



SOUTH PARK



City of New York
Parks & Recreation

Construction of a Portion of South Park
at Fresh Kills Park, Staten Island

fo field operations
Parks Capital Design



***FRESHKILLS PARK
FIRST PHASE OF SOUTH PARK***

- ***FRESHKILLS PARK CONTEXT***
- ***SOUTH PARK EXISTING CONDITIONS***
- ***PROJECT OPPORTUNITIES & CONSTRAINTS***
- ***WALK THROUGH SOUTH PARK DESIGN***

FRESH KILLS LANDFILL 1948-2001



NEW JERSEY

ARTHUR KILL

WEST SHORE EXPRESSWAY

NORTH MOUND

EAST MOUND

SOUTH MOUND

WEST MOUND

FRESHKILLS PARK 2,200 ACRES



TRAVIS
COMMUNITY

WILLIAM T. DAVIS
WILDLIFE REFUGE

NEW
JERSEY

NORTH
PARK

EAST
PARK

STATEN
ISLAND
MALL

ISLE OF
MEADOWS

CONFLUENCE

LATOURETTE
PARK

ARTHUR
KILL

SOUTH
PARK

WEST
PARK

ARDEN
HEIGHTS
COMMUNITY

ARDEN
HEIGHTS
WOODS

0

1 MILE



MASTER PLAN GOALS FOR FRESHKILLS PARK

1. KEEP BIG AND ELEMENTAL



MASTER PLAN GOALS FOR FRESHKILLS PARK
2. RESTORE ITS ECOLOGICAL SYSTEMS



MASTER PLAN GOALS FOR FRESHKILLS PARK

3. CREATE EXTRAORDINARY SETTINGS FOR A DIVERSE MIX OF USES

FRESHKILLS PARK 2,200 ACRES



TRAVIS
COMMUNITY

WILLIAM T. DAVIS
WILDLIFE REFUGE

NEW
JERSEY

NORTH
PARK

EAST
PARK

STATEN
ISLAND
MALL

ISLE OF
MEADOWS

CONFLUENCE

ARTHUR
KILL

LATOURETTE
PARK

WEST
PARK

SOUTH
PARK

ARDEN
HEIGHTS
WOODS

ARDEN
HEIGHTS
COMMUNITY

0

1 MILE

FRESHKILLS PARK EARLY PROJECTS

NORTH PARK PROJECTS

SCHMUL PARK

NORTH PARK PHASE 1

NORTH PARK WETLAND RESTORATION

NORTH PARK

YUKON ROAD

WEST SHORE EXPRESSWAY OFFRAMPS / SERVICE ROADS

BIKE PATH

SOUTH PARK
425 ACRES

FUTURE BIKE PATH



FRESHKILLS PARK NORTH PARK EARLY PROJECTS



VIEWING TOWER



SEED FARM



SCHMUL PLAYGROUND



WETLAND RESTORATION



WETLAND RESTORATION

FRESHKILLS PARK EARLY PROJECTS

SOUTH PARK PROJECTS



WEST SHORE EXPRESSWAY
OFFRAMPS / SERVICE ROADS

YUKON ROAD

BIKE PATH

DIGGER SIGN

SOUTH PARK
425 ACRES

WSE PARKING LOT

MILLION TREE
SITE

OWL HOLLOW FIELDS

ARTHUR KILL
PARKING LOT

FUTURE
BIKE PATH

FRESHKILLS PARK SOUTH PARK EARLY PROJECTS



SOUTH PARK 425 ACRES

PHASE ONE 20 ACRES



SCHMUL PARK

NORTH PARK WETLAND RESTORATION

NORTH PARK PHASE 1

YUKON ROAD

WEST SHORE EXPRESSWAY OFFRAMPS / SERVICE ROADS

BIKE PATH

EXCAVATOR SIGN

PHASE ONE

WSE PARKING LOT

MILLION TREES

OWL HOLLOW FIELDS

ARTHUR KILL PARKING LOT

FUTURE BIKE PATH

FIRST PHASE GOALS FOR SOUTH PARK - 20 ACRES

1. PROVIDE ACTIVE & PASSIVE RECREATION
2. EXPERIENCE VARIETY OF EXTRAORDINARY SETTINGS



FIRST PHASE
20 ACRES

CONTEXT & BOUNDARIES - LOOKING NORTHWEST



NEW JERSEY

WEST MOUND

WESTSHORE EXPRESSWAY

LITTLE
SOUTH MOUND

NORTH MOUND

EAST MOUND

BIG
SOUTH MOUND

ARTHUR KILL
ROAD

RICHMOND
CREEK

ARDEN
HEIGHTS

ARTHUR KILL
ROAD

CONTEXT & BOUNDARIES - LOOKING NORTHEAST



WILLIAM T. DAVIS
WILDLIFE REFUGE

NORTH MOUND

EAST MOUND

MAIN CREEK

FRESH KILLS CREEK

LITTLE
SOUTH MOUND

RICHMOND CREEK

BIG
SOUTH MOUND

WEST MOUND

WESTSHORE EXPRESSWAY



NEW PROGRAM



NEW CIRCULATION



NEW HABITAT



soil cover



surface water



impermeable liner



gas extraction network



liquid collection and containment



150 million tons of waste



wetland prior to 1948



OPPORTUNITIES & CONSTRAINTS

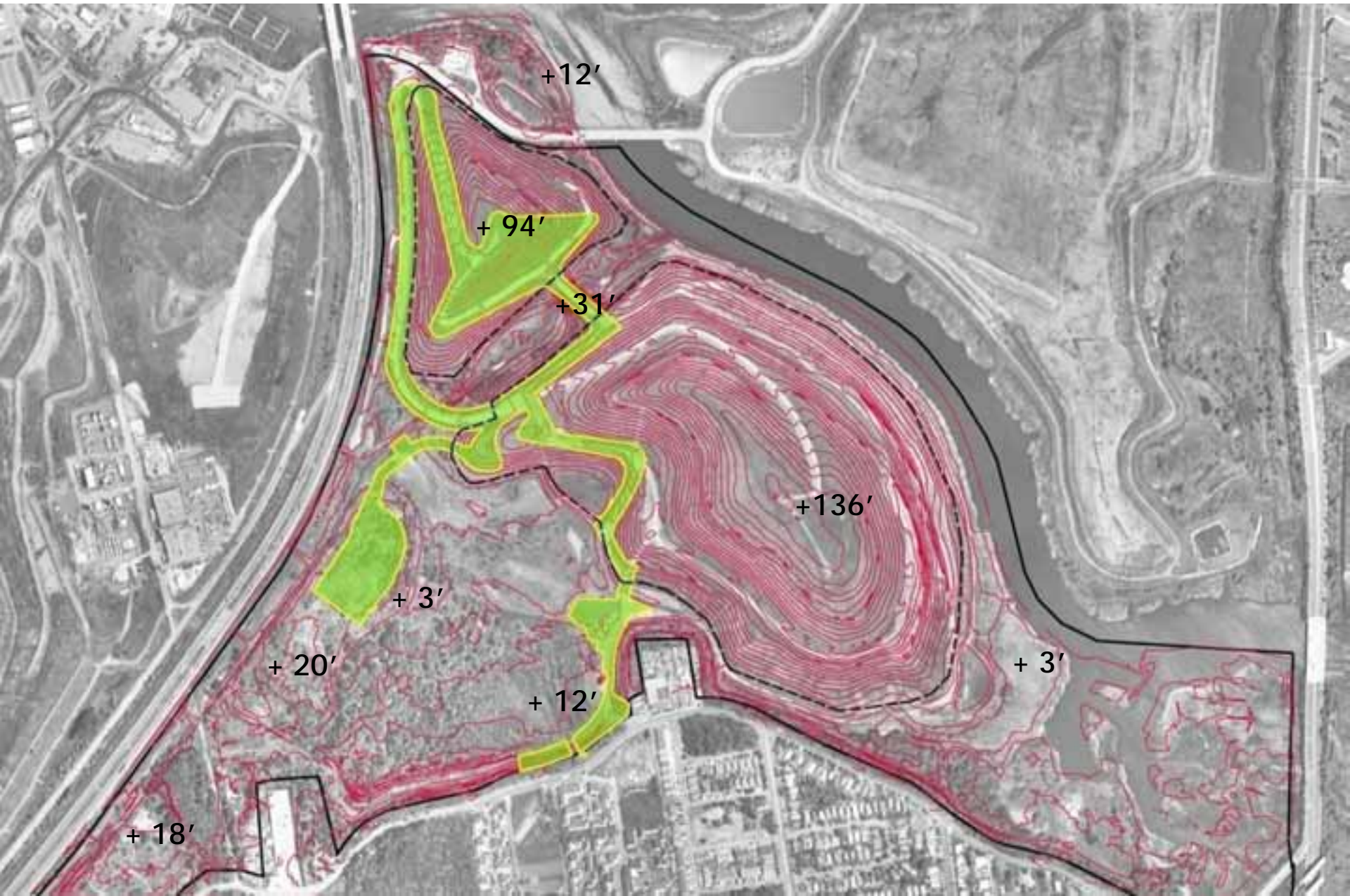
LANDFILL INFRASTRUCTURE

- LANDFILL GAS PIPE & WELLS
- LANDFILL GAS VENT TRENCH
- - - - LANDFILL CAP



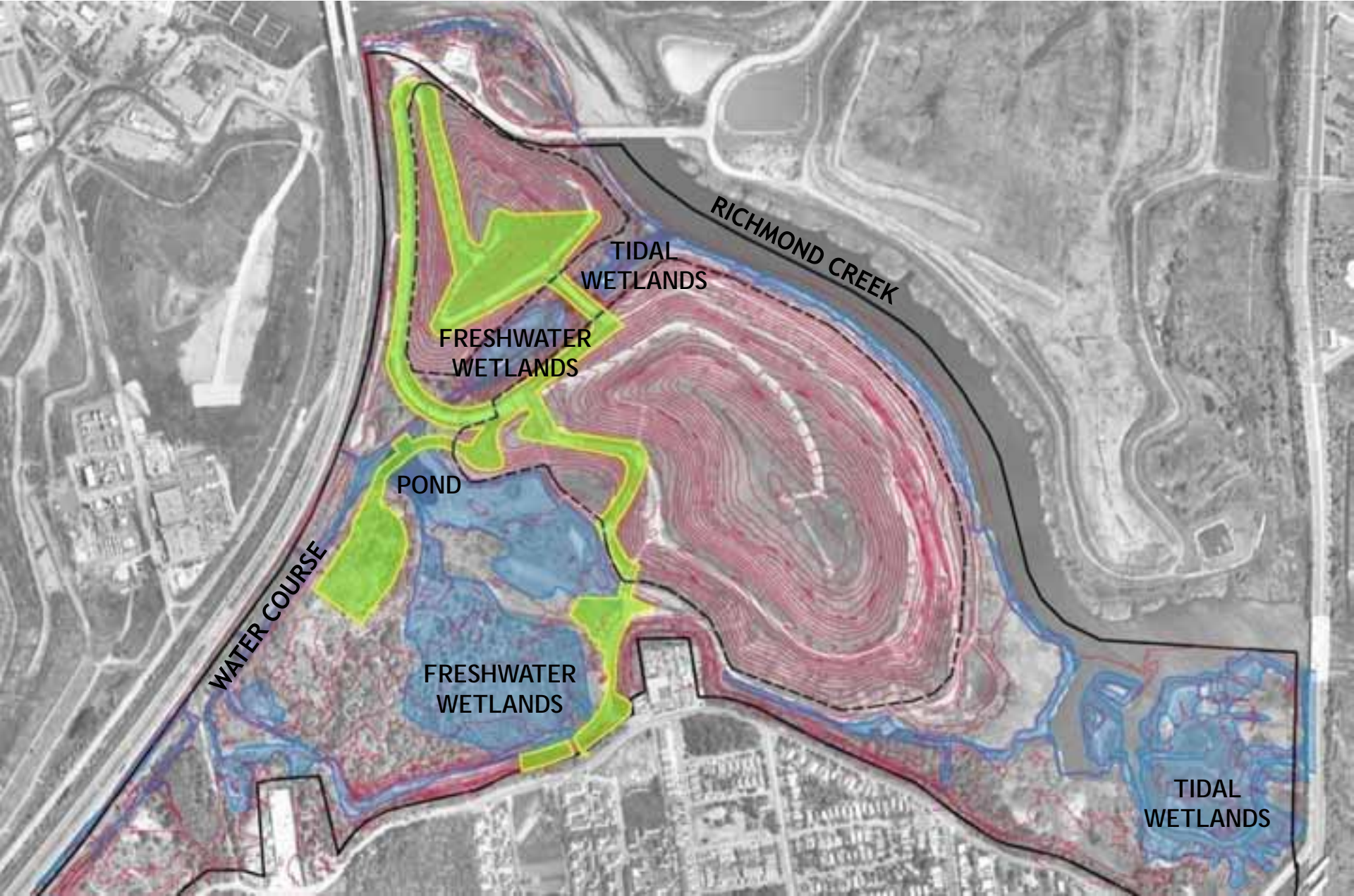
OPPORTUNITIES & CONSTRAINTS

TOPOGRAPHY & VIEWS



OPPORTUNITIES & CONSTRAINTS

WETLANDS



OPPORTUNITIES & CONSTRAINTS

VEGETATION & WILDLIFE



WOODLAND



SCRUBLAND



GRASSLAND



WETLANDS

OPPORTUNITIES & CONSTRAINTS

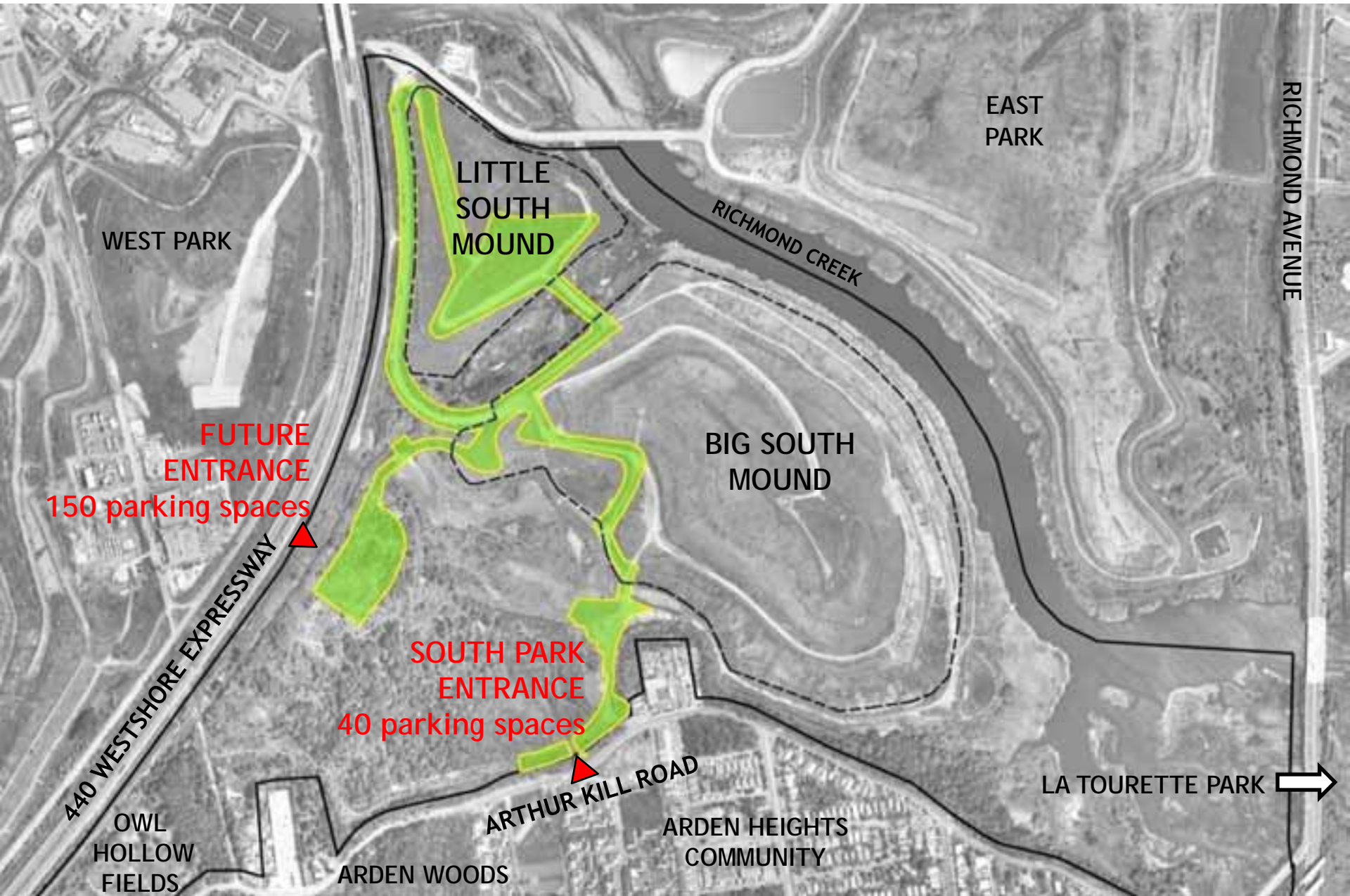
CIRCULATION

— EX. HAUL ROADS



OPPORTUNITIES & CONSTRAINTS

ACCESS



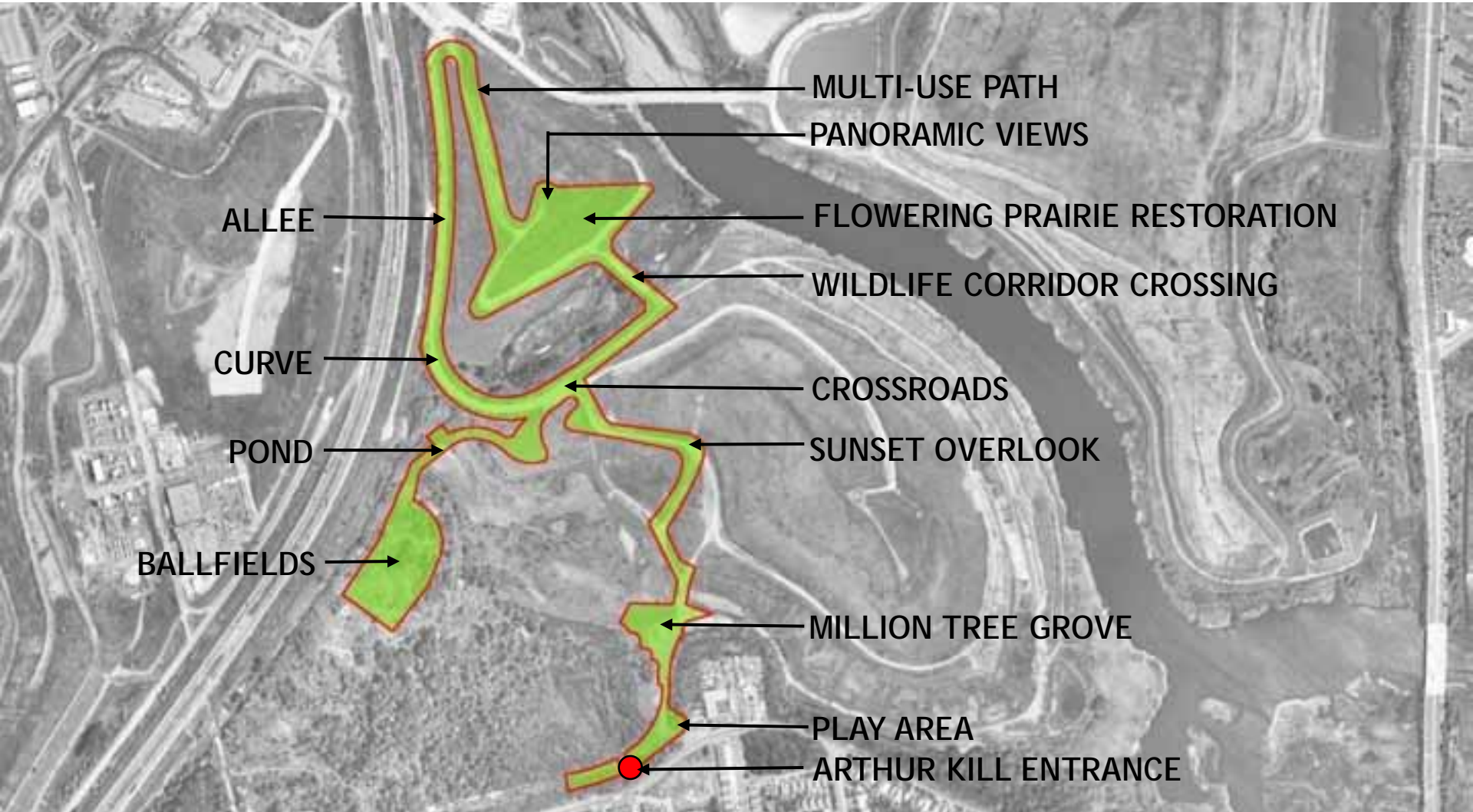
DESIGN REQUIREMENTS

-  MIN. 2 FEET SOIL COVER
-  6' FENCE AROUND PUBLIC AREAS



DESTINATIONS

2.4 MILES MULTI-USE PATH



SOUTH PARK LOOKING SOUTHEAST

RARITAN BAY

ARDEN
HEIGHTS



ARTHUR KILL
ENTRANCE

FORESTED
WETLANDS

WEST SHORE
EXPRESSWAY

POND

BIG SOUTH
MOUND

FRESHWATER
WETLAND

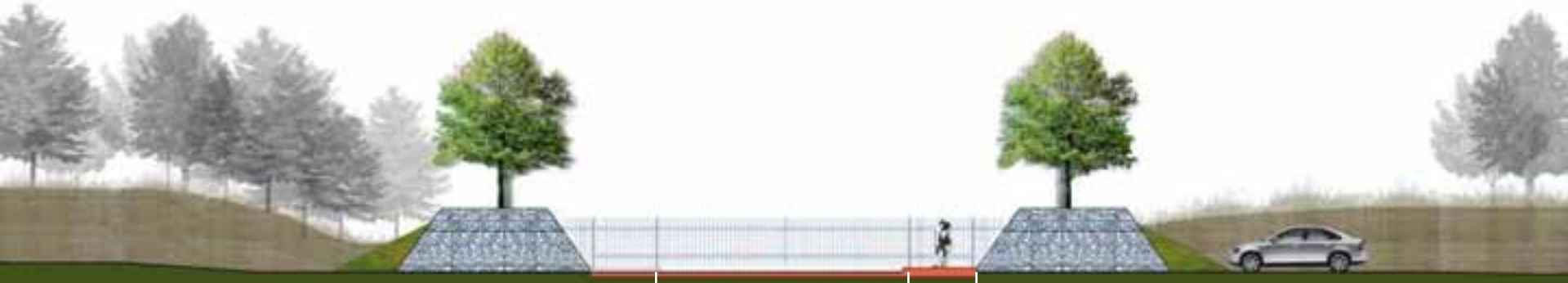
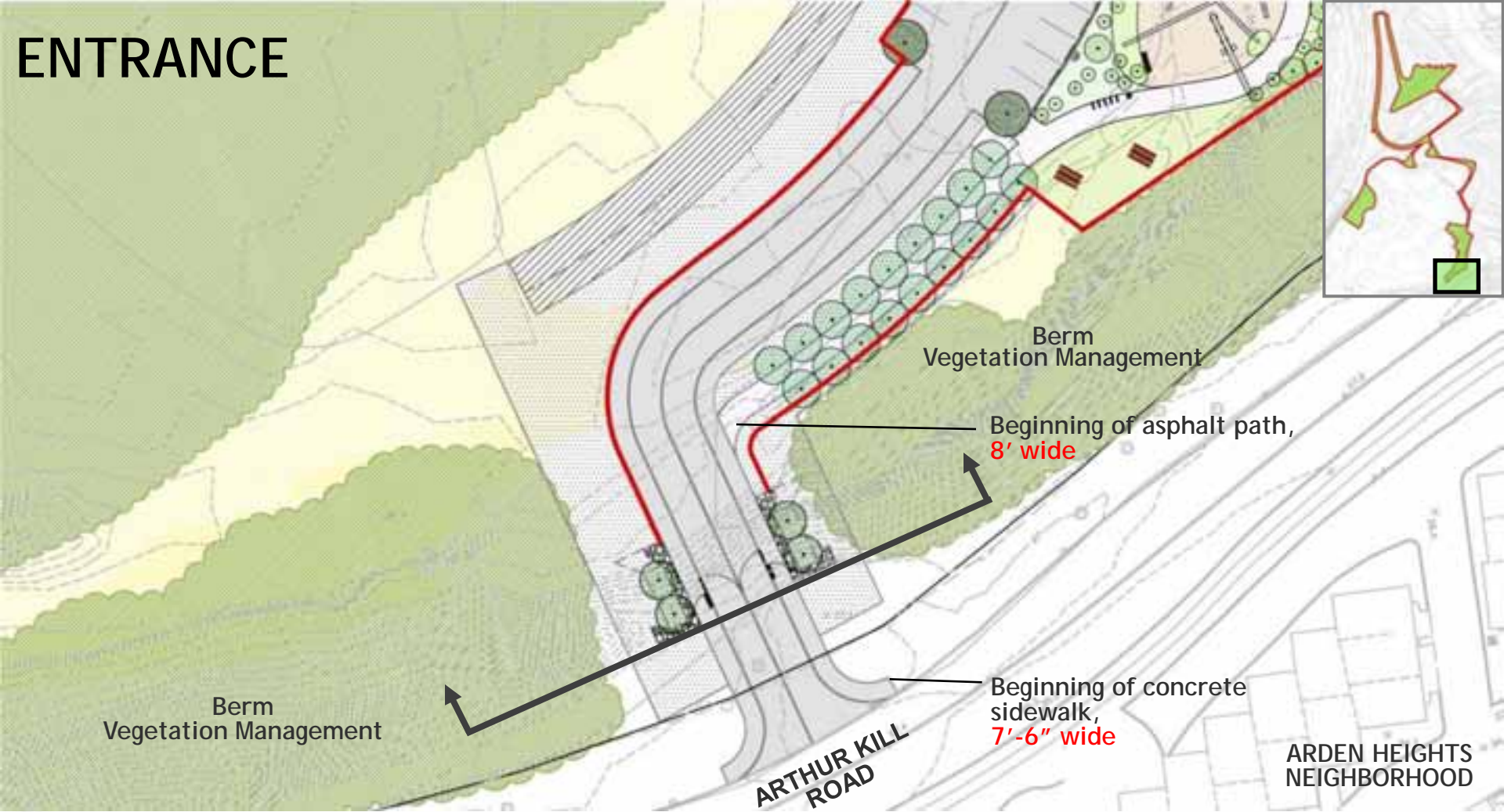
TIDAL
WETLAND

LITTLE
SOUTH MOUND

RICHMOND
CREEK



ENTRANCE



BERM VEGETATION MANAGEMENT

VEHICLE ENTRY CONC. SIDEWALK

BERM VEGETATION MANAGEMENT

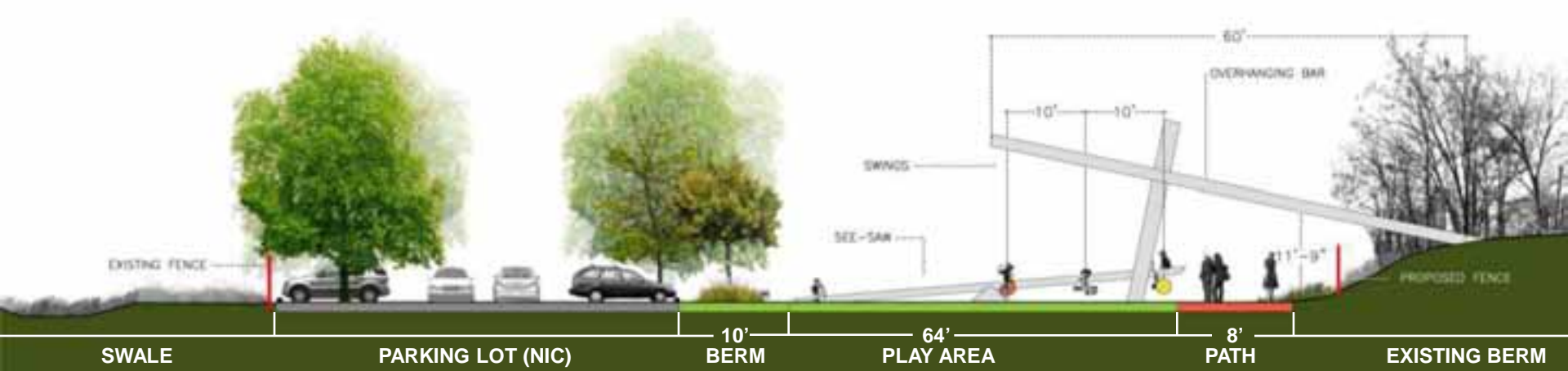
SOUTH PARK LOOKING SOUTHEAST

 **ARTHUR KILL ENTRANCE
PLAY AREA**

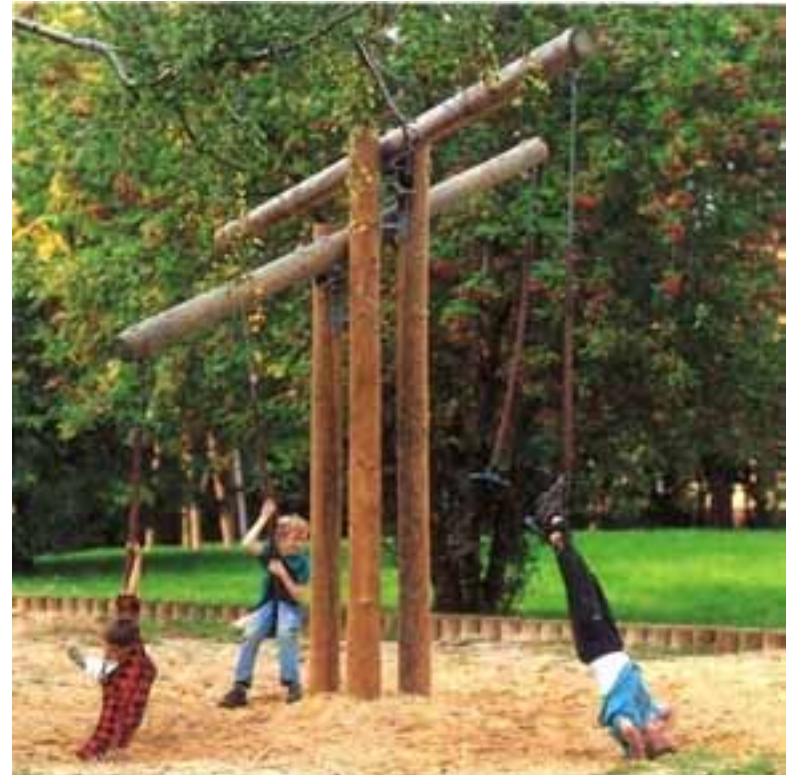




PLAY AREA



PLAY AREA FEATURES



NATIVE SCRUBLAND PLANT PALETTE



SERVICEBERRY



RED CHOKEBERRY



SWEET PEPPERBUSH



SILKY DOGWOOD



WITCH HAZEL



COMMON WINTERBERRY



NANNYBERRY VIBURNUM



AMERICAN ELDER

LOOKING SOUTHEAST

 **ARTHUR KILL ENTRANCE**
MILLION TREES PICNIC BOSQUE



MILLION TREES PICNIC BOSQUE

Million Trees Project
950 trees planted

Freshwater Wooded Wetland

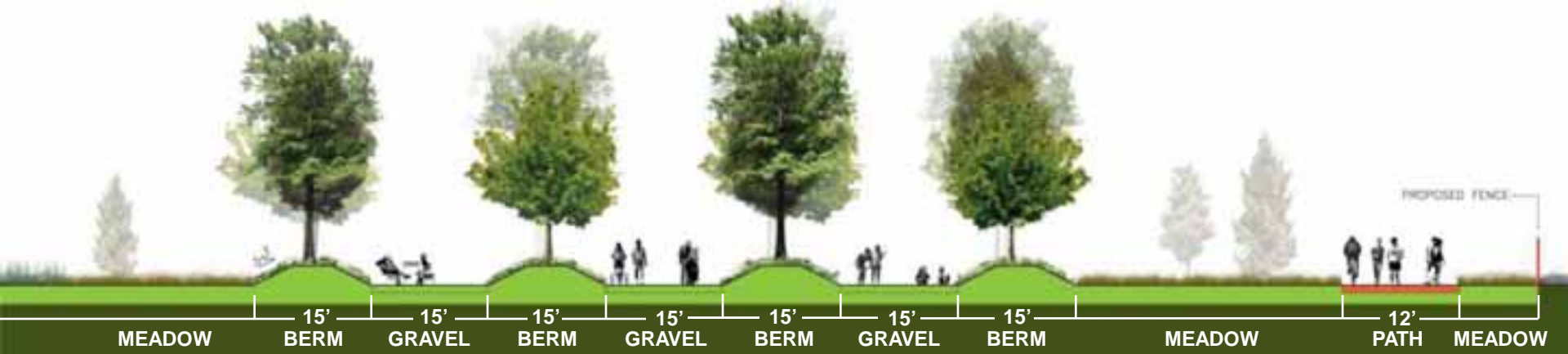
Future Comfort Station & Bike Facility

Picnic Tables

Trees

Stone Screenings

Path







MILLION TREES PICNIC BOSQUE LOOKING NORTH

MORAINAL OAK WOODLAND PLANT PALETTE



SHAGBARK HICKORY



AMERICAN SWEETGUM



SASSAFRAS



IRONWOOD



SWAMP WHITE OAK



CHRISTMAS FERN



CINNAMON FERN



WOOD ANEMONE



WHITE WOOD ASTER

LOOKING SOUTHEAST

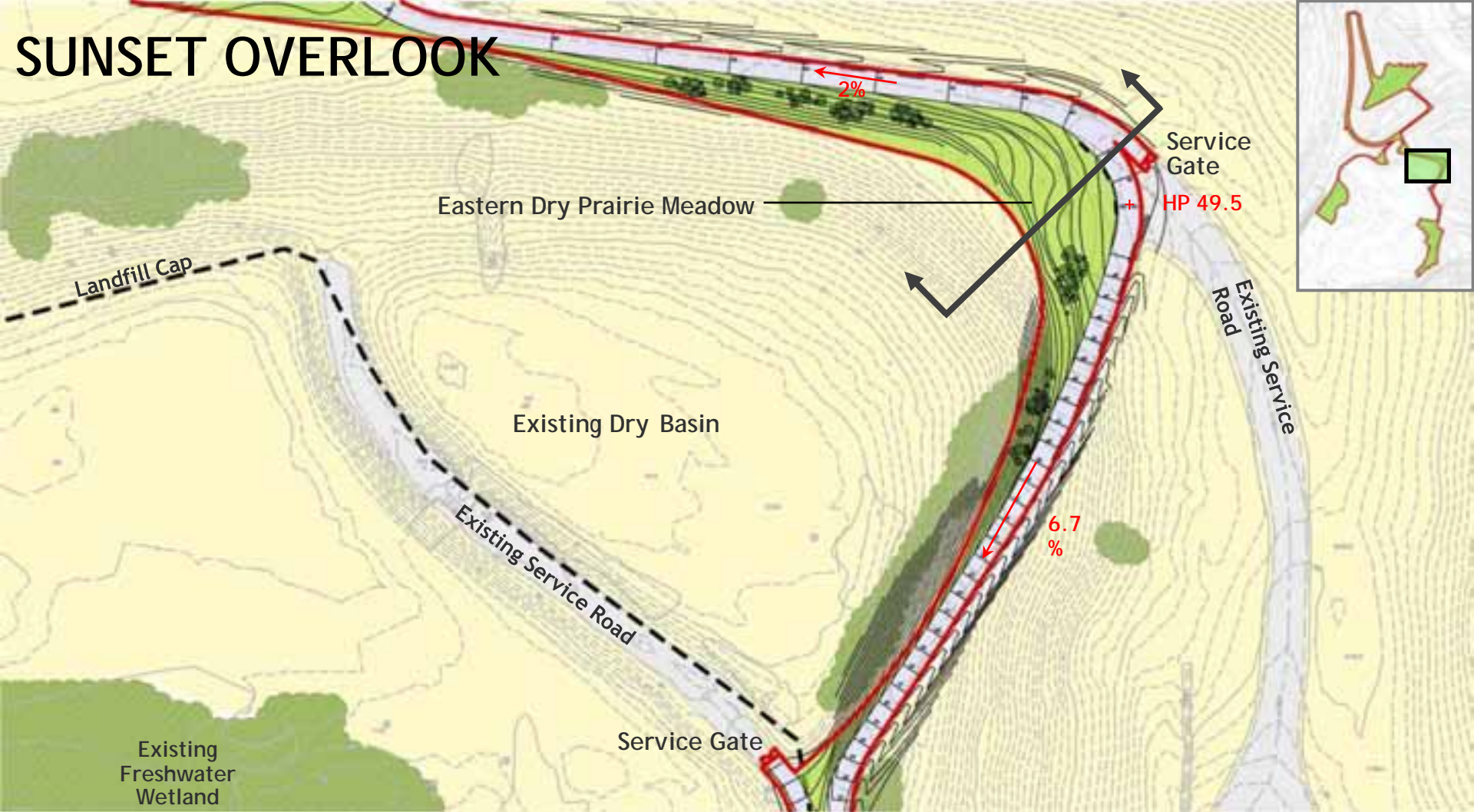


ARTHUR KILL ENTRANCE
MILLION TREE PICNIC BOSQUE

SUNSET OVERLOOK



SUNSET OVERLOOK



LOOKING WEST



LOOKING WEST



LOOKING SOUTHEAST



ARTHUR KILL ENTRANCE
MILLION TREE PICNIC BOSQUE

SUNSET OVERLOOK

CROSSROADS

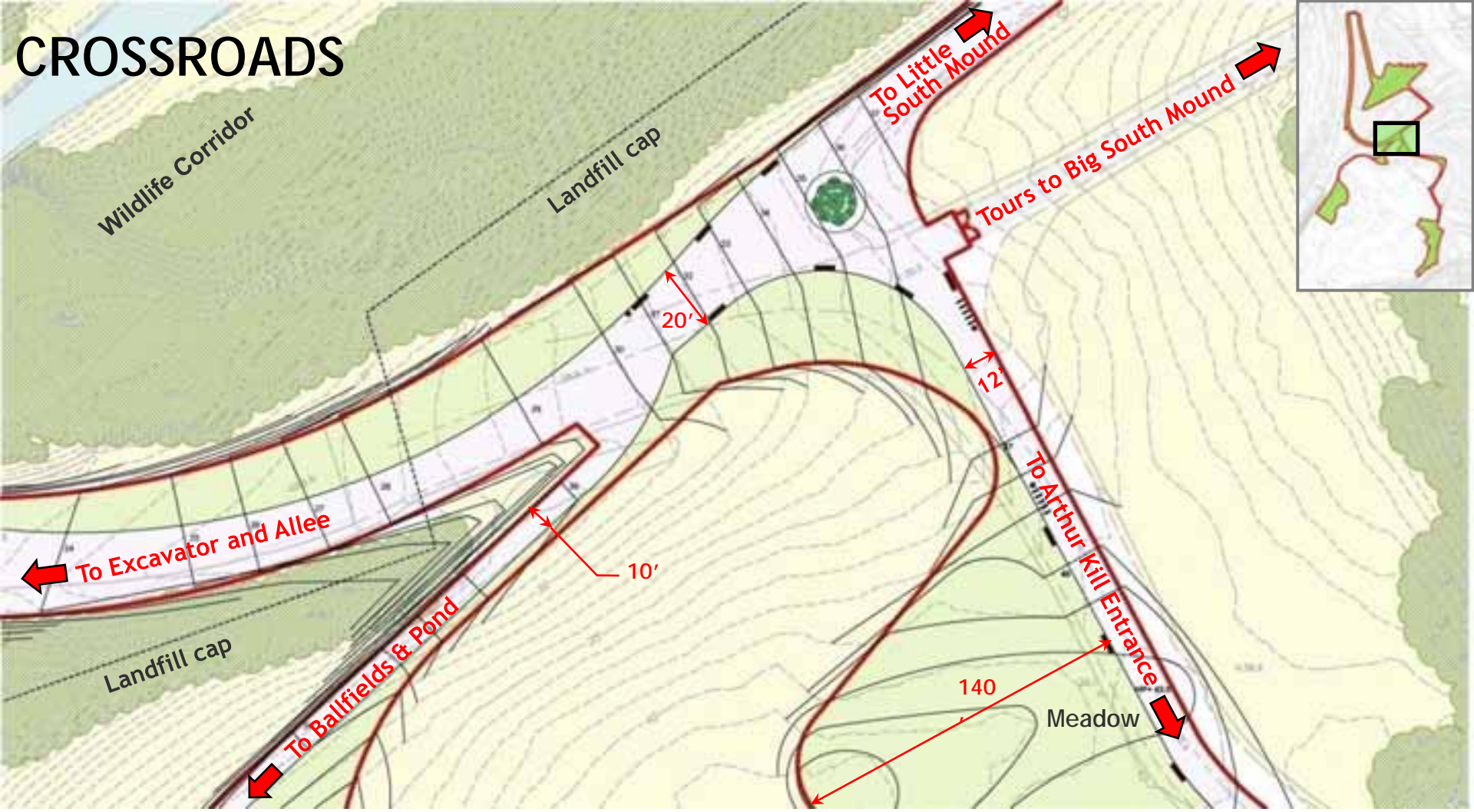
LOOKING SOUTH



CROSSROADS



CROSSROADS



WILDLIFE CORRIDOR



ONE-WAY BIKE LOOP - 1 MILE



BIKE LOOP



LOOKING SOUTHEAST



ARTHUR KILL ENTRANCE
MILLION TREE BOSQUE

SUNSET OVERLOOK

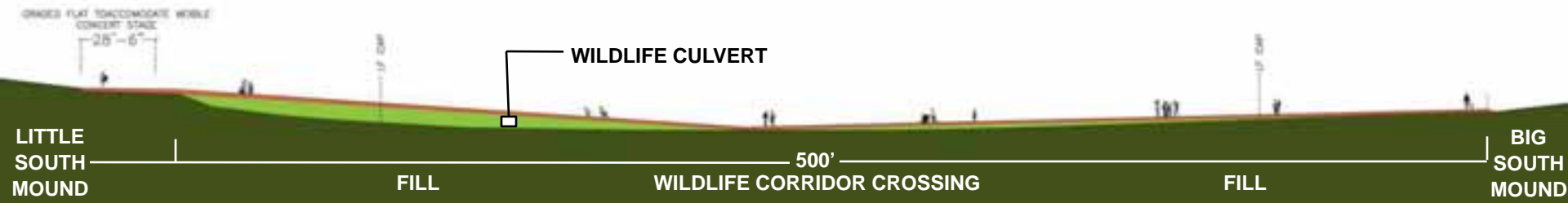
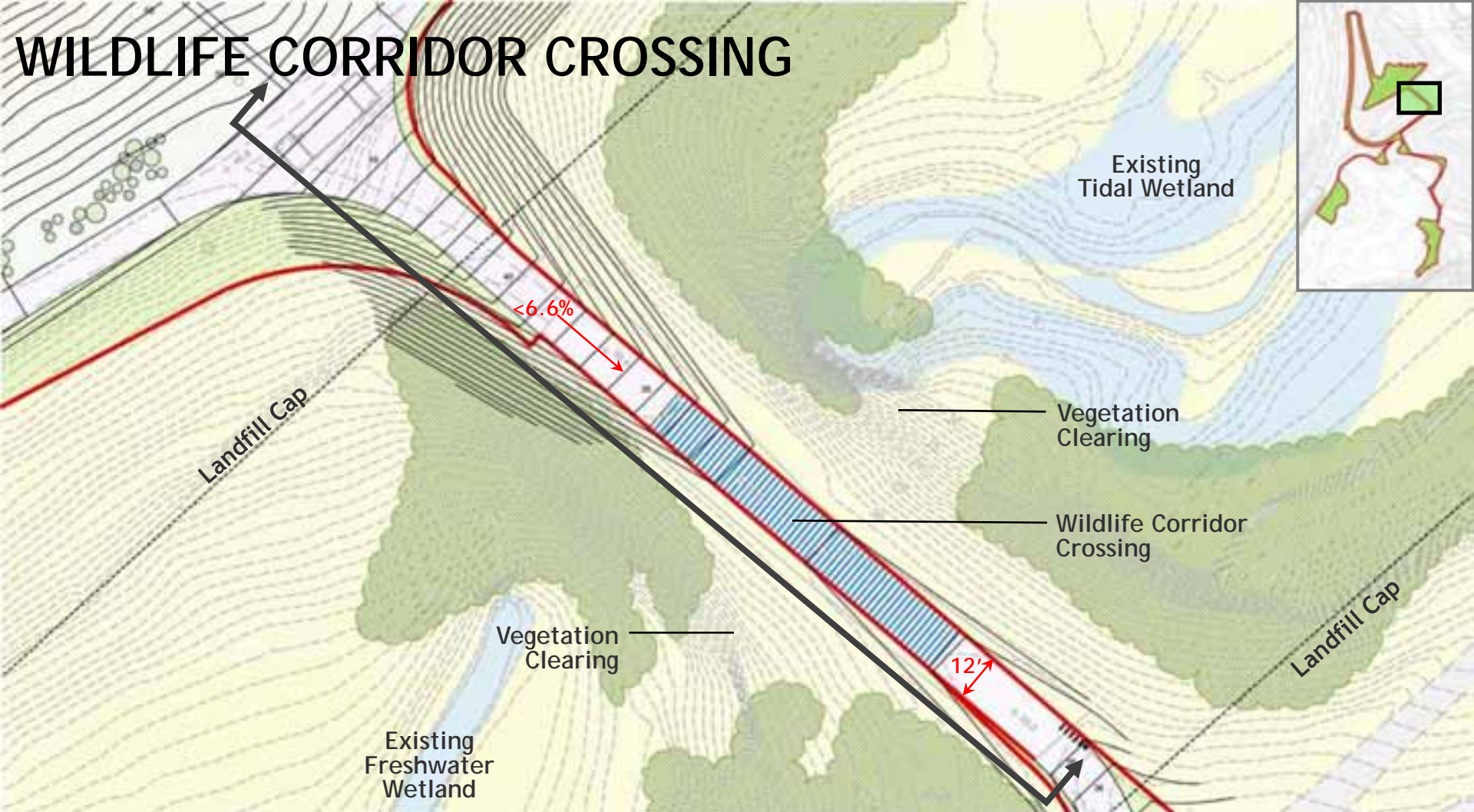
CROSSROADS

WILDLIFE CORRIDOR CROSSING

WILDLIFE CORRIDOR CROSSING



WILDLIFE CORRIDOR CROSSING



WILDLIFE CORRIDOR EXISTING CONDITIONS





WILDLIFE CORRIDOR EXISTING CONDITIONS

FRESH WATER WETLAND



LOOKING SOUTHEAST



ARTHUR KILL ENTRANCE
MILLION TREE BOSQUE

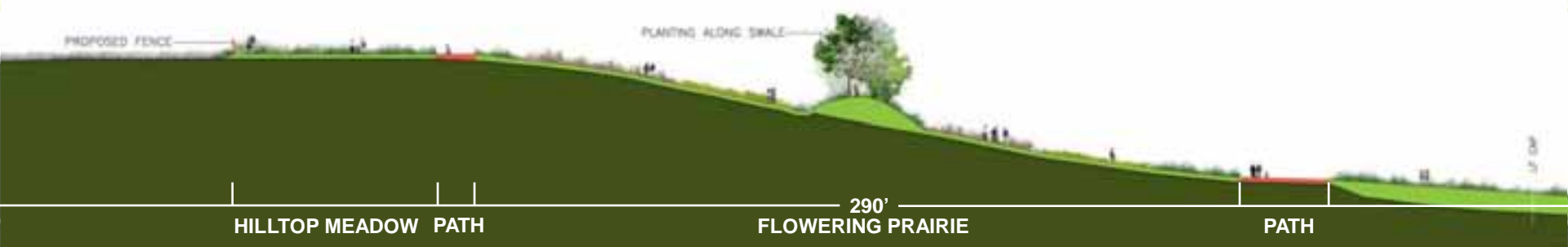
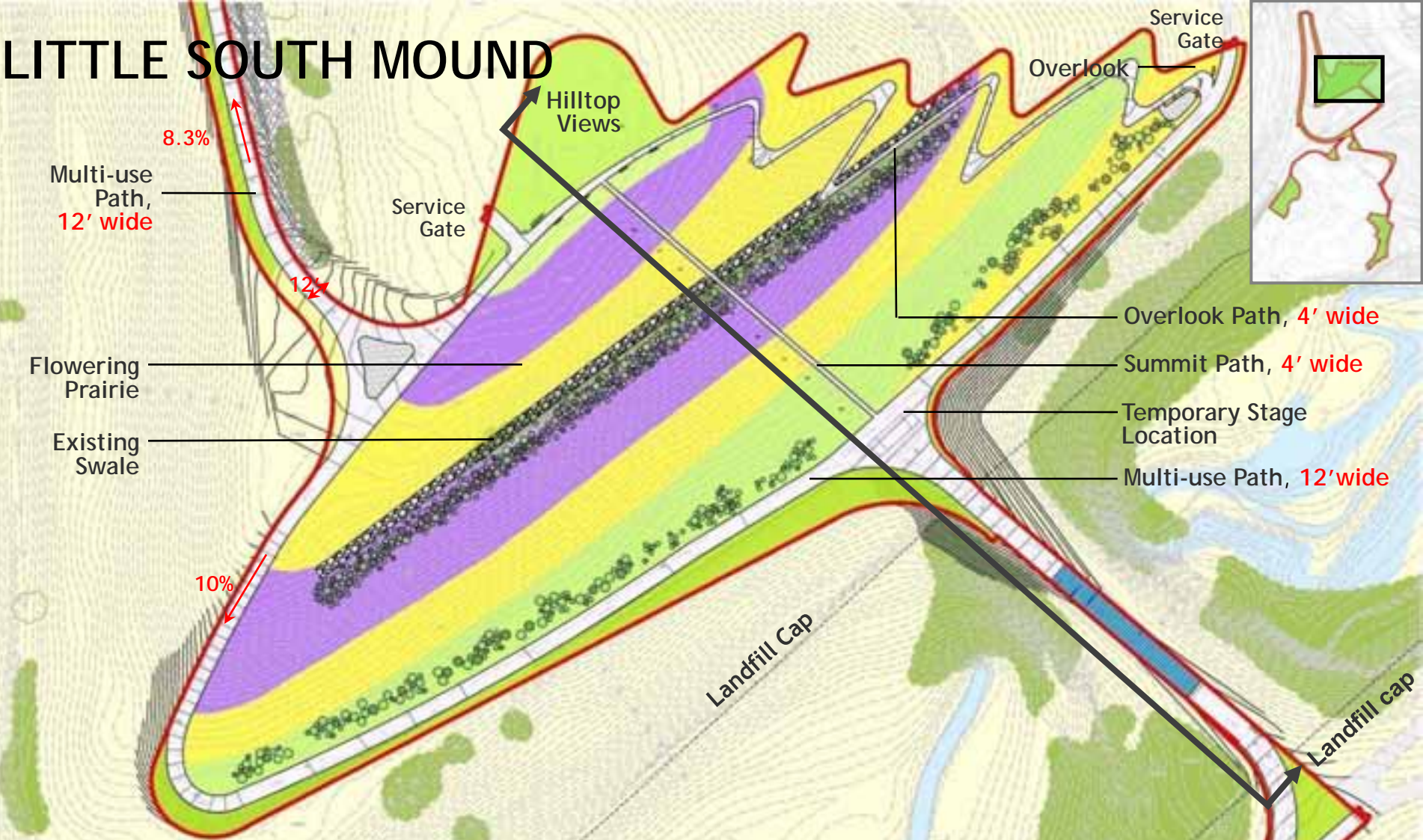
SUNSET OVERLOOK

CROSSROADS

WILDLIFE CORRIDOR CROSSING

LITTLE SOUTH
MOUND

LITTLE SOUTH MOUND



EXISTING VEGETATION ON SOUTH FACING SLOPE



EXISTING VEGETATION ON SOUTH FACING SLOPE



FLOWERING PRAIRIE PLANT PALETTE



PURPLE CONEFLOWER



PURPLE JOE-PYE WEED



NEW YORK IRONWEED



OHIO SPIDERWORT



GRASS-LEAVED GOLDENROD



BLACK-EYED SUSAN



GRAY GOLDENROD



CLASPING CONEFLOWER



BLACK LOCUST



AMERICAN CHESTNUT



BLACK CHERRY



NORTH PARK SEED

LOOKING NORTHWEST



MULTI-USE
PATH

FLOWERING
PRAIRIE

TEMPORARY
EVENT STAGE

FRESHWATER
WETLAND

HILLTOP VIEWS

MULTI-USE
PATH

CREEK
OVERLOOK

TIDAL
WETLAND

RICHMOND
CREEK

LITTLE SOUTH MOUND SUMMER PROGRAM



LITTLE SOUTH MOUND SUMMER PROGRAM



LITTLE SOUTH MOUND WINTER PROGRAM



ONE-WAY BIKE LOOP - 1 MILE



MULTI-USE PATH LOOKING NORTH - SUMMER



MULTI-USE PATH LOOKING NORTH - WINTER



LOOKING SOUTHEAST



ARTHUR KILL ENTRANCE
MILLION TREE BOSQUE

SUNSET OVERLOOK

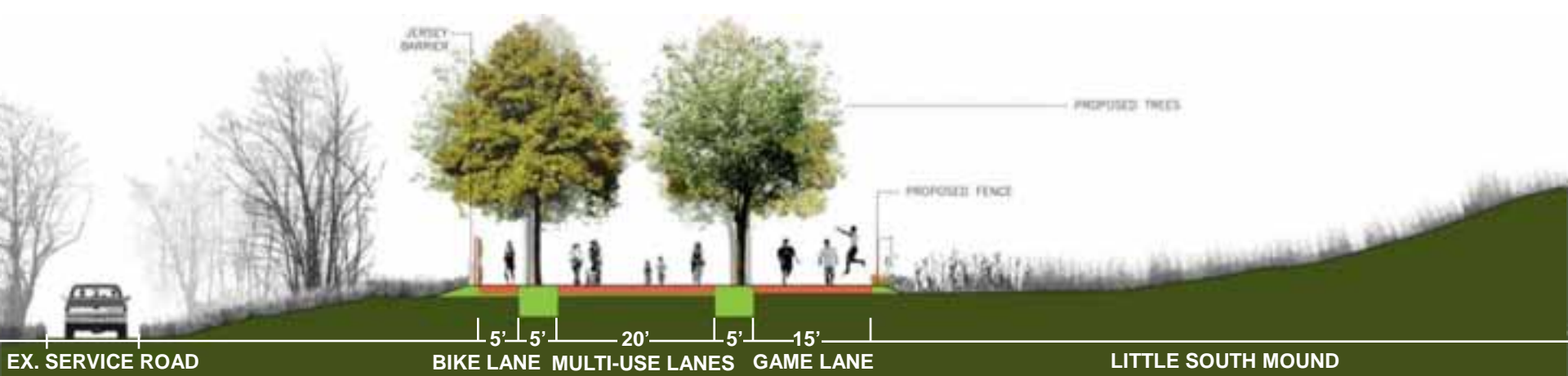
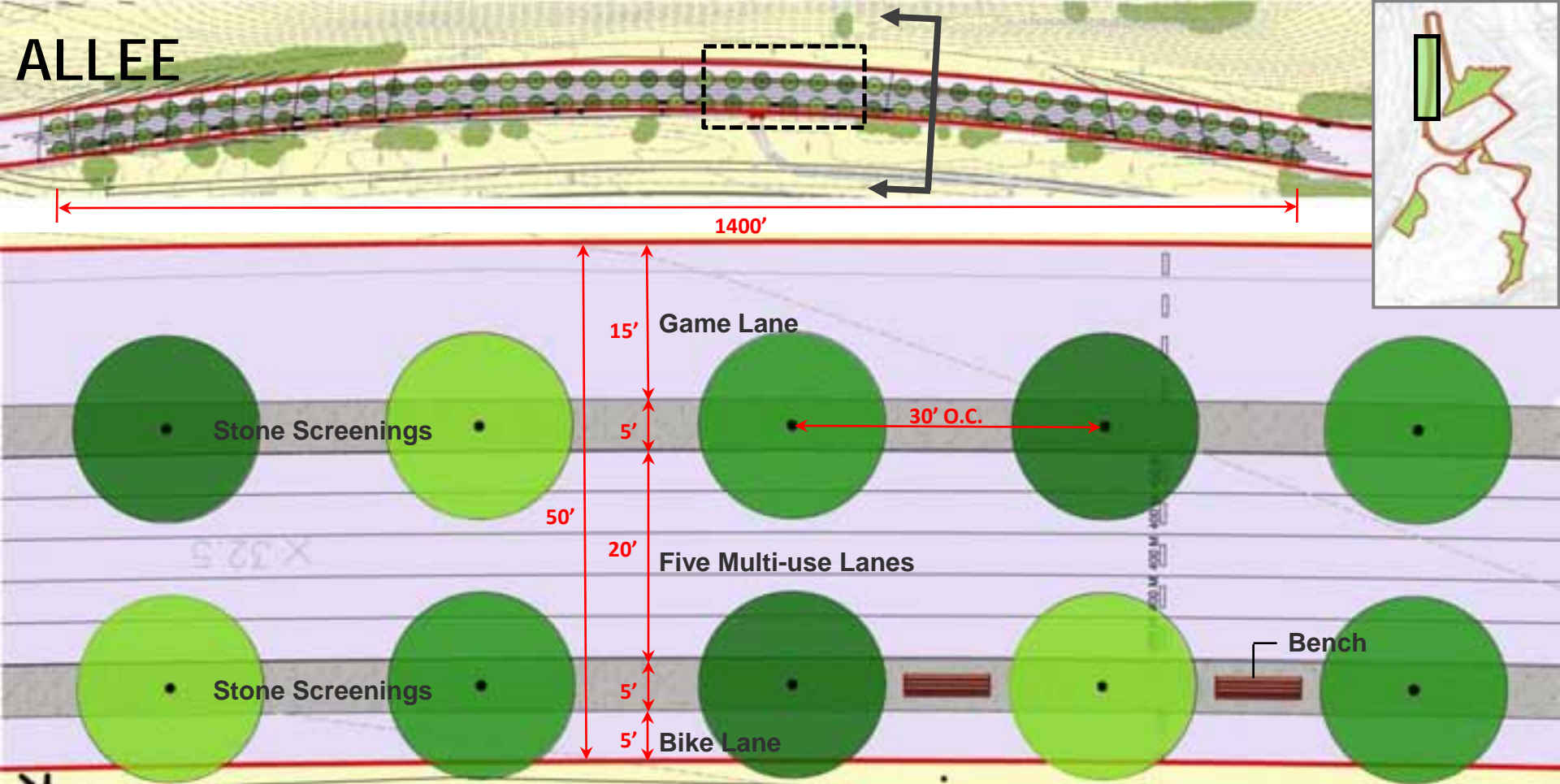
CROSSROADS

WILDLIFE CORRIDOR CROSSING

LITTLE SOUTH
MOUND

ALLEE

ALLEE



ALLEE PROGRAM



Skateboarding



Learn-to-bike



Rollerblading/
rollerskating



Relay racing



Bocce ball



Badminton



Bike repair



Archery



Obstacle course



Basketball
hoops

ALLEE PROGRAM



Beach volleyball



Chess tables



Climbing wall



Exercise bars



Mini-putt



Disc golf



Trampoline



Table tennis

MULTI-USE PATH LOOKING NORTH



VIEW OF ALLEE LOOKING NORTH



LOOKING SOUTHEAST



ARTHUR KILL ENTRANCE

MILLION TREE BOSQUE

SUNSET OVERLOOK

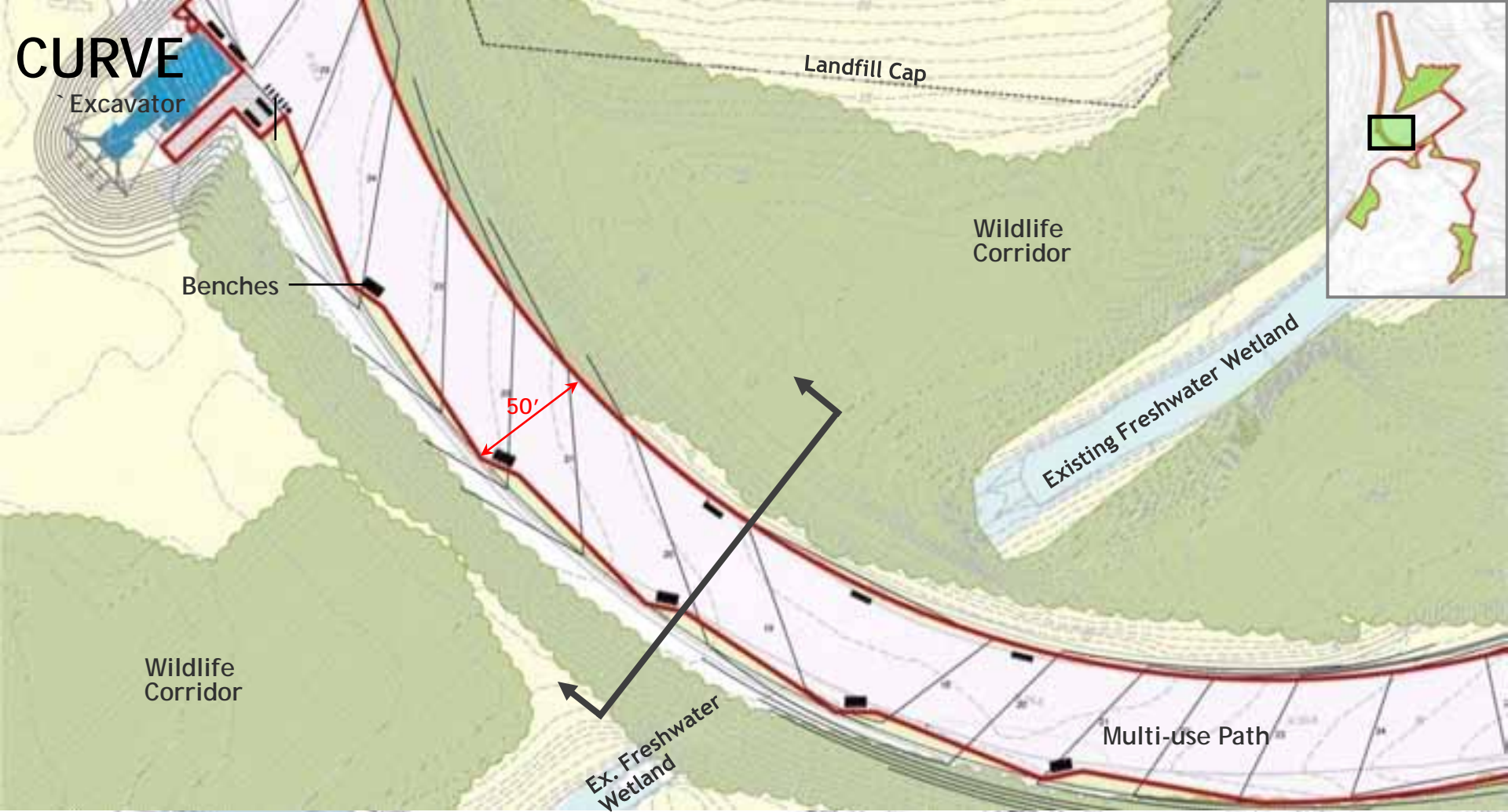
CROSSROADS

WILDLIFE CORRIDOR CROSSING

CURVE

LITTLE SOUTH MOUND

ALLEE



EXCAVATOR



CURVE LOOKING SOUTH



CURVE AT WILDLIFE CORRIDOR



GLACIAL ERRATICS



LOOKING SOUTHEAST



ARTHUR KILL ENTRANCE
MILLION TREE BOSQUE

SUNSET OVERLOOK

CROSSROADS

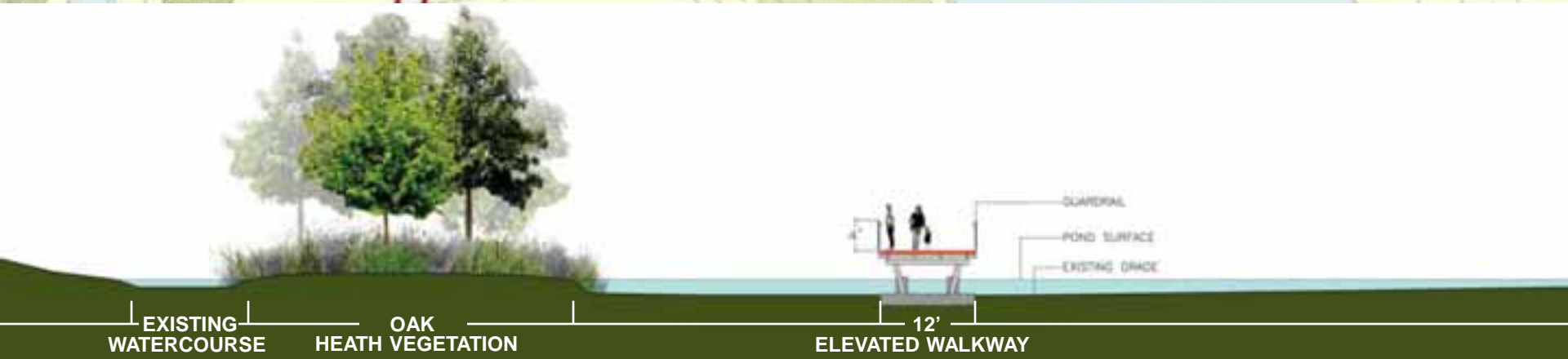
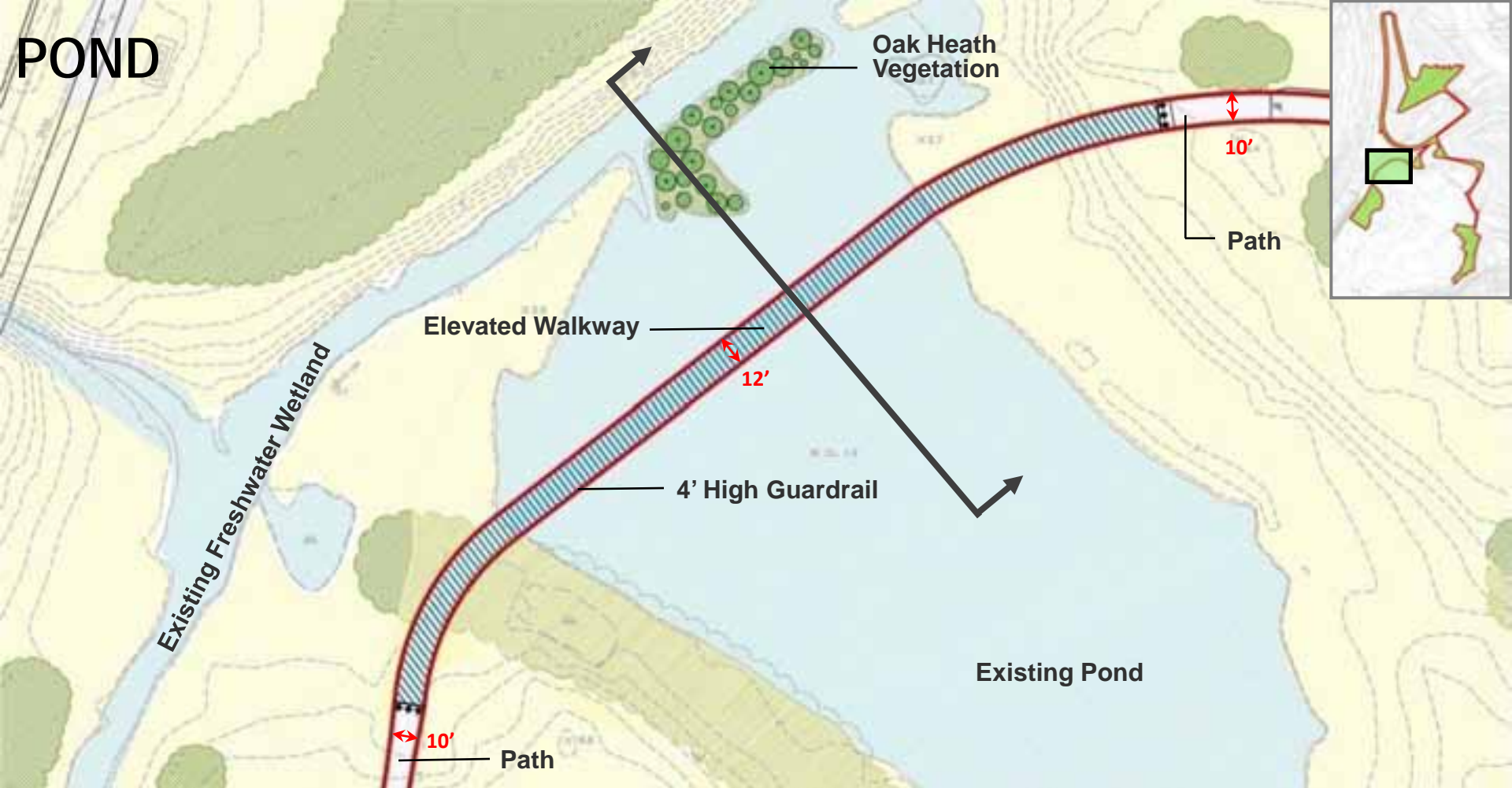
WILDLIFE CORRIDOR CROSSING

LITTLE
SOUTH MOUND

ALLEE

POND

CURVE



POND LOOKING SOUTH



POND LOOKING EAST



LOOKING SOUTHEAST



ARTHUR KILL ENTRANCE

MILLION TREE BOSQUE

BALLFIELDS

SUNSET OVERLOOK

POND

CURVE

CROSSROADS

WILDLIFE CORRIDOR CROSSING

ALLEE

LITTLE SOUTH MOUND

BALLFIELDS



SOUTH PARK



ARTHUR KILL ENTRANCE
MILLION TREE BOSQUE

BALLFIELDS

SUNSET OVERLOOK

POND

CROSSROADS

CURVE

WILDLIFE CORRIDOR CROSSING

ALLEE

LITTLE SOUTH
MOUND



SOUTH PARK



City of New York
Parks & Recreation

Construction of a Portion of South Park
at Fresh Kills Park, Staten Island

fo field operations
Parks Capital Design