

ITEM 3 – SPRUCE KNOLL

KPB File No.	2022-005
Plat Committee Meeting:	February 14, 2022
Applicant / Owner:	Beachy Revocable Trust PO Box 800 Homer, AK 99603
Surveyor:	Geovera LLC. PO Box 3235 Homer, AK 99603
General Location:	Diamond Ridge Road, Homer

Parent Parcel No.:	173-04-010, 173-04-009, 173-04-011
Legal Description:	Government Lots 2, Government Lot 3, and Government Lot 4 lying south of the southerly right of way of Diamond Ridge Road, Section 12, T6S, R14W, Seward Meridian
Assessing Use:	Residential Dwelling
Zoning:	Unrestricted
Water / Wastewater	On-site

STAFF REPORT

Specific Request / Scope of Subdivision: The proposed plat will subdivide the government lots ranging in size from 1.76 acres to 2.47 acres into 5 lots that are 1 acre to 1.2 acres.

Location and Legal Access (existing and proposed): Legal access to this subdivision is from Diamond Ridge Road, a constructed collector road that is maintained by the State of Alaska. Diamond Ridge Road was transferred to the State of Alaska under public law 86-70 and is identified as Federal Aid Secondary Class A Route number 430. This platting action will be officially dedicate the portion of land affected by Diamond Ridge Road and the State of Alaska will be required to accept the right of way dedication.

Pitzman Avenue and Flintlock Lane intersect Diamond Ridge Road on the north boundary of the subdivision. Both right of ways have been improved and are maintained by KPB.

A matching portion of Pitzman Avenue will be dedicated with this platting action.

The Diamond Ridge right of way dedication will leave a small remnant portion in the northeast corner of the subdivision. The remnant parcel is smaller than allowed under the subdivision standards and cannot support improvements. Because of this, the owner has chosen to dedicate the remnant parcel as right of way for Flintlock Lane.

Shuman Court will be dedicated as a cul-de-sac to provide legal access to all lots within this subdivision. Currently Lot 5 has improved access to Diamond Ridge Road. Any new access to Diamond Ridge Road will require approval from the State of Alaska DOT.

A 25 foot wide private access easement, centered on the existing driveway, provides legal and physical access for the residence located to the south of this subdivision. However, the lot to the south, Government Lot 7 does not front on a dedicated right of way. The parcel to the east, a portion of Government Lot 5 is a small remnant parcel and it is unlikely to be subdivided in the future. Per KPB 20.30.030 projection of right of way, 20.30.120 Streets Width requirements, and 20.30.210 Lots – Access to street **Staff recommends this platting action dedicate a minimum 60 foot width right of way on the east boundary between Diamond Ridge Road and Government Lot 7.**

Per the original government issued patents 33 foot right of way easements were reserved on the north and west boundary of Government Lot 2, the west and south boundary of Government Lot 3, and the south and east side of Government Lot 4. **Staff recommends** plat note 9 be reworded to state, 'The parent parcels are subject to a 33 foot right of way easement on the north and west boundary of Government Lot 2, the west and south boundary of Government Lot 3, and the south and east side of Government Lot 4.' **Staff recommends** the location of the 33 foot wide right of way be depicted and labeled on the plat. The building depicted within Lot 5 is approximately 25 feet from the boundary and 8 feet within the 33 foot wide right of way. **Staff recommends** a plat note be added that states, 'The acceptance of this plat by the Borough does not include acceptance of any possible encroachments.'

KPB Roads Dept. comments	Out of Jurisdiction: No Roads Director: Uhlin, Dil Comments: No comments
SOA DOT comments	The ROW for Diamond Ridge Road is as shown on Record of Survey 95-19 and appears to be shown correctly.

Site Investigation: The subdivision is affected by varying terrain with no slopes greater than 20%. Low wet areas do not affect this subdivision.

Improvements consisting of a house, shop, and shed are shown within proposed Lot 5. The remaining lots are undeveloped.

KPB River Center review	A. Floodplain Reviewer: Carver, Nancy Floodplain Status: Not within flood hazard area Comments: No comments B. Habitat Protection Reviewer: Aldridge, Morgan Habitat Protection District Status: Is NOT within HPD Comments: No comments C. State Parks Reviewer: Russell, Pam Comments: No Comments
State of Alaska Fish and Game	No objections to the proposed platting actions.

Staff Analysis The parent parcels are Government Lots that were deeded in 1954 and 1955. The Government Lots are subject to 33 foot wide right of ways as described in the patents.

A soils report will be required and an engineer will sign the final plat.

Per the preliminary Certificate to Plat, beneficial interest holders do not affect the proposed plat. Notification per KPB 20.25.090 will not be required unless the final Certificate to Plat states the property is affected by beneficial interest holders.

Kachemak Bay Advisory Planning Commission minutes were not available when the staff report was prepared (KPB 21.02.020). These will be provided with the desk packet if available.

Utility Easements The subdivision is affected by 33 foot right of ways on the exterior which can be used for utility purposes. **Staff recommend** the 33 foot right of ways be depicted and labeled on the plat.

This platting action will grant 15 foot utility easements adjoining all dedicated right of ways including Shuman Court, Diamond Ridge Road and Pitzman Avenue. The additional utility easements shown on the west and east boundary are not required as there is a 33 foot right of way for roadway and public utility purposes that overlaps those areas.

The affected utility providers were emailed the subdivision plat public hearing notice as part of the routine notification process. **Staff recommends** to grant utility easements requested by the utility providers or work with the utility providers to obtain approval.

Utility provider review:

HEA	
ENSTAR	No comments or objections.
ACS	No objections.
GCI	Approved as shown.

KPB department / agency review:

Addressing	<p>Reviewer: Haws, Derek Affected Addresses: 64435 DIAMOND RIDGE RD</p> <p>Existing Street Names are Correct: Yes</p> <p>List of Correct Street Names: PITZMAN AVE FLINTLOCK LN DIAMOND RIDGE RD</p> <p>Existing Street Name Corrections Needed:</p> <p>All New Street Names are Approved: Yes</p> <p>List of Approved Street Names: SHUMAN CT</p> <p>List of Street Names Denied:</p> <p>Comments: 64435 DIAMOND RIDGE RD will remain with lot 5.</p>
Code Compliance	<p>Reviewer: Ogren, Eric Comments: No comments</p>
Planner	<p>Reviewer: Aldridge, Morgan There are not any Local Option Zoning District issues with this proposed plat.</p> <p>Material Site Comments: There are not any material site issues with this proposed plat.</p>
Assessing	<p>Reviewer: Wilcox, Adeena Comments: No comment</p>

The subdivision plat has been reviewed and generally complies with the 2019 Kenai Peninsula Borough Comprehensive plan.

STAFF RECOMMENDATIONS
CORRECTIONS / EDITS

Typically the hatched area is to represent vacated right of ways. **Staff recommend the cross hatch be removed from the Diamond Ridge Road, Pitzman Avenue, and Flintlock Lane right of way dedications with a label remaining that states the right of ways are being dedicated with this plat.**

KPB 20.25.070 – Form and contents required

Staff recommendation: final plat submittals must comply with 20.25.070. Additional information, revisions, and/or corrections are required as noted below.

- A. Within the Title Block
 - 1. Name of the subdivision which shall not be the same as an existing city, town, tract, or subdivision of land in the borough, of which a plat has been previously recorded, or so nearly the same as to mislead the public or cause confusion. The parent plat's name shall be the primary name of the preliminary plat.
 - 2. Legal description, location, date, and total area in acres of the proposed subdivision;
 - 3. Name and address of owner(s), as shown on the KPB records and the certificate to plat, and registered land surveyor.

Staff recommendation: Within the title block remove, 'City of Homer' and add 'Homer Recording District'.

- F. The location, width and name of existing and platted streets and public ways, railroad rights-of-way, easements, and travel ways existing and proposed, within the subdivision;
Staff recommendation: Depict and provide a street name for the 60 foot wide right of way dedication on the east boundary between Diamond Ridge Road and Government Lot 7. Work with the KPB Addressing Officer to obtain an approved street name.

- G. The status of adjacent lands within 100 feet of the proposed subdivision boundary or the land status across from any dedicated rights-of-way that adjoin the propose subdivision boundary, including names of subdivisions, lot lines, block numbers, lot numbers, rights-of-way; or an indication that the adjacent land is not subdivided;
Staff recommendation: Revise the label for the lot to the north to state Govt. Lot 4, north of Diamond Ridge Road. Provide a total right of way width (100') label for Diamond Ridge Road.

- N. Apparent encroachments, with a statement indicating how the encroachments will be resolved prior to final plat approval;
Staff recommendation: The house is depicted approximately 8 feet into the 33 foot wide right of way. Provide a plat note that states, 'The acceptance of this plat by the Borough does not include acceptance of any possible encroachments.'

KPB 20.30 – Subdivision Design Requirements

Staff recommendation: final plat submittals must comply with 20.30. Additional information, revisions, and/or corrections are required as noted below.

20.30.030. Proposed street layout-Requirements.

- A. The streets provided on the plat must provide fee simple right-of-way dedications to the appropriate governmental entity. These dedications must provide for the continuation or appropriate projection of all

streets in surrounding areas and provide reasonable means of ingress for surrounding acreage tracts. Adequate and safe access for emergency and service vehicle traffic shall be considered in street layout.

B. Subdivision of land classified as agricultural conveyed subject to AS 38.05.321(a)(2)(B) may provide public access easements in lieu of fee simple dedications if necessary to comply with the minimum lot size restriction of the statute. The public access easements must meet all applicable right-of-way design criteria of Title 20 and are subject to the building setback requirements set forth in KPB 20.30.240.

C. Preliminary plats fronting state maintained roads will be submitted by the planning department to the State of Alaska Department of Transportation and Public Facilities (DOT) for its review and comments.
Staff recommendation: *Provide a 60 foot wide right of way dedication from Diamond Ridge Road to the land locked parcel to the south, Government Lot 7.*

20.30.070. Lots on major streets-Access requirements. Lots fronting on arterial streets with less than 200 feet of right-of-way as identified in the arterial road plan adopted by the borough or lots fronting on state maintained roads with less than 200 feet of right-of-way may be required to provide interior or frontage road access after review and recommendation by the Kenai Peninsula Borough Road Service Area staff and upon a finding by the planning commission that due to size, topography, physical characteristics, or heavy traffic flow, that direct access to the arterial or state maintained road may present a traffic hazard.

Staff recommendation: *The correct plat note is on the plat that states that access to State maintained roads is prohibited without prior approval from the State of Alaska DOT.*

20.30.120. Streets-Width requirements.

A. The minimum right-of-way width of streets shall be 60 feet.

1. Half streets shall generally not be allowed except to provide the logical extension of a right-of-way where the remaining half street can reasonably be expected to be dedicated in the future.
2. When a design change required as a condition of preliminary approval results in a half right-of-way that was not shown on the original preliminary plat, adjoining to the new half right-of-way will be sent a copy of the plat committee minutes and a sketch showing the new half right-of-way and per KPB 2.40.080 can request a review of the plat committee decision by the full Planning Commission.

B. Additional right-of-way or easement width may be required to provide for the construction of side slopes or to otherwise accommodate right-of-way construction standards set forth in KPB Title 14.

Staff recommendation: *Verify the location the roadway within Pitzman Avenue right of way. If needed, provide additional right of way dedication so that the existing roadway is within Pitzman Avenue right of way dedication.*

20.30.170. Blocks-Length requirements. Blocks shall not be less than 330 feet or more than 1,320 feet in length. Along arterial streets and state maintained roads, block lengths shall not be less than 800 feet. Block lengths shall be measured from centerline intersections.

Staff comments: *The block is defined by Pitzman Avenue, Diamond Ridge Road, Sheep Drive, and Charlie Drive. The block length from Pitzman Avenue to Sheep Drive is approximately 1,984 feet long and greater than the allowable length of 1,320 feet.*

Staff recommendation: *Concur that an exception to KPB 20.30.170 is not required as this platting action will be providing a 60 foot right of way dedication on the east boundary to help with the block length requirement and due to the development to the west, there are no logical points to provide a connection to Charlie Drive.*

20.30.200. Lots-Minimum size.

Except in cities where zoning and subdivision regulations establish different minimums, lots must be designed to meet the following area requirements:

A. Lots shall contain at least 6,000 square feet if served by public wastewater disposal and water systems.

B. Lots shall contain at least 40,000 square feet if both the well and wastewater disposal are to be located on the lot unless it can be demonstrated to the satisfaction of the commission that a smaller lot size is adequate for the safe location and operation of an on-site well and wastewater disposal system.

C. Subdivisions designed to be served by public wastewater disposal and water systems but not yet served by such systems may be permitted to contain lots of less than 40,000 square feet if the following conditions are met:

1. The available area may be reduced to 20,000 square feet when public water or wastewater disposal system is available, complying with KPB 20.40;

2. A statement from an engineer affixed with his seal and signature attesting that the proposed lot design and associated building restrictions will assure adequate area is available to each building site for safe on-site well and wastewater disposal, including area for a replacement wastewater disposal system.

Staff recommendation: *After the right of way dedication is removed from the total area, confirm that all lots comply with 20.30.200.*

KPB 20.40 – Wastewater Disposal

Staff recommendation: *final plat submittals must comply with 20.40. Additional information, revisions, and/or corrections are required as noted below.*

20.40.010 Wastewater disposal.

Platting Staff Comments: A soils analysis report, prepared by a licensed engineer, will be required for this platting action.

Staff recommendation: *comply with 20.40.*

KPB 20.60 – Final Plat

Staff recommendation: *final plat submittals must comply with 20.60. Additional information, revisions, and/or corrections are required as noted below.*

20.60.030. Certificate of borough finance department required.

Platting Staff Comments: All taxes levied on the property within the subdivision shall be paid prior to recordation of the final plat. If approval is sought between January 1 and the tax due date, there shall be on deposit with the borough finance department an amount sufficient to pay the entire estimated real property tax for the current year. Prior to filing of the final plat, a certificate to this effect shall be provided by the borough finance director or his designee upon request by the planning director. Estimated tax payments shall be applied to the actual bill as of July 1 or such earlier date as the taxes due have been determined.

Taxes owed may include special assessments for utility or road assessment districts established by KPB ordinance.

Staff recommendation: *comply with 20.60.030.*

20.60.040. Dedication of public use lands. Any land shown on a plat as a street, public park or other public area must be dedicated on the final plat to a tax exempt governmental entity. If the governmental entity is not the Kenai Peninsula Borough, the governmental entity shall be required to execute an acceptance of the dedication on the plat.

Staff recommendation: *At the direction of KPB Legal, please provide an additional Certificate of Acceptance for Flintlock Lane and Pitzman Avenue right of way dedications which will be under KPB jurisdiction.*

20.60.180. Plat notes.

A. Plat notes shall not be placed on a final plat unless required by borough code or by the planning commission in order to promote or protect the public health, safety, and welfare consistent with borough and state law.

B. Revision of, or not carrying forward, an existing plat note from the parent plat will adhere to KPB 20.50.010. Separate advertising of the plat note removal is not required, Notification of the requested change will be sent by regular mail to all owners within the subdivision (parent plat and subsequent replats) as shown on the borough tax rolls. Upon approval by the planning commission, the revision or removal of the record plat note shall be finalized by recording a planning commission resolution or subdivision plat.

Staff recommendation: *Place the following notes on the plat.*

- *Roads must meet the design and construction standards established by the borough in order to be considered for certification and inclusion in the road maintenance program (KPB 14.06).*
- *Provide a plat note for item 5 of the Certificate to Plat, as this subdivision may be affected by a reservation of easement for highway purposes.*

RECOMMENDATION:

STAFF RECOMMENDS:

- **GRANT APPROVAL OF THE PRELIMINARY PLAT SUBJECT TO STAFF RECOMMENDATIONS, AND**
- **COMPLIANCE WITH KPB 20.25.070 (FORM AND CONTENTS), KPB 20.25.080 (PETITION REQUIRED), KPB 20.30 (DESIGN REQUIREMENTS); AND KPB 20.40 (WASTEWATER DISPOSAL), AND**
- **COMPLIANCE WITH KPB 20.60 TO ENSURE ADMINISTRATIVE APPROVAL OF THE FINAL PLAT.**

NOTE: 20.25.120. - REVIEW AND APPEAL.

A PARTY OF RECORD MAY REQUEST THAT A DECISION OF THE PLAT COMMITTEE BE REVIEWED BY THE PLANNING COMMISSION BY FILING A WRITTEN REQUEST WITHIN 15 DAYS OF NOTIFICATION OF THE DECISION IN ACCORDANCE WITH KPB 2.40.080.

A DECISION OF THE PLANNING COMMISSION MAY BE APPEALED TO THE HEARING OFFICER BY A PARTY OF RECORD WITHIN 15 DAYS OF THE DATE OF NOTICE OF DECISION IN ACCORDANCE WITH KPB 21.20.250.

END OF STAFF REPORT

SUBDIVISION REQUIREMENT CHECKLIST
Complete or not applicable items are marked with a check box - ☒

KPB 20.25.070 - Form and contents required.

- A. Within the Title Block
 1. Name of the subdivision which shall not be the same as an existing city, town, tract, or subdivision of land in the borough, of which a plat has been previously recorded, or so nearly the same as to mislead the public or cause confusion. The parent plat's name shall be the primary name of the preliminary plat.
 2. Legal description, location, date, and total area in acres of the proposed subdivision;
 3. Name and address of owner(s), as shown on the KPB records and the certificate to plat, and registered land surveyor.

Staff recommendation:
- B. North point;
Staff recommendation:
- C. The location, width, and name of existing or platted streets and public ways, railroad rights-of-way, and other important features such as section lines or political subdivisions or municipal corporation boundaries abutting the subdivision;
Staff recommendation:
- D. A vicinity map, drawn to scale showing location of proposed subdivision, north arrow if different from plat orientation, township and range, section lines, roads, political boundaries, and prominent natural and manmade features, such as shorelines or streams;
Staff recommendation:
- E. All parcels of land including those intended for private ownership and those to be dedicated for public use or reserved in the deeds for the use of all property owners in the proposed subdivision, together with the purposes, conditions, or limitations of reservations that could affect the subdivision;
Staff recommendation:
- F. The location, width and name of existing and platted streets and public ways, railroad rights-of-way, easements, and travel ways existing and proposed, within the subdivision;
Staff recommendation:
- G. The status of adjacent lands within 100 feet of the proposed subdivision boundary or the land status across from any dedicated rights-of-way that adjoin the propose subdivision boundary, including names of subdivisions, lot lines, block numbers, lot numbers, rights-of-way; or an indication that the adjacent land is not subdivided;
Staff recommendation:
- H. Approximate locations of low wet areas, areas subject to inundation, areas subject to flooding or storm water overflow, and the line of ordinary high water. This information may be provided on an additional sheet if showing these areas causes the preliminary plat to appear cluttered and/or difficult to read;
Staff recommendation:
- I. Approximate locations of areas subject to tidal inundation and the mean high water line;
Staff recommendation:

- J. Block and lot numbering per KPB 20.60.140, approximate dimensions and total numbers of proposed lots;
Staff recommendation:
- K. Within the limits of incorporated cities, the approximate location of known existing municipal wastewater and water mains, and other utilities within the subdivision and immediately abutting thereto or a statement from the city indicating which services are currently in place and available to each lot in the subdivision;
Staff recommendation:
- L. Contours at suitable intervals when any roads are to be dedicated unless the planning director or commission finds evidence that road grades will not exceed 6 percent on arterial streets, and 10 percent on other streets;
Staff recommendation:
- M. Approximate locations of slopes over 20 percent in grade and if contours are shown, the areas of the contours that exceed 20 percent grade shall be clearly labeled as such;
Staff recommendation:
- N. Apparent encroachments, with a statement indicating how the encroachments will be resolved prior to final plat approval;
Staff recommendation:
- O. If the subdivision will be finalized in phases, all dedications for through streets as required by KPB 20.30.030 must be included in the first phase.
Staff recommendation:

KPB 20.30 Design Requirements

Platting staff comments: Staff reviewed the plat and all the items required by 20.30 were met, unless otherwise noted below:

- 20.30.020. Reserved strips prohibited-Exception. There shall be no reserve strips controlling access to land dedicated or intended to be dedicated to public use, except when the control and disposition of land comprising such strips is placed within the jurisdiction of the borough under conditions specified by the commission and noted on the final plat.
Staff recommendation:
- 20.30.030. Proposed street layout-Requirements.
 - A. The streets provided on the plat must provide fee simple right-of-way dedications to the appropriate governmental entity. These dedications must provide for the continuation or appropriate projection of all streets in surrounding areas and provide reasonable means of ingress for surrounding acreage tracts. Adequate and safe access for emergency and service vehicle traffic shall be considered in street layout.
 - B. Subdivision of land classified as agricultural conveyed subject to AS 38.05.321(a)(2)(B) may provide public access easements in lieu of fee simple dedications if necessary to comply with the minimum lot size restriction of the statute. The public access easements must meet all applicable right-of-way design criteria of Title 20 and are subject to the building setback requirements set forth in KPB 20.30.240.
 - C. Preliminary plats fronting state maintained roads will be submitted by the planning department to the State of Alaska Department of Transportation and Public Facilities (DOT) for its review and comments.
Staff recommendation:
- 20.30.040. Streets within 100 feet of waterbodies. No dedications are allowed within 100 feet of the ordinary high water line of a waterbody unless necessary for access to a lot where no reasonable alternative access

exists or the dedication provides access to a bridge or public facility, waterbody or watercourse. Final plats must comply with KPB 20.60.050 and 20.60.060.

Staff recommendation:

20.30.050. Legal access.

A. The applicant shall provide an access plan to the planning department verifying the existence of legal access to the subdivision boundary. The plan shall consist of the documents depicting the access, a map depicting the location of the access, and topographic information indicating that construction which meets the design requirements set forth in KPB Chapter 20.30 is practical and economical. In this title, legal access exists where an unrestricted, public right-of-way connects the subdivision to the state highway system, the state marine highway system or a regularly served public airport, and one of the following is met:

1. Ingress and egress will be provided over section line easements located within a surveyed section;
2. The applicant provides copies of borough-accepted recorded conveyances creating the public easement or right-of-way where the access is located;
3. That access is a State of Alaska maintained road or municipal maintained road;
4. The applicant provides documentation satisfactory to the borough demonstrating that public legal access is guaranteed through judicial decree; or
5. The right-of-way is an easement or fee interest at least 60 feet in width dedicated or irrevocably conveyed to the public and acceptable to the planning commission.

B. The following situations may qualify for a waiver of the legal access requirement:

1. Upon finding that no practical means of providing road access to a proposed subdivision exists and upon presentation of credible and convincing evidence by the applicant that permanent public access by air, water, or railroad is both practical and feasible, the planning commission may waive the legal access requirements of KPB 20.30.050(A). If access other than by road is approved, the mode of access shall be noted on the plat. .
2. Where only a 30-foot dedication exists over all or a portion of the legal access to a subdivision, the provisions of KPB 20.30.050(A) may be considered met if it is reasonable to expect that the other 30 feet will be dedicated in the future.
3. Where a road is in use for physical access but there is no right-of-way document for all or part of the access road, the provisions of KPB 20.30.050(A) may be considered met if it is reasonable to expect that the right-of-way will be dedicated in the future.

Staff recommendation:

20.30.060. Easements-Requirements.

A. The planning commission may require easements it determines necessary for the benefit of the public. Such easements include, but are not limited to, lateral support (slope) easements, drainage easements for ditching or protection of a drainage, and utility easements. Required easements do not need to be for road purposes.

B. Upon submittal of a preliminary plat, the planning department shall provide a copy to public utility companies for their comments-and recommended design of utility easements. If the property is subject to existing natural gas or petroleum pipeline easements, a copy shall also be furnished to the appropriate company for comment.

C. The subdivider bears the responsibility for coordination with the utility companies during the design and development phases. When a subdivider and the utility company cannot agree on easements, the final plat will be taken to the planning commission for determination of easements.

D. Unless a utility company requests additional easements, the front ten feet adjoining rights-of-way shall be designated as a utility easement, graphically or by note. Within the boundaries of an incorporated city, the width and location of utility easements will be determined by the city and affected utility providers.

Staff recommendation: The affected utility providers were emailed the subdivision plat public hearing notice as part of the routine notification process. **Grant utility easements requested by the utility providers.**

- 20.30.070. Lots on major streets-Access requirements. Lots fronting on arterial streets with less than 200 feet of right-of-way as identified in the arterial road plan adopted by the borough or lots fronting on state maintained roads with less than 200 feet of right-of-way may be required to provide interior or frontage road access after review and recommendation by the Kenai Peninsula Borough Road Service Area staff and upon a finding by the planning commission that due to size, topography, physical characteristics, or heavy traffic flow, that direct access to the arterial or state maintained road may present a traffic hazard.
Staff recommendation:
- 20.30.080. Alleys. Alleys are prohibited unless allowed by city ordinance.
Staff recommendation:
- 20.30.090. Streets-Maximum grades allowed. The subdivider shall demonstrate that streets can be readily constructed in accordance with current borough road standards and that the grades on any such roads shall not exceed 6 percent on arterial streets and 10 percent on other streets, or 4 percent within 130 feet of any centerline intersections. Submittal of centerline profiles and cross-sections may be required to demonstrate that compliant construction in the right-of-way is feasible.
Staff recommendation:
- 20.30.100. Cul-de-sacs.
 - A. Streets designed to have one end permanently closed shall be no more than 1000 feet long. The closed end of the cul-de-sac shall have a suitable turnaround with a minimum radius of 50 feet to the property line. The turnaround shall be constructible to a 4 percent grade or less.
 - B. Hammerhead or T -type turnarounds may be allowed on a case-by-case basis. Adequate turning radii, width and depth must be provided for road maintenance and emergency vehicle access. Plans must be reviewed with a recommendation by emergency service providers and the KPB Road Service Area Board prior to submittal for planning commission review.
 - C. Temporary turnarounds and self-vacating turnarounds shall not be granted or reserved on plats.
Staff recommendation:
- 20.30.120. Streets-Width requirements.
 - B. The minimum right-of-way width of streets shall be 60 feet.
 - 3. Half streets shall generally not be allowed except to provide the logical extension of a right-of-way where the remaining half street can reasonably be expected to be dedicated in the future.
 - 4. When a design change required as a condition of preliminary approval results in a half right-of-way that was not shown on the original preliminary plat, adjoining to the new half right-of-way will be sent a copy of the plat committee minutes and a sketch showing the new half right-of-way and per KPB 2.40.080 can request a review of the plat committee decision by the full Planning Commission.
 - B. Additional right-of-way or easement width may be required to provide for the construction of side slopes or to otherwise accommodate right-of-way construction standards set forth in KPB Title 14.
Staff recommendation:
- 20.30.130. Streets-Curve requirements.
 - A. Where a deflection angle of more than 10 degrees in the alignment of a right-of-way occurs, a curve of minimum radius is required. On streets 100 feet or more in width, the centerline radius of curvature shall be not less than 300 feet; on other streets not less than 200 feet. If it is not possible to design a curve to be radial or tangential, that curve shall be clearly labeled non-radial or non-tangential.

B. A minimum 100-foot tangent is required between curves.

Staff recommendation:

- 20.30.140. Streets-Prohibited curves. Compound and broken-back curves are not allowed. Reverse curves will be considered on a case by case basis.

Staff recommendation:

- 20.30.150. Streets-Intersection requirements.

A. Street intersections shall be as nearly at right angles as possible, and no intersection shall be at an angle of less than 60 degrees. Where acute street intersections are designed, a minimum 50-foot radius corner at the right-of-way line of the acute angle shall be provided.

B. Offset intersections are not allowed. The distance between intersection centerline shall be no less than 150 feet.

C. Intersections of access streets with arterial streets or state maintained roads shall be limited to those intersections required for safe access consistent with KPB Title 14.

D. Intersections of access streets with arterial streets or state maintained roads must be designed to the American Association of State Highway and Transportation Officials (AASHTO) standards.

Staff recommendation:

- 20.30.160. Streets-Name requirements. Streets shall be named to conform to KPB Chapter 14.10

Staff recommendation:

- 20.30.170. Blocks-Length requirements. Blocks shall not be less than 330 feet or more than 1,320 feet in length. Along arterial streets and state maintained roads, block lengths shall not be less than 800 feet. Block lengths shall be measured from centerline intersections.

Staff recommendation:

- 20.30.180. Pedestrian ways required when. Pedestrian ways not less than 8 feet wide shall be required in blocks longer than 600 feet where reasonably deemed necessary to provide circulation or access to schools, playgrounds, shopping centers, transportation or other community facilities.

Staff recommendation:

- 20.30.190. Lots-Dimensions.

A. The size and shape of lots shall provide usable sites appropriate for the locality in which the subdivision is located and in conformance with the requirements of any zoning ordinance effective for the area in which the proposed subdivision is located. Generally, lots shall be square or rectangular. Lots shall be at least 60 feet wide on the building setback line. The minimum depth shall be no less than 100 feet, and the average depth shall be no greater than three times the average width.

B. The access portion of a flag lot shall not be less than 20 feet wide. A flag lot with the access portion less than 60 feet wide may be subject to a plat note indicating possible limitations on further subdivision based on access issues, development trends in the area, or topography. If the access portion is less than 60 feet wide, it may not exceed 150 feet in length. The access portion may not be used for permanent structures or wastewater disposal area, must meet the design standards of KPB 20.30.030(A) and 20.30.090 for access, and, if at least 60 feet wide, will be subject to the building setback restrictions of KPB 20.30.240.

Staff recommendation: *place the standard note on the plat for the flag lot(s): No structures are permitted within the panhandle portion of the flag lot(s).*

- 20.30.200. Lots-Minimum size.

Except in cities where zoning and subdivision regulations establish different minimums, lots must be designed to meet the following area requirements:

A. Lots shall contain at least 6,000 square feet if served by public wastewater disposal and water systems.

B. Lots shall contain at least 40,000 square feet if both the well and wastewater disposal are to be located on the lot unless it can be demonstrated to the satisfaction of the commission that a smaller lot size is adequate for the safe location and operation of an on-site well and wastewater disposal system.

C. Subdivisions designed to be served by public wastewater disposal and water systems but not yet served by such systems may be permitted to contain lots of less than 40,000 square feet if the following conditions are met:

1. The available area may be reduced to 20,000 square feet when public water or wastewater disposal system is available, complying with KPB 20.40;

2. A statement from an engineer affixed with his seal and signature attesting that the proposed lot design and associated building restrictions will assure adequate area is available to each building site for safe on-site well and wastewater disposal, including area for a replacement wastewater disposal system.

Staff recommendation:

20.30.210. Lots-Access to street. Each lot shall abut on a fee simple dedicated street except as provided by KPB 20.30.030(B).

Staff recommendation:

20.30.220. Lots-Side line requirements. Where reasonable, side lines of lots shall be at right angles to straight portions of the right-of-way or radial to curved portions of the right-of-way.

Staff recommendation:

20.30.230. Lots-Double frontage prohibited when. Double frontage lots with depths less than 250 feet will not be approved except where necessitated by topographic or other physical conditions, or to provide reverse frontage along arterial streets. Corner lots are not subject to the double frontage prohibition.

Staff recommendation:

20.30.240. Building setbacks.

A. A minimum 20-foot building setback shall be required for dedicated rights-of-way in subdivisions located outside incorporated cities.

C. The setback shall be graphically depicted and labeled on the lots; if such depiction will interfere with the legibility of the plat, a typical lot showing the depiction and label may be provided on the plat, clearly indicating that the typical setback applies to all lots created by the plat.

D. The setback shall be noted on the plat in the following format:

Building setback- A setback of 20 feet is required from all dedicated street right-of-ways unless a lesser standard is approved by resolution of the appropriate planning commission.

E. When a subdivision is affected by a Local Option Zoning District (LOZD), an approved by the assembly, all building setbacks shall be graphically depicted and labeled on the lots. A local option zoning setback shall be noted on the plat in the following format:

Building setback – This subdivision is located within (name of LOZD) Local Option Zoning District as contained in KPB Chapters 21.44 and 21.46 and adopted by KPB Ordinance (number), recorded under (serial no. and recording district). Information regarding the zoning restrictions and copies of the ordinance are available from the KPB Planning Department.

Staff recommendation:

- 20.30.250. Building setbacks-Within cities. The building setback requirements for subdivisions located within cities shall be governed by the provisions of municipal zoning districts. Building setbacks as depicted, or noted, on recorded plats shall not be carried forward on a new subdivision plat located within a municipal zoning district. Provide a plat note stating, "Per KPB 20.30.250 the building setback of record has been removed. All development must comply with the municipal zoning requirements."

Staff recommendation:

- 20.30.260. Unsubdivided remainders prohibited. All parent parcels must be included in the boundary of the subdivision and all divisions must be given lot or tract numbers and must include areas.

Staff recommendation:

- 20.30.270. Different standards in cities. Where cities have enacted by ordinance different subdivision design standards than those set forth in this chapter, the planning commission shall apply the city standards in lieu of those set forth in this chapter. Any appeal of a city design standard is subject to KPB 21.01.020(E).

Staff recommendation: *The City of _____ does not meet the specified requirements for the application and consideration of different standards.*

- 20.30.280. Floodplain requirements.
 - A. All subdivision plats which are within areas where the floodplain has been identified by the Federal Emergency Management Agency (FEMA), and which involve 50 lots or five acres whichever is lesser, shall include the base flood elevation source.
 - B. Any area of the subdivision within the floodplain, floodway or Seward Mapped Flood Data Area (SMFDA) is to be shown and labeled on the plat.
 - C. All subdivisions which are wholly or partially located within flood hazard areas as defined by KPB 21.06.030 must comply with KPB 21.06.050 standards for Floodplain Management.
 - D. All subdivisions or replats within the Flood Insurance Rate Map (FIRM) area or SMFDA, as amended, as defined by KPB 21.06.020, shall contain the following note:

FLOOD HAZARD NOTICE:

Some or all of the property shown on this plat has been designated by FEMA or the Kenai Peninsula Borough Seward Mapped Flood Data Area as a flood hazard area district as of the date this plat is recorded with the district recorder's office. Prior to development, the Kenai Peninsula Borough floodplain administrator should be contacted for current information and regulations. Development must comply with Chapter 21.06 of the Kenai Peninsula Borough Code.

- E. All subdivisions or replats that include any portion of the mapped floodway shall contain the following note:

FLOODWAY NOTICE:

Portions of this subdivision are within the floodway. Pursuant to KPB Chapter 21.06, all development (including fill) in the floodway is prohibited unless certification by an engineer or architect is provided demonstrating that encroachments shall not result in any increases in flood levels during the occurrence of the base flood discharge.

- F. Each plat within a city which has met the requirements of this section shall contain the following statement: "The first finished and habitable floor of a building constructed within a floodplain shall be built at or above the 100-year flood level."

- G. This section applies to all cities which adopt a resolution requesting participation in the FEMA floodplain program and which are subsequently recognized by the state as participants.
- H. A city may adopt an ordinance as part of its building code with greater restrictions than those set forth in KPB 20.30.280(A). A note shall be placed on the plat to indicate that the developer is responsible for contacting the city to determine the restrictions prior to any development.

Staff Comments:

*To maintain consistency with KPB 21.06.050, **staff requests** the surveyor ensure the proposed subdivision have adequate drainage to reduce exposure to flood damage.*

Staff reminds the owner(s), that it is the responsibility of the subdivider to provide all necessary information regarding flood protection measures at the time the preliminary plat is presented for consideration by the planning commission (21.06.050).

Staff recommendation:

- 20.30.290. Anadromous Waters Habitat Protection District. If any portion of a subdivision or replat is located within an anadromous waters habitat protection district, the plat shall contain the following note:

ANADROMOUS WATERS HABITAT PROTECTION DISTRICT NOTE:

Portions of this subdivision are within the Kenai Peninsula Borough Anadromous Waters Habitat Protection District. See KPB Chapter 21.18, as may be amended, for restrictions that affect development in this subdivision. Width of the habitat protection district shall be in accordance with KPB 21.18.040.

Platting Staff Comments:

Staff recommendation: *comply with 20.30.290.*

KPB 20.40 -- Wastewater Disposal

- 20.40.010 Wastewater disposal.

Platting Staff Comments:

Staff recommendation: *comply with 20.40.*

KPB 20.60 – Final Plat

Staff recommendation: *final plat submittals must comply with 20.60. Additional information, revisions, and/or corrections are required as noted below.*

- 20.60.010. Preparation requirements generally. The final plat shall be prepared in accordance with this chapter and the preliminary plat as approved. Information required for the preliminary plat by KPB 20.25.070 shall be included on the final plat except that the information required by KPB 20.25.070 (K) - (N) shall not be included. The approximate dimensions required by KPB 20.25.070(J) shall be replaced with accurate dimensions as required by KPB 20.60.110 and KPB 20.60.120. If the final plat contains only a portion of the preliminary plat, it must comply with KPB 20.25.110(B).
Staff recommendation: *comply with 20.60.010.*
- 20.60.020. Filing-Form and number of copies required. The subdivider shall file a standard number of prints as determined by the planning director. All prints shall be folded as required by KPB 20.25.030 except those to be recorded with the district recorder.
Platting Staff Comments:
Staff recommendation: *submit one full-sized paper copy of the plat for final review prior to submittal of the mylar. Electronic submittals are not acceptable for final reviews.*
- 20.60.030. Certificate of borough finance department required.

Platting Staff Comments: All taxes levied on the property within the subdivision shall be paid prior to recordation of the final plat. If approval is sought between January 1 and the tax due date, there shall be on deposit with the borough finance department an amount sufficient to pay the entire estimated real property tax for the current year. Prior to filing of the final plat, a certificate to this effect shall be provided by the borough finance director or his designee upon request by the planning director. Estimated tax payments shall be applied to the actual bill as of July 1 or such earlier date as the taxes due have been determined.

Taxes owed may include special assessments for utility or road assessment districts established by KPB ordinance.

Staff recommendation: *comply with 20.60.030.*

- 20.60.040. Dedication of public use lands. Any land shown on a plat as a street, public park or other public area must be dedicated on the final plat to a tax exempt governmental entity. If the governmental entity is not the Kenai Peninsula Borough, the governmental entity shall be required to execute an acceptance of the dedication on the plat.

Staff recommendation:

- 20.60.050. Dedication and construction of anadromous waterbody crossings.
 - A. Where a dedication crosses a waterbody within the Kenai Peninsula Borough Road Service Area cataloged as important to the protection of anadromous fish under AS 16.05.871 as now enacted or as may be hereinafter amended, additional right-of-way dedication or slope easements may be required by the planning commission as necessary for construction to meet the criteria of KPB 14.40.061(B).

- B. Where a dedication is proposed over an existing road crossing a waterbody within the Kenai Peninsula Borough Road Service Area cataloged as important to the protection of anadromous fish under AS 16.05.871 as now enacted or as may be hereinafter amended, the road and crossing must be brought up to the permitting standards established by KPB 14.40.061(A) prior to planning commission approval of the final plat.

- C. Where a plat dedicates a right-of-way over an existing road which crosses an anadromous waterbody as described in KPB 20.60.050(B), the applicant shall have three years from the approval of the preliminary plat to have the final plat approved. The time frame may be extended by the planning director if the extension is requested prior to the termination of the initial three-year period for final plat approval or any previously granted extension, and only if there has been no change in the design of the subdivision's road system since preliminary plat approval. Extensions may only be granted for one year at a time.

- D. The road service area shall inspect and provide certification to the planning department that waterbody crossings meet the permitting requirements of KPB 14.40.061(A) prior to the approval of the final plat.

Staff recommendation:

- 20.60.060. Dedications within 100 feet of waterbodies. In addition to the criteria set forth in KPB 14.40.061(B), where dedications are proposed within 100 feet of a waterbody, the requirements of KPB 20.30.040 shall be met as part of the subdivision design.

Staff recommendation:

- 20.60.070. Plat specifications. The final subdivision plat shall be clearly and legibly drawn to a scale of 1 inch equal to 10, 20, 30, 40, 50, 60, 150 feet or a multiple of 100 feet. The drawing shall be plotted on good quality polyester film at least 3 mm in thickness. All lines, letters, figures, certifications, acknowledgements and signatures shall be clear, legible, and in black ink. The minimum text size should be 10 point (0.1") font or the equivalent. Where necessary, 8 point (0.08") capitalized font or the equivalent can be used to label features. The plat shall be so made, and shall be in such condition when filed, that legible prints and

negatives can be made therefrom. Colors, grayscale or shading is not acceptable as it does not show when the drawing is reproduced. Sheets shall be one of these sizes: 11" x 17"; 18" x 24"; and 24" or 30" x 36". When more than one sheet is required, an index map shall be provided on the first sheet showing the entire subdivision and indicating the portion contained on each sheet. Each sheet shall show the total number (e.g. sheet 1 of 3). When more than one sheet is submitted, all sheets shall be the same size. Indelible ink or sealant shall be used to insure permanency.

Staff recommendation: *comply with 20.60.070.*

- 20.60.080. Improvements-Installation agreement required. A final plat of a subdivision located within city limits shall not be recorded with the district recorder prior to compliance with any city ordinances concerning the installation of improvements. Evidence of compliance shall be provided by the subdivider in the form of a written statement from the appropriate city official that improvements required by city ordinance are or will be installed. Evidence of compliance shall be a part of the final plat submission and the time for action required by KPB 20.60.210 shall not commence until evidence of compliance is submitted.

Staff recommendation:

- 20.60.090 Improvements-Other public systems. A final plat of a subdivision outside city limits served by a public or existing ADEC approved water or wastewater disposal system shall not be approved prior to provision of documentation from the owner of the system that service to the system is installed and available to each lot in the subdivision, and that connection to all lots will not exceed the capacity of the system.

Staff recommendation:

- 20.60.100. Reversion to acreage

A. Plats filed for the purpose of reverting subdivided land to acreage shall be conspicuously designated "THE PURPOSE OF THIS PLAT IS A REVERSION TO ACREAGE."

B. Reverted acreage may carry the original lot or tract designation.

Staff recommendation:

- 20.60.110. Dimensional data required.

A. The bearing and length of every lot line, block line, and boundary line shall be shown. Dimensions of lots shall be given as net dimensions to the boundaries of adjoining streets and shall be shown in feet. No ditto marks shall be used. Information shall be shown for all curves, including radius, central angle, arc length, chord length and chord bearing. The initial point of survey shall be shown and labeled. All non-radial lines shall be labeled. If monumented lines were not surveyed during this platting action, show the computed data per the record plat information.

B. The natural meanders of ordinary high water (or mean high water line as applicable) is for area computations only, the true corners being on the extension of the sidelines and the intersection with the natural meanders.

C. Any discrepancy between the survey and the record description, and the source of all information used in making the survey shall be indicated. When an inconsistency is found including a gap or overlap, excess or deficiency, erroneously located boundary lines or monuments, or when any doubt as to the location on the ground of the true boundary or property rights exists, the nature of the inconsistency shall be clearly shown on the drawing.

Staff recommendation: *comply with 20.60.110.*

- 20.60.120. Accuracy of measurements. All linear measurements shall be shown to the nearest 1/10 foot, and angular measurements shall be at least to the nearest minute. All lot areas shall be shown to the nearest 10 square feet or to the nearest 1/1,000 of total acres. Meander lines, dry land areas and submerged land areas shall be shown in addition to total area when applicable. All boundary closures shall be to a minimum accuracy of 1:5,000. Boundary and lot closure computations must be submitted with the final plat.

Staff recommendation: provide boundary and lot closure computations with the paper final plat. KPB will verify closure complies with 20.60.120.

- 20.60.130. Boundary of subdivision. The boundary of the subdivision shall be designated by a wider border and shall not interfere with the legibility of figures or other data. The boundary of the subdivided area shall clearly show what survey markers, or other evidence, was found or established on the ground to determine the boundary of the subdivision. Bearing and distance ties to all survey markers used to locate the subdivision boundary shall be shown.

Staff recommendation:

- 20.60.140. Block and lot numbering. Blocks and lots within each block shall be numbered consecutively or all lots shall be numbered consecutively. If possible, each block should be shown entirely on one sheet. Each lot shall be shown entirely on one sheet.

Staff recommendation:

- 20.60.150. Utility easements.
 - A. The utility easements approved by the planning commission shall be clearly shown on the final plat in dimensioned graphic form or as a note.

- B. The following note shall be shown on the final plat:
No permanent structure shall be constructed or placed within a utility easement which would interfere with the ability of a utility to use the easement.

Staff recommendation: comply with 20.60.150.

- 20.60.160. Easements.
 - A. The plat shall clearly show the location, width, and use of all easements. The easements must be clearly labeled and identified and, if already of record, the recorded reference given. If public easements are being granted by the plat, they shall be properly set out in the owner's certification of dedication.

- 1. Special purpose easements being granted by the plat shall be clearly defined for allowed use. Special purpose easements may require a signed acceptance statement on the plat.

- B. Private easements may not be granted on the plat.

Staff recommendation: comply with 20.60.160.

- 20.60.170. Other data required by law.
 - A. The plat shall show all other data that are or may be required on the plat by statute or ordinance.

- B. Private covenants and restrictions of record in effect at the time the final plat is approved shall be referenced on the plat. The borough will not enforce private covenants, easements, or deed restrictions. The borough will not enforce private covenants, easements, or deed restrictions.

- C. The plat must adhere to the requirement of the local option zone, where applicable.

Staff recommendation: comply with 20.60.170.

- 20.60.180. Plat notes.
 - C. Plat notes shall not be placed on a final plat unless required by borough code or by the planning commission in order to promote or protect the public health, safety, and welfare consistent with borough and state law.

- D. Revision of, or not carrying forward, an existing plat note from the parent plat will adhere to KPB 20.50.010. Separate advertising of the plat note removal is not required, Notification of the requested change will be sent by regular mail to all owners within the subdivision (parent plat and subsequent replats)

as shown on the borough tax rolls. Upon approval by the planning commission, the revision or removal of the record plat note shall be finalized by recording a planning commission resolution or subdivision plat.

Staff recommendation: Place the following notes on the plat.

- "No access to state maintained rights-of-way permitted unless approved by the State of Alaska Department of Transportation."
- Roads must meet the design and construction standards established by the borough in order to be considered for certification and inclusion in the road maintenance program (KPB 14.06).
- The borough will not enforce private covenants, easements, or deed restrictions per KPB 20.60.170.

If the travel way shown on the plat is a private drive, **staff suggests** the following note be placed on the final plat to avoid confusion about public use in the future: Private road shown is for use of owners only and is not dedicated to public use.

- 20.60.190. Certificates, statements, and signatures required.

Staff recommendation: comply with 20.60.190.

KPB 20.60.190 corrected the Notary's Acknowledgement so it is an acknowledgement instead of a combination of an acknowledgement and a jurat.

Staff recommendation: the Notary's Acknowledgement on the final plat must comply with 20.60.190.

- 20.60.200. Survey and monumentation.

Staff recommendation: comply with 20.60.200

- 20.60.210. Approval-Authority-Certificate issued when.

Platting Staff Comments: If the Plat Committee conditionally approves the preliminary plat, staff will comply with, and follow, 20.60.210.

- 20.60.220. Administrative approval.

Platting Staff Comments: If the Plat Committee conditionally approves the preliminary plat and the final plat conforms to the conditions, staff will issue an administrative approval with notice to the Planning Commission as set forth in 20.60.220.

The planning director may refer the final plat to the planning commission when:

1. Major redesign was a condition of preliminary approval by the planning commission or the advisory planning commission of the city in which the subdivision is located;
2. Final approval by the commission was a condition of preliminary approval; or
3. The planning director determines there are other conditions to support referral to the commission.

- KPB 20.70 – Vacation Requirements

Staff recommendation.

END OF SUBDIVISION REQUIREMENT CHECKLIST
