

Form Systems Shape Up Exercise Yard



The wall surrounding this exercise area and gardens was created with a combination of Flex-Form and Steel-Ply components.



The wall was enhanced with surface detail provided by rustication strips, an acrylic coating and colorful reglets.

When the architectural firm of Gaboury and Associates designed the exercise yard for the hospital in Selkirk, Manitoba, they decided to use a repeating pattern of curves and corners. This pattern creates a visually interesting environment for the patients and workers, but created some form design challenges for the contractor.

The first concern was creating the curved walls of various radius details without “chording” to meet the architectural finish specifications. The curved sections featured horizontal rustications on the inside and outside, with additional relief details on the outside surfaces of the wall.

Joining the curved sections at 90° angles was another challenge that the contractor needed addressed in the formwork plans. Vertical rustication strips were utilized at some of these corners but not at others, and the contractor was concerned that this would create difficulties with form reuse patterns.

Symons[®] by Dayton Superior submitted a plan to use the Flex-Form forming system on the curved walls, and Steel-Ply for the corner details. Wood strips and squares, fastened to the face of systems, provided the repeated relief details. It was suggested that the contractor utilize two sets of forms so that setting, pouring and stripping operations could be continuous and simplify the Flex-Form system radius adjustments.

Although the crew was initially unfamiliar with the systems, Bockstael Construction reports that the plan was easy to follow and that they were impressed with how easy they were to work with.

Additional product information is available online at www.daytonsuperior.com. Contact your Dayton Superior representative at 888-977-9600, or send an email to info@daytonsuperior.com if you would like to discuss how these or other innovative systems can make your construction projects more productive.