Civic Design Review
Phase 2
SEP 020 Headworks Project
July 17th 2017
Campus Plan
Phase 1 New Buildings
Campus Plan
Headworks Scope & Public Tour Route
Design Overview
Birdseye from Southwest
Headworks Functions
Building as Machine

- Grit Tank
- Screenings & Screenings Handling
- Main Entry
- Electrical & Control Rooms
- Odor Control
- Influent
- Electrical Substation
- Truck Gate
- Grit Handling
- To liquids treatment
- Tour Route

Headworks Functions
Evans Avenue

Grit Tank
Grit Handling stairs
Hydraulics & Pipes
Influent Pipes & Support Structure
Odor Control Structure
Electrical Conduits
Electrical Substation

Evans Ave.
Odor Control
Mechanical Screening

Stainless Steel Mesh Fabric

Evans Ave.
Design Progression
Grit Handling Stair Screening

Phase 2

Phase 2 Informal
Design Overview
Birdseye from Northeast
Design Overview
Birdseye from Southeast
Design Progression
Grit Handling

Phase 2 Design

Phase 2 Informal

Phase 1
Design Progression
Grit Handling

- Grit Loading Bay
- Grit Hopper Room
- Grit Washing Room
- Grit Washing Mezzanine
- Grit Washing Balcony

View from Grit Washing Balcony
Design Progression
Screenings Handling

Phase 2 Design

Phase 2 Informal

Phase 1

Evans Ave.
Design Progression
Screenings Handling

Screenings
Balcony

Screenings
Washing
Room

Screenings
Loading Bay

View from Screenings Balcony
Rendering
Grit Handling

Grit Handling looking Northwest

Zinc Panels
Aluminum Windows
Concrete Reveals

Evans Ave.
Design Progression
View from truck entrance
Design Progression
Electrical Building / Main Entry

Phase 2 Preferred Design

Phase 2 Informal

Phase 1

Alternative Studies
Design Progression
South Elevation

Phase 1

Phase 2

Phase 2 Informal

Interior plant road
Rendering
Looking South from Solids Pretreatment Roof

Channel Glass

SS Cable Rail
Design Progression
North Elevation

Phase 2

Phase 2 Informal

Phase 1
Evans Ave. Art Wall
Transition to Grit Tank & Truck Gate

Column Transition Option

Wall Transition Option
Design Overview

Birdseye from Northwest
Evans Ave. Landscape
Streetscape Section

EVANS AVE STREETSCAPE
EXISTING CONDITION

EVANS AVE STREETSCAPE
PROPOSED CONDITION AT ART WALL
Evans Ave. Landscape
Streetscape Plan

- Site Fence (later phase)
- Existing Magnolia Trees
- Proposed Sycamore Tree Pairs
- Extended Sidewalk
- Art Wall
- Cobble Plinth
Landscape Material Palette

**TREES**

- **London Planetree** *Platanus x acerfolia* (Proposed)
- **Star Magnolia** *Magnolia stellata* (Existing + Proposed)

**GROUND PLANE**

- **Cobblestone**
- **Decomposed Granite**
- **Atlas Fescue** *Festuca mairei*
Thank You