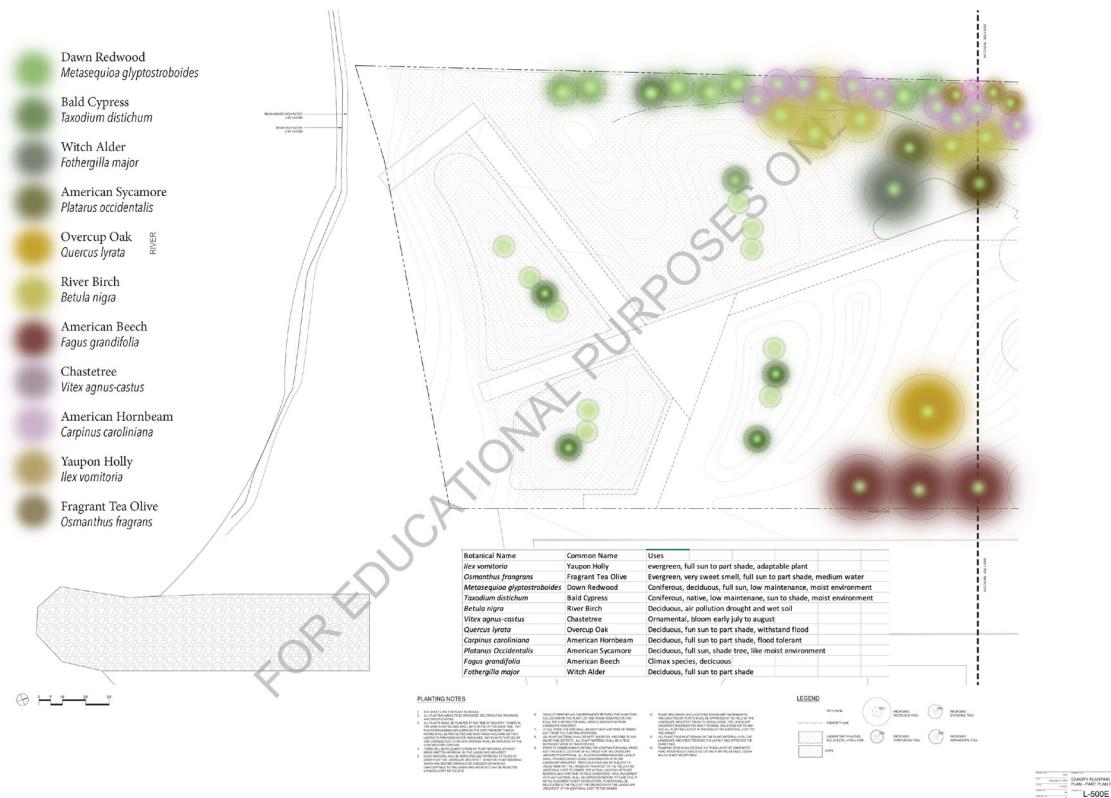
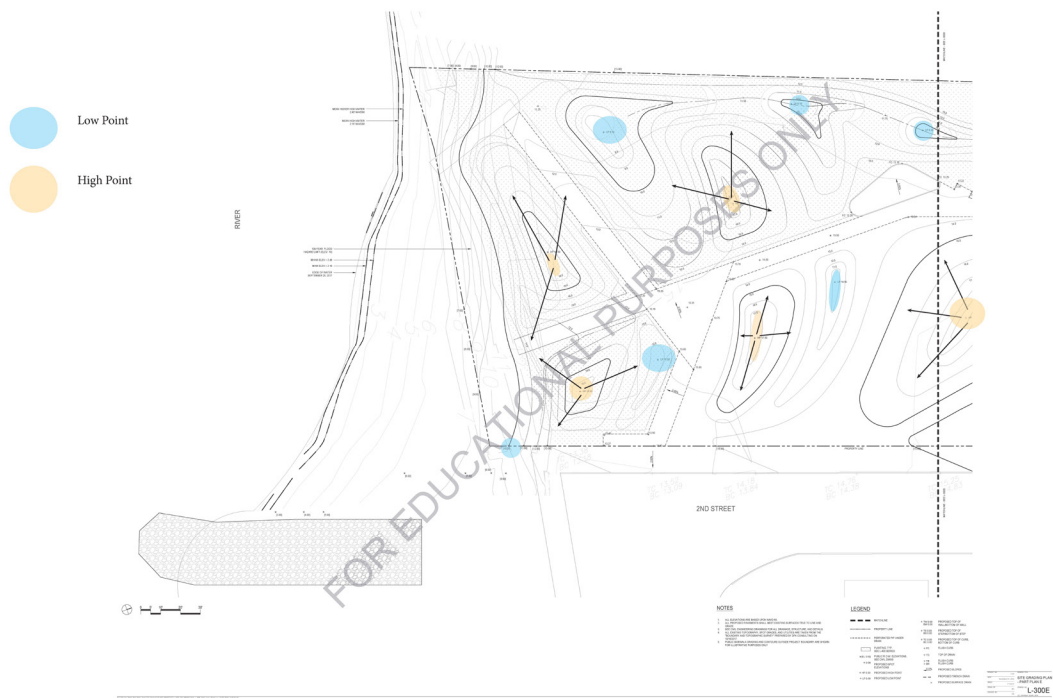
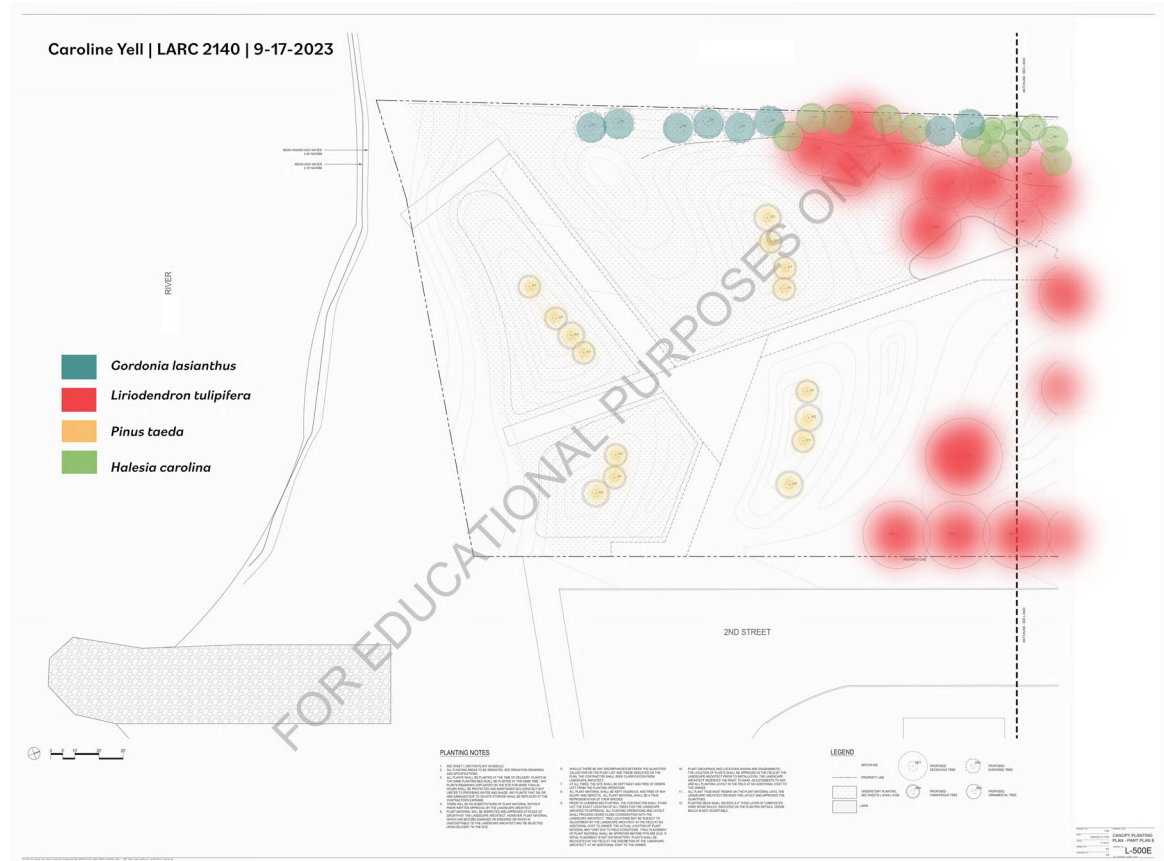
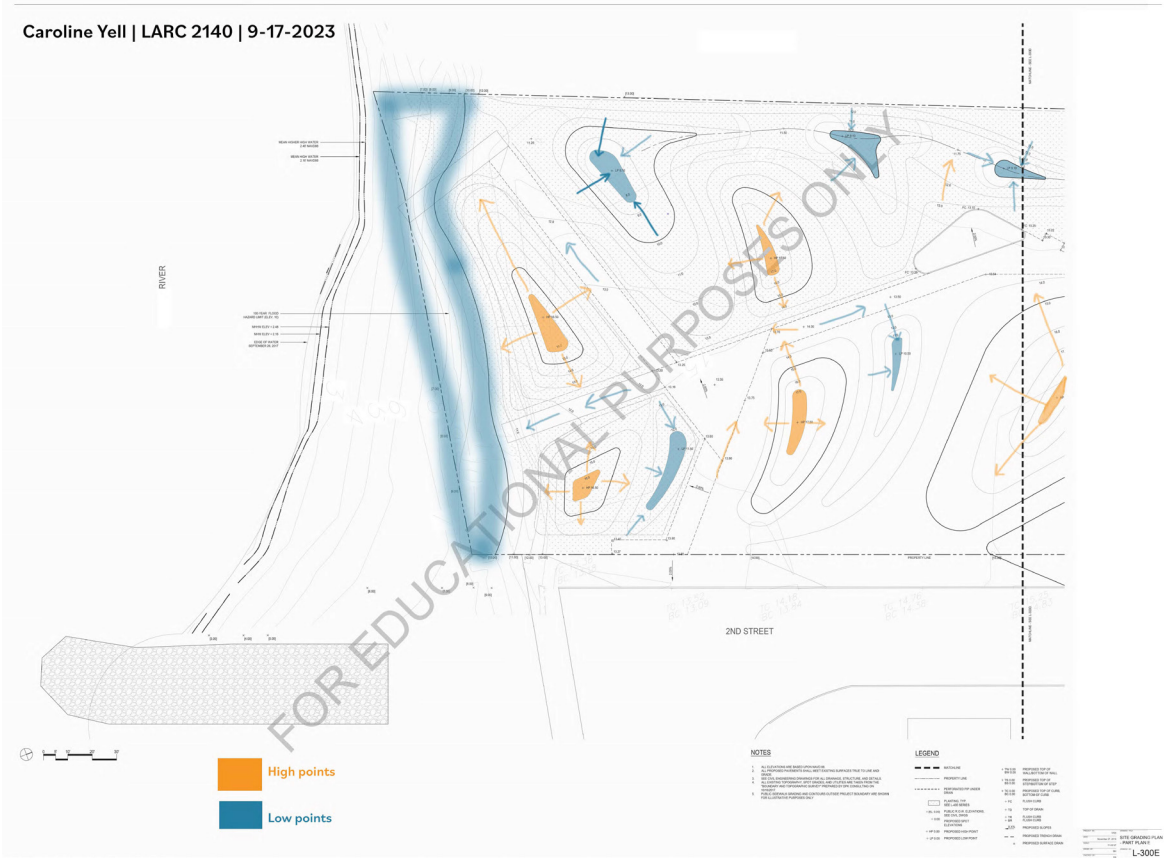


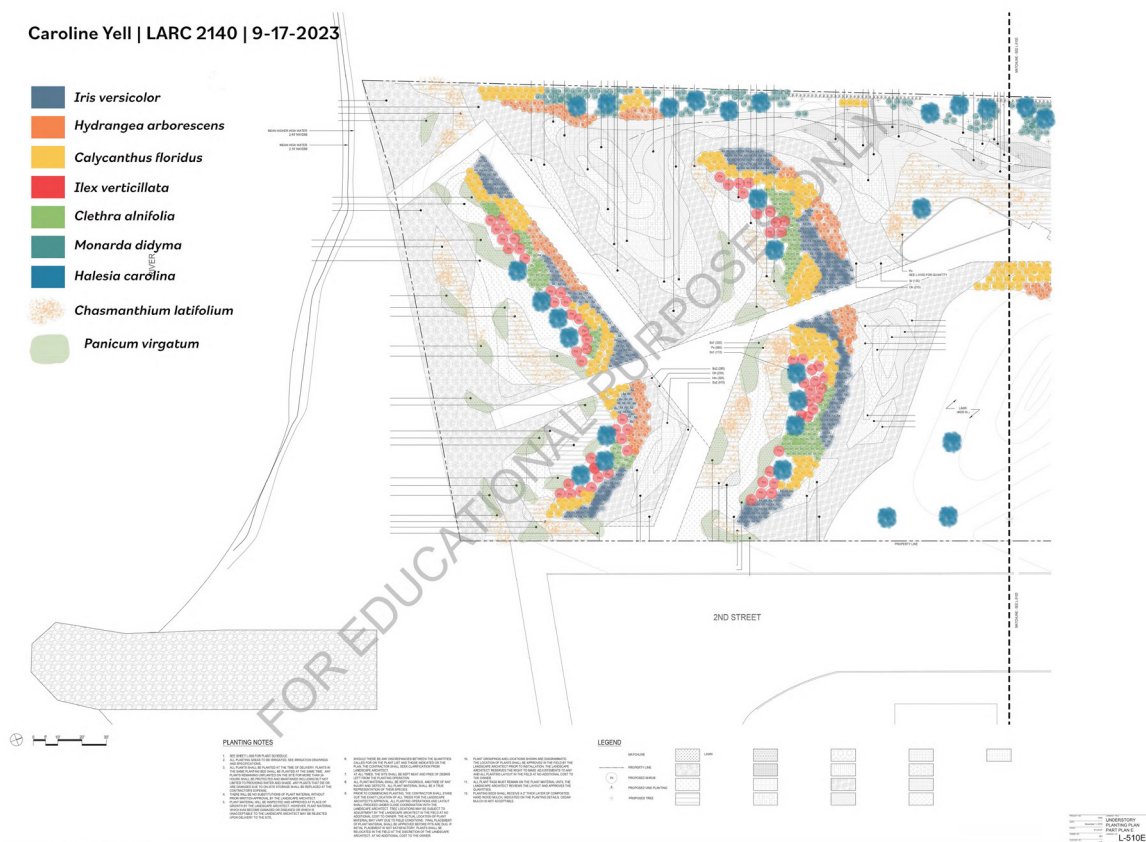
STUDENT WORK HIGH- Riparian Planting



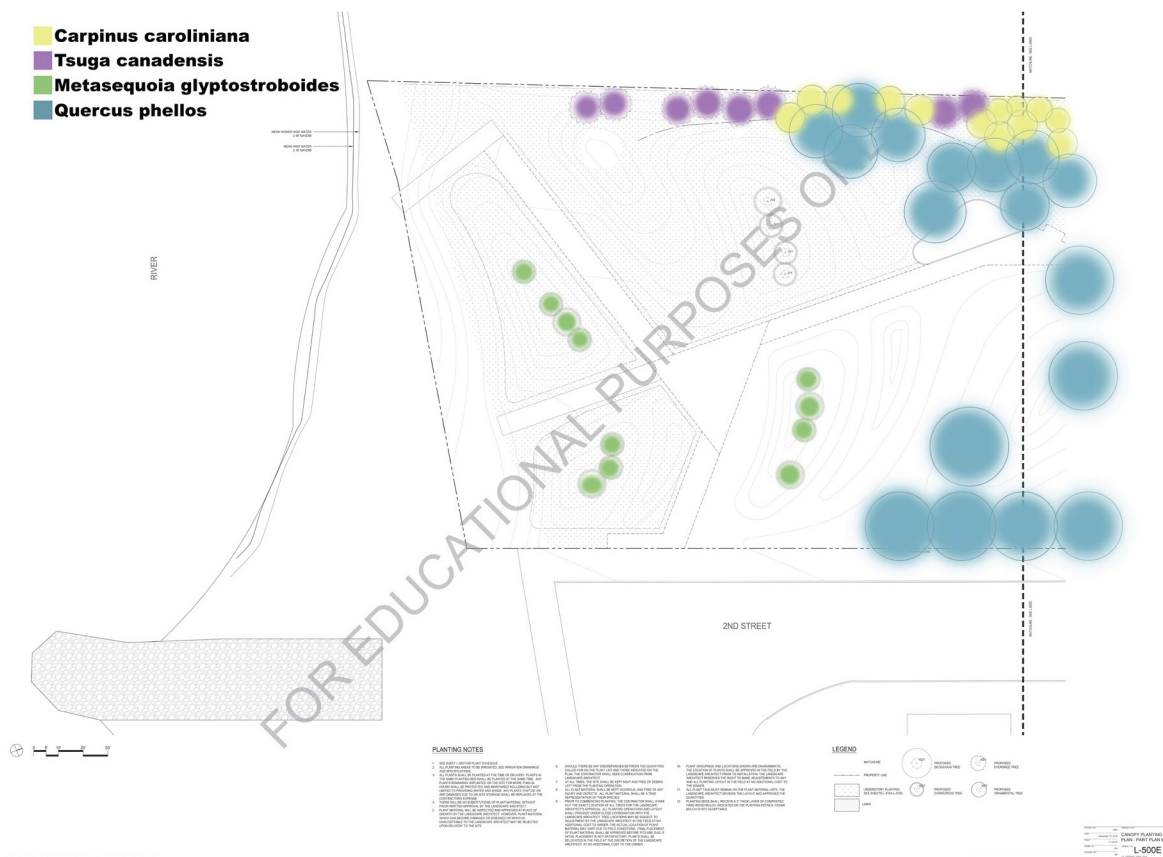
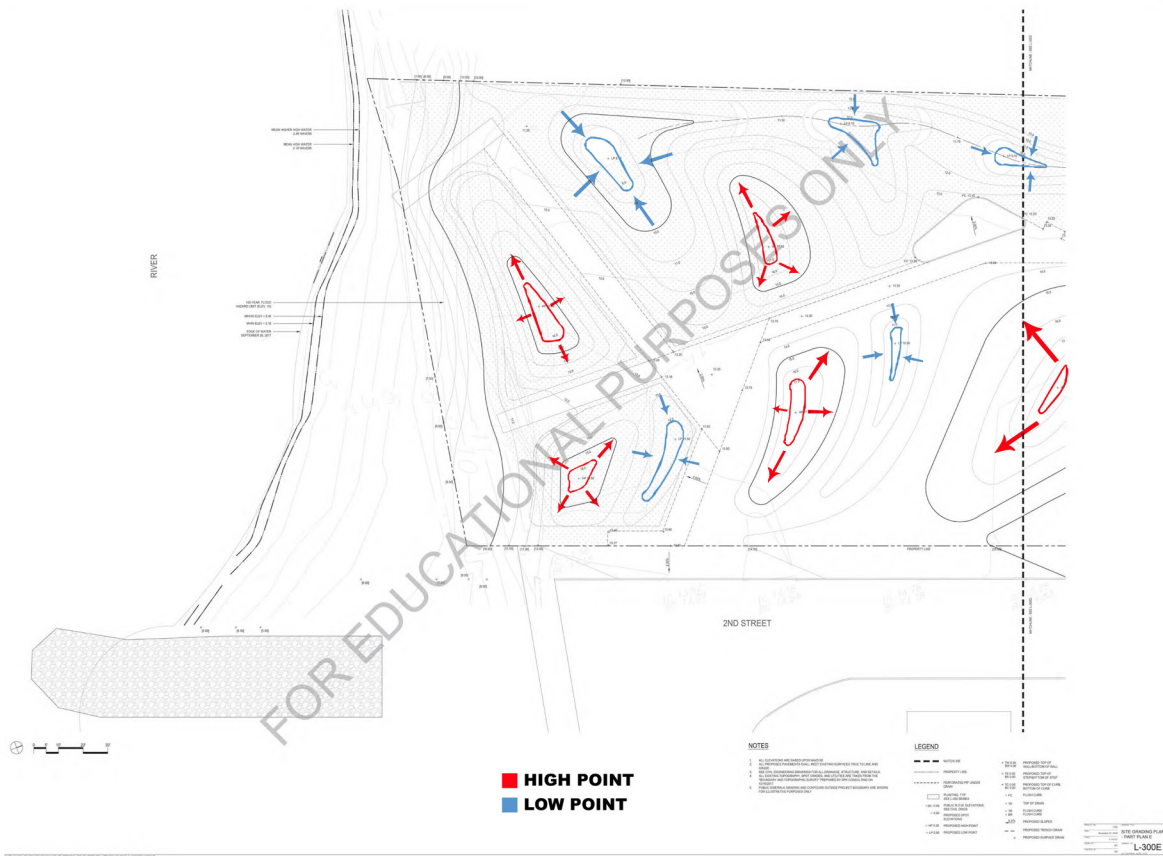


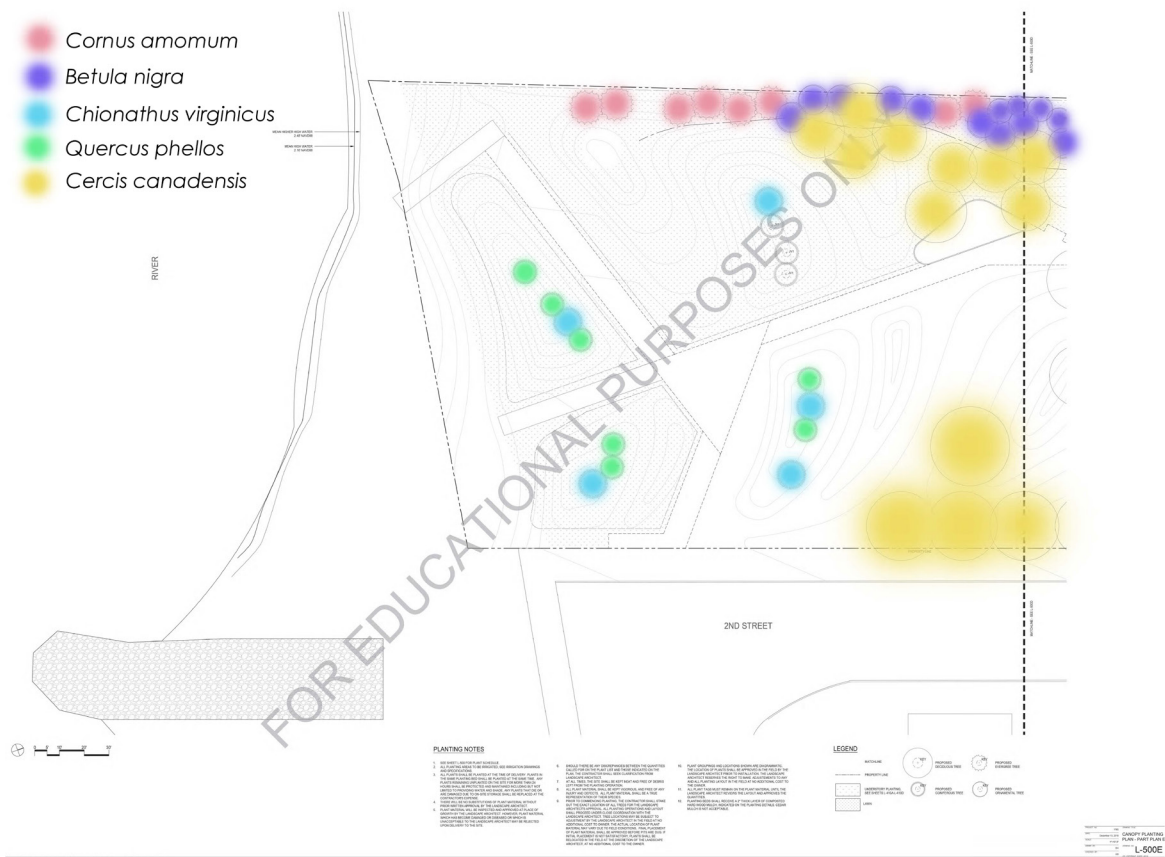
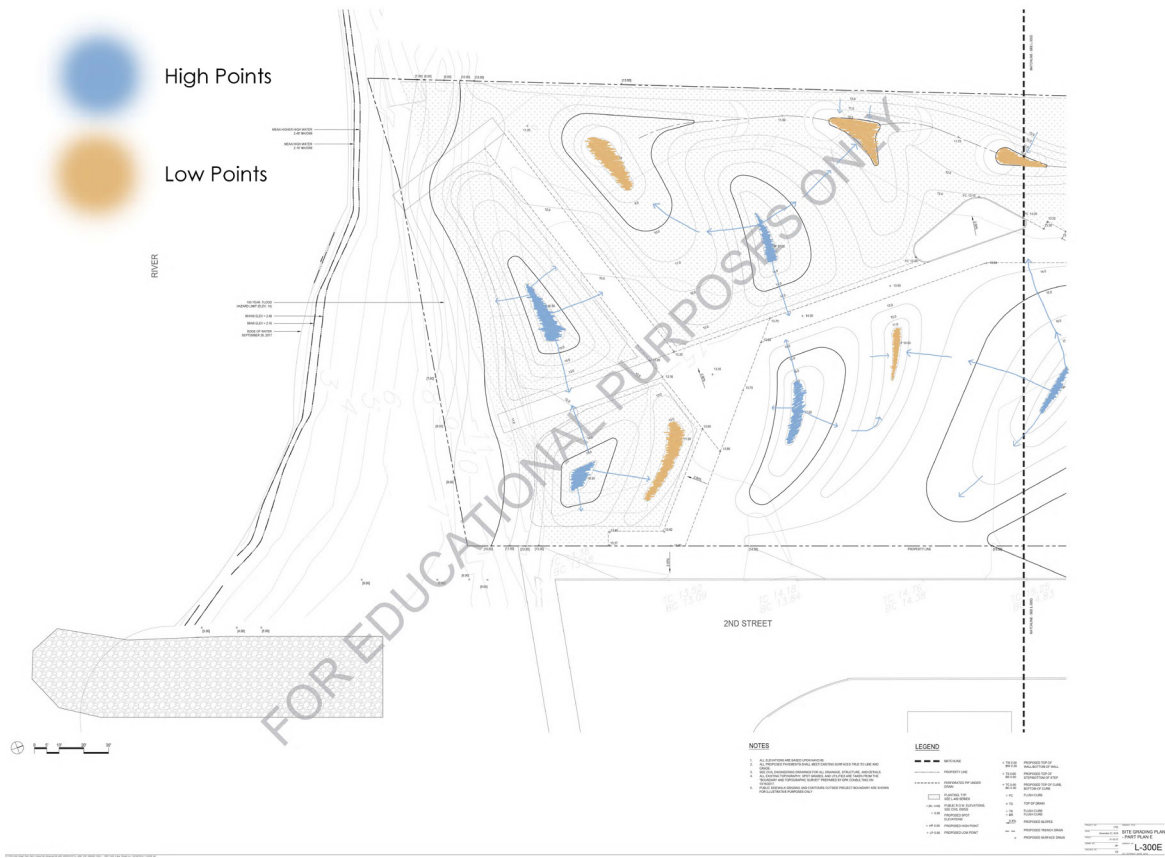
STUDENT WORK HIGH- Riparian Planting





Botanical Name	Common Name	Notes
TREE PLANTING LIST		
<i>Gordonia lasianthus</i>	Loblolly Bay	Small, evergreen tree that handles wet soils, unique white flowers that bloom July-Sept
<i>Liriodendron tulipifera</i>	Tulip Poplar	Large deciduous tree, handles wet and acidic soil really well, pioneer species, unique blossoms
<i>Pinus taeda</i>	Loblolly Pine	Coniferous tree, handles wet soil, meadow tree so does well towering over shrubs and other plants
<i>Halesia carolina</i>	Carolina Silverbell	Ornamental tree, nice yellow fall color, bell-shaped flower blooms in May, mixes well with evergreens, attracts butterflies and hummingbirds
UNDERSTORY PLANTING LIST		
<i>Iris versicolor</i>	Blue Flag Iris	Fleshy plant with violet/blue flower (blooms May-June), adds a pop of color, tolerates wet soil very well (can be in water)
<i>Hydrangea arborescens</i>	Smooth Hydrangea	Suckering shrub, white/light green flowers that last til winter
<i>Calycanthus floridus</i>	Carolina Allspice	Deciduous spreading shrub, small red flower (unique), will add a pop of color, bright yellow/gold fall color, can tolerate wet soil
<i>Ilex verticillata</i>	Winterberry Holly	Deciduous shrub with red/orange berries that last during the winter, likes acidic and wet soil, berries will provide color during winter months, dark green leaves that contrast color
<i>Clethra alnifolia</i>	Sweet Pepperbush	White flowers that point upwards, suckering shrub, likes wet clay and acidic soil, dark green leaves
<i>Monarda didyma</i>	Bee Balm	Herbaceous, flowering plant, red flower in July-Aug, attracts pollinators, will look nice beside <i>Hydrangea arborescens</i>
<i>Halesia carolina</i>	Carolina Silverbell	Ornamental tree, nice yellow fall color, bell-shaped flower, attracts butterflies and hummingbirds, will look nice above shrubs
<i>Chasmanthium latifolium</i>	River Oats	Spreading grass, will add nice greenery to flowering shrub groups
<i>Panicum virgatum</i>	Switchgrass	Ornamental grass, suckers and spreads, creates pasture/meadow effect

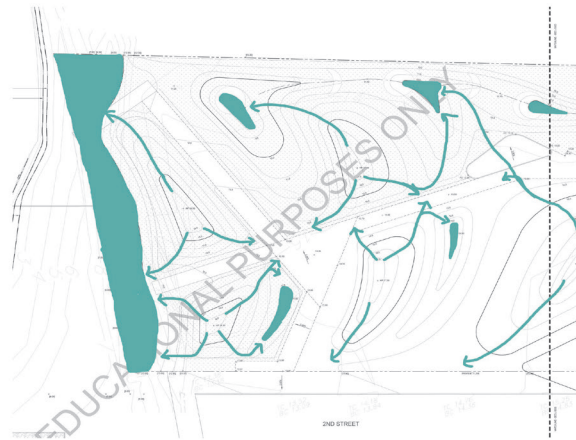






Botanical Name	Common name	Uses
<i>Betula nigra</i>	River Birch	Very good with low points, handles wet feet very well, bark brings a appealing texture
<i>Cornus amomum</i>	Silky Dogwood	Can handle full sun, prefers medium to wet soils, thrives in damp landscapes, pretty flowers in the spring
<i>Cercis canadensis</i>	Redbud	Can handle full sun, likes moist soils but it is adaptable to most soils in different locations, beautiful pink flowers when in season
<i>Quercus phellos</i>	Willow Oak	Adaptable to a variety of soils, can handle full sun, shade tree in a high land area could potentially be useful
<i>Chionathus virginicus</i>	White Fringe Tree	Can handle full sun, thrives in well drained soils (high points), interesting flowers and berries
<i>Clethra alnifolia</i>	Sweet Pepperbush	Handles full sun and part shade, thrives in high moisture areas, attracts bees, butterflies, and hummingbirds
<i>Chasmanthium latifolium</i>	River Oats	Low maintenance, does well in moist soils, good along streams as the water comes down the high points
<i>Iris versicolor</i>	Blue Flag Iris	Low maintenance, handles very moist areas well, can live submerged in water (marginal aquatic plant), handles full sun and part shade
<i>Monarda didyma</i>	Bee Balm	Can adapt from different types and moist levels of soil, provides a nice red color contrast, does well along ponds and streams
<i>Physostegia virginiana</i>	Obedient Plant	Good for mass planting, attracts a lot of hummingbirds, easily spreads its seeds to plant for the future, very pretty flowers
<i>Panicum virgatum</i>	Switchgrass	Occurs in wet and dry soils, very good in mass, found along stream banks, Switchgrass can tolerate occasional flooding
<i>Ilex glabra</i>	Inkberry	Can handle wet spaces, flood tolerant, native to wet woods so can thrive in areas with lots of moisture
<i>Ilex vomitoria</i>	Youpon Holly	Grows in average, medium, and wet soils, can handle drought well, red berries give a visual attraction to the plant
<i>Callicarpa americana</i>	American Beautyberry	Thrives in swampy woods and wet slopes, beautiful clumps of purple berries, attracts birds and butterflies, temperature tolerant

Water Flow



Tree Planting

- *Betula nigra*
- *Liriodendron tulipifera*
- *Pinus taeda*
- *Cornus amomum*



Perennial Planting

- A: *Iris versicolor*- good in very moist soils and likes full sun to part shade
- B: *Clethra alnifolia*- Good in very moist soils, but also handles drought, and is good for deterring erosion
- C: *Chasmanthium latifolium*- good along rivers and in part shade to full sun
- D: *Clethra alnifolia*- likes a lot of moisture, but can handle drought, and attracts pollinators
- E: *Aesculus parviflora*- handles full sun, and is low maintenance
- F: *Hydrangea arborescens*- good in massing and helps slow erosion
- G: *Monarda didyma*- does well planted near streams and provides color and interest
- H: *Iris versicolor*- is a somewhat aquatic plant
- I: *Physostegia virginiana*- does well in wet soils and helps prevent erosion

