

STAFF REPORT
June 9, 2005

No. 05PL085 - Layout Plat

ITEM 11

GENERAL INFORMATION:

PETITIONER	Dream Design International, Inc.
REQUEST	No. 05PL085 - Layout Plat
EXISTING LEGAL DESCRIPTION	Unplatted portion of the SW1/4, lying south of I-90 and north of the Railroad Right-of-Way, less Tract C, Section 30 and a portion of the SW1/4, Section 29, T2N, R8E, BHM, Rapid City, Pennington County, South Dakota
PROPOSED LEGAL DESCRIPTION	Parcels 1 through 17, Rushmore Crossing, located in the SW1/4, Section 30 and a portion of the SW1/4, Section 29, T2N, R8E, BHM, Rapid City, Pennington County, South Dakota
PARCEL ACREAGE	Approximately 95.28 acres
LOCATION	Adjacent to Eglin Street between Lacrosse Street and East North Street
EXISTING ZONING	General Commercial District
SURROUNDING ZONING	
North:	General Commercial District
South:	Low Density Residential District - General Commercial District - Light Industrial District - Medium Density Residential District
East:	General Commercial District
West:	Medium Density Residential District
PUBLIC UTILITIES	City sewer and water
DATE OF APPLICATION	5/6/2005
REVIEWED BY	Vicki L. Fisher / Bob Dominicak

RECOMMENDATION:

Staff recommends that the Layout Plat be continued to the June 23, 2005 Planning Commission meeting to allow the applicant to submit additional information:

GENERAL COMMENTS:

The applicant has submitted a Layout Plat to subdivide a 95.28 acre parcel into 17 commercial lots. The commercial development is to be known as "Rushmore Crossing".

The property is located between LaCrosse Street and E. North Street on the south side of

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U.S. Highway I-90 and is currently void of any structural development.

The Layout Plat is an informal preliminary review of a proposed subdivision to identify any major issues prior to platting. It is intended to provide the subdivider with an informal process where major issues may be identified and general agreements may be reached with Rapid City as to the form of the plat. Comments regarding the Layout Plat are based on the level of detail provided. All specific details of the subdivision may not be addressed as part of the Layout Plat approval but the major concerns and issues are identified based on the information provided. All applicable Subdivision Regulations, Zoning Regulations, Street Design Criteria Manual, and any other applicable regulations will need to be met as part of the Preliminary and Final Plat. Any waiver from the Rapid City Municipal Code or the Street Design Criteria Manual will require a formal variance request or a special exception whichever is applicable.

Staff Review:

Staff has reviewed the Layout Plat and has noted the following considerations:

Traffic Analysis: It is projected that the proposed development will generate 102,704 average daily trips of traffic. Depending on the type of commercial uses located on the site, significantly greater traffic may be generated. Provision of a traffic analysis is critical to allow a determination of the adequacy of the street network in the area. In addition, a traffic analysis must be submitted for review and approval to determine if turning and stacking lanes are needed within the proposed streets and the adjacent roadways. In particular, the traffic analysis must evaluate the Eglin Street/U.S. Highway 14/16 intersection and the Farnwood Avenue/LaCrosse Street intersection for traffic flows and potential signalization. In addition, the traffic analysis must address the separation distance between U.S. Highway I-90 and the proposed location of Eglin Street as it extends through the subject property. The potential re-alignment and/or design of the street sections may significantly alter the proposed lot configuration. As such, staff is recommending that the Layout Plat be continued to the June 23, 2005 Planning Commission meeting to allow the applicant to submit a traffic analysis as identified.

Geotechnical Report: A geotechnical report including pavement design must be submitted for review and approval. Staff is recommending that upon submittal of a Preliminary Plat application, a geotechnical report be submitted for review and approval as identified.

Fire Department: The Fire Department has indicated that all streets and turnarounds must be designed and constructed in compliance with the Street Design Criteria Manual and the Uniform Fire Code. In addition, fire hydrants must be in place and operational prior to any building construction. The Fire Department has also indicated that street signs and lot addresses must be posted prior to or in conjunction with any building construction. The International Fire Code will need to be continually met.

Eglin Street: Eglin Street is located along the north lot line of the subject property. The street is classified in part on the City's Major Street Plan as a collector street and as a minor arterial street. As such, staff is recommending that upon submittal of a Preliminary Plat application, road construction plans for Eglin Street be submitted for review and approval for the collector/arterial street. In particular, the road construction plans for the west 3,000 feet of

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Eglin Street as it abuts the subject property must show the street located in a minimum 76 foot wide right-of-way and constructed with a minimum 40 foot wide paved surface, curb, gutter, sidewalk, street light conduit, water and sewer. In addition, the road construction plans for the east 2,000 feet of Eglin Street as it abuts the subject property must show the street located in a minimum 100 foot wide right-of-way and constructed with a minimum 40 foot wide paved surface, curb, gutter, sidewalk, street light conduit, water and sewer or a Variance to the Subdivision Regulations must be obtained.

The applicant must also coordinate the separation distance between Eglin Street and the U.S. Highway -90 right-of-way with the South Dakota Department of Transportation. The potential re-alignment the street section may significantly alter the proposed lot configuration. As such, staff is recommending that the Layout Plat be continued to the June 23, 2005 Planning Commission meeting to allow the applicant to submit a traffic analysis as identified.

Luna Drive: The Layout Plat identifies Luna Drive located along the west lot line of the subject property. Luna Drive is classified as a commercial street requiring that it be located in a minimum 59 foot wide right-of-way and constructed with a minimum 26 foot wide paved surface, curb, gutter, sidewalk, street light conduit, water and sewer. Staff is recommending that upon submittal of a Preliminary Plat application, road construction plans for Luna Drive be submitted for review and approval as identified or a Variance to the Subdivision Regulations must be obtained.

North-South Collector Streets: The Layout Plat identifies one north-south street dissecting the western portion of the subject property. However, the Major Street Plan identifies two north-south collector streets extending through the subject property. As such, staff is recommending that upon submittal of a Preliminary Plat, road construction plans for the two collector streets be submitted for review and approval. In particular, the road construction plans must show the streets located in a minimum 60 foot wide right-of-way and constructed with a minimum 24 foot wide paved surface, curb, gutter, sidewalk, street light conduit, water and sewer or a Variance to the Subdivision Regulations shall be obtained.

Commercial Street: The Layout Plat identifies an east-west commercial street intersecting with Black Hills Boulevard. The Street Design Criteria Manual states that a commercial street must be located in a minimum 59 foot wide right-of-way and constructed with a minimum 26 foot wide paved surface, curb, gutter, sidewalk, street light conduit, water and sewer. Staff is recommending that upon submittal of a Preliminary Plat application, road construction plans for the commercial street be submitted for review and approval as identified or a Variance to the Subdivision Regulations must be obtained.

Section Line Highway: A north-south section line highway is located through proposed Parcels Seven and Eight. As such, upon submittal of a Preliminary Plat application, road construction plans for the section line highway must be submitted for review and approval. In particular, the road construction plans must show the section line highway located in a minimum 60 foot wide right-of-way and constructed with a minimum 26 foot wide paved surface, curb, gutter, sidewalk, street light conduit, water and sewer or a Variance to the Subdivision Regulations must be obtained. The applicant also has the option of vacating the section line highway. Staff is recommending that the section line highway issues be

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addressed upon submittal of a Preliminary Plat application.

Sewer: Sewer plans prepared by a Registered Professional Engineer showing the extension of sanitary sewer mains and service lines must be submitted for review and approval. Upon submittal of a Preliminary Plat application, the construction plans must be submitted for review and approval as identified or a Variance to the Subdivision Regulations must be obtained.

Water: Water plans prepared by a Registered Professional Engineer showing the extension of water mains must be submitted for review and approval. In particular, the water plans must include a water distribution plan and system analysis which includes the source, fire and domestic flows, looping appurtenances, etc. Upon submittal of a Preliminary Plat application, the construction plans must be submitted for review and approval as identified or a Variance to the Subdivision Regulations must be obtained.

Drainage: As part of the Preliminary Plat application, a drainage plan must be submitted for review and approval. In particular, the drainage plan must demonstrate the existing dam's ability to accommodate the 500 year flood event and the impact of any overflow on property(s) downstream. In addition, the drainage plan must provide the design for any additional on-site detention and storm sewer outfalls. A grading plan and an erosion and sediment control plan for all improved areas must also be submitted for review and approval. Upon submittal of a Preliminary Plat application, a drainage and grading plan, as well as an erosion and sediment control plan, must be submitted for review and approval and the plat document must be revised to provide drainage easements as identified.

Staff is recommending that the Layout Plat be continued to the June 23, 2005 Planning Commission meeting to allow the applicant additional time to submit a traffic analysis for review and approval and to coordinate the separation distance between Eglin Street and the U.S. Highway I-90 right-of-way with the South Dakota Department of Transportation.