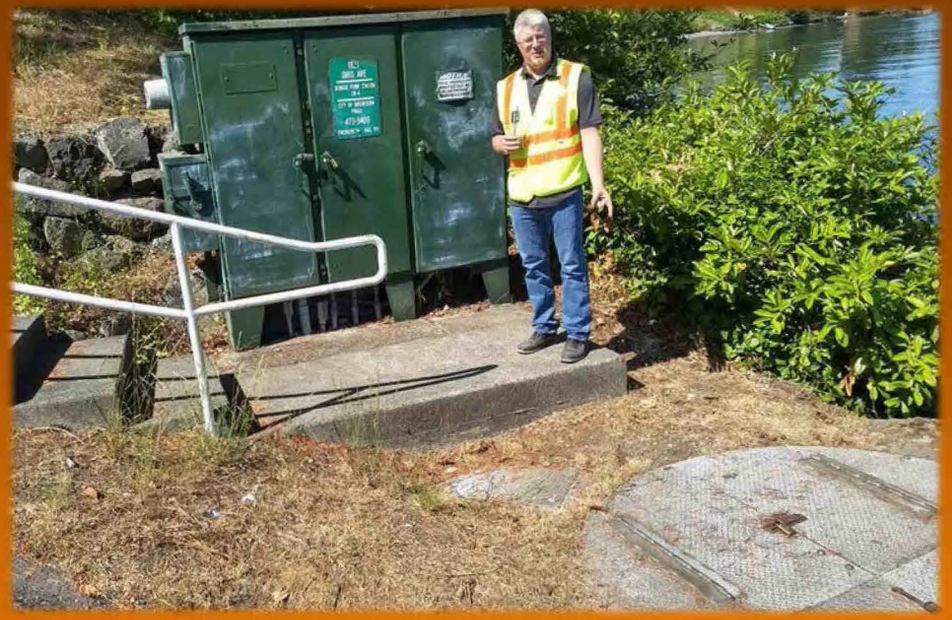
Sewage Pump Station CW-4 Upgrade and OF-12 Modifications

October 2018



City of Bremerton

Public Works Department

PROJECT SITE MAP

CW-4 Upgrade and OF-12 Modifications

PROJECT BENEFITS:

- IMPROVE MAINTENANCE ACCESS TO PUMP STATION
- ABANDON BEACH MAINS AND LATERALS
- REDUCE COMBINED SEWER OVERFLOWS TO PUGET SOUND
- REPLACE OLD INFRASTRUCTURE THAT HAS NEARLY REACHED ITS LIFE EXPECTANCY

DNR-00019466

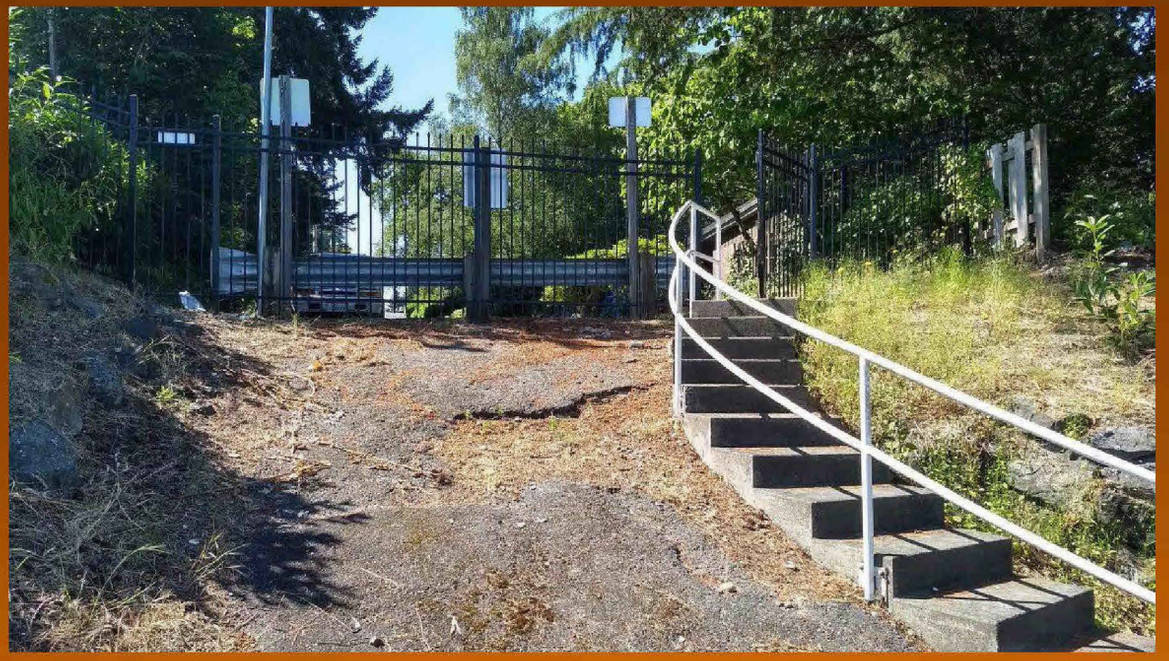
PROJECT SCOPE:

- UPGRADE SEWAGE PUMP STATION CW-4
  - INCREASE CAPACITY
  - IMPROVE MAINTENANCE ACCESS
  - ADD BACKUP POWER

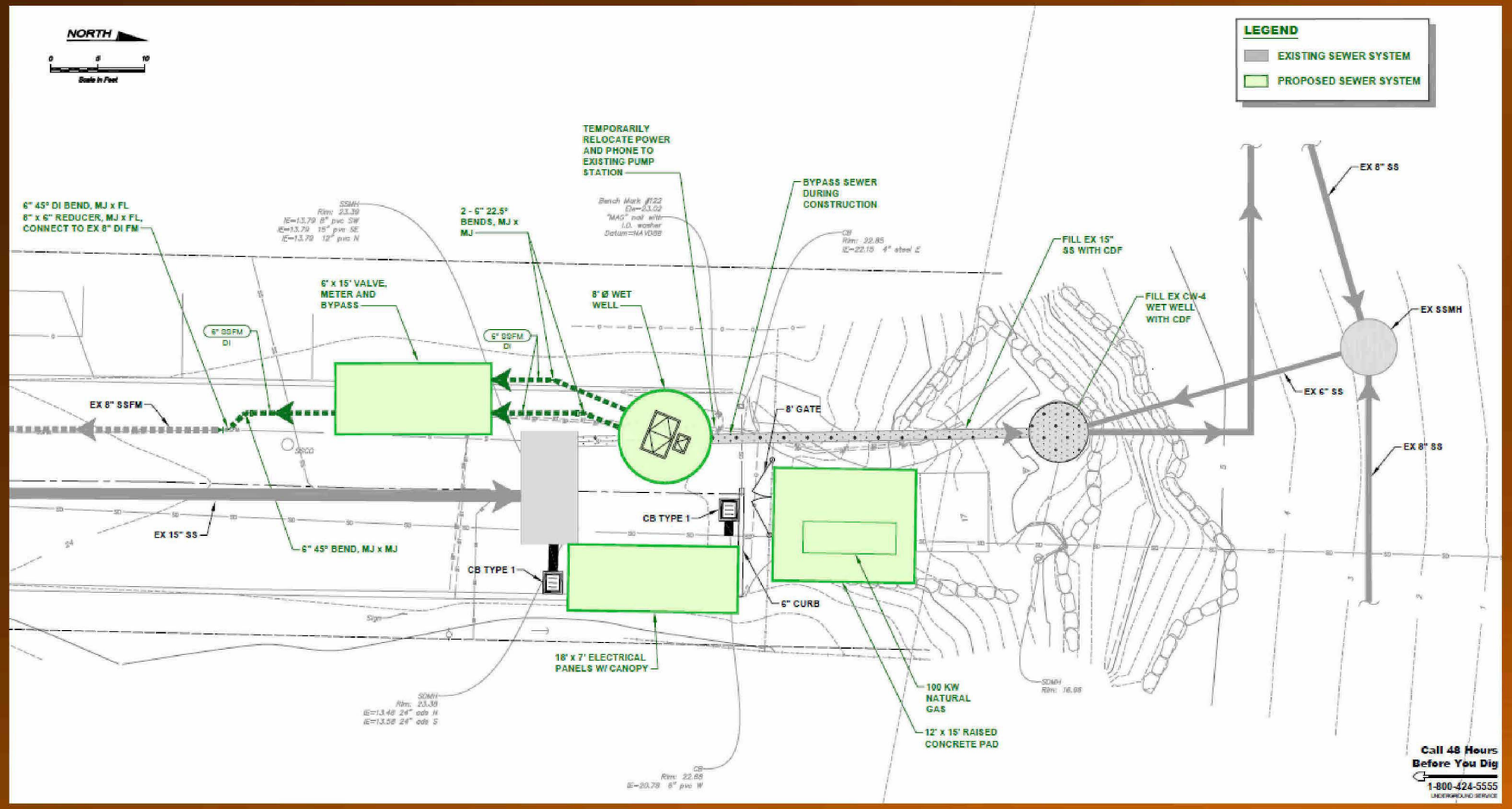
- INSTALL GRINDER PUMP STATIONS AT AFFECTED RESIDENCES
  - ALLOWS ABANDONMENT OF BEACH SEWER MAINS AND LATERALS

- CONNECT TO EXISTING 8-INCH FORCE MAIN (INSTALLED IN 1999) ON OHIO AVENUE TO REDUCE FLOW IN BEACH MAIN

- CONSIDERATION OF NEW FORCE MAIN ALONG 17TH ST. BETWEEN OHIO AVENUE AND HIGH AVENUE FOR REDUNDANCY.



CW-4 Upgrade and OF-12 Modifications



PUMP STATION CW-4 UPGRADE - DRAFT SITE PLAN

DESCRIPTION: ELECTRICAL CABINET NEAR END OF STREET AND GENERATOR BELOW.

PROPOSED SCHEDULE AND BUDGET:

MILESTONE	ESTIMATED DATE OF COMPLETION
CONCEPTUAL DESIGN	OCTOBER 2018
60% DESIGN	JANUARY 2018
100% DESIGN	MARCH 2018
BID/AWARD	MARCH – APRIL 2018
PERMITS	MARCH 2019
START CONSTRUCTION	MAY 2019
COMPLETION CONSTRUCTION	SEPTEMBER/OCTOBER 2019

ESTIMATED COST OF CONSTRUCTION: $1,600,000
BUDGET: $2,100,000 (includes all costs)

DNR-00019469