SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals:

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background [HELP]

1. Name of proposed project, if applicable: **Tank 1 Replacement Project (and Tank 1A & 1B demolition)**

2. Name of applicant: **Covington Water District**

3. Address and phone number of applicant and contact person: **Tom Malphrus, P.E., Covington Water District, 18631 SE 300th Place, Covington, Washington 98042**

4. Date checklist prepared: **August 10, 2021**

5. Agency requesting checklist: **Covington Water District**

6. Proposed timing or schedule (including phasing, if applicable): **The project will be completed as funding and permitting allow, estimated completion 2023.**

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. **Not at this time.**

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
Covington Water District Water System Plan, May 2016; Department of Health Project Report, September 2019; Geotechnical Design Report, June 2019; Critical Areas Study, May 2019; Wetland Buffer Mitigation Plan, September 2019.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.
None known.

10. List any government approvals or permits that will be needed for your proposal, if known.
Department of Health Project Approval, King County Zoning Variance, Conditional Use Permit, Clearing and Grading Permit, Demolition Permit, Building Permit, Puget Sound Energy (PSE) New Power, Construction Stormwater Permit, FAA & FCC permits, King County Critical Areas Review & Mitigation Plan.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)
The proposed project site is approximately 8 acres and the proposed project includes construction of a new 6 MG reservoir approximately one parcel north of the Covington Water District's Headquarters Building. The project will include demolition of the District's two aging reservoirs (1A and 1B), the existing fueling station on the southern end of the project area, and a house and barn on the north end of the project area near the site of the proposed 6 MG Reservoir. The project will also include installation of site water piping modifications, stormwater piping and pond, electrical improvements, and construction of a fueling station at the southeastern corner of the project area. Connections of the new reservoir to the existing transmission main in 188th Avenue S.E. will be made along SE 300th Place. The project also includes installation of telemetry and site restoration.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic

map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

Main Project Parcels include: 0621069127 and 0621069149 (Covington WD HQ & existing reservoirs and fuel station demolition and new construction); 0621069073 (proposed site for 6.0 MG reservoir); 0621069221 (bioretention pond site and barn demolition); 0621069212 (building demolition): T 21N, R 6E, Section 6 for all sites.

B. Environmental Elements [HELP]

1. *Earth* [help]

a. General description of the site:

(Circle one): **Flat**, rolling, hilly, steep slopes, mountainous, **other (to gently sloping).**

b. What is the steepest slope on the site (approximate percent slope)?
The project area is nearly flat with a maximum slope of approximately 8%.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

NRCS Web Soil Survey indicates that the entire reservoir site is Alderwood gravelly sandy loam with 8 to 15% slopes.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

None known.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

The total affected area of filling, excavation and grading proposed at the new tank site is approximately 18,000 SF (9,133 SF asphalt & 8,442 SF roof). The area will be occupied by the new tank, an asphalt perimeter and an access road. Impervious surfaces will include:

- **1,350 SF gravel roadway**
- **3,638 SF gravel overlaying existing gravel roadway**
- **2,856 SF asphalt pavement replacing the existing tank roof surfaces**
- **75,853 SF asphalt overlaying existing impervious surfaces**

There will also be 3,830 SF of new pervious surfaces (hydroseeded) at the site of the northern existing reservoir. See Figure 2 for details on site surfacing.

Impervious gravel surfacing will overlay the demolished fueling station site (approx. 100 SF). Impervious asphalt surfacing will overlay the new fueling station site (approx. 800 SF).

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Erosion could occur associated with grading on the construction site(s). Temporary Erosion & Sediment Control Best Management Practices to be implemented may include use of straw bales, silt fences and sedimentation basins to reduce erosion and sedimentation both on and off the project site(s). Also, disturbed soils will be covered in the event of heavy rain. Disturbed areas not repaved or covered with new water infrastructure will be replanted with grass or native plant materials per King County Landscaping requirements.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
The area of new impervious surfaces will cover approximately 5% of the eight acre site and will consist of the new tank & new tank perimeter paving (18,000 SF) and new fueling station asphalt.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
Temporary Erosion & Sediment Control Best Management Practices to be implemented may include use of covering disturbed soils in the event of rain, use of straw bales, silt fences and sedimentation basins to reduce erosion and sedimentation on both the northern (new reservoir) site and the southern portion of the project area (tank & fueling station demolition/restoration & construction of a new fueling station).

2. Air [help]

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.
Construction equipment (excavators, dozers, cranes and trucks) will emit typical gas and diesel exhaust during construction. Demolition of the existing reservoirs, adjacent buildings and barn will create dust requiring mitigation (primarily watering). No emissions will continue to emanate from the site once the proposed demolition and construction activities are complete and the new reservoir, water mains and connecting infrastructure are operational. Vapors from the new fueling station will be filtered and vented to minimize concentration of volatile gases emanating from the site.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.
No.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:
Unnecessary equipment idling will not be permitted. Existing structures will be wetted down prior to demolition to confine fugitive dust to the project area. Ground-disturbing work will be restricted to normal daytime hours to minimize noise and disturbance of surrounding residents.

3. Water [help]

a. Surface Water: [help]

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

There are no named surface water bodies on the site. A small lake is present approximately .75 mile SE from the project area. Wetland biologists from the Watershed Company identified one small, seasonal, potentially jurisdictional wetland on the project site. The proposed reservoir will not impact the wetland directly, but would impact a portion of the wetland buffer on the site. The Watershed Company prepared a wetland buffer averaging plan to off-set the proposed wetland buffer impacts. Wetland Buffer Averaging Areas include 1,900 SF to the east of the proposed 6.0 MG Reservoir Site and 4,500 SF south of Parcel # 0621069055 at the north end of the project area. See Figure 2: Proposed Site Plan.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

No surface waters will be impacted by the proposed reservoir project. A portion of the proposed reservoir and perimeter road will be constructed within 80 feet of the edge of a wetland buffer on parcel No. 0621069073. Wetland buffer shown on Figures 1 & 2.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. **None.**

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

No.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No.

b. Ground Water: [help]

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

No.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals . . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

None.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Sources of stormwater runoff will include the following new project infrastructure: 1.) Hot mix asphalt driveway, 2.) Fuel Station canopy, and 3.) 6.0 MG Reservoir roof. New stormwater facilities will include catch basins and associated piping that will be designed to capture and convey flow to existing facilities within the adjacent roadways. Stormwater will be captured on site and collected in a stormwater detention facility. Stormwater will not flow into adjacent waters.

2) Could waste materials enter ground or surface waters? If so, generally describe.
No.

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

Site soils at the north end of the project area are largely impermeable and water tends to collect in the seasonal wetland or flow overland to the west. The proposed reservoir installation will not affect water flowing to the seasonal wetland. Water that flows west will be directed into the storm system and released from the stormwater detention pond farther west in the normal flow path.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

Flow will be released into a flow spreader.

4. Plants [help]

a. Check the types of vegetation found on the site:

__x__deciduous tree: **alder**, **maple**, **willows,** aspen, other
__x__evergreen tree: **fir**, **cedar**, **pine,** other
__x__shrubs
__x__grass
__x__pasture
_____crop or grain
_____ Orchards, vineyards or other permanent crops.
__x__ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
_____water plants: water lily, eelgrass, milfoil, other
_____other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

Removal of grass, shrubs and a few small deciduous and pine trees on the proposed reservoir and storm pond site. Non-native screening trees along the northern property line of the reservoir site will be removed to allow for the building of a security fence. Native and non-native trees in the parking lot planting areas on the existing campus site will be removed to allow for security sight line corridors. The trees removed in the parking lot area will be replaced with native plants.

c. List threatened and endangered species known to be on or near the site.

The USFWS IPaC Species List (4-26-2019) did not include any threatened or endangered plant species likely to be present in the project area.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
Areas disturbed by the proposed project and not covered by the new reservoir or its associated conveyance and treatment infrastructure will be hydroseeded with grass, or replanted with native vegetation in accordance with a site revegetation plan consistent with King County landscaping requirements.

e. List all noxious weeds and invasive species known to be on or near the site.
None known.

5. Animals [help]

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.

Hawk, eagle, songbirds, jay, owl. Deer, elk, rabbit, mice. More than likely racoon, and other small mammals frequent the site.

b. List any threatened and endangered species known to be on or near the site.
The USFWS Information, Planning and Consultation (IPaC) Database indicated that migratory birds may pass through the project area. The ESA-listed species in the area include: 1.) marbled murrelet, 2.) streaked-horned lark, 3.) yellow-billed cuckoo, 4.) North American wolverine, 5.) Gray wolf, and 6.) Bull trout. None of these species are likely to be present in the immediate project area due to the lack of suitable habitat and the presence of human activity associated with construction and operation of the District's water system. Further, the USFWS Species List indicated that no critical habitat for these species is present in the project area.

c. Is the site part of a migration route? If so, explain.
The project area is located within the Pacific Flyway for waterfowl, though the lack of surface water on the site minimizes the potential for project impacts, as migratory birds would be more likely to concentrate on or near lakes in the area.

d. Proposed measures to preserve or enhance wildlife, if any:
Disturbed areas not paved or covered by the proposed reservoir and associated infrastructure will be replanted with grass and native vegetation in accordance with a planting plan consistent with King County requirements.

e. List any invasive animal species known to be on or near the site.
None known.

6. Energy and Natural Resources [help]

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Electric power will be used on-site during construction and operation for instrumentation, site lighting and communication with the District's SCADA system. Generators may be used during construction to power some equipment.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

Idling of construction equipment and vehicles will be minimized, and the proposed reservoir and associated piping will be designed to operate by gravity to the extent practicable.

7. Environmental Health [help]

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste that could occur as a result of this proposal?
If so, describe.
The existing fueling station near the south end of the project area will be demolished and a new filling station will be constructed nearby. The existing fueling station is out of service due to leak concerns

1) Describe any known or possible contamination at the site from present or past uses.
The only potential area subject to contamination on the site would be the existing fueling station. However, it is not known whether any such spills or contamination has occurred. A recent water main installation project passed close to the station and no contamination was uncovered.

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.
None known.

3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.
The only toxic/hazardous chemicals that would be on site during construction would be fuels, lubricants and coolants that are typically present in construction equipment and that would be present at the new fueling station. Other potentially toxic materials used on site would include tank coating-related paints and solvents. The new fueling station will store gasoline and diesel fuel for emergency use.

4) Describe special emergency services that might be required.
None.

5) Proposed measures to reduce or control environmental health hazards, if any:
Construction equipment and vehicles will be equipped with hazardous materials spill kits and construction crews will be trained in their use. The

new fuel storage tanks at the fueling station will be double-walled and equipped with overflow/leak collection and containment structures.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

None

3) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Short-term noise from vehicles, and construction equipment will occur during normal work hours (between 08:00 am and 6:00 pm). Once construction is complete and the new reservoir and fueling station are operational, there will be no significant project noise.

3) Proposed measures to reduce or control noise impacts, if any:

The Contractor will be required to work during acceptable work hours consistent with local ordinances. **Generators used in construction will be silenced to the extent practicable**.

8. Land and Shoreline Use [help]

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

The project will require a Zoning Variance and Conditional Use Permit from King County. Currently, the project site and areas to the north, south and west contain Covington Water District facilities, or they are vacant land. The proposed reservoir site is currently vacant land, and there is a residence to the east of the project site. Another unoccupied residential building to the west of the new reservoir site will be demolished as part of this project and a King County Demolition Permit will be obtained for this work.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

No.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

No.

c. Describe any structures on the site.

The proposed reservoir site is largely vacant land containing a small goat shed, which will be demolished and wastehauled.

d. Will any structures be demolished? If so, what?

Two existing reservoirs on the Covington Water District Headquarters Site, 1 residential building and 1 barn on adjacent Water District properties will be demolished.

e. What is the current zoning classification of the site?

Single-Family residential Use (RA 5).

f. What is the current comprehensive plan designation of the site?

Open Space

g. If applicable, what is the current shoreline master program designation of the site?

Not applicable.

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

Wetland biologists from the Watershed Company indicated that there is a Category 3 wetland east of the New Reservoir Site, but that the proposed reservoir would not impact the wetland directly. The Buffer Averaging Areas proposed by the Watershed Company immediately east of the Reservoir Site and south of Parcel 0621069055 are illustrated on Figures 1 & 2. Use of wetland buffer averaging will allow project construction to avoid directly impacting wetlands and provide adequate wetland buffers on the site.

i. Approximately how many people would reside or work in the completed project?

No people will reside on the District's tank site. However, Covington Water District staff will occasionally visit the reservoir site to inspect and maintain the new reservoir. The total site which includes the District headquarters and operation buildings houses approximately 40 emplyees.

j. Approximately how many people would the completed project displace?

None.

k. Proposed measures to avoid or reduce displacement impacts, if any:

Not applicable.

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

The proposed reservoir at the north end of the site will replace the function of the two existing reservoirs on the District Headquarters Site (south end of the site), which do not meet current seismic design requirements. The new reservoir will be located on an adjacent District-owned parcel at the same elevation as the existing tanks to ensure compatibility with the District's water system and service area requirements. A King County Zoning Variance and Conditional Use Permit will be obtained for this project. A King County Demolition Permit will be required for removal of the existing reservoirs and other structures.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

Not applicable.

9. Housing [help]

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

None.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

None.

c. Proposed measures to reduce or control housing impacts, if any:

None.

10. Aesthetics [help]

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

The new reservoir will be approximately 120 feet tall. It will be painted, welded steel.

b. What views in the immediate vicinity would be altered or obstructed?

Some territorial views from adjacent parcels will be altered, as two reservoirs of approximately equivalent height on the south end of the project area will be eliminated, while one new, larger reservoir will be constructed to the north.

c. Proposed measures to reduce or control aesthetic impacts, if any:
The new reservoir site will be fenced and screened with vegetation to improve aesthetics of the property and minimize the visual impacts. Where possible trees which currently provide screening of the site will be left in place.

11. Light and Glare [help]

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
Not applicable.

b. Could light or glare from the finished project be a safety hazard or interfere with views?
No.

c. What existing off-site sources of light or glare may affect your proposal?
None.

d. Proposed measures to reduce or control light and glare impacts, if any:
None.

12. Recreation [help]

a. What designated and informal recreational opportunities are in the immediate vicinity?
None.

b. Would the proposed project displace any existing recreational uses? If so, describe.
No.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:
Not applicable.

13. Historic and cultural preservation [help]

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers ? If so, specifically describe.
The Department of Archaeology & Historic Preservation WISAARD Database was reviewed for the area surrounding the Covington Water District project area in Township 21N, Range 6E, Section 6. No structures over 45 years old were noted and no buildings, structures, or sites eligible for inclusion on national, state or local preservation registers were identified in the vicinity.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.
No.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

The Department of Archaeology & Historic Preservation WISAARD Database was reviewed for the area surrounding the Covington Water District project area in Township 21N, Range 6E, Section 6 and no cultural, historic or archaeological resources were identified.

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

In the unlikely event that resources of cultural, historic or archaeological significance are disturbed during construction, construction activities at the discovery site will be halted, the site shall be secured, and the District Project Manager, the Project Engineer, the Department of Archaeology & Historic Preservation and any concerned Tribes will be consulted regarding final curation and storage of the subject items.

14. Transportation [help]

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.

Access to the reservoir site for District employees will be from SE 300th Place. The main road to the site is 188th Ave SE.

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

No, the nearest bus stops are located on SE 272nd approximately four miles from the project site.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

In general, no additional parking spaces will be created or destroyed. Parking information has been submitted to county planners for review and approval.

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

New water pipes will cross SE 300 Place, which will be resurfaced as part of the project.

e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No.

f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

No additional trips will be generated once construction is completed. District employees would continue to make regular trips to the reservoir site to ensure proper operation and maintenance of the new facilities just as they do with the facilities to be destroyed.

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.
No.

h. Proposed measures to reduce or control transportation impacts, if any:
Delivery of over-sized construction vehicles and equipment will be timed to coincide with light traffic periods. Other than proper flagging of construction vehicles and equipment, no traffic control measures will be required to minimize transportation impacts. The completed project will generate no additional traffic.

15. Public Services [help]

a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.
No. The project will provide adequate water service throughout the District's service area and eliminate the seismic hazard posed by the aging tanks 1A & 1B on the southern portion of the project area.

b. Proposed measures to reduce or control direct impacts on public services, if any.
None. Implementation of the proposed project will ensure adequate domestic water service and fire flow throughout the District's service area, which will improve community resilience in the event of earthquakes and other natural disasters.

16. Utilities [help]

a. Circle utilities currently available at the site:
Electricity, Natural Gas, Telephone, Water, Refuse Service, Septic System.

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.
Water: Covington Water District, Electrical: Puget Sound Energy, Stormwater facilities: Covington Water District. Implementation of the proposed project will provide seismically adequate domestic water storage and fire flow for distribution to Covington Water District customers.

C. Signature [HELP]

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

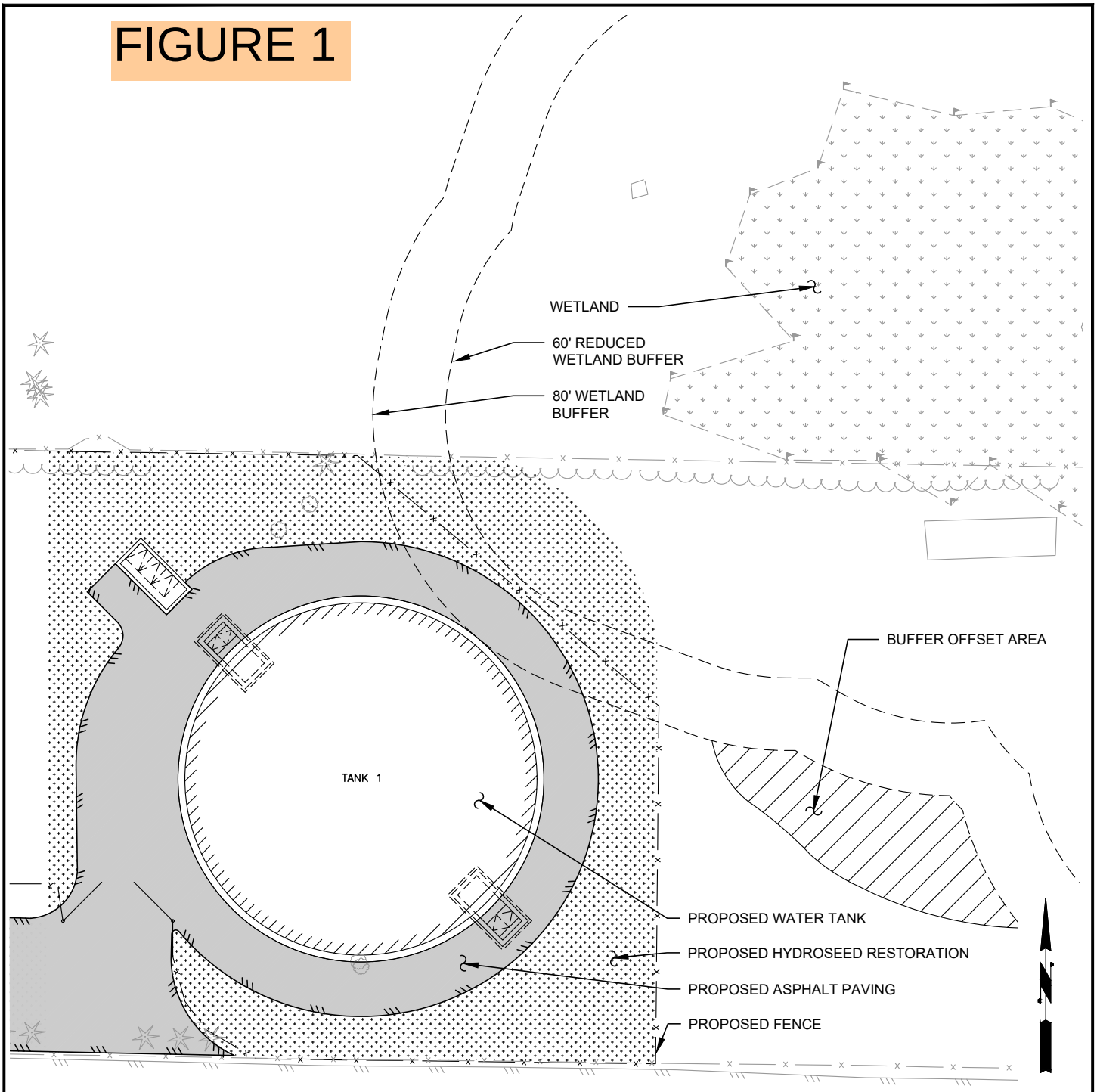
Signature: Tom Malphrus

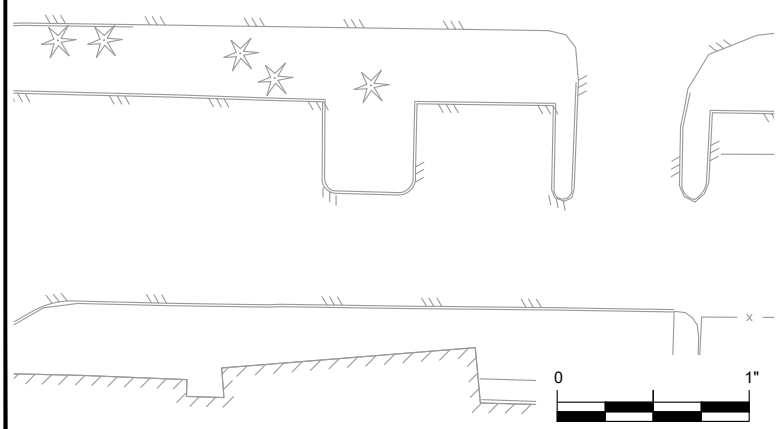
Name of signee Tom Malphrus

Position and Agency/Organization Project Engineer, Covington Water District

Date Submitted: August 10, 2021

FIGURE 1





40' 20' 0 40' 80'

SCALE: 1"=40'

COVINGTON WATER DISTRICT

TANK 1 REPLACEMENT PROJECT

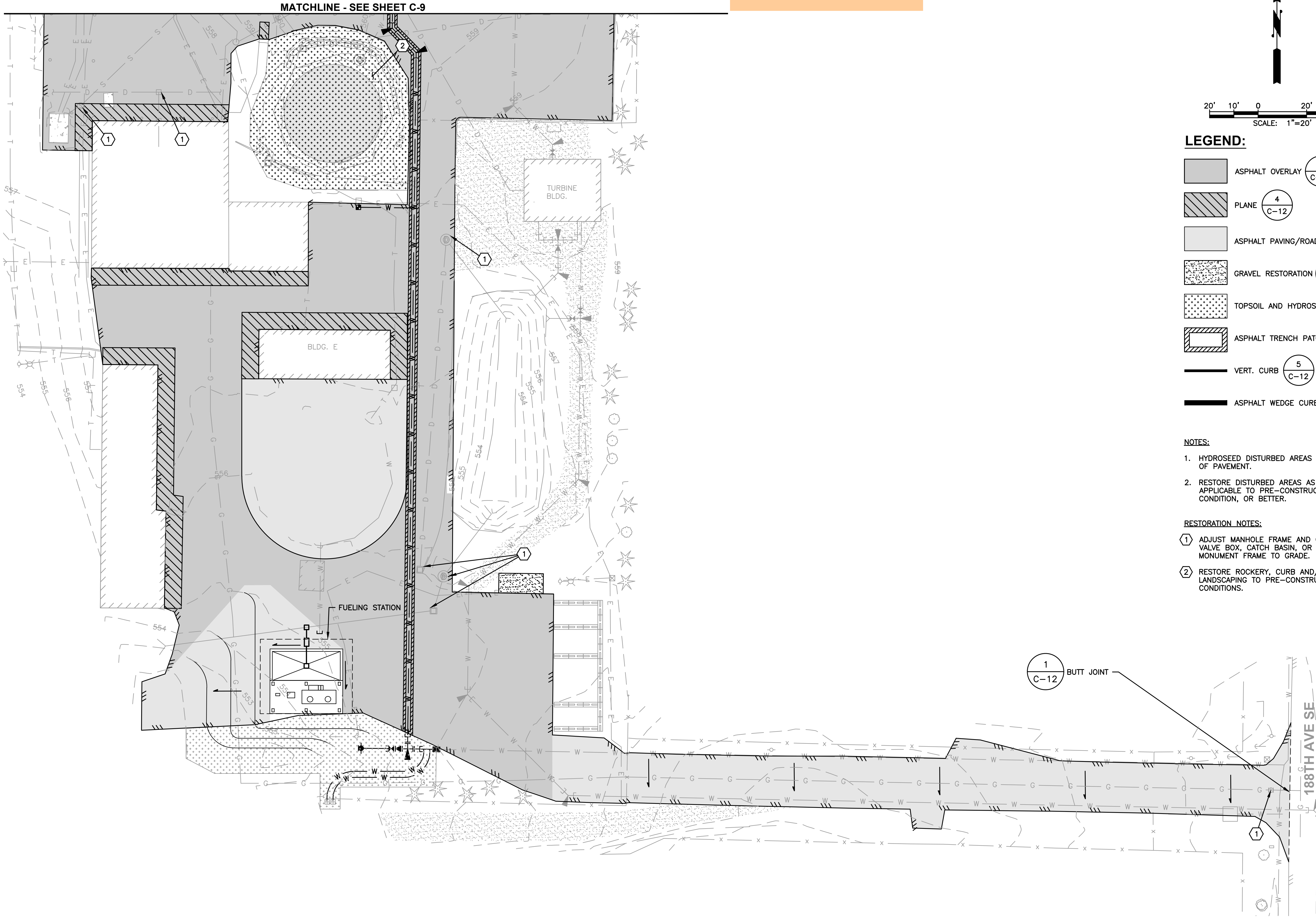
FIGURE 1

RESERVOIR WITH WETLAND BUFFER

Gray & Osborne, Inc.
CONSULTING ENGINEERS

L:\Covington Water District\17645 Tank 1 Replacement Project\01 Design\Planset\figures\WETLAND KING COUNTY.dwg, 7/19/2021 1:27 PM, ARTEMIS ZAFARI

FIGURE 2-A



SOUTH SITE RESTORATION & GRADING PLAN

SCALE: 1"=20'-0"

20' 10' 0 20' 40'
SCALE: 1"=20'

LEGEND:

- ASPHALT OVERLAY (3 / C-12)
- PLANE (4 / C-12)
- ASPHALT PAVING/ROAD RECONSTRUCTION (2 / C-12)
- GRAVEL RESTORATION (7 / C-12)
- TOPSOIL AND HYDROSEED (9 / C-12)
- ASPHALT TRENCH PATCH (8 / C-12)
- VERT. CURB (5 / C-12)
- ASPHALT WEDGE CURB (6 / C-12)

NOTES:

1. HYDROSEED DISTURBED AREAS OUTSIDE OF PAVEMENT.
2. RESTORE DISTURBED AREAS AS APPLICABLE TO PRE-CONSTRUCTION CONDITION, OR BETTER.

RESTORATION NOTES:

(1) ADJUST MANHOLE FRAME AND COVER, VALVE BOX, CATCH BASIN, OR MONUMENT FRAME TO GRADE.

(2) RESTORE ROCKERY, CURB AND/OR LANDSCAPING TO PRE-CONSTRUCTION CONDITIONS.

0 1" 2"
TWO INCHES AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

Gray & Osborne, Inc.
CONSULTING ENGINEERS
1130 RAINIER AVENUE SOUTH, SUITE 300
SEATTLE, WASHINGTON 98144 • (206) 284-0860

DATE: NOV 2019 | SCALE: NOTED | DRAWN: KJK | CHECKED: RJW | APPROVED: LDS

No.	REVISION	DATE	APPD

PRELIMINARY NOT FOR CONSTRUCTION

STEPHEN JOHN CLARKE, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER, 31734

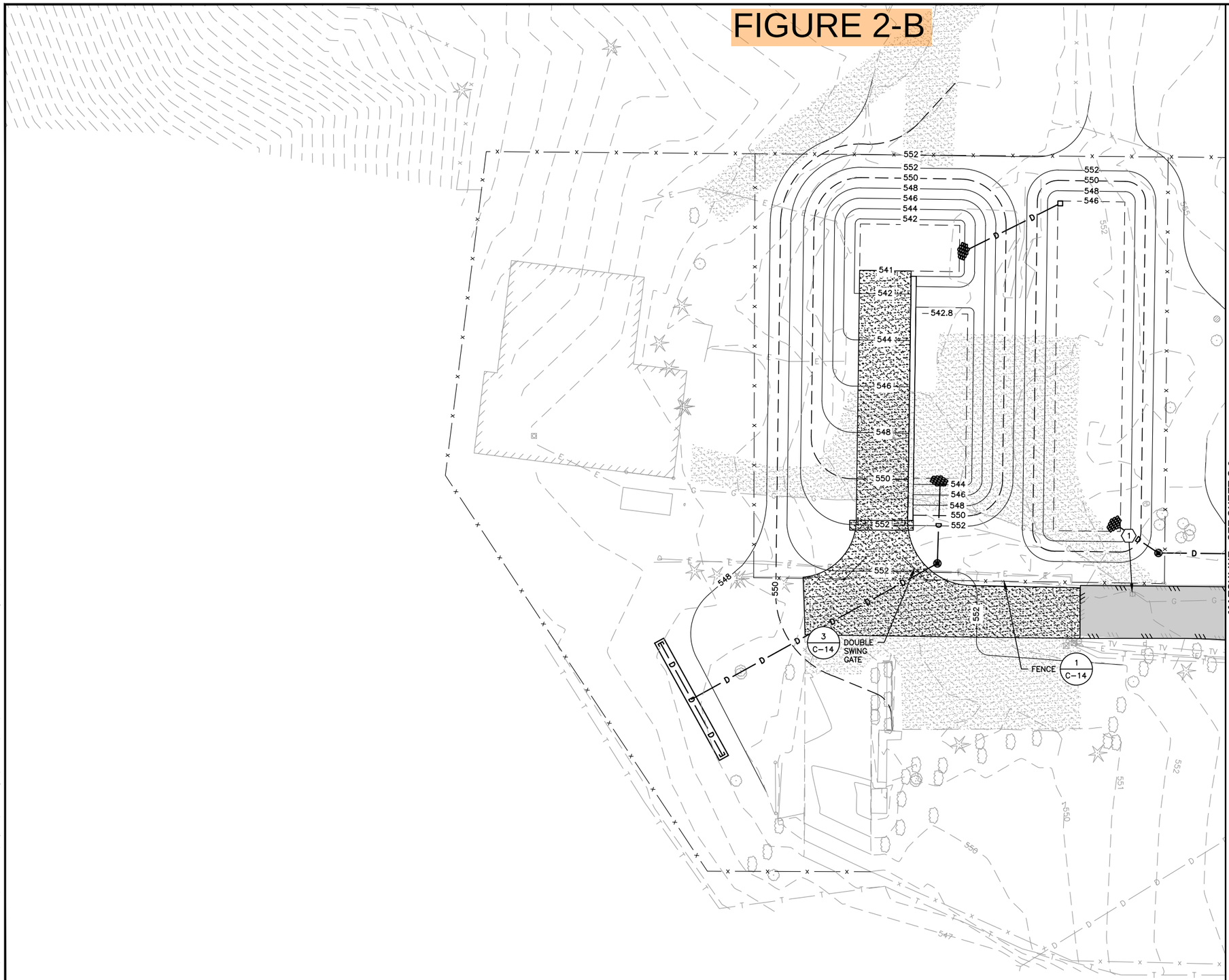
LANCE D. STEVENS, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER, 45274

COVINGTON WATER DISTRICT
KING COUNTY WASHINGTON
TANK 1 REPLACEMENT PROJECT
SOUTH SITE RESTORATION & GRADING PLAN

SHEET: C-7
OF: 16

JOB NO.: 17645
DWG: GRADING PLAN - OPT B

FIGURE 2-B



30' 15' 0 30' 60'

SCALE: 1"=30'

LEGEND:

- ASPHALT OVERLAY (3 / C-12)
- PLANE (4 / C-12)
- ASPHALT PAVING/ROAD RECONSTRUCTION (2 / C-12)
- GRAVEL RESTORATION (7 / C-12)
- TOPSOIL AND HYDROSEED (9 / C-12)
- ASPHALT TRENCH PATCH (8 / C-12)
- VERT. CURB (5 / C-12)
- ASPHALT WEDGE CURB (6 / C-12)

NOTES:

1. HYDROSEED DISTURBED AREAS OUTSIDE OF PAVEMENT.
2. RESTORE DISTURBED AREAS AS APPLICABLE TO PRE-CONSTRUCTION CONDITION, OR BETTER.

RESTORATION NOTES:

(1) ADJUST MANHOLE FRAME AND COVER, VALVE BOX, CATCH BASIN, OR MONUMENT FRAME TO GRADE.

(2) RESTORE ROCKERY, CURB AND/OR LANDSCAPING TO PRE-CONSTRUCTION CONDITIONS.

0 1" 2"

TWO INCHES AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

Gray & Osborne, Inc.
CONSULTING ENGINEERS
1130 RAINER AVENUE SOUTH, SUITE 300
SEATTLE, WASHINGTON 98144 • (206) 284-0860

DATE: NOV 2019	SCALE: NOTED	DRAWN: KJK	CHECKED: RJW	APPROVED: LDS

No.	REVISION	DATE	APPD

PRELIMINARY NOT FOR CONSTRUCTION

STEPHEN JOHN CLARKE — STATE OF WASHINGTON — 17645 — REGISTERED PROFESSIONAL ENGINEER

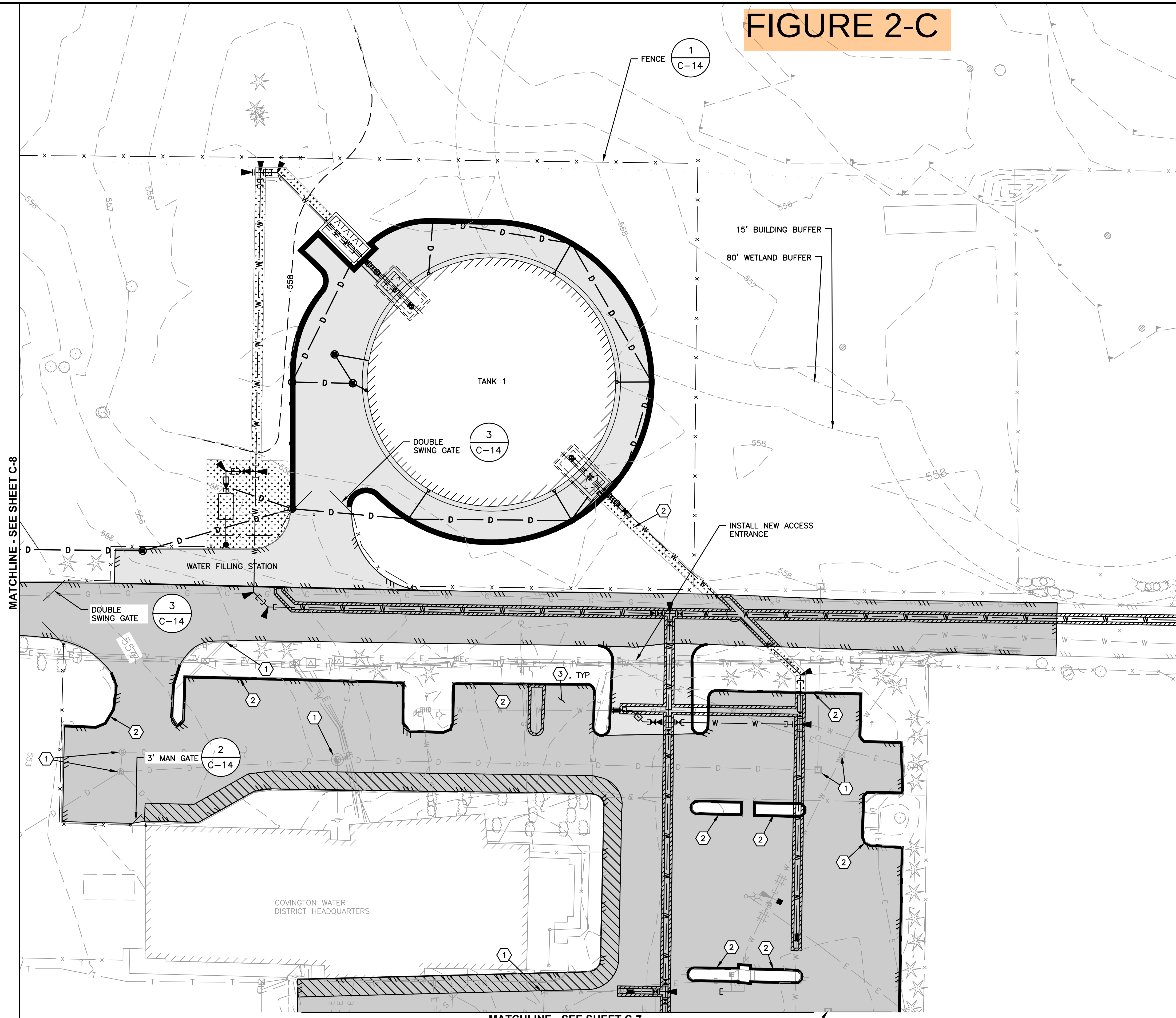
LANCE D. STEVENS — STATE OF WASHINGTON — 17645 — REGISTERED PROFESSIONAL ENGINEER

COVINGTON WATER DISTRICT
KING COUNTY WASHINGTON
TANK 1 REPLACEMENT PROJECT
NORTHWEST SITE RESTORATION & GRADING PLAN

SHEET: C-8
OF: 16

JOB NO.: 17645
DWG: GRADING PLAN – OPT B

FIGURE 2-C



SCALE: 1"=30'

LEGEND:

- ASPHALT OVERLAY (3 / C-12)
- PLANE (4 / C-12)
- ASPHALT PAVING/ROAD RECONSTRUCTION (2 / C-12)
- GRAVEL RESTORATION (7 / C-12)
- TOPSOIL AND HYDROSEED (9 / C-12)
- ASPHALT TRENCH PATCH (8 / C-12)
- VERT. CURB (5 / C-12)
- ASPHALT WEDGE CURB (6 / C-12)

NOTES:

1. HYDROSEED DISTURBED AREAS OUTSIDE OF PAVEMENT.
2. RESTORE DISTURBED AREAS AS APPLICABLE TO PRE–CONSTRUCTION CONDITION, OR BETTER.

RESTORATION NOTES:

(1) ADJUST MANHOLE FRAME AND COVER, VALVE BOX, CATCH BASIN, OR MONUMENT FRAME TO GRADE.

(2) RESTORE ROCKERY, CURB AND/OR LANDSCAPING TO PRE–CONSTRUCTION CONDITIONS.

TWO INCHES AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

Gray & Osborne, Inc.
CONSULTING ENGINEERS
1130 RAINIER AVENUE SOUTH, SUITE 300
SEATTLE, WASHINGTON 98144 • (206) 284-0860

DATE: NOV 2019
SCALE: NOTED
DRAWN: KJK
CHECKED: RJW
APPROVED: LDS

No.	REVISION	DATE	APP'D

PRELIMINARY NOT FOR CONSTRUCTION

STEPHEN JOHN CLARKE, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER, 31734

LANCE D. STEVENS, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER, 45274

COVINGTON WATER DISTRICT
KING COUNTY WASHINGTON
TANK 1 REPLACEMENT PROJECT
NORTHEAST SITE RESTORATION & GRADING PLAN

SHEET: C-9
OF: 16

JOB NO.: 17645
DWG: GRADING PLAN – OPT B

FIGURE 3

NEW RESERVOIR
DIAMETER = 97'-0"
HEIGHT = 109'-6"

SE 300TH PL

188TH AVE SE

NEW FENCING

REPLACEMENT FENCING

TREE REMOVAL

BUILDING REMOVAL

N

80' 40' 0 80' 160'

SCALE: 1"=80'

0 1"

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

COVINGTON WATER DISTRICT

TANK 1 REPLACEMENT PROJECT

TREE AND BUILDING REMOVAL PLAN

Gray & Osborne, Inc.
CONSULTING ENGINEERS

L:\Covington Water District\17645 Tank 1 Replacement Project\01 Design\Planset\figures\SEPA TREE FIGURE.dwg, 4/29/2021 11:20 AM, ARTEMIS ZAFARI