



- Service drive
- Proposed bioretention ponds
- Stormwater discharge pipes
- Biomedical Institute with integrated parking
- Proposed rain gardens
- Proposed parking lot to collect and direct the storm water
- Proposed exhibition and restaurant with integrated parking
- Proposed river side plaza with open air exhibition space and gathering space
- Proposed wetland
- Proposed greenway
- Proposed riparian buffer

Fig: 8.35 OPTION - I

Biomedical Institute and Riverside Park at Roanoke, Virginia



- Proposed bioretention pond
- Service drive
- Proposed bioretention pond
- Flood water discharge pipes
- Biomedical Institute with integrated parking
- Proposed rain gardens
- Proposed parking lot to collect and direct the flood water
- Detention pond that could be used for large scale gatherings
- Proposed riparian buffer
- Proposed greenway

Fig 8.37 OPTION - II

Biomedical Institute and Riverside Park at Roanoke, Virginia

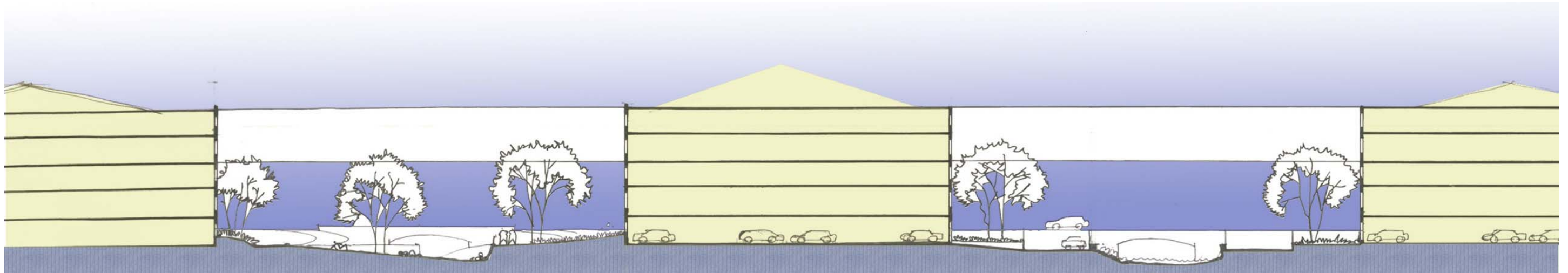


Fig 8.39 OPTION – II Typical section through the biomedical center and rain gardens and access roads

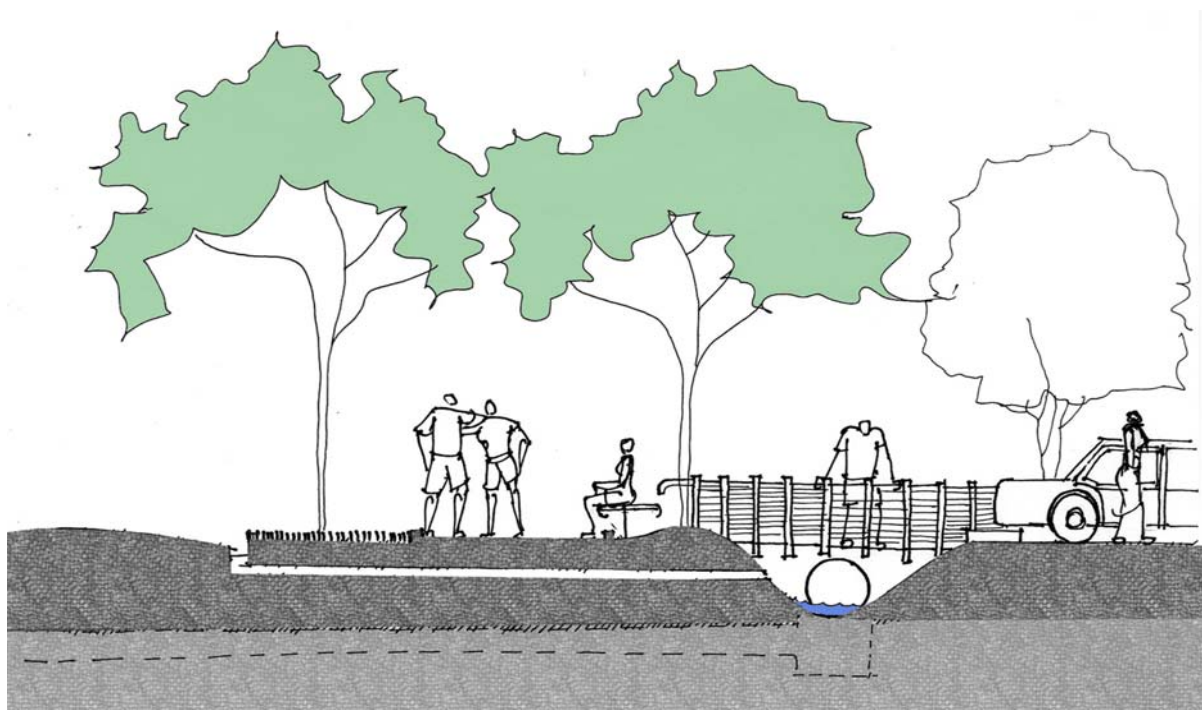


Fig 8.40 OPTION – I & II
Typical section showing collection of rainwater from the Reserve Avenue and the park side parking lot

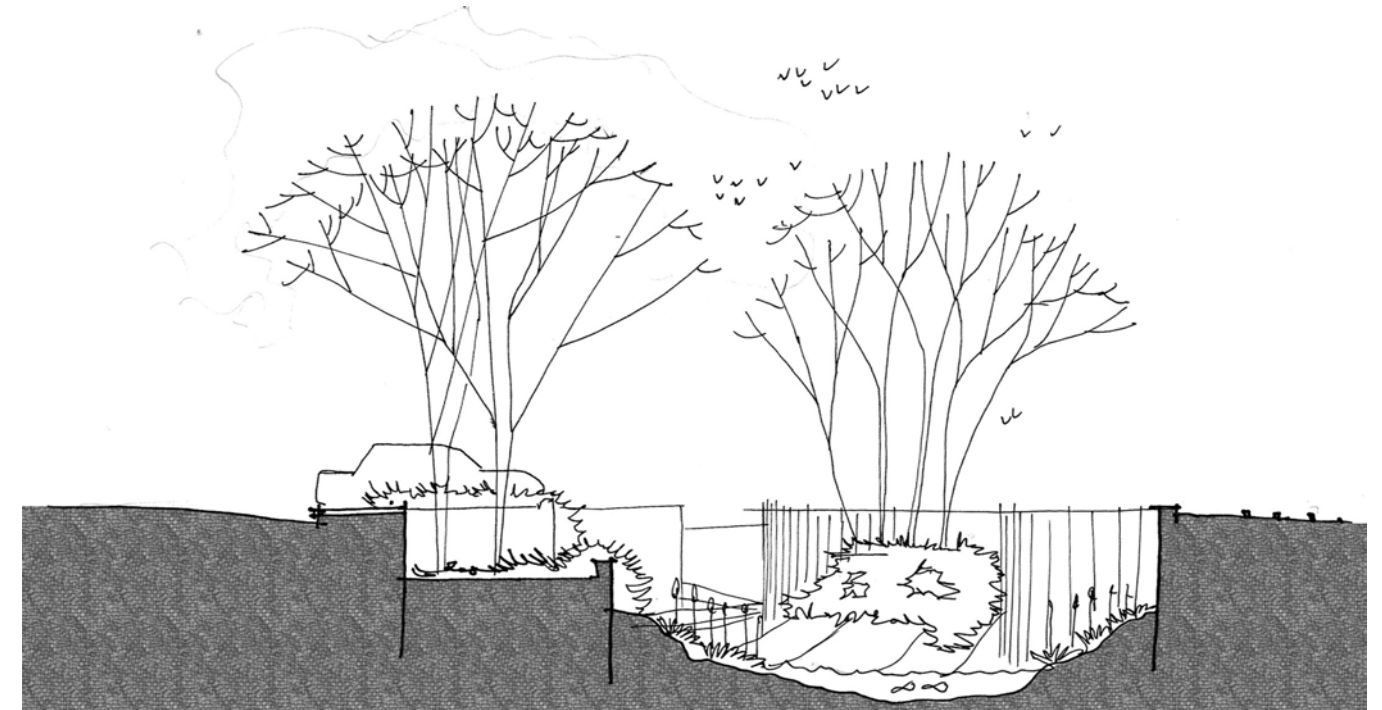


Fig 8.41 OPTION – I & II
Typical section showing treatment for the bio-retention area at the back of the Biomedical Center

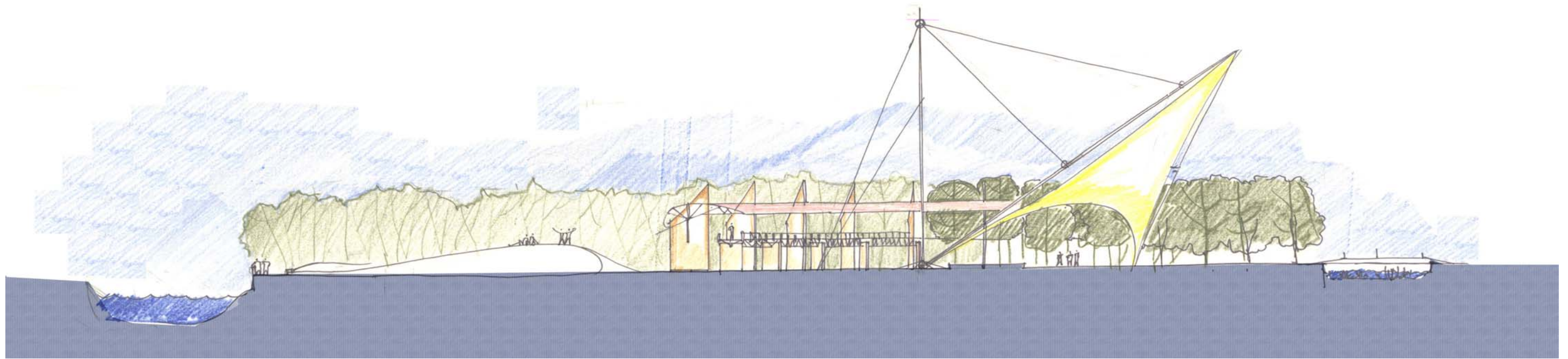


Fig 8.42 OPTION – I Section through the Riverside Urban Plaza: Option-I

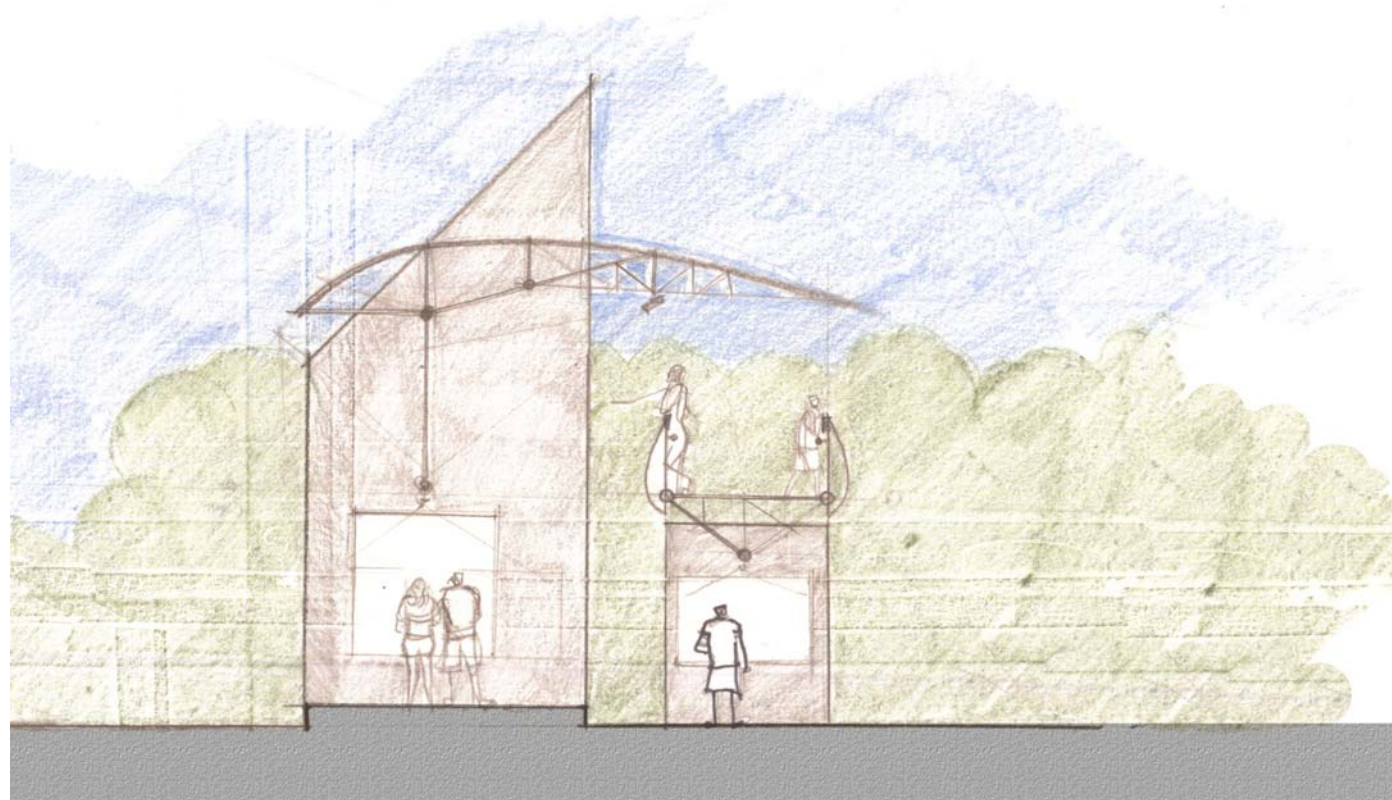


Fig 8.43 OPTION – I Section through the open air exhibition space

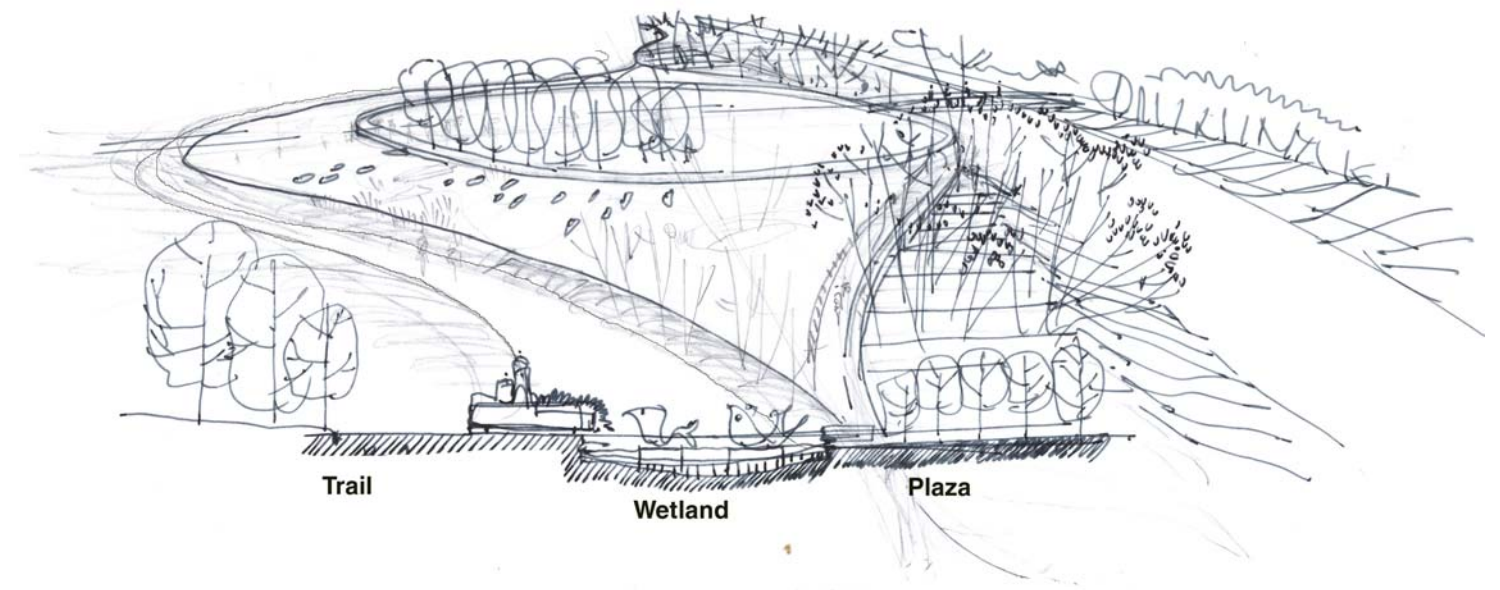


Fig 8.44 OPTION – II Sketch showing the relationship between the river and proposed riverside urban plaza, and surrounding wetland area surrounding it