



Recycling sources: Site walls and driveways



Perimeter sidewalks and retaining walls



Structurally unsafe groin vaults and columns

A number of the industrial concrete structures are proposed to be recycled and repurposed in the park, specifically the groin vaults, columns, and entry gates. Groin vault columns that can be salvaged can be used for pervious pavement in the park, for amphitheater seating, and as informal exercise elements in the bosque. Entire groin vaults can be structurally reinforced and used for a colonnade along the south part of the pond and as the portal for the main entry to the park from North Capitol Street NW.

Concrete structures and paving that need to be demolished can be crushed by portable crusher for reuse on site. Using the equipment on site and recycling concrete instead of sending it to a landfill can reduce construction costs and is an environmentally responsible practice. The crushed concrete can be used as subbase, aggregate for new concrete, and larger pieces can be used for erosion control and larger pieces can be used as pavers.

Sand from the filtration beds can be cleaned and used as planting material for natural water features. In addition, it can be used for setting beds for pervious pavement.



Crushed concrete



Recycled Concrete Pavement



Portable crusher