
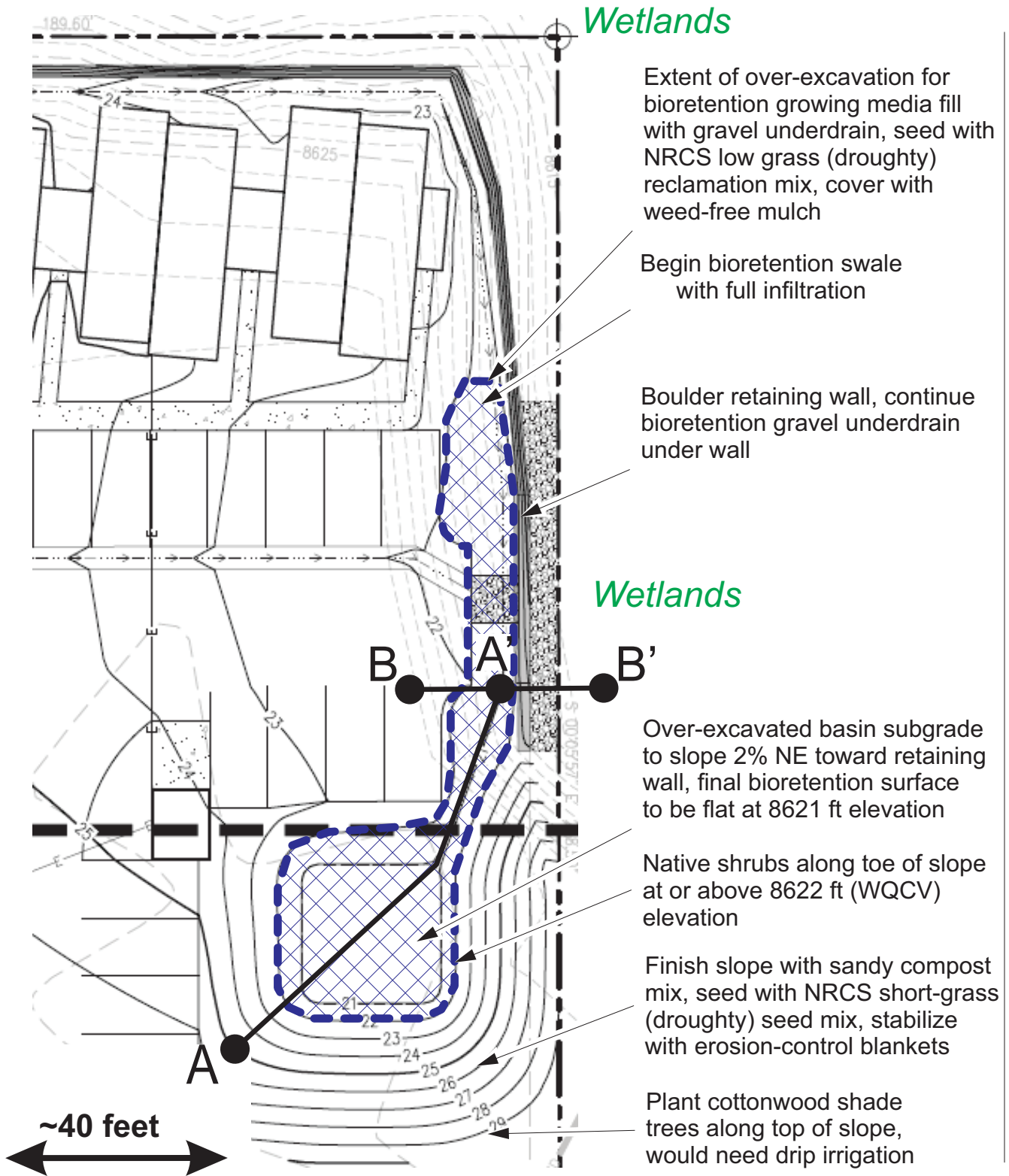


**NOTES:**

- A) JVA drainage design conveys stormwater generally eastward along north side of condominiums + middle of parking toward bioretention swale then south to bioretention basin
- B) Map base from JVA

Fraser Riverview LLC – Riverview Condominiums Bioretention 76981 US Highway 40, Fraser, Colorado GPS 39.94059°N and -105.80331°W		
Sheet 1: Stormwater Surface Drainage Paths Version 31Jan20	Design: GSE Drafting: GSE Corps File # SPK-2019-00794	 <i>Working with the Environment</i> TEXT 970-509-0199



**NOTES:**

A) Project avoids wetlands but design percolates infiltrated stormwater into adjacent marsh to the east after bioretention treatment


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Sheet 2: Landscape Recommendations for Bioretention Swale and Basin Version 31Jan20	Design: GSE Drafting: GSE Corps File # SPK-2019-00794	 Grand Environmental Services <i>Working with the Environment</i> TEXT 970-509-0199

Figure 3A: Section A-A' Schematic from Bioretention Basin NE to Swale

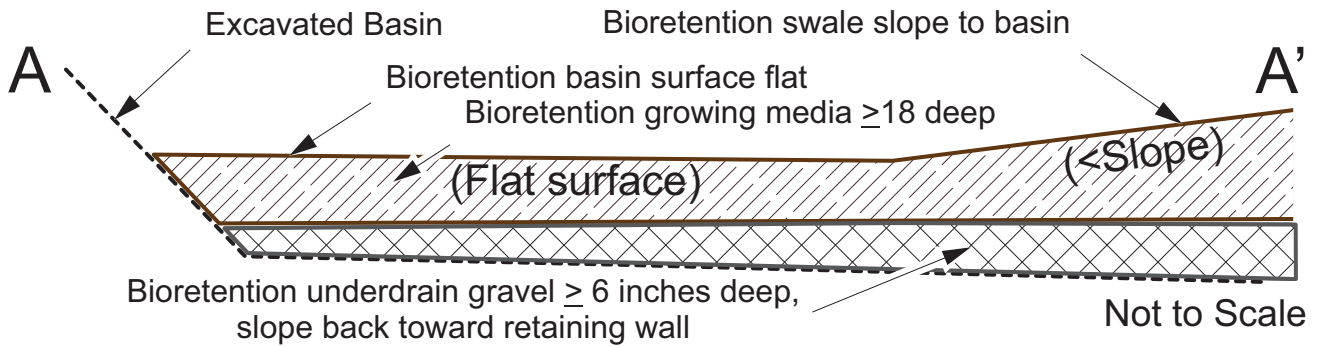
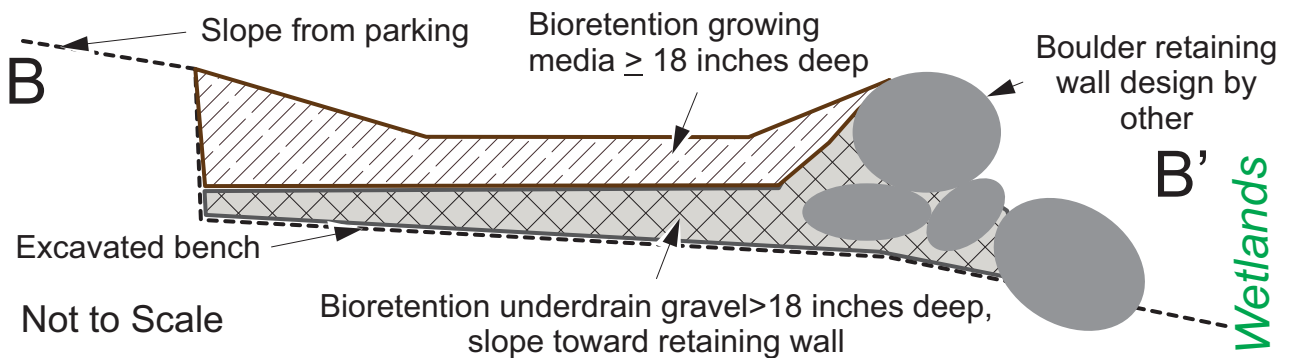


Figure 3B: Section B-B' Schematic across Bioretention Swale



### 3C: Landscaping Materials Notes

Bioretention Growing Media: 75% sand + 25% compost\*  
 (\*recommend screened GrandGro compost from Granby Sanitation Dist.)


Recommended Seed Mix: NRCS low-grass “droughty” mix

Recommended Shrubs:

- Prickly Rose – *Rosa acicularis* or *Rosa woodsii*
- Shrubby cinquefoil – *Pentaphylloides floribunda*
- Serviceberry – *Amelanchier alnifolia*
- Chokecherry – *Prunus virginiana*
- Buffaloberry – *Shepherdia canadensis*
- Juniper – *Juniperus communis*

**NOTES:**

- A) Landscape details per Urban Drainage and Flood Control guidelines November 2015
- B) Seed, shrub, and compost notes from local experience

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Sheet 3: Landscape Recommendation Details for Bioretention Swale and Basin Version 31Jan20	Design: GSE Drafting: GSE Corps File # SPK-2019-00794	 Grand Environmental Services Working with the Environment TEXT 970-509-0199