AVL DESIGN-BUILD 2013
A project of the Asheville Design Center

NARRATIVE: PROJECT OVERVIEW

30 Riverside Drive
ten students, two instructors, one footbridge, in ten weeks

RIVER ARTS DISTRICT
The River Arts District is a vibrant area marked by a history of industry, craft, and community. Located along the French Broad River, and breached by a prominent railroad since 1879, it has been a central point of connectivity for years, drawing both people and industry to the area. Today, this history maintains an important role in the culture of the district, and provides a rich context for the project.

COMMUNITY
Our design aims to not only provide physical connectivity along the French Broad River, but also connectivity among communities, as a place that is well-used and incorporated into the life of the district.

This project holds a great opportunity to create a space that will engage Asheville’s many communities - including residents, artists, business owners and river lovers - and serve as a precedent for future bridges and placemaking projects.

follow our blog: www.avldesignbuild.wordpress.com
The bridge plays an important role in the implementation of the Wilma Dykeman Pland and development of the greenway in the River Arts District. The bridge will help to activate the space before construction of the larger plan begins.
VEGETATION: Trees and vegetation shape spaces of openness and enclosure, and define paths of movement. Dense vegetation along the stream, river bank, and throughout Jean Webb Park offer a shaded contrast to the open field on the south.

The vegetation along the stream currently obstructs physical and visual access to either side. The bridge will trespass this barrier.

MOVEMENT: With the construction of the bridge, pedestrians and cyclists will be able to follow a continuous path along the river.

NOISE: Noise from vehicular traffic on the Haywood Bridge and Riverside Drive penetrate the site.
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design influences: views

FRENCH BROAD RIVER

OPEN FIELD

JEAN WEBB PARK

SMOKESTACK

WEDGE STUDIOS, 12 BONES, CURVÉ, AND MORE
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precedents

MATERIALS + COMMUNITY INVOLVEMENT

How to bring RAD into the bridge?
CIRCULATION: The bridge will have a 14-foot thoroughfare for pedestrians and cyclists. Gathering areas on either side of the bridge will help to further activate the space and transition to the landscape.

SEATING: Benches (dark brown) will line one edge of the bridge, providing places to rest and view the river. The dynamic shape of the benches will not only create various seating options, but also allude to the organic movement of the river.

RIB SYSTEM: An exterior system of undulating ribs will cradle the bridge, creating guardrails and handrails. The ribs will rise up to create a canopy over the benches, and open along the river-facing edge to facilitate views toward the river.

Retaining walls will create steps in the downward-sloping land, providing additional seats and another point of access to the bridge.
*PLEASE NOTE: Final structural details, connections, bracings, etc. are currently being worked out with the design team, the structural engineer, and a metal fabricator. These sketches are ideas in progress.*
COMMUNITY-DRIVEN DESIGN
The design will be shaped from start to finish by input from the community. Through conversations, public events, and close work with residents and organizations, we hope to create a bridge that embodies the past, present, and future values of this community.
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WEEK 1
June 17: SUBMIT PERMIT DRAWINGS

WEEK 10
August 2: BRIDGE COMPLETE. PARTY!!!

process

- study models
- collaborative design
- community meetings
- full-scale mock-ups
- site preparation

- community events
- foundation work
- primary spanning elements
- offsite fabrication
- secondary elements

BEGIN CONSTRUCTION

RECEIVE PERMITS?!?