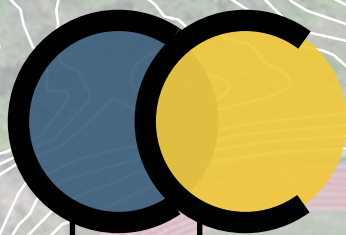


COALESCING CATSKILL

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:

- EAST
- 1 MARKET + WETLAND WALK
 - 2 OLD MILL SCULPTURE GARDEN
 - 3 ADI PERFORMANCE PLAZA + PIER
- WEST
- 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

WOODED AREA
INVASIVE SPECIES

PROPOSED

WOODED AREA
FLOODPLAIN FOREST
MARSHLAND
S.A.V.

EXISTING

AUTOMOBILE ORIENTED WATERFRONT

PROPOSED

DIVERSE PEDESTRIAN INFRASTRUCTURE

WEST SIDE AT HIGH RISK
EAST SIDE AT RISK BELOW WATER STREET

WEST SIDE PROTECTED
EAST SIDE FLOOD-PROOFED

HARDSCAPE DOMINATES LAND ADJACENT TO CREEK

HARDSCAPE REMOVED AND REPLACED WITH PERMEABLE SURFACES

LACK OF SPECIES DIVERSITY AND HABITAT ALONG CREEK

WETLAND HABITAT CREATED AND ECOLOGICAL CORRIDOR ESTABLISHED

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.



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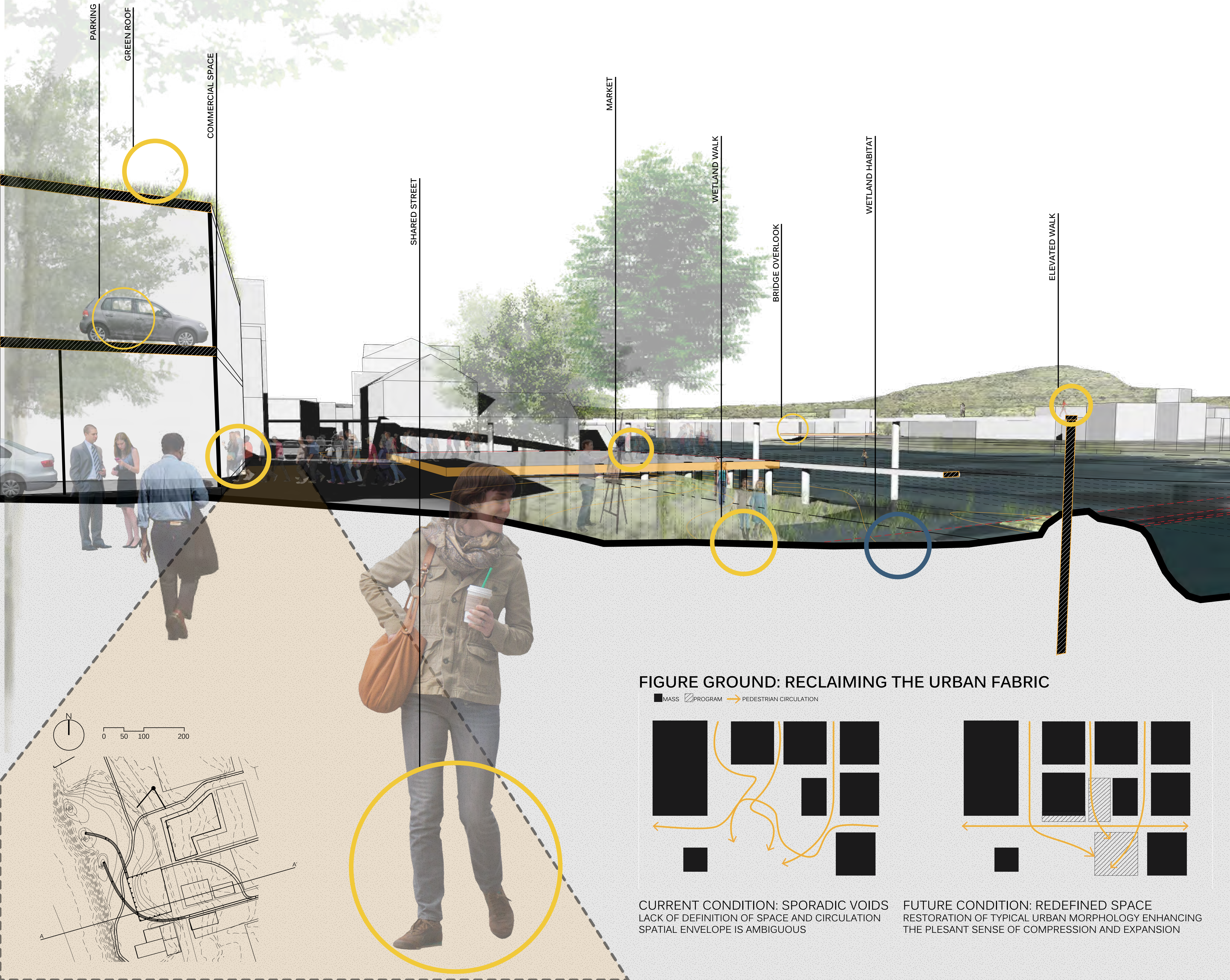
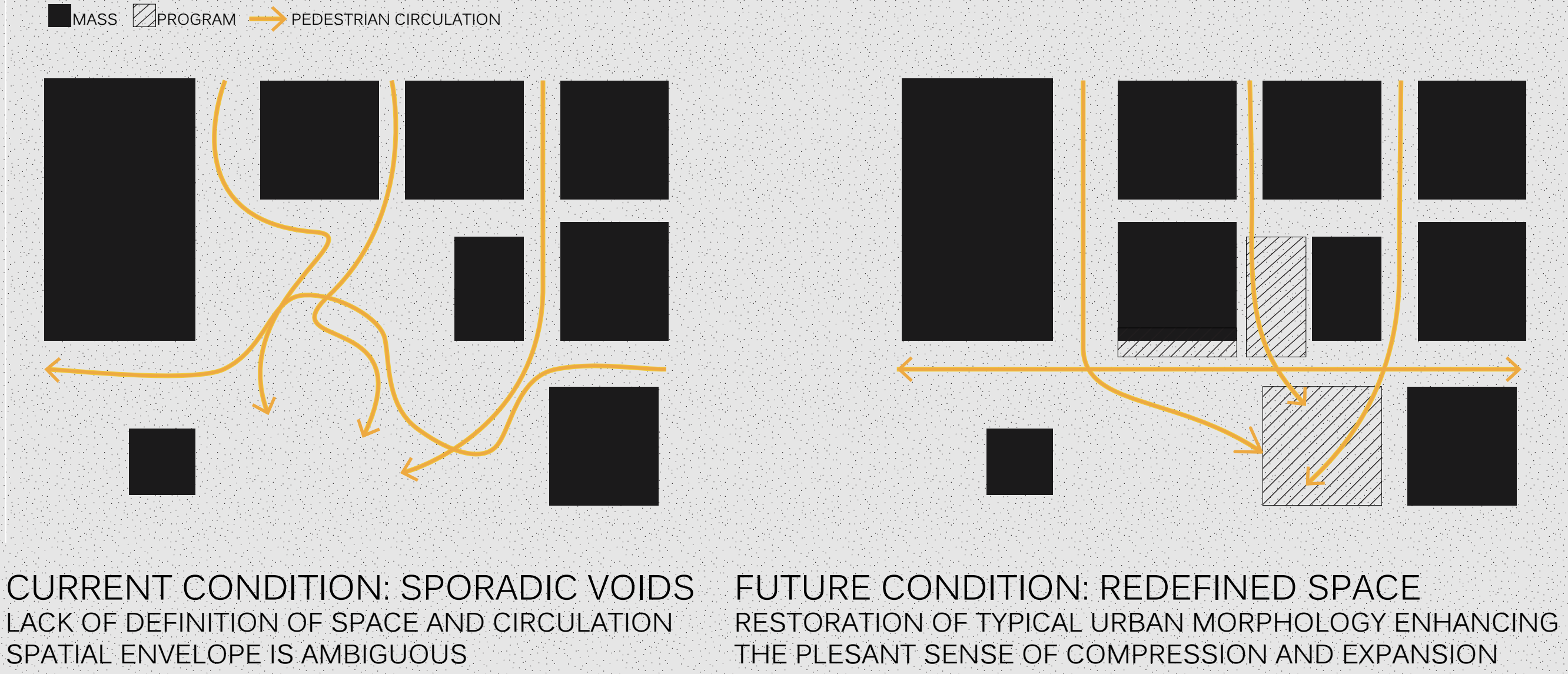
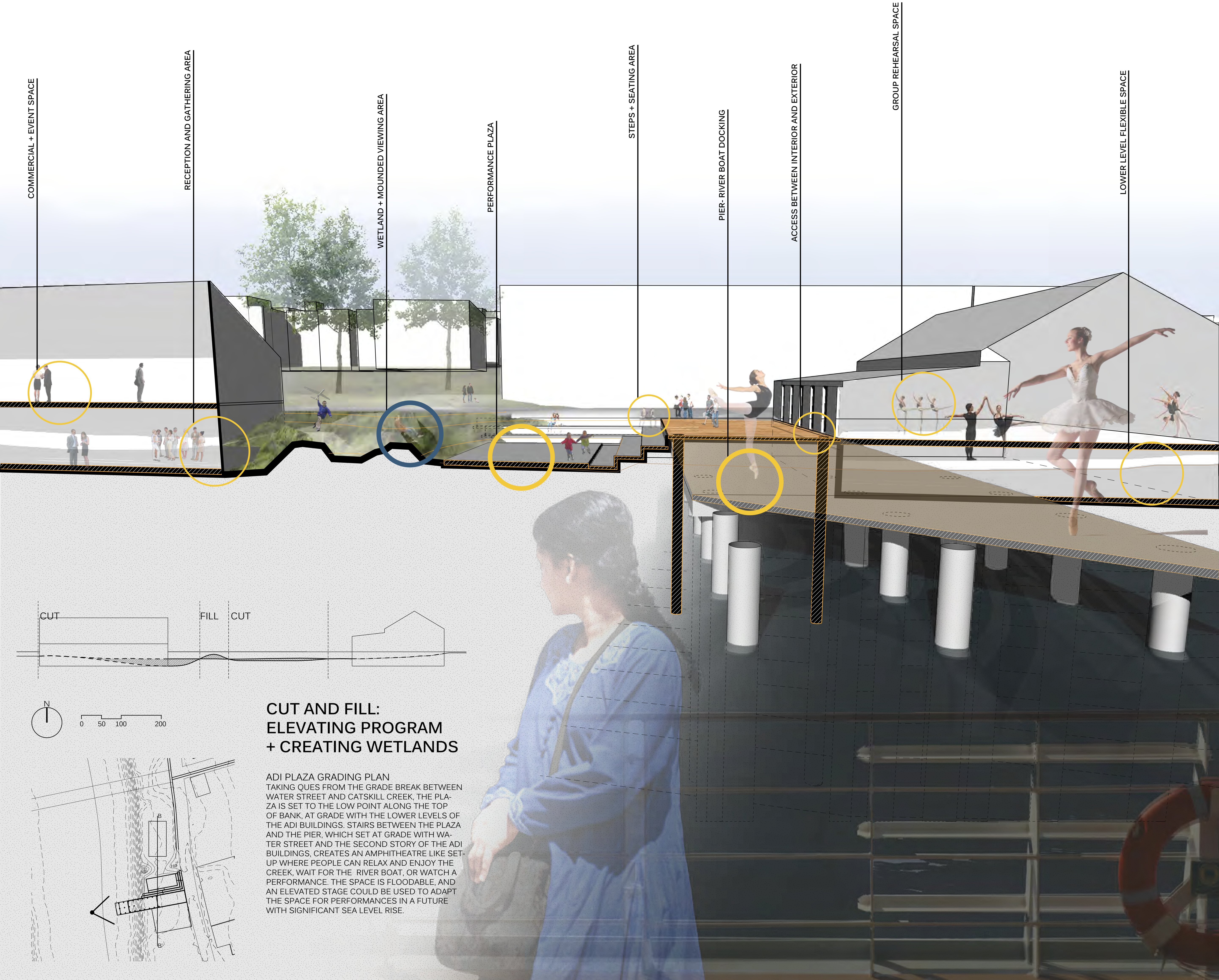
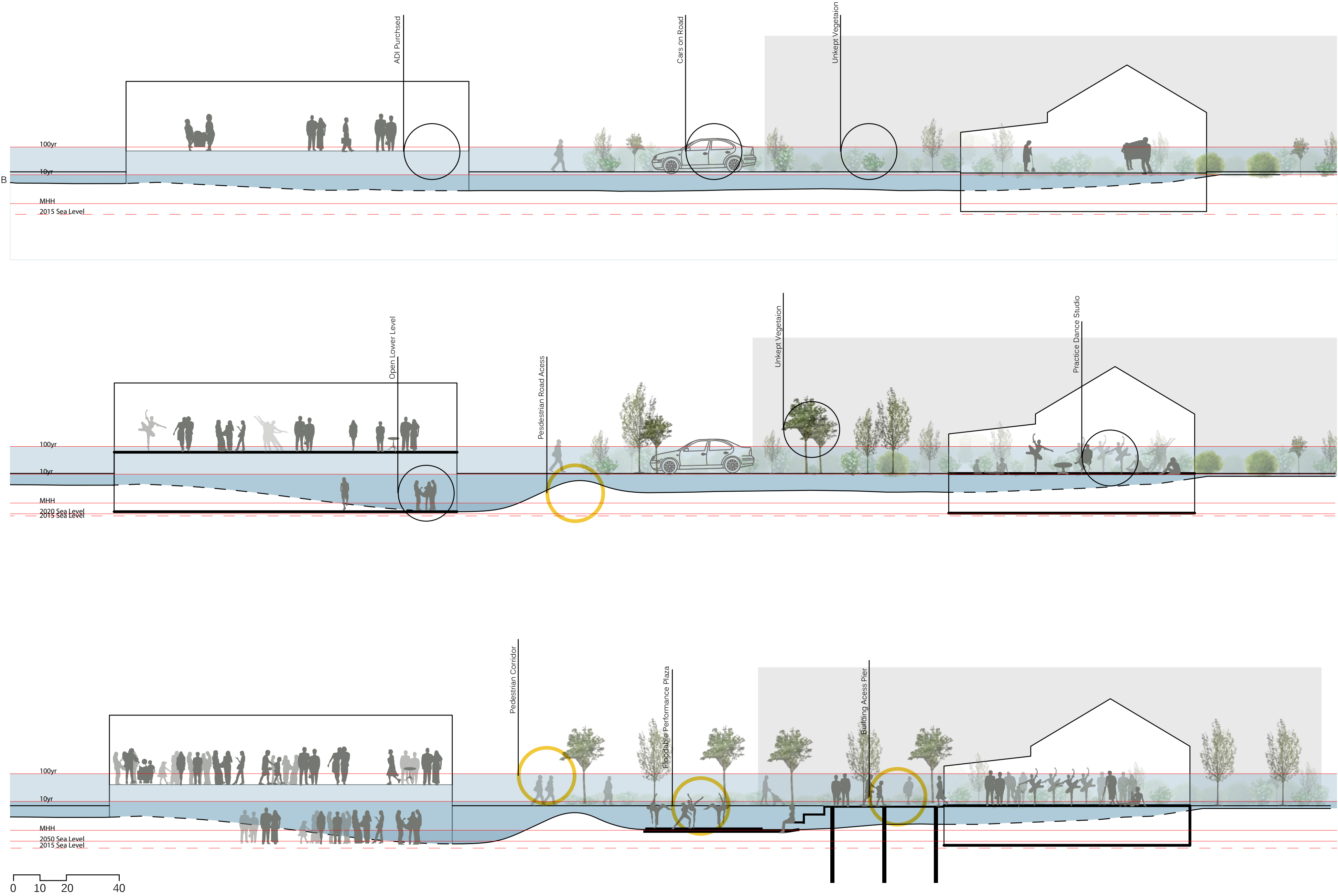


FIGURE GROUND: RECLAIMING THE URBAN FABRIC



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.

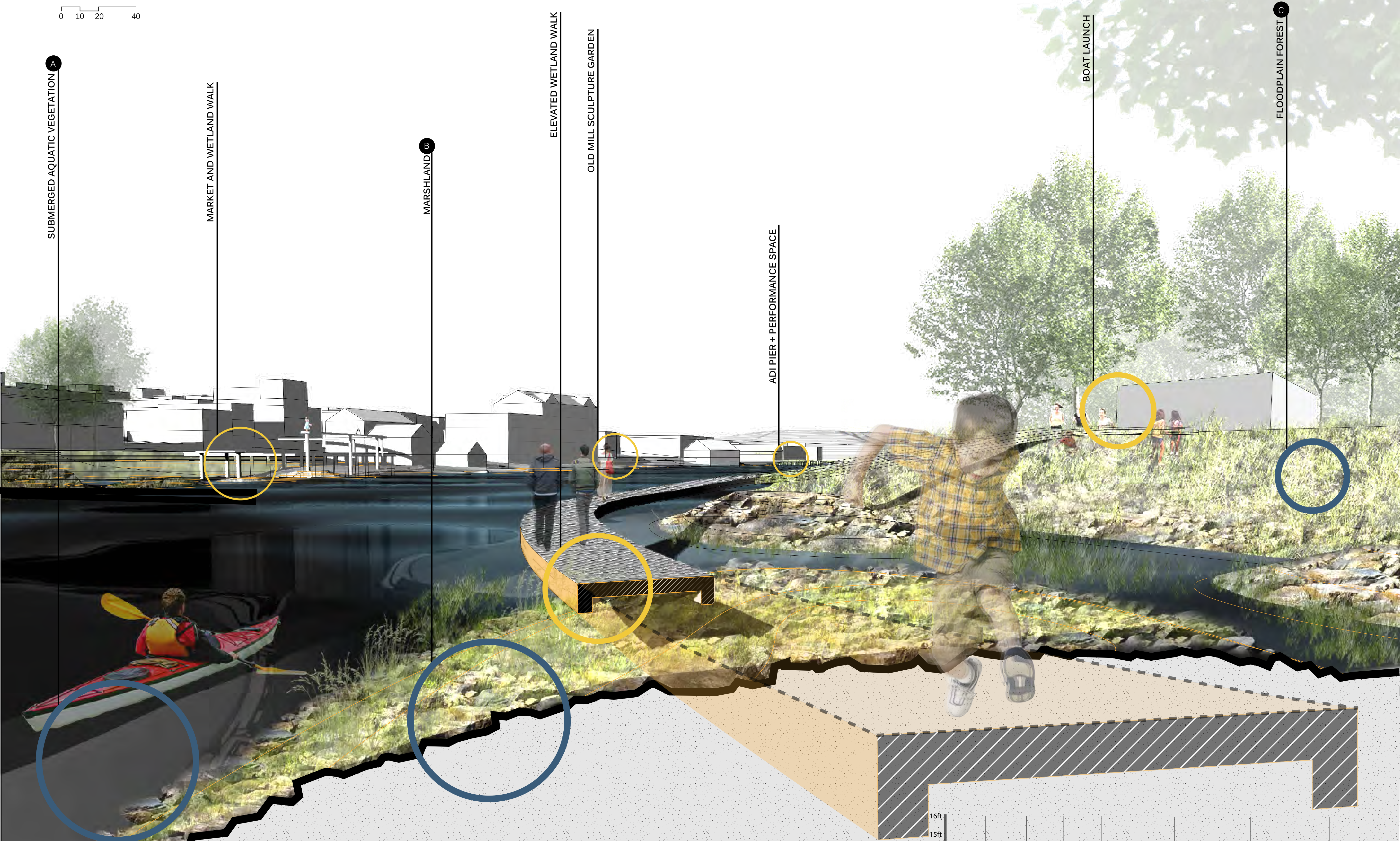
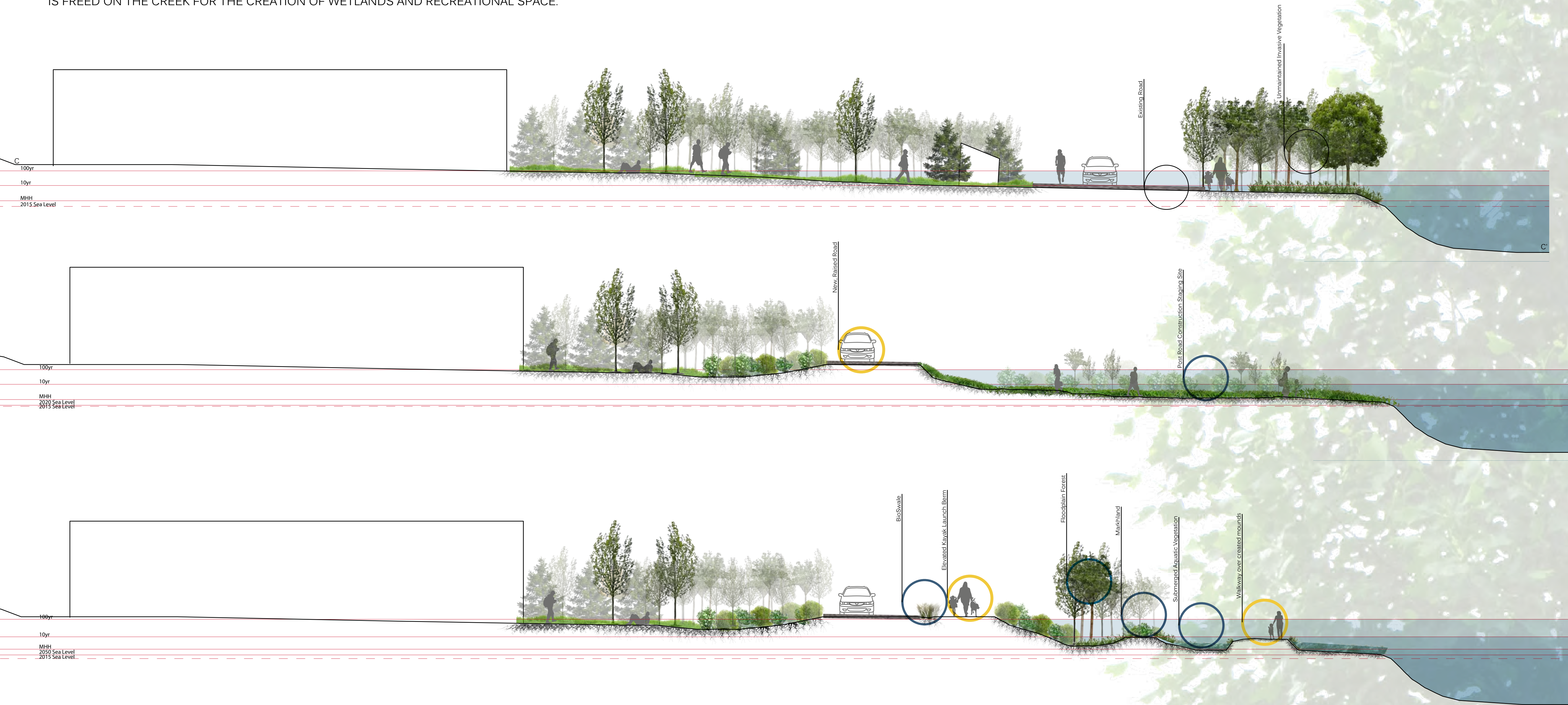


CUT AND FILL: ELEVATING PROGRAM + CREATING WETLANDS

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

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.



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, Clasp 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, Bluejoint Grass, Swamp Buttercup.

