



**Request for Clean Water Act
Section 401 Water Quality Certification
Washington State Department of Ecology**
Phone: (360) 407-6076 or E-mail: ecyrefedpermits@ecy.wa.gov

AGENCY USE ONLY

Date Received: 6/25/2024
Aquatics ID No.: 142312
County: Kitsap
Complete Request: 6/25/2024

This Section 401 Water Quality Certification (WQC) request form must be submitted as part of a WQC request and identifies information needed for review. Please see Department of Ecology's (Ecology) [webpage](#)¹ for more information about the WQC request process and additional information regarding the request requirements.

Submit this WQC Request form along with the supporting information² to ecyrefedpermits@ecy.wa.gov.

Request packages should be sent in by email, mail submissions will not be accepted. Supporting information should not be consolidated into one large file, if your documents are consolidated into one file, please separate them before submitting.

Per the 2023 EPA Water Quality Certification rule, the certifying authority may identify the contents of a request for certification relevant to water quality related impacts from the activity. Items listed in Section D are always required for a complete application. If notified by Ecology prior to submittal of this request, items listed in Section E are also required. If this information has been provided to Ecology as part of your federal permit application, you do not need to submit them again. However, please indicate in Section D how they were provided. Ecology will provide acknowledgement of receipt of a complete WQC request to the project proponent. Once Ecology confirms we have received all the required information, our review time will begin.

A. Project Information

Project Name: Colbie Court

Ecology Aquatics ID Number: 142312

Project Location (Please attach a project location map when submitting this form):

Project Address: 5230 Bethel Road Southeast County: KITSAP

B. Federal Permit or License Reference Number, if known: NWS-2023-56 Huber Properties, LLC

Federal Agency: ☒ U.S. Army Corps of Engineers (Corps) ☐ U.S. Coast Guard
☐ Federal Energy Regulatory Commission ☐ Environmental Protection Agency (EPA)
☐ Other:

Identify the U.S. Army Corps permit, if applicable: ☒ Nationwide Permit ☐ Individual ☐ Other: _____

If Nationwide Permit which one(s)? NWP(s) # 29

¹ <https://ecology.wa.gov/Regulations-Permits/Permits-certifications/401-Water-quality-certification>

² To submit documents over 25MB, e-mail ecyrefedpermits@ecy.wa.gov to request a secure link. Ecology does not accept outside links. Please include the Aquatics ID and project name when requesting a link.

To request an ADA accommodation, contact Ecology by phone at (360) 407-6076 or email at ecyrefedpermits@ecy.wa.gov, or visit <https://ecology.wa.gov/accessibility>.

For Relay Service or TTY call 711 or 877-833-6341.

Si necesita este formulario en español, por favor, llámenos a (360) 407-6076
o envíenos un correo electrónico a: ecyrefedpermits@ecy.wa.gov

C. Was a Pre-Filing Meeting Request submitted to Ecology prior to submitting this WQC request?

☒ Yes, a pre-filing meeting request was submitted on date: 1/23

D. Required for all projects requesting an individual WQC. Please check the boxes below indicating where the following documents can be found within this WQC request.

	Within WQC request	Within federal permit application	Previously submitted to Ecology and is still up to date	Notes to find information within the submission
Copy of the federal permit application package for the federal permit or license	<input checked="" type="checkbox"/>			JARPA IS APPLICATION
Complete up to date JARPA or other accepted application form	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Status of State Environmental Policy Act (SEPA) determination and/or exemption	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	NOT COMPLETE
Project location map and drawings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Date:	
Best management practices (BMPs)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Date:	
Construction methodologies	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Date:	
Requirements for In-Water Work				
Water quality monitoring plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Aquatic resource avoidance and minimization identified (e.g. eelgrass)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Riparian revegetation, restoration, and management measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Requirements for Work in Wetlands				
Wetland delineation report with data sheets	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Date:	
Wetland ratings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Date:	
Wetland mitigation plan, including avoidance and minimization measures, for wetland, stream, and/or other aquatic resources	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Date:	
Riparian planting and monitoring and measures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Date:	

E. Required by project type or when identified by Ecology. Please check the boxes below indicating where the following documents can be found within this WQC request.

	Within WQC request	Within federal permit application	Previously submitted to Ecology and is still up to date	Notes to find information within the submission
Mitigation				
Wetland mitigation bank use plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
In-lieu (ILF) use plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Water Quality Monitoring				
Water quality monitoring and protection plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Spill prevention control and countermeasures plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Upland Work				
Erosion and sediment control plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Stormwater pollution prevention plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
De-Watering				
Flow diversion, cofferdam, and dewatering system plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Stream bypass plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Water dispersion/ infiltration plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Culverts and Bridges				
Bridge demolition and construction plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Culvert removal and replacement plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Dredging				
Dredging and excavation plans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Suitability determination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Soils testing and characterization reports	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Other				
Stone column installation plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Horizontal direction drill (HDD) inadvertent return plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Levee repair and bank stabilization plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Piling removal and installation plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
Wastewater servicing for marina operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	

Aquatic invasive species management plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Date:	
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F. Project Proponent Information

Project Proponent

First/Last Name: Dylan Huber
Organization: Huber Properties, LLC
Phone #: 253-313-3952
E-mail: Dylan@SPP-MFG.com

Agent/Consultant

First/Last Name: Mark Heckert
Organization: Beaver Creek Environmental Services nc
Phone #: 253 732 6515
E-mail: MarkHeckert@Outlook.com

G. Required Certification Statements:

The project proponent hereby certifies that all information contained herein is true, accurate, and complete, to the best of my knowledge and belief.

The project proponent hereby requests that the certifying authority review and take action on this WQC request within the applicable reasonable period of time.

Signature: MARK HECKERT Digitally signed by MARK HECKERT
Date: 2024.06.25 07:43:08 -07'00' Date: 6/25/24

Print Name: Mark Heckert



WASHINGTON STATE

Joint Aquatic Resources Permit Application (JARPA) Form^{1,2} [\[help\]](#)

USE BLACK OR BLUE INK TO ENTER ANSWERS IN THE WHITE SPACES BELOW.



US Army Corps
of Engineers®
Seattle District

AGENCY USE ONLY

Date received: 6/25/2024 edoc
Rec'd WQC Request Form

Agency reference #: _____

Tax Parcel #(s): _____

Part 1—Project Identification

1. Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development) [\[help\]](#)

COLBIE COURT

Part 2—Applicant

The person and/or organization responsible for the project. [\[help\]](#)

2a. Name (Last, First, Middle)

Dylan Huber

2b. Organization (If applicable)

Huber Properties, LLC

2c. Mailing Address (Street or PO Box)

PO Box 64160

2d. City, State, Zip

Tacoma WA 98464

2e. Phone (1)

2f. Phone (2)

2g. Fax

2h. E-mail

253-313-3952

Dylan@spp-mfg.com

¹Additional forms may be required for the following permits:

- If your project may qualify for Department of the Army authorization through a Regional General Permit (RGP), contact the U.S. Army Corps of Engineers for application information (206) 764-3495.
- Not all cities and counties accept the JARPA for their local Shoreline permits. If you need a Shoreline permit, contact the appropriate city or county government to make sure they accept the JARPA.

²To access an online JARPA form with [\[help\]](#) screens, go to

http://www.epermitting.wa.gov/site/alias_resourcecenter/jarpa_jarpa_form/9984/jarpa_form.aspx.

Part 3—Authorized Agent or Contact

Person authorized to represent the applicant about the project. (Note: Authorized agent(s) must sign 11b of this application.) [\[help\]](#)

3a. Name (Last, First, Middle)			
MARK HECKERT			
3b. Organization (If applicable)			
BEAVER CREEK ENVIRONMENTAL SERVICES, INC.			
3c. Mailing Address (Street or PO Box)			
POB 731695			
3d. City, State, Zip			
PUYALLUP, WA 98373			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
253 732 6515			MarkHeckert@Outlook.com

Part 4—Property Owner(s)

Contact information for people or organizations owning the property(ies) where the project will occur. Consider both **upland and aquatic** ownership because the upland owners may not own the adjacent aquatic land. [\[help\]](#)

- ☐ Same as applicant. (Skip to Part 5.)
- ☐ Repair or maintenance activities on existing rights-of-way or easements. (Skip to Part 5.)
- ☐ There are multiple upland property owners. Complete the section below and fill out [JARPA Attachment A](#) for each additional property owner.
- ☐ Your project is on Department of Natural Resources (DNR)-managed aquatic lands. If you don't know, contact the DNR at (360) 902-1100 to determine aquatic land ownership. If yes, complete [JARPA Attachment E](#) to apply for the Aquatic Use Authorization.

4a. Name (Last, First, Middle)			
Agile SB PO1, LLC [Dave Baus]			
4b. Organization (If applicable)			
4c. Mailing Address (Street or PO Box)			
18929 111th St. E.			
4d. City, State, Zip			
Bonney Lake, Washington, 98391			
4e. Phone (1)	4f. Phone (2)	4g. Fax	4h. E-mail
253-709-1411			DaveBaus@outlook.com

Part 5–Project Location(s)

Identifying information about the property or properties where the project will occur. [\[help\]](#)

- ☐ There are multiple project locations (e.g. linear projects). Complete the section below and use [JARPA Attachment B](#) for each additional project location.

5a. Indicate the type of ownership of the property. (Check all that apply.) [help]			
<input checked="" type="checkbox"/> Private			
<input type="checkbox"/> Federal			
<input type="checkbox"/> Publicly owned (state, county, city, special districts like schools, ports, etc.)			
<input type="checkbox"/> Tribal			
<input type="checkbox"/> Department of Natural Resources (DNR) – managed aquatic lands (Complete JARPA Attachment E)			
5b. Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) [help]			
5230 Bethel Road Southeast			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Port Orchard, WA			
5d. County [help]			
Kitsap			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
NE/4	SEC 11	TWP 23	1E
5f. Provide the latitude and longitude of the project location. [help]			
<ul style="list-style-type: none">Example: 47.03922 N lat. / -122.89142 W long. (Use decimal degrees - NAD 83)			
47.50085268, -122.63325815			
5g. List the tax parcel number(s) for the project location. [help]			
<ul style="list-style-type: none">The local county assessor's office can provide this information.			
112301-1-006-2007			
5h. Contact information for all adjoining property owners. (If you need more space, use JARPA Attachment C.) [help]			
Name	Mailing Address	Tax Parcel # (if known)	
BETHEL EVERGREENS LLC	5224 BETHEL RD SE PORT ORCHARD WA 98367	112301-1-007-2006	
AGILE SB PO1 LLC		112301-1-030-2007	
BORMAN RUSSELL E	PO BOX 54, PORT ORCHARD, WA 98366-0054	112301-1-036-2001	
		112301-1-032-2005	

KITSAP COUNTY PUBLIC WORKS	112301-1-032-2005	
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5i. List all wetlands on or adjacent to the project location. [help]
WETLAND A THROUGH CENTER OF PROPERTY
5j. List all waterbodies (other than wetlands) on or adjacent to the project location. [help]
DRAINAGE DITCH FROM BETHEL RD ENTERS AT NORTH CENTER OF SITE
5k. Is any part of the project area within a 100-year floodplain? [help]
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know
5l. Briefly describe the vegetation and habitat conditions on the property. [help]
House and sheds in NE corner, emergent wetland through center, forested at south boundary, logged upland shrub-scrub replanted in west
5m. Describe how the property is currently used. [help]
Single-family house and sheds
5n. Describe how the adjacent properties are currently used. [help]
East, Bethel Rd; North commercial parking; West vacant; South – vacant & single-family house
5o. Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. [help]
Single-family house and sheds, dilapidated
5p. Provide driving directions from the closest highway to the project location, and attach a map. [help]

WA-16 E to WA-160 E/Sedgwick Rd exit, right(east); to Bethel Rd. SE, right(south), 1000 ft. to site

Part 6—Project Description

6a. Briefly summarize the overall project. You can provide more detail in 6b. [\[help\]](#)

Proposing a 50-lot detached single family subdivision in the Urban Low Residential Zoning District on parcel to west; this site provides access and storm drain dispersal.

The crossing is the only work proposed in waters of the US on this project. Mitigation enhancement will occur in the wetland.

6b. Describe the purpose of the project and why you want or need to perform it. [\[help\]](#)

To provide single-family houses

6c. Indicate the project category. (Check all that apply) [\[help\]](#)

- | | | | | |
|--------------------------------------|--|--|---|---------------------------------------|
| <input type="checkbox"/> Commercial | <input checked="" type="checkbox"/> Residential | <input type="checkbox"/> Institutional | <input type="checkbox"/> Transportation | <input type="checkbox"/> Recreational |
| <input type="checkbox"/> Maintenance | <input type="checkbox"/> Environmental Enhancement | | | |

6d. Indicate the major elements of your project. (Check all that apply) [\[help\]](#)

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Aquaculture | <input checked="" type="checkbox"/> Culvert | <input type="checkbox"/> Float | <input type="checkbox"/> Retaining Wall (upland) |
| <input type="checkbox"/> Bank Stabilization | <input type="checkbox"/> Dam / Weir | <input type="checkbox"/> Floating Home | <input checked="" type="checkbox"/> Road |
| <input type="checkbox"/> Boat House | <input type="checkbox"/> Dike / Levee / Jetty | <input type="checkbox"/> Geotechnical Survey | <input type="checkbox"/> Scientific Measurement Device |
| <input type="checkbox"/> Boat Launch | <input type="checkbox"/> Ditch | <input type="checkbox"/> Land Clearing | <input type="checkbox"/> Stairs |
| <input type="checkbox"/> Boat Lift | <input type="checkbox"/> Dock / Pier | <input type="checkbox"/> Marina / Moorage | <input type="checkbox"/> Stormwater facility |
| <input type="checkbox"/> Bridge | <input type="checkbox"/> Dredging | <input type="checkbox"/> Mining | <input type="checkbox"/> Swimming Pool |
| <input type="checkbox"/> Bulkhead | <input type="checkbox"/> Fence | <input type="checkbox"/> Outfall Structure | <input type="checkbox"/> Utility Line |
| <input type="checkbox"/> Buoy | <input type="checkbox"/> Ferry Terminal | <input type="checkbox"/> Piling/Dolphin | |
| <input type="checkbox"/> Channel Modification | <input type="checkbox"/> Fishway | <input type="checkbox"/> Raft | |

☐ Other:

6e. Describe how you plan to construct each project element checked in 6d. Include specific construction methods and equipment to be used. [help] <ul style="list-style-type: none"> Identify where each element will occur in relation to the nearest waterbody. Indicate which activities are within the 100-year floodplain.
Construct a private access road for the subdivision with a culvert underneath, using proper TESC and BMP plans to minimize impact to the wetland and buffer during construction.
6f. What are the anticipated start and end dates for project construction? (Month/Year) [help] <ul style="list-style-type: none"> If the project will be constructed in phases or stages, use JARPA Attachment D to list the start and end dates of each phase or stage.
Start Date: <u>June 2024</u> End Date: <u>May 2025</u> <input type="checkbox"/> See JARPA Attachment D
6g. Fair market value of the project, including materials, labor, machine rentals, etc. [help]
\$7,500,000.00
6h. Will any portion of the project receive federal funding? [help] <ul style="list-style-type: none"> If yes, list each agency providing funds.
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know

Part 7–Wetlands: Impacts and Mitigation

- ☒ Check here if there are wetlands or wetland buffers on or adjacent to the project area.
 (If there are none, skip to Part 8.) [\[help\]](#)

7a. Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. [help]
<input type="checkbox"/> Not applicable
The proposed access is the only access to the parcel to the west, and has an existing road through the wetland. Any other route will create more wetland impact. The proposed road expansion is the minimum required by Kitsap code to service the west parcel.
7b. Will the project impact wetlands? [help]
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
7c. Will the project impact wetland buffers? [help]
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know

7d. Has a wetland delineation report been prepared? [help]						
<ul style="list-style-type: none"> If Yes, submit the report, including data sheets, with the JARPA package. 						
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
7e. Have the wetlands been rated using the Western Washington or Eastern Washington Wetland Rating System? [help]						
<ul style="list-style-type: none"> If Yes, submit the wetland rating forms and figures with the JARPA package. 						
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know						
7f. Have you prepared a mitigation plan to compensate for any adverse impacts to wetlands? [help]						
<ul style="list-style-type: none"> If Yes, submit the plan with the JARPA package and answer 7g. If No, or Not applicable, explain below why a mitigation plan should not be required. 						
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know						
7g. Summarize what the mitigation plan is meant to accomplish, and describe how a watershed approach was used to design the plan. [help]						
The plan is intended to ameliorate impacts to wetland from improving the access road. A degraded (through farming) emergent wetland, dominated by reed canarygrass, will be enhanced by planting native trees and shrubs.						
7h. Use the table below to list the type and rating of each wetland impacted, the extent and duration of the impact, and the type and amount of mitigation proposed. Or if you are submitting a mitigation plan with a similar table, you can state (below) where we can find this information in the plan. [help]						
Activity (fill, drain, excavate, flood, etc.)	Wetland Name ¹	Wetland type and rating category ²	Impact area (sq. ft. or Acres)	Duration of impact ³	Proposed mitigation type ⁴	Wetland mitigation area (sq. ft. or acres)
FILL	WL A	PEMC CAT. 3	3,538 sq. ft. DIRECT	PERMINANT	ENHANCEMENT	30,472 sq. ft.
			11,156 sq. ft. INDIRECT	TRANSIENT	CREATION	10,670 sq. ft.
¹ If no official name for the wetland exists, create a unique name (such as "Wetland 1"). The name should be consistent with other project documents, such as a wetland delineation report. ² Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package. ³ Indicate the days, months or years the wetland will be measurably impacted by the activity. Enter "permanent" if applicable. ⁴ Creation (C), Re-establishment/Rehabilitation (R), Enhancement (E), Preservation (P), Mitigation Bank/In-lieu fee (B)						
Page number(s) for similar information in the mitigation plan, if available: <u> 2 </u>						

7i. For all filling activities identified in 7h, describe the source and nature of the fill material, the amount in cubic yards that will be used, and how and where it will be placed into the wetland. [\[help\]](#)

Fill will be clean fill from approved source. It will be placed with dump truck and dozer to the north boundary of the wetland where road crosses.

7j. For all excavating activities identified in 7h, describe the excavation method, type and amount of material in cubic yards you will remove, and where the material will be disposed. [\[help\]](#)

The SW corner of the existing wetland will be excavated with shovel excavator from upland buffer. 400 cu yd of fill removed. Fill will be deposited onsite or at an approved disposal facility

Part 8–Waterbodies (other than wetlands): Impacts and Mitigation

In Part 8, “waterbodies” refers to non-wetland waterbodies. (See Part 7 for information related to wetlands.) [\[help\]](#)

☒ Check here if there are waterbodies on or adjacent to the project area. (If there are none, skip to Part 9.)

8a. Describe how the project is designed to avoid and minimize adverse impacts to the aquatic environment. [\[help\]](#)

☐ Not applicable

Type Ns Stream through the east portion of the site flowing south.

The crossing is a required enlargement to the existing crossing. This is the least impactful location to provide access to the remainder of the property to the west. It is as small as allowed by code. All construction limits will be silt-fenced.

8b. Will your project impact a waterbody or the area around a waterbody? [\[help\]](#)

☒ Yes ☐ No

8c. Have you prepared a mitigation plan to compensate for the project's adverse impacts to non-wetland waterbodies? [\[help\]](#)

- **If Yes**, submit the plan with the JARPA package and answer 8d.
- **If No, or Not applicable**, explain below why a mitigation plan should not be required.

☒ Yes ☐ No ☐ Don't know

8d. Summarize what the mitigation plan is meant to accomplish. Describe how a watershed approach was used to design the plan.

- If you already completed 7g you do not need to restate your answer here. [\[help\]](#)

The plan is intended to ameliorate impacts to wetland from improving the access road. A degraded (through farming) emergent wetland, dominated by reed canarygrass, will be enhanced by planting native trees and shrubs. This will raise the ecological function of the wetland.

8e. Summarize impact(s) to each waterbody in the table below. [\[help\]](#)

Activity (clear, dredge, fill, pile drive, etc.)	Waterbody name ¹	Impact location ²	Duration of impact ³	Amount of material (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected

¹ If no official name for the waterbody exists, create a unique name (such as "Stream 1") The name should be consistent with other documents provided.

² Indicate whether the impact will occur in or adjacent to the waterbody. If adjacent, provide the distance between the impact and the waterbody and indicate whether the impact will occur within the 100-year flood plain.

³ Indicate the days, months or years the waterbody will be measurably impacted by the work. Enter "permanent" if applicable.

8f. For all activities identified in 8e, describe the source and nature of the fill material, amount (in cubic yards) you will use, and how and where it will be placed into the waterbody. [\[help\]](#)

8g. For all excavating or dredging activities identified in 8e, describe the method for excavating or dredging, type and amount of material you will remove, and where the material will be disposed. [\[help\]](#)

Part 9—Additional Information

Any additional information you can provide helps the reviewer(s) understand your project. Complete as much of this section as you can. It is ok if you cannot answer a question.

9a. If you have already worked with any government agencies on this project, list them below. [\[help\]](#)

Agency Name	Contact Name	Phone	Most Recent Date of Contact
Planner, Kitsap County DCD	Darren Gurnee		10/20/2022
West Sound Utility District	Randy Screws		11/30/2022
US Army Corps of Engineers	Jaime Liljegren		12/3/23

9b. Are any of the wetlands or waterbodies identified in Part 7 or Part 8 of this JARPA on the Washington Department of Ecology's 303(d) List? [\[help\]](#)

- If **Yes**, list the parameter(s) below.
- If you don't know, use Washington Department of Ecology's Water Quality Assessment tools at: <https://ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Assessment-of-state-waters-303d>.

☐ Yes ☒ No

9c. What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? [\[help\]](#)

- Go to <http://cfpub.epa.gov/surf/locate/index.cfm> to help identify the HUC.

17110019

9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [\[help\]](#)

- Go to <https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up> to find the WRIA #.

Kitsap - WRIA 15

<p>9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [help]</p> <ul style="list-style-type: none"> Go to https://ecology.wa.gov/Water-Shorelines/Water-quality/Freshwater/Surface-water-quality-standards/Criteria for the standards.
<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable</p>
<p>9f. If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? [help]</p> <ul style="list-style-type: none"> If you don't know, contact the local planning department. For more information, go to: https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Shoreline-coastal-planning/Shoreline-laws-rules-and-cases.
<p><input type="checkbox"/> Urban <input type="checkbox"/> Natural <input type="checkbox"/> Aquatic <input type="checkbox"/> Conservancy <input type="checkbox"/> Other: _____</p>
<p>9g. What is the Washington Department of Natural Resources Water Type? [help]</p> <ul style="list-style-type: none"> Go to http://www.dnr.wa.gov/forest-practices-water-typing for the Forest Practices Water Typing System.
<p><input type="checkbox"/> Shoreline <input type="checkbox"/> Fish <input type="checkbox"/> Non-Fish Perennial <input checked="" type="checkbox"/> Non-Fish Seasonal</p>
<p>9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [help]</p> <ul style="list-style-type: none"> If No, provide the name of the manual your project is designed to meet.
<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Name of manual: _____</p>
<p>9i. Does the project site have known contaminated sediment? [help]</p> <ul style="list-style-type: none"> If Yes, please describe below.
<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<div style="height: 100px;"></div>
<p>9j. If you know what the property was used for in the past, describe below. [help]</p>
<p>SINGLE-FAMILY HOUSE AND SMALL AGRICULTURE \</p>
<p>9k. Has a cultural resource (archaeological) survey been performed on the project area? [help]</p> <ul style="list-style-type: none"> If Yes, attach it to your JARPA package.
<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>

9l. Name each species listed under the federal Endangered Species Act that occurs in the vicinity of the project area or might be affected by the proposed work. [\[help\]](#)

NONE PER PHS DATA

IPaC Data

Marbled Murrelet *Brachyramphus marmoratus*

Yellow-billed Cuckoo *Coccyzus americanus*

Northwestern Pond Turtle *Actinemys marmorata*

Bull Trout *Salvelinus confluentus*

Monarch Butterfly *Danaus plexippus*

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

9m. Name each species or habitat on the Washington Department of Fish and Wildlife's Priority Habitats and Species List that might be affected by the proposed work. [\[help\]](#)

NONE PER PHS DATA

Part 10–SEPA Compliance and Permits

Use the resources and checklist below to identify the permits you are applying for.

- Online Project Questionnaire at <http://apps.oria.wa.gov/opas/>.
- Governor's Office for Regulatory Innovation and Assistance at (800) 917-0043 or help@oria.wa.gov.
- For a list of addresses to send your JARPA to, click on [agency addresses for completed JARPA](#).

10a. Compliance with the State Environmental Policy Act (SEPA). (Check all that apply.) [\[help\]](#)

- For more information about SEPA, go to <https://ecology.wa.gov/regulations-permits/SEPA-environmental-review>.

☐ A copy of the SEPA determination or letter of exemption is included with this application.

☒ A SEPA determination is pending with Kitsap County (lead agency). The expected decision date is _____.

☐ I am applying for a Fish Habitat Enhancement Exemption. (Check the box below in 10b.) [\[help\]](#)

- ☐ This project is exempt (choose type of exemption below).
- ☐ Categorical Exemption. Under what section of the SEPA administrative code (WAC) is it exempt?

- ☐ Other: _____
- ☐ SEPA is pre-empted by federal law.

10b. Indicate the permits you are applying for. (Check all that apply.) [\[help\]](#)

LOCAL GOVERNMENT

Local Government Shoreline permits:

- ☐ Substantial Development ☐ Conditional Use ☐ Variance
- ☐ Shoreline Exemption Type (explain): _____

Other City/County permits:

- ☐ Floodplain Development Permit ☒ Critical Areas Ordinance

STATE GOVERNMENT

Washington Department of Fish and Wildlife:

- ☒ Hydraulic Project Approval (HPA) ☐ Fish Habitat Enhancement Exemption – [Attach Exemption Form](#)

Washington Department of Natural Resources:

- ☐ Aquatic Use Authorization
- Complete [JARPA Attachment E](#) and submit a check for \$25 payable to the Washington Department of Natural Resources.
Do not send cash.

Washington Department of Ecology:

- ☒ Section 401 Water Quality Certification
- ☐ Authorization to impact waters of the state, including wetlands (Check this box if the proposed impacts are to waters not subject to the federal Clean Water Act)

FEDERAL AND TRIBAL GOVERNMENT

United States Department of the Army (U.S. Army Corps of Engineers):

- ☒ Section 404 (discharges into waters of the U.S.) ☐ Section 10 (work in navigable waters)

United States Coast Guard:

For projects or bridges over waters of the United States, contact the U.S. Coast Guard at:

- ☐ Bridge Permit: D13-SMB-D13-BRIDGES@uscg.mil
- ☐ Private Aids to Navigation (or other non-bridge permits): D13-SMB-D13-PATON@uscg.mil

United States Environmental Protection Agency:

- ☐ Section 401 Water Quality Certification (discharges into waters of the U.S.) on tribal lands where tribes do not have treatment as a state (TAS)

Tribal Permits: (Check with the tribe to see if there are other tribal permits, e.g., Tribal Environmental Protection Act, Shoreline Permits, Hydraulic Project Permits, or other in addition to CWA Section 401 WQC)

- ☐ Section 401 Water Quality Certification (discharges into waters of the U.S.) where the tribe has treatment as a state (TAS).

Part 11—Authorizing Signatures

Signatures are required before submitting the JARPA package. The JARPA package includes the JARPA form, project plans, photos, etc. [\[help\]](#)

11a. Applicant Signature (required) [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities, and I agree to start work only after I have received all necessary permits.

I hereby authorize the agent named in Part 3 of this application to act on my behalf in matters related to this application. DH (initial)

By initialing here, I state that I have the authority to grant access to the property. I also give my consent to the permitting agencies entering the property where the project is located to inspect the project site or any work related to the project. DH (initial)

DYLAN HUBER	Dylan Huber	1/9/2023
Applicant Printed Name	Applicant Signature	Date

11b. Authorized Agent Signature [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities and I agree to start work only after all necessary permits have been issued.

MARK HECKERT	Mark Heckert	4/24/2024
Authorized Agent Printed Name	Authorized Agent Signature	Date

11c. Property Owner Signature (if not applicant) [\[help\]](#)

Not required if project is on existing rights-of-way or easements (provide copy of easement with JARPA).

I consent to the permitting agencies entering the property where the project is located to inspect the project site or any work. These inspections shall occur at reasonable times and, if practical, with prior notice to the landowner.

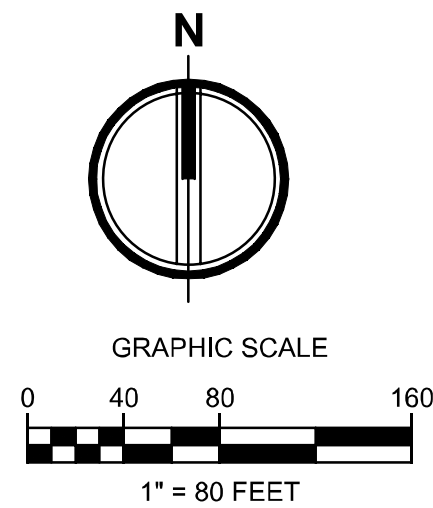
DAVE BAUS	David Baus	January 10, 2023
Property Owner Printed Name	Property Owner Signature	Date

18 U.S.C §1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years or both.

If you require this document in another format, contact the Governor's Office for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA publication number: ORIA-16-011 rev. 09/2018



**A PORTION OF THE SE 1/4 OF THE NE 1/4 OF SECTION 11, TOWNSHIP 23 N, RANGE 1 E
OF THE WILLAMETTE MERIDIAN, KITSAP COUNTY, WASHINGTON**



EXISTING		PROPOSED
	SET 60D SPIKE	
	SET HARD NAIL	
	FOUND MONUMENT, IN CASE	
	FOUND REBAR & CAP	
	FOUND IRON PIPE	
	UTILITY POLE W/UNDERGROUND DROP	
	UTILITY POLE	
	GUY WIRE	
	TELEPHONE PEDESTAL	
	TELEPHONE REPETER	
	STREET SIGN	
	MAIL BOX	
	FIRE DEPARTMENT CONNECTION	
	FIRE HYDRANT	
	WATER VALVE	
	WATER METER	
	MONITORING WELL	
	STORM MANHOLE	
	CATCH BASIN	
	CULVERT	
	SEWER MANHOLE	
	SEWER CLEANOUT	
	6X6 GATE POST	
	4X4 GATE POST	
	BARB WIRE FENCE CORNER	
	WETLAND FLAG	
	SOIL PLOT	
	CHICKEN COOP	
	BARB WIRE FENCE	
	SANITARY SEWER LINE	
	STORM DRAINAGE LINE	
	ROOF DRAIN LINE	
	WATER LINE	
	EDGE OF PAVEMENT LINE	
	RIGHT OF WAY LINE	
	PROPERTY LINE	
	EXISTING CONTOUR	
	TOP SLOPE & DITCH	
	TOE SLOPE	
	BOTTOM DITCH	
	GRAVEL	
	CONCRETE	
	PAVING	
	DECIDUOUS TREE	
	PINE TREE	

DDH HOLDINGS, LLC
3309 59TH STREET NW
GIG HARBOR, WA 98335
CONTACT: DYLAN HUBER

AHBL ENGINEERS, PLANNERS, & SURVEYORS
2215 NORTH 30TH STREET, SUITE 300
TACOMA, WA 98403
PH. (253) 383-2422
FAX (253) 383-2572
CONTACT: MATT WEBER, P.E.

NCS SURVEYING, LLC
3930 SOUTH 352ND STREET
AUBURN, WA 98001
PH. (253) 606-6829
FAX (253) 661-3641
CONTACT: dsalmon@ncssurveying.com

NAVD 1988.
ON-SITE TEMPORARY BENCHMARK
TOP OF MONITORING WELL, ELEVATION = 314.73

NAVD 1988
EAST LINE NE QUARTER SEC 11, TWP 23 N, RGE 1 E
N 02°17'58" E

KITSAP COUNTY PUBLIC WORKS SEC 11, TWP 23 N, RGE 1 E
SECTION SUB-DIVISION (NAD 83-1991 SUPER NET)

PARCEL 1; TPN 11230110302007

THE NORTH HALF OF THE SOUTHEAST QUARTER OF THE
NORTHEAST QUARTER, SECTION 11, TOWNSHIP 23 NORTH, RANGE
1 EAST, W.M., IN KITSAP COUNTY, WASHINGTON
EXCEPT THE EAST 792 FEET.

PARCEL 2; TPN 11230110062007

THE EAST 792 FEET OF THE NORTH HALF OF THE NORTH HALF OF
THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER,
SECTION 11, TOWNSHIP 23 NORTH, RANGE 1 EAST, W.M., IN KITSAP
COUNTY, WASHINGTON
EXCEPT THE EAST 30 FEET.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES THAT HAPPEN DUE TO THE CONTRACTOR'S FAILURE TO LOCATE EXACTLY AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. AHBH ASSUMES NO LIABILITY FOR THE LOCATION OF UNDERGROUND UTILITIES.

IF WORKERS ENTER ANY TRENCH OR OTHER EXCAVATION FOUR OR MORE FEET IN DEPTH THAT DOES NOT MEET THE OPEN PIT REQUIREMENTS OF WSDOT SECTION 2-09.3(3)B, IT SHALL BE SHORED AND CRIBBED. THE CONTRACTOR ALONE SHALL BE RESPONSIBLE FOR WORKER SAFETY AND AHBLS ASSUMES NO RESPONSIBILITY. ALL TRENCH SAFETY SYSTEMS SHALL MEET THE REQUIREMENTS OF THE WASHINGTON INDUSTRIAL SAFETY AND HEALTH ACT, CHAPTER 49.17 RCW.

IMPORTED FILL MATERIAL SHALL NOT
CONTAIN PETROLEUM PRODUCTS, OR
SUBSTANCES WHICH ARE HAZARDOUS,
DANGEROUS, TOXIC, OR WHICH OTHERWISE
VIOLATE ANY STATE, FEDERAL, OR LOCAL
LAW, ORDINANCE, CODE, REGULATION, RULE,
ORDER, OR STANDARD.

PARCEL NUMBER:	11230110302007 AND 11230110062007
PROPERTY SIZE:	9.24 ACRES (AFTER BLA) (402,400 SF)
ADDRESS:	5230 BETHEL RD. SE.
PRIVATE ROAD ROW:	59,908 SF (1.37 ACRES)
CRITICAL AREA:	88,277 SF (2.03 ACRES)
NET DEVELOPABLE:	5.84 ACRES (254,215 SF)
ZONING:	URBAN LOW RESIDENTIAL (MIN. 5 UNITS/MAX. 9 UNITS PER ACRE)
MIN. LOT WIDTH:	40 FEET
MIN. LOT DEPTH:	60 FEET
SETBACKS:	FRONT - 20 FEET TO GARAGE, 10 FEET TO HOUSE SIDE - 5 FEET REAR - 10 FEET
OFFSTREET PARKING	25 (1/2 PER HOUSE)
RECREATION AREA	50 UNITS x 390 SQ FT

CUT:	17,500 CY
FILL:	19,500 CY
NET:	2,000 CY (FILL)

EARTHWORK QUANTITIES SHOWN ARE FOR PERMIT PURPOSES ONLY. THEY ARE AN ESTIMATE BASED ON PRELIMINARY DESIGN AND MAY BE REVISED DURING FINAL PLAT APPROVAL. CONTRACTOR SHALL DETERMINE QUANTITIES FOR CONSTRUCTION.

SHEET INDEX	
Sheet Number	Sheet Title
C0.1	COVER SHEET
C0.2	PRELIMINARY PLAT MAP
C1.1	CONCEPTUAL GRADING AND DRAINAGE PLAN
C1.2	INFILTRATION TRENCH SECTIONS
C2.1	ROAD PLAN AND PROFILES
C2.2	ROAD PLAN AND PROFILES
C2.3	ROAD CROSS SECTIONS
C2.4	FRONTAGE IMPROVEMENTS
C3.1	COMPOSITE UTILITY PLAN
C4.1	BOUNDARY LINE ADJUSTMENT



Client:
DDH HOLDINGS, LLC

3309 59TH STREET NW
GIG HARBOR, WA 98335

DYLAN HUBER

Project No.

2220336.10

Issue Set & Date:

4/17/2024



NOTICE
ALTERATION OF THIS DOCUMENT SHALL INVALIDATE THE PROFESSIONAL SEAL AND SIGNATURE. PUBLICATION OF THIS DOCUMENT DOES NOT DEROGATE FROM RESERVED OWNERSHIP RIGHTS IN IT. THIS DOCUMENT IS FOR USE ONLY FOR THE PROJECT IDENTIFIED IN THE TITLE BLOCK AND IS NOT TO BE USED FOR REPAIR, REMODEL, OR ADDITION TO THAT PROJECT OR FOR ANY OTHER PROJECT.



REVISÉ PER KITSAP COUNTY
INFORMATION REQUEST COMMENTS
DATED DECEMBER 1, 2023

Revisions:

Sheet Title:

Designed by: QF Drawn by: TS Checked by: MW

Sheet No.

C0.1

1 of 10 Sheets



Know what's below.
Call before you dig.

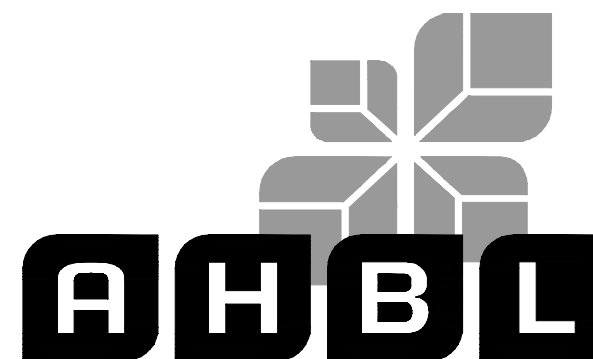
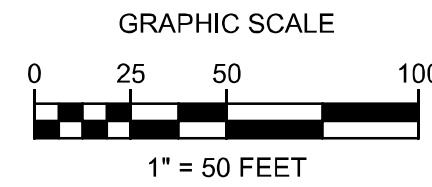
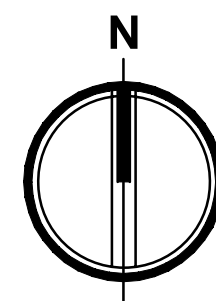
EARTHWORK QUANTITIES

CUT: 17,500 CY
FILL: 19,500 CY
NET: 2,000 CY (FILL)

EARTHWORK QUANTITIES SHOWN ARE FOR PERMIT PURPOSES ONLY. THEY ARE AN ESTIMATE BASED ON PRELIMINARY DESIGN AND MAY BE REVISED DURING FINAL PLAT APPROVAL. CONTRACTOR SHALL DETERMINE QUANTITIES FOR CONSTRUCTION.

COLBIE COURT

A PORTION OF THE SE 1/4 OF THE NE 1/4 OF SECTION 11, TOWNSHIP 23 N, RANGE 1 E
OF THE WILLAMETTE MERIDIAN, KITSAP COUNTY, WASHINGTON



TACOMA • SEATTLE • SPOKANE • TRI-CITIES

2215 North 30th Street, Suite 300 Tacoma, WA 98403
253.383.2422 TEL 253.383.2572 FAX www.ahbl.com WEB

Project Title:
COLBIE COURT

Client:
DDH HOLDINGS, LLC

3309 59TH STREET NW
GIG HARBOR, WA 98335

DYLAN HUBER

Project No.
2220336.10

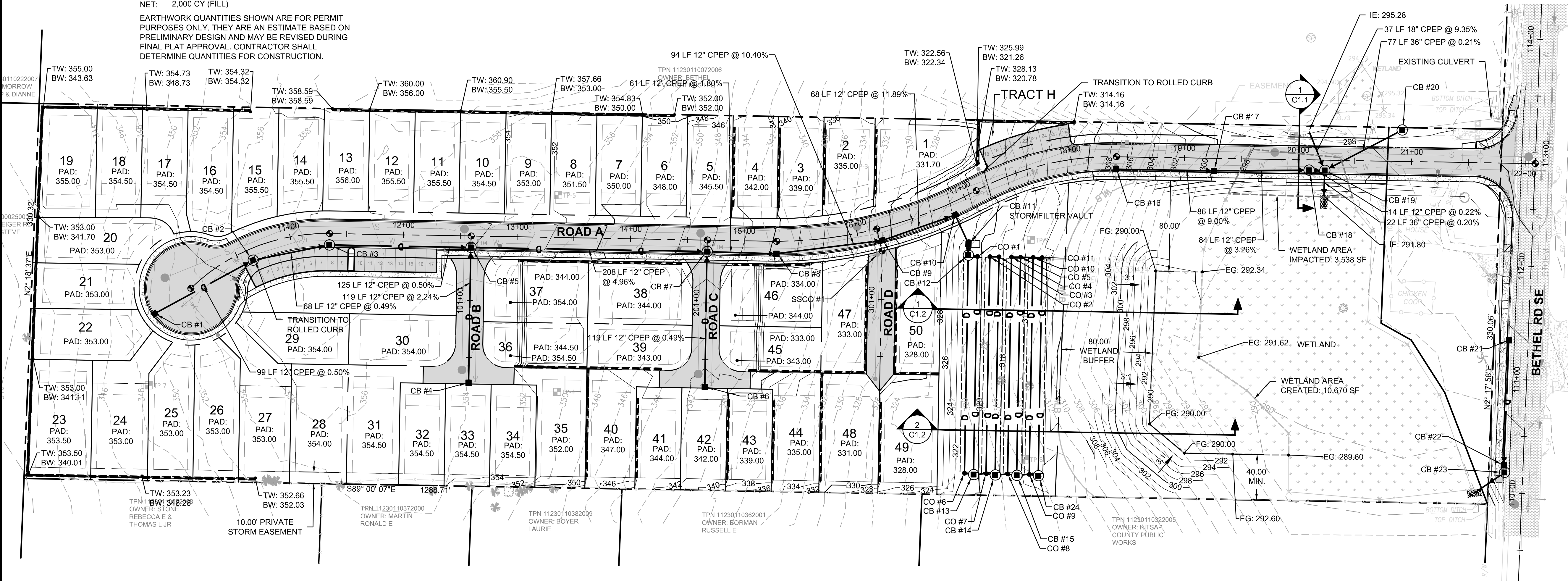
Issue Set & Date:

PRELIMINARY PLAT

4/17/2024



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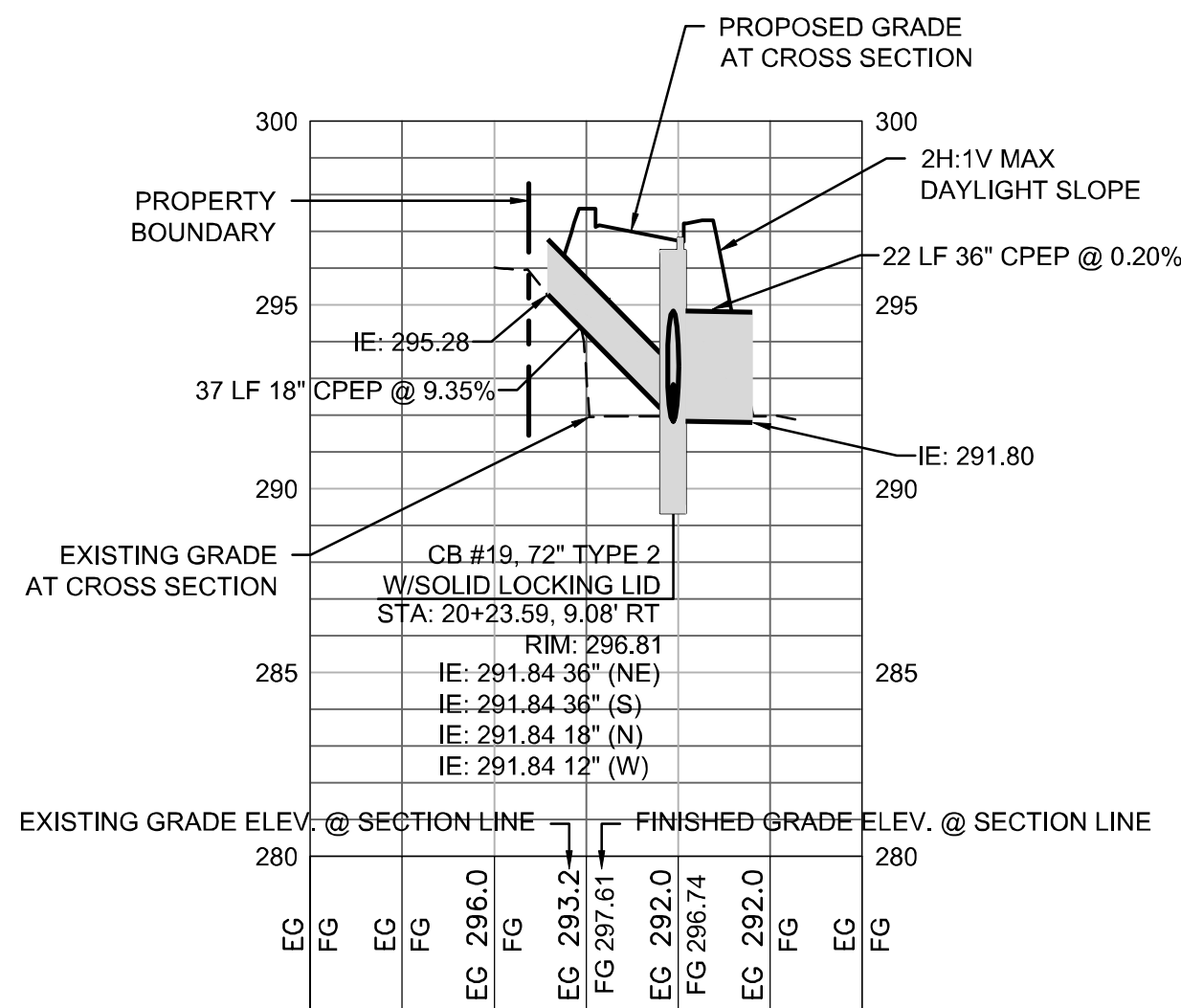
STORM STRUCTURE TABLE	
STRUCTURE NAME	STRUCTURE DETAILS
CB #1 TYPE 1 N 187892.80 E 1194745.93	RIM = 352.40 IE = 349.75 (12" NE)
CB #2 48" TYPE 2 N 187939.98 E 1194832.64	RIM = 354.46 IE = 349.25 (12" E) IE = 349.25 (12" SW)
CB #3 48" TYPE 2 N 187953.35 E 1194899.72	RIM = 355.33 IE = 348.91 (12" E) IE = 348.91 (12" W)
CB #4 TYPE 1 N 187832.10 E 1195022.35	RIM = 353.98 IE = 350.95 (12" N)
CB #5 48" TYPE 2 N 187951.15 E 1195024.42	RIM = 354.05 IE = 348.29 (12" E) IE = 348.29 (12" W)
CB #6 TYPE 1 N 187828.47 E 1195230.32	RIM = 341.59 IE = 338.56 (12" N)
CB #7 48" TYPE 2 N 187947.53 E 1195232.39	RIM = 344.22 IE = 337.97 (12" E) IE = 337.97 (12" W) IE = 337.97 (12" S)
CB #8 TYPE 1 N 187945.62 E 1195293.47	RIM = 339.49 IE = 336.87 (12" E) IE = 336.87 (12" W)

STORM STRUCTURE TABLE	
STRUCTURE NAME	STRUCTURE DETAILS
CB #9 TYPE 1 N 187957.34 E 1195386.74	RIM = 330.89 IE = 327.09 (12" E) IE = 327.09 (12" W)
CB #10 TYPE 1 N 187979.86 E 1195450.97	RIM = 323.77 IE = 319.00 (12" W) IE = 319.00 (12" SE)
CB #11 6x12' STORMFILTER VAULT N 187954.37 E 1195462.54	RIM = 321.58 IE = 317.35 (12" NW) IE = 315.05 (12" S)
CB #12 48" TYPE 2 N 187944.37 E 1195462.37	RIM = 320.46 IE = 315.00 (12" N) IE = 315.00 (12" S) IE = 315.00 (12" E)
CB #13 48" TYPE 2 N 187751.26 E 1195467.01	RIM = 320.14 IE = 315.00 (12" N) IE = 315.00 (12" W) IE = 315.00 (12" E)
CB #14 48" TYPE 2 N 187750.93 E 1195486.00	RIM = 318.35 IE = 313.18 (12" W) IE = 313.18 (12" N) IE = 313.18 (12" E)
CB #15 48" TYPE 2 N 187750.60 E 1195505.00	RIM = 316.55 IE = 311.36 (12" W) IE = 311.36 (12" E) IE = 311.36 (12" N)
CB #16 TYPE 1 N 188020.08 E 1195592.43	RIM = 307.16 IE = 304.16 (12" E)

STORM STRUCTURE TABLE	
STRUCTURE NAME	STRUCTURE DETAILS
CB #17 TYPE 1 N 188018.67 E 1195578.66	RIM = 299.29 IE = 296.40 (12" W) IE = 296.40 (12" E)
CB #18 72" TYPE 2 STORMFILTER N 188019.13 E 1195762.33	RIM = 296.74 IE = 291.87 (12" E) IE = 293.67 (12" W)
CB #19 72" TYPE 2 W/SOLID LOCKING LID N 188018.91 E 1195776.13	RIM = 296.81 IE = 291.84 (36" NE) IE = 291.84 (36" S) IE = 291.84 (18" N) IE = 291.84 (12" W)
CB #20 60" TYPE 2 N 188054.43 E 1195844.40	RIM = 296.60 IE = 292.00 (36" SW) IE = 292.00 (36" E)
CB #21 TYPE 1 N 187869.44 E 1195938.34	RIM = 297.68 IE = 293.58 (12" S)
CB #22 TYPE 1 N 187759.42 E 1195933.92	RIM = 295.02 IE = 291.50 (12" S) IE = 291.50 (12" N)
CB #23 48" STORMFILTER MANHOLE N 187753.12 E 1195934.51	RIM = 294.90 IE = 291.47 (12" N) IE = 289.17 (12" SW)
CB #24 48" TYPE 2 N 187750.27 E 1195524.00	RIM = 314.83 IE = 309.54 (12" W) IE = 309.54 (12" N)

STORM STRUCTURE TABLE	
STRUCTURE NAME	STRUCTURE DETAILS
CO #1 CO N 187943.23 E 1195470.35	RIM = 320.19 IE = 315.00 (12" W) IE = 315.00 (12" S)
CO #2 CO N 187943.04 E 1195481.35	RIM = 318.50 IE = 313.18 (12" S) IE = 313.18 (12" E)
CO #3 CO N 187942.90 E 1195489.35	RIM = 318.34 IE = 313.18 (12" S) IE = 313.18 (12" W)
CO #4 CO N 187942.71 E 1195500.35	RIM = 316.66 IE = 311.36 (12" S) IE = 311.36 (12" E)
CO #5 CO N 187942.57 E 1195508.35	RIM = 316.50 IE = 311.36 (12" W) IE = 311.36 (12" S) IE = 311.36 (12" E)
CO #6 CO N 187752.40 E 1195459.03	RIM = 320.27 IE = 315.00 (12" N) IE = 315.00 (12" E)
CO #7 CO N 187752.07 E 1195478.02	RIM = 318.46 IE = 313.18 (12" N) IE = 313.18 (12" E) IE = 313.18 (12" W)
CO #8 CO N 187751.74 E 1195497.02	RIM = 316.66 IE = 311.36 (12" W) IE = 311.36 (12" E) IE = 311.36 (12" N)

STORM STRUCTURE TABLE	
STRUCTURE NAME	STRUCTURE DETAILS
CO #9 CO N 187751.41 E 1195516.02	RIM = 314.89 IE = 309.54 (12" W) IE = 309.54 (12" E) IE = 309.54 (12" N)
CO #10 CO N 187942.38 E 1195519.34	RIM = 314.72 IE = 309.54 (12" S) IE = 309.54 (12" E) IE = 309.54 (12" W)
CO #11 CO N 187942.24 E 1195527.34	RIM = 314.56 IE = 309.54 (12" W) IE = 309.54 (12" S)



ROAD A CROSS SECTION 1
SCALE: H:1"=50'-, V:1"=5'

Designed by: QF Drawn by: TS Checked by: MW

Sheet No.

C1.1

3 of 10 Sheets