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Message

Land Revenue & Settlement Department-in ‘Survey Handbook, 2015’ kan neih hnuah siamthat ngaite siam tha-in Survey Manual 2020 buatsaih peih a lo ni leh ta a. Department-in mipui rawng a bawlna kawng hrang hranga hmasawnna pawimawh a neihte zinga mi a nih avangin Pathian leh, a buaipuitu Directorate-a Technical mite chungah ka lawm tak meuh a ni.

Leilung chhiat fai vekna khawp thil a thleng a nih loh chuan ram hi boral mai thei lo, mihringte leh nungcha dangte’n chen na’n leh hmasawnna kawng hrang hrang atana a lova awm theih loh, kan mamawh kumhlun a nih avang leh, chhungkaw ro leh innghahna, thlahte thlenga kan inrochuntir thin, boral thei lo awm chhun a nih avangte hian uluk leh felfai taka teh leh chhinchhiaha, a record-te vawn ngei tur a ni a. Chutianga Sorkar, Pawl leh mite ro thil tak tak chhinchhiahu leh record vawngtu Sorkar kutke kan nih avangte, Sorkar sum atana ram chhiah lak tur zat hriatna ber ram record vawngtu leh ram chhiah pawh la khawmtu kan nih avangte hian Revenue Department hian mawhphurha sang leh zahawm tak kan nei a ni.

Mi thenkhat phei chuan Revenue Department hi Department dang zawng zawngte nu (mother department) an ti hial a. Chu mawhphurhna chu a bulthum atanga fel taka kan hlen chhuahna atan he Manual hi a tangkai hle dawn a. Revenue Department hna thawktute bakah, ram teh tur neitute leh khawtlang hrugtute’n kan mawhphurhna theuhte kan hlen chhuah theih na’na min puitu atan kan hman theuh ka induhsak e.

Angella Zothanpuii

Director

*Land Revenue and Settlement
Mizoram : Aizawl*

THUHMAHRUAI

Khawvel lo thang zel leh hmasawn zelah kawng hrang hranga hnathawh dante pawh a lo danglam theiin technique thar a lo awm zel a. Chu'ng karah chuan Revenue Department hnathawh dante pawh lo danglam hret hretin tihdan thar hman chhoh a lo ni ta zel a.

Hetianga hun lo inher zelah hian hna thawktute tana hnathawh a awlsam a, kalphung fel tak neia thawh a nih theih nan Manual neih ngei tul tihna a lo awm a; hotute thurawn angin Manual buatsaih a ni ta a ni.

Directorate Office-a Information Cell chuan Survey Handbook an lo siam tawh a; chu Handbook chu ennawna Survey Manual buatsaih chu Technical Officer meeting chuan tha a ti a, a tul ang ang lo buaipua a bua chhuah theih tura lo buatsaih turin Pu C. Lalchhuanmawia, Asst. Survey Officer chu ruat a ni a; ani hian a hna pangngai thawk chungin a lo fun fel thei ta a ni. Hei hi Government approval dil niin approval pawh hmuh a ni a (vide No. B.12011/1/2019-REV Dt. 24.7.2020). Tin, Govt. Approval hmuh a nih hnu hian Technical miten uluk taka zirho a ni a, hman theih tura peih fel a lo ni ta a ni. He Manual hi uluk taka zir zelin hmang ila, kal hmang inang leh thu khat vuain Revenue Department tan hna i thawk zel ang u.



(C. LALRINGLIANA)
Joint Director of Survey
Land Revenue and Settlement
Mizoram : Aizawl

SURVEY MANUAL

A. PIECEMEAL (HOUSE SITE) SURVEY:

Piecemeal Survey chu ***Survey Operation*** ni lova in hmun lo ram teh hi a ni.

Hemi chung changa hriat tur leh zawm turte chu:

1. Inhmun dilna enfiah chungchang:

Dilna reng reng chu concern Officer-in detailment order siam hmain a endik vek ang a, a hnuai tarlante hre reng chungin a endik tur a ni ang.

- a) In hmun dilna form chu kim taka fill-up a ni tur a ni a, form-a thil ziakte chu a dik em tih leh rinhlelhawm a awm em tihte ngun taka enfiah tur a ni a; tih tur tulte pawh tih kim a ni em tih enhian bawk tur a ni.
- b) Ram diltu chuan Zoram chhiah a pe ngei tur a ni.
- c) In hmun diltu chu The Mizoram (Land Revenue) Act, 2013 -in a sawi anga In hmun nei thei dik tak a ni em tihte enhian tur a ni.
- d) Hengte hi dilnaah chuan thil tel ngei tur a ni.
 - i) Zoram Chhiah pekna attested copy
 - ii) Electors' Voter Identity Card attested copy
 - iii) Aadhaar Card attested copy
- e) Application hi GIS database-ah enfiah hmasak tur a ni.

2. In hmun dil lai enfiah chungchang:

- a) Detailment order hmang chauhin ram teh tur a ni.
- b) Dil lai hmunah chuan mi dang kutthlakna hnuhma te, neitu nia inchhal te an awm emaw enhian tur a ni.
- c) Dil lai hmun hi mimal emaw vantlang emaw atangin sawiselna (objection) a awm em tih hriatchian ngei tur a ni.
- d) Ram dil lai chu dik taka teh chhuakin, horizontal distance hmanga map siam tur a ni a, horizontal distance dik taka chawhchhuah a nih theih nan vertical angle dik tak ***Abney's Level*** hmanga lak tur a ni. Vertical angle hian horizontal distance bakah area tlengin a nghawng tih hriat tur a ni. Area hi horizontal area dah tur a ni (No. H. 11019/4/2018-REV Dt. 25.2.2020).
- e) Prismatic Compass hmanga bearing (degree) kan chhiarin degree mai bakah minute tlenga lak tum tur a ni. Hemi ti tur hian degree bak hi chu decimal point-a dah tur a ni.
 - e.g. 352 degree 30 minute = 352.50degree (see Fig.No. 1)

- f) Boundary Pillar tinah Reference tha tak pahnih aia tlem lo siam ngei tur a ni. Heng reference point-te hi bo emaw chhe mai thei lo tur ngaiantuah hram nise, horizontal emaw surface measurement emaw a nih dan ziahlan tur a ni a, a theih chen chenah horizontal-a teh tur a ni.
- g) Vantlang kawng pahnihin a karcheh ram te, kawng kawi chunglama mi emaw, kawng pengthuam bula zingzum emaw chu, kawng leh kawng inkar 4m(H) tling chin chauh Pass pek

theih a ni. Tin, sorkar leh vantlang thil, he'ng - kawng leh kawng ko dawlna lungremte, culvert, lei (bridge), luikawr thawmthatna te, lei min tur chhanna hmanraw din te, etc. ramruak lo awmsa huam tel tura ram dilna emaw ram neihsa zauh belh dilna emaw reng reng chu recommend emaw buaipui emaw phalsak emaw hauh loh tur a ni.(vide H. 11018/4/2018-REV Dt.16.7.2019)

- h) Ram panna kawng (approach) a awm ngei tur a ni.
- i) Kawr te, kawng te, step te kana ram dil a nih chuan, kawng chu teh hnan mai lovin block-a siama teh tur a ni.
- j) Kawng bul emaw kawrkam emaw a nih chuan hetiang hian Road/kawr Area dah tur a ni.
 - (i) National highway kawng chhak lamah kawng lai tak atanga horizontal-tehin 12.00 metres leh kawng thlang lamah 8.72 metres. He tehna hi kawng zawlah a la tla cheu a nih pawhin road edge atanga 2.00 metres talah dah ngei tur a ni.
 - (ii) Motor kal theihna kawngah chuan kawng thlang leh chhak lamah road edge atangin horizontal-teha 3.00 metres. Kawng zau zawng hi dah vek tur a ni.
 - (iii) Footpath-ah chuan chhak lam leh thlang lamah horizontal-a 1.00 metre a ni tur a ni a, footpath zau zawng hi 1.00 metre aia zim lo tura dah ngei tur a ni.
 - (iv) Nullah/Drain-ah chuan horizontal-2.00 metres. Heng kawr, kawng, etc area hi dah a nih loh chuan a chhan ziahlan tur a ni.
- k) Dillai hmun thenawm (adjoining land holder) atang leh Village/Local Council Chairman atanga NOC lak ngei tur (see rule 4(5) of The Mizoram (Land Revenue) Rules, 2013). NOC pe duh lo an awm chuan a chhan ziakin siamtir tur a ni.
- l) NOC-ah thenawma hming lang ngeiin sign tur a ni.
- m) NOC-a sign ngei tura ngaih sign lo an awm chuan a chhan chiang taka ziah bawk tur a ni.
- n) NOC -ah hian Surveyor hmuh lai ngeiin sign tur a ni a, Surveyor hmuh laia sign lo an awm chuan a chhan ziah tur a ni.
- o) Ramri-ah proposed road, proposed step, proposed footpath leh kawrte a awm chuan a piah lama hmun neitu chuan NOC-ah a sign ngei tur a ni. Heng kawng leh kawr tura ruahmante hi a zau lam teh vek tur a ni a, proposal siam a nih dan leh a chhante ziah lan tur a ni.
- p) Vantlang hriselna leh khawtlang hmasawnna dal thei a ni ang em tih enhian tur a ni.
- q) Ram teh laia awmte group photo lak ngei tur a ni a, thlalaka mimal tinte chu an hming, nihna leh phone number tarlan vek tur a ni. A theih loh chuan a chhan ziahlan tur a ni.
- r) Ram teh chu a location dik tak Google map-ah zawngin screen shot tur a ni a, chumi ang tak chuan GIS database-ah dahluh tur a ni.
- s) Ram thenawma ram neitute Land Document Number chu a theih chen chenah tarlan tur a ni.

3. House Pass LSC siam tura dilna:

Dilna reng reng chu concern Officer-in detailment order siam hmain a endik vek ang a, a hnuaia tarlante hre reng chungin a endik tur a ni ang.

a) Dilna form chu kim taka fill-up a ni tur a ni a, form-a thil ziakte chu a dik em tih leh rinhlelhawm a awm em tih ngun taka enfiah tur a ni a, tih tur tulte pawh tih kim a ni em tih enhian bawk tur a ni.

b) Inhmun teh tur chungchange lehkha pawimawhte a kim em tih enhian hmasak vek tur a ni.

Chungte chu:-

- (i) Prescribe Application form
- (ii) House Pass attested copy
- (iii) Voter's ID attested copy
- (iv) Chhiah pekna receipt attested copy / Tax clearance certificate
- (v) Aadhaar Card attested copy

4. House Pass LSC siam tura teh thu:

- a) Detailment order hmang chauhin ram survey tur a ni.
- b) Inhmun teh tur chu danin a sawi angin RCC ban emaw thingril ban emaw phun a, hmanraw chhe mai lo turte nen hung a ni tur a ni. (Section 36(3) of The Mizoram (Land Revenue) (Amendment) Act, 2019).
- c) Hmun teh tur chu awlsam taka Surveyor-te an kal vela an teh theih nan a neituten an lo samfai tur a ni a, an samfai loh chuan teh loh tur a ni.
- d) Inhmun teh tur chu a House Pass location nen a inmil ngei em tih enhian tur a ni.
- e) House Pass-in a huam chin chu dik taka teh chhuakin, horizontal distance hmanga map siam tur a ni a, horizontal distance dik taka chawhchhuah anih theih nan vertical angle dik tak **Abney's Level** hmanga lak tur a ni (Vertical angle hian horizontal distance bakah area thlengin a nghawng tih hriat tur a ni).
- f) Site plan / fair drawing siam nan leh ramri hawi zawng (direction) dik taka siam a nih theih nan bearing lak tur a ni a, hemi atana hmanrua kan hman thin chu **Prismatic Compass** a ni. Prismatic Compass hmanga bearing (degree) kan chhiarin degree mai bakah minute thlenga lak tur a ni. Hemi ti tur hian degree bak hi chu decimal point-a dah tur a ni.

e.g. 352degrees 30minute = 352.50degrees

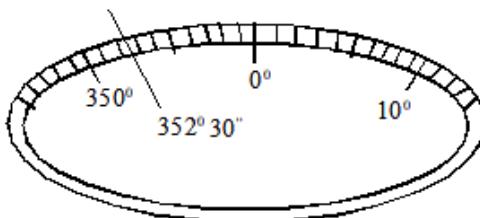


Fig. 1: Prismatic Compass reading lak dan. Heta entir ang hian reading chu 352degree 30minutes a ni a, ziak dan tur chu 352.50degrees a ni. Vertical Angle (V/A) reading-ah pawh hetiang hian tih tur a ni.

- g) Ram teh tur chu boundary pillar phun hnuah chauh teh tur a ni a, hei hian pillar observation accuracy a titha zual ang.
- h) In hmun thenawm (adjoining land holder) atang leh Village/Local Council Chairman atanga NOC lak ngei tur (see rule 4(5) of The Mizoram (Land Revenue) Rules, 2013).
- i) NOC-ah thenawma hming lang ngeiin a sign tur a ni.
- j) NOC-a sign ngei tura ngaih sign lo an awm chuan a chhan chiang taka ziah bawk tur a ni.
- k) NOC-ah hian Surveyor hmuh lai ngeiin sign tur a ni a, Surveyor hmuh laia sign lo an awm chuan remark-ah ziahlan tur a ni.
- l) Ram panna kawng (approach) a awm ngei tur a ni.
- m) Kawr te, kawng te, step te kana ram neih a nih chuan, teh hnan mai lovin block- a siama teh tur a ni.
- n) Ramri-ah proposed road, proposed step leh Proposed footpath -te a awm chuan a leh lama ram neitu chuan NOC-ah a sign ngei tur a ni. Tin, heng kawng etc zau lam hi teh tur a ni.
- o) House Pass dimension ang chiahin teh tur a ni. A nih loh chuan a chhan ziah tur a ni.
- p) Kawng, nullah, drain, footpath, etc. reserve/area dah ngei tur a ni a, a dah dan chu a chunga A.2.(j)-a tarlan tawh ang hi a ni. Reserve dah a nih loh chuan a chhan ziah tur a ni ang. Kawng etc zau zawng hi teh ngei bawk tur a ni.
- q) Ram teh laia awmte group photo lak ngei tur a ni a, thlalaka mimal tinte chu an hming, nihna leh phone number tarlan vek tur a ni. A theih loh chuan a chhan ziahlan tur a ni.
- r) Ram teh chu a location dik tak Google map-ah zawngin screen shot tur a ni a, chumi ang tak chuan GIS database-ah dahluh tur a ni.
- s) Ram thenawma ram neitute Land Document Number chu a theih chen chenah tarlan tur a ni.

5. LSC awm tawhsa teh chungchang:

LSC awm tawhsa pawh chhan hrang hrang vanga teh nawn/teh that a tul chang a awm thin a, chutiang hun a lo thlen pawha hriat turte chu:

- a) Detailment order siam hmain concern Officer chuan dilna lo lut a lo enfiah thin tur a ni. Diltu tih turte tih kim a nih leh nih loh enhian vek tur a ni.
- b) Ram thensawm tur a nih chuan a area enin then theih a ni ngei em tih hriatchian ngei tur a ni. In ding lo then tur chu 111.50 sqm. aia zim lo a ni tur a ni a, in a din chuan 46.45 sqm. (500sqft) aia zim lo a ni tur a ni. (vide No. H.11018/6/2008-REV/Pt-II Dt. 20.5.2014)
- c) Kan ram teh tur chungchange lehkha pawimawhte enfela a kim leh kim loh te check hmasak thin tur a ni, chungte chu:
 - (i) Prescribe Application form
 - (ii) LSC original attested copy

- (iii) LSC clearance certificate
- (iv) Voter's ID attested copy
- (v) Chhiah pekna receipt attested copy / Tax clearance certificate
- (vi) Aadhaar Card attested copy
- d) Detailment order hmang chauhin ram teh tur a ni.
- e) LSC-in a huam chin chu dik taka teh chhuakin, horizontal distance hmanga map siam tur a ni a, horizontal distance dik taka chawhchhuah anih theih nan vertical angle dik taka lak tur a ni. Hemi atana hmanrua kan hman thin chu ***Abney's Level*** a ni. (Vertical angle hian horizontal distance bakah area thlengin a nghawng tih hriat tur a ni).
- f) Prismatic Compass hmanga bearing (degree) kan chhiarin degree mai bakah minute thlenga lak tur a ni. Hemi ti tur hian degree bak hi chu decimal point-a dah tur a ni.
- g) Ram teh tur chu boundary pillar phun hnuah chauh teh tur a ni a, hei hian pillar observation accuracy a titha zual ang.
- h) In hmun thensawm tur a nih chuan plot tinin approach an nei ngei tur a ni a, approach awmsa a nih loh chuan LSC neituin a pe ngei tur a ni a, tu LSC chhungah mah khung loh tur a ni.
- i) In hmun thenawm (adjoining land holder) atang leh Village/Local Council Chairman atanga NOC lak ngei tur (see rule 4 (5) of The Mizoram (Land Revenue) Rules, 2013).
- j) NOC-ah thenawma hming lang ngeiin a sign tur a ni.
- k) NOC-a sign ngei tura ngaih sign lo emaw Surveyor hmuh laia sign lo emaw an awm chuan a chhan chiang taka ziah bawk tur a ni.
- l) LSC awmsa tibuai lova kawng/step/kawr area dah belh theih a nih chuan daha a zau zawng pawh site plan / fair drawing-ah tarlan ngei bawk tur a ni.
- m) Kawng/step awmsa zau lam teha site plan / fair drawing-a tarlan tura chhinchhiah ngei tur a ni.
- n) In hmun pakhat tan document siam hran zel tur a ni.
- o) Ram teh laia awmte group photo lak ngei tur a ni a, thlalaka mimal tinte chu an hming, nihna leh phone number tarlan vek tur a ni. A theih loh chuan a chhan ziahlan tur a ni. Thlalak hi A4 size paper-ah print tur a ni ang.
- p) Ram teh chu a location dik tak Google mapah zawngin screen shot tur a ni a, chumi ang tak chuan GIS database-ah dahluh tur a ni.
- r) Ram thenawma ram neitute Land Document Number chu a theih chen chenah tarlan tur a ni.

B. MODERN SURVEY:

Modern Survey kan tih chu modern survey instrument i.e. GPS leh Total Station hmanga ram survey, assigned projection leh coordinate behchhana site plan / fair drawing siam leh record hi a ni. Modern survey system hmang hian Inhmun leh huan ramte survey theih a ni a, Prismatic Compass leh Abney's Level-te hman a ngai lo.

Hriat tur pawimawhte chu:

- 1) Instrument hman turte enfel tur a ni a, battery charge a tha em tih te check hmasak vek tur a ni.
- 2) Hna thawhna nana Data pawimawh e.g known coordinates, point description, etc lakkhawm tur a ni. Data neih sa a awm lo a nih chuan GPS hmangin hmun remchangah observation tih chawp tur a ni a, Total Station nen tang kawpin survey tih theih a ni.
- 3) In hmun/ram teh tur chu boundary pillar phun hnuah measuring tape hmanga teh phawt tur a ni a, chumi hnuah pillar observation tih tur a ni, hei hian observation accuracy a titha zual ang. Pillar tinah refernce pahnih aia tlem lo siam tur a ni.
- 4) Ram huam chhunga detail pawimawh leh langsar te chu lak vek tur a ni.
- 5) Hna thawhna hmun kalsan hmain ram neitu pawmpuina Acceptance signature leh NOC-te tihfel vek tur a ni. NOC sign lo emaw Surveyor hmuh laia sign lo an awm chuan a chhan tarlan tur a ni.
- 6) Control point siam nana Traverse survey-ah point awmsa pahnih (two known station) atanga tanin *known station* pahnihah bawk *close* tur a ni. Adjustment tinghalin accuracy pawh 1:2000 aia tlem lo a ni tur a ni a, hemi hmu phak lo chuan *line run* nawn mai tur a ni. Kan mamawh ang accuracy nei turin signal dah danah te, instrument khawih (handling) velah te, centering leh levelling-ah te kan fimkhur hle tur a ni. Station setup zawha forward reading kan lak hmain kan station setup a dik leh dik loh kan check ngei tur a ni ang.
- 7) Total Station data hmangin site plan pawh computer hmanga nallh taka siam tur a ni. GPS data pawh sofware hmanga process ngei tur a ni.
- 8) Report-ah chuan ram survey chu enkawl anih dan kim chang tak tarlan tur a ni.
- 9) Tih tur zawng zawng tih fel veleh GIS Database-ah update tur a ni.
- 10) Kan hmanruate hi chhe thei leh man to tak a nih hriain a hman leh enkawl chungchangah theih tawpin kan fimkhur tur a ni a, dim dawi em em tur a ni.

C. PERIODIC PATTA:

Periodic Patta chu huan-lo-ram atana hun bituk awma ram pek hi a ni.

1. Dilna endik (Scrutiny of application)

- 1) Dilna chu concern Officer -in ngun takin a lo en dik ang a, hei hian tul lova hun, tha leh sum leh pai khawhralna a titlem thei ang.

Aplication chuan hengte hi a keng tel ang:

- (i) Voter's ID attested copy
- (ii) Chhiah pekna receipt attested copy / tax clearance certificate
- (iii) Aadhaar card attested copy

2) Ram dil lai chu Town Area emaw Riverine Reserve area emaw Forest reserve area leh restricted area emaw a ni em tih hriat chian tur a ni a, a tul chuan GIS Database-ah en hmasak tur a ni.

2. Ram dil lai enfiah/teh chungchang:

- 1) Ram enfiah tur chu Town Area chhung emaw Forest reserve area emaw leh Riverine reserve area chhung nge pawn tih hriatchian tur a ni.
- 2) Ram enfiah tur chu Vantlang leh mimal atangin hnialna (objection) a awm leh awm loh hriat chian tur a ni a, report-ah tar lan tur a ni.
- 3) Tun dinhmuna ram an enkawl dan leh eng thlaite nge awm tih hriat chian tur a ni.
- 4) Village/Local Council leh thenawma ram neituten an pawmpuina NOC form-ah Surveyor hmuh lai ngeiin an sign tur a ni a, NOC sign lo emaw Surveyor hmuh laia sign lo an awm chuan a chhan tar lan tur a ni. NOC ah hian Phone number tar lan tel tur a ni.
- 5) A ram awmna bul leh a chhunga thil awm - thing langsar leh lian bik, thlam, etc te map-a tarlan turin an hming nen uluk taka chhinchhiah tur a ni.
- 6) Kalkawng leh lui tui tlan tur awm thei chinin ram a paltlang a nih chuan teh hnan loh tur a ni a, block-in siam tur a ni.
- 7) A theih chenah ramri atan hian natural boundary zui nise, a theih lohna laiah chuan ramri lung phun ngei tur a ni.
- 8) Ram survey chu GIS database-ah *mark* tur a ni.
- 9) Ram teh laia awmte group photo lak ngei tur a ni a, thlalaka mimal tinte chu an hming, nihna leh phone number tarlan vek tur a ni. A theih loh chuan a chhan ziahlan tur a ni. Thlalak hi A4 size paper-ah print tur a ni ang.
- 10) Ram teh chu a location dik tak Google map-ah zawngin screen shot tur a ni a, chumi ang tak chuan GIS database-ah dahluh tur a ni.

Periodic Patta chungchange hriat tur dangte chu **Rule 5&6 of The Mizoram (Land Revenue) Rules, 2013** ah tarlan a ni.

D. LAND LEASE:

Land Lease chu sawrkar department emaw pawlho emaw mimal emaw tana hun engemaw chhung atana ram hawhtir/pek hi a ni. Land Lease chi hnih a awm a, chungte chu:

- a) Departmental Land Lease - Sawrkar Department tana ram pek te,
 - b) Miscellaneous Land Lease - Sawrkar Department ni lo tana ram pekte hi an ni.
- 1) Ram teh hmain heng lehkha pawimawhte hi a kim tur a ni:
 - i) Application signed by Head of Administrative Department
 - ii) Diversion dilna (LSC/Pass awm tawhsa Land Lease siam tur a nih chuan)
 - iii) Zoram chhiah pekna receipt attested copy (mimal dilna a nih chuan)

iv) Firms and Society Registration certificate attested copy (organisation thenkhat - welfare, association, etc tan)

2) Ram teh zawah heng NOC leh Certificate of Acceptance (COA) te hi lak/sign-tir tur a ni. Land Lease atana ram enfiah chungchanga hriat turte chu In hmun enfiahnaa tih turte nen a inang a, document tul te, ram chungchangte uluk tak leh fimkhur taka enfiah tur a ni.

E. GIS DATABASE-A UPDATING OR MARKING TIH DAN

Land record atana pawimawh leh neih ngei ngei ngai chu Database hi a ni. Hetah hian ram leh a neitute chungchanga hriat tur pawimawh zawng zawng a awm avangin a enkawltu pawh mi fimkhur leh taima nih a tul. Hemi chungchanga hriat tur pawimawh te chu :

- 1) Surveyor-in a ram teh awmna lai a hre hle tur a ni a, chu ngei chu Database-ah a mark-tir tur a ni.
- 2) Surveyor-in a ram location a kawhhmuhnla laiah chuan plot emaw mark dang a lo awm tawh a nih chuan a nihna hre chiang hmasa lo chuan luahlantir ngawt loh tur a ni.
- 3) Surveyor-in a ram survey chu database-a mark a nih veleh a chhehvel ram lang telin Macro map print tur a ni a, a report-a a thil tel tur a ni.
- 4) Surveyor ram survey chu mark a nih hunah database milin fair drawing lo siam tur a ni.
- 5) Ram dil lai chu *reject* a lo nih pawhin database atangin pah mai loh tur a ni a, remark-ah *reject* a nih dan tarlan tur a ni. Hei hi he hmunah hian eng sulhnu nge lo awm tawh tih hriat nan a tha a ni. (No. D. 28016/1/15-DTE(REV) Dt. 19.9.2016)

F. RAMBUAI CHUNGCHANGA HRIAT TURTE

Ramri te, a awmna hmun vangte leh neitu nihna thu avangtein buaina a awm thei a, hetiang a lo awm hian chi-ai mai lova ngaihtuahna hman thiam a tul thin. Heng a hnuai tarlante hi rirlua hriat a tha awm e:

- 1) Ram buai chu a chhan dik tak hriatchian hle tur a ni. Mi thenkhat chuan dilnaah hian an ram buai dan tak tarlang lo an awm ve thin tih hriat tur a ni.
- 2) Enfiah hmain an ram chungchanga record (connected papers, etc) awm ang angte enfiah hmasak thin tur a ni.
- 3) Ram buai chungchanga telte (a leh lam leh lam) thu leh hla ngaihchan tawn tur a ni a, an statement fel taka record a tha.
- 4) Ramri chhinchhiahna mumal tak a awm tawh lo a nih chuan a bul vela midang ramte pawh en tel a tul thei a, fimkhur taka teh chhuakin tan bik nei lovin ramri buai dan hriatfiah tum tur a ni.
- 5) Ramri awm dan chiang taka hriat hnuah a neitute chu a nih dan hrilhfiah tur a ni.
- 6) Ramri chungchangah inremsiam dan tur ruahmanpui tum hram tur a ni a, harsatna an neia rem thu sawipui theih an nih loh chuan a nih dan dik tak chu a lem nen report theh luh thuai tur a

ni. Inremna siampui theih a nih chuan inremna lehkha siamin, a theih chinah LSC correction siam ngai a nih pawhin hun dang nghak lovin tehfel nghal tur a ni.

7) Ram buai en laia awmte group photo lak ngei tur a ni. Attendance record siamin hming sign-tir theuh tur a ni a, phone number tarlan tel tur a ni.

8) Report-ah chuan ram buai en laia awm (presents) te tar lan ngei tur a ni a, chumi hnuah an buai dan tarlangin hemi chungchanga ngaihdan emaw thil tul apiangte tarlan zui tur a ni.

9) Report-ah hian kalpui zel dan tur chungchanga ngaih dan emaw rawtna emaw siam ngei tur a ni.

G. REPORT BUATSAIH DAN

Report siam hi thil pawimawh tak a nih avangin ngaihthah tur a ni lova; thu dik leh rintlak, hnathawh tichiang thei leh thuneitute pawhin thutlukna an lo siam theih ngeina tura kimchang taka siam tur a ni.

a) Ram awmna hmun chiang taka ziah tur a ni a, ram awmna hmun tichiang thei turin Veng hming bakah a awmna mual emaw, a bula thil langsar te tarlan tur a ni. YMA Section tarlan ngei tur a ni.

b) Piecemeal survey-ah chuan Pillar Reference distance chiang taka ziahlan tur a ni a, horizontal (H) emaw surface measurement (S) emaw a nih dan ziahlan ni bawk se.

c) Fair Drawing hi GIS Database Map angin A4 size paper-a siam tur a ni a, a theih chen chenah computer hmanga map siam tur a ni a, kan ti thei lo a nih pawhin kut ziak uluk leh fiah tak (hand print)-a ziak tur a ni a, overwriting leh correction a awm nuaih tur a ni lo. Ram zau bikah chuan paper size tihdanglam a tul thei ang.

d) Site plan/drawing-ah chuan a chhung leh bul vela thil awm eg. building, step, road, fencing etc. a zau zawng nen chiang taka tihlan tur a ni a, thenawmte hming leh plot number leh a theih chin chinah Land Document Number ziah lan tur a ni.

e) Piecemeal survey-ah Rough Sketch siam zel a ni a, Cadastral survey-ah pawh hian Operation tih laia a hlawma process tih loh chu a mala tehna report kim taka pein Rough Sketch siam vek zel tur a ni.

(f) Map chi hnih - Micro map (In hmun mal lanna) leh Macro map (In hmun leh a chhehvel ram lanna) siam tur a ni (section 40 & rule 4).

g) Map-ah up-hill side lantir tur a ni.

h) Kawng reng reng chu a pan lam (destination) hriattirna (direction) tihlan zel tur a ni.

i) Fair Drawing-ah hian ram thensawm dan tih-lan-kim tur a ni a, block number pein report pek mek apiang chu circle-a chhinchhiah tur a ni. A thenawm plot-ah chuan thenawm dimension pawh tihlan tur a ni.

j) Fair Drawing-ah chuan **Date of Survey** tih lan tur a ni.

k) Fair Drawing-ah chuan History fiah taka ziah tur a ni.

l) Ram **Grade** dik tak pek tur a ni.

- m) Ram thensawm/extension/correction a nih chuan ram pumpui thensawm/extend/correction anih dan lantirna Site plan chu Graph paper-a plot emaw computer hmanga paper-a siam tur a ni a, plot neitu hming te, plot area te, LSC area te, teh thar area pumpui (plot zawng zawng area belkhawm), etc lantir tur a ni.
- n) Excess area a awm chuan excess area chin (excess portion) chu *hutchuring* hmanga entir tur a ni a, excess area lo awm chhan chiang taka report tur a ni.
- o) Ram teh chu a area-ah zau hran lovin a dimension-ah a lo zau thei a, chu dimension-a a zauna area chu excess area anga tarlan tur a ni.
- p) Ram chu tihzau (extend) tur a nih chuan Site Extension plan-ah tihzau chin chu *hutchuring* hmanga entir tur a ni.
- q) Hming sign-na apiangah Hawrawppua hming pum ziakin ni zat, thla leh kum pawh dah zel tur a ni a, designation seal chhut bawk tur a ni.
- r) Report-ah chuan ram lo chhuah dan te, then emaw redemarcate emaw a nih dan te, tun dinhmuna ram enkawl a nih dan te, In a ding em tih te leh ram chungchang chipchiar taka tar lan tur a ni.
- s) Report-ah chuan Detailment order copy thiltel tur a ni.
- t) Tih tur zawng zawng tihkim a nih hunah surveyor-in a ram survey chu a awmna lai GIS database-ah a chhinchhiahtir/mark ngei tur a ni. GIS data milin fair drawing siam tur a ni.
- u) Ram hlawm khat plan a nih chuan a ruala report kaltir tur a ni a, mosaic map siam ngei tur a ni.
- v) Surveyor chuan a hna thawh chungchange report siam hi khek (pending) mai lovin rang takin a thehlut thin tur a ni.

H. TECHNICAL CHECKING:

Technical Check tituin a hriat tur pawimawhte chu :

- a) Document tulte a kim leh kim loh ngun tak leh chik taka enfiah tur a ni.
- b) GIS database-ah mark a ni em tih enhian tur a ni.
- c) Detailment awm ngeia ram teh a nih leh nih loh enfiah tur a ni.
- d) Ram teh dan leh process a nih chungchangah dan kalha thil tih a awm leh awm loh enfiah tur a ni. Sorkar notification te, circular te leh order dinglaiten a inkalh tur a ni lo.
- e) Fair Drawing pawm tlakin a nalh tha em tih endik tur a ni. Computer hmanga siam a nih loh chuan hand-print mawi taka ziak tur a ni.
- f) Fair Drawing-a data dahluhte a dik ngei em tih endik tur a ni.
- g) Ram teh leh process dan-ah *manual* zawm a ni em tih enhian tur a ni.
- h) Checking Proforma hi kim taka fill up tur a ni.
- i) Checking Proforma bakah hian process nan Note Sheet hman tur a ni.

- (j) Hotuten thutlukna an siam theih turin Note sheet-ah chuan Surveyor report langsar leh thil dang tulte chipchiar taka tar lan tur a ni. Ram hlawmkhat plan a nih chuan hmun khata kaltir tur a ni.
 - k) Mimal ram document pakhat zelin file pakhatah kaltir tur a ni a, LSC then a nih chuan LSC pakhat then zawng chu file pakhatah kaltir tur a ni.
 - l) Document-te chu Approved an nih hnuah Log Book-ah chhinchhiah tur a ni.
 - m) A tul dan azirin a check-tu hian field verification tih tur a ni. Report dik lo tak siam man chhuah an awm chuan a tul anga action lak turin thuneitute hnenah report tur a ni.
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CLASSIFICATION OF LAND WITHIN THE SPECIFIED TOWN AREA OF AIZAWL

CITY.

GRADE - I

Land on both sides of the following road including 30.48m or 100 ft. (surface) or more whichever is applicable from the edge of the road and parcel of land within 200 ft. from the edge of the road of Grade-I if not classified under any other Grade will be classified Grade-III.

- 1) From Treasury Traffic Point - Chanmari at the road junction of Chaltlang near Hrangbana's House and to the main road to Ramhlun at Accounts & Treasuries Office.
- 2) From Bazar Bungkawn to Chanmari via Zion Street and Lower Zarkawt including all the areas near Dawrpui Presbyterian Church.
- 3) From Bazar Bungkawn-Sakawrpului via Saron Veng including all New Market areas.
- 4) From Temple Square Traffic Point to Canteen Square Traffic Point to Canteen Square via Zodin.

GRADE - II

Land on both sides of the following road including 30.48m or 100 ft. (surfaced) or more whichever is applicable from the edge of the road and parcel of land any portion of which is lying at the distance beyond 100 ft. but within 200 ft. from the edge of the road of Grade-II if not classified under any other Grade will be classified as Grade-IV.

- 1) From Treasury Square Traffic Point to Sikulpuikawn via Venghlui and Upper Khatla M.G. Road.
- 2) From Sikulpuikawn to Kulikawn Main Road.
- 3) From Mission Veng near Pu Lalbuia's House to Kulikawn via Thakthing Tlang.
- 4) From Sikulpuikawn to Temple Square Traffic Point via Khatla including Khatla kawn at the road junction of Bungkawn and Nursery Veng.
- 5) From Temple Square Traffic Point to Vaivakawn via Tuikual at the road junction of Chawnpui Zotlang and Chhangurkawn Luangmuai.
- 6) From Vaivakawn to Chanmari Presbyterian Church to the junction of Chaltlang via Chanmari West.
- 7) From Chanmari near Hrangbana's House of Bawngkawn at the road junction of Durtlang and Zemabawk.
- 8) From Chanmari near Accounts & Treasuries Office to Bawngkawn via Ramhlun.
- 9) From Zarkawt to Chanmari via Mc Donald Hill.
- 10) From Khatla kawn to Nursery Veng at Pu R. Selthuama's House via Chawnga Road.
- 11) From Khatla kawn to Bungkawn Bazar via A.H. & Vety Office.
- 12) From Khatla kawn to Bungkawn at Tourism Office via Khatla Bethel.
- 13) From Upper Bazar to Babutlang near PWD Staff Quarter via Aizawl Police Station.

- 14) From Bazar Bungkawn to Chhingga Veng at the entrance of Dawrpui Cemetery.
- 15) From Sakawrpului to Ramthar at Sihpui.
- 16) From Raj Bhavan southern gate to Sikulpuikawn via Tuikhuahtlang.

GRADE - III:

From both sides of the following road including 30.48 m or 100 ft. (surface) or more whichever is applicable from the edge of the road and parcel of land any portion of which is lying at the distance beyond 100ft. but within 200ft. from the edge of the road of Grade-III if not classified under any other Grade will be classified at Grade-V.

- 1) From Treasury Square to College Veng Taxi Stand via Republic Veng.
- 2) From the road junction of Armed Veng and Tuithiang at Chhingga Veng to College Veng Taxi Stand via Bethlehem Veng.
- 3) From Treasury Square Dak Inpui and from Venghlui peng below Raj Bhavan to Bethlehem Veng via Venghlui Presbyterian Church.
- 4) From Mission Veng Presbyterian Church to Mission Vengthlang kawn.
- 5) From Khatla to Dinthar via RM High School at Tuikual.
- 6) From Vaivakawn to Kanan Veng at the entrance of Primary School compound.
- 7) From Dawrpui Vengthar to Dinthar kawn.
- 8) From Bazar Bungkawn to Vaivakawn via Dawrpui Vengthar.
- 9) From Chaltlang Dawrkawn to Laipuitlang PWD Complex area.
- 10) From Chaltlang Dawrkawn to Chaltang Field.
- 11) From Ramhlun North to the junction of Ramhlun Vengthar and Industry Mual to Electric Veng via Ramhlun South and Aizawl Venglai.
- 12) From Bawngkawn Traffic Point to Thuampui at the road junction of Zuangtui and Zemabawk.

GRADE - IV

Land on both sides of following road including 30.48m or 100 ft. (surface) or more whichever is applicable from the edge of the road.

- 1) Starting from Hlimen kawn in front of Hlimen Presbyterian Church to the main road at Melthum to Saikhamakawn. It then follows CP Road at Kulikawn via Hridaikawn and then it goes to Model Veng and to Mission Vengthlang kawn.
- 2) From Mission Vengthlang kawn, it goes to the main road of Khatla South to Nursery Veng kawn and then to Maubawk via Bungkawn. From Maubawk it goes to Bungkawn Vengthar road via Bungkawn Vengthar Presbyterian Church and follows the road to New Secretariat Complex.

- 3) From New Secretariat Complex, it goes to Chawnpui crossing Tuikual lui through Chawnpui via Chawnpui Sport Complex and then it goes to Zotlang in front of Zotlang Presbyterian Church and then to Luangmual Chhangurkawn.
- 4) From Chhangurkawn, it goes to the Central jail Road upto Chawlhhmun Kawn. It then turns to the western side along Chawlhhmun internal road upto Ropaiabawk to Vaivakawn via Zohnuai.
- 5) From Vaivakawn Hunthar peng to Bawngkawn via Company peng and then it goes to Durtlang Road via Leitan to Selesih kawn. It then follows the road to Zuangtui to Thuampui Road.
- 6) From Thuampui, it goes to Zemabawk Forest Check Gate and then it runs along Lungbial Road to Lungbial Presbyterian Church. It then goes to Zemabawk Galilee Veng below Zemabawk High School upto the Bus Stand at Zemabawk. It goes along the road to Army Supply Area to Falkland and then to Thuampui Veng.
- 7) From Bawngkawn, it follows College Road via Ramhlun Vengthar along the lowest road to Ramhlun Sport Complex Veng and then it goes to Ramthar Veng.
- 8) From Ramthar Veng it follows the road to Electric Hebron via Sihpui and then it goes again to Armed Veng Bazar and then it goes again to Bethlehem Vengthlang kawn via Tuithiang Veng. It then follows the road to College Veng via Pachhunga University College and it follows the road to I.T.I. kawn and then it goes to Mualpui kawn.
- 9) From Mualpui kawn, it goes to Salem Veng to Venghnuai and then it follows the road to Kulikawn, and then Saikhamakawn via Ngaizel and Tlangnuam to Melthum, and it meets the starting point at Hlimen.
- 10) From Company Peng to PTC Peng via Rangvamual.
- 11) From Ropaiabawk to Ramrikawn including whole area of Tuivamit Tlang and it goes to Central Jail Road upto Tuivamit Local Council Area including Hmunulh Tlang covering between National Highway Road and Sakawrtuichhun main road. From Ramrikawn it then goes to Mizoram University (MZU) road upto Academy of Integrated Christian Studies (AICS). (vide No.J.11011/1/06-REV Dt. 3.7.2015)

GRADE - V

Land on both sides of all Motorable roads outside the area covered by grade-I, II, III & IV including 30.48m if 100 ft. (surface) or more whichever is applicable.

GRADE - VI

All lands which are not included in the above grade and do not have motorable approach road.

Note :

1. If there is clashes/overlap between the Grades, the higher grade has to supercede the lower one.
2. Land which is included under any one of the Grades i.e. I-VI, but has no frontage/return-frontage to the edge of the road shall be classed under the lower Grade, e.g. I-Grade to II-Grade.

SCHEDULE - IX

CLASSIFICATION OF LAND WITH IN THE SPECIFIED TOWN AREA OF LUNGLEI.

Land on both sides of Motorable/street within the horizontal distance of 30.48m/100 ft. from the edge the road/street, only those sites having frontage/return frontage to the side of the road/street which are :-

I-GRADE:

- 1) Along the main Road from Kikawn Bazar Veng, junction of Thlanmual Road upto dry stream which is the boundary of Ramthar Veng Lunglawn Veng.
- 2) From Venglai Traffic Point, along Parallel Road upto Presbyterian Church Block at bazaar Veng.
- 3) Along the Road from Thana to ST Bus Station, and from Bus Station viz. Revenue Department Office upto Road junction with the main road.
- 4) Along the Road from Auditorium of Art & Culture to dry stream including Sobji Bazar.
- 5) Along the main road from Sobji Bazar to AOC.

II-GRADE:

1. Along the main road from Kikawn to Serkawn Indoor Stadium.
2. Along Parallel Road from Kikawn, below PWD Office to Bazar Veng Presbyterian Church Building.
3. Along Tlabung Road from Thuamluia Mual junction to Old Forest Check Gate.
4. Along the Road from MST Bus Station to Road junction of Tlabung Road.
5. Along the main road from the boundary stream of Ramthar of Lunglawn upto Three Gate.
6. Along the main road from AOC to Three Gate.
7. Along the Road of Falkawn that is Road junction of Ramthar Veng upto District road junction.
8. Along the Road from junction of Old Post Office upto Falkawn now junction (Haka Road).

III-GRADE:

1. Along the main road from Serkawn Indoor Stadium upto (including) BSF Camp.
2. Along Melte Road from Serkawn Christian Hospital to Road junction near DIET Office.
3. Along Rahsi Veng Colony road from Thuamluaia mual junction upto PWD Quarter.
4. Along Tlabung Road from Old Forest Check Gate to Sazai kawn (including Sazai kawn Village).
5. Along the Road from Vety. office of Chanmari upto District Road junction.
6. Along Salem Veng Road from main Road junction to District Road junction.
7. Along Old Road of Tlabung from Three Gate to Luangmuai Supply Godown junction.
8. Along the main road from Three Gate to Theiriat Village (including Theiriat Village).

IV-GRADE:

1. Along main road from Theiriat to Zobawk.
2. Along the main road of Lawnglai from Hrangchalkawn junction within Hrangchalkawn Village.
3. Along the Upper Road of Theiriat from Sethlun, (1) to Dawrzawl (2) Road junction near V.C. House to main road junction.
4. Along Upper Road of Sethlun from Three Gate to main road junction.
5. Along the Road from Road junction near BCM Church Building to main road junction.
6. Along the Road from Lunglawn field to District Road junction.
7. Along the main road from Luangmuai Supply Godown junction to the last 2nd MAP Quarter.
8. Along Old Tlabung Road from Supply Godown junction upto Hauruang village.
9. Along Vanhne Road form Sazai kawn to Chhumliam kawn.
10. Along Rahsi Veng main road from Tleu Veng to PWD Quarter.
11. Along the Road from Pi Zawni Stall junction upto Tleu Road junction.
12. Along the Road from Rahsi Veng Market junction upto PWD Quarter.
13. Along the main road within Venghlun locality.
14. Along the Road from Thuamluaia Mual junction to Bazar main road.
15. Along Truckable road College Road junction to main road junction.
16. Along the Road from Zotlang BSF Camp to Pukpui Village Area.
17. Along the Road from main road junction to Kawmzawl Helipad.
18. Along all internal Truckable Road within Zotlang Village Area.
19. Along all internal Truckable Road within Serkawn including Ramzotlang Village.
20. Along all internal Truckable Road within Zohnuai.
21. Along Kikawn tlang road from Bazar-Kikawn junction to Main road junction.
22. Along Bazar 2nd Parallel Road from Secret Heart School to Electric Veng and from Secret Heart School to Bazar Veng Area.
23. Along all Internal Truckable Road within Electric Veng.

24. Along all Internal Truckable Road within Chanmari, Farm Veng, Ramthar Veng and Salem Veng.

V-GRADE: Along all motorable road within Lunglei Town not mentioned above.

VI-GRADE: All sites which are not mentioned above within Lunglei Town Area.

SCHEDULE - IX

CLASSIFICATION OF LAND WITHIN THE SPECIFIED TOWN AREA OF CHAMPHAI

Land on both sides of Motorable/street within the horizontal distance of 30.48m/100ft from the edge the road/street, only those sites having frontage/return frontage to the side of the road/street which are :-

I-GRADE:

- 1) Along the road from Pi Ziri (Teacher) building via Vengthlang, including roads of North & South of Chanem upto Vengsang Presbyterian Church building.
- 2) The road from Vengthlang Presbyterian Church Building along Awmpui phei via Bazar upto Zaluta Building at Dawrkai kawn.
- 3) Along the road from D.K. Point (0 Point) of Vengthlang (including State bank Road) upto PWD Gate at Bethel Bazar.
- 4) Along the road from YMA Run at Dawrkai kawn via Kahrawt Bazar upto Pu Vanlallawma Indoor Stadium.

II-GRADE:

Along the road from:

1. Vengsang Presbyterian Church Building to Civil Hospital Gate.
2. Vengsang Presbyterian Church Building to Building of Phunzinga (L).
3. Vengsang Presbyterian Church to road junction near Building of Lalthanga (L).
4. Building of Chalzika at Kahrawt following PHE Road upto Liankhuma Building.
5. Dawrkai Kawn following Vety. Road upto Agri.Office.
6. Building of Lalbuatsaiha following Bungtlang Road upto Manthanga Building.
7. Building of Thangliana following Thlerpui kawng upto Khawliana Building.
8. Building of Thanmawia at Rahsi Veng to Gate of Vety. Department.
9. Building of Lalrinliana at Awmpui Phei upto College Road.
10. Building of Chawngruma at Vengthlang upto Building of K. Lalrintluanga
11. YMA Run of Vengthlang to College Road.
12. Sangchia Building at Venglai to Church Building of Salvation Army.

13. Vengthlang YMA Run to Dr. Lawta's Building.
14. Building of C. Hrangsavunga Venglai to Gate of Govt. Champhai College.
15. Bethel Bazar including both Eastern & Western roads of PWD Mual upto the Gate of Roman Catholic Church.
16. Building of Ningkhawliani at Bethel to Memorial Stone of Laltaka at New Champhai.
17. New Champhai kawn following Zote Road to Supply Godown.
18. Tlangsam Road junction following Tlangsam Road to Building of Siamthanga.
19. Building of R. Khawhluna of Bethel following Venglai Road upto F. Thangvela Building.
20. Building of T. Lalrizapa following Electric Veng Road upto Vaihmun.
21. Building of Vanlahuma at Dawrkai kawn upto Road junction of Thlerpui Road.
22. Building of J.E. Sanga (L) at Kanan Veng following Sericulture Road upto Hmawnga Bungbu Kawn.
23. Building of T. Thanga of Bethel Veng to K. Thuamluaia Building.
24. Building of Lamkhawmanga at Vengthlang to Aizawl Road junction.
25. Building of Ziri (Teacher) following Aizawl Road upto Police Check Gate.
26. Cherek kawn following N. Khawbung Road upto the extent of Champhai Town Area.
27. Building of C. Lalvena following Street Road i.e. Zote Road upto the Building of Kawmsanga.
28. Tuipui Bridge along Hnahlan Road upto the extent Champhai town Area.
29. Building of Nupui of Ngur Veng along Zote Road upto HDC Gate.
30. Presbyterian Biak In kawn to Building of K. Saikunga.
31. Tlangsam Centenary Memorial Stone to Building of Presbyterian Church.
32. Tuipui river via Zotlang 'E' upto building of Presbyterian Church.
33. Zotlang 'E' Dawrkawn to Pioneer kawn.
34. Building of langkhual Chhungte along Aizawl Road upto the extent of Champhai Town Area.

III-GRADE:

All sides along any Motorable/Jeepable Roads which are not mentioned above.

IV-GRADE:

All sites which do not fall in the above categories.

CLASSIFICATION OF LAND WITHIN THE SPECIFIED TOWN AREA OF KOLASIB

I-GRADE:

Both sides of the main road/street within the perimeter of 30.48m/100ft. horizontally from the edge of the road/street to those sites having frontage/return frontage to the side of the road/street, which are:-

- 1) **NH-54 kawng dung:** Kumtluangrun bul ICAR Complex Road peng atanga IOC Petrol Pump thlengin.
- 2) **Khawchhung Kawngpuiah:-**
 - a) Diakkawn Traffic Point atanga chhovin Saidan Road Hmar Veng thlanmual peng thlengin, kawngpui chin zelah.
 - b) Thirhrui ban kawn atanga Project Veng BSNL Office thlengin, kawngpui chin zelah.
 - c) Banglakawn atanga PWD Staff Lodge thleng, kawngpui an zelah.
 - d) Venglai Traffic Point atanga St. Johns School thleng, kawngpui chin zelah.
 - e) Chawlhna Hotel bul road junction atanga Diakkawn Bazar bul kawr thlengin, kawngpui chin zelah.

II-GRADE:

Both sides of the main road/street within the perimeter of 30.48m/100ft. horizontally from the edge of the road/street to those sites having frontage return frontage to the side of the road/street, which are:-

- 1) **Hmar Veng:**
 - a) Banglakawn-a Pu Saithanthuama In bul atangin Electric Vengah chhukthla in Pi Sangtei In thleng, kawng dung chinah.
 - b) Hmar Veng Presbyterian Pastor Quarter bul kang peng atangin Electric Veng PHE Office bul thlengin, kawng dung anah.
 - c) Hmar Veng thlanmual peng bul atangin Electric Vengah chhukthlain Venglai pan pheina LAD Complex thleng, kawng dung an chin zel.
- 2) **Tumpui:**
 - a) Post Office bul atangin Karkawn-ah kualin Banglakawn Bazar-a lo chhuak kawng an zelah.
 - b) PWD Staff Lodge atanga Helipad thleng, kawng an chin zelah.
- 3) **Venglai:**
 - a) Park kawn atanga Roman Cathbolic ram kaltlangin Civil Hospital Main Gate bula chhuak kawng dung an zelah.
 - b) Electric Veng kawng lo kal LAD Complex atanga Thirhruban kawn thlengin, kawngpui anah.

c) Venglai Presbyterian Biak In peng bul atanga Thirhruban kawn thlengin, kawngpui anah.

d) Pawmngen Tlang kawng chho leh Venglai Presbyterian Pastor Quarter chhohna kawngpui an zelah.

4) Project Veng:

a) Telecom Office atanga chhukthlain Supply Godown thlengin, kawngpui an zelah.

b) Park kawn Pu Bazia In bul atanga chhukthlain Biak In lui kawr thleng, kawngpui an zelah.

5) Diakkawn:

a) CZS atanga Salem Veng Primary School thleng, kawngpui an zelah.

b) Park kawn College peng atanga Lungpher kawn thleng, kawngpui an zelah.

c) Salem Veng-a Pu Tawna In bul peng atanga Diakkawn Bazar kawng va pawhin kawng dung zelah.

d) NH-54 atanga Diakkawn thlanmual peng atanga Diakkawn thlanmual thleng, kawng an chin zelah.

e) Diakkawn Hall atanga Diakkawn Traffic Point kawng an zelah.

f) NH-54 Silchar Road-ah IOC Petrol Pump atanga Rengtekawn Godown bul, town area thleng, kawng dung an chin zelah.

g) Shopping thlang Pi Dari In chhukthla kawng an zelah.

h) Shopping sir kawng kual, kawng an zelah.

6) New Diakkawn:

a) Diakkawn Bazar bul kawr atanga Diakkawn Field thlang kawr thlengin, kawng an chin zelah.

b) CP Road atanga New Diakkawn Hall thleng, kawng an zelah.

c) Diakkawn Field atanga ICAR Road-ah Pu Sapmawia In thleng, kawng an chin zelah.

d) Pu Zairemmawia In bul NH-54 atanga Challui pengah chhukthlain Pu Lalhmingthanga In bul thleng, kawng an chin zelah.

e) New Diakkawn YMA lungphun atanga Pu Rohlua In bula CP Road pawhin, kawng an zelah.

f) New Diakkawn-a Mamit Store opposite-a CP Road, New Diakkawn-a lut phei Forest tlang hnuiai kual phei Kumluang Run thlanga chhuak.

7) Vengtar:

a) Kumluang Run piah ICAR kawng peng atanga chhukthlain Pu Sapmawia in thleng, kawng an zelah.

b) Kumluang Run thlanga Upper Kolasib-ah chhovin Pu B. Vanlalmawia In thleng, kawn dung an zelah.

c) Kumluang Run bul atanga NH-54 Aizawl Road-ah kalin Kolasib Town area tawp thleng, kawng an chin zelah.

III-GRADE:

Both sides of motorable/jeepable road/street, within the perimeter of 30.48m/100ft. horizontally from the edge of the road/street to those sides having frontage/return-frontage to the side of the road/street which are:-

All lands along the motorable/jeepable roads/street which are not included in the I & II Grades within the specified Town area of Kolasib are classed under this Grades.

IV-GRADE:

All lands which are not included in I, II& III Grades within the specified town area of Kolasib are classed in this Grade.

SCHEDULE - XII**CLASSIFICATION OF LAND WITH IN THE SPECIFIED TOWN AREA OF SERCHHIP**

Both sides of the main road/street with in the perimeter of 30.48m/100ft. horizontally from the edge of the road/street subject to those sites which is having frontage/return-frontage to the edge of the road/street only.

I-GRADE:

1. From Thumawlk Tuikhur, Serchhip Dinthar to Hmar Veng peng (below Non Mizo Biak In at AOC Veng).
- 2) From a stream near Darduna's House, IOC Veng to Thlanmual No.1 peng near H. Zonunthuanga's House at College peng thlang.
- 3) From Chhiahtlang tuikil peng to District Jail peng (near Khiangzika's House)

II-GRADE:

Along NH-54 and truckable metalled road which are not included by I-Grade.

III-GRADE:

Along Jeepable (metalled road and un-metalled road) which are not included by I & II Grade.

IV-GRADE:

All land which are not included by I, II, III Grade.

Notes : New constructed road may automatically be changed as the grade entitled.

CLASSIFICATION OF LAND WITHIN THE SPECIFIED TOWN AREA OF MAMIT

Land on both sides of the roads/streets within Horizontal distance of 30.48m/100ft. from the edge of road/street and those having frontage/returned frontage to the side of the road/street only.

I-GRADE:

1. From PWD I.B., Lungsir Veng, upto Play Ground, junction of Darlak/Bawngva road, then it turns to southwards following main road upto J. Hrangdailova Building/site.
2. From junction of Darlak/Bawngva road to Charkawn via High School Veng, Hmunsam and Bazar Veng, upto Building of S. Lalbiakliana(L) at Zion Veng.
3. From Laldawngzela Building at Dinthar to Northwards upto DC Complex (Mangkhawngdai Field). From Dinthar kawn to Seventh Day Church.

II-GRADE:

1. From PWD kawn (Building of Jeseph Lalruatfela and Rangchhingi) along main road upto J. Hrangdailova Building and PWD IB from which I-Grade is started.
2. From Play Ground (junction of Bawngva Road). It follows Bawngva Road upto K. Hmingliani's House.
3. From Charkawn, it follows upper road (Lal Veng) upto hill top.
4. From S. Lalbiakliana Building, it runs upto Laldawngzela Building.
5. From Mangkhawngdai Field via Revenue Department Complex and from Seventh Day Church Building via Bethel kawn upto Petrol Pump.

III-GRADE:

Lands on both side of metalled road which are not included by I-Grade and II-Grade, viz.

1. From southern side of Town area boundary at Aizawl road following main road and internal road/street of Luangpawl via Forest Department Complex - upto PWD Kawn.
2. From K. Hmingliani's House at Bawngva road upto Town area boundary.
3. From Charkawn, following the western side road upto Vengthar (main road).
4. From Petrol Pump at Bethel Veng upto Town area boundary at Bairabi road.

IV-GRADE:

Lands on the both side of unmetalled roads, but motorable which are not included by I-Grade, II-Grade and III-Grade.

V-GRADE:

Lands which are not included in the above Grades and have no approach road.

NOTES

Note: If there is any overlaps/clashes between the Grades, the higher Grade has to supercede the lower Grade, but which has no frontage/returned frontage to the edge of the road shall be classed to lower Grade.

SCHEDULE - XIV

CLASSIFICATION OF LAND WITHIN OTHER NOTIFIED TOWNS

GRADE - I

1. Land or both sides of National Highway/State Highway etc. including 30.48m or 100ft. (surface) or more whichever is applicable from the edge of the road.
2. Land on both sides of the roads along commercial centre.

GRADE - II

Land on both sides of the Truckable road including 30.48m or 100ft. (surface) or more whichever is applicable from the edge of the road.

GRADE - III

Land on both sides of the Jeepable road including 30.48m or 100ft. (surface) or more whichever is applicable from the edge of the road.

GRADE - IV

Lands which are not included in the above Grades and have no approach road.

LAND OUTSIDE CITY/TOWN AREA:-

Grade Description

- I (1) All Wet Rice Cultivation
 (2) All land surfaces measured 2 km. from the middle of National Highway and that of the main approach road to all District Headquarters from Aizawl.
- II All land surface measured 2 km. from middle of the Truckable road.
- III All land other than I and II.

Note: Grade Classification hi Notification Vide No. J.11011/1/06-REV Dt. 21.4.2014 (The Mizoram Gezette Issue No 307, Vol - XLIII Friday 27.6.2014) a tihchhuah a ni.

UNIT CONVERSION TABLE

LENGTH

| | | |
|-----------------|---|---------------|
| 10 milimetre | = | 1 centimetres |
| 1 centimetre | = | 0.39inches |
| 100 centimetres | = | 1 metre |
| 1metre | = | 3.2808 feet |
| 1000 metres | = | 1 kilometre |
| 1kilometre | = | 0.6214 miles |

AREA

| | | |
|-------------------|---|----------------------|
| 100 sq centimetre | = | 0.10764 Sq feet |
| 1sq metre | = | 10000 sq.centimetres |
| 1sq metre | = | 10.76400 sq feet |
| 100 sq metres | = | 1 Are |
| 1 Are | = | 0.0247 Acre |
| 1 sq feet | = | 0.0929 sq metre |
| 14400 sq feet | = | 1 Bigha |
| 1 Bigha | = | 1338.29 sq metres |

| | | |
|-----------------|---|--------------------------|
| 10000 sq metres | = | 1 hectare (ha) |
| 1 hectare | = | 7.47 Bighas = 2.47 Acres |
| 100 hectares | = | 1 sqkm. |
| 1 Acre | = | 3.02 Bighas |

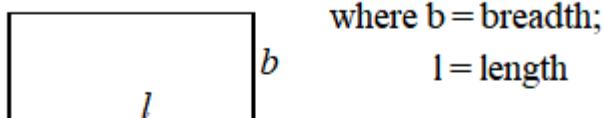
VOLUME

| | | |
|---------------|---|--------------------|
| 1 cubic feet | = | 0.0283 cubic metre |
| 1 cubic metre | = | 1000 litres |
| 1 cubic feet | = | 28.32 litres |

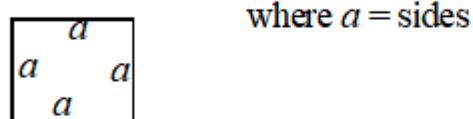
SOME USEFUL FORMULAE

AREA

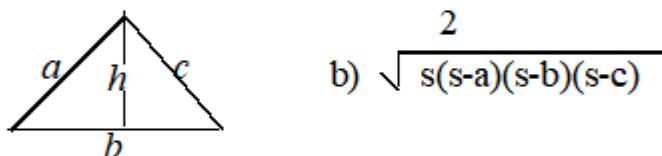
1. Area of Rectangle = $l \times b$



2. Area of Square = a^2

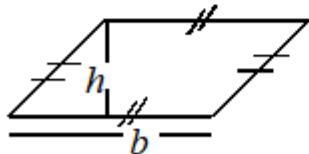


3. Area of Triangle = a) $\frac{b \times h}{2}$

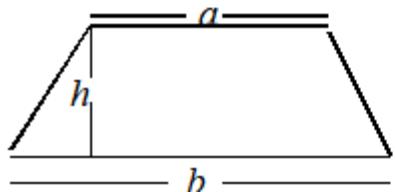


where $s = \frac{a+b+c}{2}$ and a, b and c are the three sides of a triangle

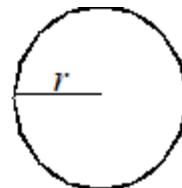
4. Area of Parallelogram = $b \times h$



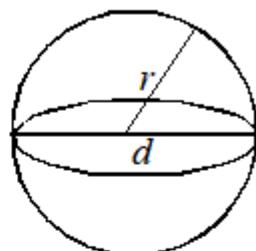
5. Area of Trapezoid = $\frac{h(a+b)}{2}$



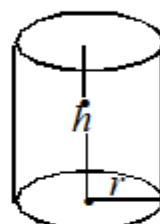
$$6. \text{ Area of Circle} = \pi r^2$$



$$7. \text{ Surface area of Sphere} = 4\pi r^2$$



$$8. \text{ Circumference of a circle} = 2\pi r^2$$



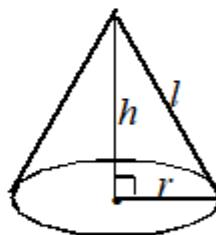
$$9. \text{ Area of a cylinder} = 2\pi rh + 2\pi r^2$$

$$\text{OR} = 2\pi(r+h)$$

$$10. \text{ Area of Cone} = \pi r(r + \sqrt{h^2 + r^2})$$

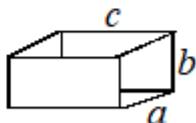
where h = height/length

l = Slant height

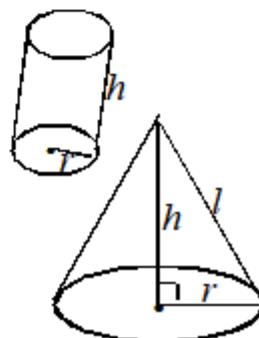


VOLUME

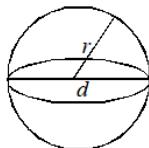
$$1. \text{ Volume of a Rectangle} = abc$$



$$2. \text{ Volume of Cylinder} = \pi r^2 h$$



$$3. \text{ Volume of Cone} = \frac{1}{3}\pi r^2 h$$



$$4. \text{ Volume of Sphere } = \frac{4}{3}\pi r^3$$

APPLICATION OF SOME FORMULAE

Example 1. Tuizem 4m-a sei, 3 m-a zau, a san lam 2.50m-ah tui tin engzatnge leng ang? (Tel tin hi 23cm bial, 32cm-a sang a ni tlangpui)

$$\text{Solution: Tel tin volume} = 23 \times 32 \times 23 \\ = 16928 \text{ cu.cm (cm}^3\text{)}$$

$$\begin{aligned} \text{Tuizem volume} &= 400 \times 300 \times 250 \\ (\text{Metre hi centimetre-a chantir tur a ni}) \\ &= 30000000 \text{ cu.cm (cm}^3\text{)} \end{aligned}$$

$$\text{Tuizema tui leng zat} = \frac{30000000}{16928} = 1772 \text{ tins.}$$

Example 2. Tuizem 4m diametre chu brick 6cmx15cmx8cm thuah hnihilin 3 metre-a sanga rem turin brick manah engzatnge sen ngai ang? Brick pakhat man Rs. 8.00 nise.

Solution:

$$\text{Tuizem kual volume} = 2 \pi r^2 h = 2 \times 22 \times 200 \times 300 \times 16 \\ = 6034285.70 \text{ cu.cm}$$

$$\begin{aligned}\text{Brick volume} &= 15 \times 8 \times 6 \\ &\equiv 720 \text{ cu.cm}\end{aligned}$$

Brick ngai zat = 6034285.70/720
= 8381 Nos.

Brick man zat = 8381/8
 ≡ Rs. 1047, 62/-

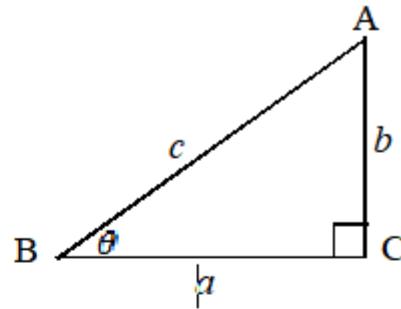
PYTHAGORUS THEOREM

$$c^2 = a^2 + b^2$$

$$c = \sqrt{a^2 + b^2}$$

$$a = \sqrt{c^2 - b^2}$$

$$b = \sqrt{c^2 - a^2}$$



TRIGONOMETRIC FORMULA PAWIMAWHTE

$$\sin\theta \cdot \operatorname{cosec}\theta = 1$$

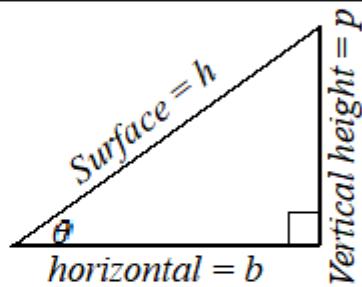
$$\cos\theta \cdot \sec\theta = 1$$

$$\tan\theta \cdot \cot\theta = 1$$

$$\text{Surface} = \frac{b}{\cos\theta}$$

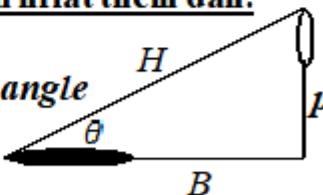
$$\text{Horizontal} = \cos\theta \cdot h$$

$$\text{Vertical height} = \tan\theta \cdot b$$



Thing, a kunga lawn lova a san lam hriat theih dan:

Thing kung hlim sei zawng chu teh la,
a hlim hmawr tawp atanga thing chhip **angle**
chu la ang che. Thing san zawng chu
p vuah la, hetiangin:



$$p = \tan\theta \cdot B$$

$$\theta = 30^\circ$$

$$B = 20 \text{ m}$$

$$\begin{aligned} \text{Tichuan ; } p &= \tan\theta \cdot b \\ &= \tan 30^\circ \times 20 \\ &= 11.54 \text{ m} \end{aligned}$$

$$\sin\theta = \frac{P}{H}$$

$$\cos\theta = \frac{B}{H}$$

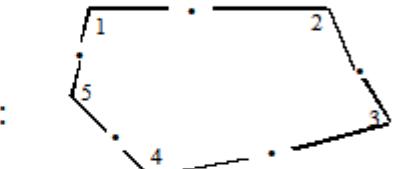
$$\tan\theta = \frac{P}{B}$$

| |
|--|
| $\sin\theta = \frac{P}{H}$ $\cos\theta = \frac{B}{H}$ $\tan\theta = \frac{P}{B}$ |
|--|

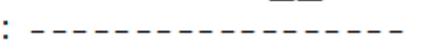
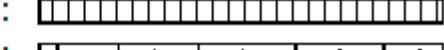
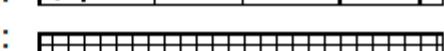
Survey Symbols

1. **BOUNDARIES :**

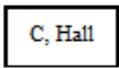
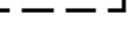
- 1) International : 
- 2) State : 
- 3) District : 
- 4) Sub-Division : 
- 5) Block/Constituency : 
- 6) Town Area : 
- 7) Village : 

- 8) Individual Plot with Pillar : 

2. **ROAD :**

- 1) National Highway : 
- 2) State Highway : 
- 3) Metalled road with culvert : 
- 4) Unmetalled road : 
- 5) Road (under construction) : 
- 6) Proposed road : 
- 7) Footpath : 
- 8) Step : 
- 9) Proposed step : 
- 10) Pavement : 

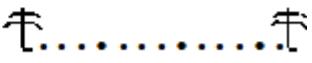
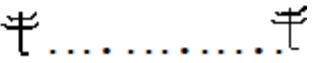
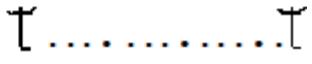
3. BUILDINGS:

- 1) Permanent : 
- 2) Temporary : 
- 3) Hospital/ Sub-Centre :  
- 4) Church : 
- 5) Institution/Community Hall/Stadium : H/S  Stdm
- 6) Building (under construction) :  

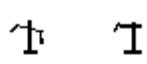
4. EMBANKMENTS:

- 1) Road Cutting : 
- 2) Road embankment : 
- 3) Tank/Pond : 

5. TRANSMISSION LINE:

- 1) Main Power Line : 
- 2) Electric Line with Pole: 
- 3) Telephone Line with Pole: 

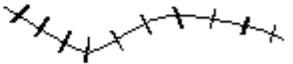
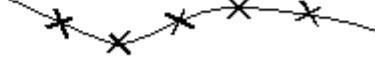
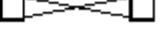
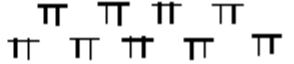
6. WATER POINTS:

- 1) Storage Tank : 
- 2) Water Point (constructed): 
- 3) Hand Pump, Public Point: 

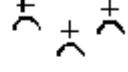
7. CONTROL POINTS:

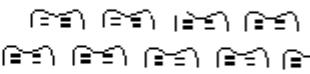
- 1) GPS Points : 
- 2) Secondary Traverse : 
- 3) Tertiary Traverse : 
- 4) Offsets : 

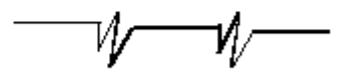
8. OTHERS:

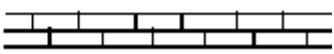
- 1) North Line : 
- 2) Up Hill : 
- 3) Fencing : 
- 4) Barbed Wire Fencing : 
- 5) Gate : 
- 6) Tree / Bamboo : 
- 7) Land Slide : 

8) Slide Danger Area : 

9) Grave Yard/Grave : 

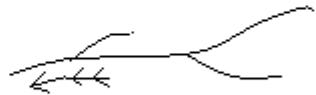
10) Cliff : 

11) Crack Line : 

12) Retaining Wall : 

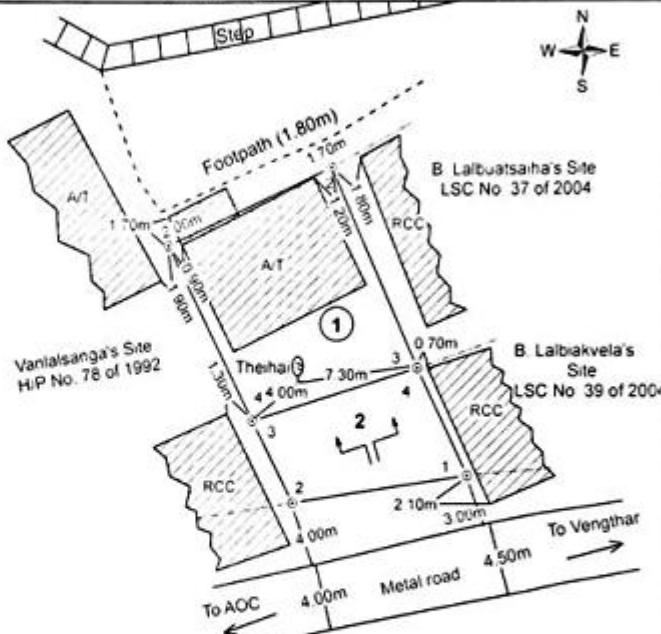
13) Canal : 

14) River with flowing direction : 

15) Stream with flowing direction : 

Speciment for House site Partition Plan

| REGISTRATION NO | | HOUSE SITE PARTITION PLAN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|---|--|--|--|---|-------------|-------|-------|---|--------------|-------|-------|---|--------------|-------|-------|---|--------------|-------|-------|---|-------|---|-------------------------------------|--|---|--|--|--|---|--------------|-------|-------|---|--------------|------|------|---|-------------|-------|-------|---|--------------|------|------|
| Date of Survey 10.1.2020 | Name of Land Holder : LIANCHAMI Father's Name LALTAIA (L) Present Address Chanmari Veng. Serchhip Location Description Serchhip Chanmari Veng | Projection UTM ZONE 46N Datum WGS 84 Plot No 87 & 381 Grade : II | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Previous Pass LSC No 606001/01/285 of 2005 | Village District Area : 207.70 Sqm = 0.021 Ha Scale 1:300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Previous Pass Area - 230.62 Sqm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Demarcated Area :- Block - 1 = 139.48 Sqm Block - 2 = 68.22 Sqm TOTAL = 207.70 Sqm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Excess Area - Nil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Drawn By | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyor Land Revenue & Settlement Serchhip District : Serchhip | HISTORY: Kum 1993 a Pi Laifaki hnen atanga an le. chumi hnu a LSC an siam chu hnum hnuha then a ni | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Block -1 | | Block -2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">BP No</th> <th style="width: 30%;">Grid Bearing of forward Pillar from North</th> <th style="width: 20%;">Slope Distance from Previous Pillar</th> <th style="width: 20%;">Horizontal Distance from Previous Pillar</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td></tr> <tr><td>2</td><td>64° 58' 06"</td><td>11.30</td><td>11.27</td></tr> <tr><td>3</td><td>156° 25' 29"</td><td>13.90</td><td>13.41</td></tr> <tr><td>4</td><td>252° 35' 29"</td><td>10.80</td><td>10.80</td></tr> <tr><td>5</td><td>333° 53' 00"</td><td>12.45</td><td>11.58</td></tr> </tbody> </table> | BP No | Grid Bearing of forward Pillar from North | Slope Distance from Previous Pillar | Horizontal Distance from Previous Pillar | 1 | | | | 2 | 64° 58' 06" | 11.30 | 11.27 | 3 | 156° 25' 29" | 13.90 | 13.41 | 4 | 252° 35' 29" | 10.80 | 10.80 | 5 | 333° 53' 00" | 12.45 | 11.58 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">BP No</th> <th style="width: 30%;">Grid Bearing of forward Pillar from North</th> <th style="width: 20%;">Slope Distance from Previous Pillar</th> <th style="width: 20%;">Horizontal Distance from Previous Pillar</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td></tr> <tr><td>2</td><td>261° 07' 06"</td><td>11.00</td><td>10.96</td></tr> <tr><td>3</td><td>333° 18' 54"</td><td>6.00</td><td>5.64</td></tr> <tr><td>4</td><td>72° 35' 29"</td><td>10.80</td><td>10.80</td></tr> <tr><td>5</td><td>155° 05' 41"</td><td>8.00</td><td>7.25</td></tr> </tbody> </table> | BP No | Grid Bearing of forward Pillar from North | Slope Distance from Previous Pillar | Horizontal Distance from Previous Pillar | 1 | | | | 2 | 261° 07' 06" | 11.00 | 10.96 | 3 | 333° 18' 54" | 6.00 | 5.64 | 4 | 72° 35' 29" | 10.80 | 10.80 | 5 | 155° 05' 41" | 8.00 | 7.25 |
| BP No | Grid Bearing of forward Pillar from North | Slope Distance from Previous Pillar | Horizontal Distance from Previous Pillar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 64° 58' 06" | 11.30 | 11.27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 156° 25' 29" | 13.90 | 13.41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 252° 35' 29" | 10.80 | 10.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 333° 53' 00" | 12.45 | 11.58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BP No | Grid Bearing of forward Pillar from North | Slope Distance from Previous Pillar | Horizontal Distance from Previous Pillar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 261° 07' 06" | 11.00 | 10.96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 333° 18' 54" | 6.00 | 5.64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 72° 35' 29" | 10.80 | 10.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 155° 05' 41" | 8.00 | 7.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By | Checked By | Approved By | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyor Land Revenue & Settlement Serchhip District : Serchhip | Surveyor - I Land Revenue & Settlement Serchhip District : Serchhip | Asst Survey Officer Land Revenue & Settlement Serchhip District : Serchhip | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| REGISTRATION NO | | | | | | |
|---|--|---|---|--|--|-----------------|
| Date of Survey 10.1.2020 This supersedes LSC No 606001/01/285 of 2005 Area 230.62 Sq m Block 1 out of 2 Blocks | SITE PLAN OF HOUSE Name of Land Holder LIANCHAMI Father's Name LALTAIA (L) Present Address Chanmari Veng Serchhip Location Description Chanmari Veng Serchhip Chanmari Veng Serchhip Serchhip District Serchhip Area 139.48 Sqm = 0.014 Ha Scale 1:300 | | | | | |
| Accepted By Sd/- LIANCHAMI | Projection UTM ZONE 46N Datum WGS 84 Plot No 87 Grade II | | | | | |
| Issued By |  | | | | | |
| Drawn By Surveyor Land Revenue & Settlement Serchhip District Serchhip | HISTORY: Kum 1993 a Pi Laifaku hnen atanga an iei, chumi hnu a LSC an siam chu hmun hnu then a ni. | | | | | |
| BP No | UTM Grid Co-ordinates | | Grid Bearing of forward Pillar from North | Slope Distance from Previous Pillar | Horizontal Distance from Previous Pillar | Types of Pillar |
| | Easting Grid Metres | Northing Grid Metres | | | | |
| 1 | 485 716 767 | 2577 856 384 | | | | RCC Post |
| 2 | 485 726 980 | 2577 861 153 | 64° 58' 06" | 11.30 | 11.27 | * |
| 3 | 485 732 344 | 2577 848 861 | 756° 25' 29" | 13.90 | 13.41 | Stone |
| 4 | 485 722 039 | 2577 845 630 | 252° 35' 29" | 10.80 | 10.80 | Angle Iron |
| 1 | 485 716 767 | 2577 856 384 | 333° 53' 00" | 12.40 | 11.98 | RCC Post |
| Surveyed By | | Checked By | | Approved By | | |
| Surveyor Land Revenue & Settlement Serchhip District Serchhip | | Surveyor - I Land Revenue & Settlement Serchhip District Serchhip | | Asst Survey Officer Land Revenue & Settlement Serchhip District Serchhip | | |

| REGISTRATION NO. | | SITE PLAN OF HOUSE | | | | |
|--|-----------------------|--|---|---|--|-----------------|
| Date of Survey 10/1/2020 Subletted from LSC No. 606001/01/285 of 2005 Area 230.62 Sq m. Block 2 out of 2 Blocks | | Name of Land Holder LIANCHAMI Father's Name LALTAIA (L) Present Address Chanmari Veng, Serchhip Location Description Serchhip Chanmari Veng Village Serchhip District Serchhip Area 68.22 Sqm = 0.007 Ha Scale 1:300 | | Projection : UTM ZONE 46N Datum : WGS 84 Plot No : 87/381 Grade : II | | |
| Accepted By Sd/- LIANCHAMI | | | | | | |
| Issued By | | | | | | |
| Drawn By | | | | | | |
| Surveyor Land Revenue & Settlement Serchhip District Serchhip | | HISTORY : Kum 1993 a Pi Lalfaki hnen atanga an le, chumi hnu a LSC an siam chuhmun hniha then a n. | | | | |
| BP No | UTM Grid Co-ordinates | | Grid Bearing of forward Pillar from North | Slope Distance from Previous Pillar | Horizontal Distance from Previous Pillar | Types of Pillar |
| | Easting Grid Metres | Northing Grid Metres | | | | |
| 1 | 485 735 397 | 2577 842 285 | | | | Stone |
| 2 | 485 724 570 | 2577 840 594 | 261° 07' 06" | 11.00 | 10.96 | Iron Rod |
| 3 | 485 722 039 | 2577 845 630 | 333° 18' 54" | 6.00 | 5.64 | Hardwood |
| 4 | 485 732 344 | 2577 848 861 | 72° 35' 29" | 10.80 | 10.80 | Angle Iron |
| 1 | 485 735 397 | 2577 842 285 | 155° 05' 41" | 8.00 | 7.25 | Stone |
| Surveyed By | | Checked By | | Approved By | | |
| Surveyor Land Revenue & Settlement Serchhip District Serchhip | | Surveyor - I Land Revenue & Settlement Serchhip District Serchhip | | Asst. Survey Officer Land Revenue & Settlement Serchhip District Serchhip | | |

**GOVERNMENT OF MIZORAM
LAND REVENUE & SETTLEMENT DEPARTMENT
AIZAWL: MIZORAM**

FORM NO. 8 N
(See rule 19)

FIELD MEASUREMENT BOOK

1. Sheet No. _____ 4. P.T. No. _____
2. Instrument No. _____ 5. Plot No. _____
3. Date of Survey _____ 6. Survey No. _____

1. Name of land holder : _____

2. Father's name : _____

3. Mother's Name : _____

4. Date of Birth : _____

5. Contact/Phone Number : _____

6. Aadhar Number : _____

7. Present /Permanent Address: _____

8. Location Address : _____

9. Nature of rights to land : _____

(Pass/Lease/P.Patta/LSC No.)

10. Area : (i) as pass, etc _____ Sq.m. _____ Sq.ft. _____ Bighas _____ Ha.
(ii) as measurement _____ Sq.m. _____ Sq.ft. _____ Bighas _____ Ha.

11. Purpose of Demarcation : _____

12. How the land is acquired? : _____

(by allotment or purchase or _____
gift or inheritance etc)

13. Period of validity of allotment & Extension _____

14. Village name with detail location of land _____

15. Class of land (Grade) :

16. Type of boundary pillars fixed : _____

17. Description of boundary

a) North : _____

b) East : _____

c) South : _____

d) West : _____

18. No. of building constructed on it : _____

19. The present uses of land : _____

20. Nature of encumbrance, if any : _____

21. Whether mortgaged or not: _____

22. Is it Town/Riverine reserve/Restricted area: _____

23. **FIELD DEMARCTION SKETCH**



24. General Remarks :-

25. History :-

FORM NO. 8 T

(See Rule 19)

NO OBJECTION CERTIFICATE (NOC)

Vawiin Dt. _____ ni hian Pi / Pu _____

s/o / d/o _____ In hmun / Huan / WRC / LSC etc. tura

Pu _____ Surveyor-in a teh lai hian a thenawmte kan awm ve a, ramri
thu-ah buaina engmah kan nei lova, an teh dan hi kan pawmpui e.

THENAWMTE HMING (CAPITAL) SIGNATURE

| | | |
|----|-------|-------|
| 1) | _____ | _____ |
| 2) | _____ | _____ |
| 3) | _____ | _____ |
| 4) | _____ | _____ |
| 5) | _____ | _____ |
| 6) | _____ | _____ |
| 7) | _____ | _____ |
| 8) | _____ | _____ |
| 9) | _____ | _____ |

A chunga hming ziakte khi kan hriatpui a, he ram an teh chungchangah hian engmah hnialna kan nei lova. Vantlang tan hnawkna engmah a awm lova, kan remtihpu e.

Name & Signature with Seal

of VCP or Chairman, Local Council

FORM NO. 8 R
(See rule 19)

Acceptance of Cadastral Site Plan / Map

- 1) Kei a hnuiaia hming ziaktu hian _____ venga ka ram _____ sqm. a zau teh / ramri min kawhhmuh lai hian ka awm / ka aiawh a awm a, hna hi dik taka thawh a niin record pawh dik taka ziah luh vek a ni.
- 2) Boundary Pillar pawh a hmun tur dik takah phun a ni.
- 3) He ram leh record kaihhnawih atana senso tul ang ang chu pek ka intiam e.
- 4) Sawrkar hriattirna vide No. H.11018/4/2018-REV Dt. 30.12.2019-in a phut angin tuna In hmun ka dil mek leh kei leh ka chhungkaw member-ten In hmun ram kan lo neih tawh sa zawng zawng belkhawm hi 1337.80 Sqm / 14400 Sqft aiiñ a zau dawn lo tih ka tiäm e.

Date : _____ Signature or thumb impression : _____
Place : _____ Name of Land holder : _____
Present Address : _____
Phone No. : _____

CERTIFICATE

I have checked the entries made in this form and attested/certified them to be corected.

Date : _____ Signature : _____
Place : _____ Name : _____
Designation : _____

Specimen for Technical Checking Proforma

| TECHNICAL CHECKING PROFORMA | | | |
|---|------------------------|-------------------------------|--------------------------|
| Log No. _____ | Date of Survey : _____ | Plot No. _____ | |
| Name of Land Holder or Applicant | : | | |
| Father's Name | : | | |
| Present Address | : | | |
| Location Address | : | | |
| LSC / Pass No. | : | Sqm. | Area : _____ Sqm. |
| Demarcation Area | : | Sqm. | Excess Area : _____ Sqm. |
| Purpose of Demarcation | : | | |
| Name of Surveyor | : | | |
| Check List : (✓ for Yes; X for No) | | | |
| 1) Field Measurement | _____ | 2) Declaration by Land Holder | _____ |
| 3) NOC | _____ | 4) Site Plan | _____ |
| 5) Aadhar | _____ | 6) Ram leina / Inpekna | _____ |
| 7) Voters | _____ | 8) Chhiah pekna | _____ |
| 9) Group Photo | _____ | 10) LSC/Pass Document | _____ |
| 11) Pillar Photo | _____ | 12) Macro Map | _____ |
| Technical Observation : | | | |

Specimen format for Vetting Statement

VETTING STATEMENT OF ASSTT. SURVEY OFFICER

| Sl. No. | Name of Applicant & Address | Location | Purpose | Date of Vetting | Remarks |
|------------|--------------------------------|----------|---------|-----------------|---------|
| | | | | | |

(_____)
Asst Survey Officer