

Design Criteria Matrix

Steelyard Commons site

Ohio and Erie Canalway Towpath Trail Extension

Cleveland, Ohio

SuperOrg.net

	(G)LOCAL ASPECTS	BEHAVIORAL ASPECTS	REMEDICATION	CO-GENERATION	INNOVATION	HISTORIC INTERPRETATION	TRANSPORT/ CONVEYANCE	CIVIC ASPECTS	EXPERIENTIAL ASPECTS	EDUCATIONAL ASPECTS
ACCESS, ENTRY & EGRESS	Local hub of global commerce + distribution	towpath spurs, other new users at new SYC destination. Recreation, commercem commuter, highway		Harvard Junction user for SYC cardboard waste	hybrid enterprise at south entry	Up from the valley, view of SYC site, and beyond to Cleveland skyline	Service road issues at south end Elevation change at south endusers, flows, delivery & recycling	fork the road Get more frontage at out-parcel?	Elevation shift to sub-lime vista at south end of SYC. Cloverleaf or “exchange”	flows through natural/commercial/ industrial nexxus
PAVING SURFACES	create markets for re-use of local resource	service side of buildings along ‘chute’ models recycling behaviors	containment of soils, toxins	Steel/Aluminum industry participation in road renewal cycle	design for elimination of detrimental materials/methods	Choose + explicate-fly ash and steel slag composite paving	Embodied local heritage		placemaking, understanding of steel by-products, re-use potential aspaving + other	Relate to upcycling & downcycling, repurposing.
WATER MANAGEMENT		Exemplify relationship to domestic water management issues. Inscribe new behaviors.	green roofs run-off mitigation	End uses of water? articulate this flow.	SYC goodwill, public education on water mgmt.	Exemplify historic significance of “detention basins”		Community dialogue on water mgmt	riparian edge	Relate to domestic water mgmt & watershed story
PLANTINGS	Native Ohio species	Exemplify domestic planting opportunities & advantages. Inscribe new behaviors	Environmental recovery laboratory Accumulator plants at all scales	Properly chosen species thrive in alkilyne soil	SYC tenant green roofs visible from highway	Native Ohio species at all scales. Alkalyne tolerant species.	Plantings articulate the towpath trail segment through SYC	Shared bio-habitat	Kevin Zak ‘native forest’ experience for towpath	Plant ecology story
WAYFINDING	kiosk concepts	Interaction & behavioral design solutions inscribe new wayfinding options	schematic map of a.k.a. “detention basins” + underground storage system		speed bumps w/PDA sync	downloadable PDA knowledge base on local history	Bike sharing program	Innovative RTA transit waiting environments	Catalytic corridor	download botanical, local industrial data or GPS location
INTERACTION DESIGN	knowledge colony node	innovative RTA transit waiting environments “Cknowledge Ckolony”	remediation site interpretation via PDA modules.	co-generation interpretation via PDA modules.	alternative commerce, information access	speed bumps sync with interpretive sites + PDA towpath trail tours	Embedded technolgy for pedestrian, bike, vehicular traffic	interaction/information nodes at RTA stations	Gateways, thresholds. speed bumps, framed views at SYC, Harvard. Story embedded in materials, technologies, systems.	information bank, public library, govt. services, access point, etc
ECONOMIC REGENERATION	green bulkhead Alcoa, Mittel, Target, Walmart public programs	Low density urban lifestyles, urban agriculture & forestry	Harvard to SYC leg of towpath. Remediation interpretation sites	Create market inentives for idustrial cooperations eg. Zoo doo, methane capture, hedite, etc.	Waste = Food Innovative retail	New markets and applications for traditional industries and products.	Scenic Railroad	“I am part of this...” Local production and consumption, civic aspects.	Lifestly changes, amenities, eg. urban markets changing density	Urban agricultural education, river regeneration+ others. Green Cleveland story.

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