



STANLEY DESIGN GROUP
 LANDSCAPE ARCHITECTURE | PLANNING | DESIGN

May 6, 2019

The City of Rapid City
ATTN: RAPID CITY COUNCIL
 300 6th Street
 Rapid City, SD. 57701

RE: PARKING DETERMINATION FOR THE RUSHMORE PLAZA CIVIC CENTER

Dear Council,

This letter is requesting a revised parking determination for the Rushmore Plaza Civic Center (RPCC). The new arena is planned to be an 11,700-seat facility that will replace the Barnett Arena. The Barnett Arena will be re-purposed and operate at a much lower capacity.

PARKING AVAILABILITY (2021) See attached exhibits

Available stalls before 4pm: 2,852 – does not include leased stalls
 Available stalls on weekends and after 4 pm: 4,570 – includes leased stalls

Facility Layout	Attendance Capacity	Parking Ratio	Parking Req. (Stalls)
New Arena	11,700	.33 stall/seat	3,861
Ice Arena	5,000	.33 stall/seat	1,650
Theater	1691	.25 stall/seat	423
Convention Space ¹	1,500 – 2,000	.33 stall/seat	660
Barnett Arena	1,500	.33 stall/seat	495

SINGLE FACILITY USE, PARKING REQUIREMENT, AND PARKING PROVIDED

Event	Seats	Event Schedule	Parking Required	Parking Available
Small Arena Concert	4,000 – 6,000	After 4	1,980	4,570
Mid Arena Concert	6,000 -8,000	After 4	2,640	4,570
Large Arena Concert	8,000 - 11,700	After 4	3,861	4,570
Ice-Arena Event	5,000	After 4	1,650	4,570
Day Theater Event	1,691	Before 4	423	2,852
Evening Theater Event	1,691	After 4	423	4,570
Convention Space	2,000	Before 4	660	2,852

¹ Rushmore Hall, LaCrox Hall, Meeting Rooms

The likelihood of all facilities hosting a maximum capacity crowd is very unlikely. However, a likelihood does exist for a full site capacity of 75 to 80%. Through the booking process and facility management, the director and staff know in advance the parking and facility needs per show.

The greatest amount of projected parking stalls needed is 5,672² (based on 80% of a full site capacity). The RPCC plans to support this parking need by:

- Use On-site parking, Central High School, Tennis Court Lot, New York Street Lot, total of 3,325 stalls
- Utilize Journey Museum Parking, 320 Stalls
- Utilize downtown lots with shuttle services, total 925 stalls
- Develop a Public Service Announcement (PSA) program directing people on the best parking locations.
- Work with other providers such as Sioux Park, Rushmore Mall and Fair Grounds to provide parking and shuttle from those locations.

The typical, normal site capacity will be approximately 13,000 attendees, this quantity of attendees requires 4,290 stalls. The RPCC plans to support this parking need by:

- Use On-site parking, Central High School, tennis Court Lot ,New York Street Lot, total of 3,325 stalls
- Utilize Journey Museum Parking, 320 Stalls
- Utilize downtown lots with shuttle services, total 925 stalls

Please accept this information to assist you in determining the parking requirements for the Civic Center.

Please let me know if you have any questions.

Regards,



Michael Stanley, PLA
STANLEY DESIGN GROUP

² Adding together the required parking for the new arena, ice arena, theater, convention space, and Barnett = 7,089. 80% of required parking is 5,672 parking stalls

