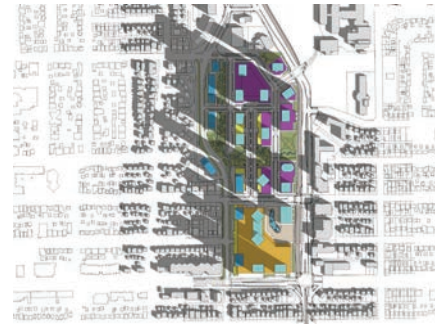
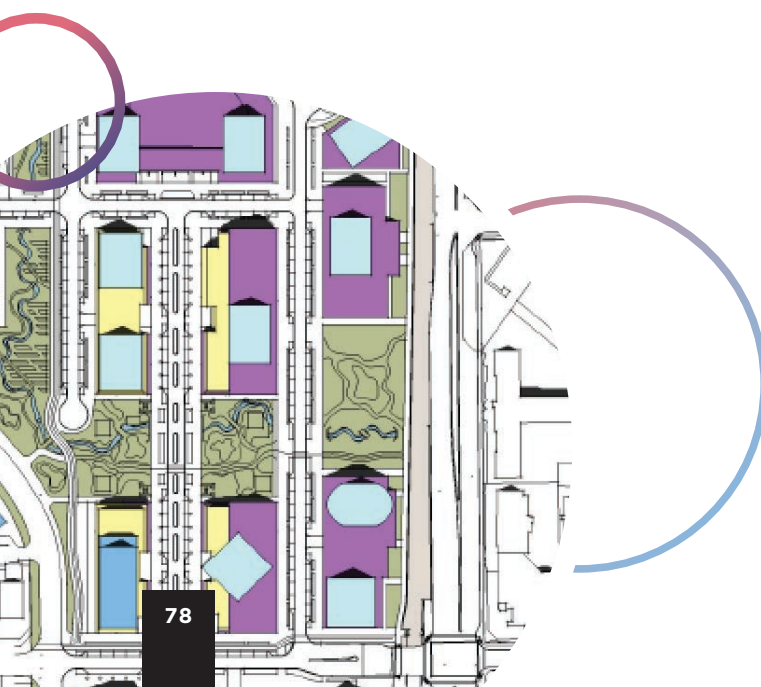


Shadow Studies

Bonnie Doon Centre

As the following shadow studies depict, the Conceptual Master Site Plan has been designed to minimize shadowing and optimize sunlight in, and around the Plan Area, while accommodating density in appropriate locations.

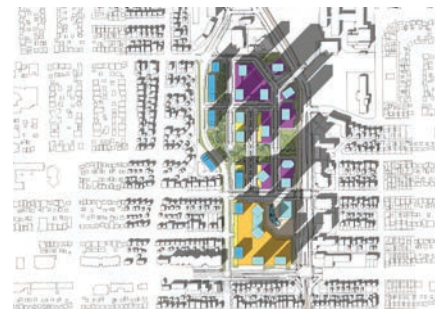
The Shadow Studies identifies the Spring and Fall Equinoxes along with the Winter Solstice.



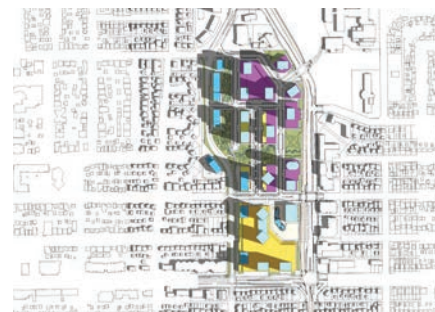
SHADOWS CAST - MARCH 21 09:00 (MST)



SHADOWS CAST - MARCH 21 12:00 (MST)



SHADOWS CAST - MARCH 21 15:00 (MST)



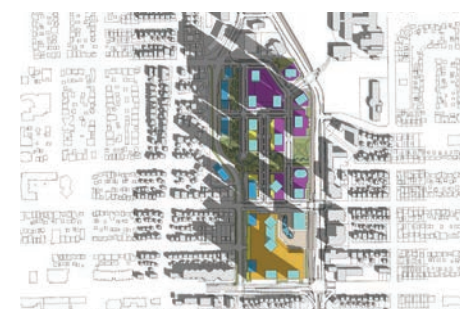
SHADOWS CAST - June 21 09:00 (MST)



SHADOWS CAST - June 21 12:00 (MST)



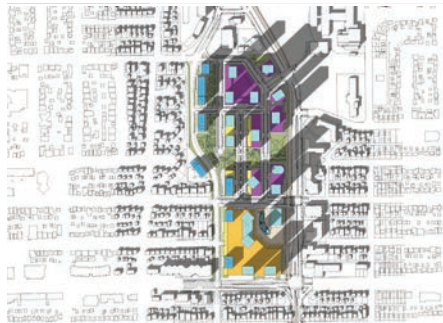
SHADOWS CAST - June 21 15:00 (MST)



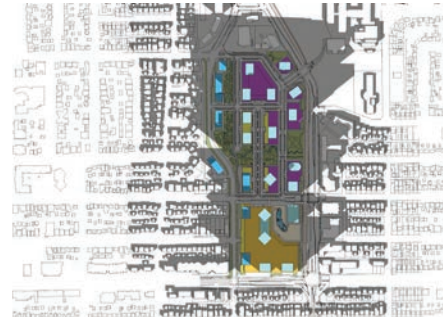
SHADOWS CAST - September 21 09:00 (MST)



SHADOWS CAST - September 21 12:00 (MST)



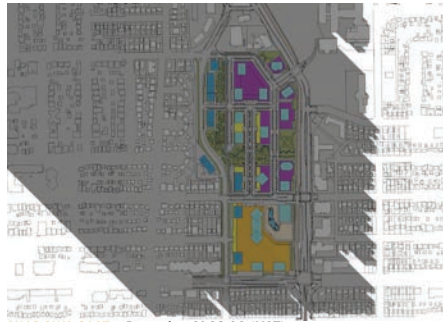
SHADOWS CAST - September 21 15:00 (MST)



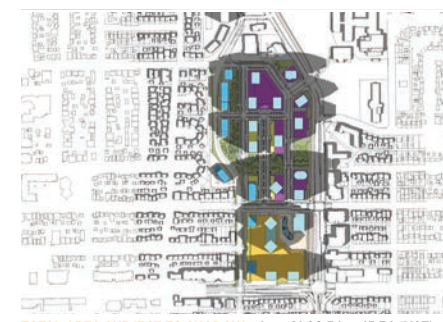
TOTAL AREA SUBJECT TO SHADOW - March 21 09:34 to 15:34 (MST)



AREA CONTINUALLY IN SHADOW - June 21 09:34 to 15:34 (MST)



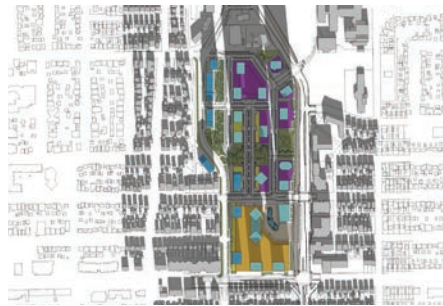
SHADOWS CAST - December 21 09:00 (MST)



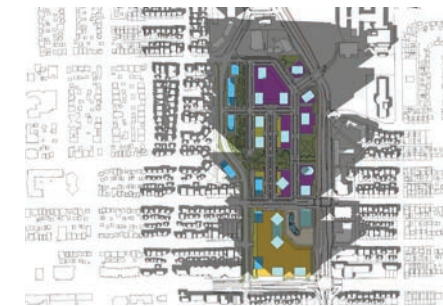
TOTAL AREA SUBJECT TO SHADOW - June 21 09:34 to 15:34 (MST)



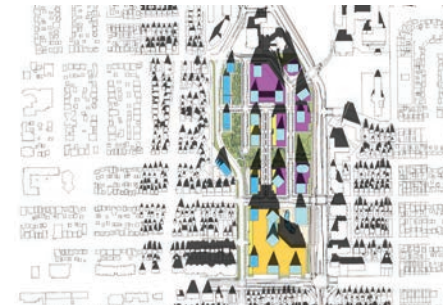
AREA CONTINUALLY IN SHADOW - September 21 09:34 to 15:34 (MST)



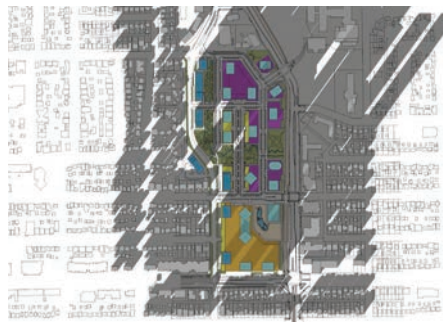
SHADOWS CAST - December 21 12:00 (MST)



TOTAL AREA SUBJECT TO SHADOW - September 21 09:34 to 15:34 (MST)



AREA CONTINUALLY IN SHADOW - December 21 11:00 to 14:00 (MST)



SHADOWS CAST - December 21 15:00 (MST)



AREA CONTINUALLY IN SHADOW - March 21 09:34 to 15:34 (MST)

FIGURE 16 Shadow Studies