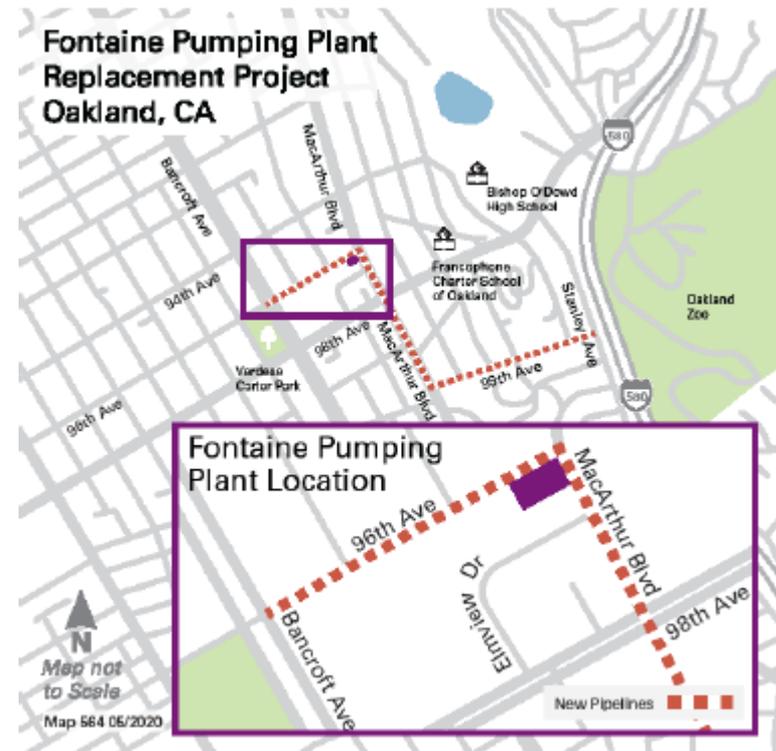


Fontaine Pumping Plant Replacement Project



Community Meeting
June 23, 2020

Project Team



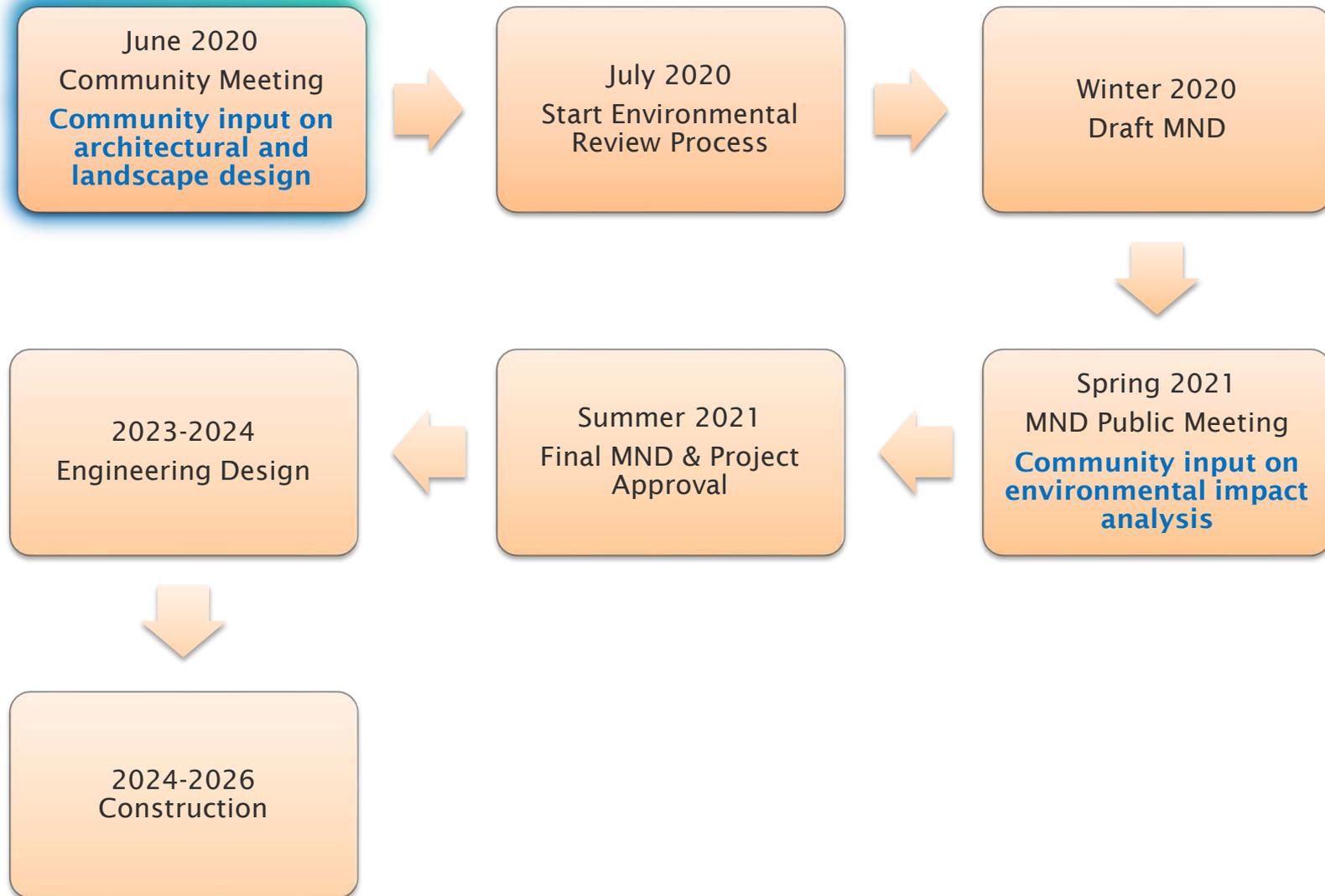
- EBMUD
 - David Rehnstrom, P.E., Division Manager
 - Bill Maggiore, P.E., Senior Engineer
 - Dan Jones, P.E., Project Manager
 - Laura Luong, Community Affairs
- Consultants
 - Panorama, Specialty CEQA Consultants
 - MWA, Architecture
 - Dillingham Associates, Landscape Architecture

Agenda

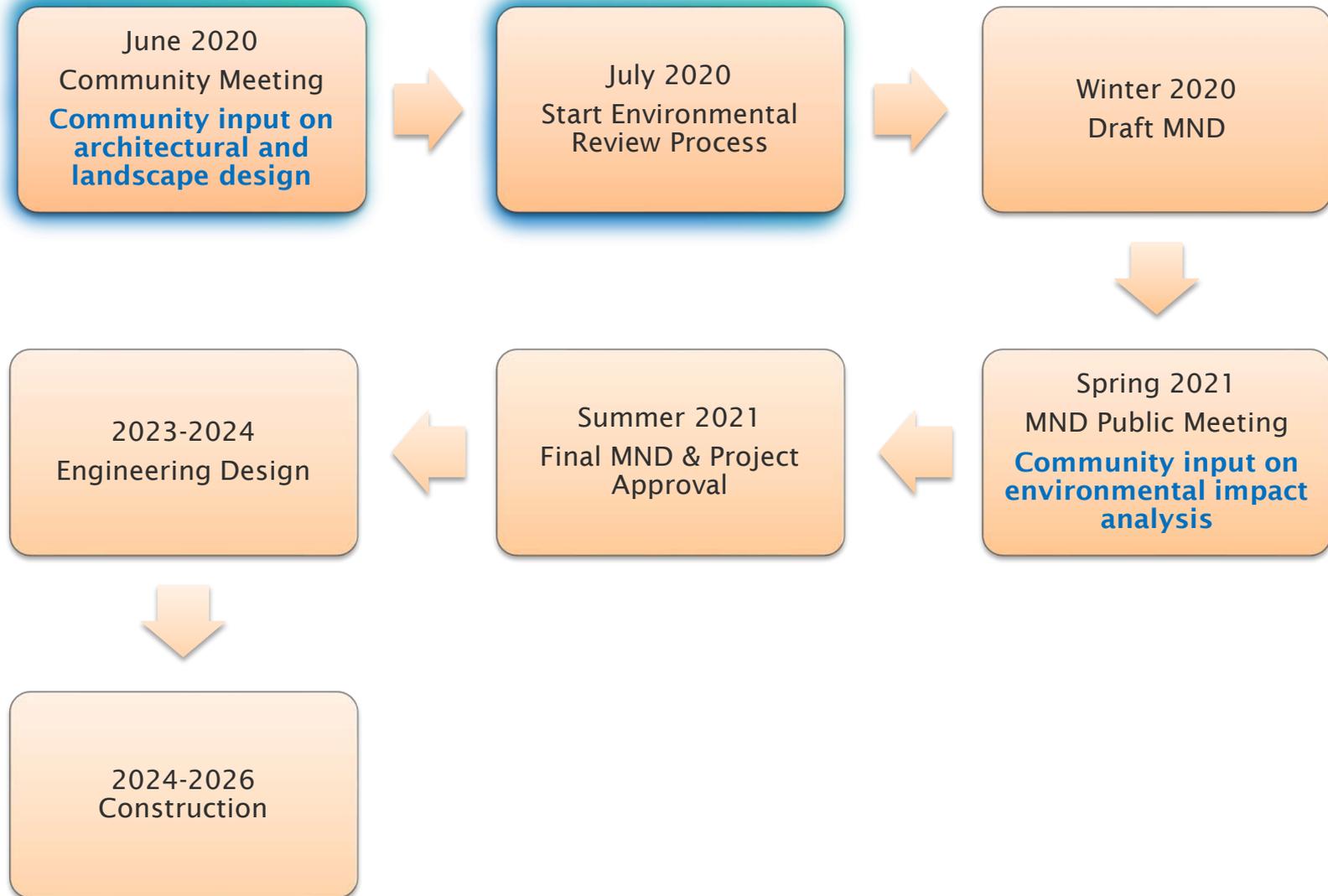


- Schedule
- Background
- Project Purpose & Need
- Site Planning
- Conceptual Architectural & Landscape Plans
- Q & A

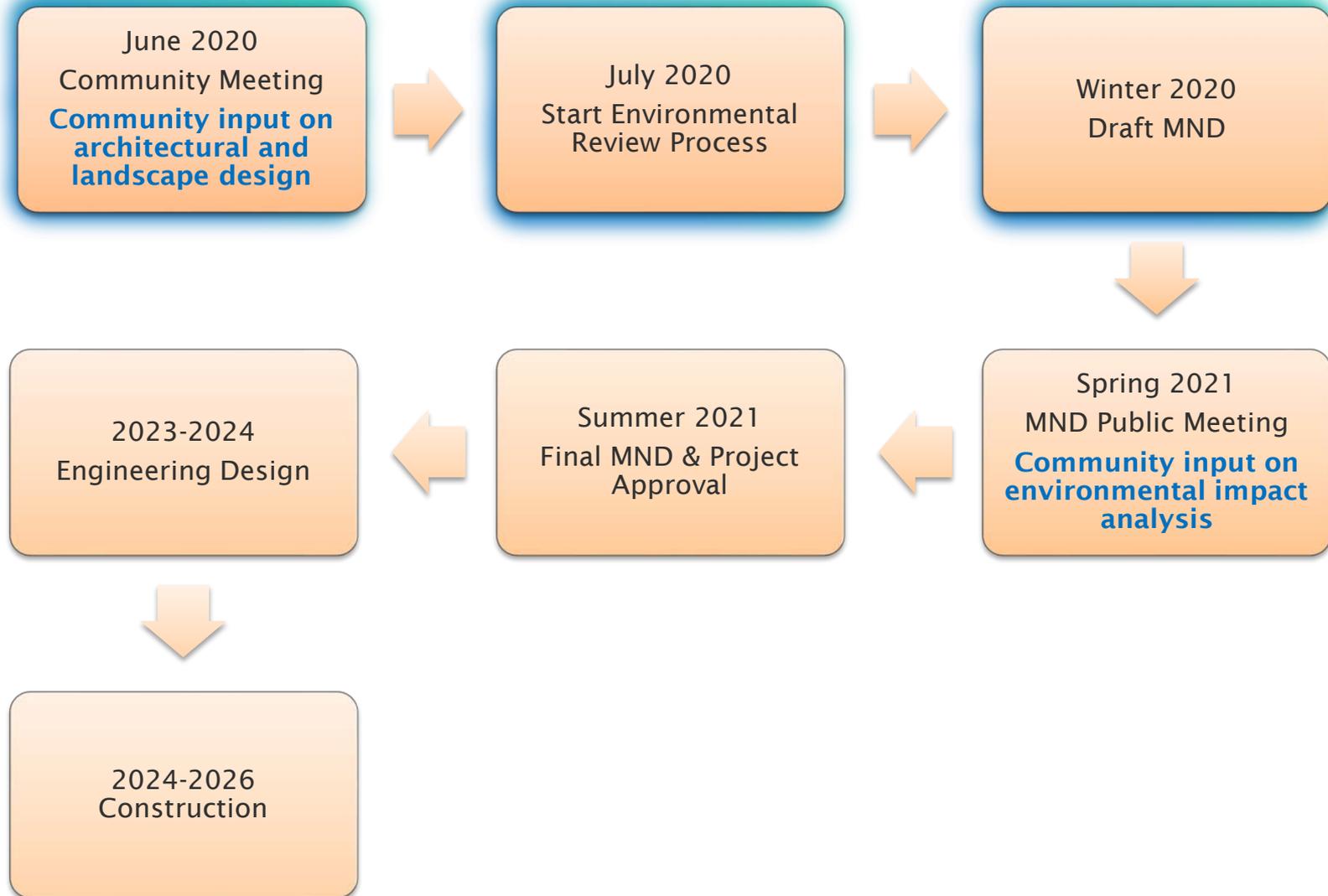
Fontaine Pumping Plant Replacement Schedule



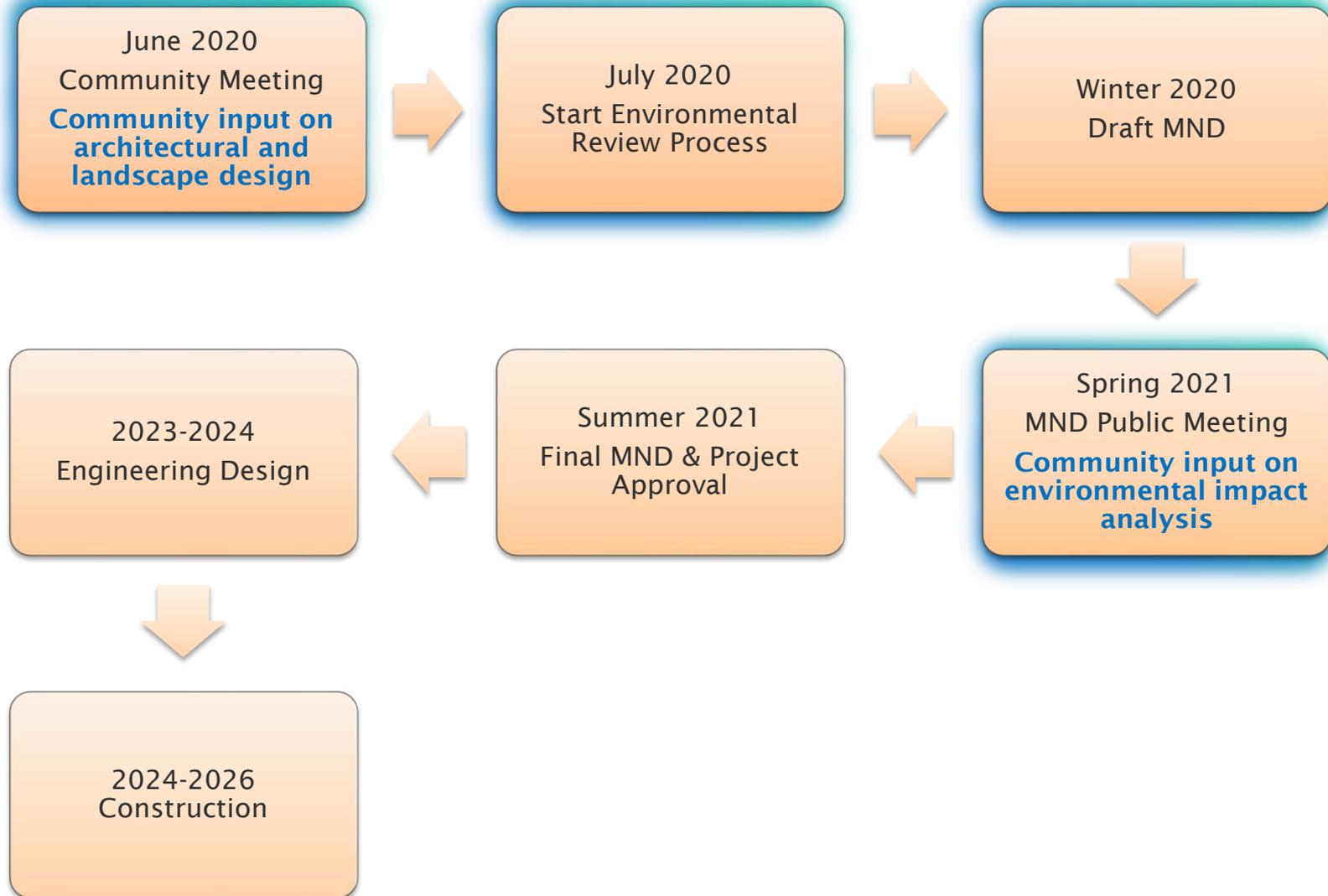
Fontaine Pumping Plant Replacement Schedule



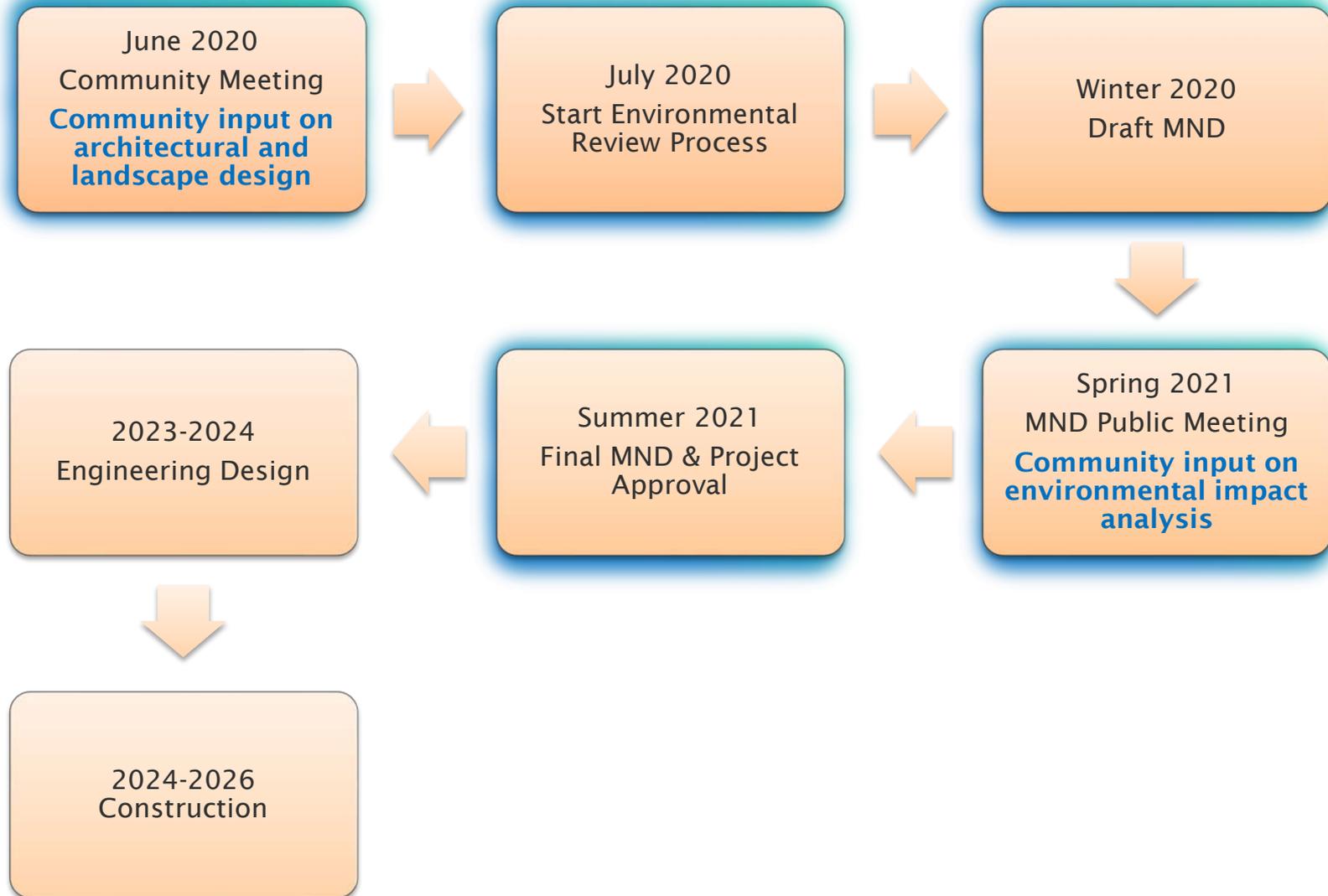
Fontaine Pumping Plant Replacement Schedule



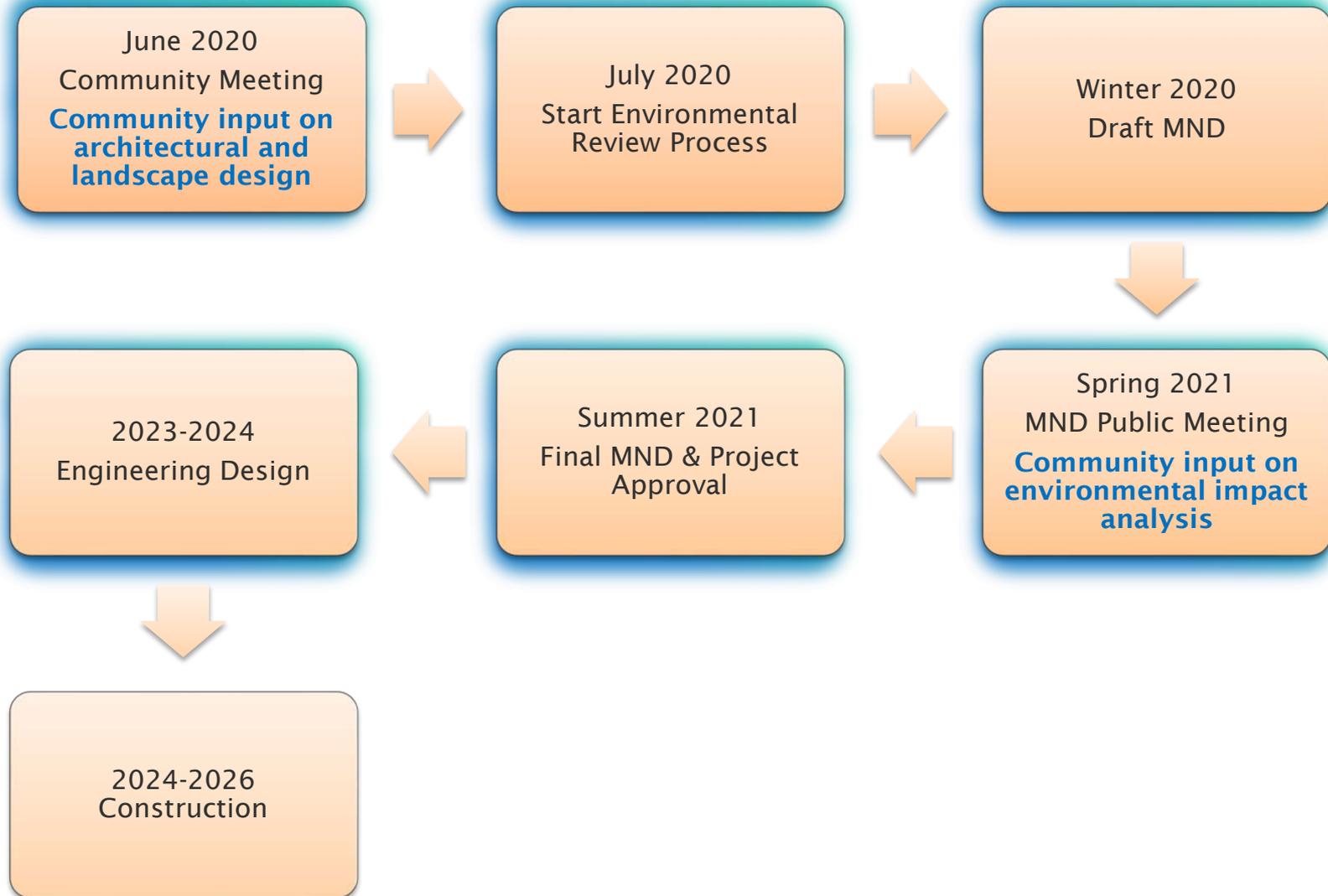
Fontaine Pumping Plant Replacement Schedule



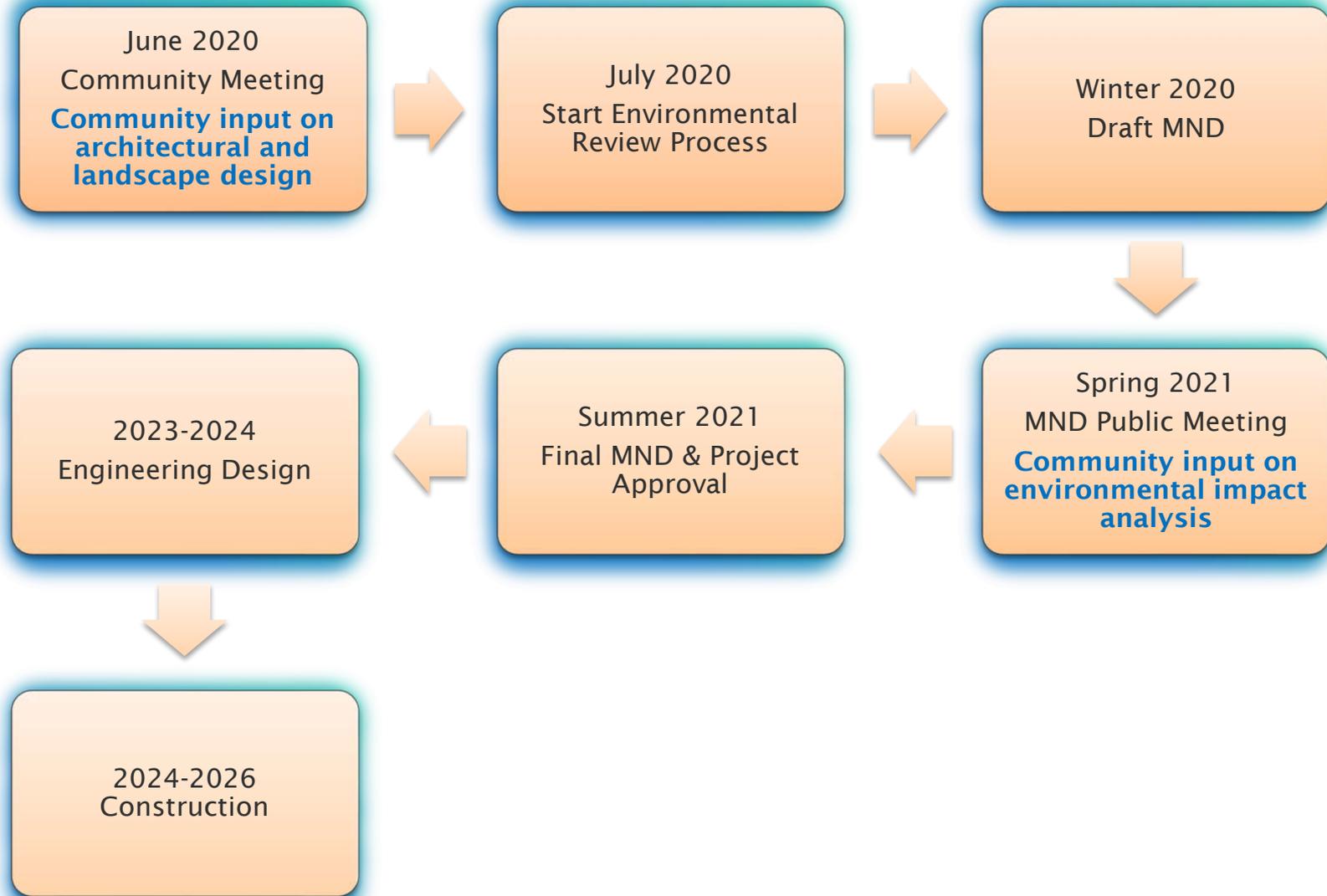
Fontaine Pumping Plant Replacement Schedule



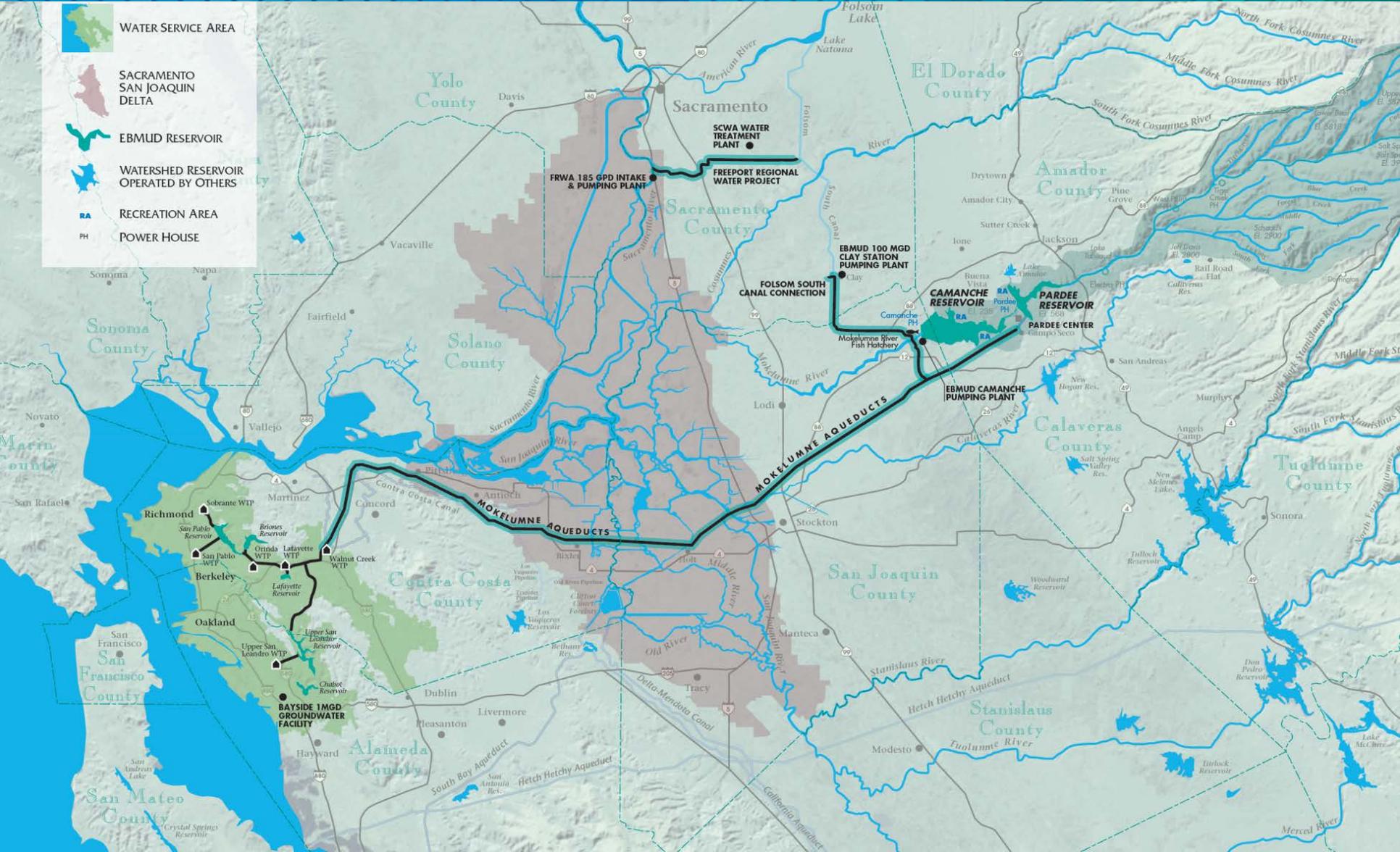
Fontaine Pumping Plant Replacement Schedule



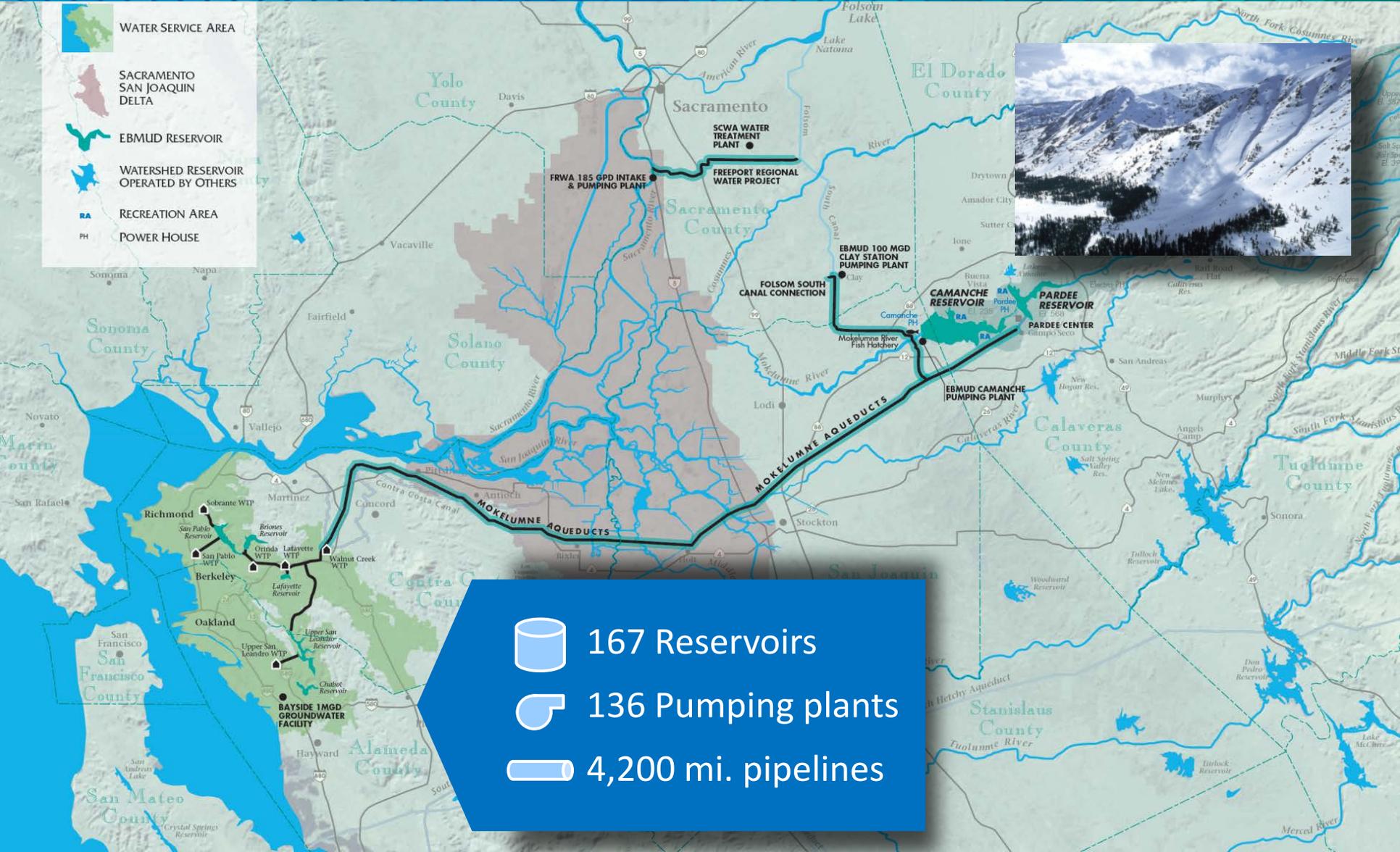
Fontaine Pumping Plant Replacement Schedule



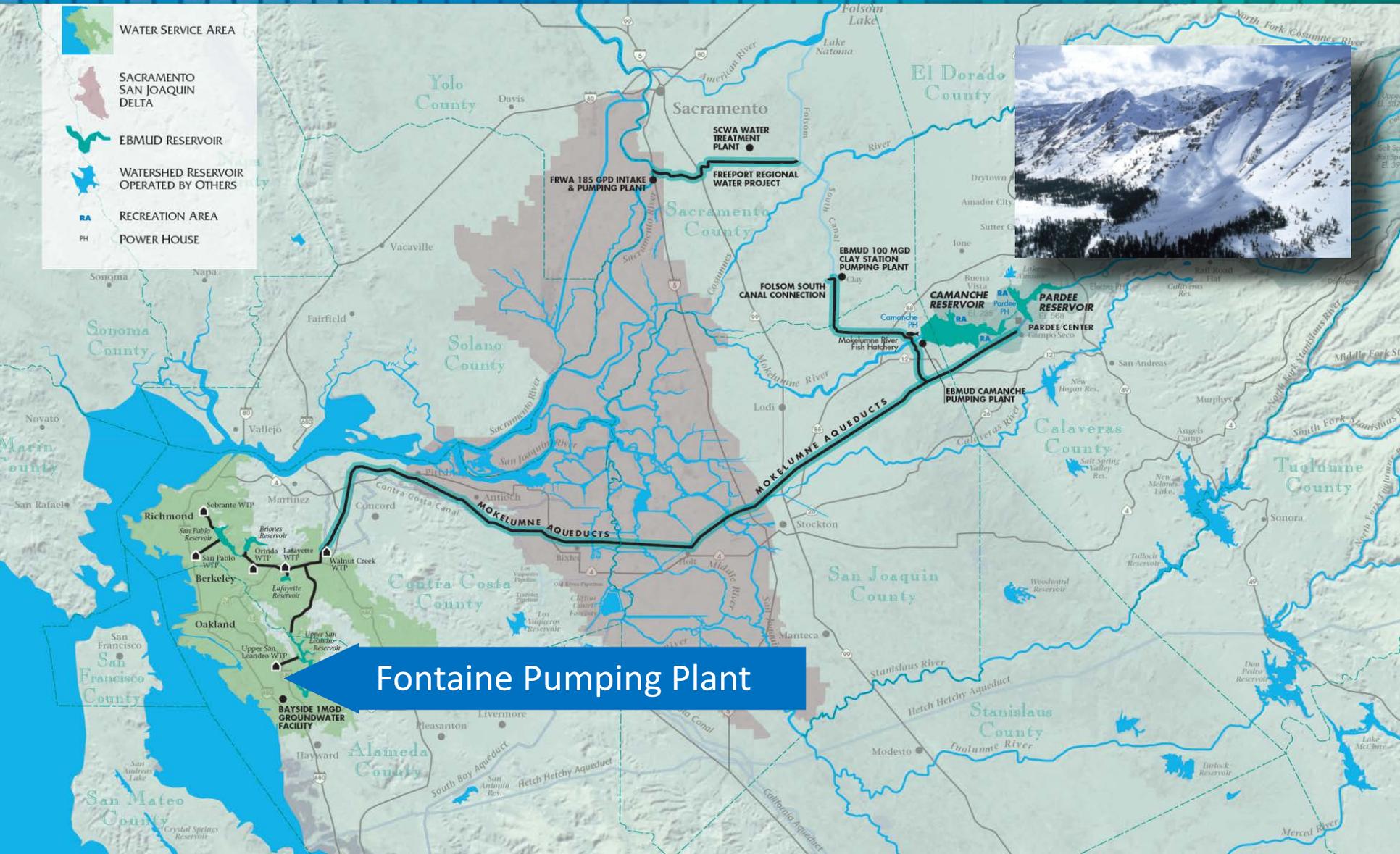
EBMUD Water System



EBMUD Water System

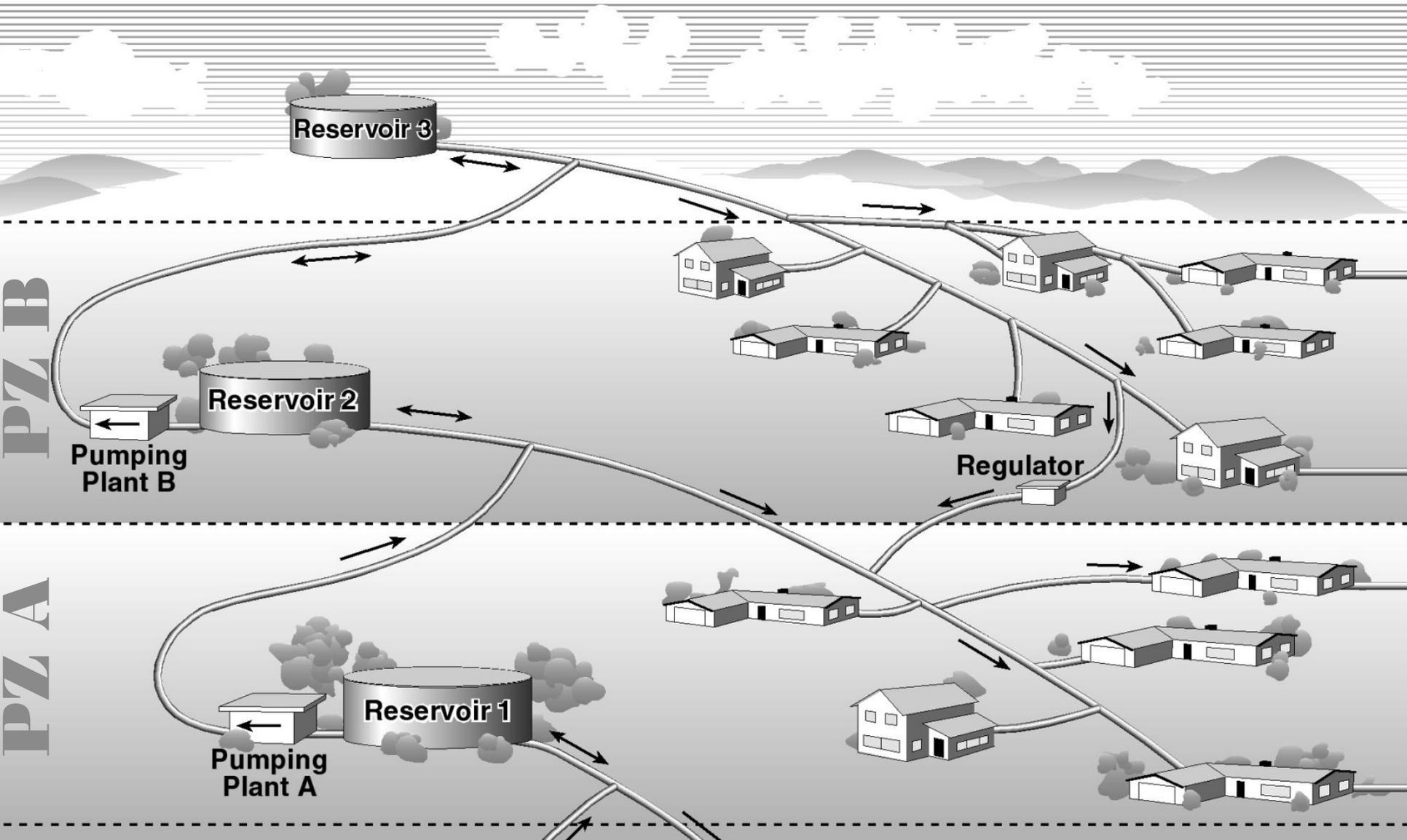


EBMUD Water System

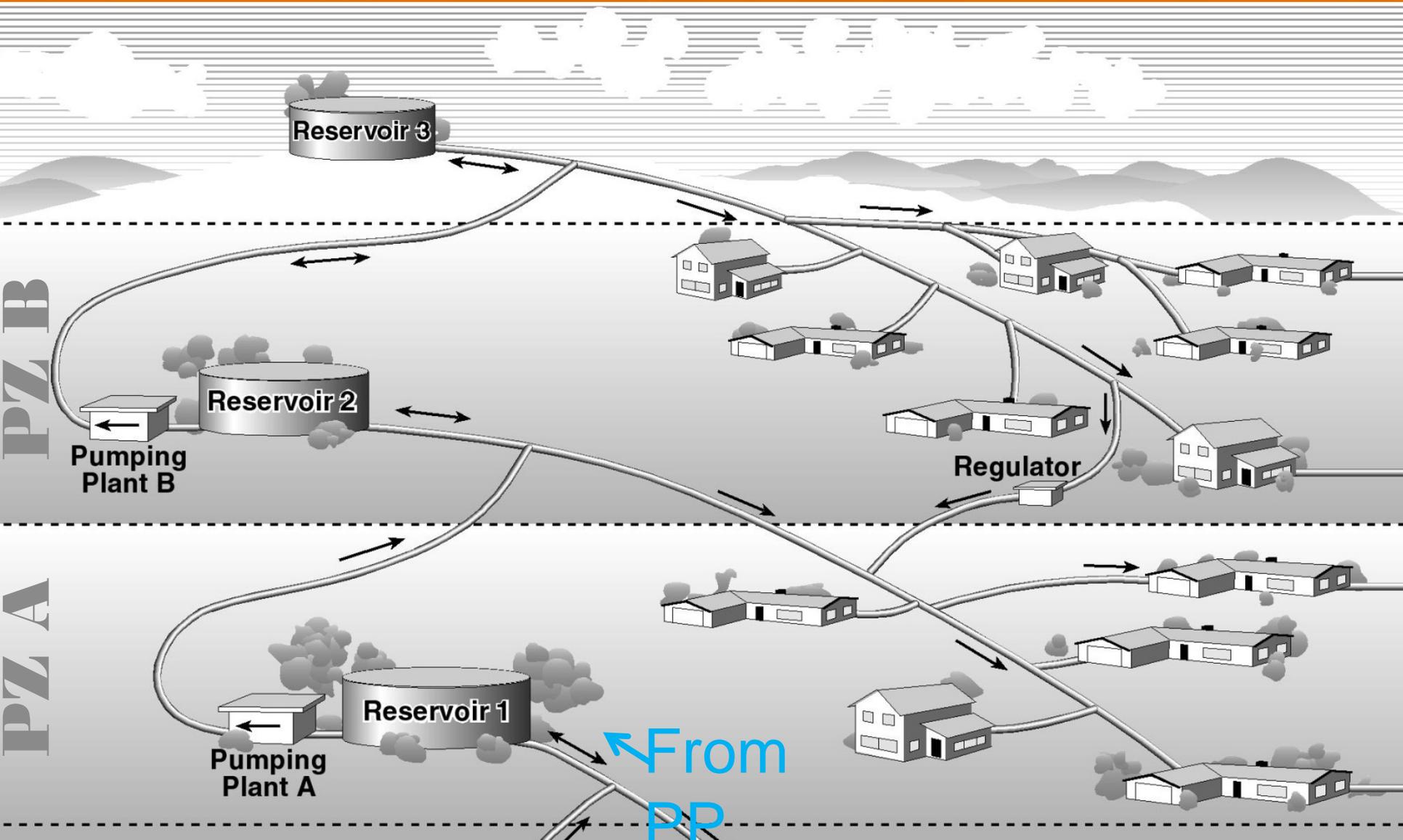


Fontaine Pumping Plant

Treated Water Distribution System



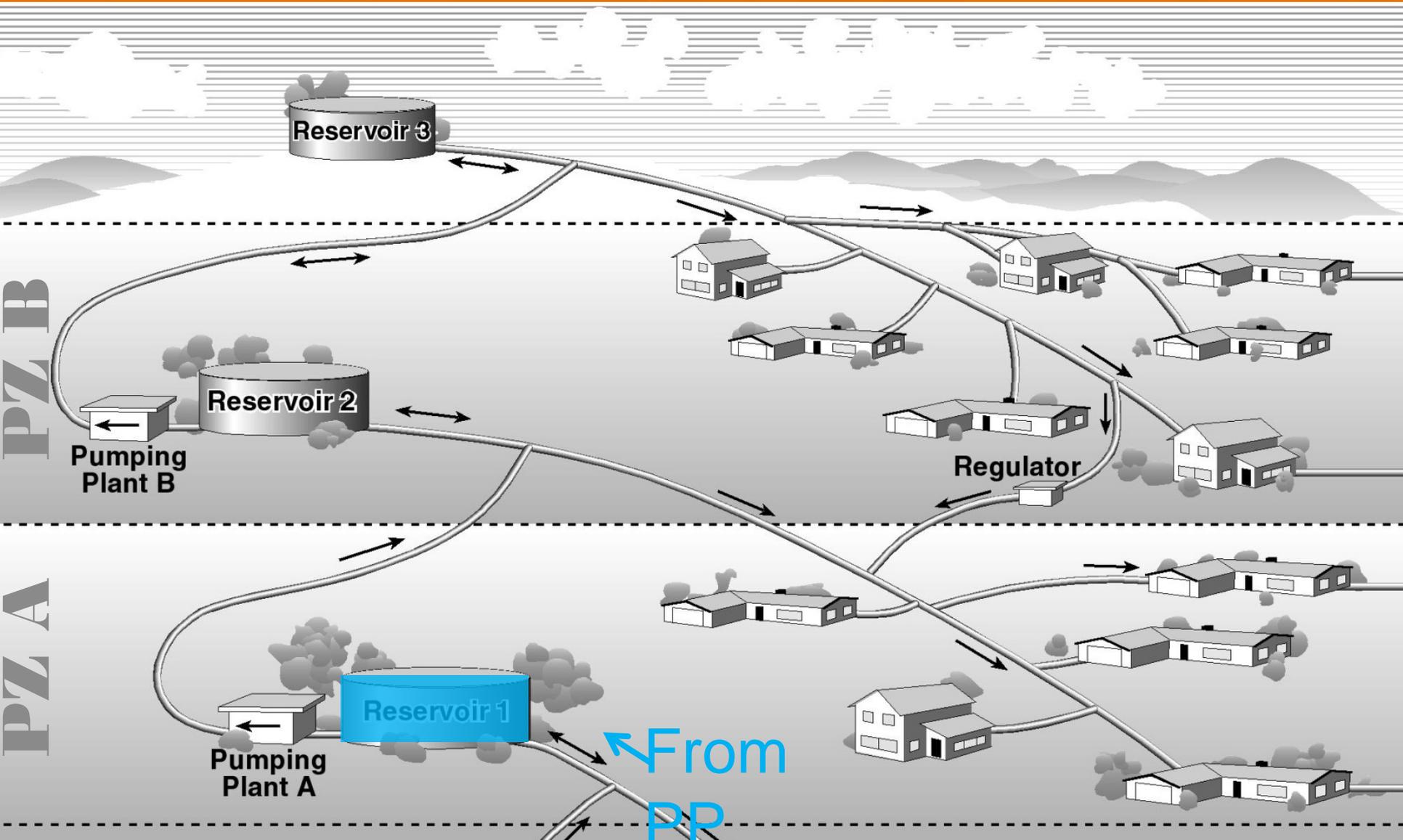
Treated Water Distribution System



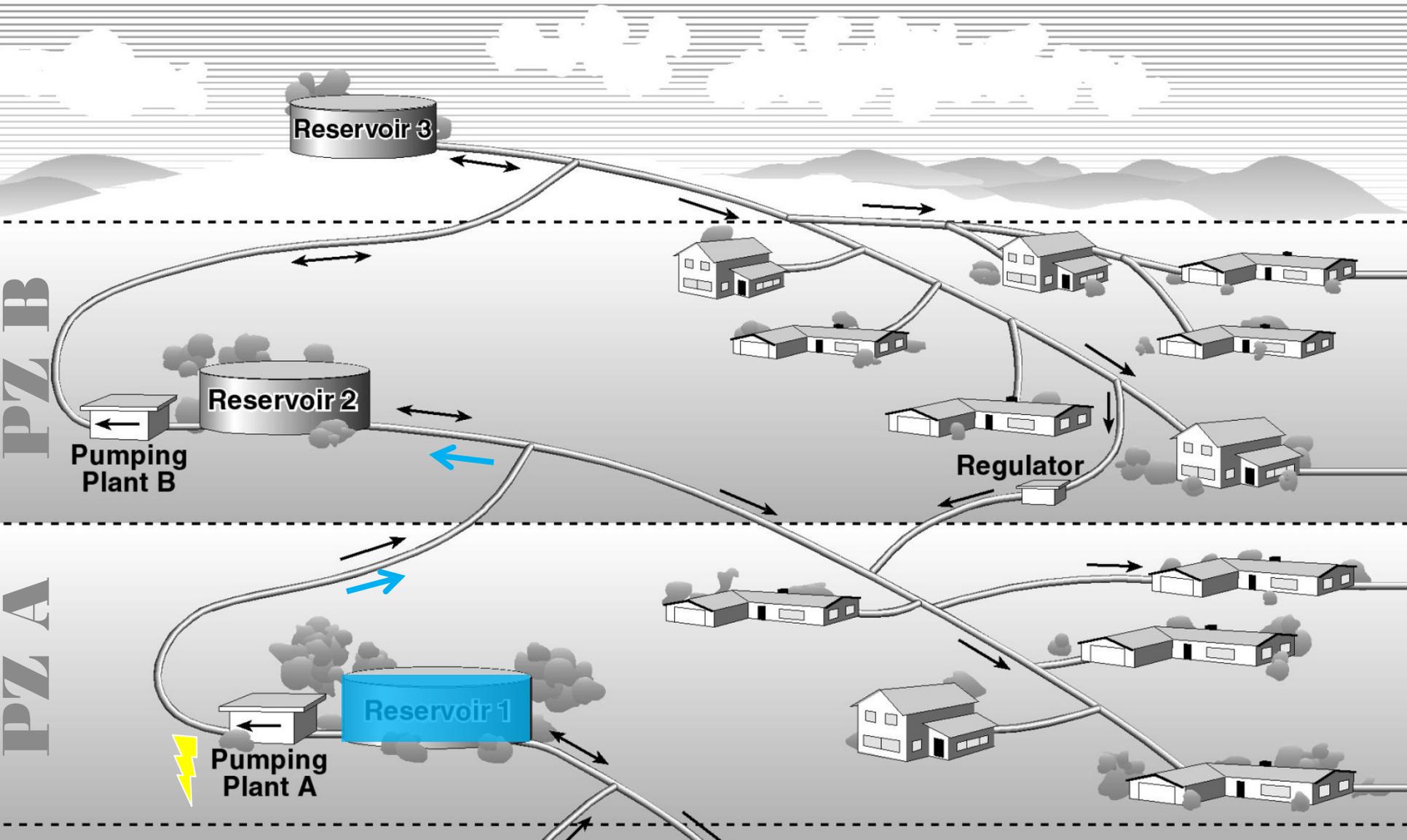
PZ B
PZ A

From
PP

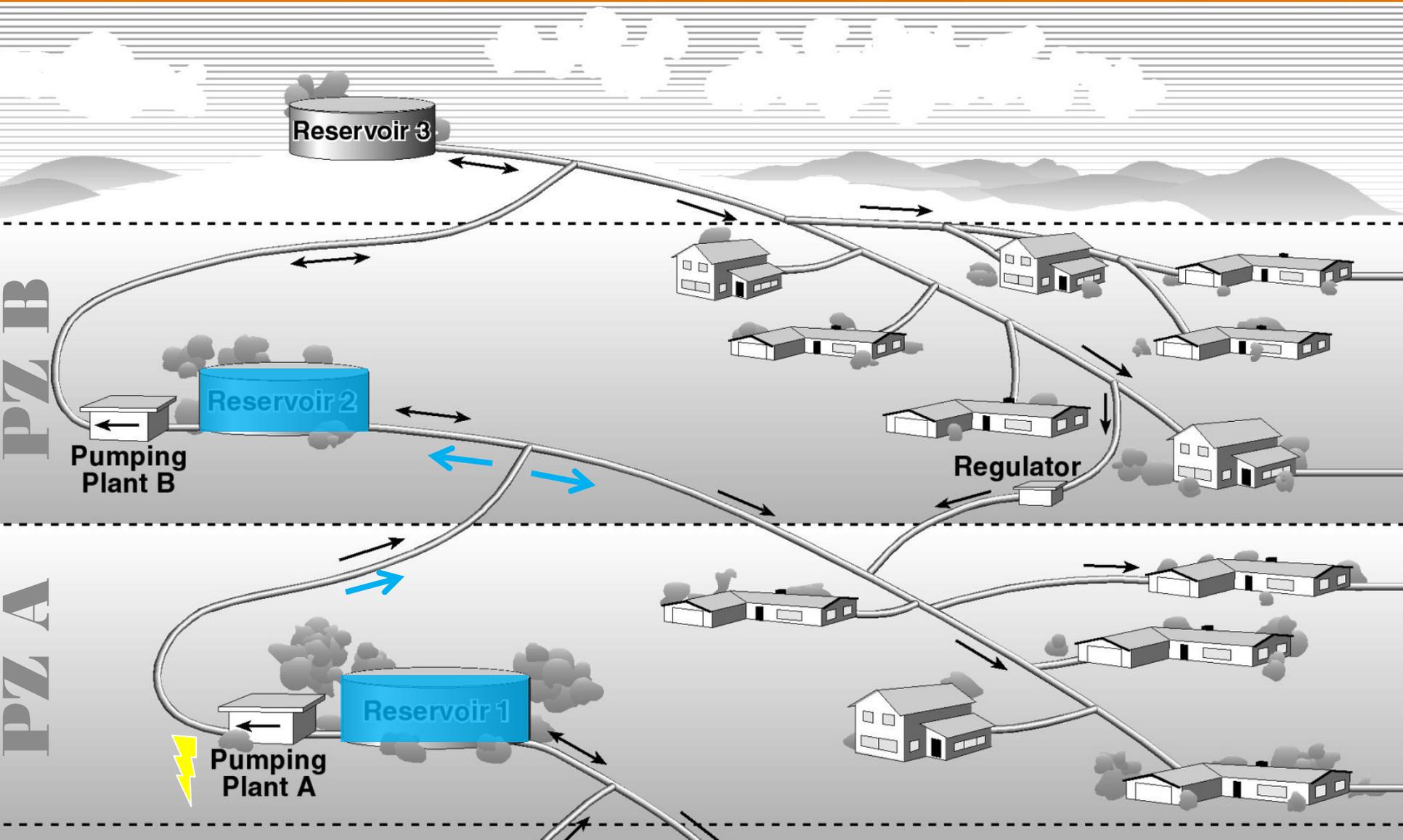
Treated Water Distribution System



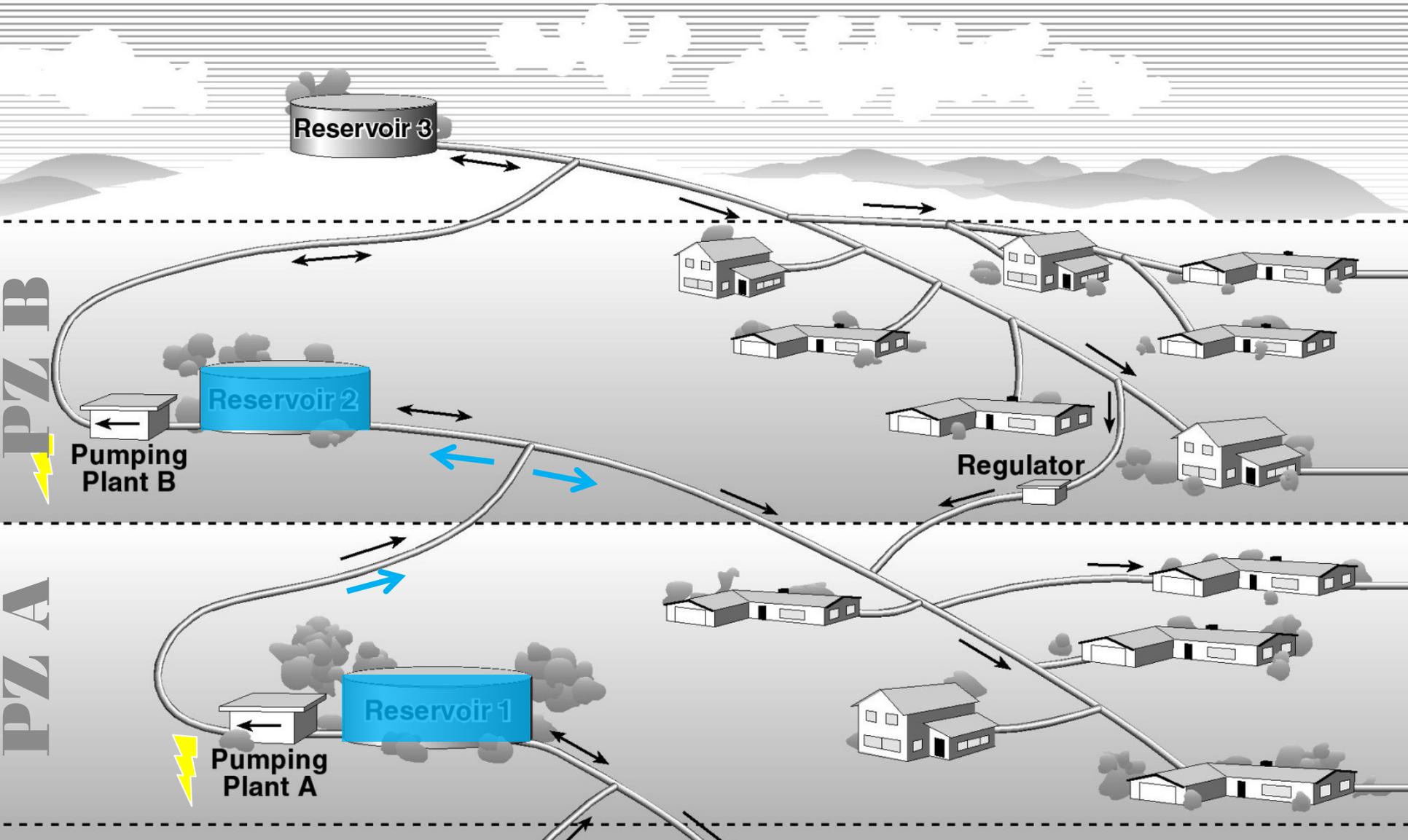
Treated Water Distribution System



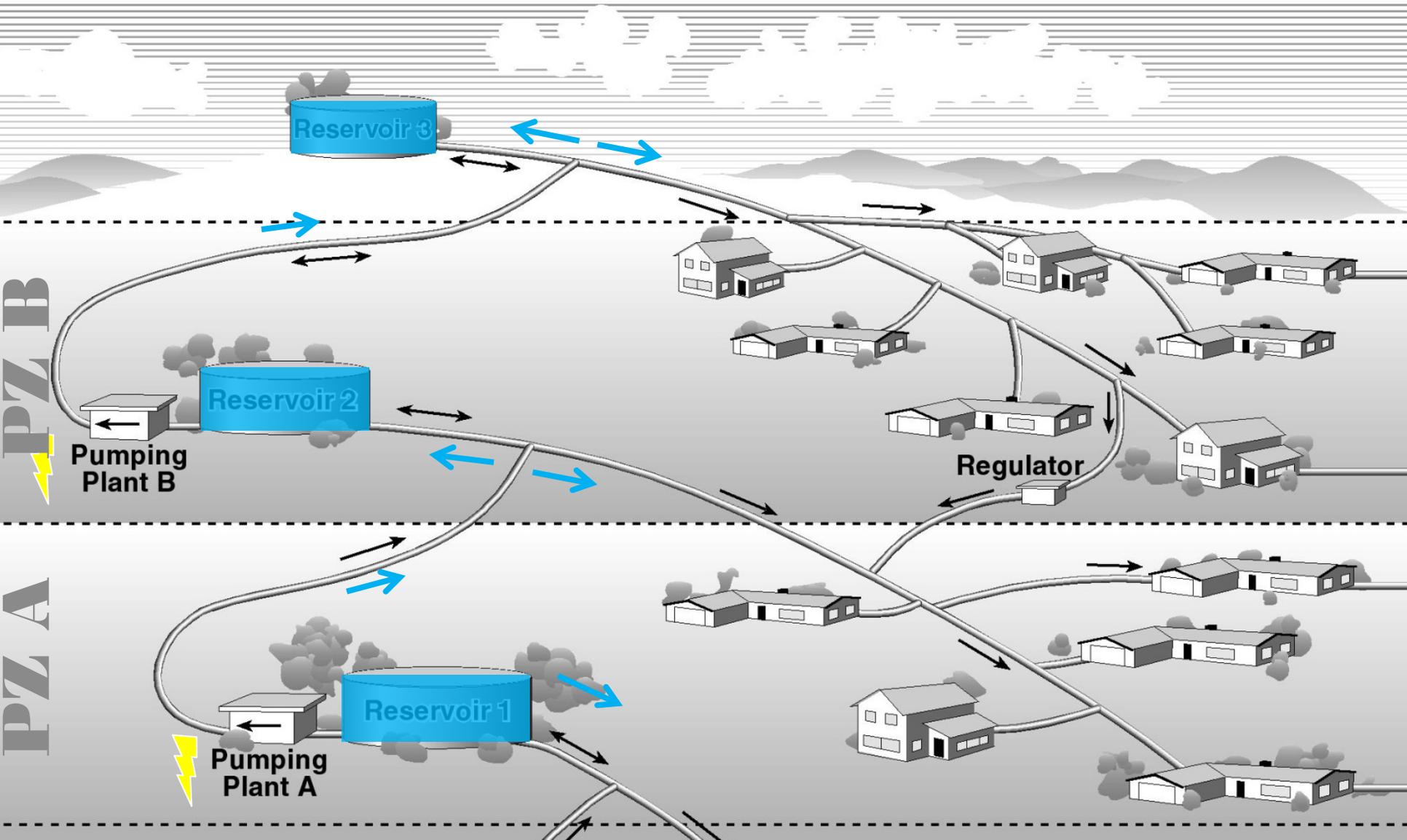
Treated Water Distribution System



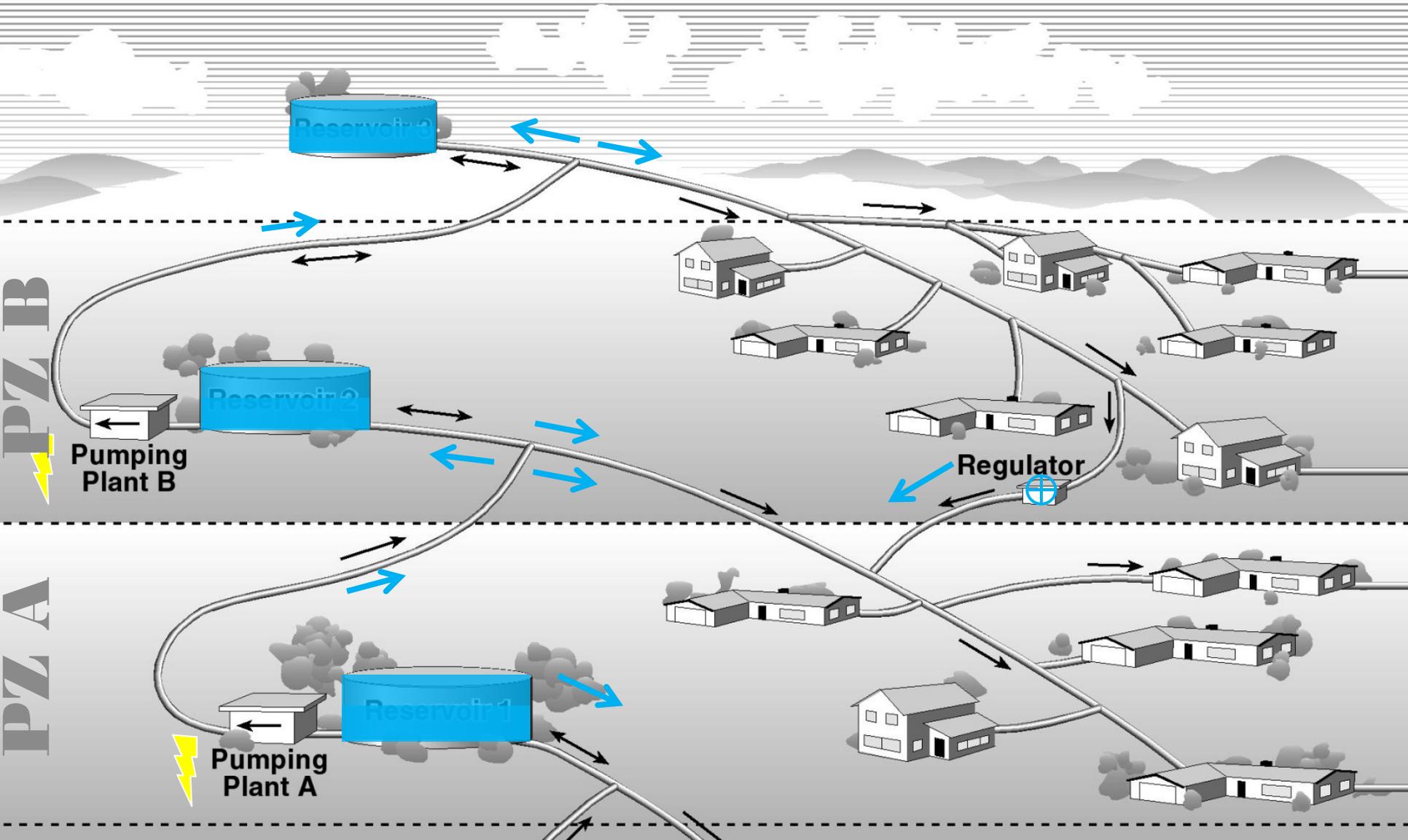
Treated Water Distribution System



Treated Water Distribution System



Treated Water Distribution System



Existing Fontaine Pumping Plant



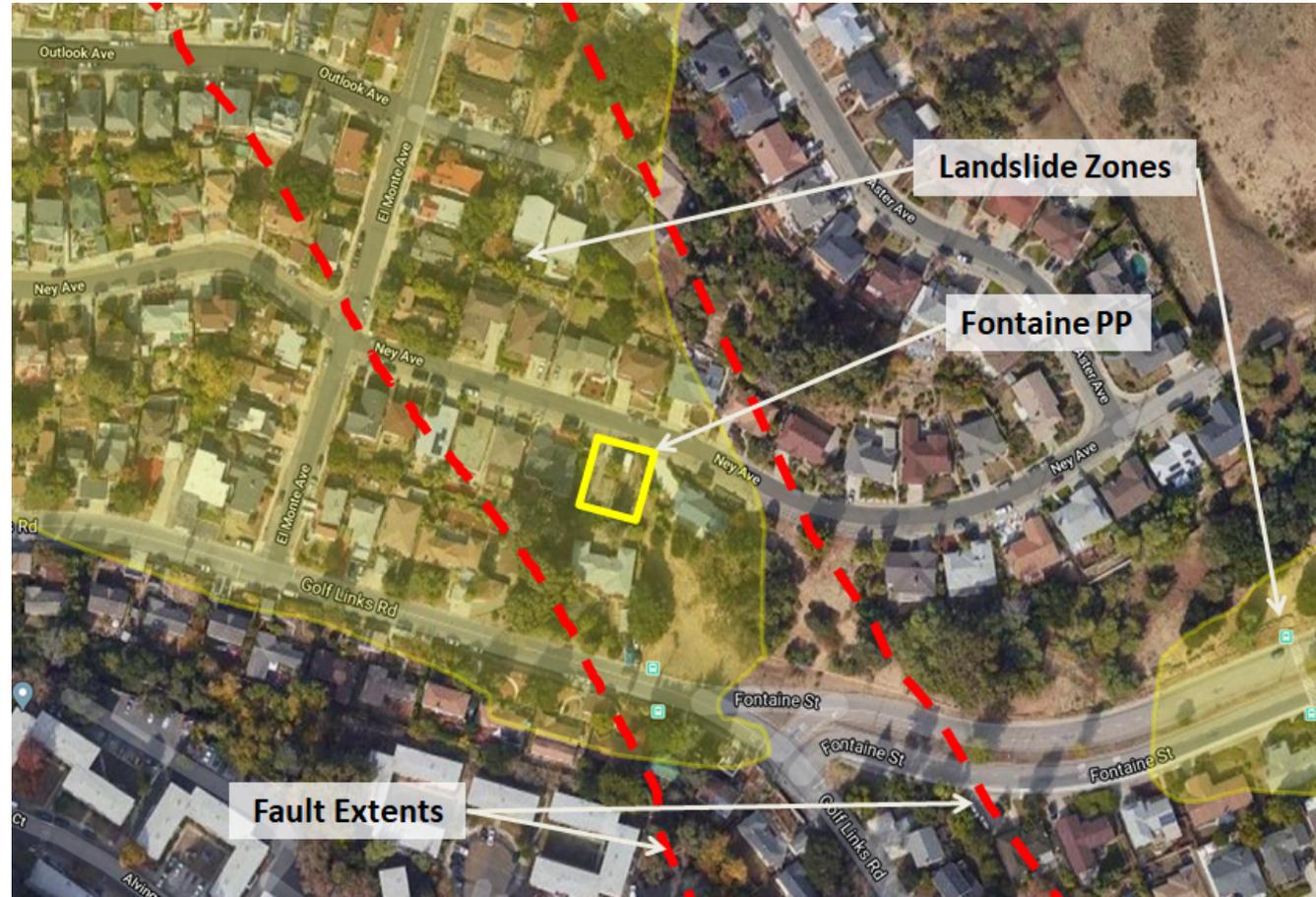
- Built in 1963
- Located at 8445 Ney Avenue, Oakland
- Supplies parts of Oakland, Castro Valley, Hayward and San Leandro



Why are we Replacing the Pumping Plant?



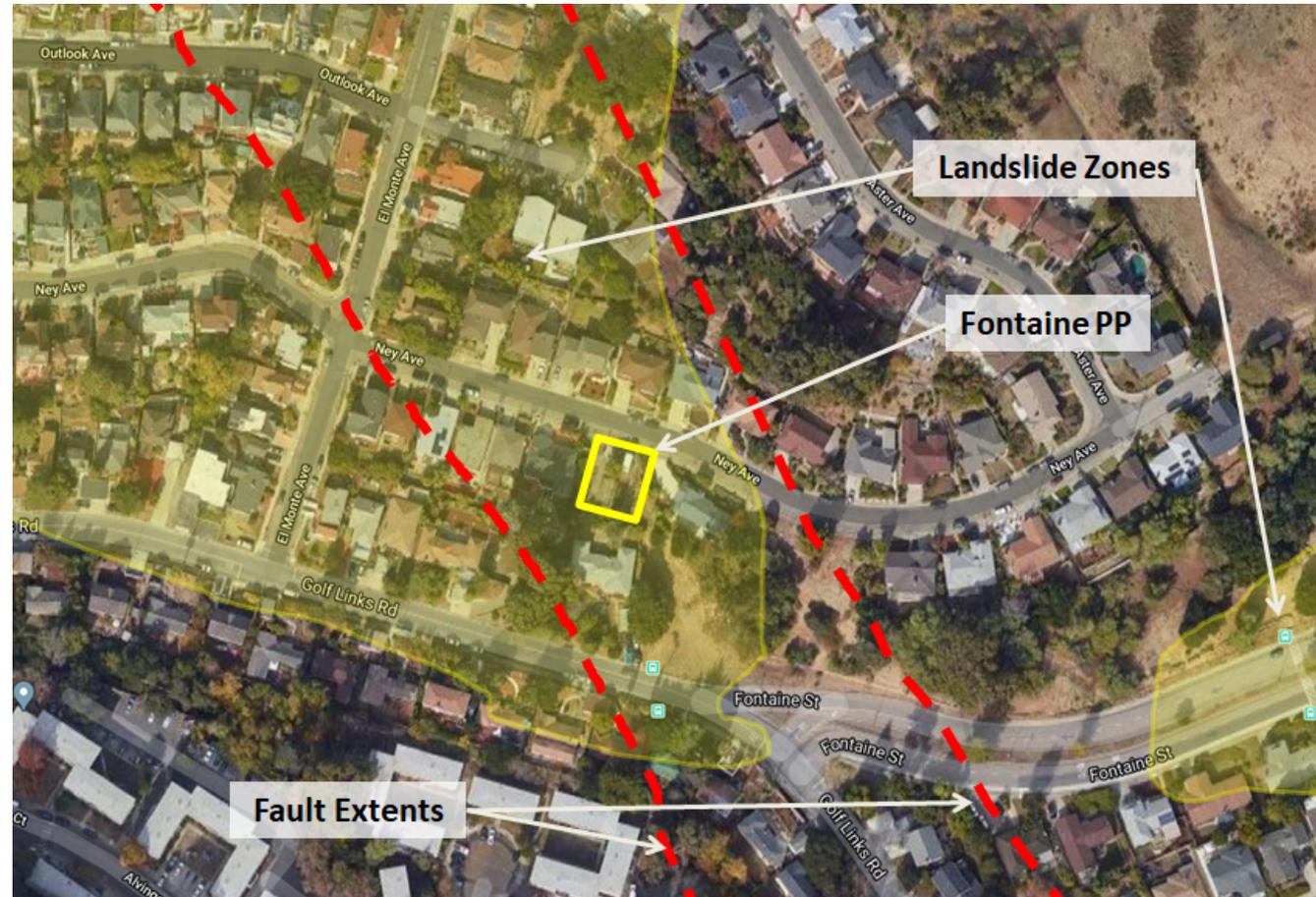
- Relocate pumping plant outside of the fault zone



Why are we Replacing the Pumping Plant?



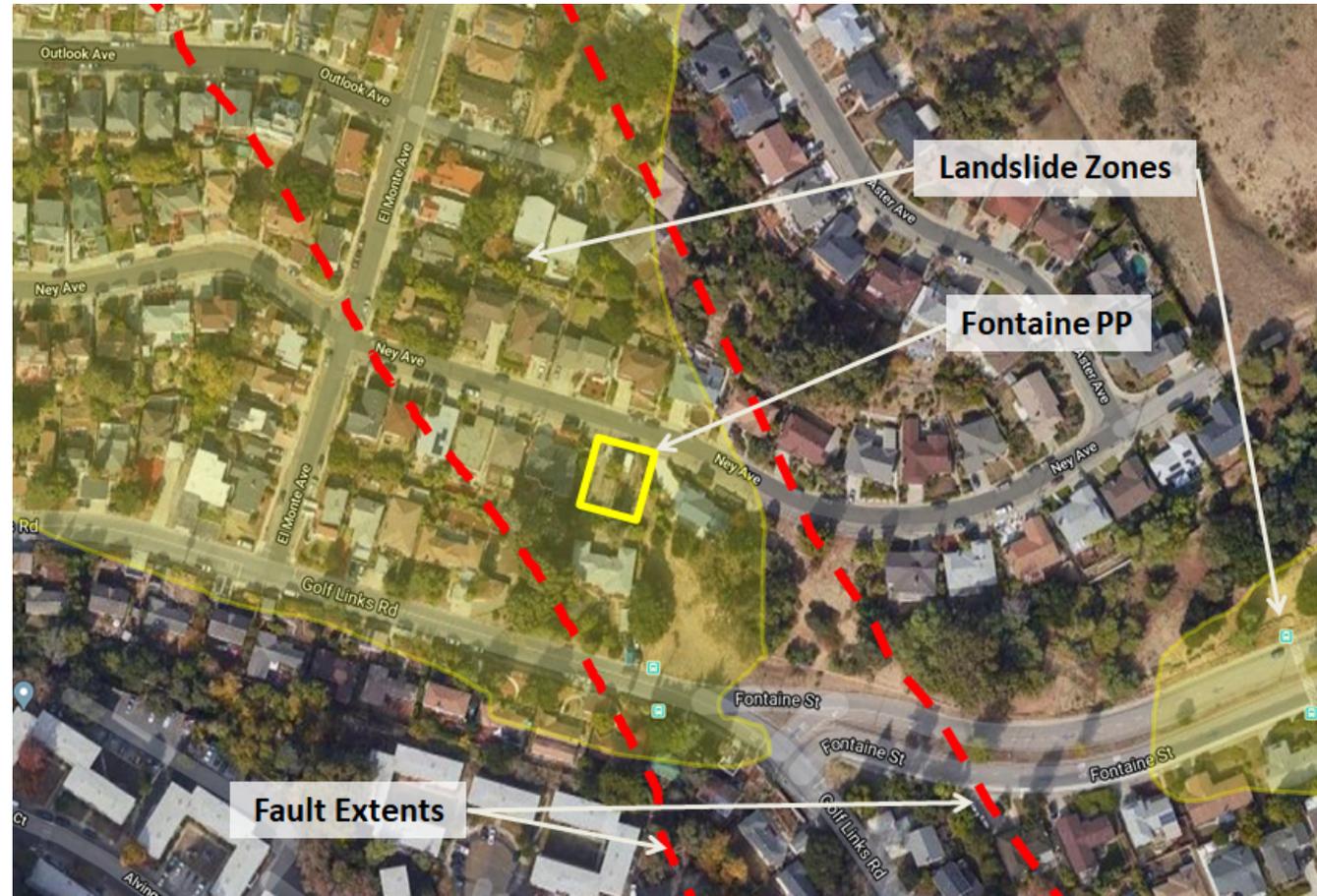
- Relocate pumping plant outside of the fault zone
- Replace aging infrastructure



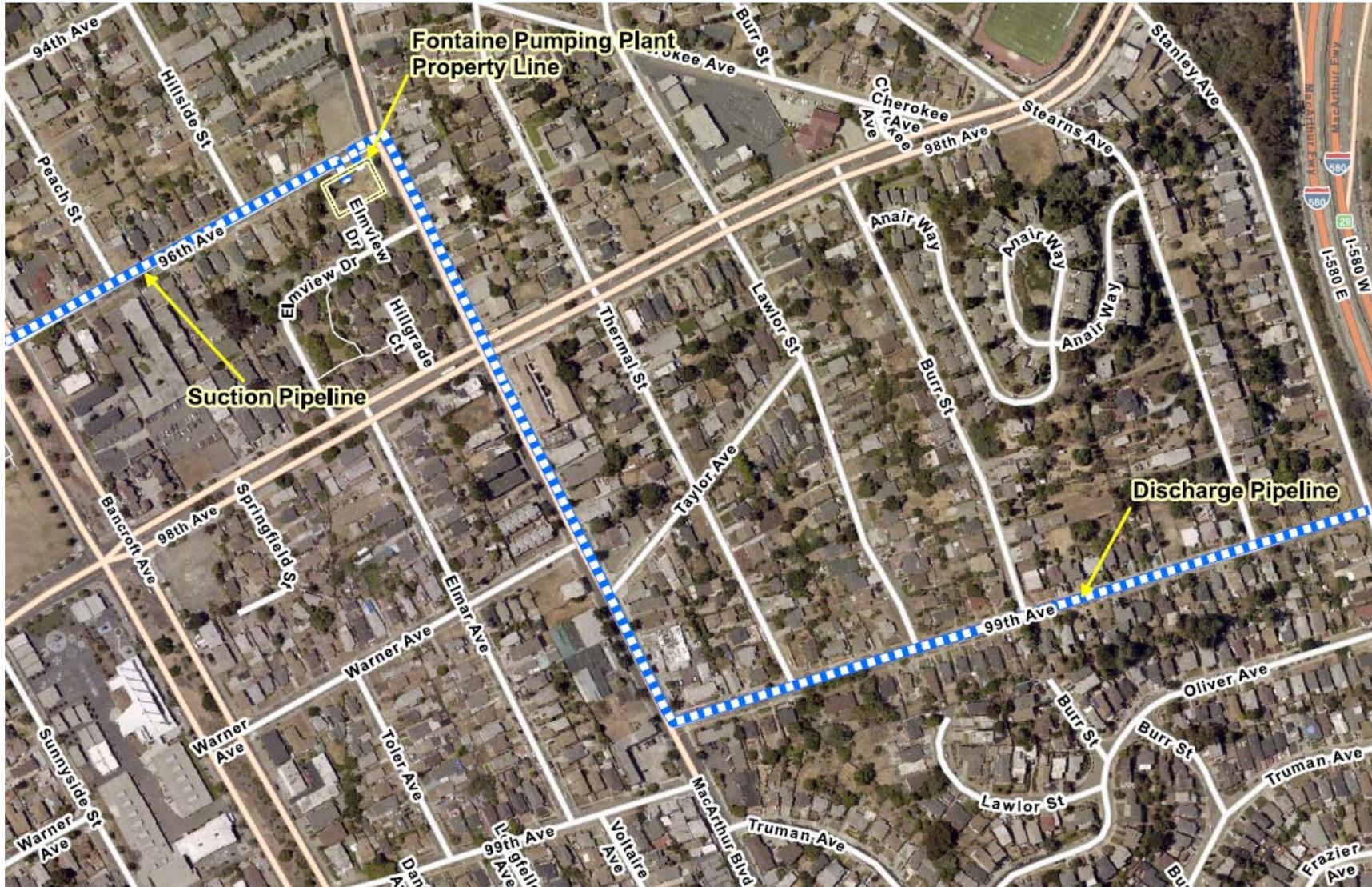
Why are we Replacing the Pumping Plant?



- Relocate pumping plant outside of the fault zone
- Replace aging infrastructure
- Increase water distribution reliability, and
- Improve water distribution system



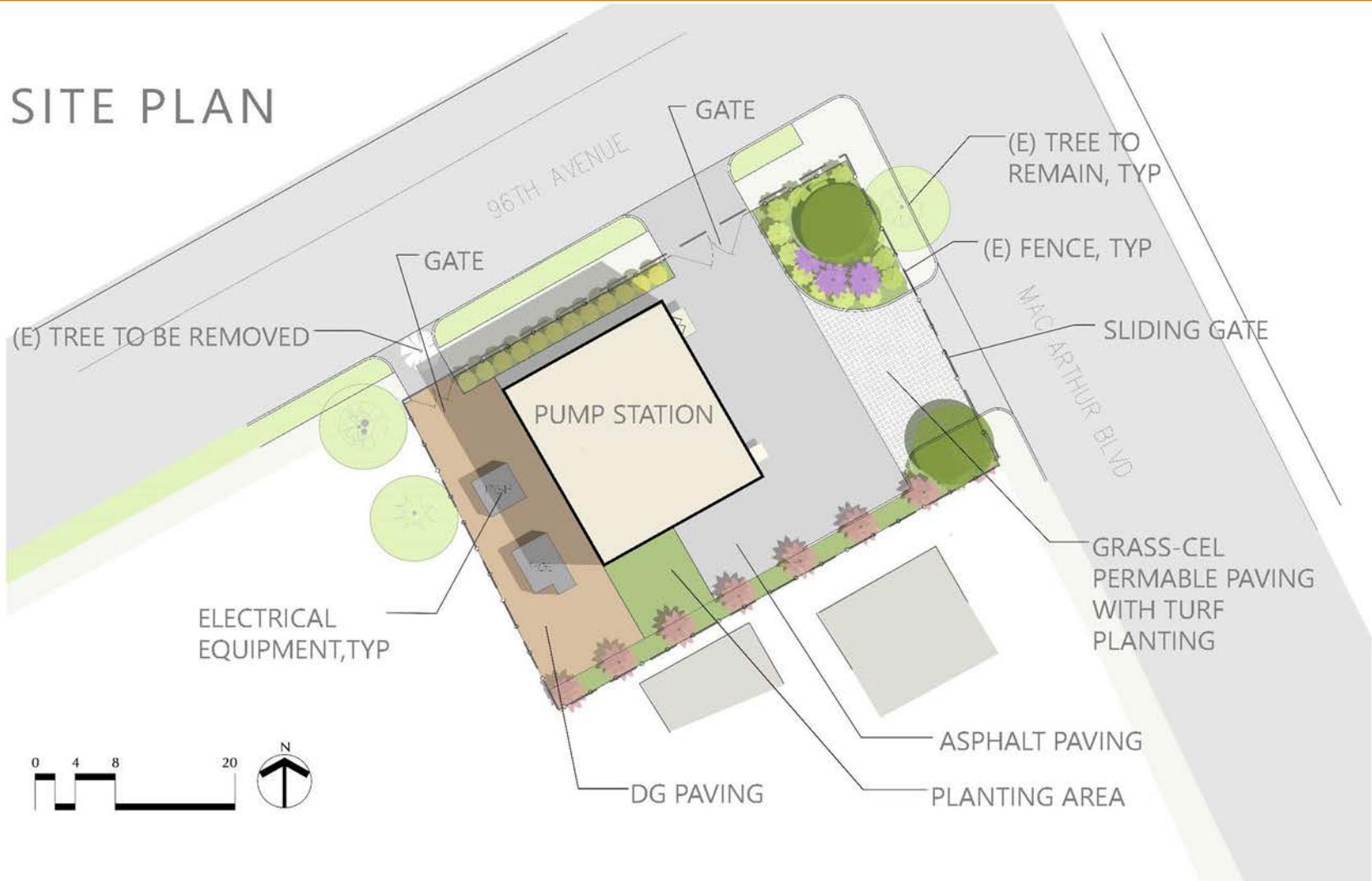
New Pipelines



Conceptual Site Plan



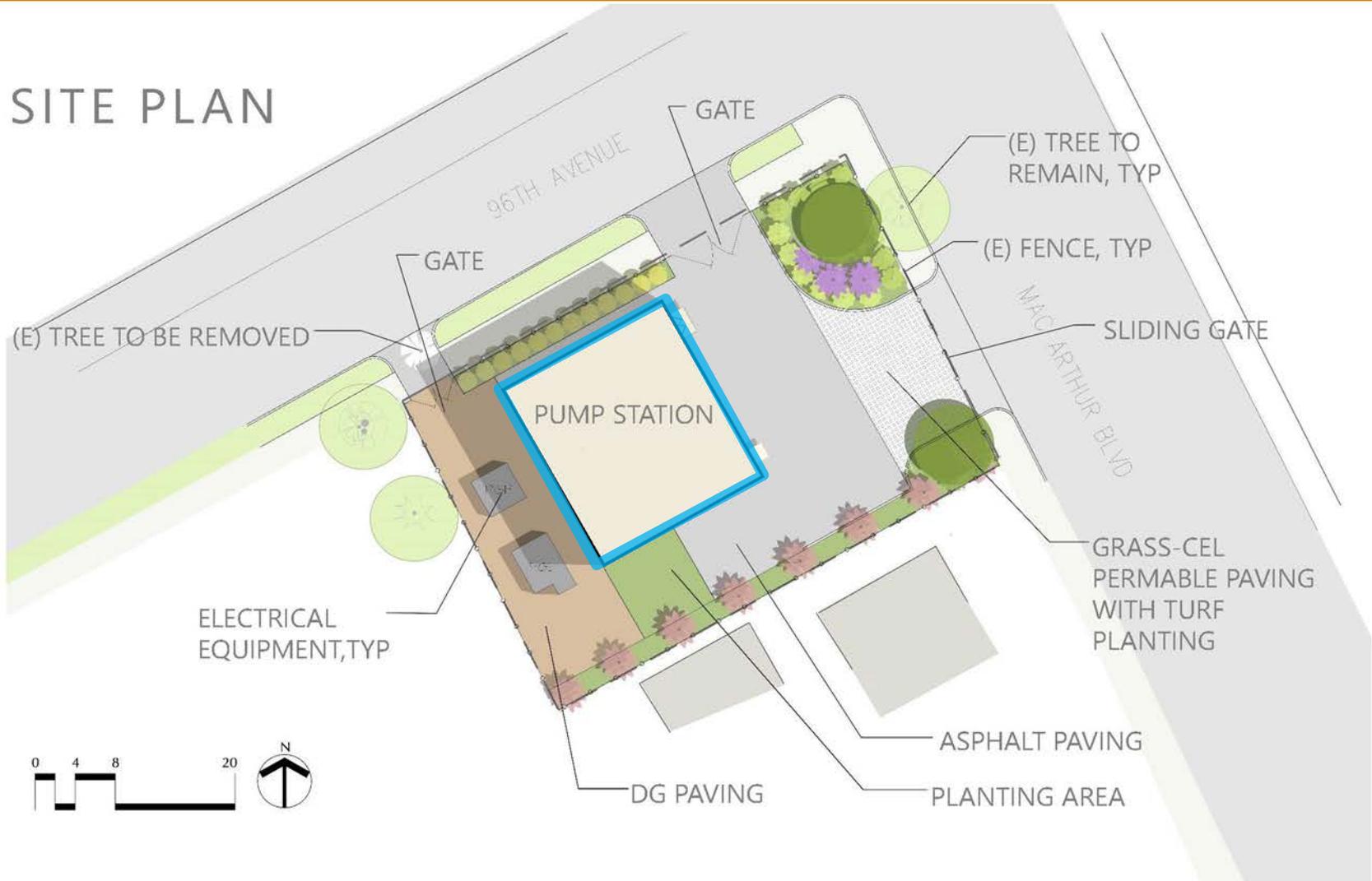
SITE PLAN



Conceptual Site Plan



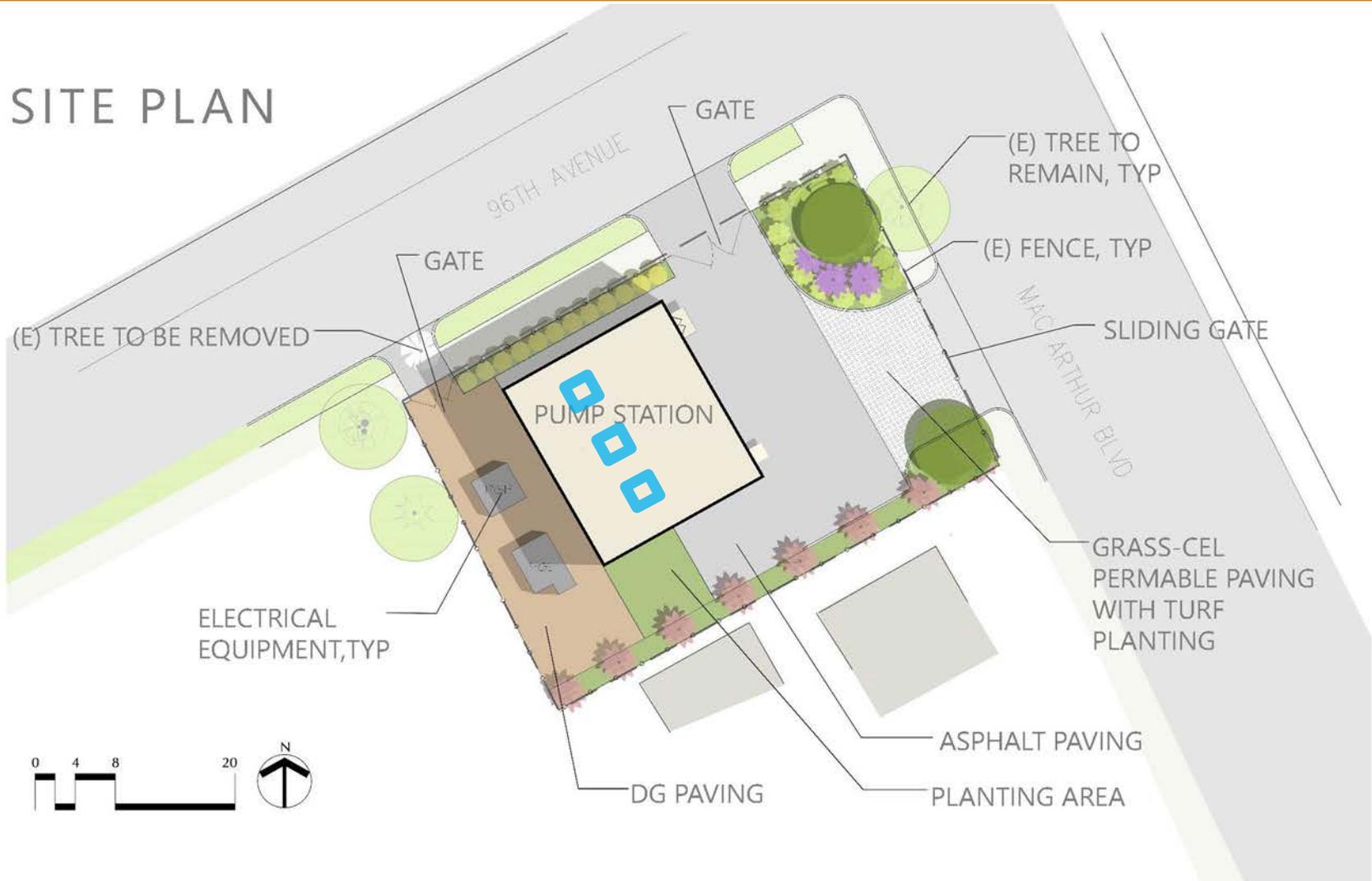
SITE PLAN



Conceptual Site Plan



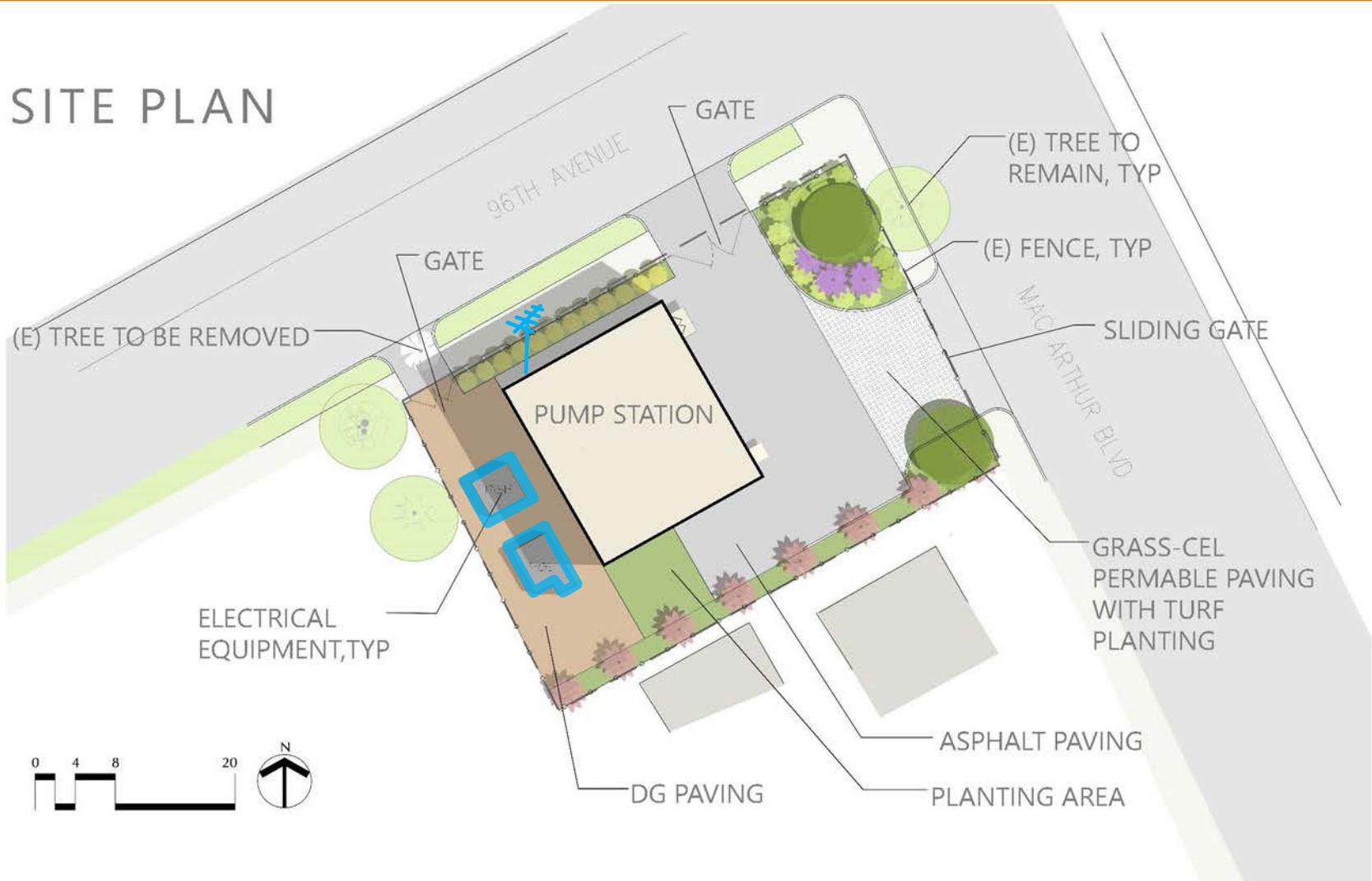
SITE PLAN



Conceptual Site Plan



SITE PLAN



Conceptual Site Plan



SITE PLAN



Conceptual Site Plan



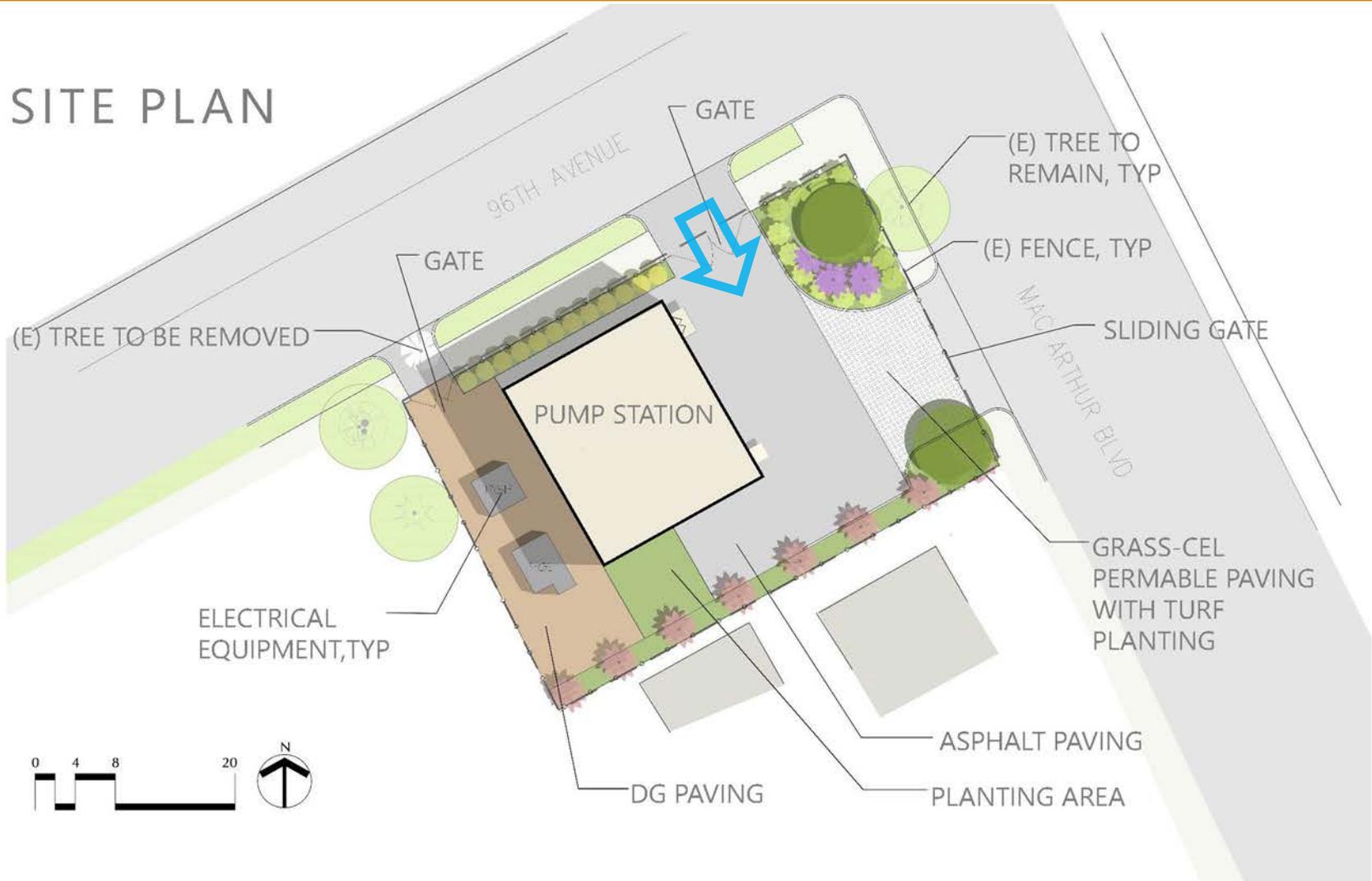
SITE PLAN



Conceptual Site Plan



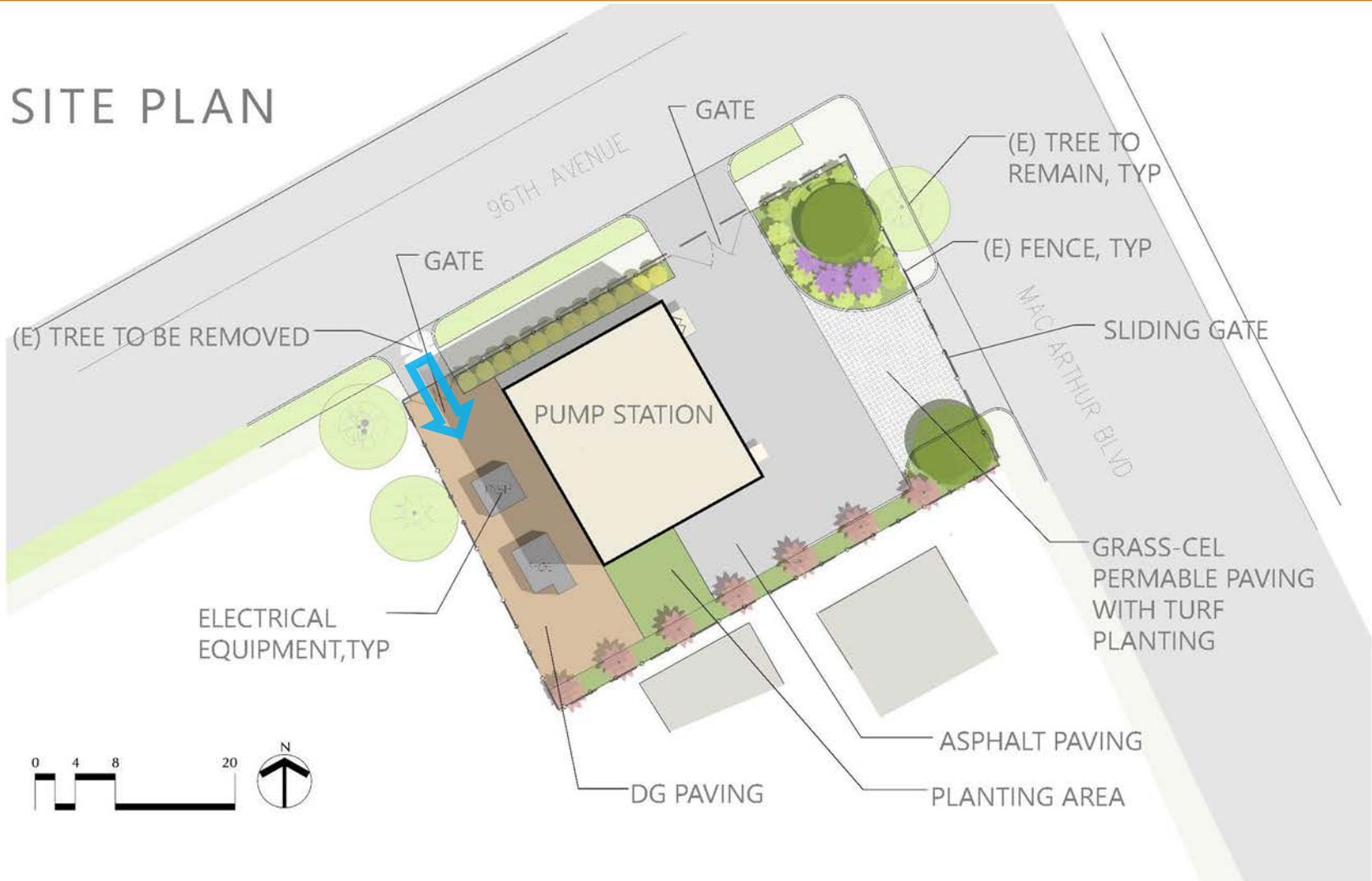
SITE PLAN



Conceptual Site Plan



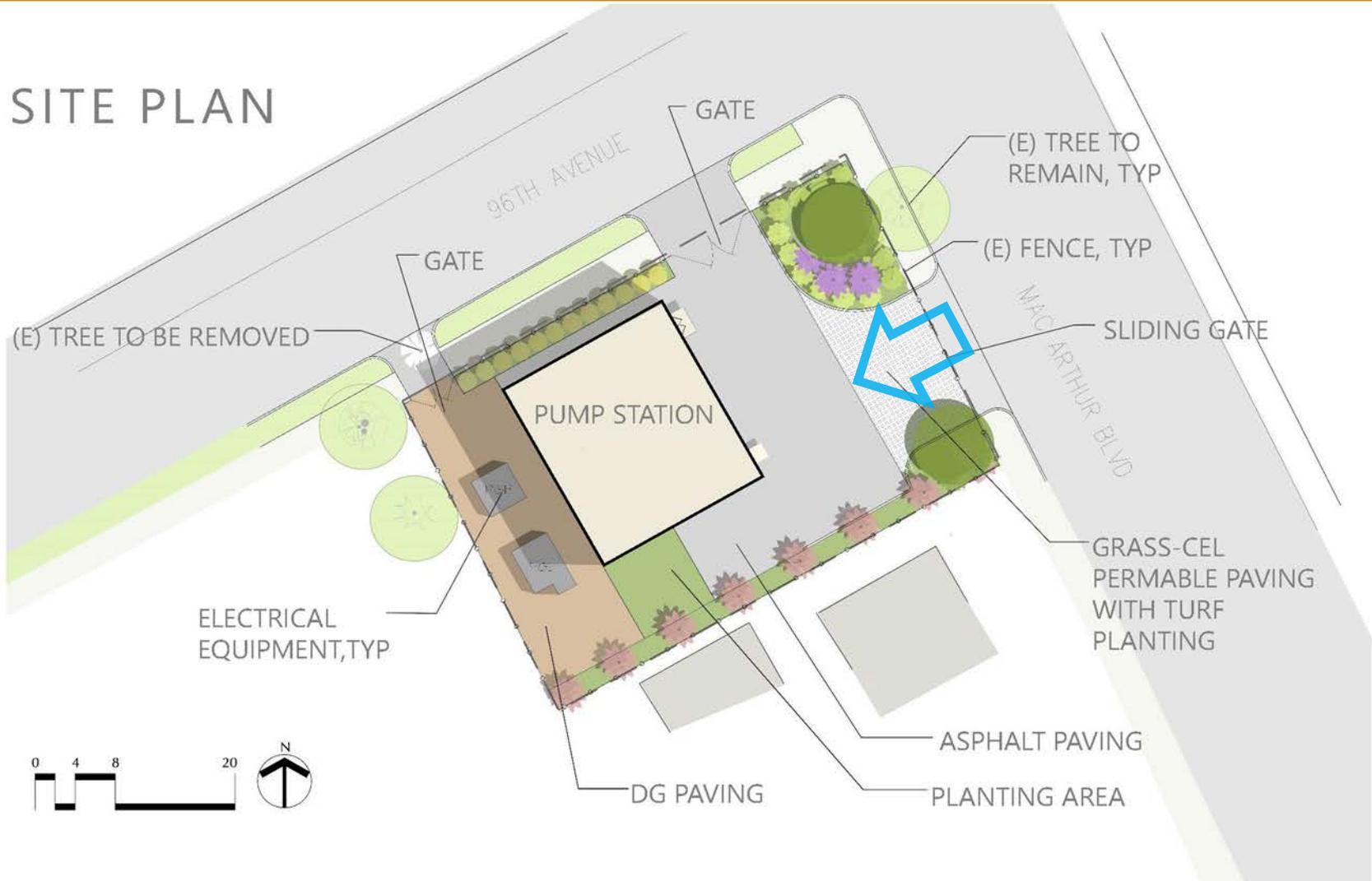
SITE PLAN



Conceptual Site Plan



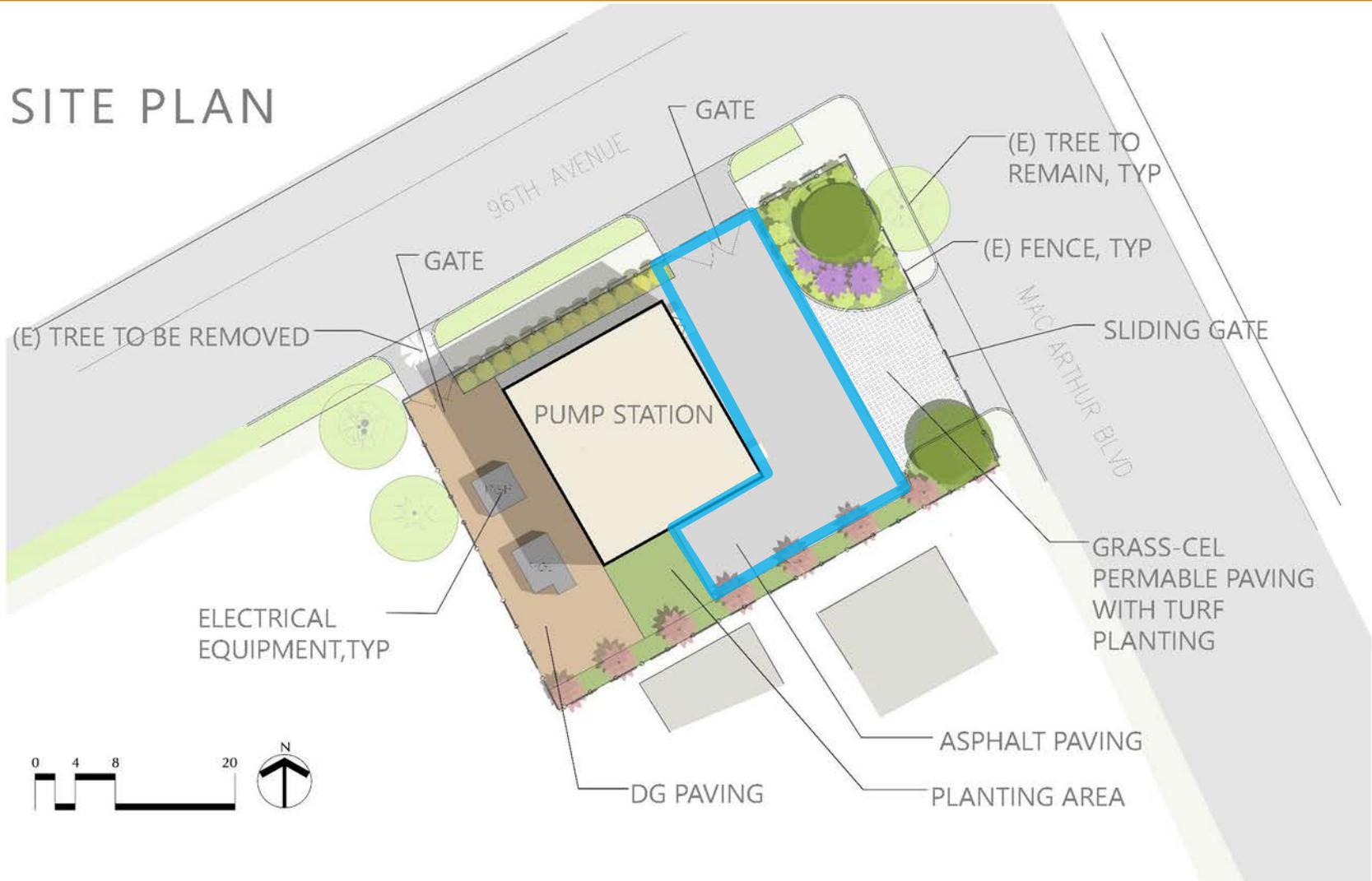
SITE PLAN



Conceptual Site Plan



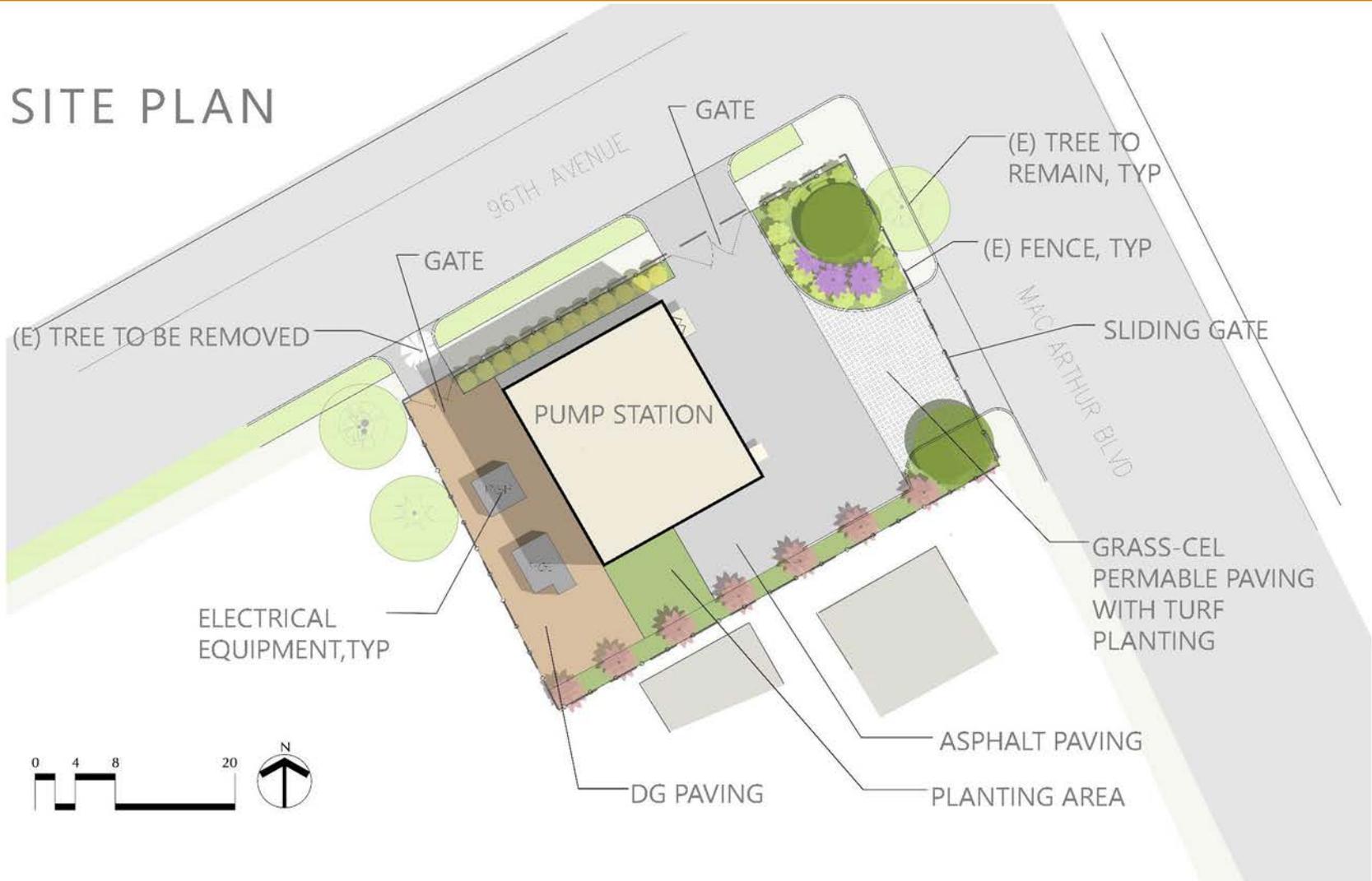
SITE PLAN



Conceptual Site Plan



SITE PLAN

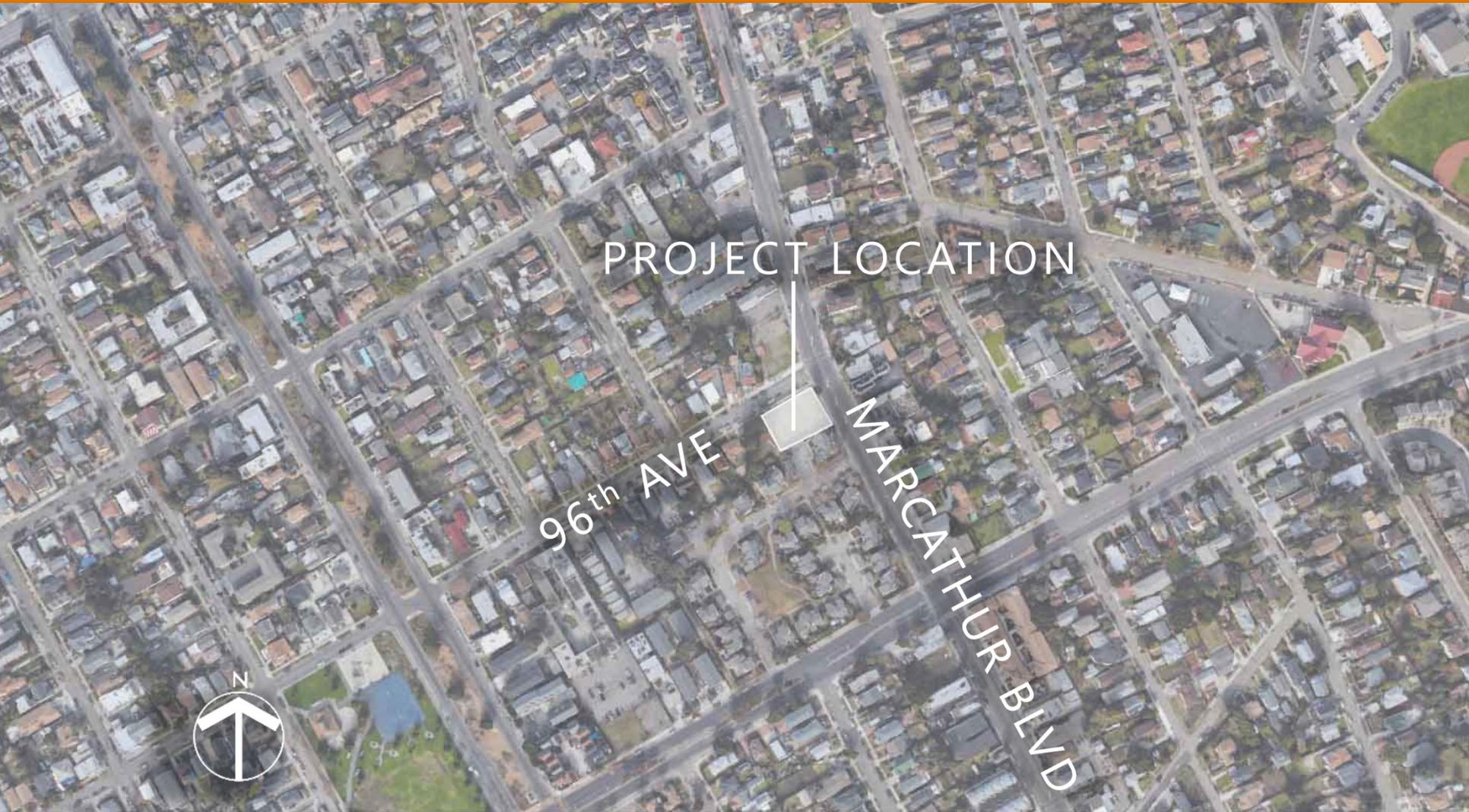


Conceptual Architectural and Landscape Plans



- Trevor Gotfredson, MWA Architects
- Reed Dillingham, ASLA, Dillingham Associates Landscape Architects

Project Location



Residential Context



RESIDENTIAL CONTEXT



Commercial Context



COMMERCIAL CONTEXT



Civic Context



CIVIC CONTEXT



Existing Conditions



EXISTING
CONDITIONS

MACARTHUR VIEW
FACING SOUTH



Existing Conditions



EXISTING CONDITIONS

96th STREET VIEW
FACING EAST



Design Alternatives

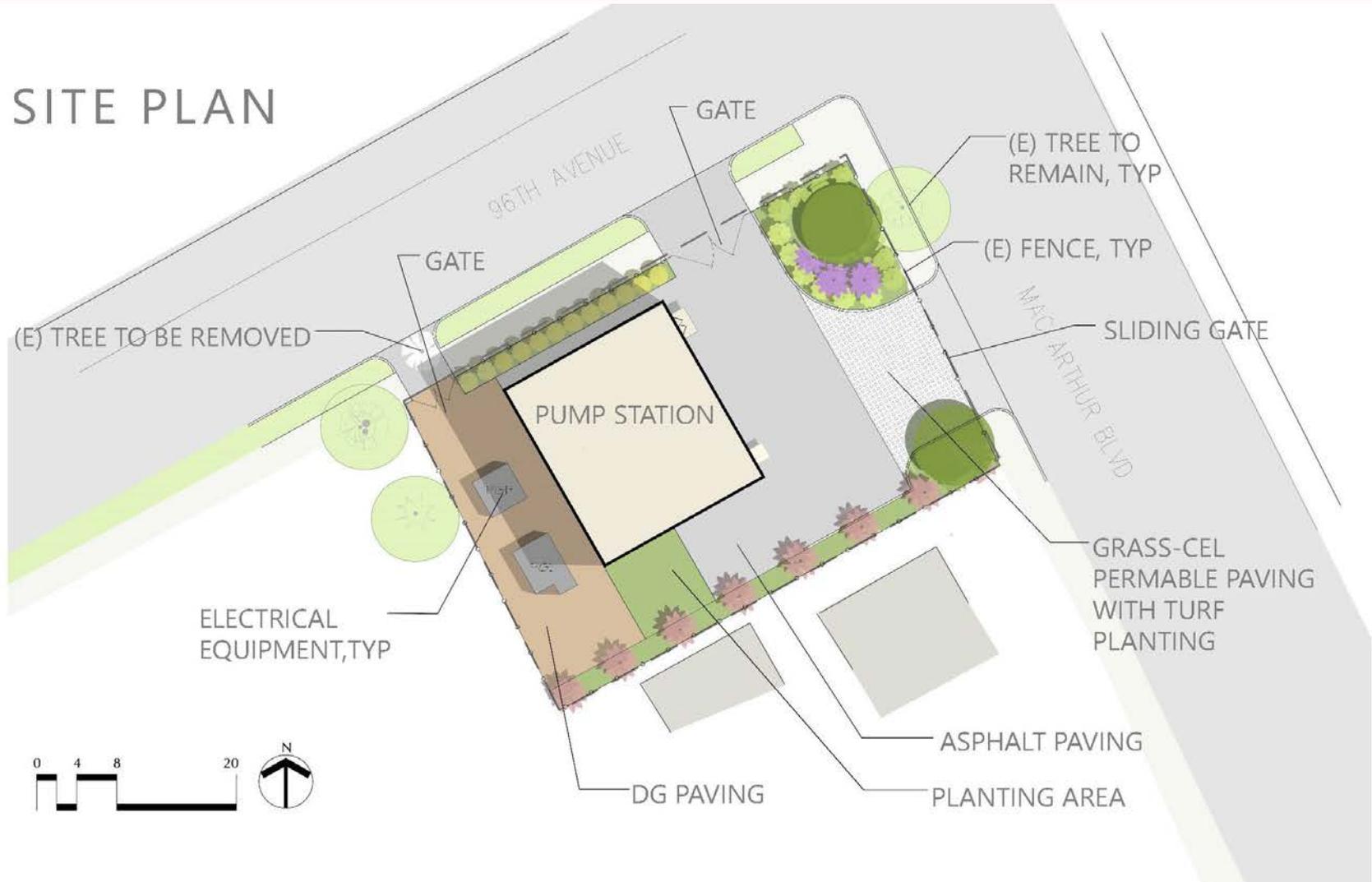


CONCEPTS

Site Plan



SITE PLAN



Concept 1: Civic

CONCEPT 1

MATERIAL

1. Corrugated cast in place concrete, unpainted
2. Smooth cast in place concrete, unpainted
3. Prefinished metal louver
4. Metal standing seam roof



Concept 1: Civic



CONCEPT 1
MACARTHUR STREET FACING SOUTH
NO LANDSCAPE



Concept 1: Civic



CONCEPT 1
96th AVE FACING EAST
NO LANDSCAPE



Concept 1: Civic



CONCEPT 1
MACARTHUR STREET FACING SOUTH
LANDSCAPE AFTER 5 YEARS



Concept 1: Civic



CONCEPT 1
MACARTHUR STREET FACING SOUTH
LANDSCAPE AFTER 10 YEARS



Concept 1: Civic



CONCEPT 1
96th AVE FACING EAST
LANDSCAPE AFTER 5 YEARS



Concept 1: Civic



CONCEPT 1
96th AVE FACING EAST
LANDSCAPE AFTER 10 YEARS

Concept 1: Civic

TREE



ARBUTUS MARINA
MARINA MADRONE

LARGE SHRUB (FOR SOUTH PROPERTY LINE, SPACE PLANTS AT 8-FT APART)



ARCTOSTAPHYLOS MANZANITA 'DR. HURD'
DR. HURD MANZANITA



CALLISTEMON VIMINALIS
WEeping BOTTLEBRUSH

SMALL SHRUBS (FOR LONG THIN PLANT AREA ALONG 96TH AVE)



MUHLENBERGIA CAPILLARIS 'REGAL MIST'
REGAL MIST PINK MUHLY GRASS

SMALL SHRUBS (FOR LARGER PLANT AREAS AT THE CORNER AND ON MACARTHUR)



STIPA TENUISSIMA
MEXICAN FEATHERGRASS



COTONEASTER 'LOWFAST'
BEARBERRY COTONEASTER



SENECIO MANDRALISCAE
BLUE CHALKSTICKS



ALOE STRIATA
CORAL ALOE

CONCEPT 1 PLANTING PALETTE

Concept 2: Residential



CONCEPT 2

MATERIAL

1. Painted stucco
2. Board formed cast in place concrete, unpainted
3. Prefinished metal louver
4. Asphalt shingle roof



Concept 2: Residential



CONCEPT 2
MACARTHUR STREET FACING SOUTH
NO LANDSCAPE



Concept 2: Residential



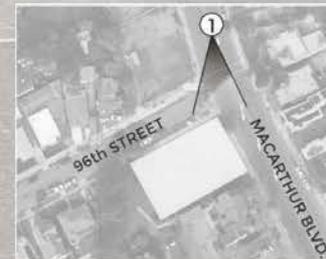
CONCEPT 2
96th AVE FACING EAST
NO LANDSCAPE



Concept 2: Residential



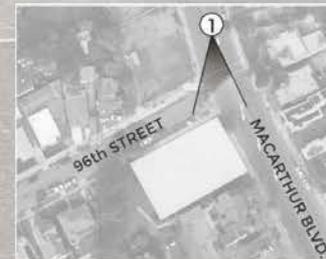
CONCEPT 2
MACARTHUR STREET FACING SOUTH
LANDSCAPE AFTER 5 YEARS



Concept 2: Residential



CONCEPT 2
MACARTHUR STREET FACING SOUTH
LANDSCAPE AFTER 10 YEARS



Concept 2: Residential



CONCEPT 2
96th AVE FACING EAST
LANDSCAPE 5 YEARS



Concept 2: Residential



CONCEPT 2
96th AVE FACING EAST
LANDSCAPE 10 YEARS



Concept 2: Residential



TREE



LYONOTHAMNUS FLORIBUNDUS 'ASPLENIFOLIUS'
SANTA CRUZ ISLAND IRONWOOD

LARGE SHRUB (FOR SOUTH PROPERTY LINE, SPACE PLANTS AT 8-FT APART)



ACCA SELLOWIANA
PINEAPPLE GUAVA



CEANOTHUS CONCHA
CALIFORNIA LILACS

SMALL SHRUBS (FOR LARGER PLANT AREAS AT THE CORNER AND ON MACARTHUR)



LOMANDRA LONGIFOLIA BREEZE
DWARF MAT RUSH



HESPERALOE PARVIFLORA
RED YUCCA

SMALL SHRUBS (FOR LONG THIN PLANT AREA ALONG 96TH AVE)



CEANOTHUS EXALTATUS 'EMILY BROWN'
WILD LILAC

CONCEPT 2 PLANTING PALETTE

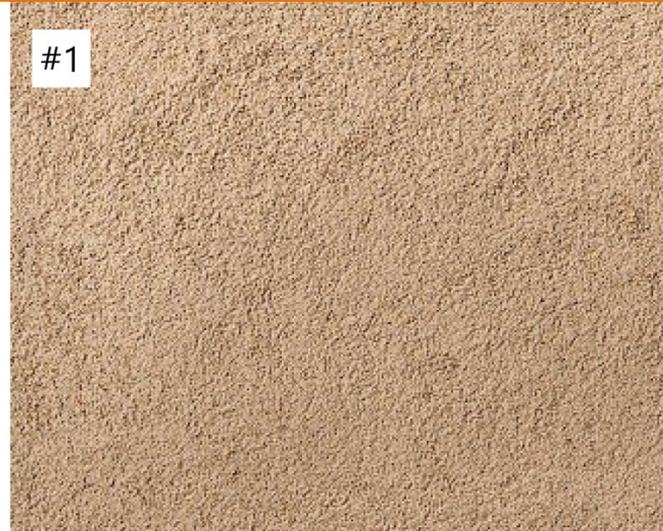
Concept 3: Commercial



CONCEPT 3

MATERIAL

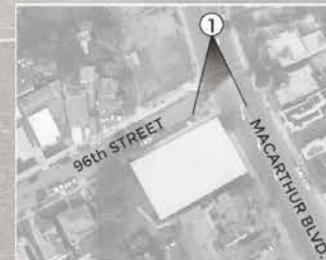
1. Painted stucco
2. Smooth cast in place concrete, unpainted
3. Prefinished metal louver
4. Metal standing seam roof



Concept 3: Commercial



CONCEPT 3
MACARTHUR STREET FACING SOUTH
NO LANDSCAPE



Concept 3: Commercial



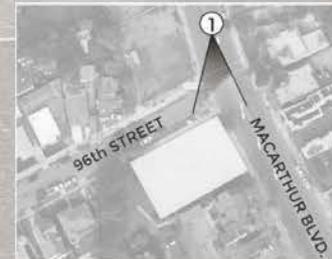
CONCEPT 3
96th AVE FACING EAST
NO LANDSCAPE



Concept 3: Commercial



CONCEPT 3
MACARTHUR STREET FACING SOUTH
LANDSCAPE AFTER 5 YEARS



Concept 3: Commercial



CONCEPT 3
MACARTHUR STREET FACING SOUTH
LANDSCAPE AFTER 10 YEARS



Concept 3: Commercial



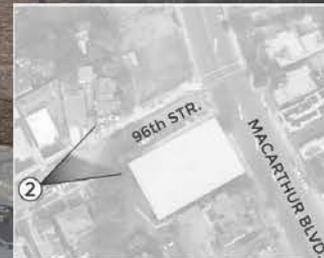
CONCEPT 3
96th AVE FACING EAST
LANDSCAPE 5 YEARS



Concept 3: Commercial



CONCEPT 3
96th AVE FACING EAST
LANDSCAPE 10 YEARS



Concept 3: Commercial



TREE



CERCIS OCCIDENTALIS
WESTERN REDBUD

LARGE SHRUB (FOR SOUTH PROPERTY LINE, SPACE PLANTS AT 8-FT APART)



CEANOTHUS CONCHA
CONCHA CEANOTHUS



NERIUM OLEANDER
OLEANDER

SMALL SHRUBS (FOR LARGER PLANT AREAS AT THE CORNER AND ON MACARTHUR)



CEANOTHUS GRISEUS
CARMEL CREEPER



MIMULUS AURANTIACUS
STICKY MONKEY-FLOWER

SMALL SHRUBS (FOR LONG THIN PLANT AREA ALONG 96TH AVE)



KNIPHOFIA UVARIA
RED HOT POKERS

CONCEPT 3 PLANTING PALETTE

Thank You



To participate in the Q&A, call:

855-369-0450

Participant PIN: 51 055 417 #

When you are prompted to speak, please first state your full name

Thank You



To participate in the Q&A, call:

855-369-0450

Participant PIN: **51 055 417 #**

When you are prompted to speak, please first state your full name

More information and tonight's presentation can be found at the **Project Website:**
www.ebmud.com/FontainePP

Send comments on design concepts to
FontainePP@ebmud.com by July 7, 2020

Questions should be directed to Laura Luong at
laura.luong@ebmud.com