



*Small Town with
a Big Backyard!*

CITY OF BISHOP

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Draft Negative Declaration

Date: 25 May 2018

General: The City of Bishop requests comments on this draft Negative Declaration and the attached Initial Study.

Project: Ponds 5 and 6 Improvements

Location: At the ponds at the City of Bishop Wastewater Treatment Plant. The address of the plant is 980 Poleta Road, Bishop. The plant is about 1 mile east of the intersection of Main and Line Streets.

Description: The proposed project will replace pipes and related control infrastructure at two of the six ponds at the City of Bishop Wastewater Treatment Plant and will compact the bottom of those two ponds to reduce infiltration of water stored in the ponds. The affected ponds are Pond 5 and Pond 6. The project includes the removal of 2 mature trees.

Document Availability: The Initial Study is available on the City of Bishop website cityofbishop.com and at the City of Bishop Department of Public Works office, City Hall, 377 West Line Street.

Proponent: City of Bishop Department of Public Works.

Contact: David Grah, Director of Public Works, at addresses and numbers shown above.

Proposed Findings: The proposed project could not have a significant effect on the environment, and a Negative Declaration will be prepared.

Comments Due: 25 June 2018

Hearing: 6 pm 25 June 2018

David Grah, Director of Public Works

25 May 2018

Date



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**Initial Study
Ponds 5 and 6 Improvements Project
City of Bishop**

Lead Agency:

City of Bishop
Department of Public Works
377 West Line Street
Bishop, California 93514
760-873-8458

25 May 2018

SECTION 1 INTRODUCTION

1.1 PURPOSE

The purpose of the Ponds 5 and 6 Improvements Project is to replace deteriorating infrastructure, improve operation, and reduce infiltration at the ponds at the City of Bishop Wastewater Treatment Plant.

1.2 PROJECT LOCATION

The project is located at the ponds at the City of Bishop Wastewater Treatment Plant. The address of the plant is 980 Poleta Road, Bishop. The plant is about 1 mile east of the intersection of Main and Line Streets.

At the plant there are 6 ponds that are used to further treat effluent from the plant and to store treated effluent for irrigation. The project replaces infrastructure and improves Ponds 5 and 6, the outlets of Ponds 5 and 6, and the pipe between Ponds 5 and 6.

Access to the site is by paved driveway from Poleta Road to the plant and then by gravel roads on top of the dikes surrounding and between the ponds.

The site is in the Southwest $\frac{1}{4}$ of the Northeast $\frac{1}{4}$ of Section 8 Township 7 South Range 33 East Mount Diablo Baseline and Meridian.

See attached location and vicinity map for location of project.

1.3 PROJECT DESCRIPTION

The proposed project will replace pipes and related control infrastructure at two of the six ponds at the City of Bishop Wastewater Treatment Plant and will compact the bottom of those two ponds to reduce infiltration of water stored in the ponds. The affected ponds are Pond 5 and Pond 6.

The ponds are numbered from 1 to 6 with Pond 1 being the closest to the plant and the one that effluent from the plant flows through first. From Pond 1, effluent flows through

each pond in succession, with flow only reaching Ponds 5 and 6 when irrigation of the pasture is not underway.

The ponds perform two main functions. First, they continue the treatment of the wastewater following treatment in the plant itself. Second, they act as storage for treated wastewater so that it can be used more efficiently for irrigation when it is needed. The continued treatment occurs in Ponds 1, 2, and 3. Storage primarily occurs in Ponds 4, 5, and 6. For the purposes of the state permit for the plant, the treatment process is complete at the outlet of Pond 3.

Normal operation is that all flow out of Pond 3 is routed into Pond 4. Because of this and because the pasture is irrigated out of Pond 4, Pond 4 always has water in it. Flow out of Pond 4 is routed into Ponds 5 and 6 when it is not needed for irrigation. As a result, Ponds 5 and 6 are dry except for during the late fall and winter when there is little or no irrigation.

When irrigation resumes in the spring, water stored in Ponds 5 and 6 is used so the ponds are drained as quickly as possible. Unfortunately, the water in the very bottoms of Ponds 5 and 6 can not be used for irrigation because the bottoms of the ponds are lower than the pasture. Water can't flow to the pasture by gravity and there are currently no provisions for pumping water from one pond to another or from the ponds to the pasture. Water in the very bottom of Ponds 5 and 6 that can not be used for irrigation by gravity currently either evaporates or infiltrates into the ground.

In addition to being a means to store treated effluent, Ponds 4, 5, and 6 were also originally intended to infiltrate water into the ground. Currently there is concern about the potential negative effect of nutrients in treated wastewater on groundwater quality so now it is generally desirable to minimize infiltration. Tests in Ponds 5 and 6 show the most practical means to reduce infiltration is by compacting the bottoms of the ponds.

Deterioration of the pipes between ponds and pasture, deficiencies in the equipment originally installed with the pipes to controls the flow between ponds and pasture, and changes in the preferred way to operate the ponds makes it desirable to replace and reconfigure the pipes and control equipment in the ponds.

To address these issues, the proposed project includes the following:

- Replace the outlets to Ponds 5 and 6 including pipes, headwalls, control gates, and integrated overflows.
- Replace pipe between Ponds 5 and 6 including headwall, control gate, and pump sump.
- Construct grader ditches in pond bottoms leading to pump sumps.
- Compact bottoms and lower portions of sides of Ponds 5 and 6.
- Remove 2 willow trees about 24 inches in diameter to allow for construction of pipes and headwalls.

These improvements are shown on the attached draft plans.

1.4 PROJECT PROPONENT

City of Bishop

Department of Public Works
377 West Line Street
Bishop, California 93514
760-873-8458

Contact: David Grah, Director of Public Works

1.5 INTENDED USES OF THIS DOCUMENT

The City of Bishop will use this Environmental Initial Study to identify any potential environmental impacts associated with the project and to solicit input regarding the project from agencies and the general public. This Environmental Initial Study will also be used in support of a Negative Declaration when considering the approval of the project.

1.6 ENVIRONMENTAL SETTING

The City of Bishop is located in Inyo County at the northern end of Owens Valley. The City covers an area of approximately 1.8 square miles and has a population of approximately 3,879 (United States Census 2010). The population is expected to remain relatively steady because it is largely prevented from growth because it is surrounded by a combination of public and Native American land.

The Owens River, which is located east of the City of Bishop, flows south through the Owens Valley. The valley is bounded by the Sierra Nevada mountain range to the west and the White Mountain and Inyo Mountain ranges to the east. Numerous creeks, canals, and ditches carry water from the Sierra Nevada Mountains toward the Owens River.

Bishop is located in the rain shadow of the Sierra Nevada. The warmest month of the year is July with an average maximum temperature of about 98 degrees Fahrenheit. The coldest month of the year is December with an average minimum temperature of 22 degrees Fahrenheit. Temperature variations between night and day are over 40 degrees during the summer and over 30 degrees during winter. The annual average precipitation at Bishop is 5 inches. The wettest month of the year is February with an average rainfall of 1 inch.

The project is at an elevation of about 4,115 feet. The site slopes gently to the east toward the Owens River.

The ponds are on city property southeast of the plant. The Eastern Sierra Community Services District (ESCSD) plant is west of the ponds, ESCSD ponds are east of the city ponds, the city pasture is south of the ponds, and property owned by the Los Angeles Department of Water and Power (DWP) leased for ranch use is north of the ponds.

The state permit for the plant including the ponds require that access to the site be controlled. There is no uncontrolled public access to the ponds.

The surrounding ranchland and mountains are visible from the site.

Maps showing agriculture and owners in the area from 1919 show the site cultivated in wheat. The site was acquired by the city in the 1940's along with the property where the plant is located. The first ponds on the site appear in aerial photography from 1944. Construction and operation of the ponds completely altered landforms on the site present prior to the construction. Seven willow trees ranging in diameter from 12 to 30 inches and nine cottonwood trees ranging in diameter from 14 to 42 inches on the slopes of the dike on the outside of Pond 6.

1.7 GENERAL PLAN DESIGNATION

The site is zoned P, Public.

See attached City of Bishop Zoning map.

SECTION 2 ENVIRONMENTAL CHECKLIST

Environmental Issues	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
1. Aesthetics				
<i>Would the project:</i>				
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic building within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Agriculture Resources				
<i>In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland.</i>				
<i>Would the project:</i>				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Air Quality				
<i>Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations.</i>				
<i>Would the project:</i>				
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Issues	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions, which exceed quantitative thresholds for ozone precursors)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Biological Resources				
<i>Would the project:</i>				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Issues	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Cultural Resources <i>Would the project:</i>				
a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Geology and Soils <i>Would the project:</i>				
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Issues	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Hazards and Hazardous Materials <i>Would the project:</i>				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the likely release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Be located within one-quarter mile of a facility that might reasonably be anticipated to emit hazardous emissions or handle hazardous or acutely hazardous materials, substances or waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Be located on a site of a current or former hazardous waste disposal site or solid waste disposal site unless wastes have been removed from the former disposal site; or 2) that could release a hazardous substance as identified by the State Department of Health Services in a current list adopted pursuant to Section 25356 for removal or remedial action pursuant to Chapter 6.8 of Division 20 of the Health and Safety Code?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Be located on land that is, or can be made, sufficiently free of hazardous materials so as to be suitable for development and use as a school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Issues	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
h) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Hydrology and Water Quality				
<i>Would the project:</i>				
a) Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Substantially alter the existing drainage pattern of area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner, which would result in flooding on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Issues	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Place within a 100-year flood hazard area structures, which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j) Inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. Land Use and Planning				
<i>Would the project:</i>				
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with any applicable habitat conservation plan or natural communities conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. Mineral Resources				
<i>Would the project:</i>				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11. Noise				
<i>Would the project result in:</i>				
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Issues	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12. Population and Housing				
<i>Would the project:</i>				
a) Induce substantial population growth in an area, either directly (e.g., by proposing new homes and businesses) or indirectly (e.g., through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Displace substantial numbers of people necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13. Public Services				
<i>Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:</i>				
a) Fire Protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Police Protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Issues	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
14. Recreation				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15. Transportation/Traffic <i>Would the project:</i>				
a) Cause an increase in traffic, which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Result in inadequate parking capacity?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16. Utilities and Service Systems <i>Would the project:</i>				
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Issues	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Result in a determination by the wastewater treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Comply with federal, state, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

17. Mandatory Findings of Significance				
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Issues	Potentially Significant Impact	Less Than Significant With Mitigation	Less Than Significant Impact	No Impact
c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Environmental Factors That Could Result in a Potentially Significant Impact

The environmental factors listed below are not checked because the proposed project would not result in a "potentially significant impact" as indicated by the preceding checklist and supported by substantial evidence provided in this document.

- | | | |
|--|---|---|
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Agriculture Resources | <input type="checkbox"/> Air Quality |
| <input type="checkbox"/> Biological Resources | <input type="checkbox"/> Cultural Resources | <input type="checkbox"/> Geology/Soils |
| <input type="checkbox"/> Hazards & Hazardous Materials | <input type="checkbox"/> Hydrology/Water Quality | <input type="checkbox"/> Land Use/Planning |
| <input type="checkbox"/> Mineral Resources | <input type="checkbox"/> Noise | <input type="checkbox"/> Population/Housing |
| <input type="checkbox"/> Public Services | <input type="checkbox"/> Recreation | <input type="checkbox"/> Transportation/Traffic |
| <input type="checkbox"/> Utilities/Services Systems | <input type="checkbox"/> Mandatory Findings of Significance | |

Environmental Determination

On the basis of this initial evaluation:

- I find that the proposed project could not have a significant effect on the environment, and a **Negative Declaration** will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. **A Mitigated Negative Declaration** will be prepared.
- I find that the proposed project MAY have a significant effect on the environment, and an **Environmental Impact Report** is required.
- I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measure based on the earlier analysis as described on attached sheets. An **Environmental Impact Report** is required, but it must analyze only the effects that remain to be addressed.
- I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier **EIR** or **Negative Declaration** pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier **EIR** or **Negative Declaration**, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signed



David Graham
Director of Public Works

Date

25 May 2018

SECTION 3 DISCUSSION OF ENVIRONMENTAL EVALUATION

1. AESTHETICS

The project site is not visible from designated scenic vistas or a designated state scenic highway; however, the project is located within an area of generally high scenic value, with panoramic views of the Sierra Nevada Mountains dominating the landscape, where they are visible. The project sites consist of parcels currently developed for public utilities.

A potential aesthetic issue is the removal of two mature willow trees. The trees are growing close to the existing pipes and structures and damaging them. The new pipes and structures involve the construction of concrete headwalls up to 30 feet wide and 13 feet high. To meet safety requirements, the construction will require the removal of a willow with about a 30 inch diameter trunk at the outlet of Pond 6 and the removal of a willow with about a 24 inch trunk at the Pond 6 end of the pipe between Pond 5 and 6. After removal of 2 trees, 5 willow trees with trunks ranging in diameter from 6 to 24 inches and 9 cottonwoods with trunks ranging in diameter from 14 to 42 inches will remain.

The proposed project will have a less than significant impact on aesthetics.

2. AGRICULTURAL RESOURCES

The site does not contain Prime Farmland and is not under a Williamson Act Contract to be preserved as farmland.

The proposed project will have no negative impact on agricultural resources.

3. AIR QUALITY

Air Quality within the City of Bishop and surrounding Inyo County is monitored and regulated by the Great Basin Unified Air Pollution Control District. Inyo County is listed as non-attainment for the state standard for PM-10 (particulate matter less than 10

microns in diameter) air emissions, which include chemical emissions and other inhalable particulate matter with an aerodynamic diameter of less than 10 microns.

The project is not expected to increase traffic-related emissions. Negative air quality impacts would be limited to the emissions from construction equipment involved in the construction of the proposed improvements. These impacts would last the approximately 1 month long construction period. The short duration of the proposed work combined with existing regulations regarding motor vehicle fuels and emissions would result in potential air quality impacts being well below any state or federal significance criteria.

The project does not propose any use or construction technique that would result in odors that would be objectionable to the general public.

PM-10 emissions during construction would be controlled through the implementation of best management practices to limit PM-10 emission such as regular use of a water truck to keep potential dust producing surfaces damp.

The removal of trees will tend to decrease the amount of carbon dioxide absorbed and the amount of oxygen released by trees in the project area.

The proposed project will have no negative impact on air quality.

4. BIOLOGICAL RESOURCES

No critical habitat or special status species, sensitive species or species of concern have been identified within the proposed project area. The entire project area is disturbed. The project area is predominantly populated with exotic and horticultural species of plants.

The removal of the 2 mature willow trees will destroy potential habitat, particularly habitat for birds. Most trees at the site will remain and construction is expected in the early fall, which is not a critical time for birds.

The City of Bishop General Plan Area does not include habitat, natural community, or other conservation plans. No conflicts are expected to occur.

The proposed project will have a less than significant affect on biological resources.

5. CULTURAL RESOURCES

The project sites are heavily disturbed with no significant cultural features. There are no known or visible historic or prehistoric cultural resources on the project sites. If cultural resources are discovered during construction, construction activity will be immediately stopped and a qualified cultural specialist will be contacted.

The proposed project will have no negative impact on cultural resources.

6. GEOLOGY AND SOILS

The Natural Resources Conservation Service (NRCS) indicate the soils consist of Lucerne loamy fine sand, 0 to 2 percent slopes. These soils are well drained when not compacted.

The Bishop Area is located in seismic Zone 4. The site is not in an Alquist-Priolo Special Studies Zone. No special measures are required to address potential seismic activity in the area during construction or during use of the constructed project.

The proposed project will have no negative impact on geology and soils.

7. HAZARDS AND HAZARDOUS MATERIALS

The construction of the project and use of the constructed features will not pose significant hazard to the public or the environment. Construction of the project will involve the short-term use of hazardous materials such as diesel fuel and grease associated with the construction equipment but the hazards of these materials are not substantially different from the hazards presented by similar materials now in use as well as expected in the future at the Wastewater Treatment. Refueling and equipment maintenance would be done off-site or within a contained area so as to avoid soil contamination on the project site. No long-term use of hazardous materials is foreseeable as a result of the project.

The proposed project will have no negative impact on hazards and hazardous materials.

8. HYDROLOGY AND WATER QUALITY

The project sites are internally draining and the potential for erosion is low.

The proposed project is intended to protect groundwater quality by reducing infiltration of treated effluent into the ground. Ponds 5 and 6 were originally constructed for storage, evaporation, and infiltration during non-irrigation months which are approximately December to February. It is only during non-irrigation months there is water in the ponds and infiltration during this period tends to artificially raise the elevation of groundwater in the area. After the project is implemented groundwater levels in the area of the project are expected to remain at more natural and lower levels.

The ponds are surrounded with berms or levies. The project involves replacing 3 pipes that extend through the berms. The pipes to be replaced are the outlets to Ponds 5 and 6 and the pipe between Ponds 5 and 6. The excavations for the pipe replacements will be as narrow as possible to minimize the disturbance to the existing berm structures. Backfill will be with compacted select material.

The proposed project will have a less than significant affect on hydrology and water quality.

9. LAND USE AND PLANNING

The project sites are owned by the City of Bishop and intended for public uses including wastewater treatment and disposal.

The site is zoned P, Public.

The proposed project will have no negative impact on land use and planning.

10. MINERAL RESOURCES

No mineral resources are known to exist on the project site.

The proposed project will have no negative impact on mineral resources.

11. NOISE

The proposed project would result in temporary noise associated with construction activities.

The proposed project will have no negative impact on noise.

12. POPULATION AND HOUSING

There is no housing located on the project site and none is proposed. The project sites are public property intended for public uses other than housing.

The proposed project would not require or encourage an increase in population or the construction of housing.

The proposed project will have no negative impact on population and housing.

13. PUBLIC SERVICES

The proposed project would contribute to the effectiveness of the City of Bishop sewer system.

The proposed project will have no negative impact on public services.

14. RECREATION

The project site is fenced off from use for recreation.

The proposed project will no impact on recreation.

15. TRANSPORTATION AND TRAFFIC

Although the project will generate a very small amount of construction traffic, the proposed project will have no impact on Transportation and Traffic.

16. UTILITIES AND SERVICE SYSTEMS

The proposed project would contribute to the effectiveness of the City of Bishop sewer system.

The proposed project will have no adverse impact on utilities and service systems.

17. MANDATORY FINDINGS OF SIGNIFICANCE

Project impacts would be mostly short-term and minor. The proposed project would not cause any potential impacts to the environment that could result in a mandatory finding of significance.

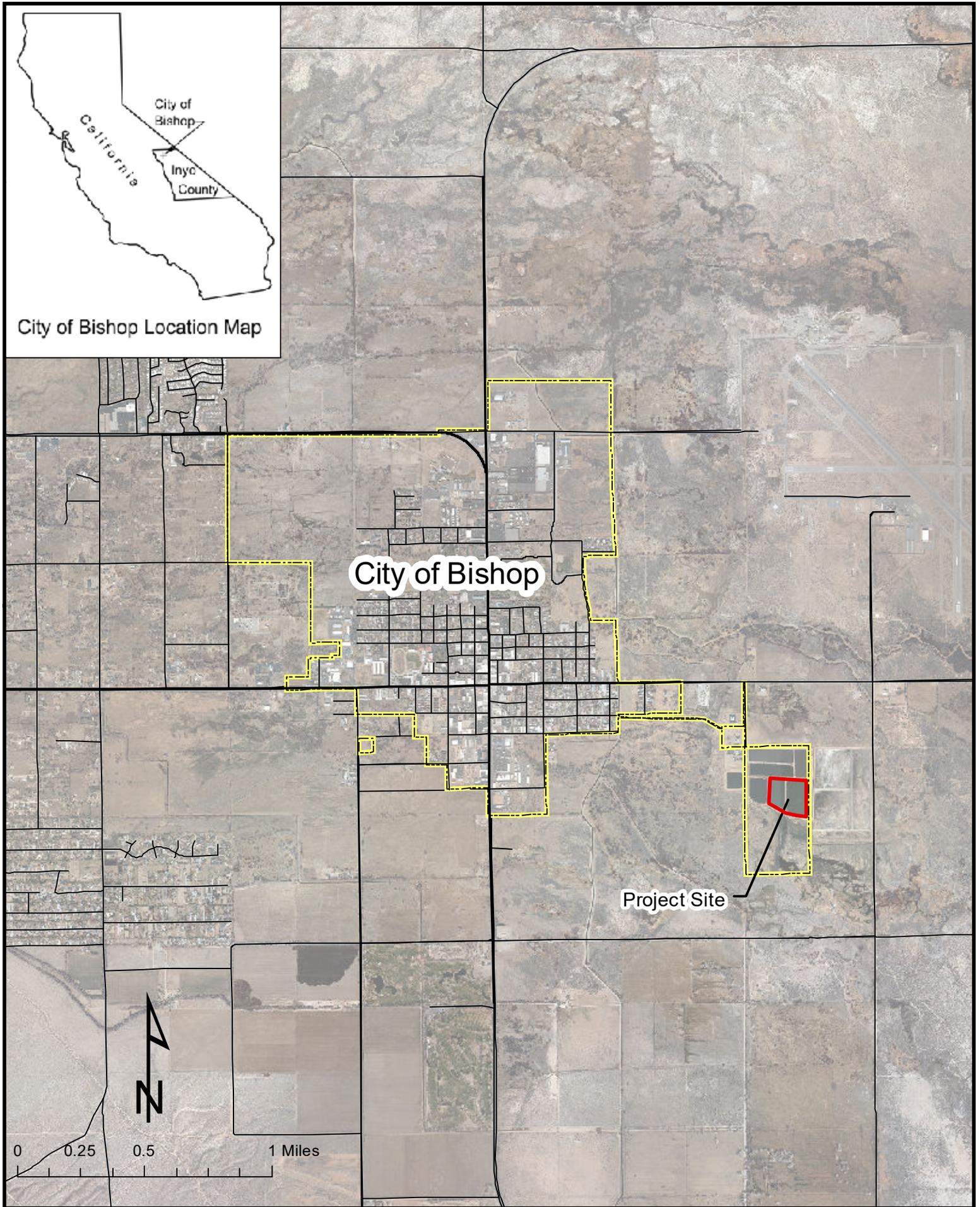
SECTION 4 ATTACHMENTS

Project Location Map

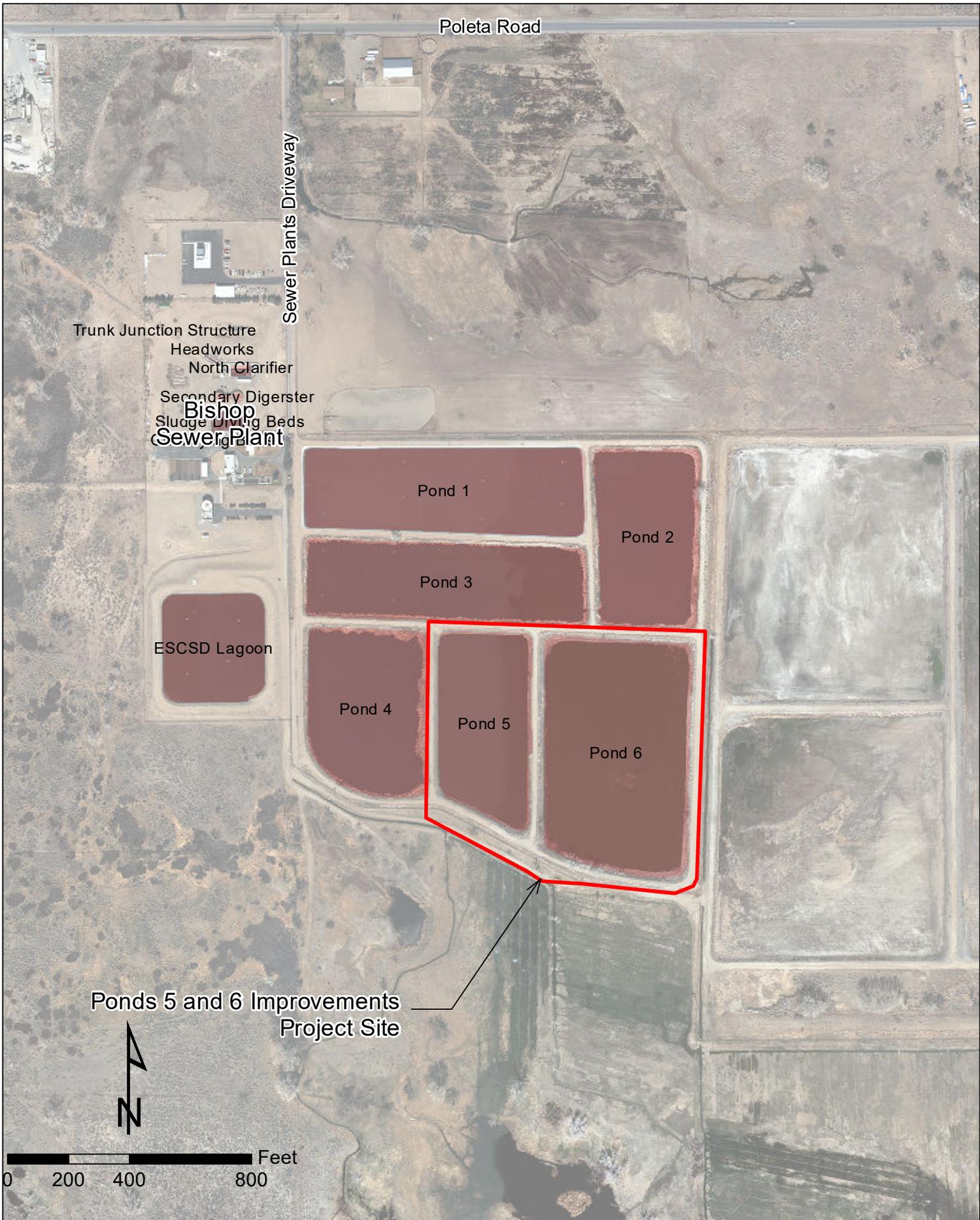
Bishop Sewer Ponds Map

Draft plans

City of Bishop Zoning Map



Ponds 5 and 6 Improvements Project Location Map



Poleta Road

Sewer Plants Driveway

Trunk Junction Structure
Headworks
North Clarifier
Secondary Digerster
Sludge Drying Beds
Bishop Sewer Plant

Pond 1

Pond 2

Pond 3

ESCSD Lagoon

Pond 4

Pond 5

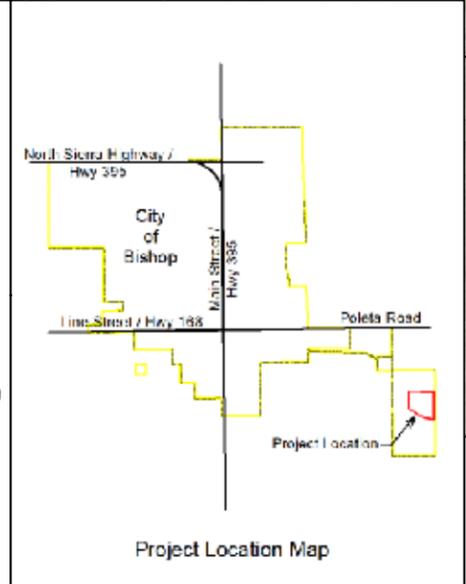
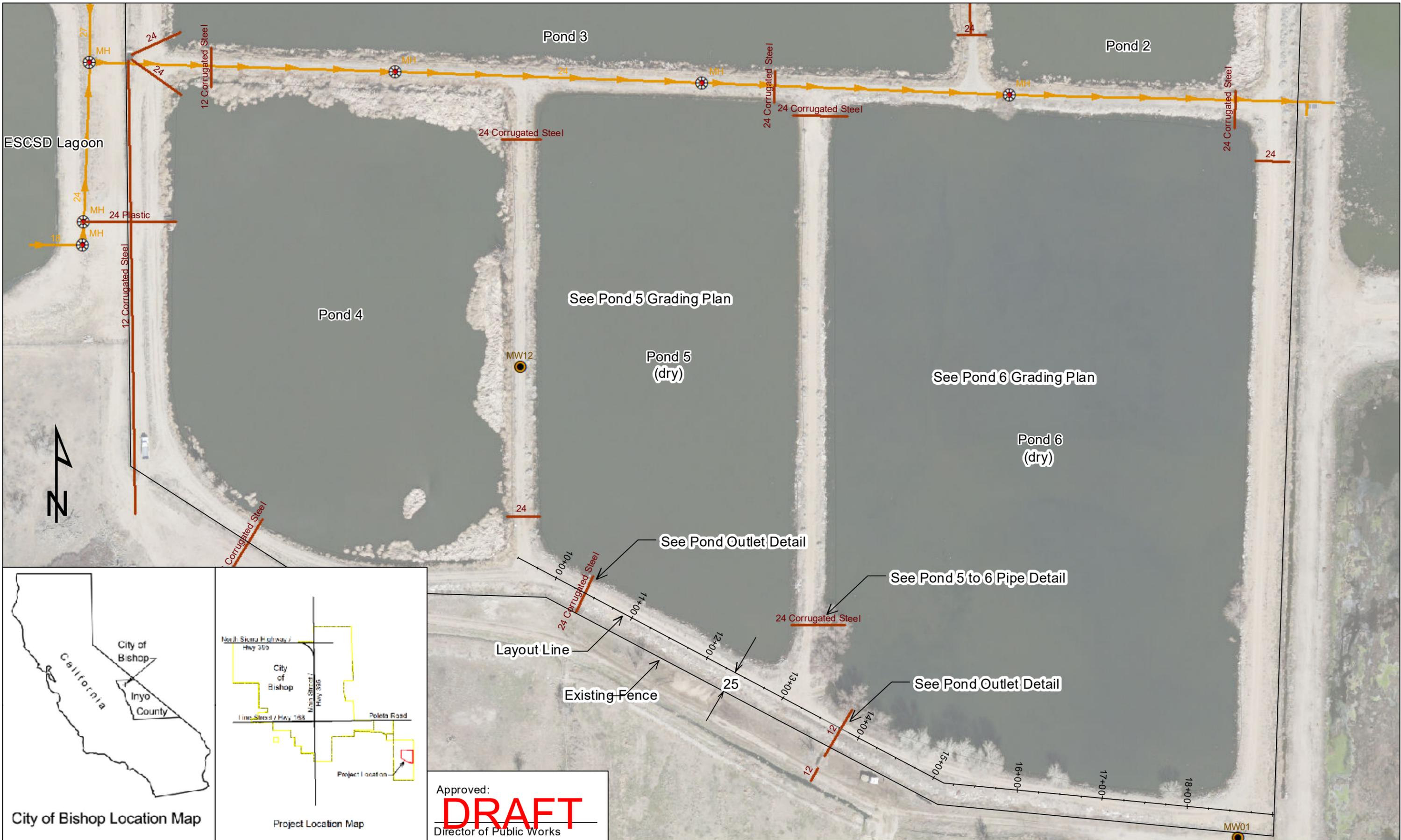
Pond 6

Ponds 5 and 6 Improvements
Project Site



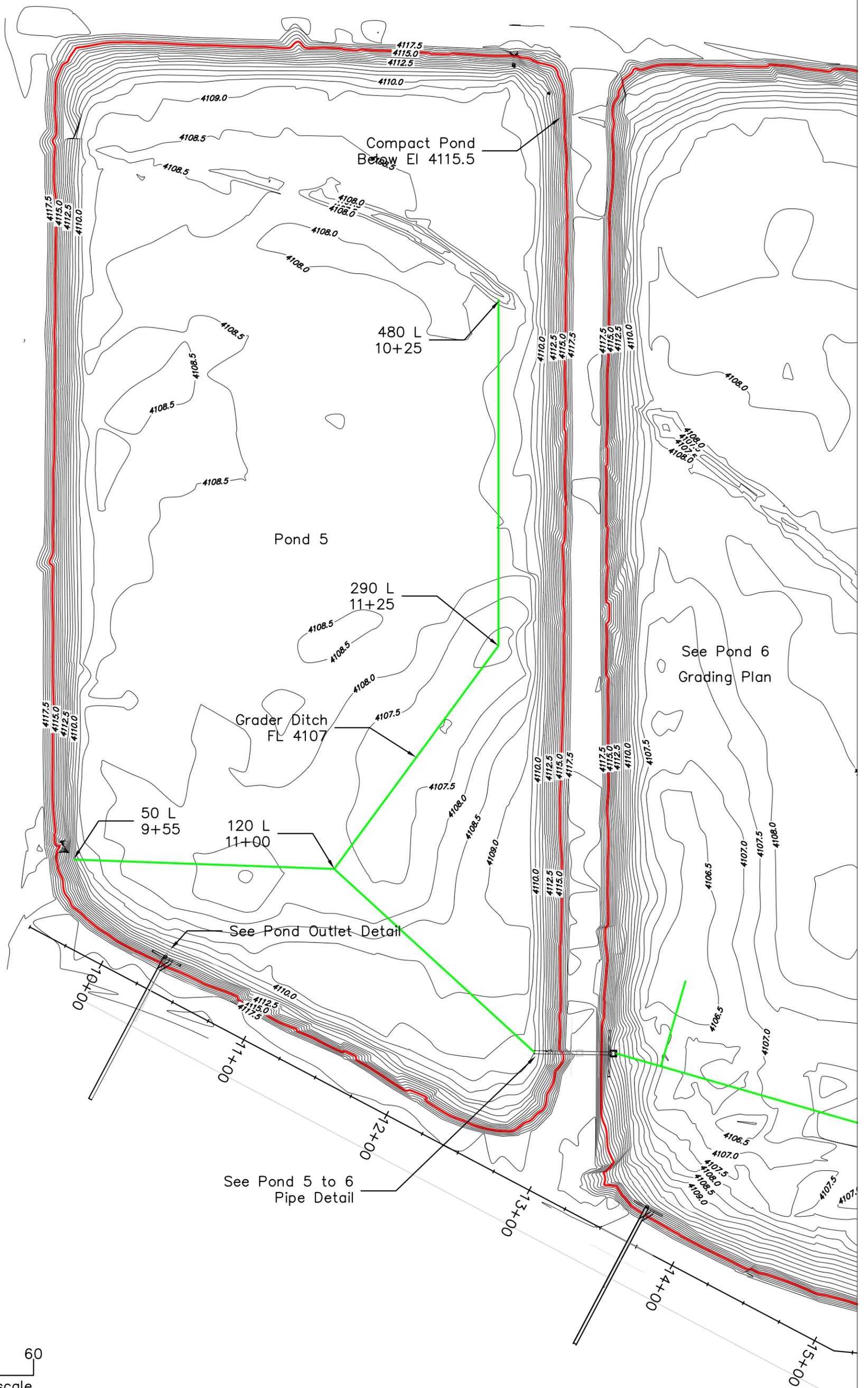
0 200 400 800 Feet

Bishop Sewage Ponds Map

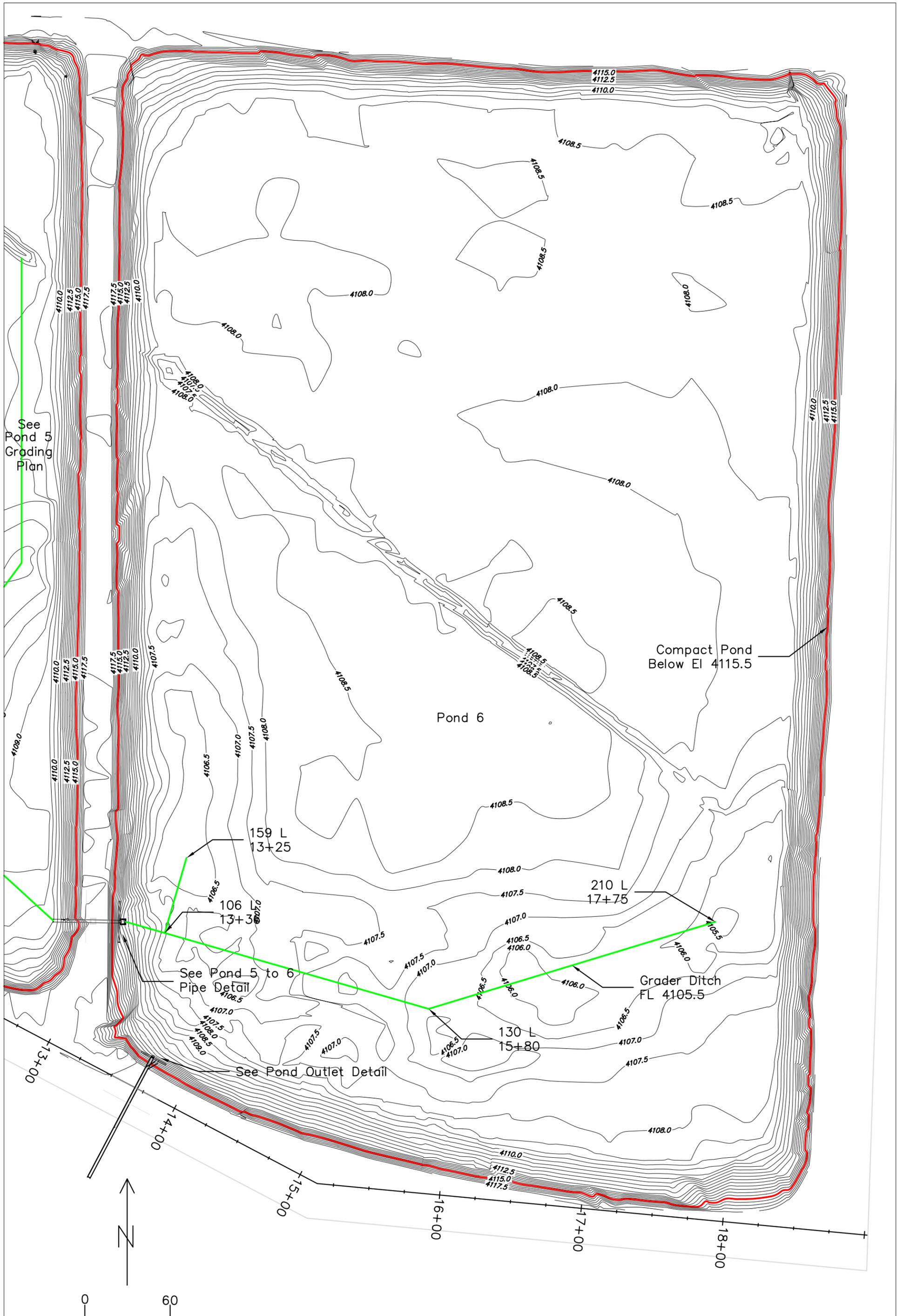


Approved:
DRAFT
 Director of Public Works

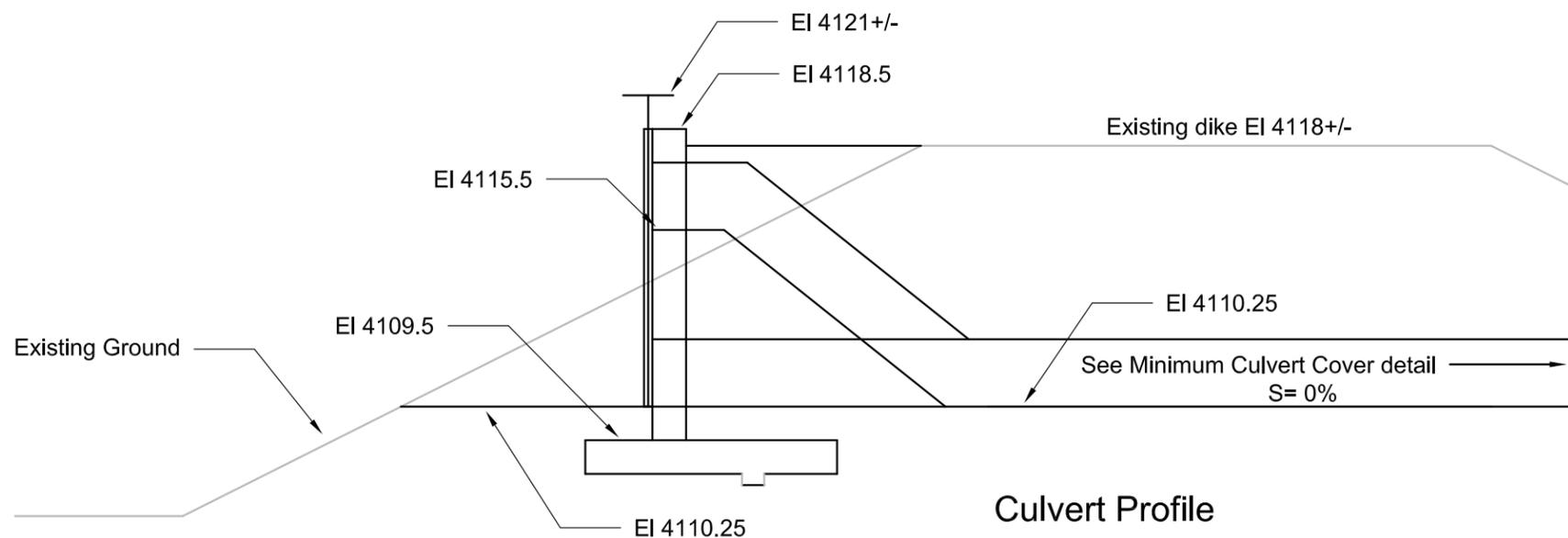
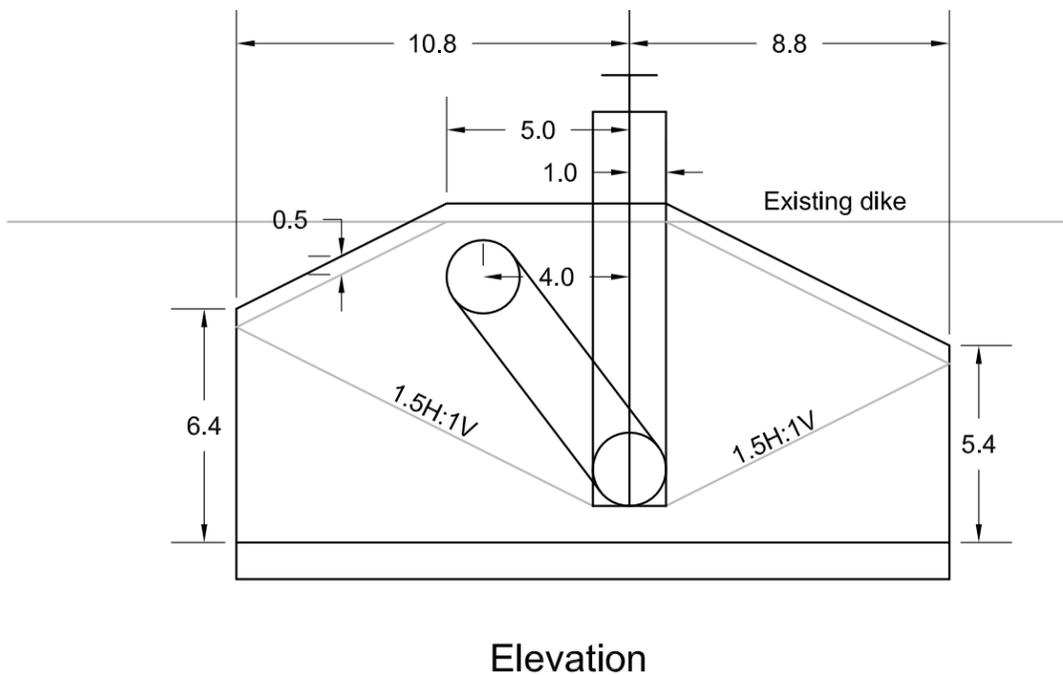
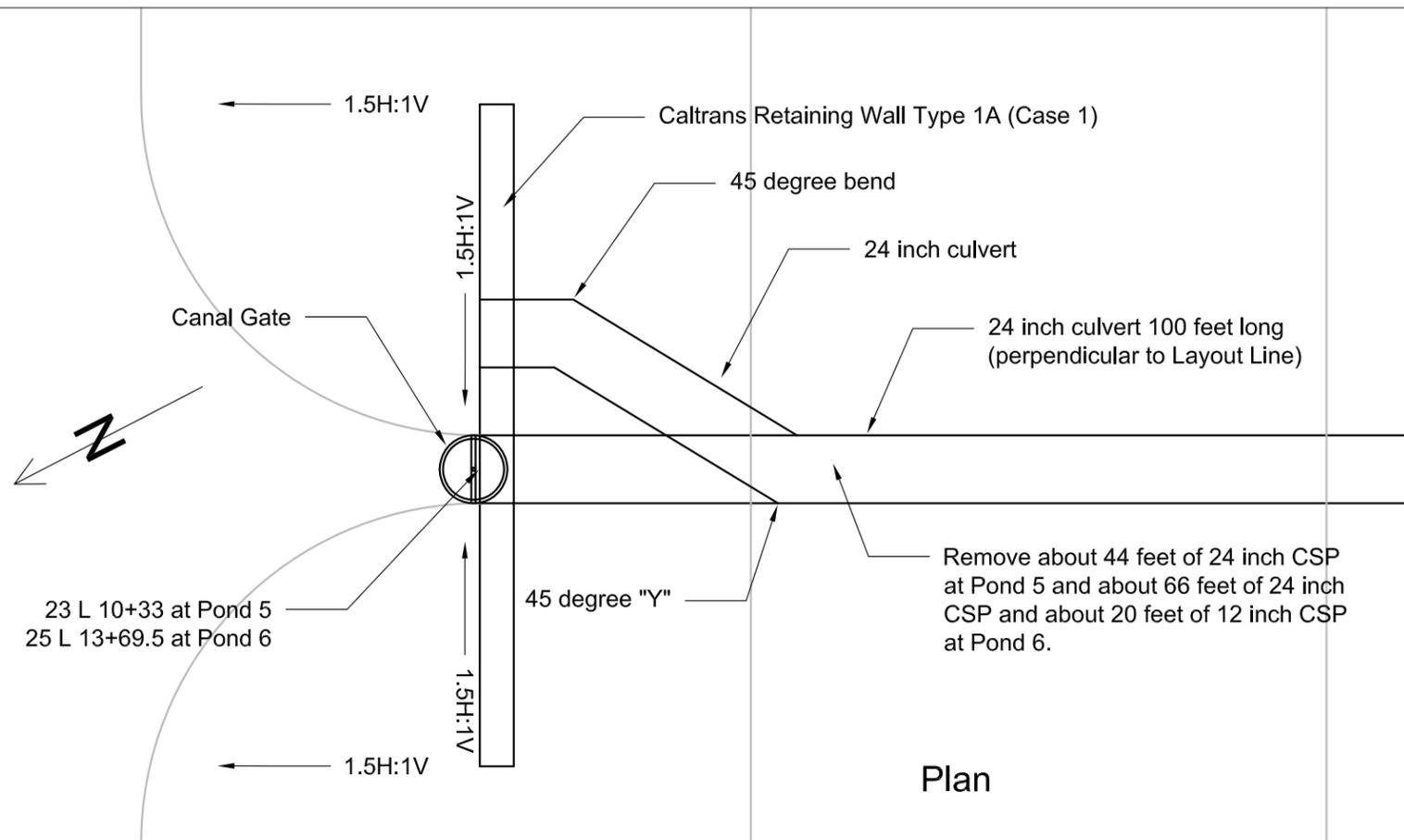
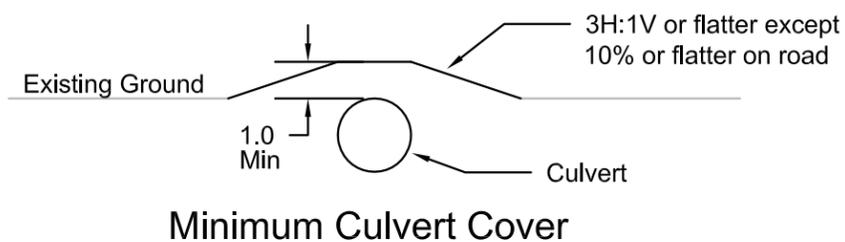
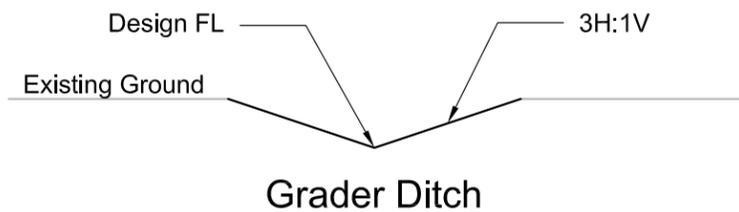




Original scale
1 inch = 60 feet



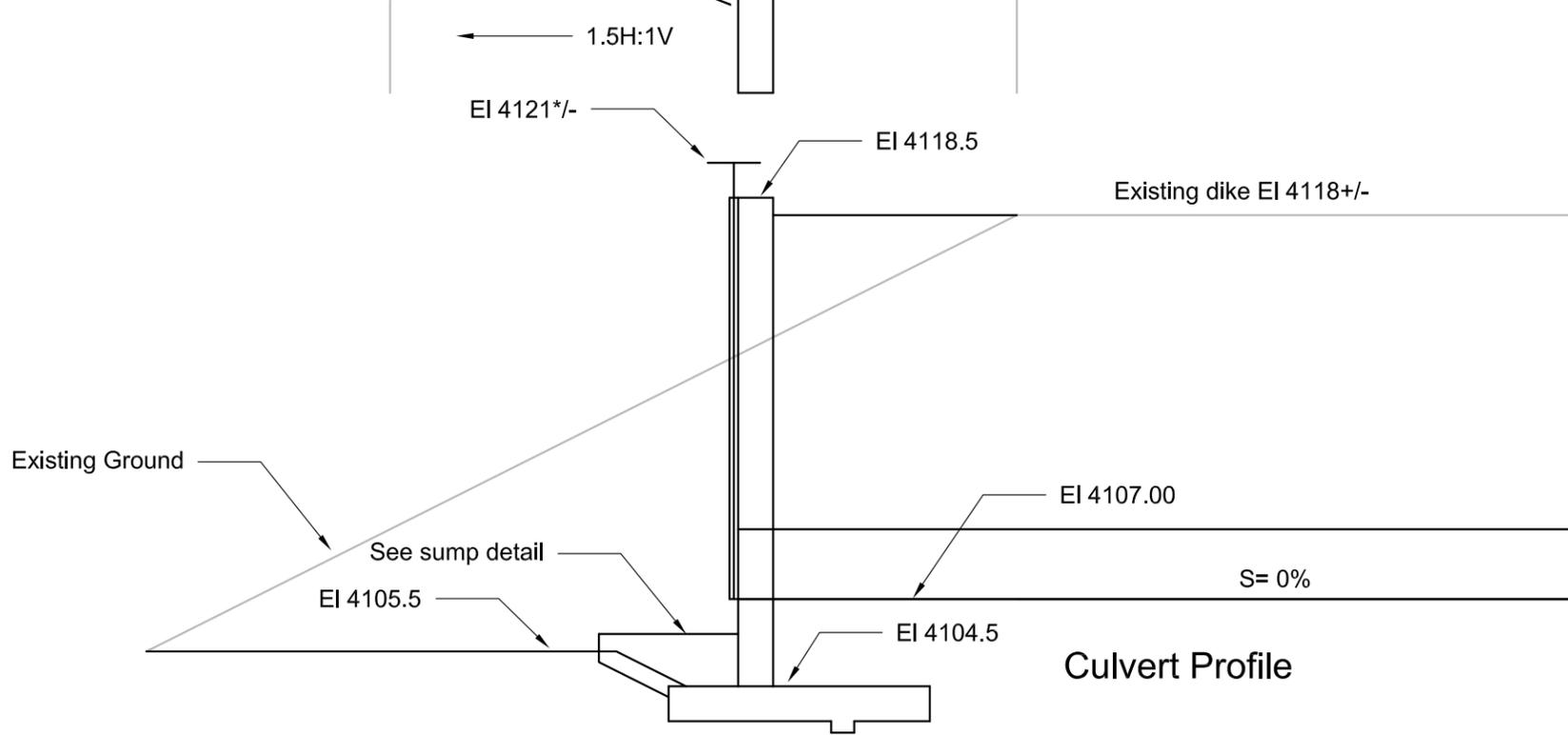
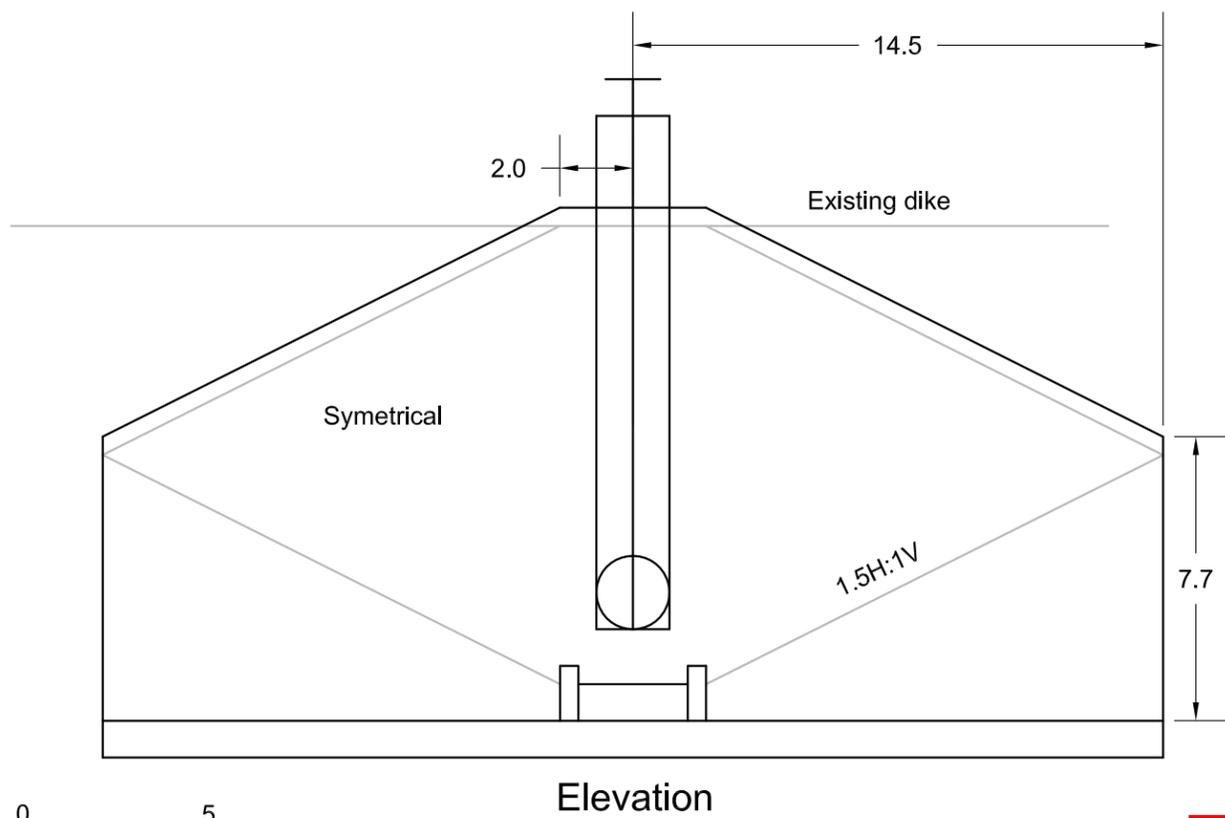
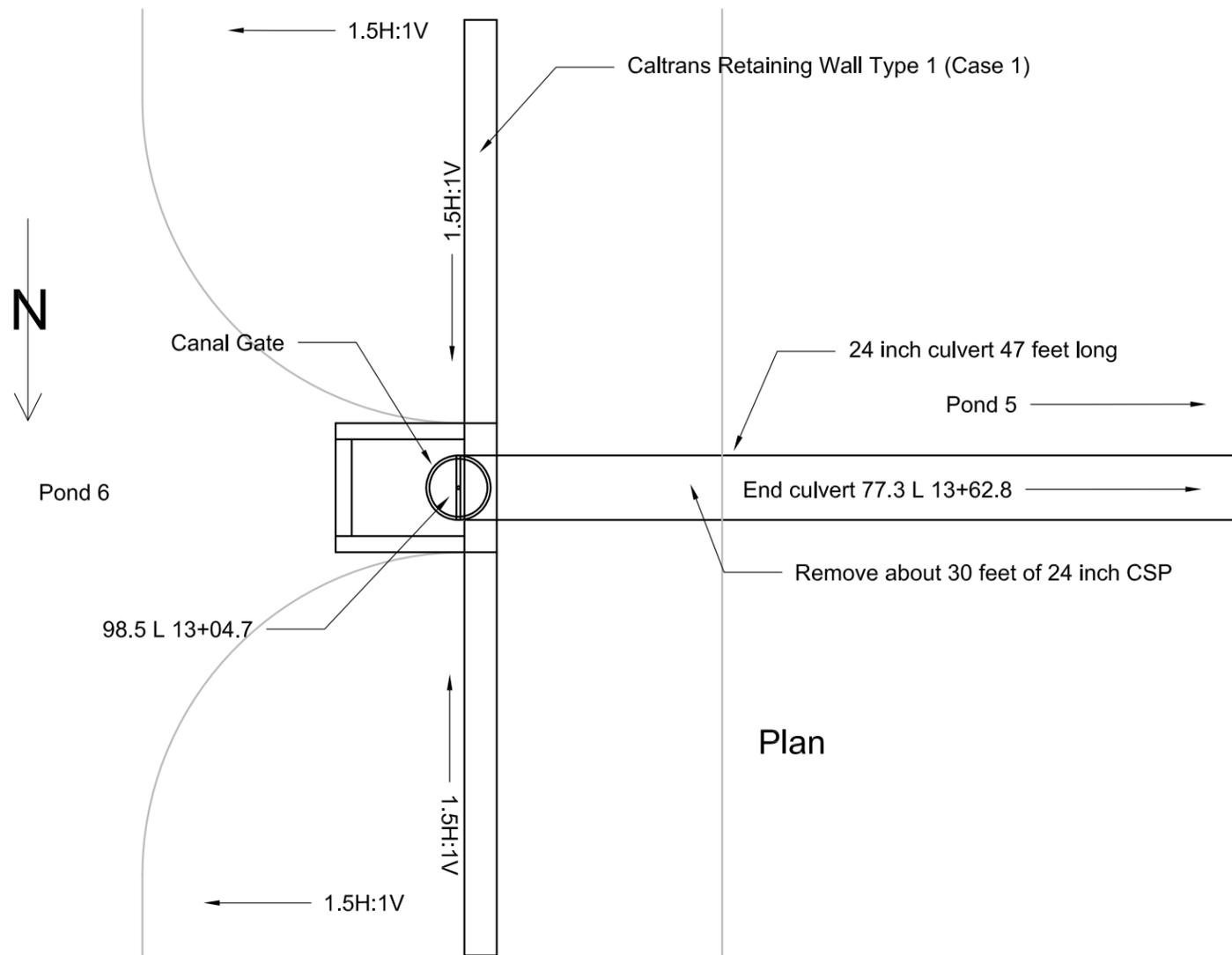
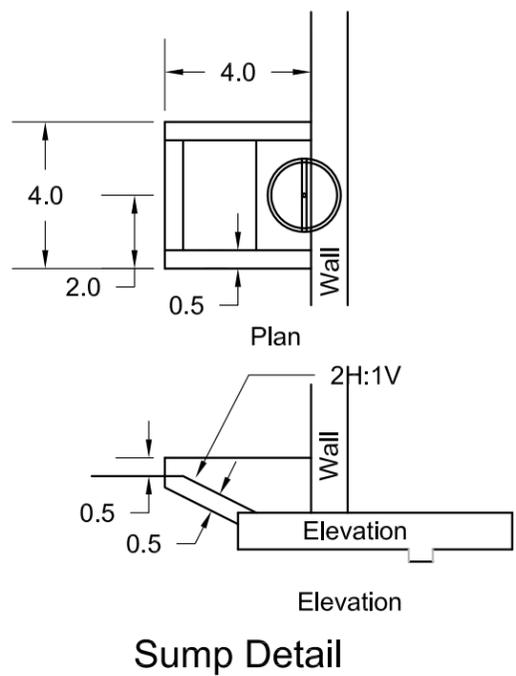
Pond 5 outlet and Pond 6 outlet identical except as shown.



0 5
Original scale 1 inch = 5 feet

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Pond Improvements

Sheet 4 of 5
Pond Outlet Detail



0 5
Original scale 1 inch = 5 feet

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Pond Improvements

Sheet 5 of 5
Pond 5 to 6 Pipe Detail

