

## **Subdivision Pre-Application Meeting**

Cascade County Planning Department 121 4<sup>th</sup> St No, STE 2H/I, Great Falls MT 59401 Phone: 406-454-6905 | Fax: 406-454-6919

REQUIREMENTS ATTACHED

	OFFICE USE ON	LY		
Date Application Received:				
Type of Subdivision: Subsequent Minor or Major: Refer to Fee Schedule				
//		,		
Cost: Major: Minor:				
no of Applicant	Mailing Add			
ile of Applicant.		<u>ess.</u>		
:State:	<mark>Zip:</mark>	Phone #:		
ne of Proposed Subdivision:				
there any lien holders on the property?		es Applicant will not	ify Lien holders of inte	ont to
	Sub	divide and obtain an	proval.	
ne of Lien holders:		·	•	
veyor/Consultant/Engineer:			<mark># of lots proposed:</mark> _	
	ner:			
idavit stating representative to act on behalf of own	lici .			
idavit stating representative to act on behalf of own				
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Yes	No	
		1. Preliminary Plat Subdivision Application Form:
		The subdivider shall submit a completed subdivision application form that is signed by the landowner(s) of
		record.
		2. Preliminary Plat Review Fee
		The subdivider shall submit the required review fee as identified in the pre-application meeting.
		3. Preliminary Plat Form, Contents, and Supplements:
		The subdivider shall submit three (3) 11" by 17" and three (3) 18" by 24" (or 24" by 36") preliminary plat
		completed by a land surveyor.
		The following information must be provided on the preliminary plat or in supplements to the preliminary plat:
		a. The subdivision or development name (the title must contain the words "plat" and/or "subdivision")
		b. The legal description, including Section, Township, and Range, and any underlying survey data;
		c. A north arrow;
		d. The scale used on the plat;
		e. The certification of a professional land surveyor;
		f. The certification of a professional engineer (if the preliminary plat application or data includes
		engineering plans or specifications);
		g. The names of all owners of record and the subdivider [if different from the owner(s)];
		h. The date the preliminary plat is completed;

			water, the bearings and distances of a closing meander traverse shall be given;
		1	subject property;
		1	n. All proposed streets, roads, alleys, avenues, and easements; the width of the easement or right-of-way,
			grades, curvature of each; Existing and proposed road and street names:
		1	<ul> <li>Proposed location of intersections for any subdivision requiring access to state or local streets, roads.</li> </ul>
		1	avenues, alleys, or highways;
		(	q. The names of adjoining platted subdivisions and recording information from adjoining subdivisions, certificates of survey, or unplatted lands;
		1	r. The approximate location of all section corners or legal subdivision corners of sections pertinent to the subdivision boundary;
		5	s. Approximate area, location, boundaries, and dimensions of all parks, common grounds, and other grounds dedicated for public use;
		1	<ul><li>t. The total gross area of the subdivision and the total net area, exclusive of public areas and rights-of-way;</li><li>u. Existing and proposed infrastructure and proposed utilities including:</li></ul>
			i. The approximate location, size, and depth of existing and proposed sanitary and storm sewers;
			ii. The approximate location, size, and depth of existing and proposed water mains, lines, wells, and facilities; and
_	_		iii. The approximate locations of all existing buildings, structures, and other improvements;
		<b>4.</b> <i>A</i>	A Vicinity Sketch showing:
		i	a. The subject property including property boundaries and the approximate locations of all existing buildings, structures, and other improvements;
		1	b. Ownership of lands within 300 feet of the subject property, and existing buildings, structures and other improvements on those lands;
		(	c. Location and names of adjacent roadways; and
		- (	d. Existing zoning of the tract and adjacent lands.
		<b>5.</b> <i>I</i>	A Topographic Map:
		č	less than 10%; intervals of five feet where the average slope is greater than 10% and less than 15%; and
			intervals of ten feet where the average slope is 15% or greater.
		1	b. Slopes greater than 25% shall be shown as no-build zones.
		<b>6.</b> <i>A</i>	A Grading and Drainage Plan that includes:
		1	a. Proposed grades of all streets and roads;
			c. Proposed drainage facilities for all lots, blocks, and other areas displaying accurate dimensions, courses,
			and elevations;
		(	d. Existing and proposed contours, at a minimum of one (1) foot contour intervals or supply cross section at a minimum twenty five (25) foot station:
			e. Graded slopes:
		t	f. Calculations for drainage features adequate to accommodate a ten year frequency one-hour storm and
			adverse impacts for a 100-year frequency one-hour storm and proposed improvements to mitigate adverse
			<ul> <li>construction procedures, slope protection, or information describing the ultimate destinations of storm</li> </ul>
		2	runoff used to minimize erosion; and
		1	h. A Geotechnical Slope Stability Report shall be completed if the proposed subdivision includes areas with
			the potential for landsliding or slope instability. The report must be completed by a qualified soil or geotechnical engineer and indicate the locations, character, and extent of all areas of all slope stability, and
_	_		these areas shall be shown on the plat.
	Ц	7. 1	Engineering Plans for all public and private improvements;
		8.	Phasing Plan and schedule, including:
		â	a. A plat delineating each phase;
		1	b. Timing and schedule for filing of each phase;
		(	c. An improvements plan showing which improvements will be completed with each phase, and how those

improvements will be staged to allow for efficient connection with future phases.

Proposed lot layout with approximate dimensions and sizes;

The use of each lot, if other than for single-family residential;

The exterior boundaries of the parcel proposed for subdivision with bearings, distances, and curve data

indicated outside of the boundary lines. When the plat is bounded by an irregular shoreline or body of

Lots and blocks identified by number or letter;

Yes

No

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<u>Yes</u>	<u>No</u>

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- 9. Abstract of Title (or Title Report) and copies of all covenants, deed restrictions and easements identified within report;
- 10. Lien holders' Acknowledgement of Subdivision for each lien holder identified on the Abstract of Title or Title Report;
- 11. Proposed easements other than those shown on the preliminary plat;
- 12. Proposed covenants;
- 13. Documentation of legal and physical Access;
- 14. Existing Water Rights;
- 15. Proposed disposition of water rights;
- 16. Names and Addresses of all adjacent property owners;
- 17. A Proposed Road Plan and Profile that includes:
  - a. Street names.
  - b. Right-of-way or easement widths;
  - c. Pavement widths;
  - d. Street grades;
  - e. Pavement and base thickness;
  - f. Typical cross sections for each type of road;
  - g. Road profiles and cross sections for all proposed streets and roads which have grades exceeding 5%, or cuts and fills exceeding 3';
  - h. The type and location of sidewalks and curbs (where required);
  - i. The minimum site distances at corners;
  - j. The minimum curb radiuses at corners;
  - k. For cul-de-sac streets:
    - i. widths of turn around radiuses;
    - ii. minimum right-of-way widths at the turnarounds;
    - iii. minimum pavement or road surface width at the turnarounds;
    - iv. total lengths of the streets.
  - 1. The locations and characteristics of bridges and culverts;
  - m. The locations and dimensions of adjoining lots and open spaces;
  - n. The locations and widths of easements and dedicated land, which provide a buffer between the subdivision lots and streets;
  - o. Typical grading and location of intersections with private driveways; and
  - p. Description of how the roads will be maintained.
- 18. Encroachment permits from Montana Department of Transportation or Road and Bridge Division;
- 19. Parkland dedication calculations, including a property valuation assessment or appraisal if cash-in-lieu of parkland is proposed;

20. Environmental Assessment, Community Impact Report, and/or Summary of Probably Impacts, completed to the standards set forth in Parts II-IV of Appendix A of the Cascade County Subdivision Regulations:

## 21. Traffic Impact Analysis, prepared, signed, and stamped by an engineer with an expertise in transportation planning. At a minimum, the study shall include all of the following:

- a. A written narrative describing the purpose of the report, study objectives and goals;
- b. An executive summary including a brief description of: the subdivision location and study area, description of the proposed development, principal findings, principal conclusions, and recommendations;
- c. Description an analysis of proposed on-site development, including: proposed land use and intensity, location, site plan, zoning if applicable, and phasing and timing if applicable;
- d. Analysis and assessment of existing study area conditions, including:
  - i. Area of influence,
  - ii. Area of significant transportation impact,
  - iii. Existing nearby land uses and intensity of nearby development,
  - iv. Existing zoning, if applicable,
  - v. Anticipated future development,
  - vi. Geometric design, alignment, and conditions,
  - vii. Traffic control devices,
  - viii. Crash analysis,
  - ix. Pavement or roadway surface conditions,
  - x. Roadway structural design and capacity analysis,
  - xi. Site accessibility, current and future, including: traffic volumes and conditions, nearest transit service, pedestrian and bicycle traffic facilities, existing relevant transportation system management programs, and other applicable information;

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- Traffic projections, including: e.
  - Analysis of trip generation from the site, trip distribution, modal split and trip assignments, i. ii.
    - Analysis of through traffic including the method of projection and estimated volumes,
  - iii. Total traffic volumes.
- f. Transportation analysis, including:
  - i. Site access analysis,
  - ii. Capacity and level of service analysis for intersections and roadways,
  - iii. Transportation safety,
  - Traffic signalization, iv.
  - Site circulation and parking. v
- Findings, assessment and identification of potentially significant adverse impacts relating to the items g. listed in subparts a-f;
- Recommendations for mitigation of the impacts identified in subpart g. Mitigation recommendations h. identified in this part, if approved by the BCC following a public hearing, must be constructed prior to final plat approval;
- 22. A copy of all materials submitted to City County Health Department for water and sanitation information;
- 23. Weed Management Plan and Re-vegetation Plan;
- 24. FIRM or FEMA panel map and/or letter identifying floodplain status;
- 25. When required per Section 10-14, a flood hazard evaluation which contains the following detailed information [to be submitted to the Water Resources Division, Department of Natural Resources]:
  - Certification by a registered professional engineer; a.
  - An overall scaled plan view with identified scale for vertical and horizontal distance showing the b. following:
    - i. Watercourse
    - ii. floodplain boundaries
    - iii. location of property
    - iv. contours
    - cross-sections v.
    - vi. bridges or other contraction in the floodplains
    - USGS gauging stations (if any); vii.
  - The location and elevation of a temporary benchmark(s) established within the subdivision and referenced c. to mean sea level with appropriate elevation adjustment;
  - Cross-sectional information which contains the following information: d.
    - i. Elevations and stations that are determined at points representing significant breaks in ground slope and at changes in the hydraulic characteristics of the floodplain (i.e., points where ground cover, soil, or rock conditions change). Elevations must be reported in NAVD 88 or NGVD 29 datum.
    - ii. Each cross-section must cross the entire floodplain. The cross-section alignment should be perpendicular to the general flow of the watercourse (approximately perpendicular to contour lines). Occasionally, wide floodplains require a dog-leg alignment to be perpendicular to the anticipated flow lines. Shots should be taken at the water's edge and measurements taken (if elevation shots cannot be taken) to determine the channel bottom shape. Cross sections must be accurately located on a USGS 7 1/2 minute quad sheet.
    - iii. The number of cross-sections needed, and the distance between cross-sections, will vary depending on the site, the slope of the watercourse, the slope of the channel, and the hydraulic characteristics of the reach. A minimum of four cross sections are required over the entire reach with at least two cross-sections at the property where the elevations are desired. Additional cross-sections must be taken at bridges, control structures, or natural constrictions in topography.
  - e. A description and sketch of all bridges within the reach, showing unobstructed waterway openings and elevations;
  - Elevation of the water surface is to be determined by survey as part of each valley cross section; f.
  - Supporting Documentation, such as engineering reports of computer computations, calculations, and g. assumptions that may include:
    - Hydrology

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- ii. Input files
- Output files iii.
- 26. Fire Risk Rating Analysis and Fire Prevention Plan;
- 27. Preliminary Homeowners' Association Documents shall accompany the preliminary plat, and at a minimum shall provide the following information:

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Updated September 30, 2020

Yes

No

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- a. Proposed Articles of Incorporation which will be filed with the Secretary of State's Office;
- b. Membership information;
- c. How common property will be perpetually reserved;
- d. How liens will be placed on property of lot owners who are delinquent in payment of association fees;
- e. Who is responsible for paying for liability insurance, local taxes and maintenance;
- f. How assessments will be adjusted to meet changing needs;
- g. Enforcement provisions;
- h. Responsibility for regular maintenance of roads, parks, buildings, drainage facilities, and all other facilities controlled by the association; and
- i. How transition of control of the association will occur between the Declarant and the homeowners.
- 28. Letter requesting a revocation of agricultural covenant, if applicable;
- 29. Letter from the Montana State Historic Preservation Office (SHPO) detailing evidence of any known locations of cultural or historic resources;
- **30.** Variance request(s) or approval(s), if applicable;
- 31. Re-zoning application or approval, if applicable;
- 32. Required water and sanitation information, including:
  - a. <u>Provide the following attachments to the preliminary plat:</u>
    - i. A vicinity map or plan that shows:
      - A. The location, within 100 feet outside of the exterior of the property line of the subdivision and on the proposed lots, of:
        - 1. floodplains;
        - 2. surface water features;
        - 3. springs;
        - 4. irrigation ditches;
        - 5. existing, previously approved, and for parcels less than 20 acres, proposed water wells and wastewater treatment systems;
        - 6. for parcels less than 20 acres, mixing zones identified as provided in subsection (VI-K); and
        - 7. the representative drain field site used for the soil profile description as required under subsection (C)(4); and
      - B. The location, within 500 feet outside of the exterior property line of the subdivision, of public water and sewer facilities.
    - ii. A description of the proposed subdivision's water supply systems, storm water systems, solid waste disposal systems, and wastewater treatment systems, as provided below, including whether the water supply and wastewater treatment systems are individual, shared, multiple user, or public as those systems are defined in rule published by the DEQ;
    - iii. A drawing of the conceptual lot layout at a scale no smaller than 1 inch equal to 200 feet that shows all information required for a lot layout document in rules adopted by DEQ pursuant to 76-4-104;
  - b. <u>Water Supply</u>
    - i. High Groundwater Report indicating there is not a problem with high groundwater present on the property proposed for subdivision. When evidence of high groundwater is present, the developer must submit plans that are prepared by a professional engineer to mitigate the problem;
    - ii. A vicinity map or plan that shows:
      - A. the location, within 100' outside of the exterior property line of the subdivision and on the proposed lots of:
        - 1. floodplains;
        - 2. surface water features;
        - 3. springs;
        - 4. irrigation ditches;
        - 5. existing, previously approved, and, for parcels less than 20 acres, proposed water wells and wastewater treatment systems;
        - 6. for parcels less than 20 acres, mixing zones identified as provided in subsection c.i.C.1 below.
      - B. the location, within 500' outside the exterior property line of the subdivision, of public water and sewer facilities;
    - iii. A description of the proposed subdivision's water supply systems, storm water systems, solid waste disposal systems, and wastewater treatment systems, including whether the water supply and wastewater treatment systems are individual, shared, multiple user, or public as those systems are defined in rules published by the Department of Environmental Quality in the

Administrative Rules of Montana, or 76-4-101 et seq., MCA, including the following information:

- A. If an **individual water supply system** is proposed for each parcel:
  - 1. Indicate the distance to the nearest public water system.
    - Attach a copy of the lot layout showing the proposed location of each spring, well, or cistern and indicating the distance to existing or proposed wastewater treatment systems.
  - 3. Evidence of sufficient water quality in accordance with rules adopted by the DEQ pursuant to 76-4-104;
- B. For a **multiple user water system**:
  - 1. If an existing system is to be used:
    - a. identify the system and the person, firm, or agency responsible for its operation and maintenance;
    - b. indicate the system's capacity to handle additional load and its distance from the development;
    - c. provide evidence that permission to connect to the system has been granted;
  - 2. provide the following attachments:
    - a. map or plat showing location, sizes, and depth of any existing water supply lines and facilities which may directly serve parcels within the proposed development;
    - b. provide plans and specifications for all proposed extensions and additional lines and facilities as required by ARM 17.38.305 and Circular DEQ 3.
  - 3. evidence of sufficient water quality in accordance with rules adopted by the DEQ pursuant to 76-4-104;
  - 4. Where a new system is proposed:
    - a. Provide evidence of adequate water availability, unless cisterns are proposed:
      - i. obtained from well logs or testing of onsite or nearby wells;
      - ii. obtained from information contained in published hydro geological reports; or
      - iii. as otherwise specified by rules adopted by the DEQ pursuant to 76-4-104;
    - b. indicate who will install the system, who will bear the costs, when it will be completed, and who will own it;
    - c. provide all information required in ARM 17.36.330-336 and Circular DEQ-3.
    - d. Evidence of sufficient water quality in accordance with rule adopted by the DEQ pursuant to 76-4-104;
- C. For a **public water system**:
  - 1. If an existing system is to be used:
    - a. identify the system and the person, firm, or agency responsible for its operation and maintenance;
    - b. indicate the system's capacity to handle additional load and its distance from the development;
    - c. provide evidence that permission to connect has been granted;
    - d. provide the following as attachments:
      - i. a map or plat showing the location, sizes, and depth of any existing water lines and facilities which will directly serve parcels within the proposed development;
      - plans and specifications for all proposed extensions and additional lines and facilities as required by ARM 17.36.328-330 and Circular DEQ-1 or Circular DEQ-3.
      - Evidence of sufficient water quality in accordance with rule adopted by the DEQ pursuant to 76-4-104;
  - 2. If a new system is proposed:
    - a. Provide evidence of adequate water availability:
      - i. obtained from well logs or testing of onsite or nearby wells;
      - ii. obtained from information contained in published hydro geological reports; or

- iii. as otherwise specified by rules adopted by the DEQ pursuant to 76-4-104;
- b. indicate who will install the system, who will bear the costs, when it will be completed, and who will own it;
- c. provide plans and specifications for all proposed extensions and additional lines and facilities as required by ARM 17.36.328-330 and Circular DEQ-1 or Circular DEQ-3.
- d. Evidence of sufficient water quality in accordance with rules adopted by the DEQ pursuant to 76-4-104;
- c. Wastewater Treatment System
  - i. For new onsite wastewater treatment systems, evidence of suitability that at a minimum includes:
    - A. a soil profile description from a representative drain field site identified on the vicinity map, as provided in section C.1.(a)(i)(G), that complies with the standards published by DEQ;
    - B. demonstration that the soil profile contains a minimum of 4 feet of vertical separation distance between the bottom of the permeable surface of the proposed wastewater treatment system and a limiting layer; and
    - C. in cases in which the soil profile or other information indicates that ground water is within 7 feet of the natural ground surface, evidence that the ground water will not exceed the minimum vertical separation distance provided in section (ii) above.
      - 1. For all new wastewater treatment systems a preliminary analysis of potential impacts to ground water quality using as guidance rules adopted by the board of environmental review pursuant to 75-5-301 and 75-5-303 related to standard mixing zones for ground water, source specific mixing zones, and non-significant changes in water quality. The preliminary analysis may be based on currently available information and must consider the effects of overlapping mixing zones from proposed and existing wastewater treatment systems within and directly adjacent to the subdivision. Instead of performing the preliminary analysis required under this subsection the subdivider may perform a complete non-degradation analysis in the same manner as is required for an application that is reviewed under Title 76, chapter 4.
  - ii. If individual wastewater treatment systems are proposed for each parcel:
    - A. Indicate the distance to the nearest public wastewater treatment system.
      - B. Provide all information required in ARM 17.36.320-345 and in Circular DEQ-4 for conventional systems or Circular DEQ 5 for alternative systems.
      - C. evidence of suitability as provided in subsection (a) of this section
      - D. preliminary analysis of potential impact to ground water as provided in subsection (b) of this section.
  - iii. For a multiple-user wastewater treatment system:
    - A. If an existing system is to be used:
      - 1. identify the system and the person, firm, or agency responsible for its operation and maintenance;
      - 2. indicate the system's capacity to handle additional load and its distance from the development;
      - 3. provide evidence that permission to connect to the system has been granted;
      - 4. provide the following attachments:
        - a. a map or plat showing the location, sizes, and depth of any existing sewer lines and facilities which will directly serve parcels within the proposed development; and
        - b. plans and specifications for all proposed extensions and additional lines and facilities as required by ARM 17.36.320-345 and Circular DEQ-4 or Circular DEQ-5.
      - B. If a new system is proposed:
        - 1. indicate who will install the system, who will bear the costs, when it will be completed, and who will own it;
        - 2. provide all information required in ARM 17.36.320-326 and Circular DEQ-4 or Circular DEQ-5.
        - 3. evidence of suitability as provided in subsection (a) of this section.
        - 4. preliminary analysis of potential impact to ground water as provided in subsection (b) of this section.
  - iv. For a **public wastewater treatment system**:

- If an existing system is to be used: Α.
  - 1. identify the system and the person, firm, or agency responsible for its operation and maintenance;
  - indicate the system's capacity to handle additional load and its distance from 2. the development;
  - 3. provide evidence that permission to connect to the system has been granted;
  - 4. provide the following attachments:
    - a. a map or plat showing the location, sizes, and depth of any existing sewer lines and facilities which will directly serve parcels within the proposed development;
    - b. plans and specifications for all proposed extensions and additional lines and facilities as required by ARM 17.36.328 and Circular DEQ-2 or Circular DEQ-4.
- d. Storm Water
  - i. Describe measures for the collection and disposal of storm run-off from streets and roads within the subdivision.
  - ii. Indicate the type of road surface proposed.
  - iii. Describe facilities for stream or drainage crossing (e.g., culverts, bridges).
  - iv. Describe how surface run-off will be drained or channeled from parcels.
  - v. Indicate whether storm run-off will enter state waters and describe any proposed treatment measures. (A storm-water discharge permit may be required)
  - vi. Describe any existing or proposed stream bank or shoreline alteration, and any proposed construction or modification of lake beds or stream channels. Provide information on location, extent, type, and purpose of alteration.
  - vii. Provide the grading and storm water or drainage plan as required by section II-3 Preliminary Plat Supplements, subsection (e) of this appendix.
- e. Solid Waste
  - Describe the proposed method of solid waste collection and disposal. i.
  - ii. If use of an existing collection system or disposal facility is proposed, indicate the name and location of the facility.
  - iii. If on-site disposal of solid waste is proposed, provide the information required in ARM 17.36.309(2).
- 33. Letter identifying and proposing mitigation for potential hazards or other adverse impacts as identified in the pre-application meeting and not covered by any of the above required materials; and
- 34. Such additional relevant and reasonable information as identified by the Subdivision Administrator during the pre-application meeting that is pertinent to the required elements of this section

Additional Comments:

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The above listed requirements or conditions may change after public hearings or prior to review by the Cascade County Planning Board or by the Cascade County Commissioners. These requirements and/or conditions are indicators to be used by the owners/developers to guide them in submitting the proper completed application package for review by the Cascade County Planning Board.

Attest: I have attended the pre-application meeting and understand the process and the conditions that may be attached to my subdivision for review by the Cascade County Planning Board.

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_