File No. EA2021-142

CITY OF RICHLAND
Determination of Non-Significance

Description of Proposal: Installation of infiltration swales and precast treatment unit.

Proponent: City of Richland Public Works Dept.
Attn: Brian Pope
625 Swift Blvd.
Richland, WA 99352

Location of Proposal: The project will occur within the Columbia Park Trail and Leslie Road rights-of-ways, within the City of Richland, Washington.

Lead Agency: City of Richland

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

( ) There is no comment for the DNS.

(**X**) This DNS is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for fourteen days from the date of issuance.

( ) This DNS is issued after using the optional DNS process in WAC 197-11-355. There is no further comment period on the DNS.

Responsible Official: Mike Stevens
Position/Title: Planning Manager
Address: 625 Swift Blvd., MS #35, Richland, WA 99352
Date: December 28, 2021

Signature_____

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:
   Columbia Park Trail & Leslie Stormwater Retrofits
2. Name of applicant:
   City of Richland
3. Address and phone number of applicant and contact person: Brian Pope: (509) 942-7508 625 Swift Blvd. Richland, WA 99352

4. Date checklist prepared: 12/2/2021

5. Agency requesting checklist:
City of Richland, Public Works Department

6. Proposed timing or schedule (including phasing, if applicable: Design Complete Jan 2022. Construction Summer/Fall 2022.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. No.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. Cultural Resource survey has been performed.

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. No, Department of Ecology Water Quality construction permit will be required. This project is not disturbing any wetlands.

10. List any government approvals or permits that will be needed for your proposal, if known.
None

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.) To install infiltration swales, ponds, and a precast treatment units in conjunction with the existing stormwater system to provide treatment to the stormwater before discharge.

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. The project work will take place in Richland Washington. More specifically in the central part of town at the intersection of Columbia Park Trail and Leslie Road and to the west along Columbia Park Trail to Rockwood Street.

B. Environmental Elements [HELP]

1. *Earth* [help]

a. General description of the site:

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other hilly

b. What is the steepest slope on the site (approximate percent slope)?
3-4%

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. Sand, silt, silty-sand

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. No

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.
No filling will take place. Excavation of existing will be replaced to match existing. Grading to match existing near ponds/swales will occur.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
No.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? No new impervious. Existing impervious will be removed and replaced.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
Temporary and permenent BMPS will be implemented to stablize the site during any construction.

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. Vehicle and equipment use

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:
There is no known measures to reduce or control emissions from heavy equipment necessary to construct the project. Heavy equipment used will be the repsonsibility of the contractor.

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.
Amon Wasteway, flows into the Yakima River

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.
Yes, work will take place on Leslie road that is within 200 feet of Amon Wasteway. (Preliminary plans attached of the work that will take place on Leslie)

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.
N/A

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.
N/A

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.
This will not generate any new additional runoff. Water will be captured in existing swales and conveyed to infiltration trenches or existing runoff/piping will be intercepted with treatment BMP's. Water will be infiltrated into the ground.

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.
No

ci. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:
Water runoff generated during construction will be controlled through the implementation of standard best management practices (BMP's).

4. Plants [help]

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

____deciduous tree: alder, maple, aspen, other
____evergreen tree: fir, cedar, pine, other
__X__shrubs
_X_grass
____pasture
____crop or grain
____ Orchards, vineyards or other permanent crops.
____ 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?
Some roadside areas may be disturbed during construction, that would include any native and non native grasses in that ROW.

c. List threatened and endangered species known to be on or near the site.
None

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance v egetation on the site, if any: Any disturbance outside of roadway will be restored to existing conditions

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

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. None

Examples include:

birds: hawk, heron, eagle, songbirds, other:
mammals: deer, bear, elk, beaver, other:
fish: bass, salmon, trout, herring, shellfish, other _____

b. List any threatened and endangered species known to be on or near the site.
None

c. Is the site part of a migration route? If so, explain.
No

d. Proposed measures to preserve or enhance wildlife, if any:
None

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

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.
None

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:
None

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. No

1) Describe any known or possible contamination at the site from present or past uses.
None known

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.
None known

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

5) Proposed measures to reduce or control environmental health hazards, if any:
The Contractor will be required to provide all personnel with personal protective equipment (PPE) and comply with all work-site safety requirements.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?
Traffic noise is existing in the area and will not affect the project.
2) 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.
The construction of the project will generate temporary noise increase through the use of heavy equipment. Noise will be generated from construction noise during work hours typically Monday through Friday from 7:00 a.m. to 6:00 p.m.
3) Proposed measures to reduce or control noise impacts, if any:
No measures are proposed to reduce noise impacts.

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 current use of the land is residential roads. There will be no affect to nearby properties.

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: N/A

c. Describe any structures on the site.
Columbia Irrigation District Irrigation Canal

d. Will any structures be demolished? If so, what?
No

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

f. What is the current comprehensive plan designation of the site?
City owned Right of Way

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

h. Has any part of the site been classified as a critical area by the city or county? If so, specify. No

i. Approximately how many people would reside or work in the completed project?
None

j. Approximately how many people would the completed project displace?
None

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

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: This project is consistent with the City's Stormwater Management Plan

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

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: N/A

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? Underground infrastructure only

b. What views in the immediate vicinity would be altered or obstructed? None

b. Proposed measures to reduce or control aesthetic impacts, if any: N/A

11. Light and Glare [help]

a. What type of light or glare will the proposal produce? What time of day would it mainly occur? None

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: N/A

12. Recreation [help]

a. What designated and informal recreational opportunities are in the immediate vicinity?Access parking lots to United States Army Corps of Engineers parking lot

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:
Project will not cause interruptions to recreation.

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. No

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. There is no direct evidence of Indian or historic use or occupation. This location is similar to other locations where resources have been discovered. See attached cultural report.

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. GIS Data

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. Inadvertent Discovery Plan to be on site at all times, Archaeologist will be present for Cultural Monitoring.

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.
The site encompasses two local streets (Columbia Park Trail and Leslie Road)

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

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?
None

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). No

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? None

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:
Advanced signage will be used to notify public of traffic impacts.

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

b. Proposed measures to reduce or control direct impacts on public services, if any.
None

16. Utilities [help]

a. Circle utilities currently available at the site:
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____

c. 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. None

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: _____

Name of signee BRIAN POPE

Position and Agency/Organization CIVIL ENGINEER I, CITY OF RICHLAND

Date Submitted: 12/02/2024

D. Supplemental sheet for nonproject actions [HELP]

(**IT IS NOT NECESSARY** to use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks,

wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Proposed measures to protect such resources or to avoid or reduce impacts are:

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Proposed measures to avoid or reduce shoreline and land use impacts are:

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

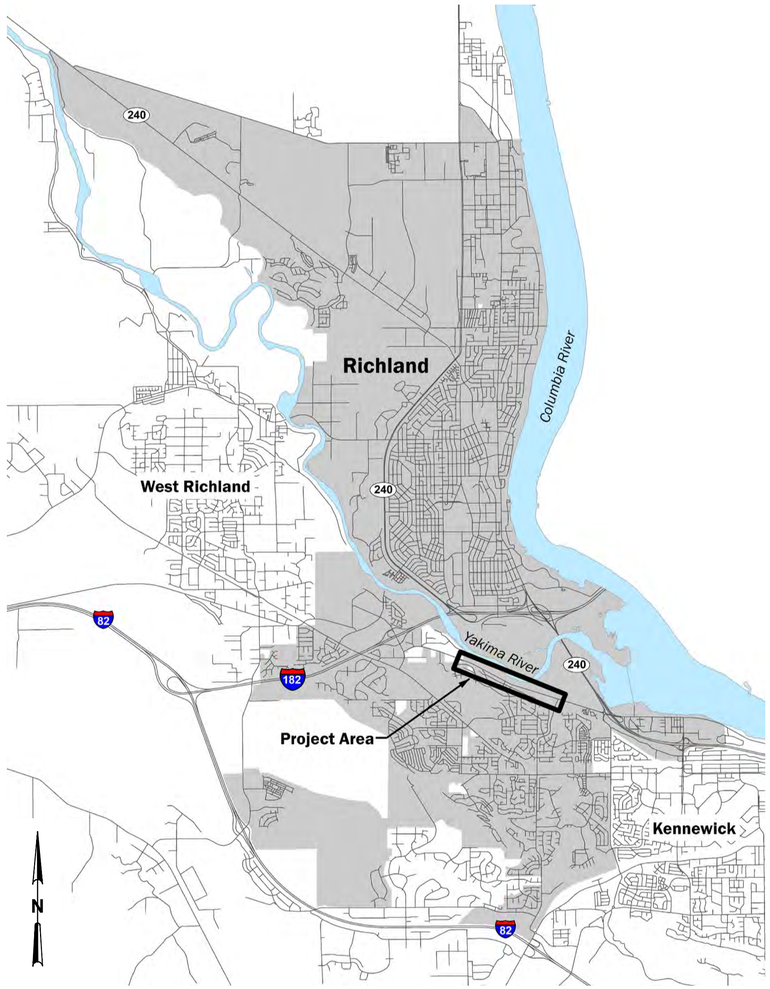
CITY OF RICHLAND

STORMWATER RETROFITS - COLUMBIA PARK TRAIL & LESLIE ROAD

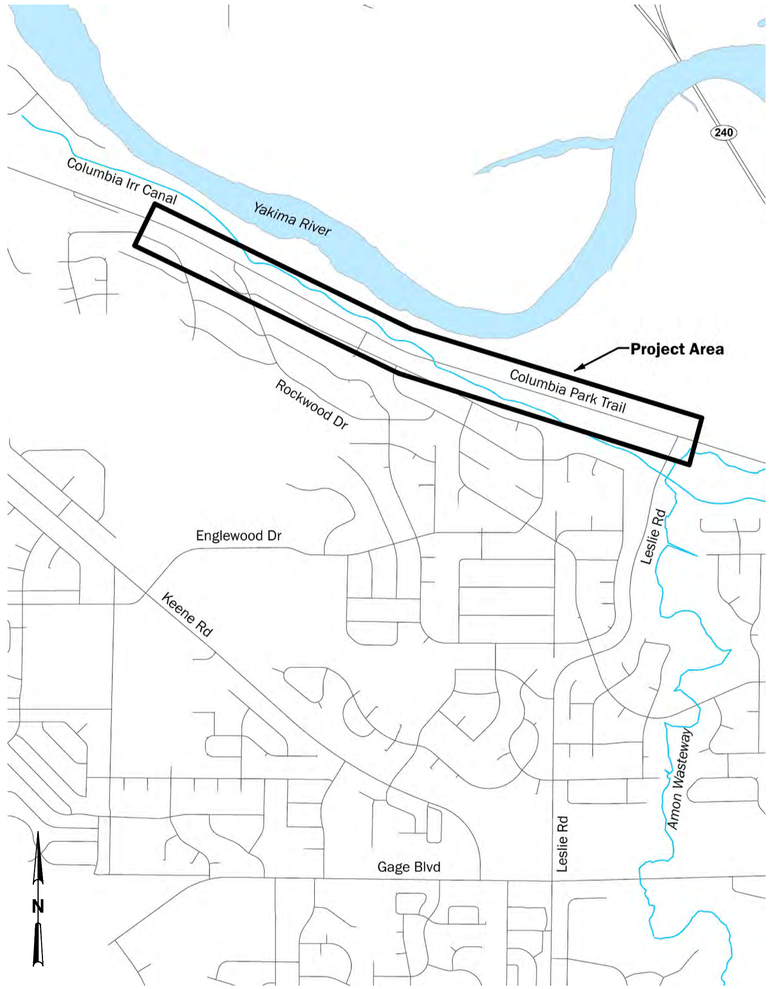
CONSTRUCTION PLANS - C.O.R CONTRACT PW NO. XX-XXXX

FUNDED IN PART BY THE WASHINGTON STATE DEPARTMENT OF ECOLOGY

SHEET INDEX



VICINITY MAP
NOT TO SCALE



PROJECT AREA
NOT TO SCALE

CONTACTS

CITY OF RICHLAND

ENGINEERING DEPT.
BRIAN POPE (W) 509-942-7508

WATER DEPT.
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SEWER DEPT.
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(C) 509-430-0002

SURVEY DEPT.
DAN PENWELL JR. (W) 509-942-7512

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(C) 509-528-4658

TRAFFIC ENGINEERING
JOHN DESKINS (W) 509-942-7514

OTHER UTILITIES

CASCADE NATURAL GAS
(W) 509-736-5564

CHARTER COMMUNICATIONS
JUNIOR COMPOS (W) 509-491-3992

FRONTIER COMMUNICATION
MAREIA MATSON (W) 509-736-3726

COLUMBIA IRRIGATION DISTRICT
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ERIK PRUNEDA, PE
(W) 509-960-7469 (C) 509-969-8324

811 Know what's below. Call before you dig.

60% DESIGN
NOT FOR CONSTRUCTION

APPR.	DATE	DESCRIPTION	REV.

REVISED BY: -
DRAWN BY: CMV
DESIGNED BY: EBP/JHK
PROJECT NUMBER: 190032
REVISION: 0
DATE: Sep-2021

Aspect CONSULTING

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STORMWATER RETROFITS
RICHLAND, WA

SHEET REFERENCE NUMBER: 1

SHEET 1 OF 9

CAD Path: Q:\City of Richland\1900032 Richland SW Retrofits\Task 2\2019-XX 30% Design\1900032 Task 2 Plan Set.dwg 1-Cover || Date Saved: Sep 02, 2021 9:45am || User: cpineda

GENERAL NOTES

1. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS, METHODS & SEQUENCES OF CONSTRUCTION INCLUDING THE SAFETY OF ALL WORKERS & THE GENERAL PUBLIC.
2. NO PUBLIC WATER VALVES OR HYDRANTS SHALL BE OPENED OR CLOSED (OPERATED) BY ANYONE BUT CITY OF RICHLAND STAFF.
3. ALL MATERIALS AND WORKMANSHIP SHALL BE IN CONFORMANCE WITH THE MOST CURRENT EDITION OF THE STATE OF WASHINGTON STANDARD SPECIFICATIONS FOR ROAD, BRIDGE & MUNICIPAL CONSTRUCTION.
4. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS & HIGHWAYS" (MUTCD).
5. THE LOCATIONS OF ALL KNOWN EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. LOCATIONS ARE BASED ON INFORMATION OBTAINED FROM THE SITE, INFORMATION OF RECORD DRAWINGS & INFORMATION PROVIDED TO ENGINEER. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK.
6. THE CONTRACTOR SHALL BE REQUIRED TO CALL 811 OR 1-800-424-5555 (WEBSITE: WWW.WASHINGTON811.COM) TWO BUSINESS DAYS PRIOR TO COMMENCING ANY EXCAVATION ACTIVITIES TO DETERMINE FIELD LOCATIONS OF ALL UNDERGROUND UTILITIES, AS REQUIRED BY LAW.
7. ANY CHANGES OR MODIFICATIONS TO THE PROJECT PLANS SHALL FIRST BE APPROVED BY THE CITY ENGINEER OR HIS/HER REPRESENTATIVE.
8. CONTRACTOR SHALL PROVIDE DETAILED "AS-BUILT" RECORDS SHOWING LOCATION, DEPTH, SIZE, & MATERIAL TYPE OF ALL PIPING INSTALLED OR ENCOUNTERED DURING CONSTRUCTION OF IMPROVEMENTS.
9. CONTRACTOR SHALL COORDINATE SCHEDULED WORK WITH ACTIVITIES TO BE PERFORMED BY UTILITIES & WORK SHOWN TO BE COMPLETED BY "CITY FORCES".
10. CONTRACTOR SHALL INVESTIGATE GROUNDWATER CONDITIONS AND ADDRESS DEWATERING AS NEEDED TO COMPLETE CONSTRUCTION. DISPOSAL OF DEWATERING WATER, IF NECESSARY, SHALL BE APPROVED BY THE CITY.
11. PRIOR TO ANY EXCAVATION, INCLUDING POTHOLING: CULTURAL REVIEW AND INADVERTENT DISCOVERY PLAN REQUIRED. CITY CONTRACT ARCHEOLOGIST SHALL BE ONSITE DURING CLEARING, GRUBBING, STRIPPING, AND ALL EXCAVATION ACTIVITIES.
12. THE AREA OF THE PROJECT MAY CONTAIN HISTORICALLY SENSITIVE OR SIGNIFICANT FEATURES. CONTRACTOR SHALL LIMIT AND CONTROL DEPTH AND/OR EXTENT OF EXCAVATION TO AREAS SHOWN ON PLANS. IF ANY INDICATION OF SUBSURFACE FEATURES ARE ENCOUNTERED, CONTRACTOR TO STOP WORK IMMEDIATELY AND CONTACT CITY OF RICHLAND REPRESENTATIVE TO ASCERTAIN APPROPRIATE ACTION(S) PRIOR TO CONTINUING WORK. CITY OF RICHLAND REPRESENTATIVE - BRIAN POPE (509) 942-7508.

SURVEY NOTES

1. TOPOGRAPHIC SURVEY PREPARED BY CITY OF RICHLAND
2. VERTICAL DATUM: NAVD88
   HORIZONTAL DATUM: WGS84
   BENCHMARKS ARE CONTROL MONUMENTS: SEE PLAN SHEETS

ENVIRONMENT NOTES

1. PROTECTION OF THE ENVIRONMENT: NO CONSTRUCTION RELATED ACTIVITY SHALL CONTRIBUTE TO THE DEGRADATION OF THE ENVIRONMENT, ALLOW MATERIAL TO ENTER SURFACE OR GROUND WATERS, OR ALLOW PARTICULATE EMISSIONS TO THE ATMOSPHERE, WHICH EXCEED STATE OR FEDERAL STANDARDS. ANY ACTIONS THAT POTENTIALLY ALLOW A DISCHARGE TO THE STATE WATERS MUST HAVE PRIOR APPROVAL OF THE WASHINGTON STATE DEPARTMENT OF ECOLOGY.

TESC NOTES

1. THE IMPLEMENTATION OF THE EROSION/SEDIMENTATION CONTROL (ESC) PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THE ESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED.
2. THE ESC BMPS SHOWN IN THIS PLAN AND DESCRIBED IN THE CSWPPP SHALL BE CONSTRUCTED PRIOR TO ANY GRADING OR LAND CLEARING ACTIVITY. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY MARKED ON THE PAVEMENT PRIOR TO CONSTRUCTION.
3. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE MARKED CLEARING LIMITS SHALL BE PERMITTED.
4. THE ESC FACILITIES SHOWN IN THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
5. THE CONTRACTOR SHALL TAKE ANY NECESSARY MEANS TO KEEP FROM TRACKING MUD & DEBRIS OUT ONTO THE EXISTING STREETS, & SHALL ALSO KEEP MUD & ANY OTHER DEBRIS FROM HIS SITE FROM ENTERING THE EXISTING PUBLIC STORM DRAINAGE SYSTEM.
6. THE ESC FACILITIES SHOWN IN THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT LEAVE THE SITE.
7. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
8. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 48 HOURS FOLLOWING A MAJOR STORM EVENT.
9. BY THE END OF EACH WORK DAY, SWEEP OR SCRAPE UP SOIL TRACKED ONTO THE STREET. DO NOT HOSE INTO STORM DRAIN SYSTEM.
10. NO SOILS SHALL REMAIN EXPOSED AND UNWORKED FOR MORE THAN 30 DAYS DURING THE DRY SEASON (JULY 1 THROUGH SEPTEMBER 30) OR 15 DAYS DURING THE WET SEASON (OCTOBER 1 THROUGH JUNE 30) TO PREVENT WIND AND WATER EROSION. THIS STABILIZATION REQUIREMENT APPLIES TO ALL SOILS ON SITE, WHETHER AT FINAL GRADE OR NOT. SOIL STABILIZATION BMPS MAY INCLUDE BIODEGRADABLE EROSION CONTROL BLANKETS (PER WSDOT STANDARD PLAN I-60.20-01) OR MULCHING.
11. TEMPORARY EROSION AND SEDIMENT CONTROL BMPS SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY BMPS ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL RESULTING FROM REMOVAL OF BMPS OR VEGETATION SHALL BE PERMANENTLY STABILIZED.

60% DESIGN
NOT FOR CONSTRUCTION

REV.	DESCRIPTION	DATE	APPR.
-	-	-	-

REVISED BY: -
DRAWN BY: CMV
DESIGNED BY: EBP/JHK
PROJECT NUMBER: 190032
REVISION: 0
DATE: Sep-2021

Aspect CONSULTING

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STORMWATER RETROFITS
RICHLAND, WA

SHEET REFERENCE NUMBER: 2

SHEET 2 OF 9

CONSTRUCTION NOTES

1. PROPOSED SR04 STORMWATER INFILTRATION POND
   BOTTOM: 8,740 SF
   TOP AREA: 12,586 SF
   SIDE SLOPES: 3H:1V
   TOTAL DEPTH: 2-FT
   DESIGN WATER DEPTH: 1-FT
   SEE DETAILS 1 AND 3 ON SHEET 6.
2. RECONSTRUCT 695 LF OF EXISTING DITCH PER DETAIL 1 ON SHEET 7.
3. RECONSTRUCT 1,210 LF OF EXISTING DITCH PER DETAIL 2 ON SHEET 7.
4. RECONSTRUCT 367 LF OF EXISTING DITCH PER DETAIL 3 ON SHEET 7.
5. RECONSTRUCT 616 LF OF EXISTING DITCH PER DETAIL 4 ON SHEET 7.
6. SAWCUT, REMOVE, AND REPLACE 21± SY EXISTING HMA ROADWAY (MATCH EXISTING).
7. REMOVE 18" DIAM. PVC PIPE AND REPLACE WITH 65 LF OF 12" DIAM. PVC PIPE @ 1%
8. REMOVE 18" DIAM. PVC PIPE AND REPLACE WITH 10 LF OF 12" DIAM. PVC PIPE @ 1%
9. REMOVE EXISTING CATCH BASIN AND INSTALL PRESETTLING DEVICE/FLOW CONTROL STRUCTURE (MH #1) PER DETAIL 1 ON SHEET 8.
10. INSTALL TYPE 3 MANHOLE PER WSDOT STD B-15.60-02 (MH #2) WITH WATERMAN C-10 CANAL GATE WITH TRUE NON-RISING STEM OPERATION OR EQUIVALENT ON INLET PIPE.
11. INSTALL 6" OF CRUSHED SURFACING BASE COURSE COMPACTED TO 98% FOR 505 SF OF GRAVEL TURNOUT.

TESC NOTES

1. INSTALL NON-BIODEGRADABLE CHECK DAMS ALONG EX. DITCH PER WSDOT STD PLAN I-50.20-01.
2. CUT AND FILL SLOPES SHALL BE STABILIZED BY HYDROSEEDING. SEED MIX, MULCH, AND FERTILIZER SHALL BE APPROVED BY THE CITY OF RICHLAND.
3. INSTALL 205 LF STRAW WATTLE PER WSDOT STD PLAN I-30.30-02.

LEGEND

R/W	EX ROW
C/L	EX CENTERLINE
P/L	EX PARCEL BOUNDARY
	EX WATERLINE
EG	EX EDGE OF GRAVEL
EP	EX EDGE OF PAVEMENT
	EX DITCH CENTERLINE
SD	EX STORM DRAIN
P	EX POWER LINE
TOB	EX TOP OF BANK
TOE	EX TOE OF BANK
	EX BACK OF SIDEWALK
	EX FLOWLINE
	EX BACK OF CURB
	EX BREAKLINE
	EX 1' AND 5' CONTOURS
	EX SANITARY SEWER MANHOLE
	EX STORM DRAIN MANHOLE
	EX CATCH BASIN
	EX POWER VAULT
	EX POWER POLE
	EX GUY
	NEW STORMWATER INFILTRATION POND
	NEW DITCH CL
12"SD	NEW 12" STORM DRAIN
24"SD	NEW 24" STORM DRAIN
	TEMPORARY STRAW WATTLE
	NEW 1' AND 5' CONTOURS
	NEW STORM STRUCTURE
	SAWCUT LINE / EXCAVATION LIMIT

DRAINAGE PLAN
SCALE: 1" = 120'

0 120 240 Feet

60% DESIGN
NOT FOR CONSTRUCTION

APPR.	DATE	DESCRIPTION	REV.
-	-	-	-

REVISED BY: -
DRAWN BY: CMV
DESIGNED BY: EBP/JHK
PROJECT NUMBER: 190032
REVISION: 0
DATE: Sep-2021

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STORMWATER RETROFITS
RICHLAND, WA

SHEET REFERENCE NUMBER:
3

SHEET **3** OF **9**

CONSTRUCTION NOTES

1. RECONSTRUCT 538 LF OF EXISTING DITCH PER DETAIL 5 ON SHEET 7.
2. RECONSTRUCT 866 LF OF EXISTING DITCH PER DETAIL 6 ON SHEET 7.
3. PROPOSED SR05 STORMWATER INFILTRATION POND
   BOTTOM AREA: 2,500 SF
   TOP AREA: 5,764 SF
   SIDE SLOPES: 2H:1V
   TOTAL DEPTH: 3-FT
   DESIGN WATER DEPTH: 2-FT
   SEE DETAILS 2 AND 4 ON SHEET 6.
4. REMOVE EXISTING MANHOLE AND INSTALL PRESETTLING DEVICE/FLOW CONTROL STRUCTURE (MH #3) PER DETAIL 2 ON SHEET 8.
5. INSTALL 25 LF OF 12" DIAM. PVC PIPE @ 0%
6. INSTALL TYPE 3 MANHOLE PER WSDOT STD B-15.60-02 (MH #4) WITH WATERMAN C-10 CANAL GATE WITH TRUE NON-RISING STEM OPERATION OR EQUIVALENT ON INLET PIPE PER DETAIL 2 ON SHEET 8.
7. INSTALL 103 LF OF 12" DIAM. PVC PIPE @ 0%
8. INSTALL 6" OF CRUSHED SURFACING BASE COURSE COMPACTED TO 98% FOR 915 SF OF GRAVEL TURNOUT.

TESC NOTES

1. INSTALL NON-BIODEGRADABLE CHECK DAMS ALONG EX. DITCH PER WSDOT STD PLAN I-50.20-01.
2. CUT AND FILL SLOPES SHALL BE STABILIZED BY HYDROSEEDING. SEED MIX, MULCH, AND FERTILIZER SHALL BE APPROVED BY THE CITY OF RICHLAND.
3. INSTALL 315 LF STRAW WATTLE PER WSDOT STD PLAN I-30.30-02.

DRAINAGE PLAN
SCALE: 1" = 80'

0 80 160 Feet

LEGEND

R/W	EX ROW
C/L	EX CENTERLINE
P/L	EX PARCEL BOUNDARY
	EX WATERLINE
EG	EX EDGE OF GRAVEL
EP	EX EDGE OF PAVEMENT
	EX DITCH CENTERLINE
SD	EX STORM DRAIN
P	EX POWER LINE
TOB	EX TOP OF BANK
TOE	EX TOE OF BANK
	EX BACK OF SIDEWALK
	EX FLOWLINE
	EX BACK OF CURB
	EX BREAKLINE
	EX 1' AND 5' CONTOURS
	EX SANITARY SEWER MANHOLE
	EX STORM DRAIN MANHOLE
	EX CATCH BASIN
	EX POWER VAULT
	EX POWER POLE
	EX GUY
	NEW STORMWATER INFILTRATION POND
	NEW DITCH CL
12"SD	NEW 12" STORM DRAIN
24"SD	NEW 24" STORM DRAIN
	TEMPORARY STRAW WATTLE
	NEW 1' AND 5' CONTOURS
	NEW STORM STRUCTURE
	SAWCUT LINE / EXCAVATION LIMIT

60% DESIGN
NOT FOR CONSTRUCTION

REV.	DESCRIPTION	DATE	APPR.
-	-	-	-

REVISED BY: -
DRAWN BY: CMV
DESIGNED BY: EBP/JHK
PROJECT NUMBER: 190032
REVISION: 0
DATE: Sep-2021

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STORMWATER RETROFITS
RICHLAND, WA

SHEET REFERENCE NUMBER: **4**

SHEET **4** OF **9**

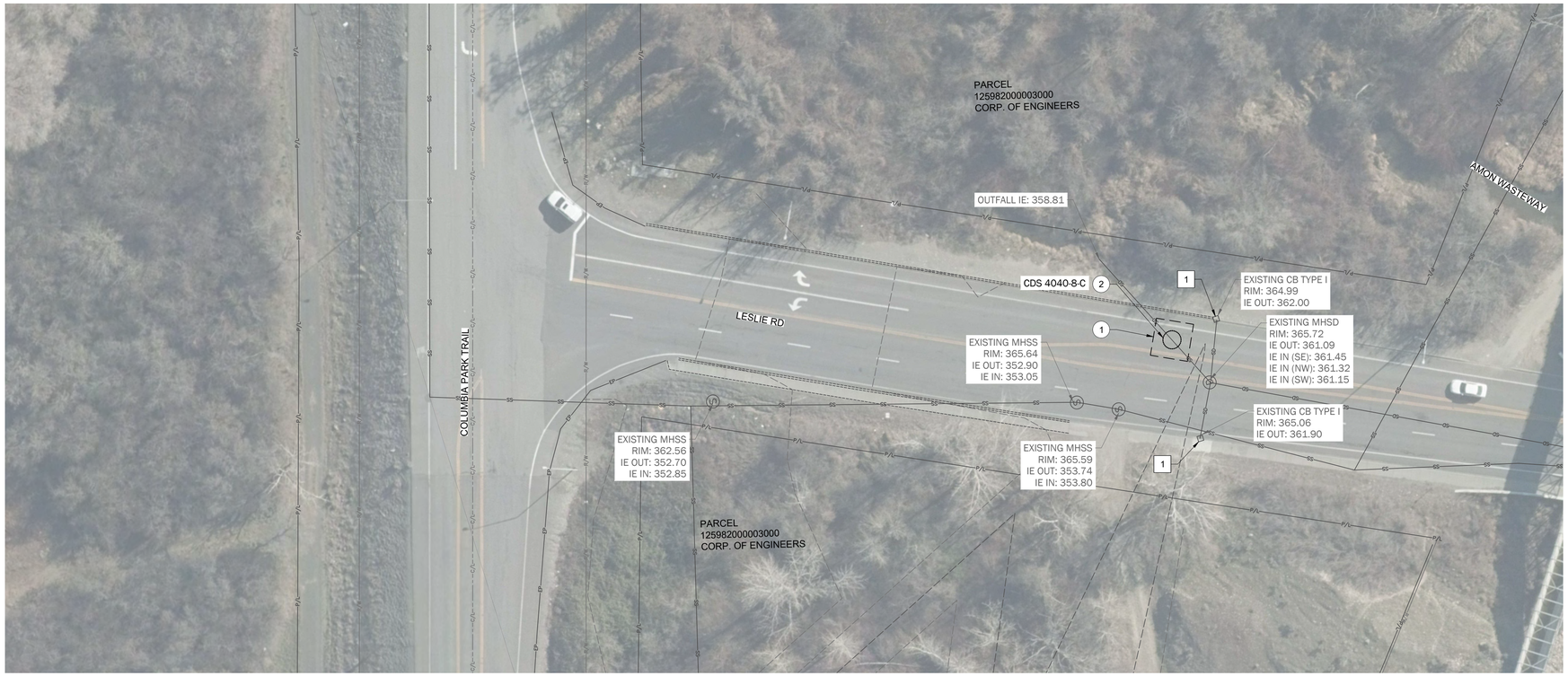
CAD Path: Q:\City of Richland\190032 Richland SW Retrofits\Task 2\2019-XX 30% Design\190032 Task 2 Plan Set.dwg 4- Drainage Plan || Date Saved: Sep 02, 2021 9:49am || User: cpineda

CONSTRUCTION NOTES

1. SAWCUT, REMOVE, AND REPLACE 31± SY EXISTING HMA ROADWAY (MATCH EXISTING).
2. INSTALL CDS4040-8-C PER DETAIL 1, SHEET 9.

TESC NOTES

1. RETAIN AND PROTECT EXISTING SD CB. INSTALL TEMPORARY CATCH BASIN FILTER PER WSDOT STANDARD PLAN I-40.20-00.



DRAINAGE PLAN
SCALE: 1" = 30'

0 30 60 Feet

LEGEND

R/W	EX ROW
C/L	EX CENTERLINE
P/L	EX PARCEL BOUNDARY
	EX WATERLINE
EG	EX EDGE OF GRAVEL
EP	EX EDGE OF PAVEMENT
	EX DITCH CENTERLINE
SD	EX STORM DRAIN
P	EX POWER LINE
TOB	EX TOP OF BANK
TOE	EX TOE OF BANK
	EX BACK OF SIDEWALK
	EX FLOWLINE
	EX BACK OF CURB
	EX BREAKLINE
	EX 1' AND 5' CONTOURS
	EX SANITARY SEWER MANHOLE
	EX STORM DRAIN MANHOLE
	EX CATCH BASIN
	EX POWER VAULT
	EX POWER POLE
	EX GUY
	NEW STORMWATER INFILTRATION POND
	NEW DITCH CL
12"SD	NEW 12" STORM DRAIN
24"SD	NEW 24" STORM DRAIN
	TEMPORARY STRAW WATTLE
	NEW 1' AND 5' CONTOURS
	NEW STORM STRUCTURE
	SAWCUT LINE / EXCAVATION LIMIT

60% DESIGN
NOT FOR CONSTRUCTION

REV.	DESCRIPTION	DATE	APPR.
-	-	-	-

REVISED BY: -
DRAWN BY: CMV
DESIGNED BY: EBP/JHK
CHECKED BY: EBP
PROJECT NUMBER: 190032
REVISION: 0
DATE: Sep 2021

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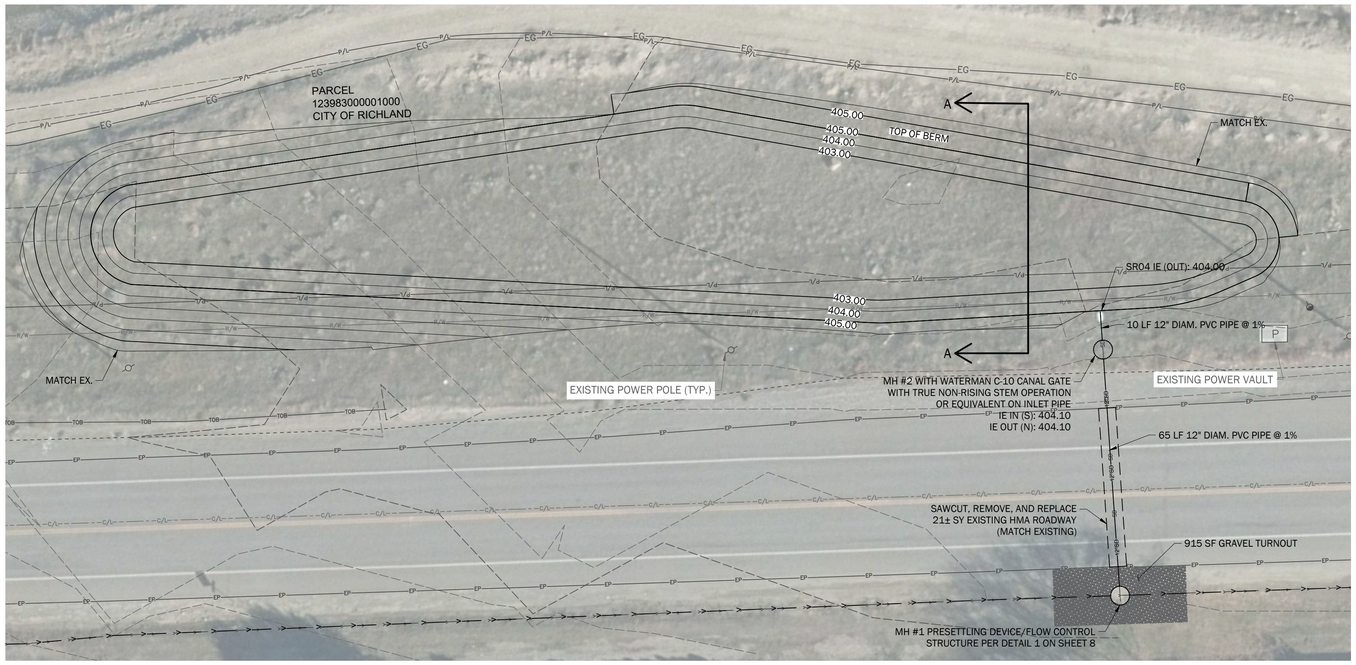
STORMWATER RETROFITS
RICHLAND, WA

SHEET REFERENCE NUMBER: **5**

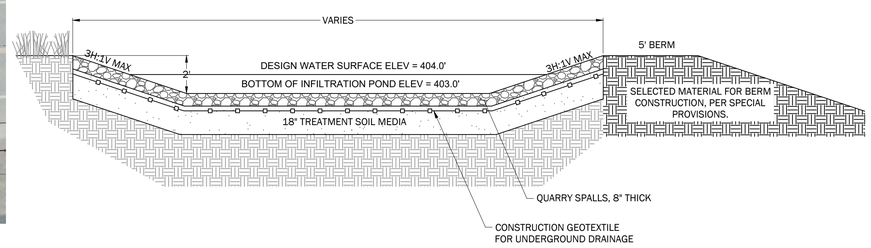
SHEET **5** OF **9**

CAD Path: Q:\City of Richland\190032 Richland SW Retrofits\Task 2\2019-XX 30% Design\190032 Task 2 Plan Set.dwg 5- Drainage Plan || Date Saved: Sep 02, 2021 9:50am || User: cpineda

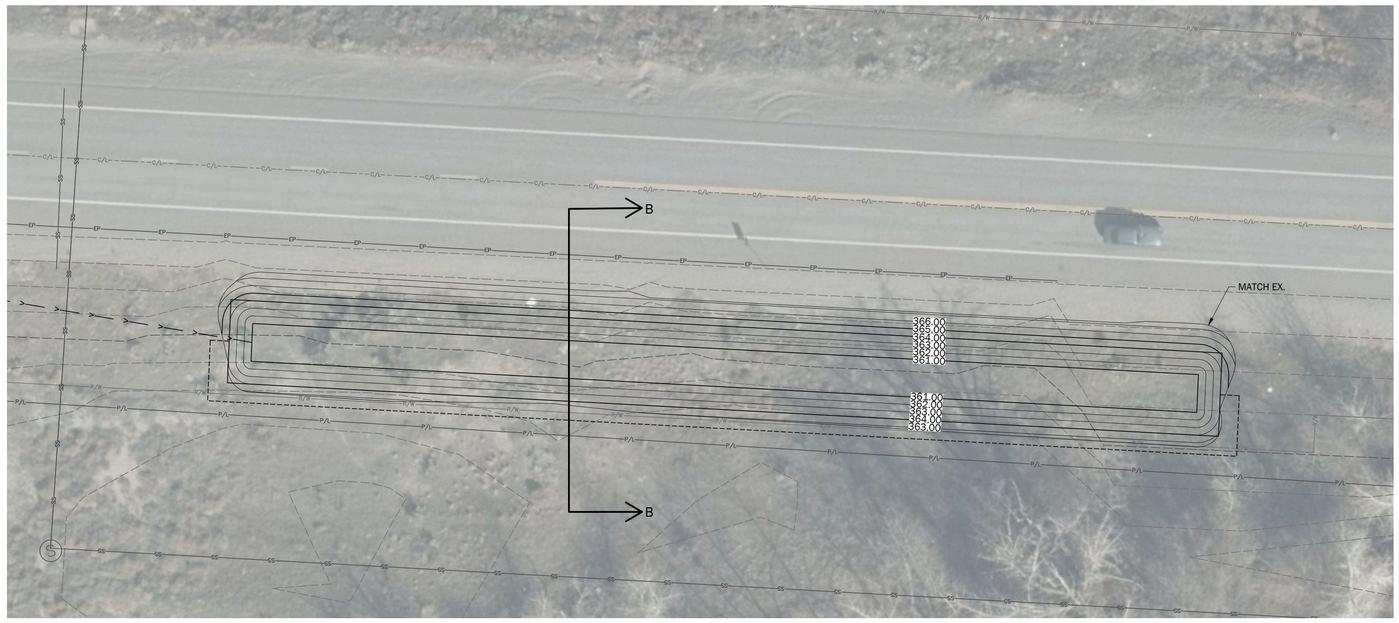


SR04 STORMWATER INFILTRATION POND 1/6
SCALE: 1" = 20'

0 20 40 Feet

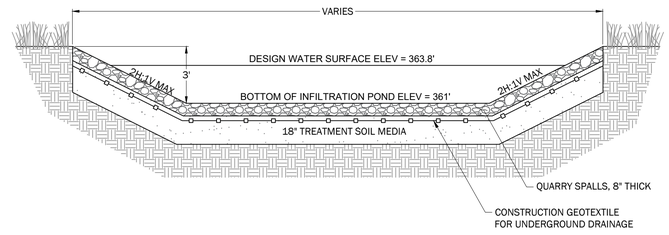


SR04 STORMWATER INFILTRATION POND TYPICAL SECTION A-A 3/6
SCALE: NTS



SR05 STORMWATER INFILTRATION POND 2/6
SCALE: 1" = 20'

0 20 40 Feet



SR05 STORMWATER INFILTRATION POND TYPICAL SECTION B-B 4/6
SCALE: NTS

60% DESIGN
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APPR.	DATE	DESCRIPTION	REV.
-	-	-	-

REVISED BY: -
DRAWN BY: CMV
DESIGNED BY: EBP/JHK
PROJECT NUMBER: 190032
REVISION: 0
DATE: Sep-2021

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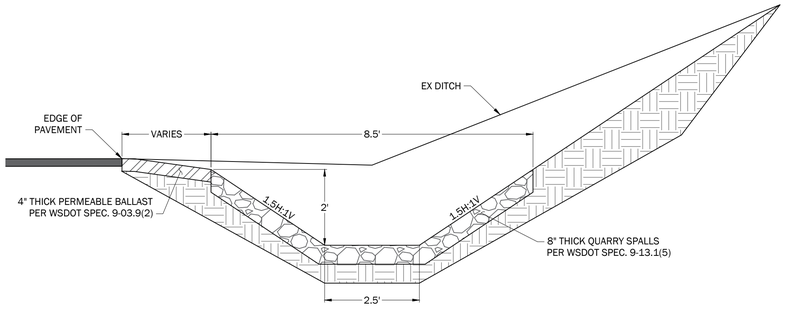
STORMWATER RETROFITS
RICHLAND, WA

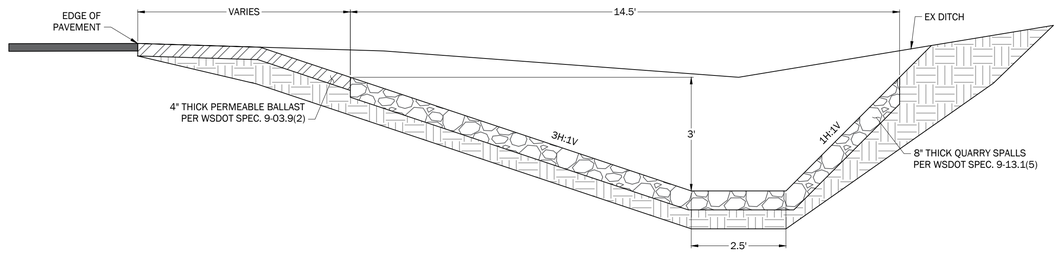
SHEET REFERENCE NUMBER: 6

SHEET 6 OF 9

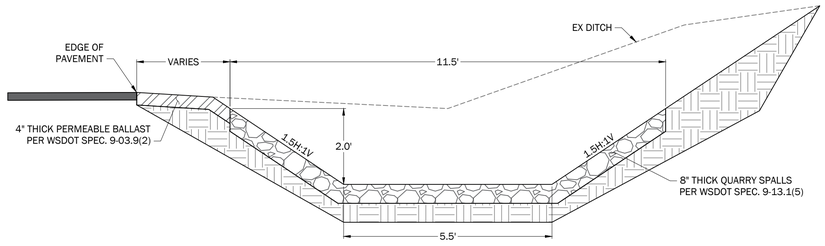
CAD Path: Q:\City of Richland\190032 Richland SW Retrofits\Task 2\2019-XX 30% Design\190032 Task 2 Plan Set.dwg 6 - Pond Details || Date Saved: Sep 02, 2021 9:50am || User: cpineda



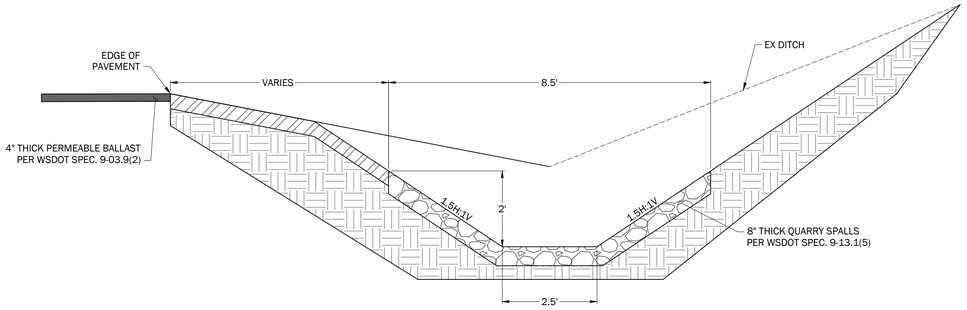
TYPICAL DITCH SECTION 1 — 1/7
SCALE: NTS



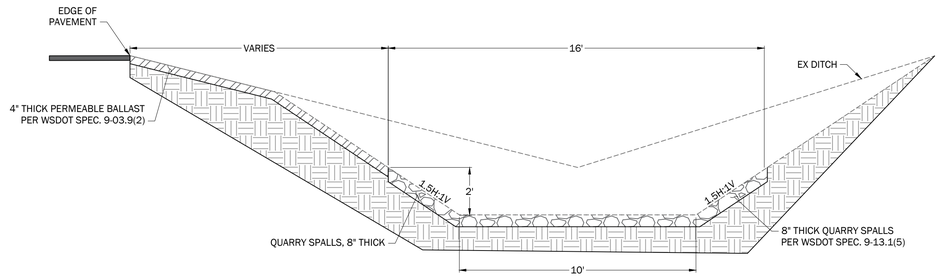
TYPICAL DITCH SECTION 4 — 4/7
SCALE: NTS



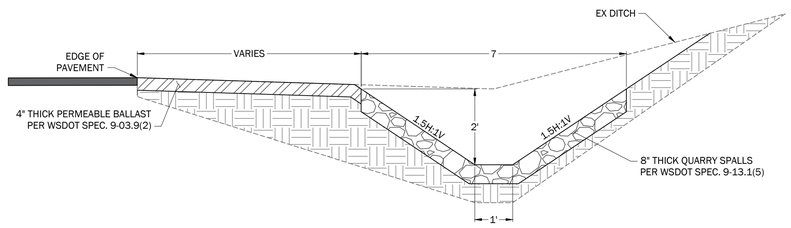
TYPICAL DITCH SECTION 2 — 2/7
SCALE: NTS



TYPICAL DITCH SECTION 5 — 5/7
SCALE: NTS



TYPICAL DITCH SECTION 3 — 3/7
SCALE: NTS



TYPICAL DITCH SECTION 6 — 6/7
SCALE: NTS

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APPR.	DATE	DESCRIPTION	REV.
-	-	-	-

REVISED BY: -
DRAWN BY: CMV
DESIGNED BY: EBP/JHK
PROJECT NUMBER: 190032
REVISION: 0
DATE: Sep-2021

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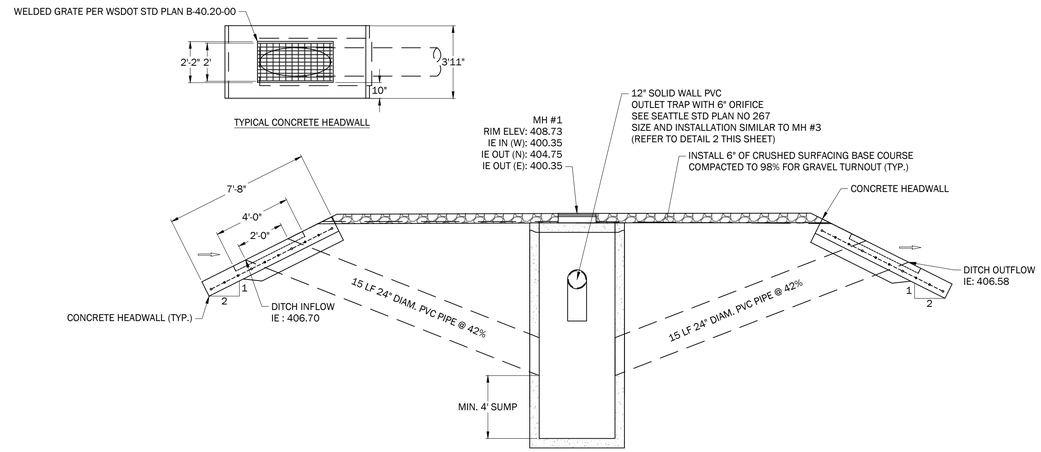
STORMWATER RETROFITS
RICHLAND, WA

SHEET REFERENCE NUMBER: 7

SHEET 7 OF 9

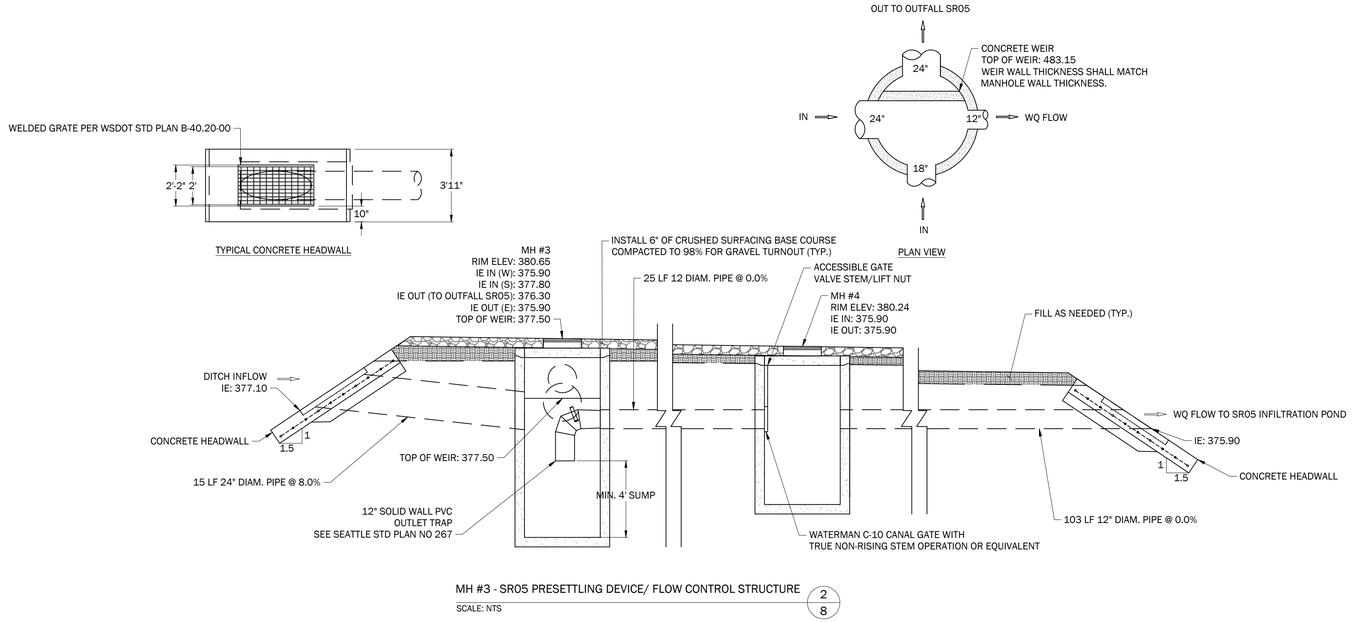
CAD Path: Q:\City of Richland\190032 Richland SW Retrofits\Task 2\2019-XX 30% Design\190032 Task 2 Plan Set.dwg 7 - Drainage Details || Date Saved: Sep 02, 2021 9:50am || User: cpineda



MH #1 - SR04 PRESETTLING DEVICE/ FLOW CONTROL STRUCTURE

SCALE: NTS

1
8



MH #3 - SR05 PRESETTLING DEVICE/ FLOW CONTROL STRUCTURE

SCALE: NTS

2
8

60% DESIGN
NOT FOR CONSTRUCTION

REV.	DESCRIPTION	DATE	APPR.
-	-	-	-

REVISED BY: -
DRAWN BY: CMV
DESIGNED BY: EBP/JHK
PROJECT NUMBER: 190032
REVISION: 0
DATE: Sep-2021

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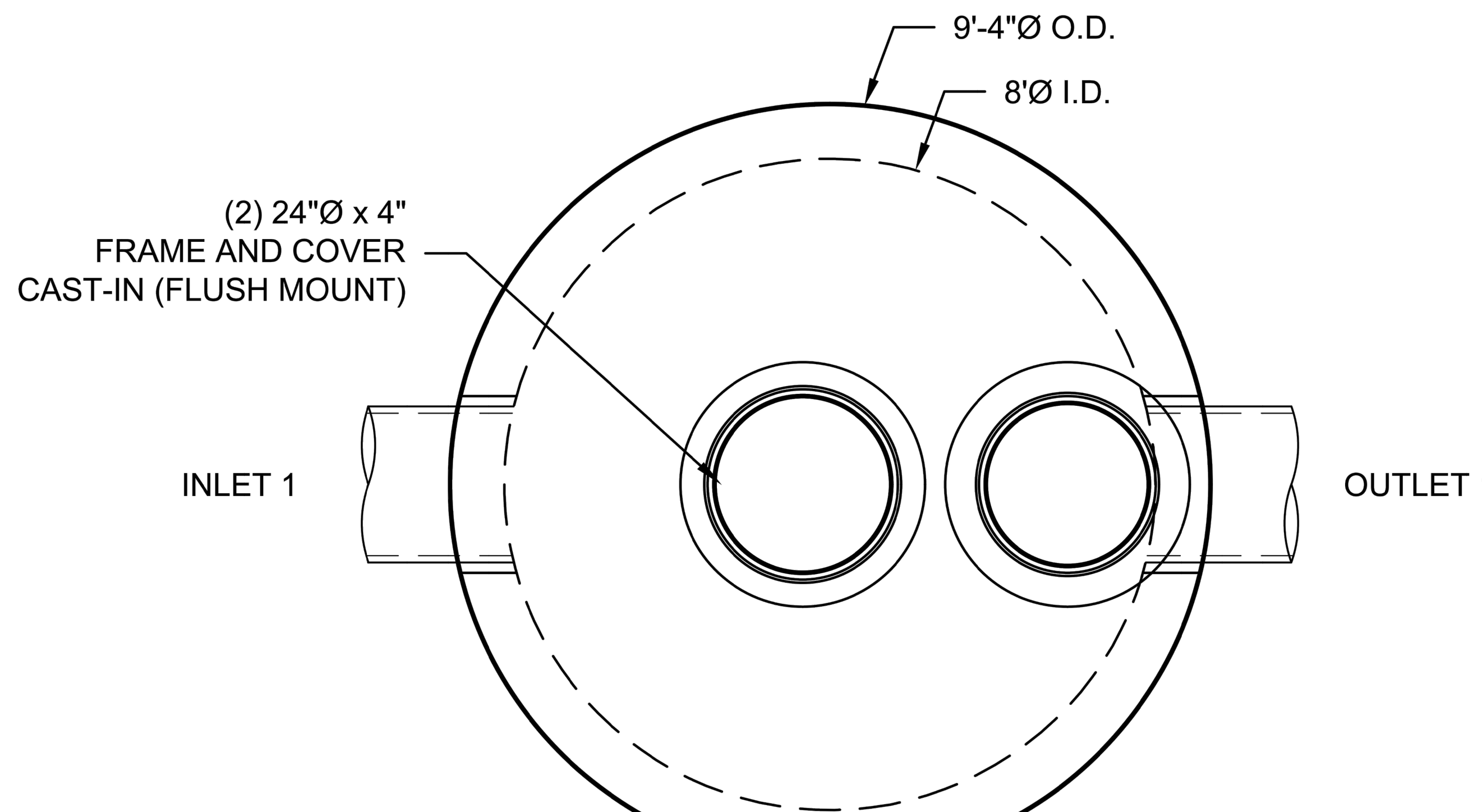
STRUCTURE DETAILS
####

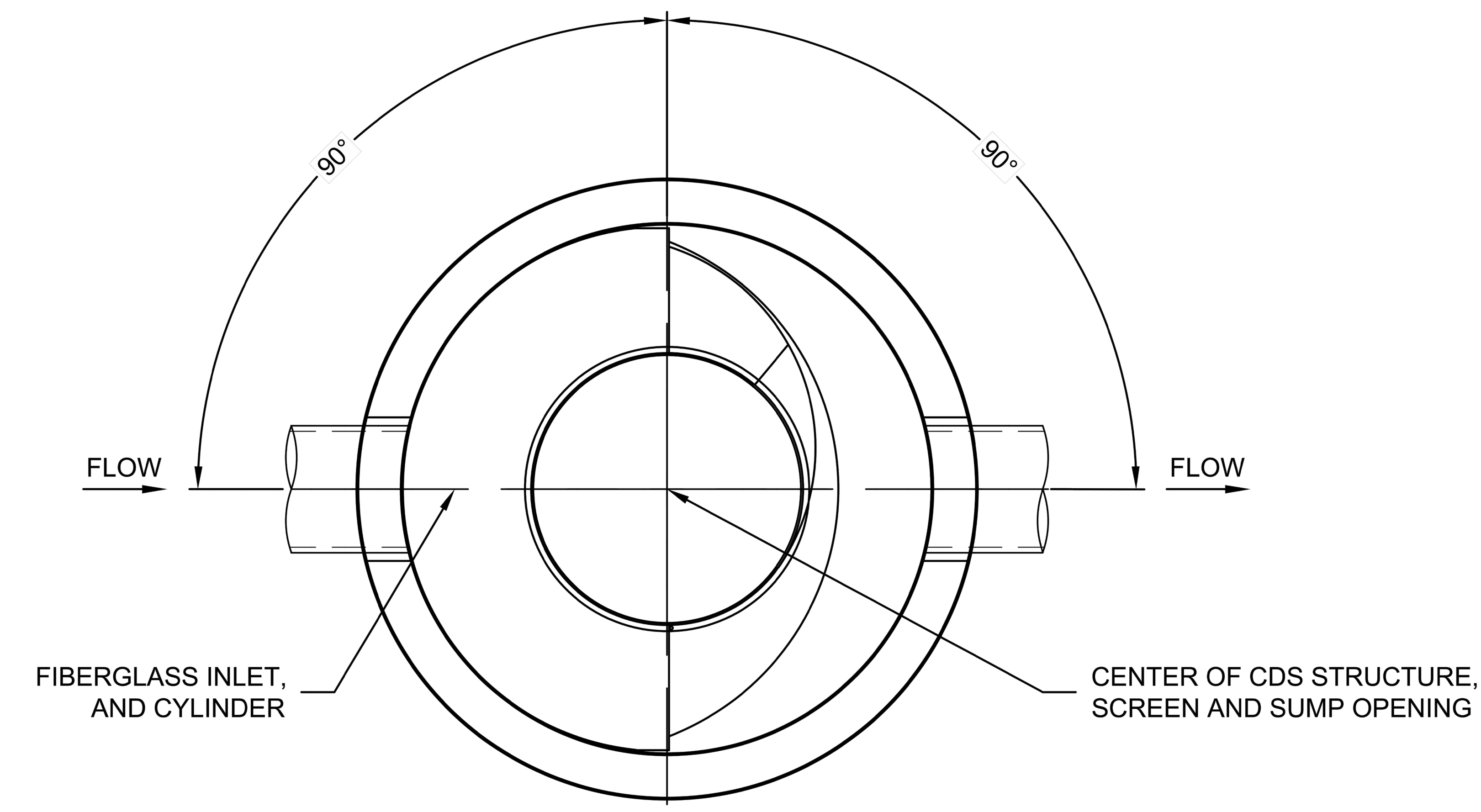
STORMWATER RETROFITS
RICHLAND, WA

SHEET REFERENCE NUMBER:
8
SHEET **8** *OF* **9**

CAD Path: Q:\City of Richland\190032 Richland SW Retrofits\Task 2\2019-XX 30% Design\190032 Task 2 Plan Set.dwg 8 - Structure Details || User: cpineda || Date Saved: Sep 02, 2021 9:50am



PLAN VIEW



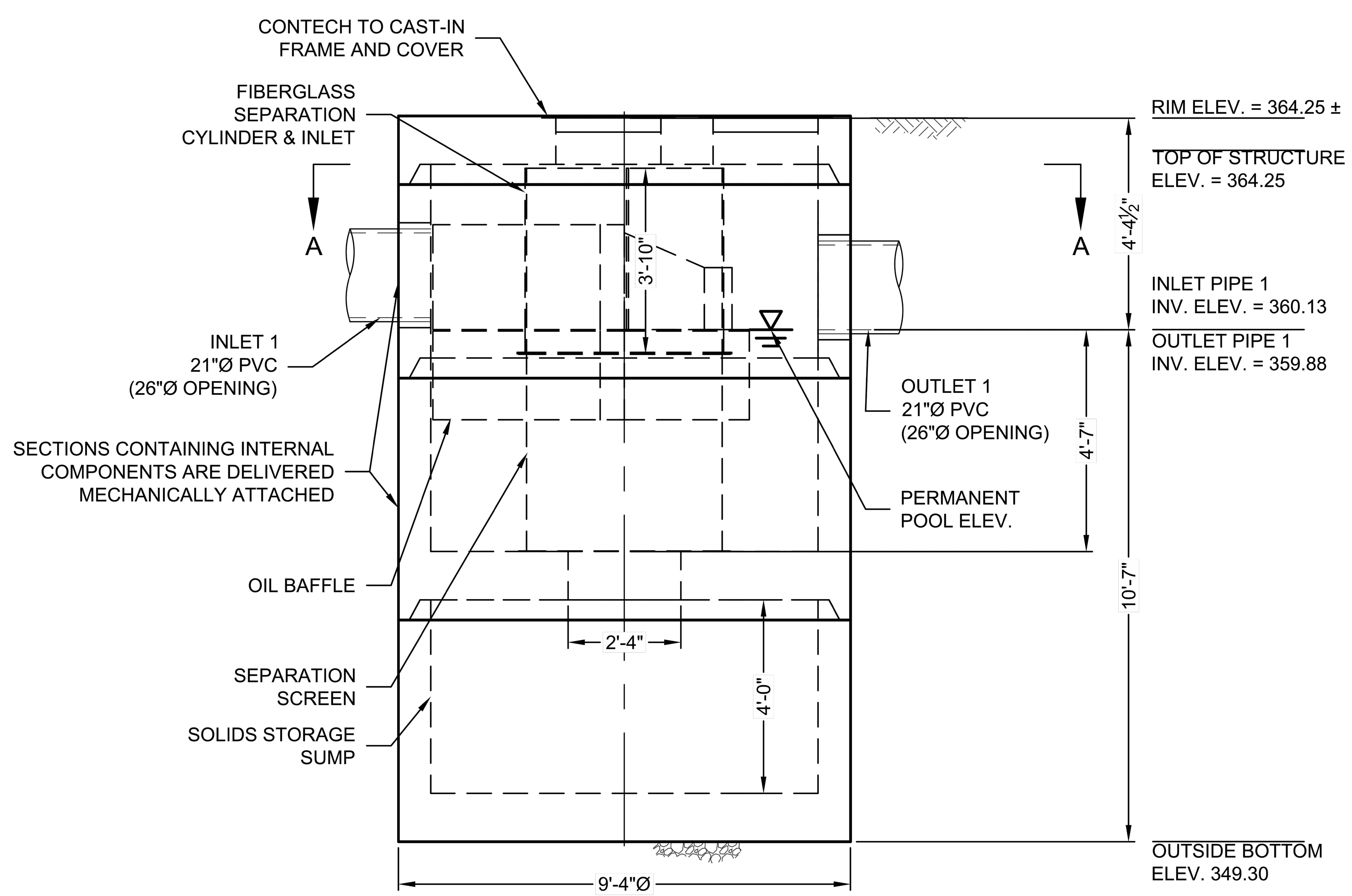
SECTION A-A

MATERIAL LIST (PROVIDED BY CONTECH)

COUNT	DESCRIPTION	INSTALLED BY
1	FIBERGLASS INLET AND CYLINDER	CONTECH
1	--NONE-- micron, 4' O.D. x 4.08' SEP. SCREEN	CONTECH
1	SEALANT FOR JOINTS	CONTRACTOR
2	24"Ø x 4" FRAME & COVER, EJ#41600389, OR EQUIV.	CONTECH

SITE DESIGN DATA

WATER QUALITY FLOW RATE	5.12 CFS
PEAK FLOW RATE	34 CFS
RETURN PERIOD OF PEAK FLOW	25 YRS



ELEVATION VIEW

GENERAL NOTES
1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.ContechES.com
3. CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
4. STRUCTURE SHALL MEET AASHTO HS-20 LOAD RATING, ASSUMING EARTH COVER OF 0' - 2', AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO.
5. IF REQUIRED, PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.
6. CDS STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-478 AND AASHTO LOAD FACTOR DESIGN METHOD.

INSTALLATION NOTES
A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE.
C. CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
D. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET AND OUTLET PIPE(S). MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPE CENTERLINES TO MATCH PIPE OPENING CENTERLINES.
E. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

STRUCTURE WEIGHT
APPROXIMATE HEAVIEST PICK = 32500 LBS.
STRUCTURE IS DELIVERED IN 3 PIECES

MAX FOOTPRINT = Ø9'-4"

CONTECH
PROPOSAL
DRAWING

H2
LAYOUT 1A
4040-8-FGIS
5801 / 453109

MARK	DATE	REVISION DESCRIPTION	BY

CDS4040-8-C - 654320-20
COLUMBIA PARK TRAIL – LESLIE
STORMWATER TREATMENT
RETROFIT
RICHLAND, WA
###

CONTECH ENGINEERED SOLUTIONS LLC
www.ContechES.com
2201 W. Royal Lane, Suite 260, Irving, TX 75063
972-590-2000 972-590-2039 FAX

DATE: 09/15/21	SCALE: 1/4" = 1'-0"
DESIGNED: SKJ	DRAWN: SKJ
CHECKED: ###	APPROVED: ###
PROJECT No.: 654320	SEQUENCE No.: 20
SHEET: 1 OF 1	

CONTECH CDS 4040-8-C
SCALE: NTS
1 / 9

60% DESIGN
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REV.	DESCRIPTION	DATE	APPR.
-	-	-	-

DATE: Sep-2021 | REVISION: 0 | PROJECT NUMBER: 190032 | DESIGNED BY: EBP/JHK | DRAWN BY: CMV | REVISED BY: -

Aspect CONSULTING

STRUCTURE DETAILS
####

STORMWATER RETROFITS
RICHLAND, WA

SHEET REFERENCE NUMBER:
9

Allyson Brooks Ph.D., Director
State Historic Preservation Officer

September 29, 2020

Michelle Myers
WA Department of Ecology
Water Quality – Grants & Loans
PO Box 47600
Olympia, WA 98504-7600

In future correspondence please refer to:
Project Tracking Code: 2020-09-06067
Property: City of Richland_Columbia Park Trail Leslie Stormwater Treatment Retrofit Project
Re: Concur with Preliminary Determination

Dear Michelle Myers:

Thank you for contacting the Washington State Historic Preservation Officer (SHPO) and Department of Archaeology and Historic Preservation (DAHP) and providing documentation regarding the above referenced project. A desktop review of our Statewide Predictive Model has identified the proposed project area as having high potential for archaeological resources. Further, the scale of the proposed ground disturbing actions would destroy any archaeological resources present. Identification during construction is not a recommended detection method because inadvertent discoveries often result in costly construction delays and damage to the resource. Therefore, we concur with your preliminary determination of "No Impact to Cultural Resources with the stipulation for an archaeological survey." We also recommend consultation with the concerned Tribes' cultural committees and staff regarding cultural resource issues.

If any federal funds or permits are associated with this proposal, Section 106 of the National Historic Preservation Act, as amended, and its implementing regulations, 36 CFR 800, must be followed. This is a separate process from both the NEPA and SEPA environmental review processes and requires formal government-to-government consultation with the affected Tribes and the SHPO. Also, we appreciate receiving any correspondence or comments from concerned tribes or other parties concerning cultural resource issues that you receive.

These comments are based on the information available at the time of this review and on behalf of the SHPO in conformance with Governor's Executive Order 05-05. Should additional information become available, our assessment may be revised.

Thank you for the opportunity to comment on this project and we look forward to receiving the survey report. Please ensure that the DAHP Project Number (a.k.a. Project Tracking Code) is shared with any hired cultural resource consultants and is attached to any communications or submitted reports. Should you have any questions, please feel free to contact me.

Sincerely,

Sydney Hanson
Transportation Archaeologist
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