

Layout Plat Application Write Up

Map L1 is the Vicinity Sketch (Scale 1:800').

The Sketch Plat shows the boundary lines of the proposed plat, the location of existing streets (gravel road, asphalt road) within the property, features of adjoining development (property lines, roads and watercourses), and the name of the proposed plat.

Map L2 shows topography of the site and surrounding area (2-foot contours).

Map L2 also shows the location of the nearest Rapid City drainage element (MH11, open channel, described in the Meade/Hawthorne Drainage Basin Design Plan (1993)). The property site is currently undeveloped and over half the site is grass-covered. Existing drainage follows the land contours, with drainage on most of the site flowing east to the east side of the property. A drainage swale is located on the east side of the property. Water migrates northward along the swale, eventually flowing north to MH11 (open channel). Drainage in the north part of the property (in the north dog-leg) flows north and north-west, also with flow draining into MH11. The drainage capacity of runoff from the site is accommodated at this time by the natural topography of the site and flows into an established open drainage channel.

Map L3 shows the property site in relation to the FEMA floodplain. The property is not located in the floodplain.

Map L4 shows existing City water utilities within the property and adjacent properties. There is existing water service to the property site and a water hydrant and gate valve are located on the site.

Map L5 shows existing City sewer utilities within the property and adjacent properties. There is existing sewer service to the property site.

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Rapid City Growth
Management Department