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THE LAND SURVEYORS ORDINANCE, 2001

THE LAND SURVEYORS
(CONDUCT OF CADASTRAL LAND SURVEYS) (AMENDMENT) RULES, 2024

In exercise of the powers conferred by section 31 of the Land Surveyor Ordinance, 2001 [*Cap. 40*], the Land Surveyors Board, Sarawak, has with the approval of the Majlis Mesyuarat Kerajaan Negeri, made the following Rules:

Citation and commencement

1. These Rules may be cited as the **Land Surveyors (Conduct of Cadastral Land Surveys (Amendment) Rules, 2024**, and shall be deemed to have come into force on the 1st day of January, 2024.

Amendment of rule 2

2. Rule 2 of the Land Surveyors (Conduct of Cadastral Land Surveys) Rules, 2003 [*Swk. L.N. 137/2003*] (in these Rules referred to as the “Principal Rules”) is amended by inserting after the definition of “mining” the following new definitions:

“Strata subdivision” means the subdivision of building and land under Strata (Subsidiary Titles) Ordinance, 2019 [*Cap. 75*];

“Strata subdivision plan” shall have the meaning assigned to that expression in Strata (Subsidiary Titles) Ordinance, 2019 [*Cap. 75*];”

Substitution of rule 35

3. The Principal Rules is amended by substituting rule 35 with the following new rule:

“Strata subdivision plan

35.—(1) Any application for strata subdivision plan approval shall be made in accordance with the provisions of the Strata (Subsidiary Titles) Ordinance, 2019 [*Cap. 75*].

(2) The strata subdivision plan to be submitted under the Strata (Subsidiary Titles) Ordinance, 2019 [*Cap. 75*] shall be prepared and certified by a Land Surveyor in accordance with the provisions thereof and the Fifth Schedule of these Rules.

(3) Notwithstanding sub-rules (2), the strata subdivision plan shall also satisfy the following requirements:

(a) the boundaries of all the proposed parcels shown thereon have been endorsed by the proprietor of the development to be correct and in accordance with what was sold or agreed to be sold by the proprietor as set out in the Fifth Schedule; and

(b) the Share Unit Calculation is correct based on the provisions of the Strata (Subsidiary Titles) Ordinance, 2019 [*Cap. 75*].

(4) In the case of strata development with provisional block or blocks, the strata subdivision plan shall also satisfy the following requirements:

(a) that the index plan shall include a legend of the number of stages in which the proposed phased development is to take place;

(b) that the position of each provisional block as delineated on the delineation plan is within the boundaries of the lot in question;

(e) that the proposed quantum of provisional share units for each provisional block is correct based on the provisions of the Strata (Subsidiary Titles) Ordinance, 2019 [*Cap. 75*].

(5) In the case of strata subdivision for provisional block or blocks, the strata subdivision plan shall also satisfy the following requirements:

(a) a statement showing the proposed allocation of the provisional share units among the new parcels, and containing such other details as are specified in sub-rules (2) and (3).

(b) that there has been no change in the total area of the building; and

(c) that there has been no change in the total share units for the parcels from the quantum of provisional share units.

(6) (a) The delineation survey shall be carried out on the lot in question for the purpose of construction and certification as required under section 6 of the Strata (Subsidiary Titles) Ordinance, 2019 [*Cap. 75*]:

(i) to verify the lot boundaries;

(ii) in the case of a land to be subdivided into land parcels, to delineate the boundaries of the land parcels;

(iii) to set out the footprint for the building to be subdivided, including the building within a land parcel;

(iv) if the application involves provisional block of building to be subdivided into building parcels or land into land parcels in the case of phased development to be built at a later date:

(A) to set out the approved proposed site of the building and land parcel on the ground;

(B) the plan (SP or BP) drawn shall clearly indicate the block to be provisional; and

(C) the phase number shall also be shown.

(b) Delineation Survey shall be carried out to First Class Cadastral Survey standards as stipulated in the Second Schedule.”

New rules 35A, 35B, 35C, 35D, 35E, 35F and 35G

4. The Principal Rules are amended by inserting immediately after rule 35 the following new rules:

“Strata Subdivision Survey

35A.—(1) Upon approval of the strata subdivision plan under the provisions of the Strata (Subsidiary Titles) Ordinance, 2019 [*Cap. 75*], the strata subdivision survey shall be carried out by a land surveyor for the lot in question, and any of the buildings or parcels thereon, where applicable.

(2) The strata subdivision survey shall consist of Type A and Type B surveys, which shall be carried out prior to filing of the certified strata plan:

(a) Type A Survey shall be carried out once the building is completed or near to completion:

(i) to verify that the building is within the lot boundaries and in the case of land parcel, that the building is within the land parcel boundaries;

(ii) to peg and survey the land parcel boundaries with the survey marks on the ground and surveyed by reference to the lot boundary, in the case of land parcels;

(iii) to mark and survey the accessory parcel by reference to the external walls of the building or by reference to the lot boundary, in the case of accessory parcel situated outside the building;

(iv) to survey the footprint of building and all as-built structures, the footprint being defined as the vertical projection of the building at its greatest extent; and

(v) to record and report any encroachment or discrepancy of (i) (ii), (iii) and (iv) above to the Land and Survey Department, Sarawak.

(b) Type B Survey shall be carried out concurrently with Type A Survey, to survey the boundaries of the parcels as well as the common property and in the case of land parcel, the boundaries of the land parcel in relation to every floor of the building thereon shall be surveyed.

(3) Standards of Survey:

(a) Type A Survey:

(i) Type A Survey shall be carried out to First Class Cadastral Survey standards as stipulated in the Second Schedule.

(ii) Buildings abutting on or closely approaching boundaries shall be accurately surveyed.

(b) Type B Survey – Subdivision survey of building including building on land parcel.

(i) Type B Survey shall be carried out to survey the boundaries of each and every parcel so that the boundary between the parcel and the common property is defined and unless otherwise stipulated in the Strata Subdivision Plan, the boundaries of each parcel are generally formed by the centre of the floor, wall or ceiling as the case may be.

(ii) Type B Survey shall be carried out to survey the boundaries of each and every parcel, thickness of floor and boundary wall, and the vertical height of each parcel, unless where the boundary point falls into inaccessible area, the boundary distance concerned may be deduced from the approved building plan.

(iii) In the case of land parcel, Type B Survey shall be carried out to survey the perimeter wall and vertical height of each floor of the building in the land parcel.

(iv) In the case of building parcel where the boundary is not determined by permanent construction features, the parcel shall be surveyed by reference to features of permanent construction appearing in the building.

(v) All distances shall be measured or derived and recorded to the nearest centimetre, 0.01 metre, and check measurements shall be made to ensure that all distances measured are correct.

(vi) The reduced level of each storey shall be determined by ordinary levelling, vertical angle heighting or any other survey method to the accuracies as required under this Rule.

(vii) The survey shall use such equipment of type, standards and specifications that are capable of readily attaining the standards of accuracy required.

(viii) If a parcel is not limited in height and or depth by a structure, a stratum statement will be required for parcels outside or inside a building which are not fully covered by a structure or do not have a structural base for their entire area.

(ix) For each parcel, only the perimeter boundary walls shall be surveyed for the purpose of plotting on the Certified Strata Plan, and internal room walls and details for furniture and fittings need not be surveyed.

(x) To distinguish such parts of the storey as are not to be included in any of the parcels but are to become part of the common property, all permanent structures and prominent features within the common property shall be surveyed and included in the Certified Strata Plan.

(4) Computations:

(a) Type A Survey: The computations required for Type A Survey shall be as specified in rule 21.

(b) Type B Survey:

(i) All measured distances for the parcel and common property boundaries shall be reduced to the nearest decimetre, 0.1 metre.

(ii) Areas shall either be calculated by using the standard Land and Survey Department's Area Computation System or obtained from digital Computer Aided Design (CAD) drawings.

(5) Plans:

In connection with strata subdivision survey, the following plans shall be prepared in accordance with the Fourth Schedule:

(a) Survey Plan (SP or BP) shall be prepared for the Type A Survey; and

(b) Certified Strata Plan consisting of Index Plan, Storey Plan, Delineation Plan and Schedule of Parcels shall be prepared from the relevant approved Strata Subdivision Plans with such modifications as the land surveyor may consider necessary in the light of the Type B Survey.

Filing of Certified Strata Plan

35B.—(1) The filing of the Certified Strata Plan can only be carried out after the Type B survey has been approved by the Government Surveyor.

(2) The filing of the Certified Strata Plan shall be carried out in accordance with the provisions under the Strata (Subsidiary Titles) Ordinance, 2019 [*Cap. 75*].

Limited Common Property Survey

35C.—(1) The survey for subdivision of common property shall be carried out by a land surveyor for the lot in question, and any of the building or land thereon, where applicable to describe or identify or define the boundaries or area of the limited common property.

(2) The Limited Common Property Survey shall be carried out prior to application under section 23(3) of the Ordinance, upon the issuance of a Survey Job.

(3) The Limited Common Property Survey shall be carried out to:

(a) verify the boundaries of common property in the certified strata plan;

(b) survey the boundary of common property area, if the area was not surveyed during the strata subdivision survey;

(c) survey the boundaries of the limited common property; and

(d) record and report any encroachment or discrepancy of (i), (b) and (c) above to the Land and Survey Department, Sarawak.

(4) Limited Common Property Survey – Subdivision of common property:

(a) Limited Common Property Survey shall be carried out to survey the boundaries of each and every area of limited common property, unless where the boundary point falls into inaccessible area, the boundary distance(s) concerned may be deduced from the approved building plan.

(b) If the boundary cannot be determined by permanent construction features, the area must be surveyed by reference to features of permanent construction appearing in the building.

(c) All distances shall be measured and recorded in the field book to the nearest centimetre, 0.01metre, and check measurements shall be made to ensure that all distances measured are correct.

(d) If the limited common property cannot be surveyed or defined through measurements, it shall be clearly identified, described and recorded accordingly in the field book.

(e) If the area is not limited in height and or depth by a structure, a stratum statement will be required for parcel outside or inside a building which is not fully covered by a structure or does not have a structural base for its entire area.

(f) Unless otherwise stipulated on the certified strata plan, the common boundary of any limited common property area shall be the centre of the floor, wall or ceiling as the case may be.

(g) For each limited common property area, only the perimeter boundary walls shall be surveyed for the purpose of plotting on the Limited Common Property Plan and internal room walls and details for furniture and fittings need not be surveyed.

(5) Computations for Limited Common Property Survey – Subdivision survey of common property into limited common property:

(a) All measured distances for the limited common property boundaries shall be reduced to the nearest decimetre, 0.1 metre.

(b) Areas shall either be calculated by using the standard Land and Survey Department's Area Computation System or obtained from digital Computer-Aided Design (CAD) drawings.

(6) Plans

In connection with the subdivision survey for common property, the Limited Common Property Plan consisting of index plan, storey plan, delineation plan and schedule of parcel of Limited Common Property, shall be prepared in accordance with the Fourth Schedule.

(7) Share Units

Without prejudice to the generality of the Fourth Schedule of the Strata (Subsidiary Titles) Ordinance, 2019 [*Cap. 75*], the method of calculation of share units of parcels shall be based on the Seventh Schedule.

Survey of subterranean lot or airspace lot

35D.—(1) Survey of subterranean lot or airspace lot is required for structure or building approved by the State Planning Authority which projects over or underneath the road or statutory reserve for issuance of permit or easement under the Land Code [*Cap. 81 (1958 Ed.)*].

(2) The subterranean lot survey shall consist of on-ground surface survey, underground survey, and internal dimension survey, whereas the airspace lot survey shall consist of on-ground surface survey and internal dimension survey.

(3) On-ground surface survey, under Type A Survey, shall be carried out after the construction of the building or structure, to:

(a) resurvey and verify the boundaries of surrounding lot above the subterranean lot or under airspace lot, as the case may be;

(b) delineate the boundaries of the subterranean lot or airspace lot and emplace the permanent reference marks on the ground surface and the boundaries of the lot are to be projected vertically to the lot surface;

(c) survey the footprint of building and all as-built structure, footprint being defined as the vertical projection of the building or structure at its greatest extent to the lot surface;

(d) verify that the building or structure is not encroaching onto the boundaries of surrounding lot;

(e) establish two permanent bench marks nearby on the lot surface (with height and position in relation to the Department's datum); and

(f) record and report any encroachment or discrepancy of paragraph (iv) above to the Department.

(4) Underground Survey shall be carried out only for the subterranean lot after or during the construction of the building or structure, to:

(a) transfer horizontal and vertical datum from the earth surface to the subterranean;

(b) establish two permanent bench marks near to or within the subterranean lot (with height and position in relation to Department's datum);

(c) survey the extent of the building and all as-built structure;

(d) survey the boundaries of subterranean lot and emplace the boundary marks as specified in rule 24;

(e) verify the building or structure is within the proposed subterranean lot boundaries; and

(f) record and report any encroachment or discrepancy of paragraph (e) above to the Department.

(5) Internal dimension survey shall be carried out once the building or structure is completed, to:

(a) survey the perimeter wall of each floor;

(b) survey the thickness of floor or wall;

(c) survey the height of floor to ceiling;

(d) verify the perimeter wall or structure are within the subterranean lot or airspace lot boundaries; and

(e) record and report any encroachment or discrepancy of paragraph (d) above to the Department.

(6) Standards of Survey

(a) On-Ground Surface Survey

(i) The survey shall be carried out to First Class Cadastral Survey standards as stipulated in the Second Schedule.

(ii) Buildings abutting on or closely approaching the subterranean or air space lot shall be accurately surveyed.

(iii) Disturbed or missing boundary marks shall be re-fixed or replaced.

(iv) The determination of the reduced levels for the permanent bench mark and reference mark shall be based on nearby bench marks or control points established by the Department or other bench marks approved for use by the Government Surveyor, and the permissible closing error of the levelling for such purpose shall not exceed $\pm 15\sqrt{K}$ mm where K is the length of the level line in kilometres.

(v) Where reduced levels for the lot cannot be determined by levelling, other means can be utilized to determine the reduced levels subject to approval of the Department.

(vi) The subterranean lot or airspace lot shall be projected vertically to the lot surface and properly delineated with proper reference marks so as to show its planimetric location on the surface.

(vii) The bench marks and reference marks shall be properly tied to the existing nearby proven firm boundary or control marks.

(viii) Levelling survey is to be carried out to all the permanent reference marks of the subterranean lot on the surface.

(b) Underground Survey

(i) The survey shall be carried out to First Class Cadastral Survey standards as stipulated in the Second Schedule.

(ii) The transfer of horizontal and vertical datum from the earth surface to subterranean shall be based on bench marks established under on-ground surface survey and the permissible closing error of the levelling for such purpose shall not exceed $\pm 15\sqrt{K}$ mm where K is the length of the level line in kilometres.

(iii) Where reduced levels for the lot cannot be determined by levelling, other means can be utilized to determine the reduced levels subject to approval of the Department.

(iv) Buildings or structures abutting on or closely approaching the subterranean lot shall be accurately surveyed.

(v) Boundaries of the subterranean lot shall be surveyed and emplaced with boundary marks as specified in Rule 24 and the

boundaries of the subterranean lot are to include the thickness of walls.

(c) Internal Dimension Survey

(i) The survey shall be carried out in accordance with the Strata Subdivision Survey (Type B Survey) Standards upon completion or near completion of the construction of the structure.

(ii) All distances shall be measured or derived and recorded to the nearest centimetre, 0.01 metre, and check measurements shall be made to ensure that all distances measured are correct.

(iii) The survey shall be carried out to survey the thickness of each floor, ceiling or boundary wall and the vertical height, unless the boundary point falls into inaccessible area where the boundary distance concerned may be deduced from the approved building plan.

(iv) The details of the structures are to be surveyed and shown on the plans.

(v) The thickness of walls is to be shown and a note stating the approved building or structural plan that the thickness of wall is adopted from is to be inserted in the plans.

(vi) The determination of the reduced levels for each floor or stratum for both airspace and subterranean shall be based on bench marks established under the on-ground surface survey and the permissible closing error of the levelling for such purpose shall not exceed $+ 15\sqrt{K}$ mm where K is the length of the level line in kilometres.

(vii) Where reduced levels for the lot cannot be determined by levelling, other means can be utilized to determine the reduced levels subject to approval of the Department.

(viii) The survey shall use such equipment of type, standards and specifications that are capable of readily attaining the standards of accuracy required.

(ix) If an airspace lot or subterranean lot is not limited in height and or depth by a structure which are not fully covered by a structure or do not have a structural base for their entire area, a stratum statement will be required.

(7) Computations

(a) On-Ground Surface Survey

The computations required for On-Ground Surface Survey shall be as specified in rule 21.

(b) Underground Survey

The computations required for Underground Survey shall be as specified in rule 21.

(c) Internal Dimension Survey

(i) The computations required for Internal Dimension Survey shall be as specified in rule 35A.

(ii) Areas shall either be calculated by using the standard Land and Survey Department's Area Computation System or obtained from digital Computer Aided Design (CAD) drawings.

(8) Plans

In connection with subterranean lot or airspace lot survey, the following plans shall be prepared as per guidelines issued by the Department.

(a) Survey Plan (SP or BP) shall be prepared for the On-Ground Surface and Underground Survey; and

(b) Certified Stratum Plan consisting of Delineation Plan, Index Plan and Storey Plan shall be prepared for the Internal Dimension Survey.

Utility surveys

35E.—(1) Utility surveys means surveys for above ground and underground utilities which require the correct interrelation of boundaries or of boundary marks and the making and recording of all measurements and calculations relevant thereto and the drawing and reproduction of plans therefrom.

(2) For the purpose of this rule, "land surveyor" means a registered surveyor licensed in accordance with Section 12 of the Ordinance, and who shall also possess the qualification in utility survey and detection as prescribed by the Board.

(3) A land surveyor shall apply for an utility survey job to commence a survey to the Director who is the data custodian and integrator of all utility data and such application shall set out the purpose and extent of the proposed survey.

(4) The land surveyor shall also be responsible to obtain all clearances, site permission and all data, maps, plans, records, and other necessary information from the relevant authorities before commencing work; or occupying any premise.

(5) Every utility surveying work shall be made under the immediate personal direction and supervision of a land surveyor, and in accordance with these Rules.

(6) (a) The land surveyor shall obtain from the client, all relevant maps and plans showing the location of the proposed site and the extent of the area to be surveyed.

(b) The exact location of the site shall be agreed to by the client before the surveyor proceeds with the survey works.

(c) Notwithstanding the above, the surveyor shall obtain and study all relevant information and maps and plans necessary for the proper execution of the survey works.

(7) Every land surveyor carrying out an utility survey shall take all responsible care to verify the datum adopted and shall furnish full details thereof in his field notes and computations and the final survey plan produced shall be of adequate technical value in accordance with guidelines issued by the Department from time to time.

(8) (a) Upon the completion of the survey work, the land surveyor shall submit to the client two sets of hard and soft copy of the certified Final Report and Utility Survey Plans.

(b) The certified Final Report and Utility Survey Plans shall also be submitted in hard and soft copy to the Director.

(c) Other relevant data, field books, drawings, calculation sheets, and schedules of all permanent ground markers with reference numbers and coordinates, shall be submitted upon request.

General survey

35F.—(1) General survey for development shall be carried out in compliance with Part X of the Land Code [*Cap. 81 (1958 Ed.)*] and rules 24, 28 and 29 of these Rules.

(2) These surveys require the correct interrelation of boundaries or of boundary marks, and the making and recording of all measurements and calculations relevant thereto and the drawing and reproduction of plans therefrom.

(3) General survey for development includes the following:

(a) General Survey;

(b) Site Survey;

- (c) Bridge Site Survey;
 - (d) Earthwork Survey;
 - (e) Verticality Survey;
 - (f) Piling Point Survey;
 - (g) Monitoring Survey; and
 - (h) Joint Verification Survey;
 - (i) Survey for Road and Railway;
 - (j) Survey for Pipeline;
 - (k) Survey for Drainage and Irrigation;
 - (l) Survey for Transmission Line;
 - (m) Survey for Aerial/LiDAR/Unmanned Aerial System Mapping;
- and
- (n) Survey for Territorial Waters.”

Substitution of rule 36

5. The Principal Rules are amended by substituting rule 36 with the following new rule:

“Fees and method of payment

36.—(1) Every land surveyor making or undertaking a cadastral land survey shall charge fees as prescribed in the First Schedule.

(2) Every land surveyor shall not be charging fees less than the amount of the minimum survey fees as prescribed under Tables 1 to 18 in the First Schedule.

(3) The fee shall be deposited with the Board by the client before the cadastral survey is carried out.

(4) In respect of a cadastral survey, the Board shall, after retaining a certain percentage of the fee to be determined by the Board from time to time, for administrative purpose, pay to the land surveyor, in such sums and manner as follows:

- (a) ten percent upon receipt of the survey fee; and
- (b) the balance of survey fees in such sums and manner as the Board may determine during the progress of the work and upon a claim for payment, sixty percent of the fee on completion of the field work; and shall pay a further thirty percent of the fee upon deposit with the Department of

the relevant cadastral survey documents, and a claim for payment of the fee; the balance of the fee shall be paid either within a period of twelve months from the date of such deposit or after the survey plan has been approved by the Director, whichever is the earlier.

(5) Where the fees have been deposited with the Board, the land surveyor shall be paid not less than thirty percent of the total fees deposited with the Board if the client intends to terminate the services of the land surveyor before the commencement of the field work.

(6) Where the cadastral survey has been commenced by a land surveyor and completed by another land surveyor or surveyors the payment of the prescribed fees due in respect of the cadastral survey shall be calculated on the portion of work completed by each land surveyor accordingly.

(7) In the event of any dispute relating to fees or payment thereof, the aggrieved land surveyor shall submit a statement in writing to the Board setting out the grounds upon which his dispute is based and if the Board fails to settle the matter by mutual agreement, it shall appoint an arbitrator to adjudicate in accordance with the provisions of the Arbitration Act, 2005 [Act 646].”

Amendment of rule 37

6. Rule 37 of the Principal Rules is amended by substituting the words “36(2)” in line 2 of sub rule (1) with the words “36(3)”.

Substitution of First Schedule

7. The Principal Rules are amended by substituting the First Schedule with the following new schedule:

“FIRST SCHEDULE

SCALE OF FEES FOR CADASTRAL LAND SURVEYS

(Rule 36)

1. Survey fees for cadastral surveys shall be classified in accordance with the categories of land use such as building, agriculture, industry, mining and other purposes. The surveys shall be carried out in accordance with the procedures fixed by law for the conduct of cadastral surveys.
2. The number of lots for which fees are to be collected and deposited with the Board shall be in accordance with the number of lots as approved in the survey plan.
3. For the purpose of calculation of fees, survey work has been split into separate items with different rates for each item. The survey fee chargeable for each job is the total sum of the fees of all the separate chargeable items.
4. (a) The total survey fees as estimated in accordance with Tables 1-18 shall be deposited with the Board.

- (b) All fees chargeable under Tables 1 to 18 shall be the minimum fees.
- (c) For Table 2 (Survey for Strata Subdivision of Building or Land), the total fees chargeable shall include the preparation of Strata Subdivision Plan, Delineation Survey, Type A Survey and Type B Survey. This total amount shall be deposited with the Board prior to the preparation of the Strata Subdivision Plan.
- (d) For the purpose of this Schedule, “per party day” means work done in a day or part thereof by a survey field party.
- (e) Upon receipt of the survey fees, the Board shall notify and instruct the land surveyor to commence the survey.
- (f) Any adjustment to the survey fee, if any, will be made when the survey has been completed and the Survey Plan lodged with the Department. Any excess in the deposit shall be returned to the depositor and any shortage in the deposit shall be settled by the depositor.
5. In any survey where land for different purposes is surveyed together, the fee shall be charged in accordance with the Table appropriate for each purpose.

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TABLE 1
SURVEY OF LAND FOR DEVELOPMENT

(1) This Table provides the survey fees for survey of land for development. For the purpose of land survey, development of lands is classified as follows:

(a) Land for residential, resettlement scheme, Kampung extension and public utility purposes, for dwelling houses, flats, apartments, hostels, open spaces for recreation, gardens and parks, schools, hospitals, non-profit making institutions and religious purposes.

(b) Land for commercial purposes such as shop houses, cinema complexes, hotels, petrol stations, offices, profit-motivated development.

(c) Land for industrial purposes such as factories, plants, workshops, mills, printing presses, foundries, electrical substations, electrical tower bases, pump houses, sewerage treatment plants and oxidation ponds, and roads.

(d) The calculation of survey fees according to land development classification as specified in subparagraphs (a), (b) and (c) has to take into consideration relevant survey circulars issued by the Land Surveyors Board, Sarawak from time to time.

(e) Land for other purposes, which are not classified under subparagraphs (a), (b), (c) and (d) shall be regulated by Table 7.

(2) The survey fees chargeable for each purpose are applicable to urban, suburban, and rural areas.

(3) The survey fees chargeable for the survey of land for development shall include Tables 1A to 1H.

TABLE 1A
SUB-DIVISION SURVEY OF LAND

(1) This Table provides the survey fees for sub-division survey of land for development. The survey fees shall also apply to re-survey for the re-establishment of boundary marks for any type of land classified under paragraphs (1) and (2) of Table 1 (Survey of Land for Development) and for perimeter survey as required by the State Planning Authority.

(a) Basic charge per job is RM3,380.00.

(b) Charge for professional consultation is 10% of the charges under subparagraphs (1)(c), (d), (e), (f) and (g), where applicable.

(c) Charge for the preparation of pre-computation plan or delineation plan is RM156.00 per lot. The minimum charge for pre-computation plan is RM4,680.00 per job.

(d) Charge for the survey of each old boundary mark is RM780.00.

(e) Charges for survey of each lot for the following purposes as per rates shown below:

	<i>Size of lot</i>	<i>Residential purposes per lot (RM)</i>	<i>Commercial purposes per lot (RM)</i>	<i>Industrial purposes per lot (RM)</i>
(i)	residential and commercial purpose:			
	Up to 100 m ²	827.00	1,389.00	-
	Above 100 m ² but up to 200 m ²	1,248.00	1,498.00	-
	For each additional 100 m ² or part thereof, above the first 200 m ²	39.00	47.00	-
(ii)	industrial purpose:			
	Up to 2,000 m ²	-	-	3,198.00
	For each additional 100 m ² or part thereof, above the first 2,000 m ²	-	-	60.00
(iii)	Charge for traversing and survey of lines including connection for azimuth, connection and controls, and for connection of land parcels to lot boundary and to one another	10.00 per metre	11.00 per metre	12.00 per metre
(iv)	Charge for survey to determine the ends of a party wall boundary of lots on land for building or land parcels	609.00 per wall	734.00 per wall	819.00 per wall
(v)	Charge for survey of block pegging of corners of blocks not exceeding 16 lots with wooden pegs	3,448.00 per block	4,119.00 per block	4,914.00 per block
(vi)	Charge for survey for pegging each lot with wooden pegs	65% of items (i) to (iii)	65% of items (i) to (iii)	65% of items (i) to (iii)
(vii)	Charge for verification survey and certification of the "as-built"	80% of items (i) to (iii) where applicable, plus certification charge of RM5,928.00	80% of items (i) to (iii) where applicable, plus certification charge of RM5,928.00	80% of items (i) to (iii) where applicable, plus certification charge of RM5,928.00

(viii)	Charge for taking offsets to permanent features and determining heights of points for multipurpose cadastre	80% of items (i) to (iii)	80% of items (i) to (iii)	80% of items (i) to (iii)
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(f) Charge for adopting lines is as provided under Item (2)(a) of Table 6 (Survey for Amalgamation of Lots).

(g) Charge for control survey is as provided under Table 11 (Control Traverse) or Table 13 (Point Positioning by Satellites) or both, depending on the requirements.

(h) Less 25% to paragraphs (1)(c), (1)(d) and (1)(e) for each lot intended for low cost housing scheme or estate which has been approved by the State Planning Authority.

(i) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 1B
GENERAL SURVEY

(1) This Table provides the fees for General Survey for Development.

(1.1) The survey fees chargeable under this Table is applicable for each job in all types of General Surveys and shall consist of the following:

(a) Basic charge per job is RM3,380.00.

(b) Charge for traversing including connection for azimuth, connections and controls for accuracy of not less than 1:5,000 is RM8.00 per metre.

(c) Charge for establishing controls by Global Navigation Satellite System (GNSS) point positioning is as provided under Table 13 (Point Positioning by Satellites).

(d) Charge for heighting including for connections and control is as follows:

(i) Heighting by Ordinary Level of accuracy $\pm 0.02\sqrt{k}$ metre is RM2,940.00 per kilometre.

(ii) Heighting by Precise Level of accuracy $\pm 0.003\sqrt{k}$ metre is RM9,658.00 per kilometre.

(iii) Heighting by Vertical Angle is RM1,960.00 per kilometre.

(e) Charge for establishment of Temporary Bench Marks (TBMs) is as follows:

(i) Monumenting with concreting is RM1,040.00 per TBM.

The TBM standard monument shall be constructed out of a one metre length of 40mm diameter galvanized iron pipe set in concrete of dimensions 30cm x 30cm x 30cm to be firmly embedded. The TBM standard monument number of the TBM shall be written on the concrete.

(ii) Monumenting without concreting is RM780.00 per TBM.

The TBM standard monument shall be constructed out of a one metre length of 40mm diameter galvanized iron pipe to be firmly embedded. Alternatively, TBMs can also be placed on permanent structures (culverts, concrete slabs, bridge abutments, *etc.*)

- (f) Add 30% to subparagraphs (b), (d) and (e) for tidal or swampy areas.
- (g) In restricted or risk areas:
- (i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (1.1)(a), (b), (d), (e) and (f) are applicable;
 - (ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (1.1)(a), (b), (d), (e) and (f) are applicable; or
 - (iii) Where there is a waiting time after mobilization, charge at RM3,380.00 per party day shall be applicable.
- (h) The above charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest point accessible by motorable road or navigable river. For distances beyond the first 1 kilometre, the additional charges are to be applied as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charge</i>
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (1.1)(a), (b), (d), (e) and (f)
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (1.1)(a), (b), (d), (e) and (f)
Above 10 kilometres	additional 70% to the charges under subparagraphs (1.1)(a), (b), (d), (e) and (f)

- (i) Charge for preparation of Land Acquisition Plans is as follows:
- (i) Basic charge per job of RM3,380.00.
 - (ii) Charge for all certified plans and cadastral sheets purchased for compilation/preparation of the Land Acquisition Plans is as provided under Table 15 (Reimbursement).
 - (iii) Charge for time involved for search at the Land Office and other Government Departments is RM39.00 per hour plus travelling expenses chargeable as provided under Table 15 (Reimbursement).
 - (iv) Charge for computation and plan drawing is RM195.00 per lot subject to a minimum charge of RM3,900.00 per job.

- (v) Land Acquisition Plans shall be compiled from the Department's cadastral sheets, and on the same scale.
- (j) Charge for processing, conversion and translation of digital data from DWG format to a designated format is 20% of the total survey fees.
- (k) Charge for the transformation of coordinates is RM65.00 per point subject to a minimum charge of RM1,300.00 per job.
- (l) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.
- (2) This Table provides the fees for survey of sites for buildings, dams, traffic interchanges, road junctions, ground truthing and any site for development and construction.
- (2.1) The survey fees chargeable for site survey under this Table for each job shall consist of the following charges:
- (a) Basic charge per job is RM3,380.00.
- (b) Charge for demarcation of boundaries and traversing including connection for azimuth, connections and controls is as provided under subparagraph (1.1)(b) of Table 1B (General Survey).
- (c) Charge for establishing controls by Global Navigation Satellite System (GNSS) point positioning is as provided under Table 13 (Point Positioning by Satellites).
- (d) Charge for height control and connections is as provided under subparagraph (1.1)(d) of Table 1B (General Survey).
- (e) Charge for monumenting of Temporary Bench Marks (TBMs) is as provided under subparagraph (1.1)(e) of Table 1B (General Survey).
- (f) Charge for Topographical Survey is as follows:
- (i) For contour intervals of 1 metre with spot levels at 20 metre intervals:

<i>Area</i>	<i>Charge per hectare (RM)</i>
For site up to 1 hectare	7,600.00
For site above 1 hectare and up to 5 hectares, charge for each additional hectare	4,500.00
For site above 5 hectares and up to 10 hectares, charge for each additional hectare	4,020.00
For site above 10 hectares, charge for each additional hectare	4,000.00

- (ii) For contour intervals of 2 metres with spot levels at 20 metre intervals:

<i>Area</i>	<i>Charge per hectare (RM)</i>
For site up to 1 hectare	6,700.00
For site above 1 hectare and up to 5 hectares, charge for each additional hectare	3,900.00
For site above 5 hectares, charge for each additional hectare	3,400.00

- (iii) For contour intervals of 3 metres with spot levels at 20 metre intervals:

<i>Area</i>	<i>Charge per hectare (RM)</i>
For site up to 1 hectare	6,500.00
For site above 1 hectare and up to 5 hectares, charge for each additional hectare	3,500.00
For site above 5 hectares, charge for each additional hectare	3,050.00

- (g) Charge for survey by Grid Heighting is as follows:

(i) For spot heights taken at grid intervals of 10 metres, the rate is RM18,590.00 per kilometre.

(ii) For spot heights taken at grid intervals of 20 metres and above, the rate is RM9,295.00 per kilometre.

(iii) For spot heights taken at grid intervals of less than 10 metres, the charge is increased proportionately.

(iv) The minimum fee shall be RM6,760.00.

- (h) Add 30% to subparagraphs (2.1)(b), (d), (e), (f) and (g) for swampy or tidal conditions.

- (i) In restricted or risk areas:

(i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (2.1)(a), (b), (d), (e), (f) and (g) is applicable;

(ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (2.1)(a), (b), (d), (e), (f) and (g) is applicable; or

(iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.

(j) The above charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distances beyond the first 1 kilometre, the additional charges are to be applied as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charge</i>
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (2.1)(a), (b), (d), (e), (f) and (g)
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (2.1)(a), (b), (d), (e), (f) and (g)
Above 10 kilometres	additional 70% to the charges under subparagraphs (2.1)(a), (b), (d), (e), (f) and (g)

(k) Charge for preparation of Land Acquisition Plans is as provided under subparagraph (1.1)(l) of Table 1B (General Survey).

(l) Charge for processing, conversion and translation of digital data together with quality assurance is as provided under subparagraph (1.1)(j) of Table 1B (General Survey).

(m) Charge for transformation of coordinates is as provided under subparagraph (1.1)(k) of Table 1B (General Survey).

(n) Charge for supply of plans and documents is as provided under Table 16 (Supply of Transparencies and Additional Prints).

(o) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

(3) This Table provides the fees for survey of Bridge Sites.

(3.1) The survey fees chargeable for Bridge Site Survey under this Table for each job shall consist of the following charges:

(a) Basic charge per job is RM 3,380.00.

(b) Charge for demarcation of boundaries and traversing including connection for azimuth, connections and controls is as provided under subparagraph (1.1)(b) of Table 1B.

(c) Charge for establishing controls by Global Navigation Satellite System (GNSS) point positioning is as provided under Table 13 (Point Positioning by Satellites).

(d) Charge for height control and connections is as provided under subparagraph (1.1)(d) of Table 1B (General Survey).

(e) Charge for monumenting of Temporary Bench Marks (TBMs) is as provided under subparagraph (1.1)(e) of Table 1B (General Survey).

(f) Charge for survey of Bridge Site with spot levels at 20m intervals, is RM18,590.00 per hectare, excluding the generally wetted area.

(g) Charge for cross sectioning with sounding is RM27,040.00 per kilometre with spot levels taken at 10 metre intervals. For spot levels taken at less than 10 metre intervals, the charge is increased proportionately.

(h) Charge for mobilization and demobilization of boat is RM2,080.00 per boat, boat rental at RM1,040.00 per boat per day.

(i) In restricted or risk areas:

(i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (3.1)(a),(b), (e), (f), (g) and (h) is applicable; or

(ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (3.1)(a),(b), (e), (f), (g) and (h) is applicable; and

(iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.

(j) The above charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distances beyond the first 1 kilometre, the additional charges are to be applied as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charge</i>
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (3.1)(a), (b), (d), (e), (f) and (g)
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (3.1)(a), (b), (d), (e), (f) and (g)
Above 10 kilometres	additional 70% to the charges under subparagraphs (3.1)(a), (b), (d), (e), (f) and (g)

(k) Charge for preparation of Land Acquisition Plans is as provided under subparagraph (1.1)(i) of Table 1B (General Survey).

(l) Charge for processing, conversion and translation of Digital Data is as provided under subparagraph (1.1)(j) of Table 1B (General Survey).

(m) Charge for transformation of coordinates is as provided under subparagraph (1.1)(k) of Table 1B (General Survey).

(n) Charge for supply of plans and documents is as provided under Table 16 (Supply of Transparencies and Additional Prints).

(o) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

(4) This Table provide the fees for Survey and Calculation of Earthworks between the surveyed surfaces and a fixed platform level. For volume calculation between the surveyed surfaces and a designed platform, an additional 50% is added to the charge under subparagraph (4.1)(i) below.

(4.1) The survey fees chargeable for Earthworks Survey under this Table for each job shall consist of the following charges:

(a) Basic charge per job is RM3,380.00.

(b) Charge for demarcation of boundaries and traversing including connection for azimuth, connections and controls is as provided under subparagraph (1.1)(b) of Table 1B (General Survey).

(c) Charge for establishing controls by Global Navigation Satellite System (GNSS) point positioning is as provided under Table 13 (Point Positioning by Satellites).

(d) Charge for height control and connections is as provided under subparagraph (1.1)(d) of Table 1B (General Survey).

(e) Charge for monumenting of Temporary Bench Marks (TBMs) is as provided under subparagraph (1.1)(e) of Table 1B (General Survey).

(f) Charge for site survey is as provided under paragraph (2) of Table 1B (General Survey).

(g) In restricted or high risk areas:

(i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (4.1)(a), (c), (d), (e), and (f) is applicable;

(ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (4.1)(a), (c), (d), (e), and (f) is applicable;

(iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.

(h) The above charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distances beyond the first 1 kilometre, the additional charges are to be applied as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charge</i>
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (4.1)(a), (b), (d), (e) and (f)
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (4.1)(a), (b), (d), (e) and (f)
Above 10 kilometres	additional 70% to the charges under subparagraphs (4.1)(a), (b), (d), (e) and (f)

(i) Charge for processing, conversion and translation of digital data is as provided under subparagraph (1.1)(j) of Table 1B (General Survey).

(j) Charge for supply of plans and documents is as provided under subparagraph (1.1)(l) of Table 1B (General Survey).

(k) Charge for Volume Calculations is as follows:

<i>Area</i>	<i>Charges (RM)</i>
Area less than 1 hectare	6,760.00
Area more than 1 hectare and up to 10 hectares	10,140.00
Area more than 10 hectares and up to 50 hectares	13,520.00
Area more than 50 hectares - the rates shall be increased proportionately at intervals of 50 hectares	13,520.00 per 50 hectares

(l) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

(5.0) This Table provides the fees for Verticality Survey for buildings with connection to control points for every 5th floor or less.

(5.1) The survey fees chargeable for Verticality Survey under this Table for each job shall consist of the following charges:

(a) Basic charge per job is RM 3,380.00.

(b) Charge for traversing including connection for azimuth, connections and controls is as provided under subparagraph (1.1)(b) of Table 1B (General Survey) with additional of 50% of the actual rate.

(c) Charge for height control and connections is as provided under subparagraph (1.1)(d) of Table 1B (General Survey) with an additional charge of 50% of the actual rate.

(d) Charge for monumenting of Temporary Bench Marks (TBMs) is as provided under subparagraph (1.1)(e) of Table 1B (General Survey).

(e) Charge for verticality survey points is RM169.00 per point with a minimum charge of RM3,380.00.

(f) Charge for preparing and submitting the survey result in a designated format is RM5,850.00 per report, and the report is submitted for every 5th floor or less.

(g) Charge for supply of plan and document is as provided under subparagraph (1.1)(l) of Table 1B (General Survey).

(h) In restricted or risk areas:

(i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (5.1)(a), (b), (c), (d) and (e) is applicable; or

(ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (5.1)(a), (b), (c), (d) and (e) is applicable; and

(iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.

(i) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

(6.0) This Table provides the fees for Survey of Piling Points.

(6.1) The survey fees chargeable for the Piling Point Survey under this Table for each job shall consist of the following:

(a) Basic charge per job is RM 3,380.00.

(b) Charge for traversing including connection for azimuth, connections and controls is as provided under subparagraph (1.1)(b) of Table 1B (General Survey).

(c) Charge for height control and connections is as provided under subparagraph (1.1)(d) of Table 1B (General Survey).

(d) Charge for monumenting of TBMs is as provided under subparagraph (1.1)(e) of Table 1B (General Survey).

(e) Charge for setting out and as-built piling point survey is as follows:

(i) For setting out is RM65.00 per point.

- (ii) For as-built point survey is RM39.00 per point.
 - (iii) The minimum charge is RM3,380.00.
 - (iv) For block pegging for piling is RM3,380.00 per block.
 - (v) For setting out grid line - as provided under subparagraph (1.1)(b) of Table 1B (General Survey) subject to a minimum charge of RM3,380.00.
- (f) In restricted or high risk areas:
- (i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (6.1)(a), (b), (c), (d) and (e) is applicable;
 - (ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (6.1)(a), (b), (c), (d) and (e) is applicable; or
 - (iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.
- (g) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.
- (7.0) This Table provides the fee for Monitoring Survey.
- (7.1) The survey fees chargeable for Monitoring Survey under this Table for each job shall consist of the following:
- (a) Basic charge per job is RM3,380.00.
 - (b) Charge for traversing including connection for azimuth, connections and controls is as provided under subparagraph (1.1)(b) of Table 1B (General Survey).
 - (c) Charge for height control and connections is as provided under subparagraph (1.1)(d) of Table 1B (General Survey).
 - (d) Charge for monumenting of Temporary Bench Marks (TBMs) is as provided under subparagraph (1.1)(e) of Table 1B (General Survey).
 - (e) Charge for site survey is as provided for under subparagraph (2) of Table 1B (General Survey).
- (f) In restricted or high risk areas:
- (i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (7.1)(a), (b), (c), (d) and (e) is applicable; or
 - (ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (7.1)(a), (b), (c), (d) and (e) is applicable; or

(iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.

(g) The above charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distances beyond the first 1 kilometre, the additional charges are to be applied as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charge</i>
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (7.1)(a), (b), (c) and (d)
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (7.1)(a), (b), (c) and (d)
Above 10 kilometres	additional 70% to the charges under subparagraphs (7.1)(a), (b), (c) and (d)

(h) Charge for processing, conversion and translation of digital data is as provided under subparagraph (1.1)(j) of Table 1B (General Survey).

(i) Charge for monitoring of settlement points is RM130.00 per point subject to a minimum charge of RM3,380.00 per day.

(j) Charge for construction of monitoring points is reimbursable.

(k) Charge for submitting the survey results in a designated format is RM5,850.00. The report will include the periodic or non-periodic report with tabulated deviation data for period comparison.

(l) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

(8.0) This Table provides the fees for Joint Verification Survey.

(8.1) The survey fees chargeable for Joint Verification Survey under this Table for each job shall consist of the following:

(a) Charge for traversing including connection for azimuth, connections and controls is as provided under subparagraph (1.1)(b) of Table 1B (General Survey).

(b) Charge for height control and connections is as provided under subparagraph (1.1)(d) of Table 1B (General Survey).

(c) Charge for monumenting of Temporary Bench Marks (TBMs) is as provided under subparagraph (1.1)(e) of Table 1B (General Survey).

(d) Charge for any type of survey required is as provided under the relevant paragraph.

(e) Charge for Joint Verification Survey is RM3,380.00 per day.

(f) Charge for survey results to be submitted in a designated format is RM5,850.00 per report.

(g) In restricted or high risk areas:

(i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (8.1)(a), (b), (c), (d) and (e) is applicable;

(ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (8.1)(a), (b), (c), (d) and (e) is applicable; or

(iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.

(h) The above charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distances beyond the first 1 kilometre, the additional charges are to be applied as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charge</i>
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (8.1)(a), (b), (c), (d) and (e)
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (8.1)(a), (b), (c), (d) and (e)
Above 10 kilometres	additional 70% to the charges under subparagraphs (8.1)(a), (b), (c), (d) and (e)

(i) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 1C
SURVEY FOR ROAD AND RAILWAY

- (1) This Table provides the fees for survey of Road and Railway.
- (2) The survey fees chargeable for the survey of Road and Railway under this Table for each job shall consist of the following charges:
 - (a) Basic charge per job is RM 3,380.00.
 - (b) Charge for traversing including connection for azimuth, connections and controls is provided under subparagraph (1.1)(b) of Table 1B (General Survey).
 - (c) Charge for establishing controls by Global Navigation Satellite System (GNSS) point positioning is as provided under Table 13 (Point Positioning by Satellites).
 - (d) Charge for height control and connections is as provided under subparagraph (1.1)(d) of Table 1B (General Survey).
 - (e) Charge for the survey of each boundary mark is RM780.00.
 - (f) Charge for monumenting of Temporary Bench Marks (TBMs) is as provided under subparagraph (1.1)(e) of Table 1B (General Survey).
 - (g) Charge for Ground Survey of Road and Railway is as follows:
 - (i) Survey for the first 20 metre corridor width with spot levels at 20 metre intervals is RM49,040.00 per kilometre;
 - (ii) For every increment of 10 metre corridor width or part thereof, the additional rate is RM7,321.00 per kilometre.
 - (h) Charge for Final Setting Out of Road and Railway is as follows:
 - (i) Setting out of centre line of road and railway from Intersection Point (IP) to IP with chainage pegs at 20 metre intervals and longitudinal profile, is RM34,389.00 per kilometer;
 - (ii) Setting out of road reserve boundaries is RM8,451.00 per kilometre.
 - (i) Charge for setting out of the centre line of road and railway from IP to IP with chainage pegs at 20 metre intervals, longitudinal profile and curve setting, is RM37,135.00 per kilometre.
 - (j) Charge for As-Built Survey of Road and Railway is as follows:
 - (i) As Built Survey for first 20 metre corridor width is RM34,675.00 per kilometer;
 - (ii) For every increment of 10 metre width or part thereof, the additional rate is RM7,321.00 per kilometre.
 - (k) Charge for connection to reference markers is as follows:
 - (i) Traversing including connection for azimuth, connections and controls is as provided under subparagraph (1.1)(b) of Table 1B (General Survey); and

- (ii) Height control and connections is as provided under subparagraph (1.1)(d) of Table 1B (General Survey).
- (l) Add 30% to subparagraphs (2)(b), (c), (d), (e), (f), (g), (h), (i), (j) and (k) for swampy or tidal conditions.
- (m) In restricted or high risk areas:
- (i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (2)(a), (b), (c), (d), (e), (f), (g), (h), (i), (j) and (k) is applicable;
- (ii) where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (2)(a), (b), (c), (d), (e), (f), (g), (h), (i), (j) and (k) is applicable; or
- (iii) where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.
- (n) The above charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest point accessible by motorable road or navigable river. For distances beyond the first 1 kilometre, the additional charges are to be applied as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charge</i>
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (2)(a), (b), (c), (d), (e), (f), (g), (h), (i), (j) and (k)
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (2)(a), (b), (c), (d), (e), (f), (g), (h), (i), (j) and (k)
Above 10 kilometres	additional 70% to the charges under subparagraphs (2)(a), (b), (c), (d), (e), (f), (g), (h), (i), (j) and (k)

- (o) Charge for preparation of Land Acquisition Plans is as provided under subparagraph (1.1)(i) of Table 1B (General Survey).
- (p) Charge for processing, conversion and translation of Digital Data is as provided under subparagraph (1.1)(j) of Table 1B (General Survey).
- (q) Charge for transformation of coordinates is as provided under subparagraph (1.1)(k) of Table 1B (General Survey).
- (r) Charge for supply of plans and documents is as provided under Table 16 (Supply of Transparencies and Additional Prints).
- (s) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 1D
SURVEY FOR PIPELINE

- (1) This Table provides the fees for survey of pipeline.
- (2) The survey fees chargeable for the survey of pipeline under this Table for each job shall consist of the following charges:
- (a) Basic charge per job is RM3,380.00.
 - (b) Charge for traversing including connection for azimuth, connections and controls is as provided under subparagraph (1.1)(b) of Table 1B (General Survey).
 - (c) Charge for establishing controls by Global Navigation Satellite System (GNSS) point positioning is as provided under Table 13 (Point Positioning by Satellites).
 - (d) Charge for height control and connections is as provided under subparagraph (1.1)(d) of Table 1B (General Survey).
 - (e) Charge for the survey of each old boundary mark is RM780.00.
 - (f) Charge for monumenting of Temporary Bench Marks (TBM) is as provided under subparagraph (1.1)(e) of Table 1B (General Survey).
 - (g) Charge for Ground Survey of pipeline is as follows:
 - (i) Survey for the first 10m corridor width with spot levels at 20m intervals is RM39,290.00 per kilometre;
 - (ii) For every increment of 10m corridor width or part thereof, the additional rate is RM5,665.00 per kilometre.
 - (h) Charge for Final Setting out of the centre line of Pipeline from IP to IP with chainage pegs at 20 metre intervals is RM33,543.75.
 - (i) Charge for setting out of Reserve Boundaries is as provided under subparagraph (2)(h)(ii) of Table 1C (Road and Railway Survey).
 - (j) Charge for As Built Survey of Pipeline is as provided under subparagraph (2)(j) of Table 1C (Road and Railway Survey) .
 - (k) Charge for survey of site with 0.5 metre contour with spot levels at 20 metre intervals is RM4,506.67 per hectare.
 - (i) In event the subject site is more than one hectare, then the charge shall be increased proportionately;
 - (ii) Where the subject site is less than one hectare, then the charge for minimum fees is RM6,760.00.
 - (l) Add 30% to subparagraphs (2)(b), (d), (e), (f), (g), (h), (i), (j) and (k) for swampy or tidal conditions.
 - (m) In restricted or high risk areas:

(i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j) and (k) is applicable;

(ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j) and (k) is applicable; or

(iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.

(n) The above charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distances beyond the first 1 kilometre, the additional charges are to be applied as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charge</i>
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j) and (k)
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j) and (k)
Above 10 kilometres	additional 70% to the charges under subparagraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j) and (k)

(o) Charge for preparation of Land Acquisition Plans is as provided under subparagraph (1.1)(i) of Table 1B (General Survey).

(p) Charge for processing, conversion and translation of Digital Data is as provided under subparagraph (1.1)(j) of Table 1B (General Survey).

(q) Charge for transformation of coordinates is as provided under subparagraphs (1.1)(k) of Table 1B (General Survey).

(r) Charge for supply of plans and documents is as provided under Table 16 (Supply of Transparencies and Additional Prints).

(s) Charges for attendance, meetings, reimbursements and supply of additional transparencies and prints, mobilization and demobilization where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 1E
SURVEY FOR DRAINAGE AND IRRIGATION

- (1) This Table provides the fees for the survey for Drainage and Irrigation.
- (2) The survey fees chargeable for the survey of Drainage and Irrigation under this Table for each job shall consist of the following charges:
- (a) Basic charge per job is RM3,380.00.
 - (b) Charge for traversing including connection for azimuth, connections and controls is as provided under subparagraph (1.1)(b) of Table 1B (General Survey).
 - (c) Charge for Point Positioning by Global Navigation Satellite System (GNSS) is as provided under Table 13 (Point Positioning by Satellites).
 - (d) Charge for height control for connections and control is as provided under subparagraph (1.1)(d) of Table 1B (General Survey).
 - (e) Charge for the survey of each old boundary mark is RM780.00.
 - (f) Charge for establishment of Temporary Bench Marks (TBM) is as provided under subparagraph (1.1)(e) of Table 1B (General Survey).
 - (g) Charge for the Topographical Site Survey is follows:
 - (i) Site survey is as provided under subparagraph (2.1)(f) of Table 1B (General Survey);
 - (ii) Site survey by grid line is as provided under subparagraph (2.1)(g) of Table 1B (General Survey).
 - (h) Charge for Waterways (inclusive of Lakes, Ponds and Reservoirs) Survey is as follows:
 - (i) Site survey is as provided under subparagraph (2.1)(f) of Table 1B (General Survey);
 - (ii) If the depth of the route, waterways, drains and canals at the time of survey is more than 1 metre, the charge shall be as per item (3.1)(g) of Table 1B (General Survey).
 - (i) Charge for setting out of centre line of proposed Route, Waterways, Canals and Drains is as follows:
 - (i) Setting out of centre line at 50 metre intervals is RM25,773.00 per kilometre;
 - (ii) Where the interval is less or more than 50 metres, the rate shall be increased or decreased proportionately.
 - (j) Charge for setting out of centre line of existing Route, Waterways, Canals and Drains is as follows:
 - (i) Charge for setting out of centre line at 50 metre intervals is RM27,463.00 per kilometre;
 - (ii) Where the interval is less or more than 50 metres, the rate shall be increased or decreased proportionately.

- (k) Charge for site survey is as provided under paragraph (2.1)(f) of Table 1B (General Survey).
- (l) Charge for setting out of the waterway reserve is RM9,718.00 per kilometre.
- (m) Add 30% to subparagraphs (2)(b), (d), (e), (f), (g), (h), (i), (j), (k) and (l) for swampy or tidal conditions.
- (n) In restricted or high risk areas:
- (i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j), (k) and (l) is applicable;
 - (ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j), (k) and (l) is applicable; or
 - (iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.
- (o) The above charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest point accessible by motorable road or navigable river. For distances beyond the first 1 kilometre, the additional charges are to be applied as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charge</i>
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j), (k) and (l)
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j), (k) and (l)
Above 10 kilometres	additional 70% to the charges under subparagraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j), (k) and (l)

- (p) Charge for the preparation of Land Acquisition Plans is as provided under subparagraphs (1.1)(i) of Table 1B (General Survey).
- (q) Charge for processing, conversion and translation of digital data is as provided under subparagraph (1.1)(j) of Table 1B (General Survey).
- (r) Charge for supply of Plans and Documents is as provided under Table 16 (Supply of Transparencies and Additional Prints).
- (s) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 1F
SURVEY FOR TRANSMISSION LINE

- (1) This Table provides the fees for survey for the Transmission Line.
- (2) The survey fees chargeable for the survey for Transmission Line under this Table for each job shall consist of the following charges:
 - (a) Basic charge per job is RM3,380.00
 - (b) Charge for demarcation of boundaries and traversing including connection for azimuth, connections and controls is as provided under subparagraph(1.1)(b) of Table 1B (General Survey).
 - (c) Charge for establishing controls by Global Navigation Satellite System (GNSS) point positioning is as provided under Table 13 (Point Positioning by Satellites).
 - (d) Charge for height control and connections is as provided under subparagraph (1.1)(d) of Table 1B (General Survey).
 - (e) Charge for the survey of each boundary mark is RM780.00.
 - (f) Charge for monumenting of Temporary Bench Marks (TBMs) is as provided under subparagraph (1.1)(e) of Table 1B (General Survey).
 - (g) Charge for Preliminary Route Alignment Survey is RM3,380.00 per kilometre.
 - (h) Charge for Final Route Alignment Survey is RM21,337.00 per kilometre.
 - (i) Charge for Survey of Strip for route alignment is RM2,704.00 per hectare.
 - (j) Charge for survey of 10 metres width for side slopes is RM308.00 per section.
 - (k) Charge for survey setting out of Tower/Pylon positions is RM1,503.00 per tower/pylon.
 - (l) Charge for Site Survey of Tower/Pylon is RM1,503.00 per tower/pylon.
 - (m) Charge for setting out of Reserve Boundary is as follows:
 - (i) RM8,661.00 per kilometre for 30 metre Reserve Boundary.
 - (ii) RM8,873.00 per kilometre for 40 metre Reserve Boundary.
 - (iii) RM9,507.00 per kilometre for 50 metre Reserve Boundary.
 - (n) Charge for marking of trees within the Reserve Boundary is RM3,182.00 per hectare.
 - (o) Add 30% to subparagraphs (2)(b), (d), (e), (f), (g), (h), (i), (j), (k), (l) and (m) for swampy or tidal conditions.
 - (p) In restricted or risk areas:
 - (i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under paragraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j), (k), (l) and (m) is applicable;

(ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under paragraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j), (k), (l) and (m) is applicable; or

(iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.

(q) The above charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distances beyond the first 1 kilometre, the additional charges are to be applied as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charge</i>
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j), (k), (l) and (m)
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j), (k), (l) and (m)
Above 10 kilometres	additional 70% to the charges under subparagraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j), (k), (l) and (m)

(r) Charge for preparation of Land Acquisition Plans is as provided under subparagraph (1.1)(k) of Table 1B (General Survey).

(s) Charge for processing, conversion and Translation of Digital Data is as provided under subparagraph (1.1)(j) of Table 1B (General Survey).

(t) Charge for transformation of coordinates is as provided under subparagraph (1.1)(m) of Table 1B (General Survey).

(u) Charge for supply of plans and documents is as provided under Table 16 (Supply of Transparencies and Additional Prints).

(v) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 1G
SURVEY FOR AERIAL/LiDAR /UNMANNED AERIAL SYSTEM MAPPING

(1) This Table provides the survey fees for Aerial/LiDAR/Synthetic Radar (SAR)/Unmanned Aerial System (U.A.S.) mapping, for the following purposes:

(a) Category A - preliminary surveys for road and railway, pipeline, waterway and transmission line; and

(b) Category B - master plan studies, feasibility studies, and others.

(2) The survey fees chargeable under this Table for each job shall consist of the following charges:

(a) Basic charge per job is RM3,380.00.

(b) Charge for traversing including connection for azimuth, connections and controls is as provided under subparagraph (1.1)(b) of Table 1B (General Survey).

(c) Charge for establishing control by Global Navigation Satellite System (GNSS) is as provided under Table 13 (Point Positioning by Satellites).

(d) Charge for height control for connections and control is as provided under subparagraph (1.1)(d) of Table 1B (General Survey).

(e) Charge for ground truthing survey is as provided under Table 1B (General Survey).

(f) Charge for Aerial LiDAR Mapping is as follows:

	<i>Size of land</i> (hectare)	<i>Category A</i> (RM/hectare)	<i>Category B</i> (RM/hectare)
(i)	Up to 1,000 hectares	732.00	549.00
(ii)	For each additional hectare or part thereof above 1,000 hectares, but up to 2,000 hectares	732.00	412.00
(iii)	For each additional hectare or part thereof above 2,000 hectares, but up to 3,000 hectares	732.00	309.00
(iv)	For each additional hectare or part thereof above 3,000 hectares	732.00	232.00
(v)	Minimum charge	100,000.00	50,000.00

(g) Charge for Aerial Photogrammetric Survey is as follows:

	<i>Size of land</i> (hectare)	<i>Category A</i> (RM/hectare)	<i>Category B</i> (RM/hectare)
(i)	Up to 1,000 hectares	497.00	373.00
(ii)	For each additional hectare or part thereof above 1,000 hectares, but up to 2,000 hectares	497.00	280.00
(iii)	For each additional hectare or part thereof above 2,000 hectares, but up to 3,000 hectares	497.00	210.00
(iv)	For each additional hectare or part thereof above 3,000 hectares	497.00	158.00
(v)	Minimum charge	50,000.00	40,000.00

(h) Charge for Aerial Video Photography is as follows:

	<i>Size of land</i> (hectare)	<i>Category A</i> (RM/hectare)	<i>Category B</i> (RM/hectare)
(i)	Up to 1,000 hectares	169.00	127.00
(ii)	For each additional hectare or part thereof above 1,000 hectares, but up to 2,000 hectares	169.00	95.00
(iii)	For each additional hectare or part thereof above 2,000 hectares, but up to 3,000 hectares	169.00	71.00
(iv)	Above 3,000 hectares	169.00	53.00
(v)	Minimum charge	20,000.00	15,000.00

(i) In restricted or high risk areas:

(i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (2)(a), (b), (d), (f), (g) and (h) is applicable; or

(ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (2)(a), (b), (d), (f), (g) and (h) is applicable.

(j) The above charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distances beyond the first 1 kilometre, the additional charges are to be applied as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charge</i>
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (2)(a), (b), (d), (f), (g), and (h)
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (2)(a), (b), (d), (f), (g), and (h)
Above 10 kilometres	additional 70% to the charges under subparagraphs (2)(a), (b), (d), (f), (g), and (h)

(k) Charge for the following items are reimbursable in addition to Table 15 (Reimbursement):

- (i) cost of chartering of aircraft and unmanned aerial systems;
- (ii) cost of rental of equipment such as camera and navigation equipment;
- (iii) cost of photographic materials such as aerial film, paper, diapositives, chemicals and processing;
- (iv) cost of security supervision; and
- (v) cost of maps, plans and documents.

(l) Charge for professional consultation for Aerial LiDAR Mapping, Aerial Photogrammetric Survey or Aerial Video Photography is 25% of the actual cost under subparagraph (2)(k).

(m) Where there is a waiting time after mobilization due to circumstances beyond the control of the land surveyor, an charge of RM3,380.00 per day shall be applicable.

(n) Charge for processing, conversion and translation of digital data is as provided under subparagraph (1.1)(l) of Table 1B (General Survey).

(o) Charge for transformation of coordinates is as provided under subparagraphs (1.1)(k) of Table 1B (General Survey).

(p) Charge for supply of plans and documents is as provided under Table 16 (Supply of Transparencies and Additional Prints).

(q) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 1H
SURVEY FOR TERRITORIAL WATERS

- (1) This Table provides the fees for Coastal Hydrographic Surveys in support of the following:
- (a) Management of coastal zones;
 - (b) Hydrographic survey of deltaic regions and river mouths up to two kilometres upstream of the river mouth;
 - (c) Development of coastal engineering, property, infrastructure projects and activities; and
 - (d) Management and development of jetties, ports, harbours and associated maritime facilities.
- (2) The survey fees chargeable for the survey of territorial waters under this Table for each job shall consist of the following charges:
- (a) Basic charge per job is RM3,380.00.
 - (b) Charge for traversing is as provided under subparagraph (1.1)(b) of Table 1B (General Survey).
 - (c) Charge for establishing controls by Global Navigation Satellites System (GNSS) point positioning is as provided under Table 13 (Point Positioning by Satellites).
 - (d) Charge for height control and connections is as provided under subparagraph (1.1)(d) of Table 1B (General Survey).
 - (e) Charge for monumenting of Temporary Bench Marks (TBMs) is as provided under subparagraph (1.1)(e) of Table 1B (General Survey).
 - (f) Charge for site survey is as provided under subparagraph (2.1) of Table 1B (General Survey).
 - (g) Shoreline Profiling
 - (i) Charge for topographical (onshore) profiling is RM9,295.00 per kilometre.
 - (ii) Charge for bathymetric (offshore) profiling is RM1,521.00 per kilometre, subject to a minimum charge of RM10,296.00.
 - (h) Tidal Observation
 - (i) The charge for installing an automatic water level recording gauge is RM12,350.00.
 - (ii) The charge for measurement and data processing for 14 days or less is RM17,160.00.
 - (iii) The charge for measurement and data processing for 30 days is RM41,600.00.
 - (iv) The charge for measurement and data processing for more than 30 days or less than 30 days but more than 14 days is computed proportionately.
 - (i) Direct Reading
 - (i) The charge for installation of a Tide Pole is RM3,120.00.

- (ii) The charge for Tidal Observation is RM65.00 per hour subject to a minimum charge of RM3,380.00 per job.
- (j) Self Recording Current Measurement
 - (i) The charge for installation per instrument is RM24,050.00.
 - (ii) The charge for measurement and data processing for 14 days or less is RM67,210.00.
 - (iii) The charge for measurement and data processing for 30 days is RM135,590.00.
 - (iv) The charge for measurement and data processing for more than 30 days or less than 30 days but more than 14 days is computed proportionately.
- (k) Direct Reading Current Measurement
 - (i) The charge for the preparation and set up is RM6,175.00.
 - (ii) The charge for direct observation is RM1,040.00 per hour.
 - (iii) The charge for in-situ observation of current speed and direction is subject to a minimum charge of RM13,390.00 per job.
- (l) Seawater Temperature and Salinity Measurement
 - (i) The charge for installation is RM6,175.00 per location.
 - (ii) The charge for in-situ (direct) observation of seawater temperature and salinity is RM1,040.00 per hour subject to a minimum of RM13,390.00 per job.
- (m) Seabed (Grab) Soil Sampling
 - (i) The charge is RM780.00 per sample subject to a minimum charge of RM4,290.00.
- (n) Seawater Sampling
 - (i) The charge is RM858.00 per sample subject to a minimum charge of RM4,290.00.
- (o) Add 30% to subparagraphs (2.1)(b), (d), (e), (f) and (g) for swampy or tidal conditions.
- (p) In restricted or high risk areas:
 - (i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (2.1)(a), (b), (d), (e), (f), (g), (h), (i), (j), (k), (l) and (m) are applicable;
 - (ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (2.1)(a), (b), (d), (e), (f), (g), (h), (i), (j), (k), (l) and (m) are applicable; or
 - (iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.

(q) The above charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest point accessible by motorable road or navigable river. For distances beyond the first 1 kilometre, the additional charges are to be applied as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charge</i>
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j), (k), (l) and (m)
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j), (k), (l) and (m)
Above 10 kilometres	additional 70% to the charges under subparagraphs (2)(a), (b), (d), (e), (f), (g), (h), (i), (j), (k), (l) and (m)

(r) Charge for processing, conversion and transformation of digital data is 20% of the total survey fees.

(s) Charge for preparation of Report is 5% of the total survey fees subject to a minimum of RM8,580.00 per job.

(t) The charge for the supply of plans and documents is as provided under Table 16 (Supply of Transparencies and Additional Prints).

(u) Charges for attendance, meetings, reimbursement, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 2
SURVEY FOR STRATA SUBDIVISION OF BUILDING OR LAND

This Table provides the survey fees for the Strata subdivision of building or land for the issuance of Strata (Subsidiary) Titles and designation of limited common properties under the Strata (Subsidiary Titles) Ordinance, 2019 [Cap. 75].

(1) Charge for professional consultation is 10% of the charges under paragraphs (2) to (14) in this Table, where applicable.

(2) Charge for preparation of Strata Subdivision Plan as required under section 6 of the Strata (Subsidiary Titles) Ordinance, 2019 [Cap. 75] and filing of Strata Subdivision Plan as required under section 5 of Strata Management Ordinance, 2019 [Cap. 76] is as follows:

<i>Scope</i>	<i>Residential purpose (RM)</i>	<i>Other purposes (RM)</i>
Preparation of Index Plan, Storey Plan, Delineation Plan and Schedule of Parcels	156.00 per parcel (maximum RM15,600.00)	156.00 per parcel (maximum RM15,600.00)
Determine entitlement of share unit and computation of share unit formula	234.00 per parcel 125.00 per accessory parcel	281.00 per parcel 156.00 per accessory parcel
Certification of share unit	156.00 per parcel (maximum RM15,600.00)	156.00 per parcel (maximum RM15,600.00)

(3) Charge for determination of quantum of provisional share units is RM7,800.00 per block.

(4) Charge for describing or identifying or defining the boundaries of limited common property as required under Section 23(2) of the Strata (Subsidiary Titles) Ordinance, 2019 [Cap. 75] is as follows:

	<i>Residential purpose (RM)</i>	<i>Other purposes (RM)</i>
(a) Charge for determination and description of designated limited common property	858.00 per designation	1,287.00 per designation

(5) Charge for certification of the buildings or land parcels as shown in the Strata Subdivision Plan which are capable of being subdivided as required under section 5(3)(c) of the Strata Management Ordinance, 2019 [Cap. 76] is as follows:

- (a) Residential purpose: RM7,800.00 per certification per building/landed strata;
- (b) Other purposes: RM15,600.00 per certification per building/landed strata.

(6) Charge for preparation of plan as annexure to the sale and purchase agreement is RM65.00 per parcel and RM39.00 per accessory parcel.

(7) Charge for the re-preparation of plans due to further amendments to the building plan shall consist of 50% of the charges under paragraphs (2), (3), (5) and (6).

(8) Charge for survey of land (Delineation Survey) as required under section 6(4)(b) of the Strata (Subsidiary Titles) Ordinance, 2019 [Cap. 75] and certification by land surveyor as required under section 6(1)(b)(v) of the Strata (Subsidiary Titles) Ordinance, 2019 [Cap. 75] shall consist of the following:

- (a) Basic charge per job is RM3,380.00.
- (b) Charge for survey of each old boundary mark is RM780.00.
- (c) Charge for survey to delineate the boundaries of land parcels shall be as provided under paragraph (9) of this Table.
- (d) Charge for survey to delineate the position of a building to be subdivided, including the building within a land parcel, shall be taken as equivalent to the survey of a provisional block as provided under paragraph 13 of this Table, including the charge for computation and preparation of plans to ensure that the building is within the lot boundaries or land parcel boundaries.
- (e) Charge for survey of provisional block shall be as provided under paragraph (13) of this Table.
- (f) Charge for traversing including connection for azimuth, connections and controls is as provided under Table 1A (Subdivision of Land).
- (g) Certification fee shall be RM4,550.00.
- (9) Charge for survey of land as required under section 10(2)(a) of the Strata (Subsidiary Titles) Ordinance, 2019 [Cap. 75] and Rule 35A (Type A Survey) of the Land Surveyors (Conduct of Cadastral Land Surveys)(Amendment) Rules, 2024 [Swk. L.N. 39/2024], and certification by land surveyor as required under section 11 of the Strata (Subsidiary Titles) Ordinance, 2019 [Cap. 75] shall consist of the following:

- (a) Basic charge per job is RM 3,380.00.
- (b) Charge for survey of each old boundary mark is RM 780.00.
- (c) Charge for verification of lot boundaries shall consist of the following:

<i>Area of lot</i>	<i>Rates (RM)</i>
(i) Up to 500 m ²	6,660.00
(ii) For additional area above 500 m ²	4.00 per m ²

(d) Charge for traversing including connection for azimuth, connections and controls is as provided under Table 1A (Subdivision of Land).

- (e) Charge for survey of land parcel boundaries shall consist of the following:

<i>Area of Land Parcel</i>	<i>Residential purpose (RM)</i>	<i>Other purposes (RM)</i>
Up to 100 m ²	858.00 per parcel	1,287.00 per parcel
For any additional area above the first 100 m ²	11.00 per m ²	15.00 per m ²

- (f) Charge for survey to determine the party wall boundaries of land parcels shall be as follows:

- (i) Residential purpose - RM609.00 per wall
(ii) Other purposes - RM914.00 per wall

(g) Charge for as-built survey of buildings within a land parcel shall be as follows:

- (i) Residential purpose - RM780.00 per building
(ii) Other purposes - RM1,170.00 per building

(h) Charge for survey of accessory parcel shall consist of the following:

<i>Area</i>	<i>Residential purpose (RM)</i>	<i>Other purposes (RM)</i>
Up to 100 m ²	468.00 per parcel	546.00 per parcel
For any additional area above the first 100 m ²	7.00 per m ²	9.00 per m ²

(i) Charge for survey of provisional block shall be as provided under paragraph (13) of this Table.

(j) Certification Fee shall be RM4,550.00.

(10) Charge for subdivision of building or land including subdivision and amalgamation of parcels or land parcels and common properties, and the preparation and filing of Certified Strata Plan as required under section 10 and 11 of the Strata (Subsidiary Titles) Ordinance, 2019 [*Cap. 75*] and Rule 35A (Type B Survey) of the Land Surveyors (Conduct of Cadastral Land Surveys) (Amendment) Rules, 2024 [*Swk. L.N. 39/2024*], shall consist of the following:

(a) Basic charge per job is RM3,380.00.

<i>(b) Total floor area of a building parcel or total floor area of a building within a land parcel or provisional block</i>	<i>Residential purpose (RM)</i>	<i>Other purposes (RM)</i>
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(i) Up to 100 m ²	858.00 per parcel	1,287.00 per parcel
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(ii) For any additional area above the first 100 m ²	11.00 per m ²	15.00 per m ²
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(iii) Any common property or part thereof which has to be surveyed in order to be shown on the plan	9.00 per m ²	9.00 per m ²
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(c) Charge for traversing including connection for azimuth, connections and controls	as in Table 1A	as in Table 1A
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(d) Charge for survey of accessory parcels shall be as follows:

<i>Area</i>	<i>Residential purpose (RM)</i>	<i>Other purposes (RM)</i>
(i) Up to 100 m ²	468.00 per parcel	546.00 per parcel
(ii) For any additional area above the first 100 m ²	7.00 per m ²	9.00 per m ²

(11) Charge for survey of limited common property (LCP) within the building or land and for the preparation of limited common property plan as required under section 23 of the Strata (Subsidiary Titles) Ordinance, 2019 [Cap. 75] and Rule 35C of the Land Surveyors (Conduct of Cadastral Land Surveys)(Amendment) Rules, 2024 [Swk. L.N. 39/2024], shall consist of the following:

(a) Basic charge per job is RM3,380.00.

<i>Area of designated common property</i>	<i>Residential purpose (RM)</i>	<i>Other purposes (RM)</i>
(i) Up to 100 m ²	858.00 per LCP polygon	1,287.00 per LCP polygon
(ii) For any additional area above the first 100 m ²	11.00 per m ²	15.00 per m ²
(iii) Any common property or part thereof which has to be surveyed in order to be shown on the plan	9.00 per m ²	9.00 per m ²
(c) Charge for traversing including connection for azimuth, connections and controls	as in Table 1A	as in Table 1A
(d) Charge for survey to determine the party wall boundary of land parcels	609.00 per wall	914.00 per wall
(e) Charge for description of designated limited common property	858.00 per description	1,287.00 per description

(f) Charge for preparation of Index Plan, Storey Plan, Delineation Plan and Schedule of Limited Common Property for Limited Common Property Plan, is as follows:

<i>Scope</i>	<i>Residential purpose (RM)</i>	<i>Other purposes (RM)</i>
Preparation of Index Plan, Storey Plan, Delineation Plan and Schedule of Limited Common Property	156.00 per parcel to be included in the subsidiary management corporation (maximum 15,600.00)	156.00 per parcel to be included in the subsidiary management corporation (maximum 15,600.00)
Preparation of Schedule of Limited Common Property	15,000.00 per subsidiary management corporation	22,500.00 per subsidiary management corporation

(g) Certification Fee shall be RM4,550.00.

(12) Charge for re-survey of parcels, accessory parcels and re-preparation of plans due to further amendments to the building plan shall consist of the following:

- (a) Basic charge per job is RM3,380.00.
- (b) Plus 50% of the charges under paragraphs (2), (3), (5), (6), (7), (8), (9) and (10) of this Table.

(13) Provisional block:

- (a) Charge for computation and preparation of plans to ensure that the provisional blocks are within the lot is RM1,248.00 per block.
- (b) Charge for survey of the provisional block shall be as provided under paragraph (10) of this Table.

(14) Charge for survey of land and existing building for the preparation of building plans as required under section 8 of the Strata (Subsidiary Titles) Ordinance, 2019 [*Cap. 75*] where the approved building plan is not available, shall consist of the following:

	<i>Rates</i>
(a) Charge for survey of land including making measurements to features of permanent construction appearing at the foot of each building	As provided in subparagraphs (9)(a), 9(b), 9(c), 9(d), 9(e), 9(f), 9(g) and 9(h) of this Table

(b) Charge for survey of existing building shall be as follows

	<i>Gross floor area of each building</i>	<i>Rates (RM)</i>
(i)	300 m ² and below	3,120.00
(ii)	Any additional area above 300 m ²	16.0 per m ²

(c) Certification fee shall be RM5,200.00.

(15) Charge for survey of each old boundary mark is RM780.00 per mark.

(16) Charge for Control Survey is as provided under Table 11 (Control Traverses) or Table 13 (Point Positioning by Satellites) or both, depending on the requirements.

(17) Charge for adopting lines is as provided under item 2(a) of Table 6 (Survey for Amalgamation of Lots).

(18) Less 25% to paragraphs (1) to (15), except for paragraphs (8)(a), (9)(a), 10(a), 11(a) and (12)(a) for low cost housing scheme or estate which has been approved by the State Planning Authority.

(19) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 3
SURVEY OF LAND FOR AGRICULTURE

(1) This Table provides the fees for survey of land for agriculture purpose including land for aquaculture purpose or survey for sub-division, amalgamation and partition in urban, suburban and rural areas.

(2) The survey fees chargeable under this Table for each job shall consist of the following:

(a) Basic charge per job is RM3,380.00.

(b) Charge for professional consultation is 10% of the charges under subparagraphs (2)(c), (d), (e), (f) and (g) where applicable.

(c) Charge for the preparation of pre-computation plan or delineation plan shall be RM156.00 per lot subject to a minimum charge of RM4,680.00 per job.

(d) Charge for the survey of each old boundary mark is RM780.00.

(e) The rates applicable for survey of each lot:

<i>Size of lot lot (RM)</i>	<i>Charge per</i>
(i) Lot of less than 0.5 hectare	2,750.00
(ii) Lot of 0.5 hectare but less than 1 hectare	3,875.00
(iii) Lot of 1.0 hectare but less than 1.5 hectares	4,760.00
(iv) Lot of 1.5 hectares but less than 2.5 hectares	6,171.00
(v) Lot of 2.5 hectares but less than 5.0 hectares	8,754.00
(vi) Lot of 5.0 hectares but less than 10.0 hectares	12,168.00
(vii) Lot of 10.0 hectares but less than 15.0 hectares	14,976.00
(viii) Lot of 15.0 hectares but less than 20.0 hectares	17,472.00
(ix) Lot of 20.0 hectares but less than 25.0 hectares	19,500.00
(x) Lot of 25.0 hectares but less than 30.0 hectares	21,497.00
(xi) Lot of 30.0 hectares but less than 35.0 hectares	23,244.00
(xii) Lot of 35.0 hectares but less than 40.0 hectares	24,882.00
(xiii) Lot of 40.0 hectares but less than 45.0 hectares	26,489.00
(xiv) Lot of 45.0 hectares but less than 50.0 hectares	27,846.00
(xv) For lot of area more than 50 hectares, the survey fees chargeable shall be calculated based on the total chainage of perimeter or boundary surveyed, including subclose, shooting and online at RM12.00 per metre.	
(f) Charge for traversing and survey of lines including connection for azimuth, connections and controls is RM10.00 per metre.	
(g) Charge for control traverses is as provided under Table 11 (Control Traverses) or Table 13 (Point Positioning by Satellites) or both, depending on the requirements.	
(h) Add 30% to subparagraphs (2)(d), (e) and (f) for swampy or tidal conditions.	
(i) Charge for adopting lines is as provided under item (2)(a) of Table 6 (Survey for Amalgamation of Lots).	
(j) In restricted or high risk areas:	
(i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (2)(a), (d), (e), (f) and (g) are applicable;	
(ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (2)(a), (d), (e), (f) and (g) are applicable; or	
(iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.	

(k) The charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distances beyond the first 1 kilometre, additional charges are as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charge</i>
0 kilometre to 1 kilometre	no additional charge
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (2)(a), (d), (e), (f) and (g)
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (2)(a), (d), (e), (f) and (g)
Above 10 kilometres	additional 70% to the charges under subparagraphs (2)(a), (d), (e), (f) and (g)

(l) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 4
SURVEY OF LAND FOR MINING

(1) This Table provides the fees for survey of land for mining which shall be carried out to a standard adequate for the issue of Mining Leases and Certificates. This Table also applies to survey of land for quarry and other similar purposes.

(2) The survey fees chargeable under this Table for each job shall consist of the following:

(a) Basic charge per job is RM3,380.00.

(b) Charge for professional consultation is 10% of the charges under subparagraphs (2)(c), (d), (f), (g), (i) and (j), where applicable.

(c) Charge for the preparation of pre-computation plan or delineation plan is RM156.00 per lot for lots less than 2 hectares. For lots bigger than 2 hectares per lot, an additional charge RM78.00 is chargeable for every additional hectare or part thereof. This condition is subject to a minimum charge of RM4,680.00 per job.

(d) The rates applicable for surveys of Mining Leases and Certificates shall be as follows:

<i>Size of lot</i>	<i>Charge per lot (RM)</i>
(i) First 4 hectares	15,288.00
(ii) First 6 hectares	17,628.00
(iii) First 8 hectares	19,812.00
(iv) First 10 hectares	22,028.00
(v) First 12 hectares	24,071.00
(vi) First 14 hectares	26,115.00
(vii) First 16 hectares	28,174.00
(viii) First 18 hectares	30,233.00
(ix) First 20 hectares	32,480.00
(x) First 25 hectares	34,757.00
(xi) First 30 hectares	36,848.00
(xii) First 35 hectares	38,766.00
(xiii) First 40 hectares	40,498.00
(xiv) First 45 hectares	42,245.00
(xv) First 50 hectares	44,180.00
(xvi) For each additional 1 hectare or part thereof above 50 hectares	553.00

(e) For any area falling in between any two of the areas listed under subparagraph (2)(d), the charge rate shall be computed proportionally.

(f) Charge for traversing and survey of line including connections for azimuth, connections and controls is RM10.00 per metre.

(g) If Mining Certificate is required, the fee for drawing and supplying copies of plan to the Land and Survey Department for attachment to the Mining Certificate forms shall be RM1,690.00 per Mining Certificate Plan.

(h) If the land approved to be surveyed is more than one lot which are physically separated on the ground by alienated land, reserve land or State Land, the fees for survey of the lot shall be calculated for each lot.

(i) Charge for the survey of each old boundary mark is RM780.00.

(j) Charge for control survey is as provided under Table 11 (Control Traverses) or Table 13 (Point Positioning by Satellites) or both, depending on the requirements.

(k) Add 30% to subparagraphs (2)(d), (e), (f), (h) and (i) for swampy, tidal conditions or area with outcrops.

(l) In restricted or high risk areas:

(i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (2)(a), (d), (f), (i) and (j) are applicable;

(ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (2)(a), (d), (f), (i) and (j) are applicable; or

(iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.

(m) The charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distances beyond the first 1 kilometre, additional charges are as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charge</i>
0 kilometre to 1 kilometre	no additional charges
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (2)(a), (d), (f), (i) and (j)
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (2)(a), (d), (f), (i) and (j)
Above 10 kilometres	additional 70% to the charges under subparagraphs (2)(a), (d), (f), (i) and (j)

(n) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 5

UNDERGROUND AND AIR SPACE SURVEY

(1) This Table provides the survey fees for Subterranean or Air Space stratum title and other underground survey including utility survey.

(2) The survey fees chargeable under this Table for each job shall consist of the following:

(a) Basic charge per job is RM3,380.00.

(b) Charge for professional consultation is 10% of the charges under subparagraphs 2(c), (d), (e), (f), (g), (h), (i) and (j) where applicable.

(c) Charge for the preparation of the pre-computation plan shall be as follows:-

(i) For lot up to 3,000 m³ is RM1,560.00 per lot.

(ii) For lot more than 3,000 m³ is RM624.00 for every additional 100 m³

(iii) Minimum RM4,680.00 per job.

(d) Charge for survey on ground surface is as follows:

(i) Planimetric control and connection is RM10.00 per metre.

(ii) Charge for the survey of each old boundary mark is RM780.00.

(iii) Charge for survey per lot is as provided under Table 1A (Subdivision Survey of Land).

(iv) Charge for survey of height connection and control is RM2,262.00 per kilometer.

(v) Charge for on ground detail site survey is as follows:

Charge for Topographical Survey is as follows:

(i) For contour intervals of 1 metre with spot levels at 20 metre intervals:

<i>Area</i>	<i>Charge per hectare (RM)</i>
For site up to 1 hectare	7,600.00
For site above 1 hectare and up to 5 hectares, charge for each additional hectare	4,500.00
For site above 5 hectares and up to 10 hectares, charge for each additional hectare	4,020.00
For site above 10 hectares, charge for each additional hectare	4,000.00

(ii) For contour intervals of 2 metres with spot levels at 20 metre intervals:

<i>Area</i>	<i>Charge per hectare (RM)</i>
For site up to 1 hectare	6,700.00
For site above 1 hectare and up to 5 hectares, charge for each additional hectare	3,900.00
For site above 5 hectares, charge for each additional hectare	3,400.00

(e) Charge for underground survey is as follows:

(i) For the transfer of planimetric datum to a depth not exceeding 10 metres below the established concrete mark at the site, the charge is RM7,176.00.

For every additional 3 metres in depth or part thereof below 10 metres, an additional charge of 10% shall be added.

(ii) For the transfer of height datum to a depth not exceeding 10 metres below the established Bench Mark at the site, the charge is RM10,764.00.

For every additional 3 metre difference in height or part thereof below 10 metres, an additional charge of 10% shall be added.

(f) Charge for the survey of as-built underground structure or as-built air space structure for certification of building position within the lot boundary shall be twice the rate in paragraph (9) of Table 2 (Survey for Strata Subdivision of Building or Land).

(g) Charge for Internal Dimension Survey of as-built underground structure or as-built air space structure, and the preparation of Certified Stratum Plan, shall be twice the rate in paragraph (10) of Table 2 (Survey for Strata Subdivision of Building or Land).

(h) Charge for underground utility survey shall be as follows:

(i) Charge for survey on ground surface, including but not limited to verification of boundaries and boundary marks, shall be under subparagraph 2(d).

(ii) Charge for underground utility survey utilizing detection systems shall be as follows:

Area	<i>Detection depth of up to 3 metres</i>	<i>Detection depth between 3 – 5 metres</i>	<i>Detection depth of 5 metres and deeper</i>
Not more than 100m ²	RM2,184.00	RM2,808.00	As provided under Table 15 and Table 18
Any additional area above 100m ²	RM24.00 per m ²	RM32.00 per m ²	As provided under Table 15 and Table 18

(iii) Charge for as-built survey of exposed utilities during trenching shall be on party day basis as provided under Table 18 (Time Rates).

(i) Charge for the construction of concrete monument is RM1,040.00 per monument.

(j) Charge for Control Survey is as provided under Table 11 (Control Traverses) or Table 13 (Point Positioning by Satellites) or both, depending on the requirements.

(k) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 6
SURVEY FOR AMALGAMATION OF LOTS

- (1) This Table provides the fee for the survey for amalgamation of lots and survey by adopting lines.
- (2) The survey fees chargeable under this Table for each job shall consist of the following:
 - (a) Where survey plan is drawn by using data from existing survey information or titles - charge of RM234.00 per boundary line subject to a minimum charge of RM2,652.00 per job.

For the purpose of this minimum charge, two or more amalgamations of lots belonging to the same owner or joint owner shall count as one job provided that the approval for the amalgamations are given at the same time and the survey is done at the same time.

(b) Charge for professional consultation is 10% of the charges under subparagraphs (2)(a) and (c), where applicable.

(c) Where field work is required, the survey fee shall be charged as provided under Tables 1 to 5 and Tables 7 to 13.

(d) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 7
SURVEY OF LAND FOR SPECIAL PURPOSES

(1) This Table provides the fees for survey of land for purposes that are not covered under Tables 1 to 6 and 8 to 13. These are land for forest, game or wild life, national park, grazing ground, golf course, private club and any other recreational purposes.

(2) The survey fees chargeable under this Table for each job shall consist of the following:

(a) Basic charge per job is RM3,380.00.

(b) Charge for professional consultation is 10% of the charges under subparagraphs (2)(c), (d), (e), (f) and (h) where applicable.

(c) Charge for the preparation of pre-computation plan or delineation plan is RM156.00 per lot for lots up to 2 hectares. For lots bigger than 2 hectares per lot, an additional charge of RM78.00 is chargeable for every additional hectare or part thereof. This condition is subject to a minimum charge of RM4,680.00 per job.

(d) Charge for perimeter or boundary traversing including connections for azimuth, connections and control is RM17.00 per metre.

(e) Charge for the survey of each old boundary mark is RM780.00.

(f) Charge for Control Survey is as provided under Table 11 (Control Traverses) or Table 13 (Point Positioning by Satellites) or both, depending on the requirements.

(g) Add 30% to subparagraphs (2)(d) and 2(e) for swampy, tidal conditions or areas with outcrops.

(h) Charge for adopting lines is as provided under item (2)(a) of Table 6 (Survey for Amalgamation of Lots).

(i) In restricted or high risk areas -

(i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (2)(a), (d), (e) and (f) are applicable;

(ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (2)(a), (d), (e) and (f) are applicable; or

(iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.

(j) The charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distance beyond the first 1 kilometre, additional charges are as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charges</i>
0 kilometre to 1 kilometre	no additional charges
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (2)(a), (d), (e) and (f).
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (2)(a), (d), (e) and (f).
Above 10 kilometres	additional 70% to the charges under subparagraphs (2)(a), (d), (e) and (f).

(k) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 8

SURVEY FOR THE PURPOSE OF LAND ACQUISITION

(1) This Table provides the survey fees for the survey of land to be acquired for road, river/drain, bund, transmission line, pipeline, railway and any other similar survey.

(2) The survey fees shall consist of the following:

(a) Basic charge per job is RM3,380.00.

(b) Charge for traversing and survey of lines including connection for azimuth, connections and controls is RM10.00 per metre.

(c) Charge on the total chainage of survey for the boundary, including traverses, subclose, shooting and on-line is RM12.00 per metre.

(d) Charge for the survey of each old boundary mark is RM780.00.

(e) Charge for control survey is as provided under Table 11 (Control Traverses) or Table 13 (Point Positioning by Satellites) or both, depending on the requirements.

(f) Add 30% to subparagraphs (2)(b), (c) and (d) for swampy or tidal conditions.

(g) Charge for adopting lines is as provided under item 2(a) of Table 6 (Survey for Amalgamation of Lots).

- (h) Charge for investigation survey is 1.21 hectares (3 acres) per party day.
- (i) In restricted or risk areas:
- (i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs 2(a), (b), (c), (d), (e), (g) and (h) is applicable; or
- (ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs 2(a), (b), (c), (d), (e), (g) and (h) is applicable; and
- (iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.

(j) The charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distances beyond the first 1 kilometre, additional charges are as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charges</i>
0 kilometre to 1 kilometre	no additional charges
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs 2(a), (b), (c), (d), (e), (g) and (h).
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs 2(a), (b), (c), (d), (e), (g) and (h).
Above 10 kilometres	additional 70% to the charges under subparagraphs 2(a), (b), (c), (d), (e), (g) and (h).

- (k) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.
- (3) For any other acquisition survey, the fees chargeable under this Table shall consist of the following:
- (a) for the survey of the acquired portion, the chargeable fees shall be in accordance with the Table appropriate for the category of use it is acquired for;
- (b) for the balance portion, the chargeable fees shall be in accordance with the Table appropriate for its category of use.

TABLE 9

**PERIMETER BOUNDARY SURVEY OF NATIVE CUSTOMARY RIGHTS LAND
FOR APPROVED GOVERNMENT LAND DEVELOPMENT SCHEME**

- (1) This Table provides the fees for the perimeter boundary survey of land under Native Customary Rights claims in approved Government Land Development Scheme.
- (2) The survey fees chargeable under this Table for each job shall consist of the following charges:
- (a) Basic Charge per job is RM3,380.00.
 - (b) Charges for professional consultation is 10% of the charges under subparagraphs (2)(c), (d), (e), (f) and (g) where applicable.
 - (c) Charge for survey of each old boundary mark is RM780.00.
 - (d) Charge on the total chainage of perimeter boundary surveyed, including traverses, subclose, shooting and on-line is RM12.00 per metre.
 - (e) Charge for traversing and survey of lines including connection for azimuth, connections and controls is RM10.00 per metre.
 - (f) Charge for Control Survey is as provided under Table 11 (Control Traverses) or Table 13 (Point Positioning by Satellites) or both, depending on the requirements.
 - (g) Charge for adopting lines is as provided under item (2)(a) of Table 6 (Survey for Amalgamation of Lots).
 - (h) Add 30% to subparagraphs (2)(c), (d) and (e) for swampy or tidal conditions.
 - (i) In restricted or risk areas:
 - (i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (2)(a), (c), (d), (e) and (f) are applicable;
 - (ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (2)(a), (c), (d), (e) and (f) are applicable; and
 - (iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.
 - (j) The charges under this Table are applicable when the survey work site is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distances beyond the first 1 kilometre, additional charges are as follows:-

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charges</i>
0 kilometre to 1 kilometre	no additional charges
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (2)(a), (c), (d), (e) and (f).
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (2)(a), (c), (d), (e) and (f).
Above 10 kilometres	additional 70% to the charges under subparagraphs (2)(a), (c), (d), (e) and (f).

(k) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 10

SURVEY OF ADMINISTRATIVE BOUNDARIES

- (1) This Table provides the fees for survey of State, Division, Town and Village Boundaries.
- (2) The survey fees for the survey of State and Division Boundary chargeable under this Table for each job shall consist of the following charges:
 - (a) Basic charge per job is RM3,380.00.
 - (b) Charge for professional consultation is 10% of the charges under subparagraphs (2)(c), (d), (e), (f), (g), (h), (i) and (j), where applicable.
 - (c) Charge for traversing including connection for azimuth, connections and control is RM32.00 per metre.
 - (d) Charge for survey of each boundary mark is RM780.00.
 - (e) Charge for Control Survey is provided under Table 11 (Control Traverses) or Table 13 (Point Positioning by Satellites) or both, depending on the requirements.
 - (f) Charge for survey of terrain involving land boundary shall be a minimum of RM23,556.00 per kilometre, with a maximum corridor width of up to 20 metres. For corridor width wider than 20 metres, the fees chargeable shall be proportionate to the increase in width.
 - (g) Charge for survey of terrain involving river boundary shall be a minimum of RM25,428.00 per kilometer, with a maximum corridor width of 20 metres. For corridor width wider than 20 metres, the fees chargeable shall be proportionate to the increase in width.

(h) Charge for determining the proposed State and Division Boundary in which no field work is required, is RM406.00 per kilometre.

(i) Charge for final survey of the State and Division Boundary is RM16.00 per metre.

(j) Charge for the construction of concrete monument is RM1,040.00 per monument.

(k) Add 30% to subparagraphs (2)(c), (d), (f), (g), (i) and (j) for swampy or tidal conditions.

(l) In restricted or high risk areas:

(i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (2)(a), (c), (d), (e), (f), (g), (i) and (j) are applicable:

(ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (2)(a), (c), (d), (e), (f), (g), (i) and (j) are applicable: or

(iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.

(m) The charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distances beyond the first 1 kilometre, the additional charges are as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charges</i>
0 kilometre to 1 kilometre	no additional charges
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (2)(a), (c), (d), (e), (f), (g), (i) and (j).
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (2)(a), (c), (d), (e), (f), (g), (i) and (j).
Above 10 kilometres	additional 70% to the charges under subparagraphs (2)(a), (c), (d), (e), (f), (g), (i) and (j).

(n) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

(3) The survey fees for the survey of District, Town and Village Boundary chargeable under this Table for each job shall consist of the following charges:

(a) Basic charge per job is RM3,380.00.

- (b) Charge for professional consultation is 10% of the charges under subparagraphs (3)(c), (d), (e) and (f), where applicable.
- (c) Charge for traversing including connection for azimuth, connections and controls is RM19.00 per metre.
- (d) Charge for the survey of each boundary mark is RM780.00.
- (e) Charge for construction of concrete monument is RM1,040.00 per monument.
- (f) Charge for Control Survey is provided under Table 11 (Control Traverses) or Table 13 (Point Positioning by Satellites) or both, depending on the requirements.
- (g) Add 30% to subparagraphs (3)(c), (d) and (e) for swampy or tidal conditions.
- (h) In restricted or high risk areas:
- (i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (3)(a), (c), (d), (e) and (f) are applicable; or
 - (ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (3)(a), (c), (d), (e) and (f) are applicable; and
 - (iii) Where there is a waiting time after mobilization, an additional charge at RM 3,380.00 per party day shall be applicable.
- (i) The charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distances beyond the first 1 kilometre, the additional charges are as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charges</i>
0 kilometre to 1 kilometre	no additional charges
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (3)(a), (c), (d), (e) and (f).
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (3)(a), (c), (d), (e) and (f).
Above 10 kilometres	additional 70% to the charges under subparagraphs (3)(a), (c), (d), (e) and (f).

- (j) Charges for attendance, meetings, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 11
CONTROL TRAVERSES

(1) This Table provides the survey fees for traverses that are required for general cadastral controls (such as STG, SS & 1st Class) and other purposes.

(2) The survey fees chargeable under this Table for each job shall consist of the following charges:

(a) Basic charge per job is RM3,380.00.

(b) Charge for professional consultation is 10% of the charges under subparagraphs (2)(c), (d) and (e), where applicable.

(c) Charge for traversing including connections for azimuth, connections and controls is RM16.00 per metre.

(d) Charge for the construction of concrete monument is RM1,040.00 per monument.

(e) Charge for survey of each old boundary mark is RM780.00.

(f) Add 30% to paragraphs (2)(c), (d) and (e) for swampy or tidal conditions.

(g) In restricted or high risk areas:

(i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (2)(a), (c), (d) and (e) are applicable;

(ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (2)(a), (c), (d) and (e) are applicable; or

(iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.

(h) The charges under this Table are applicable when the survey worksite is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distances beyond the first 1 kilometre, the additional charges are as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charges</i>
0 kilometre to 1 kilometre	no additional charges
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (2)(a), (c), (d) and (e).
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (2)(a), (c), (d) and (e).
Above 10 kilometres	additional 70% to the charges under subparagraphs (2)(a), (c), (d) and (e).

(i) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 12
SURVEY OF LAND BY PRISMATIC COMPASS

(1) This Table provides the survey fees for traverses and other categories of surveys that are required for surveys of lower order.

(2) The survey fees chargeable under this Table for each job shall consist of the following charges:

- (a) Basic charge per job is RM3,380.00.
- (b) Charge for professional consultation is 10% of the charges under subparagraphs (2)(c), (d) and (e) where applicable.
- (c) Charge for traversing is RM4.70 per metre, subject to a minimum charge of RM3,900.00.
- (d) Charge for survey of each old boundary mark is RM780.00.
- (e) Charge for Control Survey is as provided under Table 11 (Control Traverses) or Table 13 (Point Positioning by Satellites) or both, depending on the requirements.
- (f) Add 30% to subparagraphs (2)(c) and (d) for swampy or tidal conditions.
- (g) In restricted or high risk areas:
 - (i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (2)(a), (c), (d) and (e) are applicable;
 - (ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (2)(a), (c), (d) and (e) are applicable; or
 - (iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.
- (h) The charges under this Table are applicable when the survey work site is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distances beyond the first 1 kilometre, additional charges are as follows-

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charges</i>
0 kilometre to 1 kilometre	no additional charges
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (2)(a), (c), (d) and (e).
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (2)(a), (c), (d) and (e).
Above 10 kilometres	additional 70% to the charges under subparagraphs (2)(a), (c), (d) and (e).

(i) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 13
POINT POSITIONING BY SATELLITES

- (1) This Table provides the fees for point positioning with the use of satellites.
- (2) The survey fees chargeable under this Table for each job shall consist of the following charges:
- (a) Basic charge per job is RM10,140.00.
 - (b) Charge for professional consultation is 10% of the charges under subparagraphs (2)(c), (d) and (e), where applicable.
 - (c) Charge for positioning of each point is RM5,460.00.
 - (d) Charge for the construction of concrete monument is RM1,040.00 per monument.
 - (e) Charge for site clearance for observation is RM1,560.00 per point.
Charges exceeding this amount shall be based on actual cost.
 - (f) In restricted or high risk areas:
 - (i) Where security pass or permit has to be obtained from the relevant authority, an additional charge of 25% of the charges under subparagraphs (2)(a), (c), (d) and (e) are applicable;
 - (ii) Where escort is required and working hours are dictated by the relevant authority, an additional charge of 50% of the charges under subparagraphs (2)(a), (c), (d) and (e) are applicable; or
 - (iii) Where there is a waiting time after mobilization, an additional charge at RM3,380.00 per party day shall be applicable.
 - (g) The above charges are applicable when the survey worksite is within 1 kilometre from the nearest accessible point either by motorable road or navigable river. For distances beyond the first 1 kilometre, additional charges are to be applied as follows:

<i>Distance to worksite from nearest motorable road or navigable river</i>	<i>Charges</i>
0 kilometre to 1 kilometre	no additional charges
Above 1 kilometre but not more than 5 kilometres	additional 20% to the charges under subparagraphs (2)(a), (c), (d) and (e).
Above 5 kilometres but not more than 10 kilometres	additional 40% to the charges under subparagraphs (2)(a), (c), (d) and (e).
Above 10 kilometres	additional 70% to the charges under subparagraphs (2)(a), (c), (d) and (e).

- (h) Charges for attendance, meetings, reimbursements, supply of additional transparencies and prints, mobilization and demobilization, where applicable, are as provided under Tables 14, 15, 16, 17 and 18 respectively.

TABLE 14
ATTENDANCE AND MEETING FEES

- (1) This Table provides the fees for meeting attendance, site visit, court appearance and other similar attendance by a land surveyor.
- (2) The fees chargeable under this Table for each job are as follows:
- (a) Charge for meeting attendance, site visit and other similar attendance is RM3,380.00 per day or RM650.00 per hour, whichever is less.
- (b) Charge for appearing as expert witness in court is RM6,240.00 per day or part thereof together with a basic charge of RM3,380.00 per case, except attendance by subpoena by the court.
- (c) Reimbursements and charge for supply of additional transparencies and prints, where applicable, are as provided under Tables 15 and Table 16 respectively.

TABLE 15
REIMBURSEMENT

- (1) This Table provides for reimbursements to the land surveyor by the client for out-of-pocket expenditures incurred.
- (2) The reimbursements are as follows:
- (a) Actual expenses incurred in the purchase of relevant documents, plans, maps, records and other relevant items.
- (b) Actual expenses incurred for fax, telephone calls, postal services, courier services and other related deliveries.
- (c) Hiring charge for additional manpower, feasibility studies, special equipment and software packages as agreed with the client.
- (d) Expenses incurred in travelling, accommodation and subsistence allowance shall be as follows:
- | | | |
|-------|-----------------------|----------------------|
| (i) | Travelling | |
| | - Air fares | Business Class |
| | - Mileage | RM1.30 per kilometer |
| (ii) | Hotel | Actual cost |
| (iii) | Subsistence allowance | RM260.00 per day |
- (e) Expenses incurred in the use of special transportation such as helicopter, boat and other means of communication, as agreed with the client.

TABLE 16

SUPPLY OF TRANSPARENCIES AND ADDITIONAL PRINTS

(1) This Table provides the charges for the supply of additional set of transparencies and prints at the request of the client. The standard submission per job is one complete set of transparencies and 2 complete sets of prints.

(2) The charges are as follows:-

<i>Type and Size of Plan</i>	<i>Charge per copy (RM)</i>
Transparency of AO size	150.00
Transparency of A1 size	130.00
Transparency of A2 size	65.00
Transparency of A3 size	50.00
Additional prints of AO size or smaller above the first 4 copies	25.00

TABLE 17

MOBILIZATION AND DEMOBILIZATION

(1) This Table covers the need to move men and equipment from the Head Office to the work site and from the work site to Head Office, and time lost on travelling on motorable road or navigable river.

(2) The charges are as follows:

- (a) Mobilization cost is fees to be charged to defray earnings lost by the field party moving to the site to be surveyed. The charge is RM3,380.00 per party day.
- (b) Work site of less than 150 kilometres, no Mobilization and Demobilization unless agreed upon.
- (c) Work site of more than 150 kilometres but not exceeding 300 kilometres from Head Office:
 - 1 party day for Mobilization, and
 - 1 party day for Demobilization.

(d) Work site of more than 300 kilometres but not exceeding 500 kilometres from Head Office:
2 party days for Mobilization, and
1 party day for Demobilization.

(e) Work site exceeding 500 kilometres from the Head Office:
3 party days for Mobilization, and
2 party days for Demobilization

(3) For worksite with no motorable road access, mobilization and demobilization of survey party will be claimed according to actual time taken (including waiting time) on per party day basis. Mobilization and demobilization of the survey party by the following modes of transportation where necessary and agreed upon, shall be reimbursable at cost:

- (a) Hire of Helicopter or airplane;
- (b) Hire of boat, crew and barge;
- (c) Hire of vehicle and driver; and
- (d) Fare for internal flights.

TABLE 18

TIME RATES

(1) Fees may be charged by time rates. In this Schedule, "field work" means the survey work in the field done by a survey field party headed by a land surveyor or surveying assistant who is assisted by a party of labourers and equipped with the normal survey equipment (*e.g.* theodolite, level, *etc.*) suitable for the survey in hand.

(2) Mobilization cost is fees to be charged to defray earnings lost by the field party moving to the site to be surveyed. The charge is RM3,380.00 per party day.

(3) Time rate is to be used when the land surveyor is of the view that the fees as worked out by way of quantities is uneconomical to carry out the job or when the specifications and or quantities or survey work required are uncertain.

(4) The number of days should be determined and agreed upon with the client before commencement of survey work. In this case, once the number of days is agreed upon, this number will be charged irrespective of whether the actual number of days taken is more or less than the number so agreed.

(5) When the number of chargeable days could not be determined or agreed upon, then the actual number of days worked should be used. This includes days spent travelling, temporary stoppage due to bad weather, security reasons and other circumstances beyond the control of the land surveyor.

(6) Working time is from 7.00 a.m. to 1.00 p.m. for every working day. When the survey field party is required to work between 2.00 p.m. to 5.00 p.m., this will be considered to be another working day. When the

survey field party is required to work on Sundays and Public Holidays, a multiplying factor of two (2) will be used to reckon the days worked.

(7) Charge for solar or stellar observation for Azimuth determination is 2 party days per station subject to a maximum of 6 party days including waiting time when the weather is unfavourable to carry out such observation.

Amendment of the Fourth Schedule

8. The Fourth Schedule of the Principal Rules is amended by substituting paragraph 2 with the following new paragraph:

“Strata Titles Plan

2.1 Strata Titles Plan shall be prepared in accordance with the requirements of the Strata (Subsidiary Titles) Ordinance, 2019 [*Cap. 75*] for the building(s) or land approved for strata subdivision pursuant to Part X of the Land Code [*Cap. 81 (1958 Ed.)*]. The format and contents of the Strata Titles Plan shall be in accordance with circulars or guidelines to be issued by the Director of Lands and Surveys, Sarawak from time to time as required.

2.2 There are two types of Strata Titles Plan:

(a) **Strata Subdivision Plan**, which shall be prepared from the relevant approved building plan and any approved amendments thereto under the Buildings Ordinance, 1994 [*Cap. 8*]; and

(b) **Certified Strata Plan**, which shall be prepared from the relevant approved strata subdivision plans with such modifications as the land surveyor may consider necessary in the light of the Type B Survey.

Both of the above Plans - the **Strata Subdivision Plan** and **Certified Strata Plan** - shall comprise the **Delineation Plan, Index Plan, Storey Plan** and **Schedule of Parcels**, and shall be prepared based on specifications as detailed below.

2.3 Specifications for Strata Titles Plan

2.3.1 Delineation Plan

(a) Every **Delineation Plan** shall be prepared in the manner that the annotation of plan can be clearly viewed on a standard ISO A3 size paper.

(b) The scale on which a plan is drawn shall be so selected such that the annotation of plans and all relevant details can be clearly seen.

(c) If the size of the lot is too large and contains many buildings or features which make it difficult to be drawn on one single ISO A3 size paper, the Delineation Plan shall be drawn on multiple ISO A3 size paper and properly cross-referenced.

(d) The Delineation Plans shall be numbered first and followed by the Index Plan, Storey Plan and Schedule of Parcels in that order.

(e) Each Delineation Plan shall :

- (i) show the title number of the lot comprised therein;
- (ii) delineate the boundaries and boundary marks of the lot in question;
- (iii) delineate the position(s) of building(s) thereon by reference to the lot boundary;

- (iv) in the case of land parcel(s), delineate the position(s) of the land parcel(s), showing the position(s) of the building(s) thereon by reference to the lot boundaries and/or boundaries of land parcel(s);
 - (v) indicate in respect of each building, the index-letter or number;
 - (vi) specify the superficial area on the ground of each building;
 - (vii) distinguish such parts of the ground or land as are not to be included in any of the building(s) but are to become part of the common property;
 - (viii) show a legend of the building(s), land parcel(s) and common property;
 - (ix) in the case of provisional block(s), delineate the position(s) of provisional block(s) by reference to the lot boundary, and shall be drawn in broken lines. Its superficial area shall be specified.
 - (x) show the plan serial number; and
 - (xi) show the scale of the plan.
- (f) measurements or details on any part of a plan which would otherwise be illegible or difficult to interpret, shall be shown on a diagram drawn on a scale larger than that of the plan, or drawn not to scale, as an inset.
- (g) Every plan shall bear the name(s) of the draftsman(s) and the checker(s), and the dates of completion.
- (h) Every Delineation Plan shall have a certification by a land surveyor. The format of the certification is as set out in the Fifth Schedule of the Land Surveyors (Conduct of Cadastral Land Surveys) (Amendment) Rules, 2024 [Swk. L.N. 39/2024].

2.3.2 Index Plan

- (a) Every Index Plan shall be prepared in the manner that the annotation of plan can be clearly viewed in standard ISO A3 size paper.
- (b) The scale on which a plan is drawn shall be so selected such that the annotation of plans and all relevant details can be clearly seen.
- (c) If the lot has too many blocks of buildings or too many floors or features which make it difficult to be drawn on one single ISO A3 size paper, the Index Plan shall be drawn on multiple ISO A3 size paper and properly cross-referenced.
- (d) The Index Plan shall be numbered consecutively after the Delineation Plan.
- (e) Each Index Plan shall:
- (i) show the title number of the lot comprised therein;
 - (ii) indicate in respect of each building the index-letter or number;
 - (iii) show the plan serial numbers; and
 - (iv) show the scale of the plan.
- (f) The Index Plan shall show an Inset of Locality Plan with the following details:
- (i) the boundaries of the lot, its number and area; and

- (ii) the abutments and adjoining lot numbers, roads and all other relevant details as may be required.
- (g) Measurements or details on any part of an Index Plan which would otherwise be illegible or difficult to interpret, shall be shown on a diagram drawn on a scale larger than that of the plan, or drawn not to scale, as an inset.
- (h) The Index Plan shall include a vertical section of each building, defined by reference to permanent construction of floors and showing the height of each storey.
- (i) In the case of provisional block(s), the vertical section(s) of the building(s) shall be drawn in broken lines.
- (j) Storeys shall be numbered from the ground floor as Storey 1, Storey 2, *etc.*, upwards and the basement 1 (B1), *etc.* downwards.
- (k) Every plan shall bear the name(s) of the draftsman(s) and the checker(s), and the dates of completion.
- (l) Every Index Plan shall have a certification by a land surveyor. The format of the certification is as set out in the Fifth Schedule of the Land Surveyors (Conduct of Cadastral Land Surveys) (Amendment) Rules, 2024 [*Swk. L.N. 39/2024*].

2.3.3 Storey Plan

- (a) Every Storey Plan shall be prepared in the manner that the annotation of plan can be clearly viewed in standard ISO A3 size paper.
- (b) The scale on which a plan is drawn shall be so selected such that the annotation of plans and all relevant details can be clearly seen.
- (c) If the floor size is too large or there are too many parcels or features which make it difficult to draw on one single ISO A3 size paper, the Storey Plan shall be drawn in multiple ISO A3 size paper and properly cross-referenced.
- (d) The Storey Plans shall be numbered consecutively after the Index Plans.
- (e) Each Storey Plan shall show:
 - (i) the title number of the lot comprised therein, and the building and numbered storey thereof to which the plan relates;
 - (ii) the Plan serial numbers;
 - (iii) the boundaries of each of the proposed parcels within the storey by reference to walls of permanent construction;
 - (iv) in the case of provisional block(s), the external boundaries of the provisional block(s) or shared basement for land parcels if any, in broken lines with horizontal dimensions;
 - (v) the area of each parcel and its number;
 - (vi) a legend of all the proposed parcels and common property;
 - (vii) the boundaries of the common property; and
 - (viii) the scale of the plan below the respective headings.

(f) Measurements or details on any part of the Storey Plan which would otherwise be illegible or difficult to interpret, shall be shown on a diagram drawn on a scale larger than that of the plan, or drawn not to scale, as an inset.

(g) Common property that cannot be measured or shown on the plan shall be described.

(h) Each parcel shall be identified by non-recurrent references.

(i) Every plan shall bear the names of the draftsman(s) and the checker(s), and the dates of completion.

(j) Every Storey Plan shall have a certification by a land surveyor. The format of the certificate is as set out in the Fifth Schedule of the Land Surveyors (Conduct of Cadastral Land Surveys) (Amendment) Rules, 2024 [Swk. L.N. 39/2024].

2.3.4 Schedule of Parcels

Every proposed Schedule of Parcels shall:

(a) show the title number of the lot comprised therein, and the building and numbered storey thereof to which the schedule relates;

(b) show the plan serial numbers;

(c) have a tabulation or schedule showing the parcel number, building number and area;

(d) have a tabulation or schedule showing all the accessory parcels, and specify therein the parcels they are made appurtenant to, irrespective of whether the accessory parcels are contiguous to those specified proposed parcels; and

(e) have a tabulation or schedule showing the parcel number, building number and share units in whole numbers of each parcel and the total share units of all the parcels.

3. Limited Common Property Plan

3.1 Limited Common Property Plan shall be prepared in accordance with the requirements of this rule, and contain such other details as specified in the Strata (Subsidiary Titles) Ordinance 2019 [Cap. 75] and Strata Management Ordinance 2019 [Cap. 76] for the subdivided building or land.

3.2 Limited Common Property Plans shall be prepared from the submitted Certified Strata Plan (approved or otherwise) with such modifications as the land surveyor may consider necessary in the light of the Limited Common Property Survey.

3.3 Specifications for Limited Common Property Plan

(a) **Limited Common Property Plan** shall comprise **Delineation Plan, Index Plan, Storey Plan and Schedule of Limited Common Property**.

(b) Every Delineation Plan, Index Plan, Storey Plan and Schedule of Limited Common Property shall be prepared in the manner that the annotation of plans can be clearly viewed on a standard ISO A3 size paper.

(c) The scale on which a plan is drawn shall be so selected such that the annotation of plans and all relevant details can be clearly seen.

(d) If it is difficult to draw the Limited Common Property Plan on one single ISO A3 size paper, the Limited Common Property Plan shall be drawn on multiple ISO A3 size paper and properly cross-referenced.

(e) The Delineation Plan shall be numbered first and followed by the Index Plan, Storey Plan and Schedule of Parcels, and be prepared based on specifications as follows:

3.3.1 Delineation Plan

(a) **Delineation Plan** shall be prepared for limited common property that is located outside the building.

(b) Each Delineation Plan shall show:

- (i) the number of the lot, the title number of the lot comprised therein;
- (ii) the boundaries and boundary marks of the lot in question;
- (iii) the position of all buildings thereon by reference to the lot boundary;
- (iv) in the case of land parcels, the position of the land parcels and all the buildings thereon;
- (v) the boundaries of each of the proposed limited common property and common property on the ground by reference to walls of permanent construction;
- (vi) a legend of all the proposed common property and limited common property.
- (vii) the boundaries of the common property and limited common property;
- (viii) the usage of common property and limited common property to be described in detail;
- (ix) the abutments, adjoining building and parcel, certified strata plan numbers and all other relevant details as may be required;
- (x) the scale of the plan below the respective headings; and
- (xi) Plan serial numbers.

(c) Measurements or details on any part of a plan which would otherwise be illegible or difficult to interpret, shall be drawn on a diagram on a scale larger than that of the plan, or drawn not to scale, as an inset.

(d) Common property or limited common property that cannot be measured or shown in the plan shall be described, and the party responsible for its maintenance, mentioned.

(e) Each proposed limited common property shall be identified by non-recurrent references.

(f) Every plan shall bear the name(s) of the draftsman and the checker(s), and the dates of completion.

(g) Every Delineation Plan shall have a certification by a land surveyor. The format of the certification is as set out in the Fifth Schedule of the Land Surveyors (Conduct of Cadastral Land Surveys) (Amendment) Rules, 2024 [*Swk. L.N. 39/2024*].

3.3.2 Index Plan

(a) The Index Plans shall be prepared to indicate the vertical boundary between the common property and limited common property for the proposed subsidiary management corporation(s) and the management corporation.

(b) Each Index Plan shall show:

- (i) the number of the lot, the title number of the lot comprised therein;
- (ii) the index-letter or number in respect of each building;
- (iii) the boundaries of the common property and limited common property vertically;
- (iv) a legend of all the proposed common property and limited common property;
- (v) Plan serial numbers; and
- (vi) the scale of the plan below the respective headings.

(c) The Index Plan shall show an Inset of Locality Plan with the following:

- (i) the boundaries of the lot, its number and area;
 - (ii) the building(s) or land to be sub-divided and all other building (s) thereon, if any;
- and
- (iii) the abutments and adjoining lot numbers, roads and all other relevant details as may be required.

(d) Measurements or details on any part of an Index Plan which would otherwise be illegible or difficult to interpret, shall be shown on a diagram drawn on a scale larger than that of the plan, or drawn not to scale, as an inset.

(e) The Index Plan shall have a vertical section of each building, defined by reference to permanent construction of floors or ceilings and showing the height of each storey.

(f) Storeys shall be numbered accordingly as stated in the Certified Strata Plan.

(g) Every plan shall bear the names of the draftsman and the checker, and the dates of completion.

(h) Every Index Plan shall have a certification by a land surveyor. The format of the certifications is as set out in the Fifth Schedule of the Land Surveyors (Conduct of Cadastral Land Surveys) (Amendment) Rules, 2024 [*Swk. L.N. 39/2024*].

3.3.3 Storey Plan

(a) Storey Plan shall be prepared for the floor within the subdivided building or land that consists of limited common property.

(b) Each Storey Plan shall show:

- (i) the title number of the lot comprised therein, and the building and numbered storey thereof to which the plan relates;
- (ii) the Plan serial numbers;
- (iii) the boundaries of each of the proposed limited common property within the storey by reference to walls of permanent construction;
- (iv) a legend of all the proposed common property and limited common property.

- (v) the boundaries of the common property and limited common property;
 - (vi) the usage of common property and limited common property shall be described in detail;
 - (vii) the abutments and adjoining parcels and Certified Strata Plan numbers and all other relevant details as may be required; and
 - (viii) the scale of the plan below the respective headings.
- (c) If on any part of a plan, measurements or details would otherwise be illegible or difficult to interpret, a diagram drawn on a scale larger than that of the plan, or drawn not to scale, may be added as an inset.
- (d) Common property or limited common property that cannot be measured or shown in the plan shall be described, and the party responsible for its maintenance, mentioned.
- (e) Each proposed limited common property shall be identified by non-recurrent references.
- (f) Every plan shall bear the names of the draftsman and the checker, and the dates of completion.
- (g) Every Storey Plan shall have a certification by a land surveyor. The format of the certificate is as set out in the Fifth Schedule of the Land Surveyors (Conduct of Cadastral Land Surveys) (Amendment) Rules, 2024 [*Swk. L.N. 39/2024*].

3.3.4 Schedule of Limited Common Property

- (a) Schedule of Limited Common Property shall —
- (i) show the title number of the lot comprised therein, and the building and numbered storey thereof to which the schedule relates;
 - (ii) show the Plan serial numbers;
 - (iii) have a tabulation or schedule for each proposed subsidiary management corporation, showing:
 - (1) description of designated limited common property;
 - (2) the parcel number;
 - (3) plan number;
 - (4) share units of each parcel; and
 - (5) total share units for parcels under the designated limited common property.
 - (iv) have a tabulation or schedule showing the summary of the limited common property, with the following details:
 - (1) title;
 - (2) number of proposed subsidiary management corporation;
 - (3) parcel number for each proposed subsidiary management corporation;
 - (4) total number of parcels under each proposed subsidiary management corporation;
 - (5) total number of parcels under the strata scheme;

- (6) total share units and its percentage for all the parcels of each proposed subsidiary management corporation;
- (7) total share unit and its percentage of the strata scheme; and
- (8) description of location for each subsidiary management corporation i.e. building number, floor number *etc.*

Substitution of Fifth Schedule

9. The Principal Rules are amended by substituting the Fifth Schedule with the following new schedule:

“FIFTH SCHEDULE

CERTIFICATION

(Rules 34 and 35)

1. Certification of Survey Plan

Every survey plan shall bear a certificate in the following form:

“I,of, a land surveyor licensed under the Land Surveyors Ordinance, 2001 [*Cap. 40*], do hereby certify that this plan has been prepared from the survey undertaken by me/done under my supervision and that both plan and survey are correct.

I hereby agree that I shall bear full responsibility as to the correctness of the survey and that it has been made in accordance with the Land Surveyors (Conduct of Cadastral Land Surveys) Rules, 2003 [*Swk. L.N. 137/2003*].

Dated atthis day of 20

.....
Land Surveyor
(Registration No.)”

2. Certification of wholly compiled plan

Every wholly compiled plan shall bear a certificate in the following form:

“I, of, a land surveyor licensed under the Land Surveyors Ordinance, 2001 [*Cap. 40*], do hereby certify that this plan has been compiled by me in whole from

Dated atthis day of 20

.....
Land Surveyor
(Registration No.)”

3. Certification of Strata Subdivision Plan

“I,of, a land surveyor licensed under the Land Surveyors Ordinance, 2001 [Cap. 40], do hereby certify that:

(a) the plan as shown herein is correct and prepared in accordance with Section 6 (1)(b) or Section 9(2) of the Strata (Subsidiary Titles) Ordinance, 2019 [Cap. 75] and the Land Surveyors (Conduct of Cadastral Land Surveys) Rules, 2003 [Swk. L.N. 137/2003]; and

(b) the buildings or land parcels shown in the plan are capable of being subdivided under the provisions of the Strata (Subsidiary Titles) Ordinance, 2019 [Cap. 75].

Dated atthis day of 20

.....
Land Surveyor
(Registration No.)”

4. Certification of Certified Strata Plans

“I,of, a land surveyor licensed under the Land Surveyors Ordinance, 2001 [Cap. 40], do hereby certify that the plan as shown herein is correct and prepared in accordance with Section 10(2), 10(3), 10(4) and 10(5), and Section 11 (1)(b) and 11(1)(c) of the Strata (Subsidiary Titles) Ordinance, 2019 [Cap. 75], and correctly represents the survey undertaken by me/done under my personal supervision, and that both plan and survey are correct.

I hereby agree that I shall bear full responsibility as to the correctness of the survey and that it has been made in accordance with the Land Surveyors (Conduct of Cadastral Land Surveys) Rules, 2003 [Swk. L.N. 137/2003].

Dated atthis day of 20

.....
Land Surveyor
(Registration No.)”

5. Certification of Limited Common Property Plan

“I,of, a land surveyor licensed under the Land Surveyors Ordinance, 2001 [Cap. 40], do hereby certify that the plan as shown herein is correct and prepared in accordance with Section 23(2) & 23(3)(d) of the Strata (Subsidiary Titles) Ordinance, 2019 [Cap. 75] and correctly represents the survey undertaken by me/done under my personal supervision, and that both plan and survey are correct.

I hereby agree that I shall bear full responsibility as to the correctness of the prepared plan and that it has been made in accordance with the Land Surveyors (Conduct of Cadastral Land Surveys) Rules, 2003 [Swk. L.N. 137/2003].

Dated atthis day of 20

.....
Land Surveyor
(Registration No.)”

6. Certification by Architect/Engineer

“In compliance with Section 11(1)(d) of the Strata (Subsidiary Titles) Ordinance, 2019 [Cap. 75],
 I, of
 a registered Architect under the /
 a professional Engineer under the
 being the Architect/Engineer appointed by the proprietor for the proposed Development on Lot.....

 do hereby certify that the building(s) was/were constructed in accordance with
 (1) the Building Plan approved under the Building Ordinance, 1994 [Cap. 8]
 Date :
 Ref. No. :
 (2) and any other approved amendments thereto under the Building Ordinance, 1994 [Cap. 8]
 Date :
 Ref. No. :

 Dated atthis day of 20

 Architect/Engineer
 (Registration No.)”

7. Certification by Architect/Engineer

“In compliance with Section 5(3)(d) of the Strata Management Ordinance, 2019, [Cap. 76]
 I, of

 a registered Architect under the /
 a professional Engineer under the
 being the Architect/Engineer appointed by the proprietor for the proposed Development on Lot

 do hereby certify that the building(s) and/or land parcel(s) shown in the Strata Subdivision Plan and to be
 constructed in accordance with the approved Building Plans are capable of being subdivided under the provisions
 of the Strata (Subsidiary Titles) Ordinance, 2019 [Cap. 75].

 Dated atthis day of 20

 Architect/Engineer
 (Registration No.)”

8. Certification by the Proprietor

“I/We,of.....

 being the registered Proprietor/Power of Attorney of Lot

do hereby certify that:

- (1) the boundaries of all the proposed parcels shown in the Strata Subdivision Plan are correct, and are in accordance with what was sold or agreed to be sold by me/us; and
- (2) the proposed share unit assigned to each proposed parcel was assigned by me/us and is in accordance with Section 12(1) of the Strata (Subsidiary Titles) Ordinance, 2019 [Cap. 75].

Dated atthis day of 20

Registered Proprietor/Power of Attorney:

<i>Name</i>	<i>I.C. No.</i>	<i>Signature</i>	<i>Date</i>
.....
.....
.....
.....

(NB : If the Registered Proprietor(s) is/are a Company, then signatures of the Company Director(s) and the Company Secretary including the Company Seal/Stamp are required.)

9. Certification of Utility Survey Plan and Report

“I, a land surveyor licensed under the Land Surveyors Ordinance, 2001 [Cap. 40], do hereby certify that the survey from which this plan and report have been prepared was carried out in the field in accordance with the approved guidelines issued by the Land and Survey Department, Sarawak and that this plan and report correctly represent the survey completed on the day of20

Dated thisday of 20

.....
 Land Surveyor
 (Registration No.)”

New Seventh Schedule

10. The Principal Rules are amended by inserting immediately after the Sixth Schedule the following new Schedule:

“SEVENTH SCHEDULE**SHARE UNIT FORMULA**

(Rule 35)

The share units of a parcel are the area of that parcel multiplied by the weightage factor for that type of parcel and the weightage factor for the entire floor parcel.

If there is any accessory parcel, the area of that accessory parcel is multiplied by the weightage factor for that accessory parcel.

If there are more than one accessory parcel, the formula for calculation shall be applicable to each accessory parcel and it shall then be added accordingly. Both the value of the parcel and accessory parcel shall be added to determine the total share units.

The calculation formula is as follows:

$$\begin{aligned}\text{Share units of parcel} &= (A \times F_1 \times F_2) + (B \times F_3) \\ \text{Share units of land parcel} &= (A \times 0.8) + (B \times F_3)\end{aligned}$$

where

- (a) A is the area of the parcel
- (b) B is the area of the accessory parcel
- (c) F_1 is the weightage for the type of parcel as specified in Schedule A
- (d) F_2 is the weightage for the overall floor parcel as specified in Schedule B
- (e) F_3 is the weightage for the accessory parcel as specified in Schedule C.

Schedule A – Type of Parcel

<i>No.</i>	<i>Type of Parcel</i>	<i>Without Air Conditioning centralised to the common property</i>		<i>With Air Conditioning centralised to the common property</i>	
		<i>Public Elevator / Escalator provided</i>	<i>No Public Elevator / Escalator provided</i>	<i>Public Elevator / Escalator provided</i>	<i>No Public Elevator / Escalator provided</i>
1.	Apartment / Small Office Home Office (SOHO)	1.00	0.85	1.30	1.15
2.	Office Complex / Institutional (College)	1.00	0.85	1.30	1.15
3.	Commercial	2.00	1.70	3.20	2.90
4.	Hotel Complex / Medical Centre Complex	2.20	1.90	2.80	2.45
5.	Industrial Complex	1.00	0.85	1.45	1.30
6.	Car Park (overall floor parcel)	0.75	0.65	0.85	0.75
7.	Shop-houses, Shop-apartments, Shop-offices (two storeys and more) (a) upper floor (b) ground floor	1.00 0.85	0.85 0.85	1.30 1.15	1.15 1.15
8.	Land Parcel	0.80	0.80	0.80	0.80

Schedule B – Overall Floor Parcel

<i>No.</i>	<i>Parcel</i>	<i>F₂</i>	<i>Basis</i>
1.	Overall floor parcel excluding area for vertical transportation core (elevators or escalators) or floor area which has a breadth of 1,000 to 3,000 square metres	0.85	For the overall floor excluding the vertical transportation core
2.	Overall floor parcel including area for vertical transportation core (elevators or escalators) or floor parcel which has a breadth of 3,000 square metres and above	0.80	For the overall floor including the vertical transportation core
3.	Not whole floor parcel which has a breadth less than 1,000 square metres	1	Not applicable

Schedule C – Accessory Parcel

<i>No.</i>	<i>Accessory Parcel</i>	<i>F₃</i>	<i>Basis</i>
1.	Outside Building	0.25	To reflect a non-habitable open or enclosed area outside the building
2.	Within Building	0.50	To reflect a non-habitable open or enclosed area within the building

Notes:

- (i) Areas are specified in square metres.
- (ii) For land parcels, the area of parcel shall be the area of the land comprised in the land parcel, or the total floor area of the building, whichever is the higher.
- (iii) Schedule A is distinguished by the provision of an elevator or escalator for common use with centralised air-conditioning which is a common property.
- (iv) Schedule B shall not apply to shop-houses, shop-apartments, shop-offices and duplexes (each parcel consists of two floors).
- (v) “Commercial” type of parcel in Schedule A shall include but is not limited to, retail complex, serviced apartments, and the like.
- (vi) If the type of parcels as approved by the authority is not mentioned in Schedule A, then the type deemed to be closest to the listed parcel types shall be adopted.
- (vii) Share units shall be described as a whole number, and any fractions or decimals shall be rounded to the nearest whole number (for example : 109.4 = 109, 82.5 = 82, 146.8 = 147).

Made this 14th day of September, 2023.

DATU ABDULLAH BIN JULAIHI
Chairman,
Land Surveyors Board, Sarawak

Approved by the Majlis Mesyuarat Kerajaan Negeri this 14th day of September, 2023.

DATU AZLAN BIN HAJI ALI BADRI
Clerk to Majlis Mesyuarat Kerajaan Negeri

Swk. L. N. 40

THE LAND SURVEYORS ORDINANCE, 2001

THE LAND SURVEYORS
(REGISTRATION, LICENSING AND PRACTICE) (AMENDMENT) RULES, 2024

(Made under section 31)

In exercise of the powers conferred by section 31 of the Land Surveyors Ordinance, 2001 [*Cap. 40*], the Land Surveyors Board, Sarawak has, with the approval of the Majlis Mesyuarat Kerajaan Negeri, made the following Rules:

Citation and commencement

1. These Rules may be cited as the Land Surveyors (Registration, Licensing and Practice) (Amendment) Rules, 2024, and shall be deemed to have come into force on the 1st day of January, 2024.

Amendment of Rule 10

2. Rule 10(c) of the Land Surveyors (Registration, Licensing and Practice) Rules, 2003 [*Swk. L.N. 136/2003*] (hereinafter referred to as “the Principal Rules”) is amended by substituting the word “two” in line 1 with the word “four”.

Amendment of Rule 15

3. Rule 15 of the Principle Rules is amended by substituting sub-rule (1) of rule 15 with the following new sub-rule:

“Eligibility to be candidates for examinations

15.—(1) Candidates may apply to sit for the examinations as prescribed under rule 19, at any time during the period of articleship.”

Amendment of Rule 19

4. The Principle Rules are amended by substituting rule 19 with the following new rule:

“Examinations

19. The examinations shall consist of—

(a) Written examination;

The subjects of examination shall be:

(i) Land tenure – the evolution, principles and practice of land tenure and detailed knowledge of tenure systems in Sarawak; and

(ii) Laws and regulations – Laws and regulations relating to land and land surveying in Sarawak;

(b) Submission of project reports as prescribed in Rule 20;

(c) Oral Examination; and

(d) Practical Examination.”

Amendment of Rule 20

5. The Principle Rules are amended by substituting rule 20 with the following new rule:

“Submission of project reports, oral and practical examinations, etc.

20.—(1) The candidate shall submit to the Board his original field notes, relevant calculations, plans and digital data conforming to the Land and Survey Department’s standards including a written report in respect of the following:

(a) a survey involving the subdivision or alienation of not less than 25 town lots for development (residential, commercial, industrial or a combination thereof);

(b) a survey involving any ONE of the following:

(i) a survey of rural agriculture land consisting of not less than 5 contiguous lots, two of the boundaries of which shall coincide with and be reinstated from previous approved surveys - the survey shall also include the laying out of a road reserve with parallel sides;

(ii) an acquisition survey for road reserve or bund and drain reserve of at least 400 metres in length affecting a minimum of 5 underlaying lots; or

(iii) a strata title survey Type “B” involving subdivision of building with not less than 10 lots.

(c) a survey involving any one of the following:

(i) proposed road, railway or drainage work of not less than 400 metres in length, with the requisite longitudinal and cross sections thereof;

(ii) water pipeline, electrical transmission line or other underground utility services of not less than 400 metres in length;

(iii) a topographical survey of not less than 10 hectares on a scale of 1:1,000 with 2 metre contours;

(iv) a large scale (1:10,000 scale or larger) photogrammetric mapping project of an area covered by not less than two photogrammetric models;

(v) a hydrographic survey project involving a medium scale (1:5,000 or larger) bathymetric survey of not less than 25 hectares of a coastal area, where the bathymetric survey lines are spaced at not more than one centimeter of the plotting scale;

(vi) a Global Navigation Satellite System (GNSS) project involving a minimum of 6 points fixed by satellite positioning; or

(vii) an Unmanned Aerial System (UAS) mapping project for a minimum area coverage of 10 hectares.

(d) a layout plan and a subdivision plan for a scheme of any ONE type of development of the following, showing the access roading, layout of lots to include open spaces and basic amenities where applicable and appropriate to the development and conforming to the prevailing planning requirements for such development:

(i) a scheme for the subdivision of agricultural land of not less than 5 lots;

(ii) a scheme for any type of residential development for houses not more than 2 storeys high with not less than 8 units but not exceeding 40 units; or

(iii) a scheme for temporary usage (child-care centre, day-care centre, tuition centre, kindergarten, nursery, *etc.*).

(2) Upon passing the project reports as prescribed in rule 20(1), the candidate shall be required to take an oral and practical examination as set and conducted by the Board.”

Amendment of Rule 25

6. Rule 25 of the Principle Rules is amended by substituting the word “four” in line 1 of rule 25 with the word “eight”.

Made this 14th day of September, 2023.

DATU ABDULLAH BIN JULAIHI
*Chairman,
Land Surveyors Board, Sarawak*

Approved by the Majlis Mesyuarat Kerajaan Negeri this 14th day of September, 2023.

DATU AZLAN BIN HAJI ALI BADRI
Clerk to Majlis Mesyuarat Kerajaan Negeri

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