

COALESCING CATSKILL

THE COMING TOGETHER OF VILLAGE AND CREEK

MADI GAWITH + GARRETT CRAIG-LUCAS



ECOLOGY PROGRAM

WITH THE INTENTION OF ENERGIZING STREETS AND SPACES, CONNECTING RESIDENTS AND VISITORS WITH THE CREEK, AND EMBRACING RISING SEA LEVELS, COALESCING CATSKILL IS A VISIONARY PLAN FOR CATSKILL'S DOWNTOWN WATERFRONT. ALWAYS CONSIDERING THE EFFECTS OF CLIMATE CHANGE, THREE MAJOR STRATEGIES INFORM THE DESIGN: RESTORATION OF URBAN FORM, ELEVATION OF PROGRAM AREAS, AND CREATION OF WETLAND HABITAT.

PHASING

- OLD CONSTRUCTION
- NEW CONSTRUCTION
- CORRIDORS

ESTABLISH PROGRAM 2015

-Design around existing trail
-Establish program areas that support the long-term vision while working to improve current infrastructure and increase use

ENHANCE CORRIDORS 2020

-West: Move and elevate the road
-East: Define Water Street

EMBRACE ECOLOGY 2050

-Finalize habitat creation
-Large cuts will be taken from both banks of the creek side of the creek with the intention of serving a rich and diverse ecology

KEY:

- 1** MARKET + WETLAND WALK
- 2** OLD MILL SCULPTURE GARDEN
- 3** ADI PERFORMANCE PLAZA + PIER
- 4** BRIDGE OVERLOOK
- 5** KAYAK + BOAT LAUNCH
- 6** BLACK BRIDGE PLAZA
- 7** WETLANDS HABITAT
- 8** ELEVATED ROAD



0 50 100 200

ANALYSIS OF WATERFRONT CONDITIONS

CIRCULATION

- MAIN CORRIDOR
- SECONDARY CORRIDOR

FLOODING

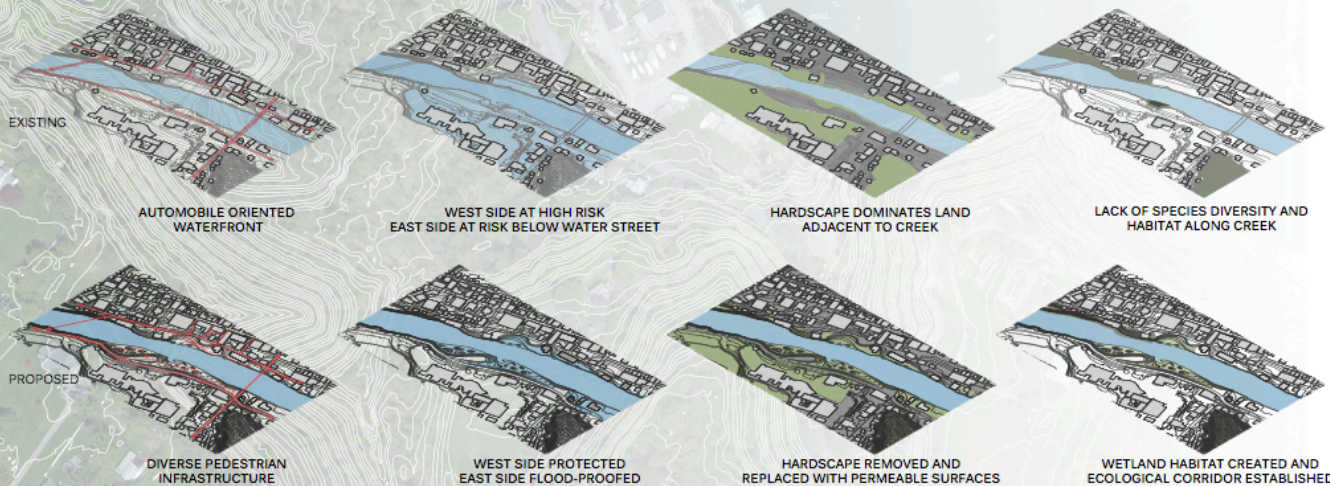
- FLOOD

LANDCOVER

- HARDSCAPE
- SOFTSCAPE

PLANT COMMUNITIES

- | EXISTING | PROPOSED |
|--------------------|---------------------|
| ■ WOODED AREA | ■ WOODED AREA |
| ■ INVASIVE SPECIES | ■ FLOODPLAIN FOREST |
| | ■ MARSHLAND |
| | ■ SAV |



WATER STREET MARKET + WETLAND WALK

THROUGH THE ESTABLISHMENT OF A MARKET, WETLAND WALK, AND STOREFRONTS, WATER STREET IS TRANSFORMED INTO AN ACTIVE PEDESTRIAN AND ECOLOGICAL CORRIDOR. THROUGH THE CREATION OF A PARKING GARAGE UP-SLOPE, VALUABLE LAND IS FREED ON THE CREEK FOR THE CREATION OF WETLANDS AND RECREATIONAL SPACE.

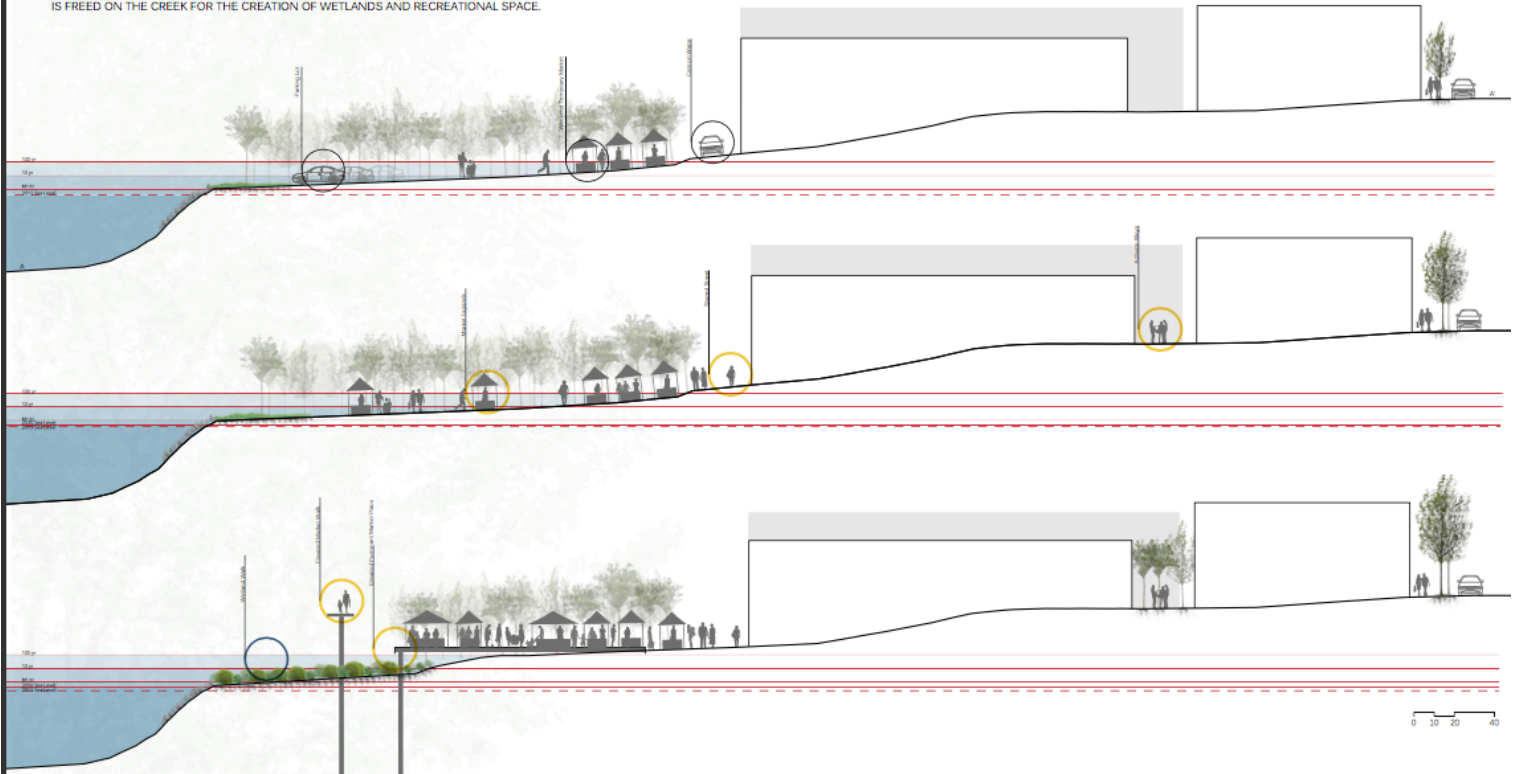
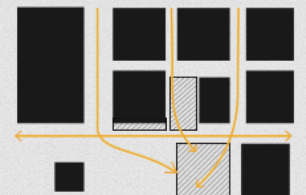


FIGURE GROUND: RECLAIMING THE URBAN FABRIC

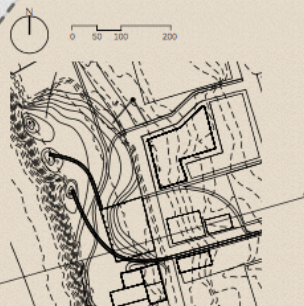
■ MASS □ PROGRAM → PEDESTRIAN CIRCULATION



CURRENT CONDITION: SPORADIC VOIDS
LACK OF DEFINITION OF SPACE AND CIRCULATION
SPATIAL ENVELOPE IS AMBIGUOUS

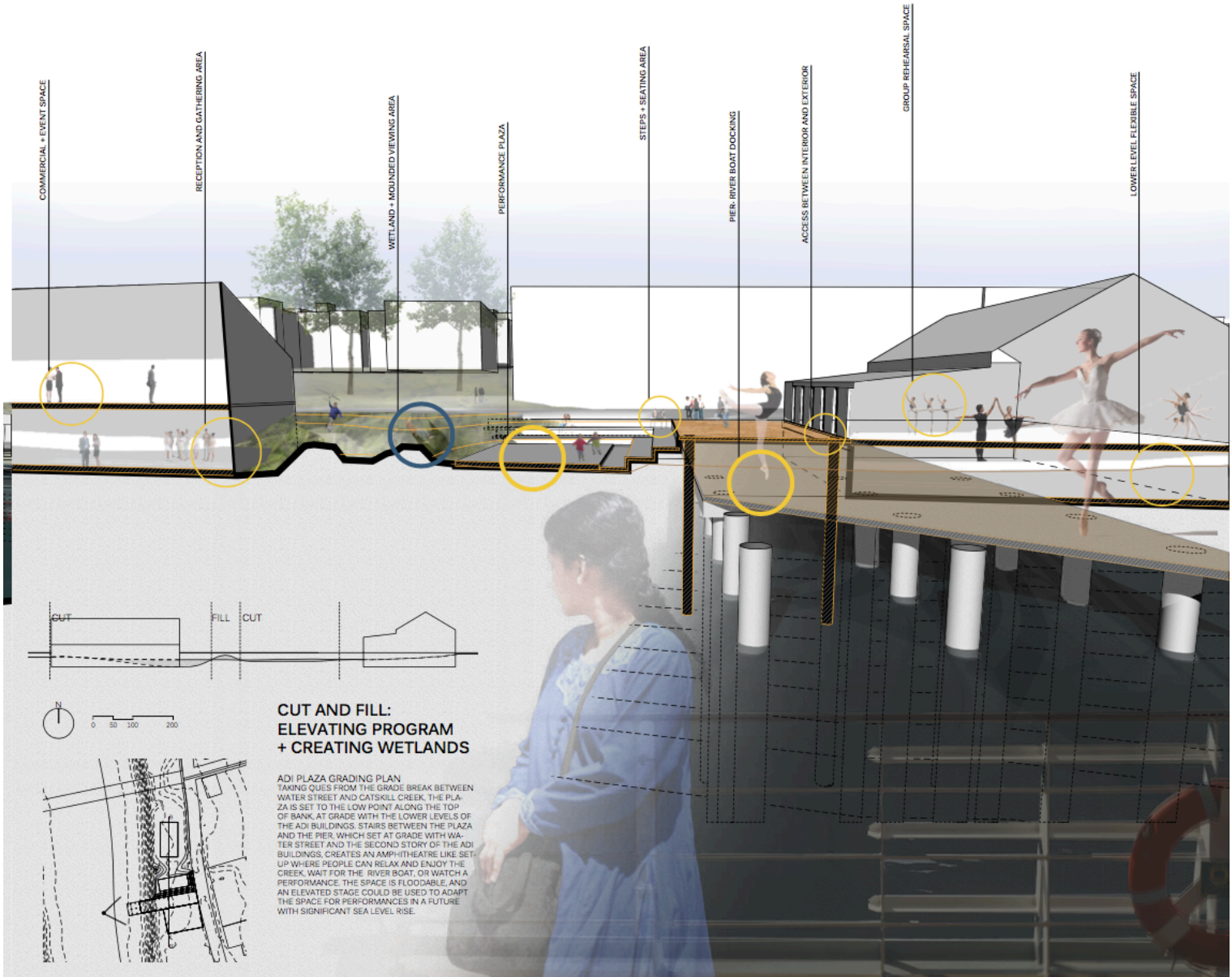
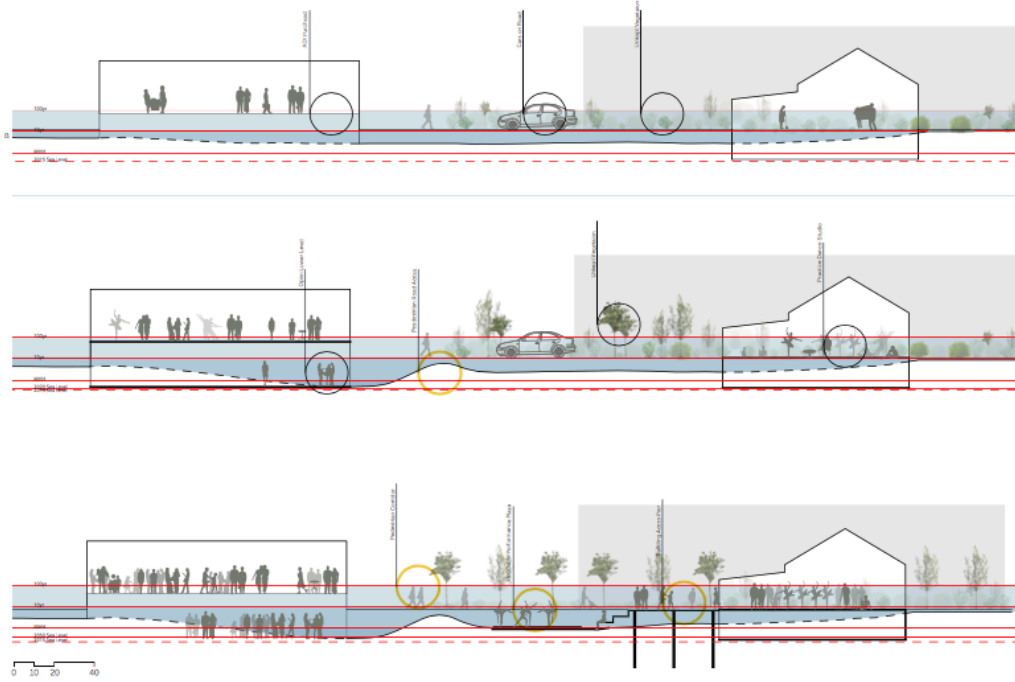


FUTURE CONDITION: REDEFINED SPACE
RESTORATION OF TYPICAL URBAN MORPHOLOGY ENHANCING
THE PLEASANT SENSE OF COMPRESSION AND EXPANSION



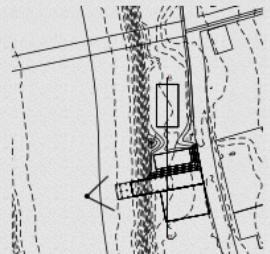
ADI PIER + PERFORMANCE PLAZA

WITH THE AMERICAN DANCE INSTITUTE OCCUPYING NUMEROUS BUILDINGS ON THE SOUTHERNMOST END OF WATER STREET, A PIER AND PERFORMANCE PLAZA WILL SERVE AS A KEY COMMUNITY EVENT SPACE. THE NEW SPACE WILL CELEBRATE THE UNIQUE LOCATION ON THE DYNAMIC CATSKILL CREEK, THE ARTS, AND THE COMMUNITY.



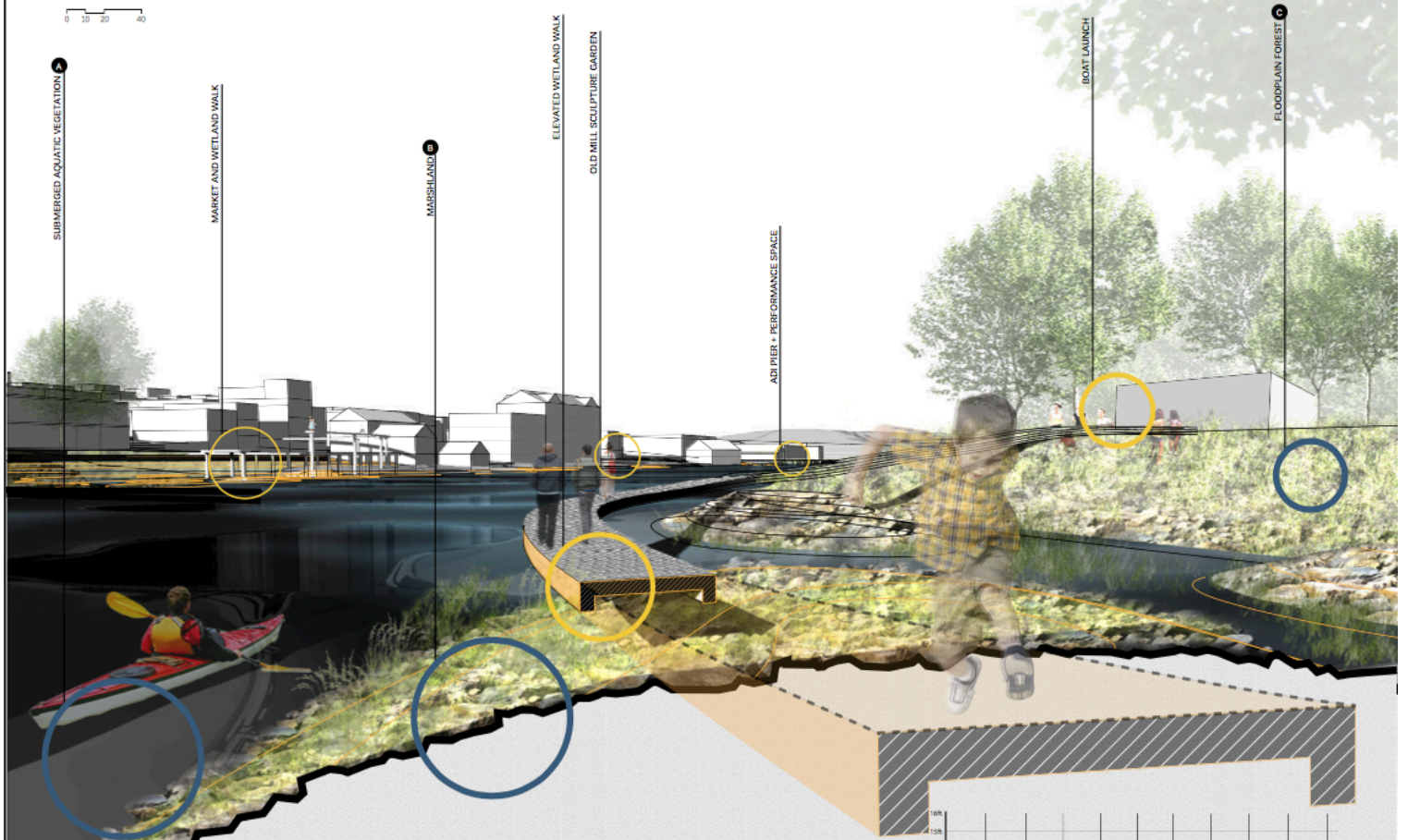
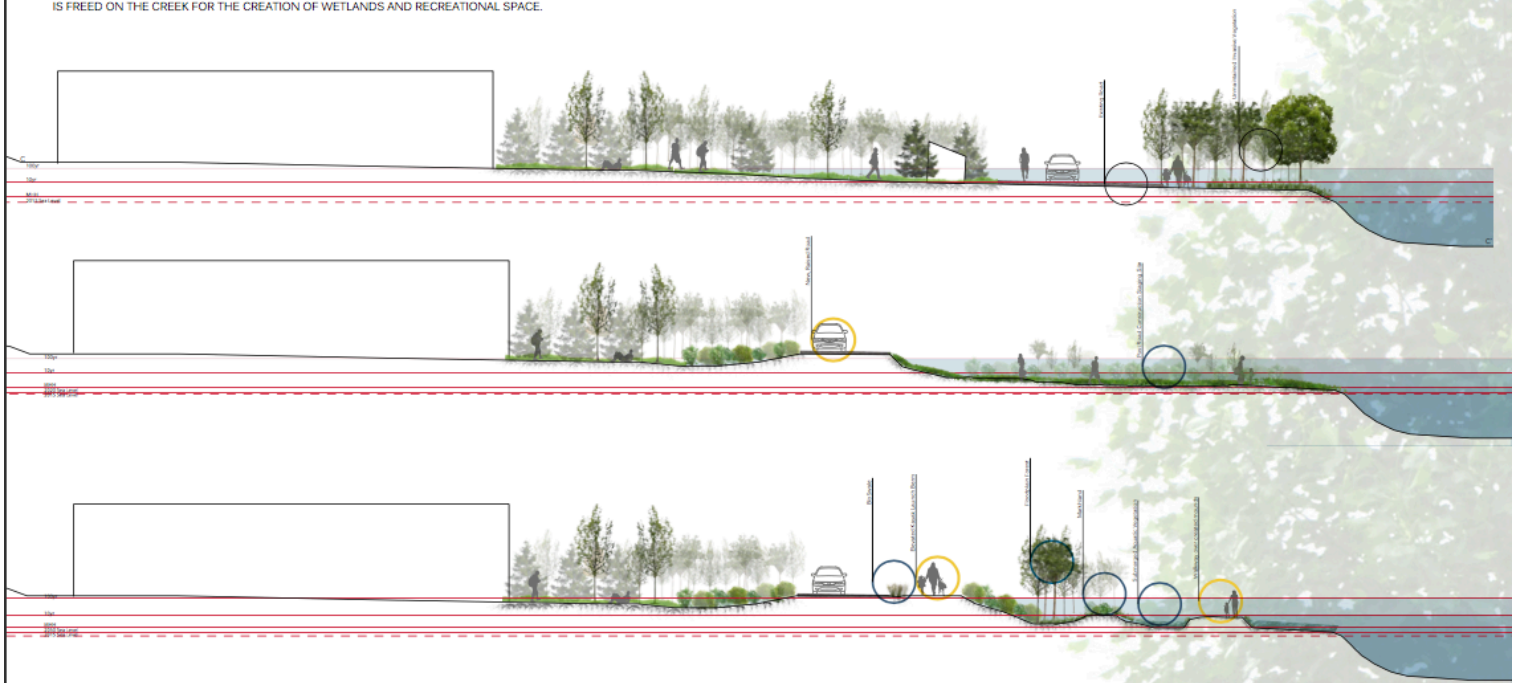
CUT AND FILL: ELEVATING PROGRAM + CREATING WETLANDS

ADI PLAZA GRADING PLAN
TAKING CUES FROM THE GRADE BREAK BETWEEN WATER STREET AND CATSKILL CREEK, THE PLAZA IS SET TO THE LOW POINT ALONG THE TOP OF BANK AT GRADE WITH THE LOWER LEVELS OF THE ADI BUILDINGS. STAIRS BETWEEN THE PLAZA AND THE PIER, WHICH SET AT GRADE WITH WATER STREET AND THE SECOND STORY OF THE ADI BUILDINGS, CREATES AN AMPHITHEATRE LIKE SET UP WHERE PEOPLE CAN RELAX AND ENJOY THE CREEK, WAIT FOR THE RIVER BOAT, OR WATCH A PERFORMANCE. THE SPACE IS FLOODABLE AND AN ELEVATED STAGE COULD BE USED TO ADAPT THE SPACE FOR PERFORMANCES IN A FUTURE WITH SIGNIFICANT SEA LEVEL RISE.



WEST BANK BOAT LAUNCH + WETLANDS

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WETLAND CREATION: ESTABLISHING RIPARIAN ECOSYSTEMS

- A SUBMERGED AQUATIC VEGETATION:**
provides habitat for spawning fish. Vegetation consists of herbaceous plants that are mostly, if not completely submerged. Species include: Curly Pondweed, Water Celery, Water Chestnut, Clipping Leaf Pondweed.
- B MARSHLAND:**
provides habitat for birds and mammals. Vegetation mostly consists of grasses and small herbaceous plants. Species include: Cattail, Arrow Arum, Wild Rice, Bulrush, Pickerel Weed.
- C FLOOD PLAIN FOREST:**
provides habitat for birds and mammals. Vegetation consists of wet tolerant trees, grasses and other small herbaceous plants. Species include: Silver Maple, Green Ash, Buttonbush, Bluepoint Grass, Swamp Buttercup.

