

fabricating a contemporary wilderness for the contemporary metropolis:  
planting 30 acres of nature with new york's HI-LO LINE

THE HI-LO LINE  
PARK

高低線公園

HI-LO LINE plan: 1"=200'

- erasing hardscapes
- + recovering infrastructures
- + seeding grasses
- + networking habitats
- + establishing forests
- = contemporary wilderness in new york

public rooms: 1/16"=1'-0"

tactics: root space is created on the HI-LO LINE by lifted tree boxes and forms the structure for the forest floor; this split section overlaps and changes with topography and habitat, and allows for the separation of hikers and bicyclists; on the ground below the HI-LO LINE, streets are populated by cabin-like public rooms; access to the HI-LO LINE is via platform lifts and 1:20 ramps

HI-LO LINE tree boxes

year 1: planted field\_dry

objectives: incremental construction of tree planters on the hi-line and habitat improvements on the lo-line to create: deposits, dugouts, raised ground, rocky outcroppings.

measures: development of moist meadows and dry beds; open brush; creation of muddy pools; concealment of infrastructure beneath the hi-line; planting of native grasses and trees along recovered hi-line and lo-line surfaces.

accessibility: sensitive biotopes will be fenced.

flora: *bouteloua curtipendula*, *sida sp.*, *grass*, *state endangered*; *castilleja coccinea*, *scarlet indian paintbrush*, *state threatened*; *lilium michiganense*, *michigan lily*, *state endangered*; *phlox pilosa*, *downy phlox*, *extirpated*; *oligoneuron rigidum var. rigidum*, *stiff goldenrod*, *state threatened*; *rudbeckia hirta*, *black-eyed susan*, *historical record*; *anaphalis margaritacea*, *pearly everlasting*; *quercus coccinea*, *scarlet oak*, 75-150 ft; *quercus alba*, *northern white oak*, 80-100 ft.

present: brownfield

objectives: connection of highline to below grade rail viaduct; removal of eared roads, sidewalks, and paved paths; extermination of exotics.

measures: removal of contaminants: ammonium-nitrogen, orthophosphate-phosphorus, chlorophyll, and pesticides; planting of trees; remediation; spreading of soil; water filtration; stabilization of rail bed soil.

flora and fauna: *hypericum*: *zebra mays*, *sweet corn*; *silene cucubalus*, *bladder campion*; *artemesia vulgaris*, *mugwort*; *prunus serotina*, *chokecherry*.

wildflower.org

HI-LO LINE sections: 1/16"=1'0"

year 5: planted forest\_wet

objectives: development of open woods, mixed grasslands, small stretches of water, natural copes and borders.

measures: provisional fencing; completion of tree planters; construction of lo-line pathways.

flora: *platanus occidentalis*, *american sycamore*, 75-100 ft; *rhododendron arboreum*, *smooth azalea*, *extirpated*; *rhododendron calendulaceum*, *flame azalea*, *historical record*; *agillegia canadensis*, *red columbine*; *salvia lyrata*, *cancer weed*, *historical record*; *hypericum prolificum*, *shrubby st. john's wort*, *state threatened*; *hypericum*, *hypericum ssp.*, *hypericoides*, *st. andrew's cross*, *state endangered*.

year 50: fabricated wilderness

objective: propagation of wilderness through connected hi-lo line; rich wooded slopes; humus-rich soils; thickets; swamps.

measures: wilderness connected through unsealed infrastructure corridors (overground and below ground rail) to uptown forests and grasslands.

flora: *fagus grandifolia*, *american beech*, 50-120 ft; *chamaecyparis thyoides*, *atlantic white-cedar*, 40-120 ft; *acer saccharum*, *sugar maple*, 60-75+ ft; *dicentra eximia*, *wild bleedingheart*, *state endangered*; *chamaelirium luteum*, *blazing star*, *state threatened*; *trillium grandiflorum*, *large-flowered trillium*; *hydrastis canadensis*, *goldenseal*, *state threatened*; *actaea pachypoda*, *white baneberry*, *exploitably vulnerable*.



THIS IS NOT A PARK: HI-LO LINE  
THE HIGH LINE

Taking advantage of a largely derelict elevated and excavated rail line, this radical proposal for environmental restoration in the heart of New York anticipates a long-term evolution of space into an ecologically productive natural habitat.

It suggests a 50-year strategy for boldly applying broad ecological and regional concerns to a specific urban setting. The project juxtaposes voyeuristic relationships of nature to the dense above and below ground infrastructure of the city, catalyzing the redevelopment of New York's Westside. Specific habitats of flora and fauna cultivate, evolve and connect New York's existing waterfront ecologies to the site. At the same time, the site becomes the epicenter of an ecological restoration, a new wilderness area, where ecology physically and symbolically unifies the metropolis.

Fabricating a contemporary wilderness for the contemporary metropolis, the HI-LO LINE extends north below grade from 34<sup>th</sup> to 59<sup>th</sup> Streets, planting 30 acres of nature in its entirety. Root depth is created above the rail deck with elevated planter boxes. Dispersing, flocking and changing in height, these planters vary the topography, habitats, biotopes and activities. Weaving through this topography, are a series of circulation paths, allowing for the connection and separation of hikers and bicyclists, outdoor amphitheatres, vistas and access points.

This new wilderness consumes: overgrown rail yards and hardscapes; fabricates topography, hydrology and biotopes; camouflages buildings with forests, infrastructure with grass and earth; carpets tunnels with sod; shelters threatened flora and fauna; restores managed forests into wilderness; networks nature.

這不是一個公園：高低線  
高線

關於紐約市核心地區的生態恢復，一個激進的建議是，通過利用大部分遺棄的高架和挖掘的鐵路線的重新設計和保護將他們長期演變成一個生態友好的自然棲息地。

它提出了一個50年的計劃，大膽地將廣泛的生態和區域關注納入特定的城市環境。該項目將自然的滲透特質與城市密集的地上和地下基礎設施相融合，促進了紐約西區的重建，植物和動物的特定棲息地培養，發展和連接紐約現有的海濱生態環境。同時，該地點成為生態恢復的中心，一個新的荒野地區。

為當代大都會製造一個現代的荒野，高低線從34號到59號的街道向北延伸到地下，一共營造了30英畝的自然。高架上方放置的植物基座為根系生長提供了空間。分散、群聚和高度改變，這些種植者豐富了地形、棲息地、生物群落和活動。編織這個地形的是一系列的路徑，這些路徑聯係了徒步旅行者和騎自行車者，戶外露天劇場、景觀和入口。

這個新的自然區包含：植物興盛的鐵道公園和硬地；人工營造的地形、水文和生物環境；生態建築與森林，覆蓋植被的基礎設施；保護下的野生植物和動物群；恢復到自然狀態的人工森林。

獲獎

2003，設計高線，紐約遺產獎：紐約；獲獎條目：“這不是一個公園；為當代大都市製造當代荒野”，從全球720個詞條中選出，授予“最佳設計，結合紐約地區的本地植物和野花”。

2003年，在“這不是公園：為當代大都市製造當代荒野”中發表的高線獎獲獎作品：設計高線，紐約，9

PROJECT

Urban park/ industrial re-use  
master-plan

NOA's expertise

Architecture, landscape,  
sustainability, infrastructure

SIZE

121,406 m<sup>2</sup> (1,306,814 ft<sup>2</sup>)

CLIENT

Friends of the High Line

LOCATION

New York NY

STATUS

Awarded the Designing The High-line Wildflower Award.

TEAM

Andrew Heid

項目

城市公園/工業再利用總體規劃

NOA的領域

建築、景觀、可持續性、基礎設施

規模

121,406平方米 (1,306,814平方英尺)

客戶

高線之友

位置

紐約NY

狀態

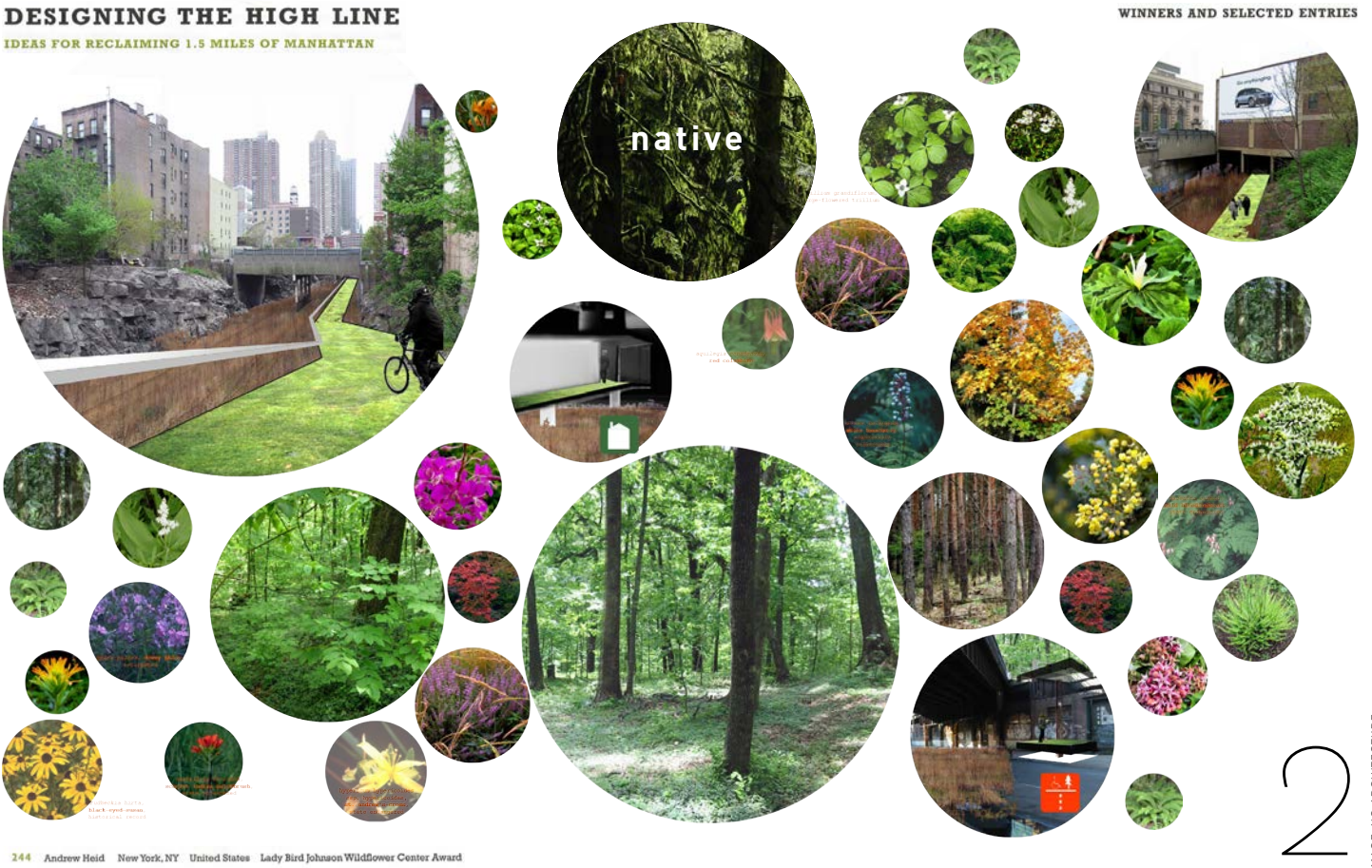
授予設計Highline野花獎。

團隊

安德魯·海德



**DESIGNING THE HIGH LINE**  
IDEAS FOR RECLAIMING 1.5 MILES OF MANHATTAN



244 Andrew Heid New York, NY United States Lady Bird Johnson Wildflower Center Award

1. View towards north. 2. Habitat concept. 1. 朝北看。 2. 棲所概念。

2  
IMAGE: NO ARCHITECTURE