Greenish blue	120	
	• Others (specify)	Greenish blue	120	
7.2	Water supply	Cyan	130	
	• Water treatment plant	Cyan	130	
	• Water reservoir	Cyan	130	
	• Water tank	Cyan	130	
	• Water pumping house	Cyan	130	
	• Others (specify) Sewerage	Cyan	130	
7.3	Sewerage	Grey	252	
	• STP	Grey	252	
	• Main sewerage pump station	Grey	252	
	• Sewerage pump station	Grey	252	
	• Others (specify)	Grey	252	
7.4	Solid waste	Brownish grey	37	
	• Transfer station	Brownish grey	37	
	• Drop off centre / recycle centre	Brownish grey	37	
	• Bin house	Brownish grey	37	
	• Others (specify)	Brownish grey	37	

No.	Land use classification / description	Colour	Colour Code	Outline Colour
7.5	Telecommunication	Dark magenta	202	
	• Telecom exchange	Dark magenta	202	
	• Satellite earth station	Dark magenta	202	
	• Radio site / tower	Dark magenta	202	
	• Fibre distribution house	Dark magenta	202	
	• Multi-Media gateway (MMG)	Dark magenta	202	
	• IT ducting corridor	Dark magenta	202	
	• Others (specify)	Dark magenta	202	
7.6	Gas	Pink	231	
	• Petronas gas pipeline reserve	Pink	231	
	• Multi-product pipeline reserve	Pink	231	
	• District gas station	Pink	231	
	• Area gas station	Pink	231	
	• Others (specify)	Pink	231	
7.7	Gas District Cooling	Light magenta	213	
	• District cooling centre	Light magenta	213	
	• Others (specify)	Light magenta	213	
7.8	Utility Hub	Purple	171	
7.9	Irrigation pump house (EB Only)	Light blue	131	
7.10	Other public utilities (specify)	Purple	171	
<b>8.0</b>	<b>Transportation land use</b>			
8.1	Road reserve	Grey	254	
8.2	ERL reserve	Yellow	50	
8.3	Monorail reserve	Yellow	50	
8.4	Transportation hub / terminal	Light magenta	211	
8.5	Park & Ride station	Grey	254	
8.6	Multi-Storey parking	Grey	254	
8.7	Monorail station	Grey	254	
8.8	Bus station	Grey	254	
8.9	Taxi station	Grey	254	
8.10	Bridge	Grey	254	
8.11	Parking	Grey	254	
8.12	Bus / taxi lay-by	Grey	254	
8.13	Bus holding area	Grey	254	
8.14	Ferry terminal	Grey	254	
8.15	Others (specify)	Grey	254	
<b>9.0</b>	<b>Drainage land use</b>			
9.1	Drainage reserve	Light blue	131	
9.2	Gross pollutant trap area	Light blue	131	
9.3	Oil & grease trap area	Light blue	131	
9.4	Drainage-sump area (EB only)	Light blue	131	
9.5	Others (Specify)	Light blue	131	

4 Sub Parcel Internal Land use Components (Site Plan Only)

No.	Land use classification / description	Colour	Colour Code	Outline Colour
<b>1.0</b>	<b>Residential</b>			
<b>1.1</b>	<b>Residential (landed)</b>			
<b>1.1.1</b>	<b>Building plinth</b>			
	• Bungalow	Light orange	41	
	• Semi detached	Light pink	21	
	• Zero lot	Orange	40	
	• Terrace	Orange	40	
	• Town house	Pink	241	
	• Cluster house	Pinkish brown	23	
	• Istana selangor	Pink	11	
	• Other residential (landed)	Pink	11	
<b>1.1.2</b>	<b>Support building plinth</b>			
	• Guard house	Red	230	
	• Others	Red	230	
<b>1.1.3</b>	<b>Driveway</b>	Grey	254	
<b>1.1.4</b>	<b>Open terrace</b>	Brown	15	
<b>1.1.5</b>	<b>Porch</b>	Grey	252	
<b>1.1.6</b>	<b>Soft landscape</b>	Light green	81	
<b>1.1.7</b>	<b>Hard landscape</b>	Light brown	33	
<b>1.1.8</b>	<b>Others</b>	Light brown	33	
<b>1.2</b>	<b>Residential (non-landed)</b>			
<b>1.2.1</b>	<b>Building plinth</b>			
	• Affordable homes	Brown	34	
	• Apartment	Orange brown	32	
	• Condominium	Light brown	42	
	• Other residential (non-landed)	Pink	11	
<b>1.2.2</b>	<b>Support Building Plinth</b>			
	• Dewan Orang Ramai / Dewan Serbaguna	Red	230	
	• Surau	Yellow	50	
	• Guard house	Red	230	
	• TNB	Pink	231	
	• Gas	Greenish blue	120	
	• Bin house	Brownish grey	37	
	• Others	Red	230	

No.	Land use classification / description	Colour	Colour Code	Outline Colour
<b>1.2.3</b>	<b>Hard Landscape</b>			
	• Children playground	Light brown	33	
	• Playfield / playcourt / playlot / other fields	Light brown	33	
	• Plaza	Light brown	33	
	• Courtyard	Light brown	33	
	• Pedestrian / cycle path	Orange brown	15	
	• Water features	Light blue	131	
	• Other hard landscape elements	Light brown	33	
<b>1.2.4</b>	<b>Soft landscape</b>	Light green	81	
<b>1.2.5</b>	<b>Road / parking / drop off / pick up area</b>	Grey	254	
<b>1.2.6</b>	<b>Others</b>	Brownish green	53	
<b>2.0</b>	<b>Commercial</b>			
<b>2.1</b>	<b>Commercial (landed)</b>			
<b>2.1.1</b>	<b>Building plinth</b>			
	• Shop office	Blue	140	
	• Shop houses	Blue	140	
	• Shop lots	Blue	140	
	• Other commercial (landed)	Blue	140	
<b>2.1.2</b>	<b>Support building plinth</b>			
	• Guard house	Red	230	
	• Others	Red	230	
<b>2.1.3</b>	<b>Soft landscape</b>	Light green	81	
<b>2.1.4</b>	<b>Hard landscape</b>	Light brown	33	
<b>2.1.5</b>	<b>Others</b>	Light brown	33	
<b>2.2</b>	<b>Others Commercial (non-landed)</b>			
<b>2.2.1</b>	<b>Building plinth</b>			
	i. Commercial			
	• Commercial / commercial office	Blue	140	
	• Commercial complex	Blue	140	
	• Office complex	Blue	140	
	• Hotel	Blue	140	
	• Banking & finance	Blue	140	
	• Mix development	Blue	140	Orange Brown (32)
	• Shopping mall / arcade/ bazaar	Blue	140	
	• Other commercial (non-landed)	Blue	140	

No.	Land use classification / description	Colour	Colour Code	Outline Colour
	ii. Petrol station without service	Blue	140	
	iii. Private amenities			
	• Institution of higher learning	Blue	140	Red (230)
	• Medical centre	Blue	140	Red (230)
	• General post office	Blue	140	Red (230)
	• Post office	Blue	140	Red (230)
	• Welfare home	Blue	140	Red (230)
	• Sport & recreational club	Blue	140	Red (230)
	• School	Blue	140	Red (230)
	• Kindergarten	Blue	140	Red (230)
	• Others	Blue	140	Red (230)
<b>2.2.2</b>	<b>Support building plinth</b>			
	• Guard house	Red	230	
	• Others	Red	230	
<b>2.2.3</b>	<b>Hard Landscape</b>			
	• Children playground	Light brown	33	
	• Playfield / playcourt / playlot / other fields	Light brown	33	
	• Plaza	Light brown	33	
	• Courtyard	Light brown	33	
	• Pedestrian / cycle path	Orange brown	15	
	• Water features	Light blue	131	
	• Other hard landscape elements	Light brown	33	
<b>2.2.4</b>	<b>Soft landscape</b>	Light green	81	
<b>2.2.5</b>	<b>Road / parking / drop off / pick up area</b>	Grey	254	
<b>2.2.6</b>	<b>Others</b>	Brownish green	53	
<b>3.0</b>	<b>Public amenities</b>			
<b>3.1</b>	<b>Building plinth</b>			
<b>3.1.1</b>	<b>Owned by PTP</b>			
	i. Religious institution			
	• Mosque	Yellow	50	
	• Mosque & religious school complex	Yellow	50	
	• Surau	Yellow	50	
	• Surau & religious school complex	Yellow	50	
	• Others	Yellow	50	

No.	Land use classification / description	Colour	Colour Code	Outline Colour
	ii. Health			
	• District hospital	Red	230	
	• Health clinic	Red	230	
	• Welfare home	Red	230	
	• Handicapped center	Red	230	
	• Convalescence	Red	230	
	• Others	Red	230	
	iii. Education			
	• Primary school	Light green	61	Red (230)
	• Secondary school	Light green	61	Red (230)
	• Religious school	Light green	61	Red (230)
	• School complex (primary & secondary)	Light green	61	Red (230)
	• Religious school complex	Light green	61	Red (230)
	• Special school (for disable)	Light green	61	Red (230)
	• Institution of higher learning	Light green	61	Red (230)
	• Others	Light green	61	Red (230)
	iv. Police			
	• District police HQ	Red	230	
	• Town police station	Red	230	
	• Marine police office	Red	230	
	• Mounted police	Red	230	
	• Others	Red	230	
	v. Fire & rescue services			
	• Fire & rescue HQ	Red	230	
	• Fire & rescue station	Red	230	
	• Others	Red	230	
	vi. Istana Hinggap	Red	230	
	vii. Other PTP amenities	Red	230	
<b>3.1.2</b>	<b>Owned by Perbadanan Putrajaya</b>			
	i. Neighbourhood complex	Red	230	Yellow (50)
	ii. Library			
	• Library	Red	230	Yellow (50)
	• Resource centre	Red	230	Yellow (50)
	• Others (specify)	Red	230	Yellow (50)
	iii. Community hall	Red	230	Yellow (50)
	iv. Multi-Purpose hall	Red	230	Yellow (50)

No.	Land use classification / description	Colour	Colour Code	Outline Colour
	v. Information centre	Red	230	Yellow (50)
	vi. Visitor centre	Red	230	Yellow (50)
	vii. Civic & cultural facilities	Red	230	Yellow (50)
	viii. Exhibition centre / Area	Red	230	Yellow (50)
	ix. Public market	Red	230	Yellow (50)
	x. Food court	Red	230	Yellow (50)
	xi. Public toilet	Red	230	Yellow (50)
	xii. Public recreation club			
	• Gymnasium	Red	230	Yellow (50)
	• Sports & athletic field	Red	230	Yellow (50)
	• Outdoor stadium	Red	230	Yellow (50)
	• Indoor stadium	Red	230	Yellow (50)
	• Velodrome	Red	230	Yellow (50)
	• Swimming complex	Red	230	Yellow (50)
	• Aqua sports	Red	230	Yellow (50)
	• Others	Red	230	Yellow (50)
	xiii. Cemetery	Green	64	Yellow (50)
	xiv. Look out tower	Red	230	Yellow (50)
	xv. Wakaf	Red	230	Yellow (50)
	xvi. Guard house	Red	230	Yellow (50)
	xvii. Kiosk	Red	230	Yellow (50)
	xviii. Pavilion	Red	230	Yellow (50)
	xix. Crematorium	Red	230	Yellow (50)
	xx. Other PPj amenities	Red	230	Yellow (50)
<b>3.1.3</b>	<b>Support building plinth</b>			
	• Guard house	Red	230	
	• Bin house	Brownish grey	37	
	• Gas	Greenish blue	120	
	• TNB	Pink	231	
	• Others	Red	230	
<b>3.2</b>	<b>Hard Landscape</b>			
	• Children playground	Light brown	33	
	• Playfield / playcourt / playlot / others • Fields	Light brown	33	
	• Plaza	Light brown	33	
	• Courtyard	Light brown	33	
	• Pedestrian / cycle path	Orange brown	15	
	• Water features	Light blue	131	
	• Other hard landscape elements	Light brown	33	

No.	Land use classification / description	Colour	Colour Code	Outline Colour
<b>3.3</b>	<b>Soft landscape</b>	Light green	81	
<b>3.4</b>	<b>Road / parking / drop off / pick up area</b>	Grey	254	
<b>3.5</b>	<b>Others</b>	Brownish green	53	
<b>4.0</b>	<b>Government buildings</b>			
4.1	Building plinth			
	i) Government office	Red	230	
	ii) Semi-Government office	Red	230	
	iii) Perbadanan office	Red	230	
	iv) Perbadanan rReserve	Red	230	
	v) Diplomatic enclave	Red	230	
	vi) Archive	Red	230	
	vii) Gallery	Red	230	
	viii) Convention & exhibition hall	Red	230	
	ix) Sports & training complex	Red	230	
	x) Court Of law	Red	230	
	xi) Museum	Red	230	
	xii) VIP hotel	Red	230	
	xiii) VIP retreat	Red	230	
	xiv) Government reserve	Red	230	
	xv) Other government buildings	Red	230	
<b>4.2</b>	<b>Support building plinth</b>			
	• Guard house	Red	230	
	• Bin house	Brownish grey	37	
	• Gas	Greenish blue	120	
	• TNB	Pink	231	
	• Others	Red	230	
<b>4.3</b>	<b>Hard landscape</b>			
	• Children playground	Light brown	33	
	• Playfield / playcourt / playlot / other fields	Light brown	33	
	• Plaza	Light brown	33	
	• Courtyard	Light brown	33	
	• Pedestrian / cycle path	Orange brown	15	
	• Water features	Light blue	131	
	• Other hard landscape elements	Light brown	33	
<b>4.4</b>	<b>Soft landscape</b>	Light green	81	
<b>4.5</b>	<b>Road / parking / drop off / pick up area</b>	Grey	254	
<b>4.6</b>	<b>Others</b>	Brownish Green	53	

No.	Land use classification / description	Colour	Colour Code	Outline Colour
<b>5.0</b>	<b>Service industry</b>			
<b>5.1</b>	<b>Building plinth</b>			
	i) Service industry	Magenta	210	
	ii) Perbadanan depot	Magenta	210	
	iii) Bus depot	Magenta	210	
	iv) Petrol station with services	Blue	140	Magenta (210)
	v) Other service industry	Magenta	210	
<b>5.2</b>	<b>Support building plinth</b>			
	• Bin house	Brownish grey	37	
	• Others	Red	230	
<b>5.3</b>	<b>Hard landscape</b>			
	• Pedestrian / cycle path	Light brown	33	
	• Other Hard Landscape Elements	Light brown	33	
<b>5.4</b>	<b>Soft Landscape</b>	Light green	81	
<b>5.5</b>	<b>Road/ Parking/Drop Off/Pick Up Area</b>	Grey	254	
<b>5.6</b>	<b>Others</b>	Brownish green	53	
<b>6.0</b>	<b>Public Utilities</b>			
<b>6.1</b>	<b>Building plinth</b>			
	i. Electricity supply			
	• PMU	Greenish blue	120	
	• PPU	Greenish blue	120	
	• PE	Greenish blue	120	
	• Compact PE	Greenish blue	120	
	• Others	Greenish blue	120	
	ii. Water supply			
	• Water treatment plant	Cyan	130	
	• Water reservoir	Cyan	130	
	• Water tank	Cyan	130	
	• Water pumping house	Cyan	130	
	• Others	Cyan	130	
	iii. Sewerage			
	• STP	Grey	252	
	• Main sewerage pump station	Grey	252	
	• Sewerage pump station	Grey	252	
	• Others	Grey	252	

No.	Land use classification / description	Colour	Colour Code	Outline Colour
	iv. Solid waste			
	• Transfer station	Brownish grey	37	
	• Drop off centre / recycle centre	Brownish grey	37	
	• Bin house	Brownish grey	37	
	• Others	Brownish grey	37	
	v. Telecommunications			
	• Telecom Exchange	Dark magenta	202	
	• Satellite Earth Station	Dark magenta	202	
	• Radio site / tower	Dark magenta	202	
	• Fibre Distribution House	Dark magenta	202	
	• Multi-Media gateway (MMG)	Dark magenta	202	
	• Others	Dark magenta	202	
	vi. Gas			
	• District gas station	Pink	231	
	• Area gas station	Pink	231	
	• Others	Pink	231	
	vii. Gas district cooling			
	• District cooling centre	Light magenta	213	
	• Others	Light magenta	213	
	viii. Utility hub	Purple	171	
	ix. Irrigation pump house	Light blue	131	
	x. Other public utilities	Purple	171	
<b>6.2</b>	<b>Support building plinth</b>			
	• Guard house	Red	230	
	• Bin house	Brownish grey	37	
	• Gas	Greenish blue	120	
	• TNB	Pink	231	
	• Others	Red	230	
<b>6.3</b>	<b>Hard landscape</b>	Light brown	33	
<b>6.4</b>	<b>Soft landscape</b>	Light green	81	
<b>6.5</b>	<b>Road / parking / drop off / pick up area</b>	Grey	254	
<b>6.6</b>	<b>Others</b>	Brownish green	53	
<b>7.0</b>	<b>Transportation buildings</b>			
<b>7.1</b>	<b>Building plinth</b>			
	i. Transportation hub / terminal	Light magenta	211	
	ii. Park & ride station	Grey	254	
	iii. Multi-storey parking	Grey	254	

No.	Land use classification / description	Colour	Colour Code	Outline Colour
	iv. Monorail station	Grey	254	
	v. Bus station	Grey	254	
	vi. Taxi station	Grey	254	
	vii. Bridge	Grey	254	
	viii. Bus / taxi lay-by	Grey	254	
	ix. Bus holding area	Grey	254	
	x. Ferry terminal	Grey	254	
	xi. Other transportation buildings	Grey	254	
<b>7.2</b>	<b>Support building plinth</b>			
	• Guard house	Red	230	
	• Bin house	Brownish grey	37	
	• Gas	Greenish blue	120	
	• TNB	Pink	231	
	• Others	Red	230	
<b>7.3</b>	<b>Hard Landscape</b>			
	• Plaza	Light brown	33	
	• Courtyard	Light brown	33	
	• Pedestrian / cycle path	Orange brown	15	
	• Water Features	Light blue	131	
	• Other hard landscape elements	Light brown	33	
<b>7.4</b>	<b>Soft landscape</b>	Light green	81	
<b>7.5</b>	<b>Road / parking / drop off / pick up area</b>	Grey	254	
<b>7.6</b>	<b>Others</b>	Brownish green	53	
<b>8.0</b>	<b>Parks &amp; open spaces</b>			
<b>8.1</b>	<b>Building Plinth</b>			
	i. Community hall	Red	230	Yellow (50)
	ii. Multi-Purpose hall	Red	230	Yellow (50)
	iii. Information centre	Red	230	Yellow (50)
	iv. Civic & cultural facilities	Red	230	Yellow (50)
	v. Exhibition centre / area	Red	230	Yellow (50)
	vi. Food court	Red	230	Yellow (50)
	vii. Public toilet	Red	230	Yellow (50)
	viii. Public recreation club			
	• Gymnasium	Red	230	Yellow (50)
	• Sports & athletic field	Red	230	Yellow (50)
	• Outdoor stadium	Red	230	Yellow (50)
	• Indoor stadium	Red	230	Yellow (50)

No.	Land use classification / description	Colour	Colour Code	Outline Colour
	• Velodrome	Red	230	Yellow (50)
	• Swimming complex	Red	230	Yellow (50)
	• Aqua sports	Red	230	Yellow (50)
	• Others	Red	230	Yellow (50)
	ix. Look out tower	Red	230	Yellow (50)
	x. Wakaf	Red	230	Yellow (50)
	xi. Guard house	Red	230	Yellow (50)
	xii. Kiosk	Red	230	Yellow (50)
	xiii. Pavilion	Red	230	Yellow (50)
	xiv. Crematorium	Red	230	Yellow (50)
	xv. Dam	Light green	123	
	xvi. Other parks & open spaces	Red	230	Yellow (50)
<b>8.2</b>	<b>Support building plinth</b>			
	• Bin house	Brownish grey	37	
	• Gas	Greenish blue	120	
	• TNB	Pink	231	
	• Others	Red	230	
<b>8.3</b>	<b>Hard landscape</b>			
	• Children playground	Light brown	33	
	• Playfield / playcourt / playlot / other fields	Light brown	33	
	• Plaza	Light brown	33	
	• Courtyard	Light brown	33	
	• Pedestrian / cycle path	Orange brown	15	
	• Water features	Light blue	131	
	• Other hard landscape elements	Light brown	33	
<b>8.4</b>	<b>Soft landscape</b>	Light green	81	
<b>8.5</b>	<b>Road / parking / drop off / pick up area</b>	Grey	254	
<b>8.6</b>	<b>Others</b>	Brownish green	53	
<b>9.0</b>	<b>Road reserve</b>			
<b>9.1</b>	<b>Building plinth</b>			
	• Bus / taxi lay-by	Grey	254	
	• Other road reserve	Grey	254	
<b>9.2</b>	<b>Road / carriageway</b>	Grey	254	
<b>9.3</b>	<b>Median</b>	Light green	81	
<b>9.4</b>	<b>Parking</b>	Grey	254	
<b>9.5</b>	<b>Soft landscape</b>	Light green	81	
<b>9.6</b>	<b>Hard landscape</b>	Light brown	33	
<b>9.7</b>	<b>Roadside drain</b>	Light blue	131	
<b>9.8</b>	<b>Others</b>	Light brown	33	

No.	Land use classification / description	Colour	Colour Code	Outline Colour
<b>10.0</b>	<b>Parking area</b>			
<b>10.1</b>	<b>Building plinth</b>			
	• Wakaf	Red	230	Yellow (50)
	• Toilet	Red	230	Yellow (50)
	• Other parking area	Red	230	Yellow (50)
<b>10.2</b>	<b>Parking / premix / drop off</b>	Grey	254	
<b>10.3</b>	<b>Soft landscape</b>	Light green	81	
<b>10.4</b>	<b>Hard landscape</b>	Light brown	33	
<b>10.5</b>	<b>Others</b>	Light brown	33	
<b>11.0</b>	<b>Drainage reserve</b>			
<b>11.1</b>	<b>Building plinth</b>			
	• Gross pollutant trap area	Light blue	131	
	• Oil & grease trap area	Light blue	131	
	• Drainage sump area	Light blue	131	
	• Other drainage reserve	Light blue	131	
<b>11.2</b>	<b>Drainage</b>	Light blue	131	
<b>11.3</b>	<b>Soft landscape</b>	Light green	81	
<b>11.4</b>	<b>Hard landscape</b>	Light brown	33	
<b>11.5</b>	<b>Others</b>	Light brown	33	
<b>12.0</b>	<b>Other transportation reserve</b>			
<b>12.1</b>	<b>Building plinth</b>			
	• Monorel station	Grey	254	
	• Other transportation reserve	Grey	254	
<b>12.2</b>	<b>Track</b>	Yellow	50	
<b>12.3</b>	<b>Others</b>	Yellow	50	