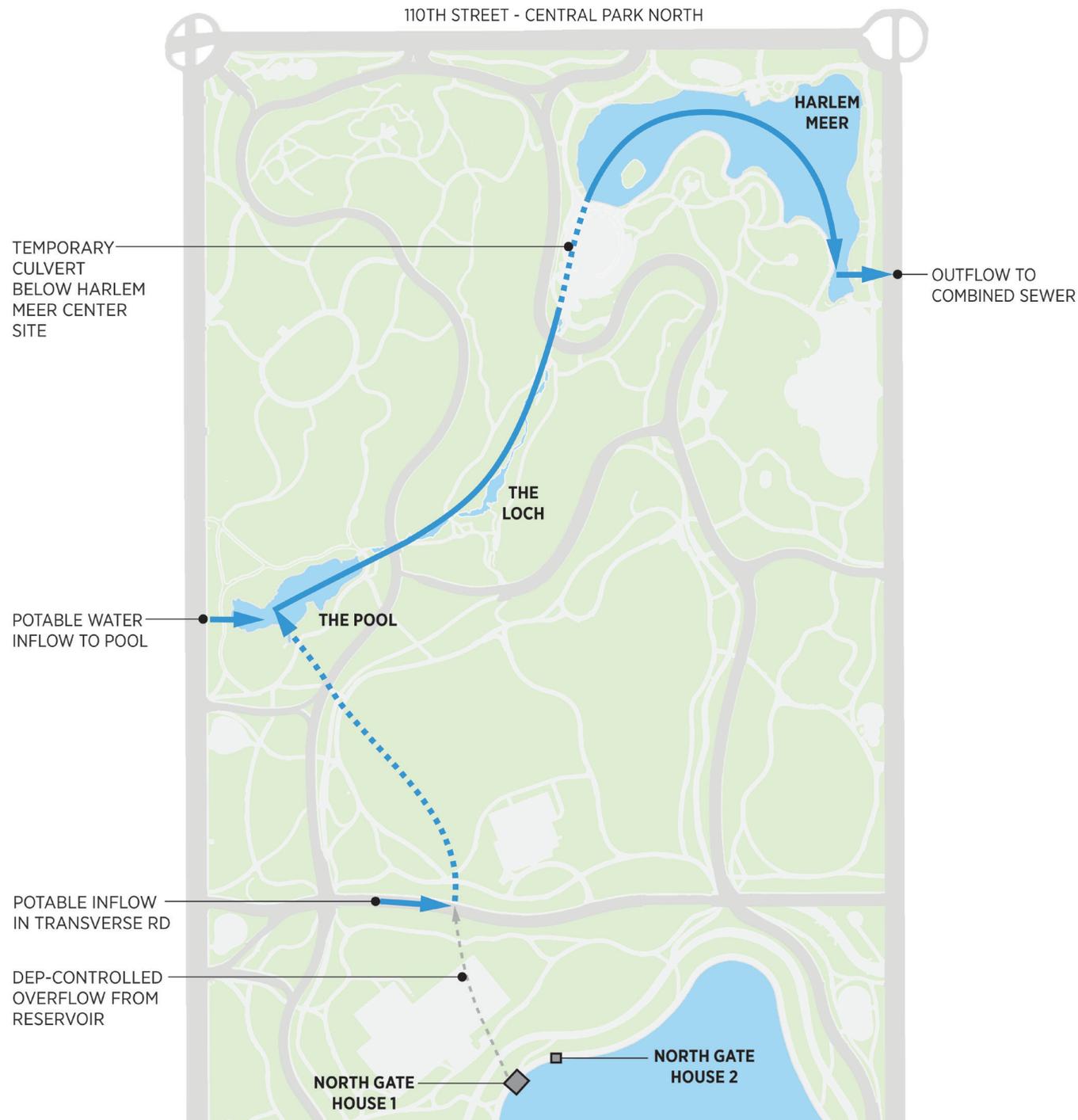
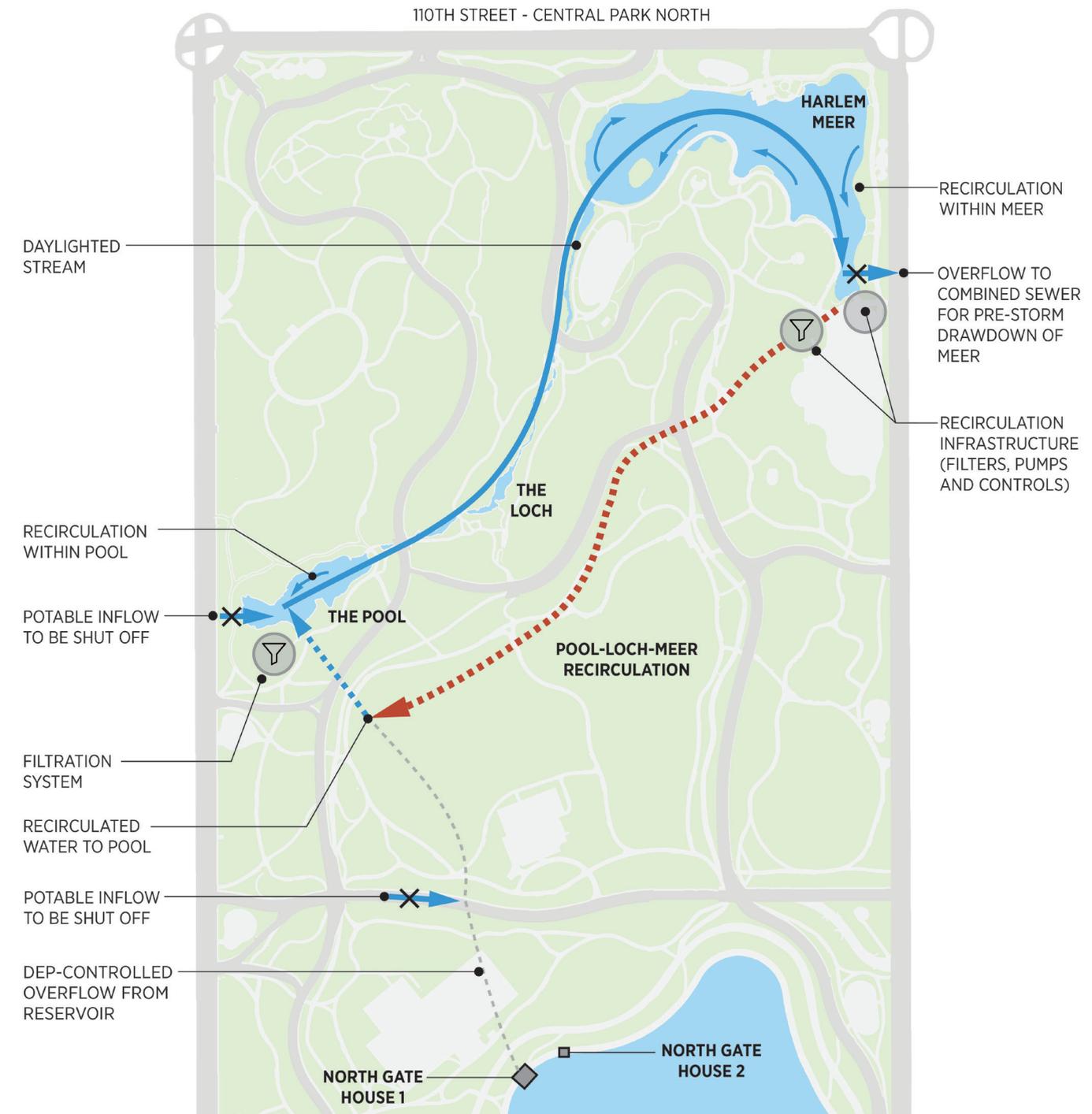


NORTH END RECIRCULATION SYSTEM





EXISTING CONDITIONS PLAN



PROPOSED RECIRCULATION PLAN



TOTAL AREA TO BE MANAGED BY RECIRCULATION SYSTEM: **204 ACRES (EXCLUDING AREA OF WATERBODIES)**

TOTAL AREA OF CENTRAL PARK (EXCLUDING WATERBODIES): **698 ACRES**

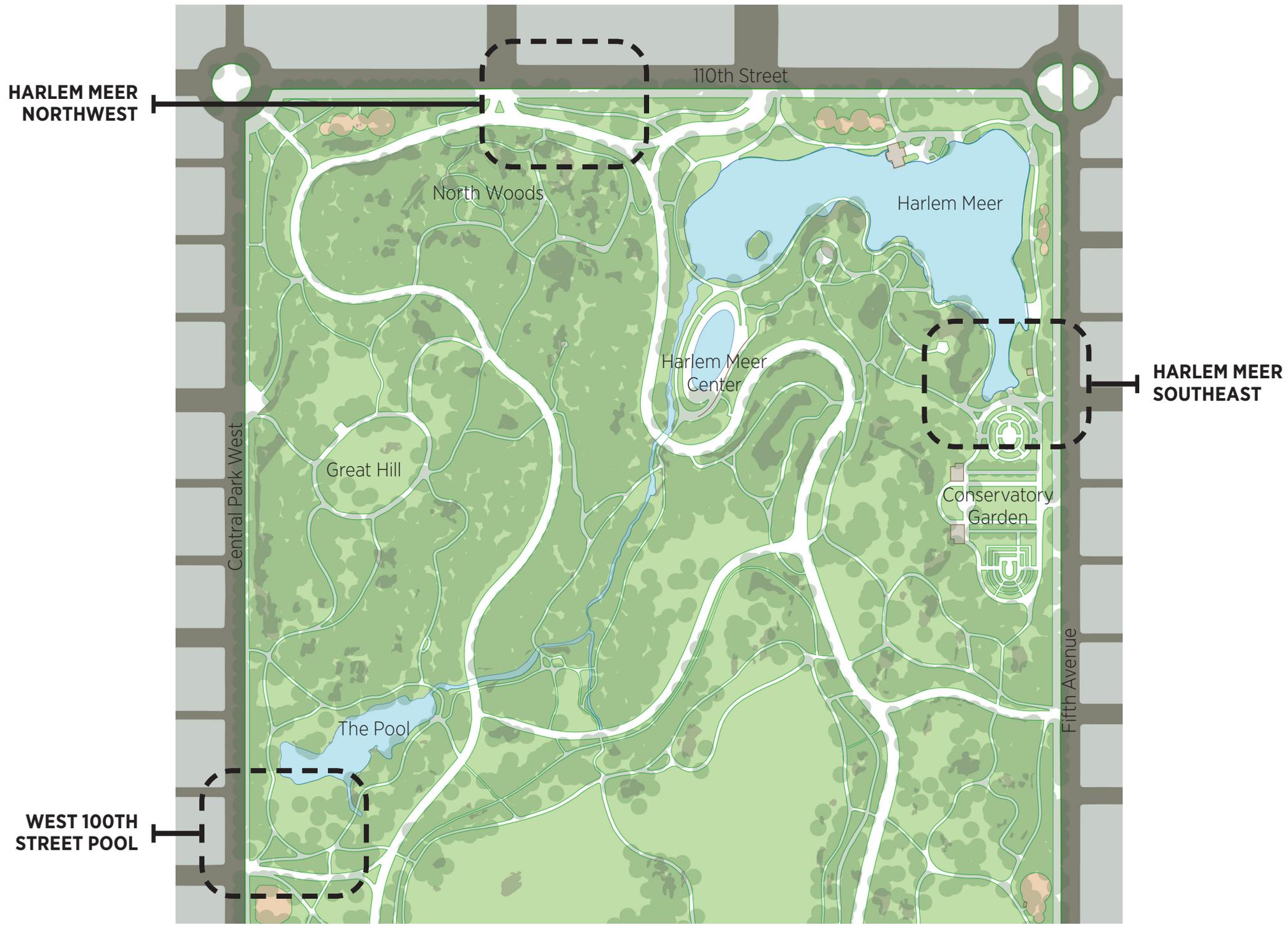
PROJECTED SYSTEM BENEFITS:

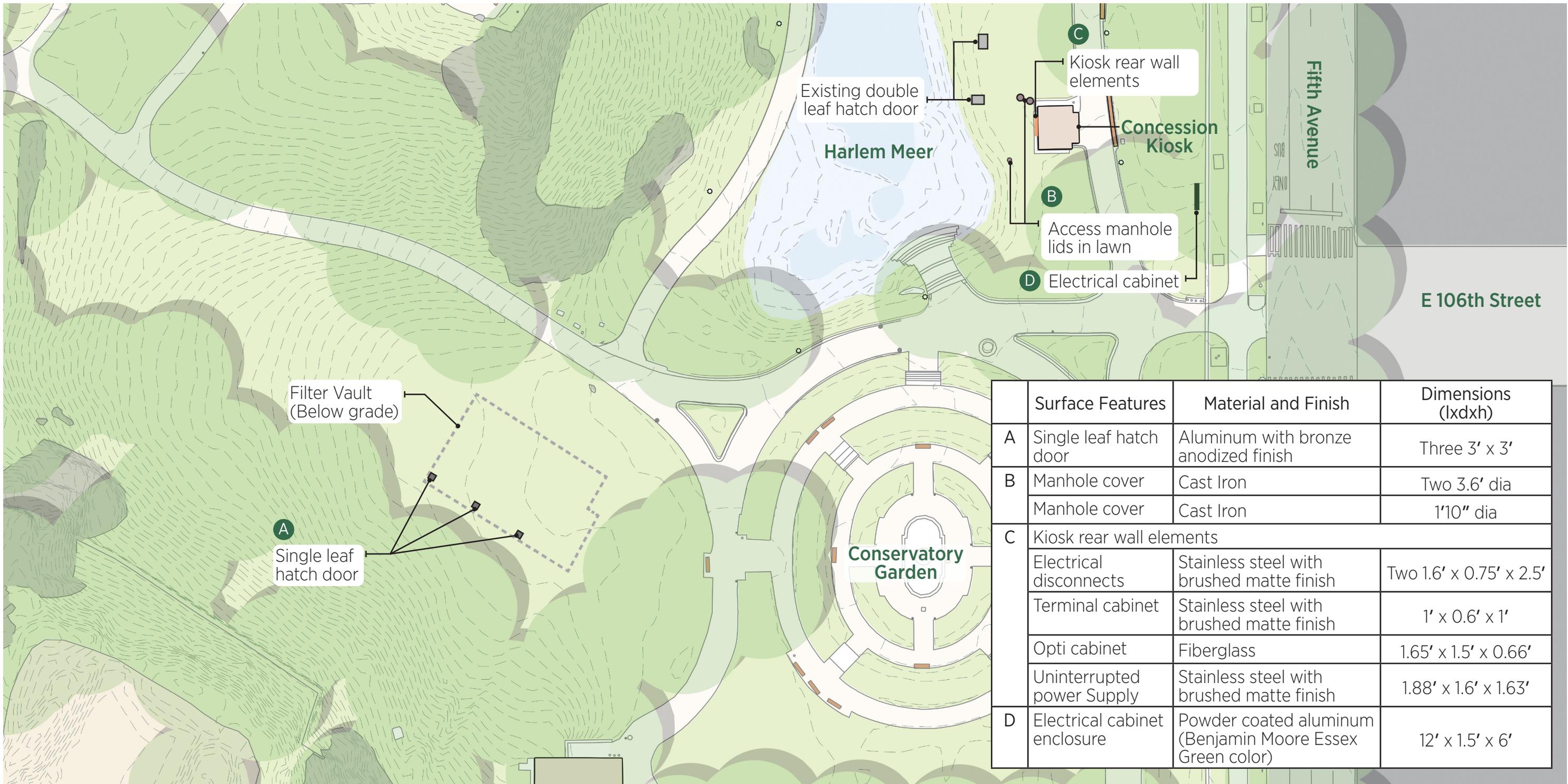
POTABLE WATER SAVINGS PER DAY: **479,000 GALLONS**

POTABLE WATER SAVINGS PER YEAR: **175 MILLION GALLONS**

REDUCED WET WEATHER FLOW TO COMBINED SEWER PER YEAR: **67 MILLION GALLONS (90% REDUCTION)**

IMPROVED WATER QUALITY AND **REDUCTION OF HARMFUL ALGAL BLOOMS**





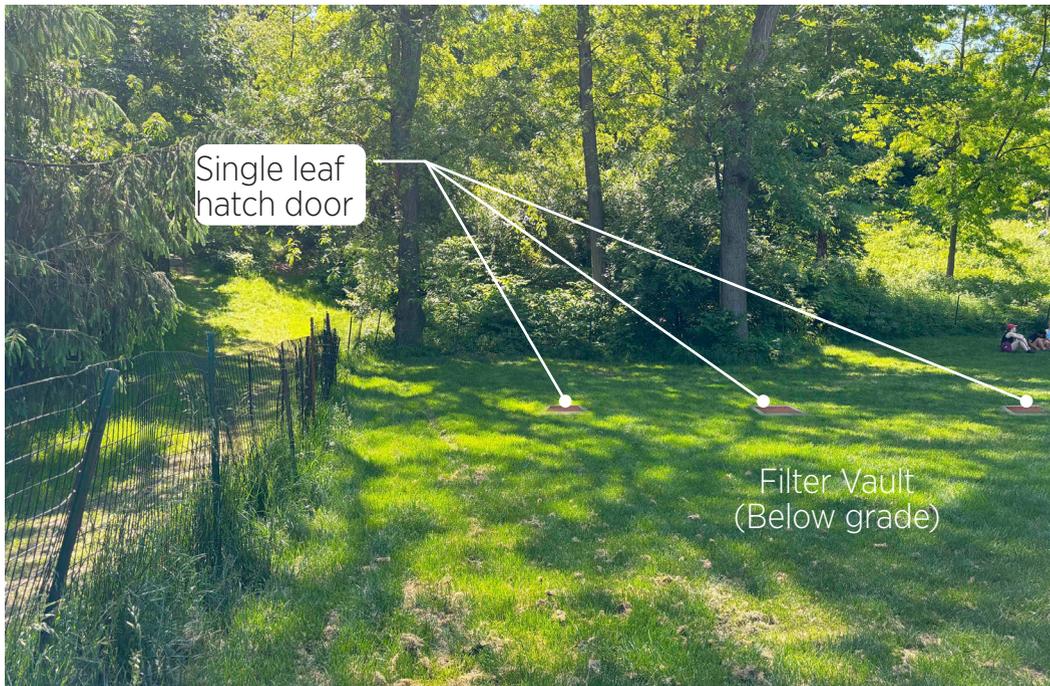
	Surface Features	Material and Finish	Dimensions (lxdxh)
A	Single leaf hatch door	Aluminum with bronze anodized finish	Three 3' x 3'
B	Manhole cover	Cast Iron	Two 3.6' dia
	Manhole cover	Cast Iron	1'10" dia
C	Kiosk rear wall elements		
	Electrical disconnects	Stainless steel with brushed matte finish	Two 1.6' x 0.75' x 2.5'
	Terminal cabinet	Stainless steel with brushed matte finish	1' x 0.6' x 1'
	Opti cabinet	Fiberglass	1.65' x 1.5' x 0.66'
	Uninterrupted power Supply	Stainless steel with brushed matte finish	1.88' x 1.6' x 1.63'
D	Electrical cabinet enclosure	Powder coated aluminum (Benjamin Moore Essex Green color)	12' x 1.5' x 6'

A

SINGLE LEAF HATCH DOOR



EXISTING CONDITION



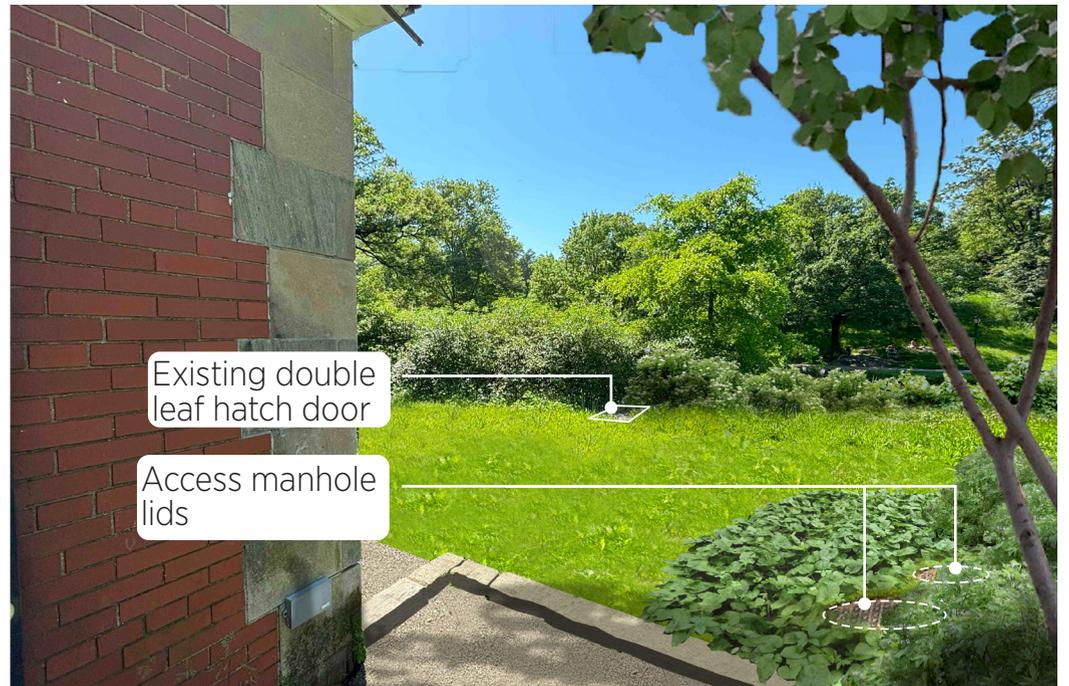
PROPOSED RENDERING

B

MANHOLE COVERS



EXISTING CONDITION



PROPOSED RENDERING

C

KIOSK
REAR WALL
ELEMENTS



EXISTING CONDITION



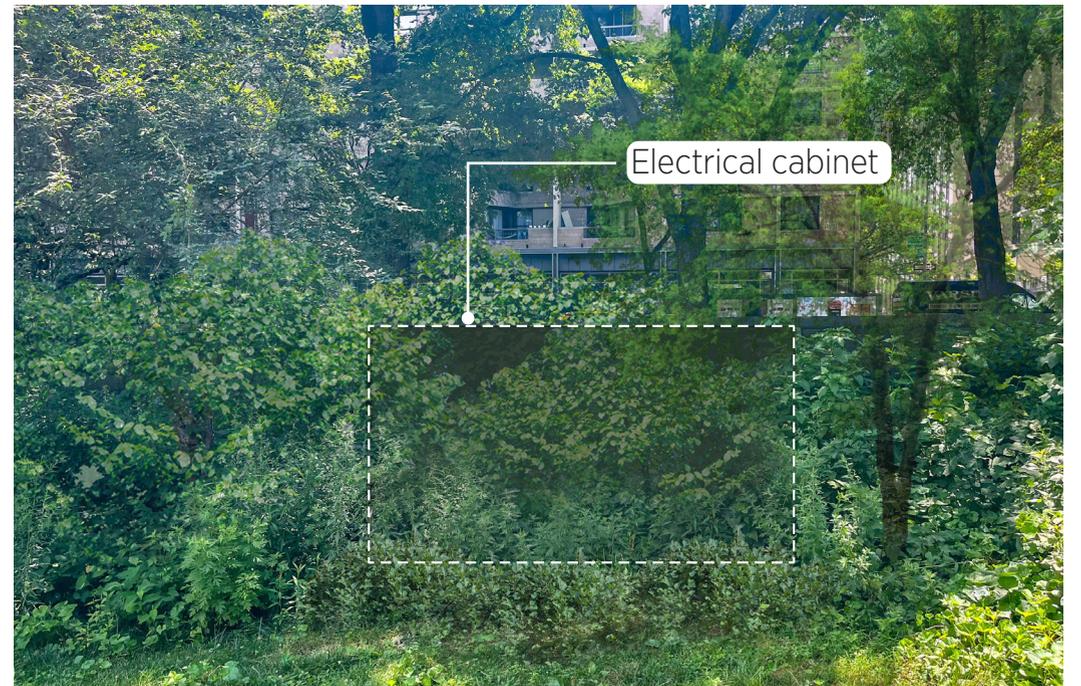
PROPOSED RENDERING

D

ELECTRICAL
CABINET



EXISTING CONDITION



PROPOSED RENDERING

Adam Clayton Powell Jr Blvd

Central Park North

F Electrical cabinet

Access manhole lid in lawn

East Drive

G

Malcolm X Blvd

North Woods

G Access manhole lids in lawn

	Surface Features	Material and Finish	Dimensions (lxdxh)
F	Electrical Cabinet Enclosure	Powder coated aluminum (Benjamin Moore Essex Green color)	12' x 1.5' x 6'
G	Manhole cover	Cast Iron	1'10" dia
	Manhole cover	Cast Iron	Two 3.6' dia

F

ELECTRICAL CABINET



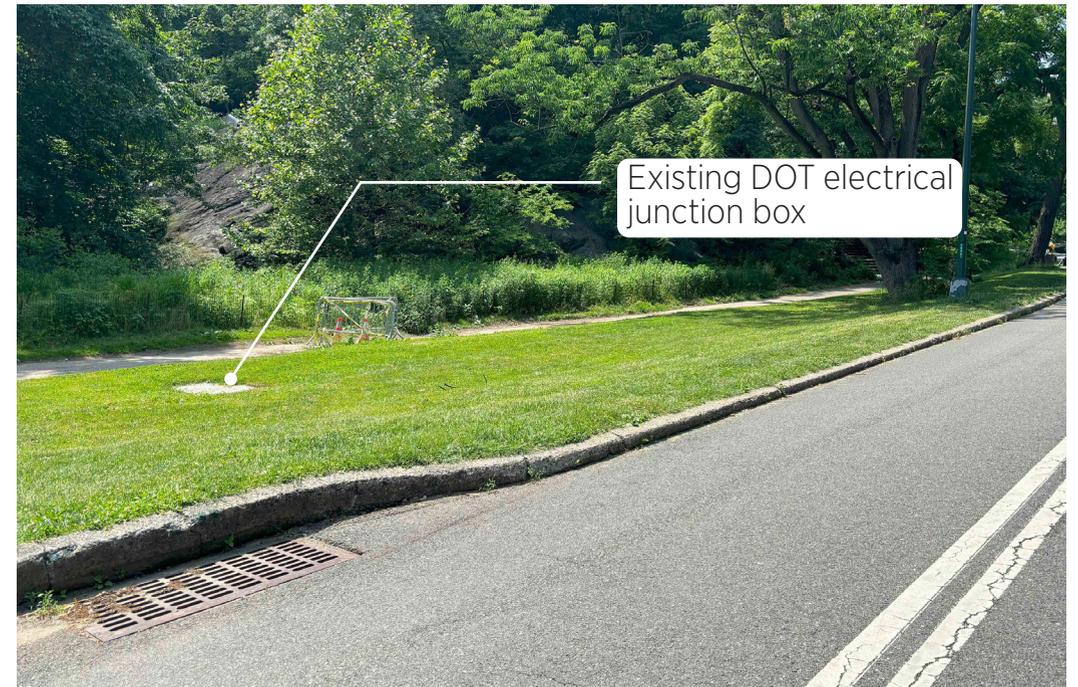
EXISTING CONDITION



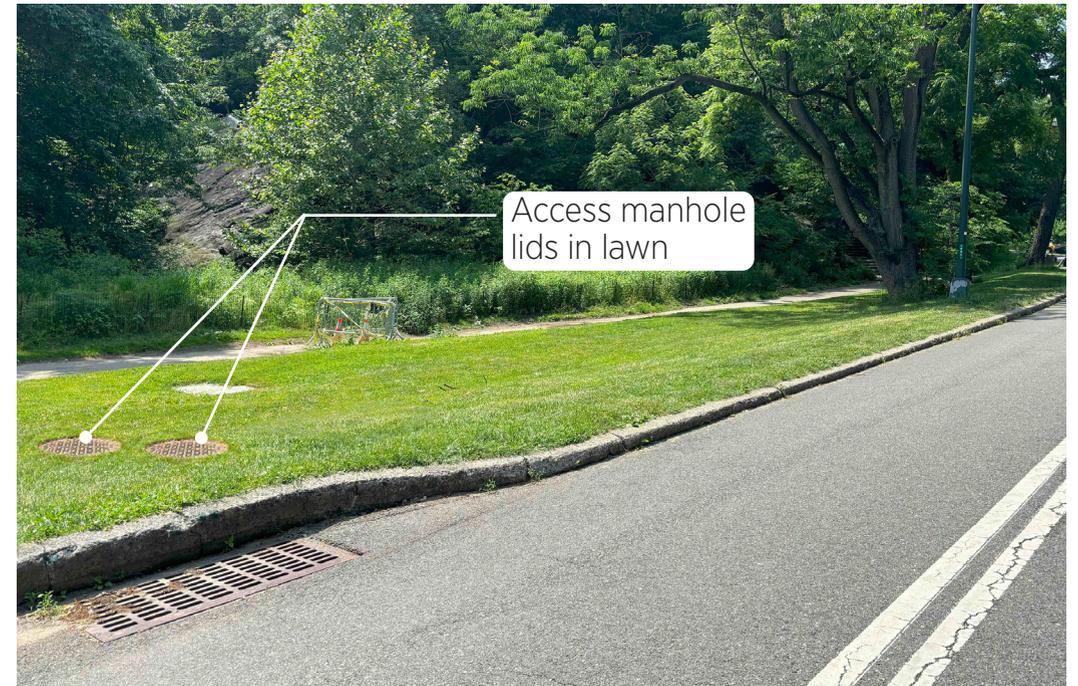
PROPOSED RENDERING

G

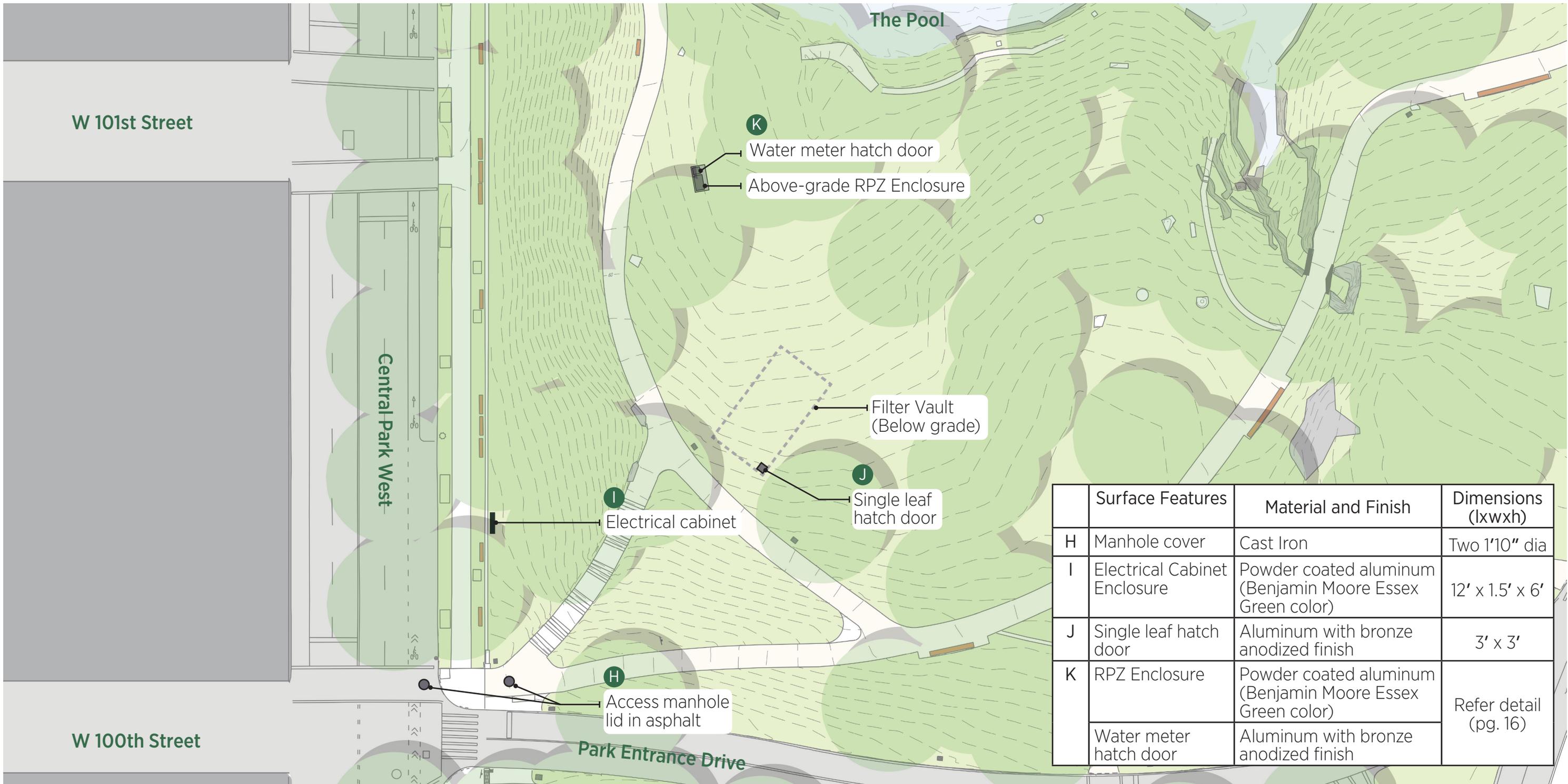
MANHOLE COVERS



EXISTING CONDITION

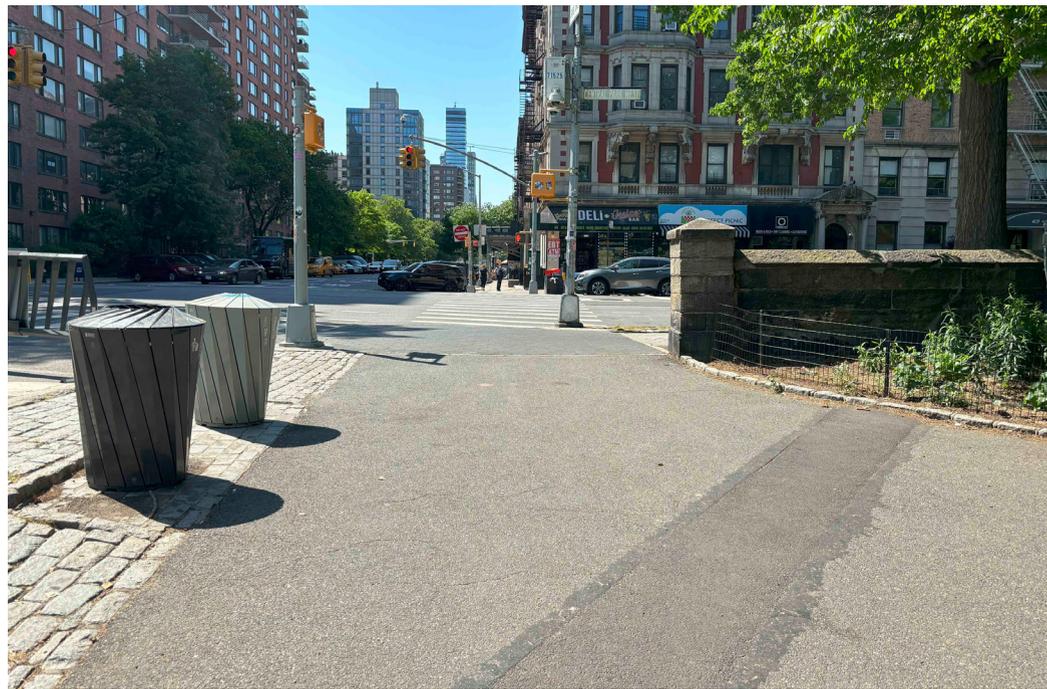


PROPOSED RENDERING



H

MANHOLE
LID IN
ASPHALT



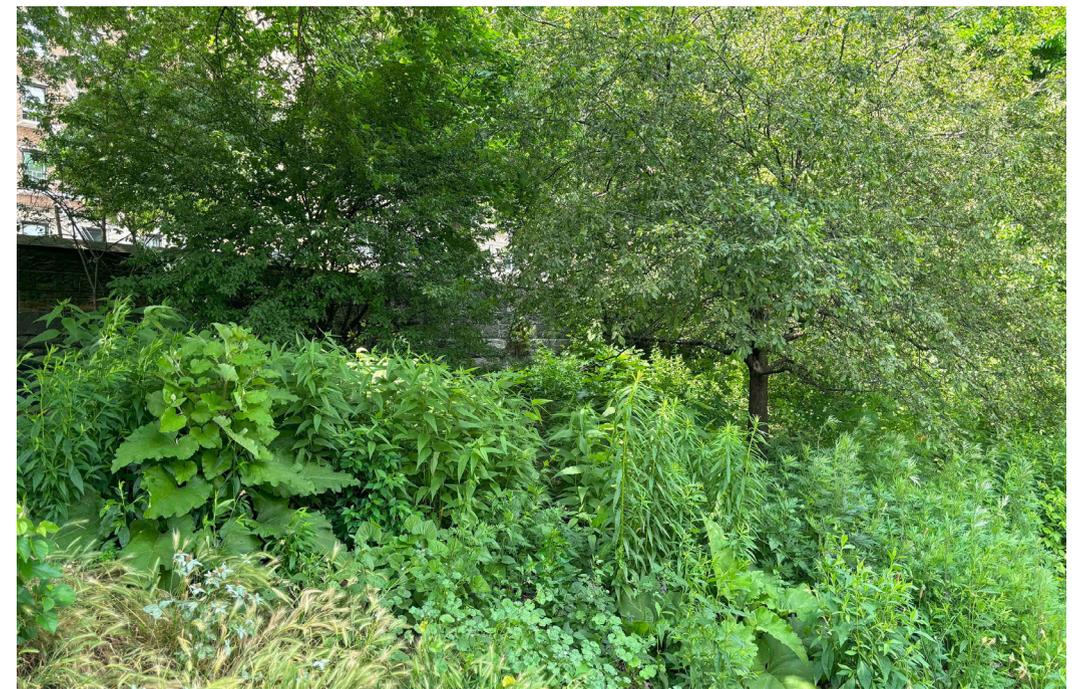
EXISTING CONDITION



PROPOSED RENDERING

I

ELECTRICAL
CABINET



EXISTING CONDITION



PROPOSED RENDERING

J

SINGLE LEAF HATCH DOOR



EXISTING CONDITION



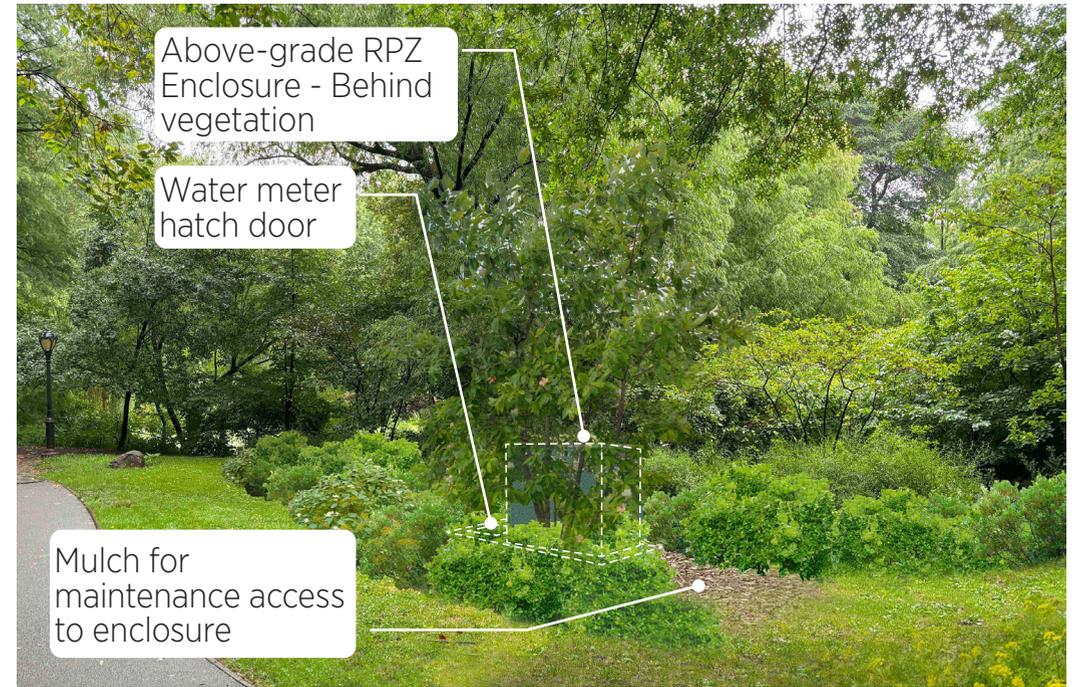
PROPOSED RENDERING

K

WATER METER & RPZ ENCLOSURE



EXISTING CONDITION



PROPOSED RENDERING

AQUATIC SHORELINE AND EMERGENT PLANTINGS

WOODY PLANTS



Buttonbush
Cephalanthus occidentalis



Inkberry
Ilex glabra



Winterberry
Ilex verticillata



Sweetbay Magnolia
Magnolia virginiana



Swamp Azalea
Rhododendron viscosum



Swamp Rose
Rosa palustris



Arrowwood Viburnum
Viburnum dentatum



Possumhaw Viburnum
Viburnum nudum

HERBACEOUS PLANTS



American Sweet Flag
Acorus americanus



Swamp Milkweed
Asclepias incarnata



Tussock Sedge
Carex stricta



Swamp Rose Mallow
Hibiscus moscheutos



Blue Flag Iris
Iris versicolor



Common Rush
Juncus effusus



Cardinal Flower
Lobelia cardinalis



Green Arrow Arum
Peltandra virginica



Pickerel Weed
Pontederia cordata



American Bur-reed
Sparganium americanum



Broadleaf Arrowhead
Sagittaria latifolia

UPLAND PLANTINGS

WOODY PLANTS



Bottlebrush Buckeye
Aesculus parvifolia



Red Buckeye
Aesculus pavia



Black Chokeberry
Aronia melanocarpa



Redbud
Cercis canadensis



Common Witchhazel
Hamamelis virginiana



Smooth Hydrangea
Hydrangea arborescens



Oakleaf Hydrangea
Hydrangea quercifolia



Northern Bayberry
Myrica pensylvanica



Flowering Raspberry
Rubus odoratus



Blackhaw Viburnum
Viburnum prunifolium

HERBACEOUS PLANTS



Black Cohosh
Actaea racemosa



Pennsylvania Sedge
Carya pensylvanica



Bottlebrush Grass
Elymus hystrix



White Wood Aster
Eurybia divaricata



Big-leaved Aster
Eurybia macrophylla



American Alumroot
Heuchera americana



Bluestem Goldenrod
Solidago caesia



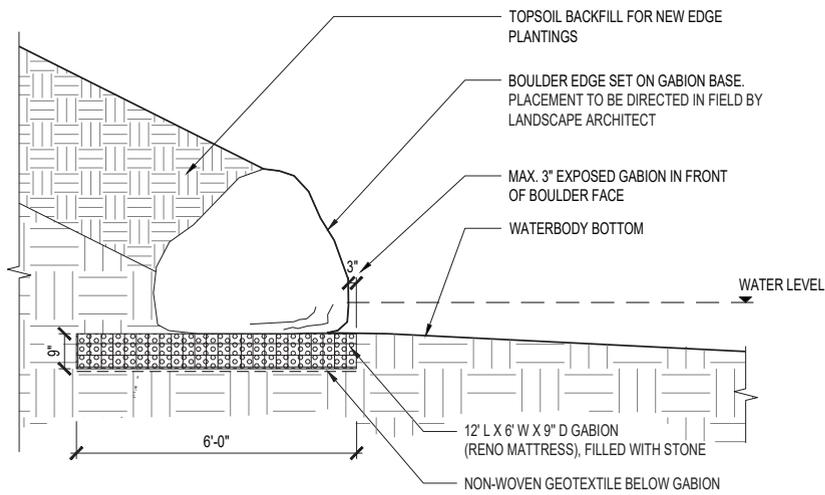
Zigzag Goldenrod
Solidago flexicaulis



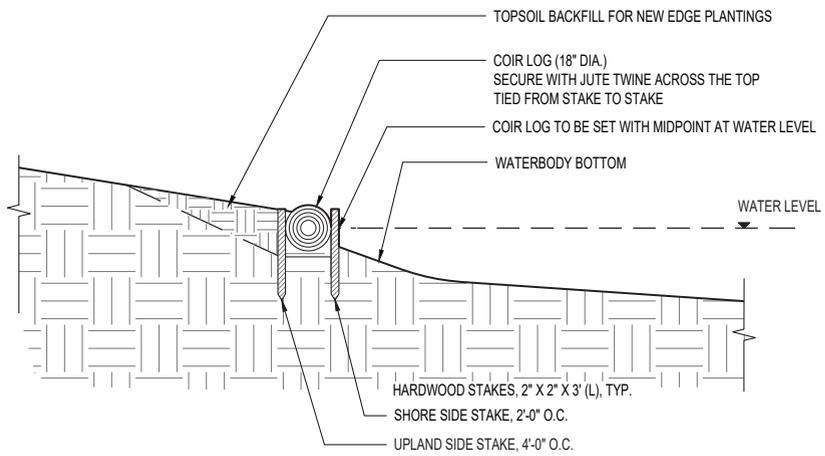
Blue Wood Aster
Symphyotrichum cordifolium



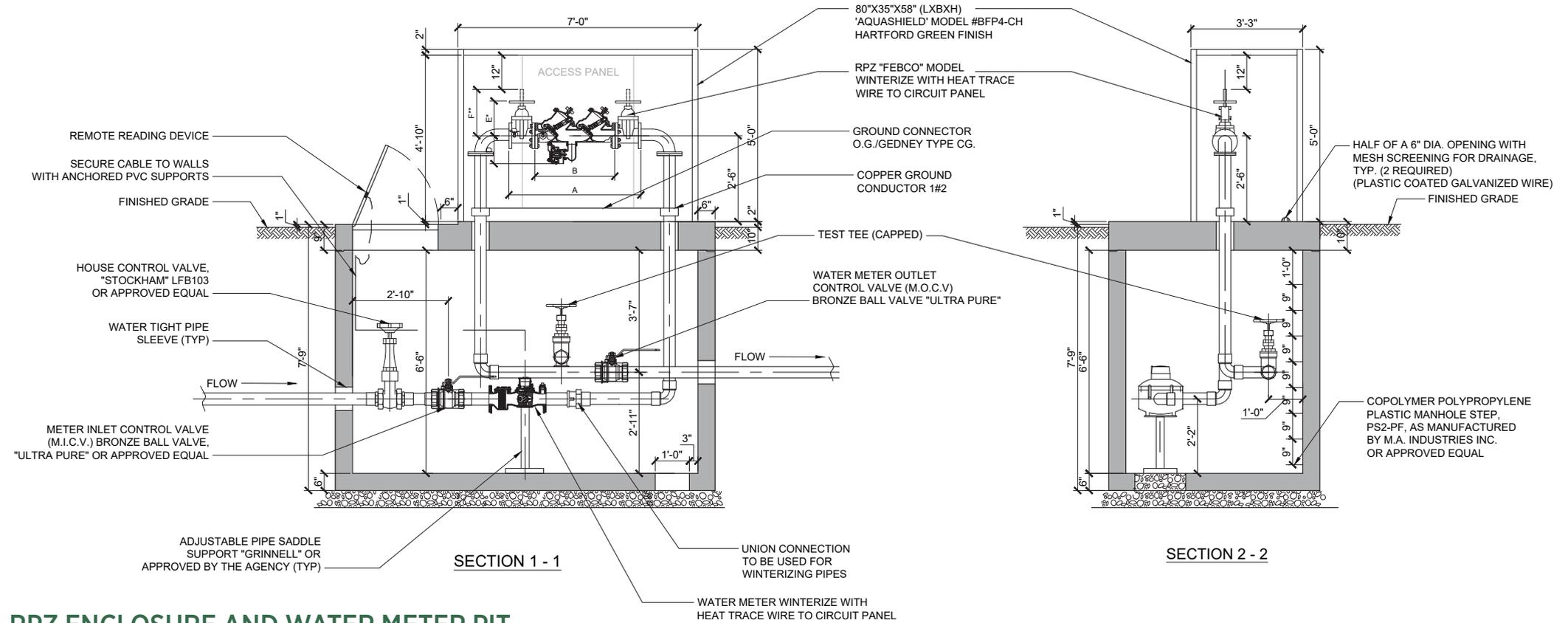
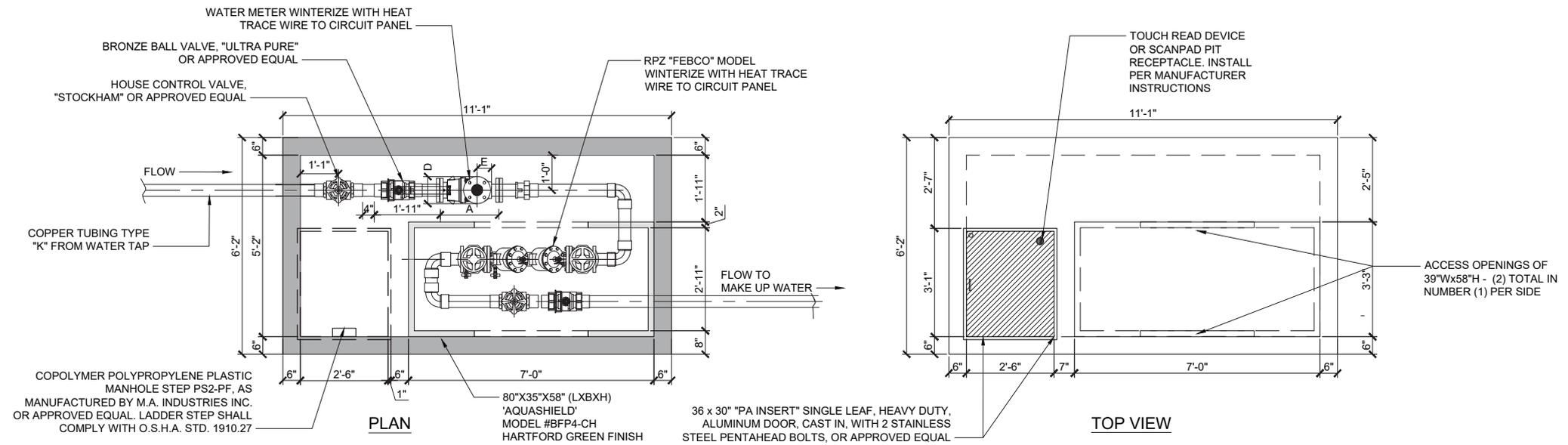
Golden Alexander
Zizia aurea



BOULDER ON GABION



COIR LOG EDGE



RPZ ENCLOSURE AND WATER METER PIT