



King County

Department of Permitting  
and Environmental Review

Residential Site Plan Template

Ref: KCC 21a.12.030

Max. Impervious Surface Allowed \_\_\_\_\_

Max. Bldg. Height Allowed \_\_\_\_\_

Ref: KCC 21a.12.170

Min. Blg. Setback From Street \_\_\_\_\_

Min. Garage Setback From Street \_\_\_\_\_

Min. Blg. Setback From Interior \_\_\_\_\_

Permit Center validation:

- ☐ Zoning
- ☐ Site Review Not Applicable

Validated Signature \_\_\_\_\_

Login Initials \_\_\_\_\_ Date: \_\_\_\_\_

Engineering / Drainage Approval

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

KING COUNTY DEPARTMENT OF LOCAL SERVICES PERMITTING DIVISION

**CRITICAL AREAS REVIEW**

**APPROVED**

By:  Date: **07/21/2021**

Ryan Scheffler, PE, Engineer II

Clearing / Grading Approval

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Fire Approval

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**CONST KEY NOTES**  
SEE SHEET 2

820  
PRIMARY  
SEPTIC FIELD  
LOCATION

PARCEL NO.  
042107-9187

30 LF DISPERSION TRENCH (53)  
FULLY DISPERSED-100' FLOWPATH

SEE TABLE ABOVE FOR SIZING -  
SERVES 2,815 SF ROOF -  
SEE DETAILS ON SHEET 3 -

EX CLEARED  
AREA/ DIRT  
DRIVEWAY

12" SD

GRAVEL  
DRIVEWAY

DRAINAGE SWALE  
TYP. AROUND HOUSE

SWEET HOUSE  
BSMT=831.0  
FF=840.0  
ROOF AREA=2,815 SF

PLANTER

(20) 4" SD

**CONST KEY NOTES**  
SEE SHEET 2

(40) TYPE 40 CB

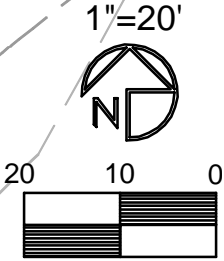
6" SD



CAT. II CARA  
NO CRITICAL AREA

FULL Dispersion Length Sizing Calculator			
Max tributary Area (sf)	2,815	SF	Roof area tributary to dispersion
50 LF / 5000 sf Unit Length Requirement	0.01		
Required minimum Length=	28	LF	Length based on 5000 sf/50 LF (full dispersion sizing). See plan for final length.

FULL BOUNDARY  
SEE SHEET 5

STORM SITE PLAN



<div><div>King County</div><div>Department of Permitting and Environmental Review</div></div> <div>Residential Site Plan Template</div> <div><div>Ref: KCC 21a.12.030</div><div>Max. Impervious Surface Allowed _____</div><div>Max. Bldg. Height Allowed _____</div><div>Ref: KCC 21a.12.170</div><div>Min. Blg. Setback From Street _____</div><div>Min. Garage Setback From Street _____</div><div>Min. Blg. Setback From Interior _____</div><div>Permit Center validation:<div><div><div></div>Zoning</div><div><div></div>Site Review Not Applicable</div></div></div><div>Validated Signature _____</div><div>Login Initials _____ Date: _____</div></div> <div>Engineering / Drainage Approval</div> <div><div>Signature: _____</div><div>Date: _____</div></div> <div><div>KING COUNTY DEPARTMENT OF LOCAL SERVICES PERMITTING DIVISION</div><div>CRITICAL AREAS REVIEW</div><div>APPROVED</div><div><div>By: </div><div>Date: 07/21/2021</div></div><div><div>Ryan Scheffler, PE, Engineer II</div></div></div> <div>Clearing / Grading Approval</div> <div><div>Signature: _____</div><div>Date: _____</div></div> <div>Fire Approval</div> <div><div>Signature: _____</div><div>Date: _____</div></div>	<div>FLOW CONTROL NOTES</div> <div><div>51</div>-</div> <div><div>52</div>-</div> <div><div>53</div>DISPERSION TRENCH (FULL DISPERSION) WITH LEVEL SPREADER PER APPENDIX C, 2.1.5. SEE SIZING CALCULATOR ON SHEET 1. SEE DETAILS ON SHEET 3. ENSURE 100 LF VEGETATED FLOWPATH DOES NOT ENCROACH ON SEPTIC DRAINFIELD.</div> <div><div>58</div>-</div>
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DRAINAGE CONST NOTES

20

4" STORM DRAIN (3034 PVC) @ MIN 1%

22

-

30

-

35

-

36

-

40

PRIVATE CATCH BASIN

APPLICANT

GEOFFREY AND JULIE SWEET  
27805 217TH AVENUE SE  
MAPLE VALLEY, WA 98038PLAN PREPARED BY:  
DUFFY ELLIS, PE  
102 NW CANAL STREET  
SEATTLE, WA 98107  
(206) 930-0342



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Engineering / Drainage Approval

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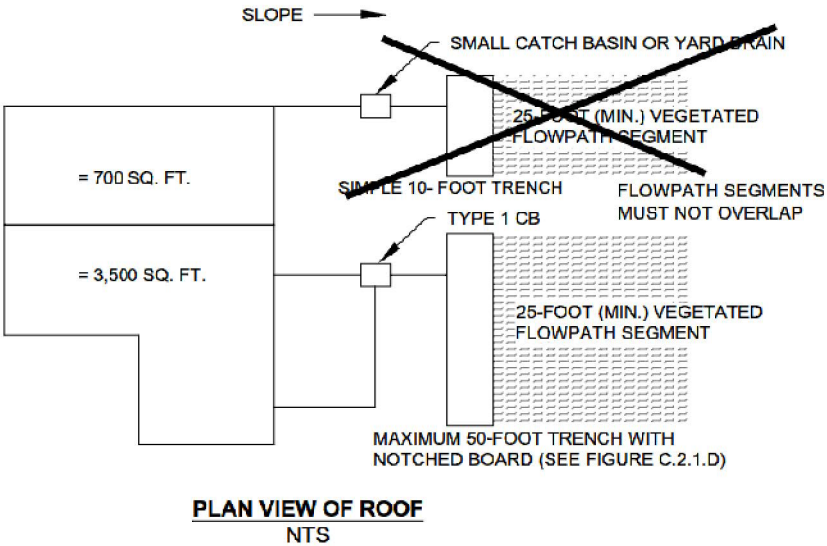
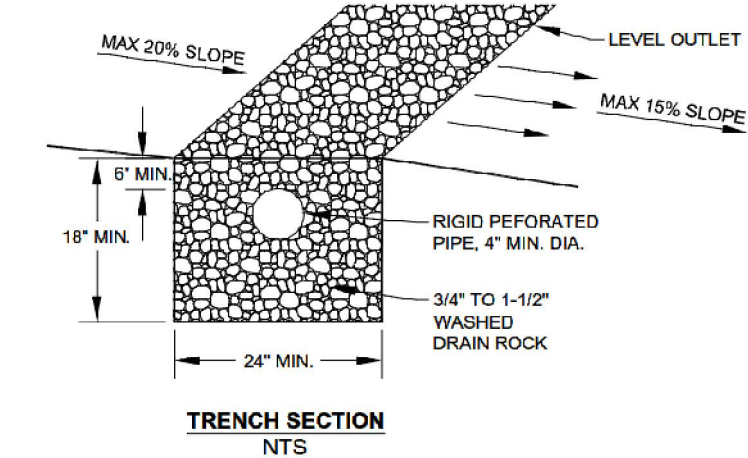
Signature: \_\_\_\_\_

Date: \_\_\_\_\_

DISPERSION TRENCH SOURCE: KING COUNTY

LEVEL SPREADER REQUIRED

FIGURE C.2.4.B TYPICAL GRAVEL-FILLED DISPERSION TRENCH FOR BASIC DISPERSION



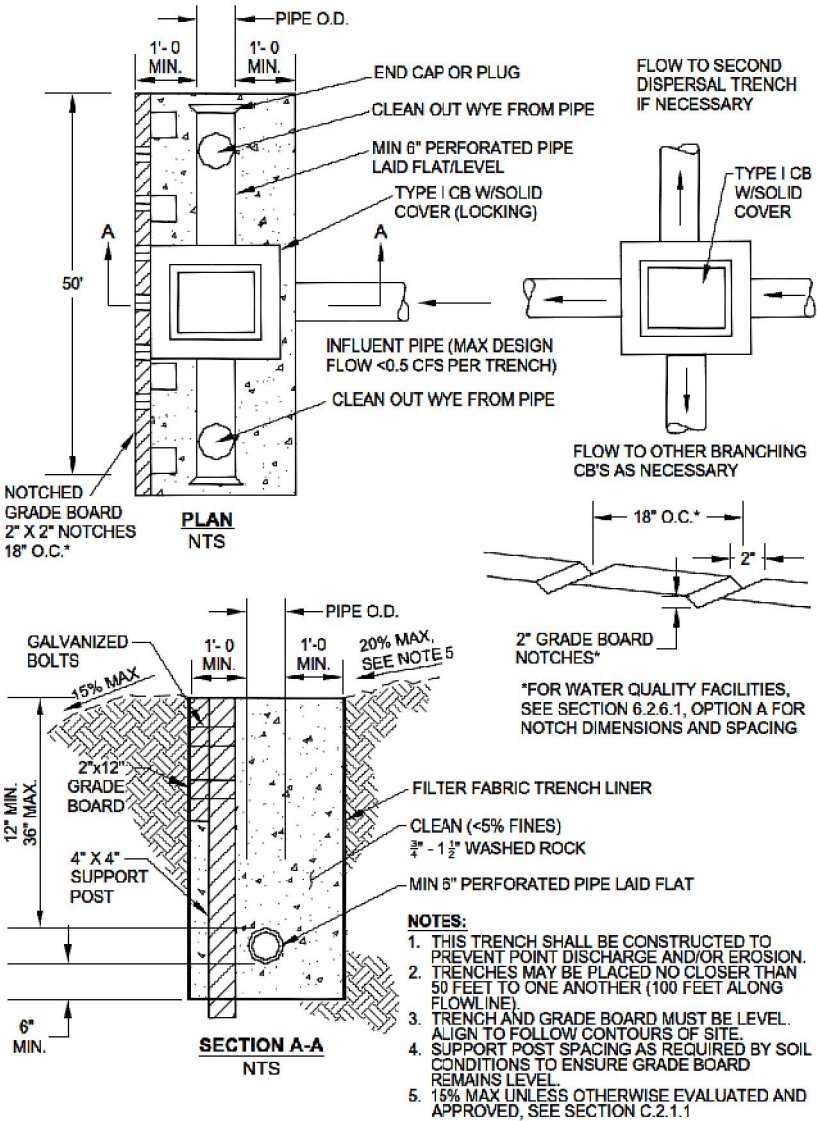
2016 Surface Water Design Manual – Appendix C

C-67

4/24/2016

DISPERSION TRENCH SOURCE: KING COUNTY

FIGURE C.2.1.D 50-FOOT DISPERSION TRENCH WITH NOTCHED BOARD



4/24/2016

C-42

2016 Surface Water Design Manual – Appendix C

DETAIL SHEET



King County

Department of Permitting  
and Environmental Review

Residential TESC Template

RECOMMENDED CONSTRUCTION SEQUENCE

1. Hold the pre-construction meeting, if required
2. Post sign with name and phone number of TESC supervisor (may be consolidated with the required notice of construction sign).
3. Flag or fence clearing limits.
4. Install catch basin protection, if required.
5. Grade and install construction entrance(s)
6. Install perimeter protection (silt fence, brush barrier, etc.).
7. Construct sediment pond and traps, if required.
8. Grade and stabilize construction roads.
9. Construct surface water controls (interceptor dikes, pipe slope drains, etc.) simultaneously with clearing and grading for project development.
10. Mainatain erosion control measures in accordance with King County standards and manufacture's recommendations.
11. Relocate erosion control measure, or install new measures so that as site conditions change, the erosion and sediment control is always in accordance with the King County Erosion and Sedimentation Control Standards.
12. Cover all areas that will be unworked for more than seven days during the dry season or two days during the wet season with straw, wood fiber mulch, compost, plastic sheeting, or equivalent.
13. Stabilize all areas within seven days of reaching final grade.
14. Seed, sod, stabilize, or cover any areas to remain unworked for more than 30 days.
15. Upon completion of the project, stabilize all disturbed areas and remove BMP's if appropriate.

Engineering / Drainage Approval

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Clearing / Grading Approval

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

APPLICANT  
GEOFFREY AND JULIE SWEET

PLAN PREPARED BY: DUFFY ELLIS, PE  
CIVIL ENGINEERING SOLUTIONS

CE

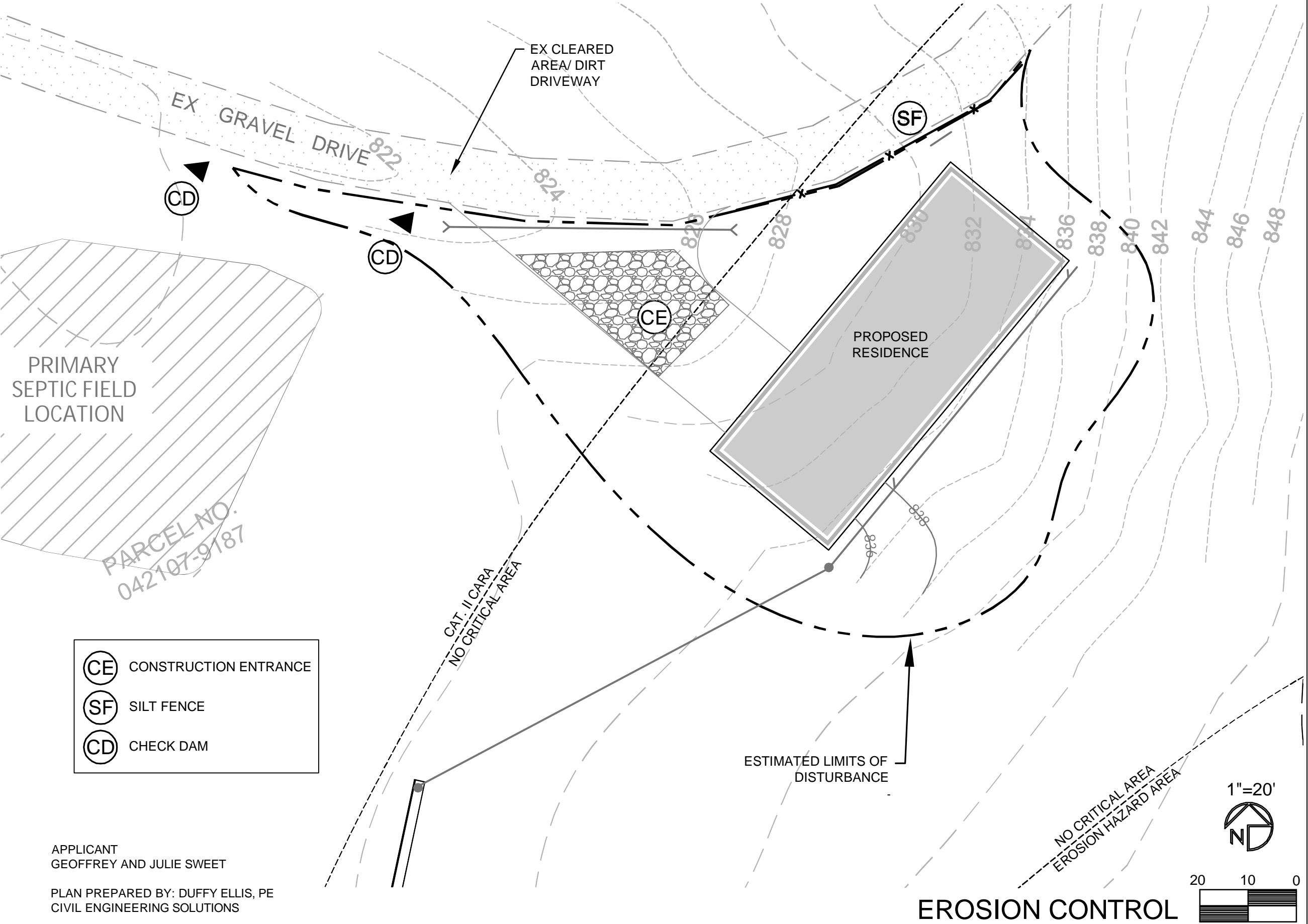
CONSTRUCTION ENTRANCE

SF

SILT FENCE

CD

CHECK DAM



Permit Number: DWEL21-0051

Parcel Number: 042107-9187

Applicant Name: GEOFFREY AND JULIE SWEET

Site Address: 29120 310th AVENUE SE  
RAVENSDALE, WA 98051

Engineering  
Scale: 1" = 20'

Sheet 4 of \_\_\_\_\_





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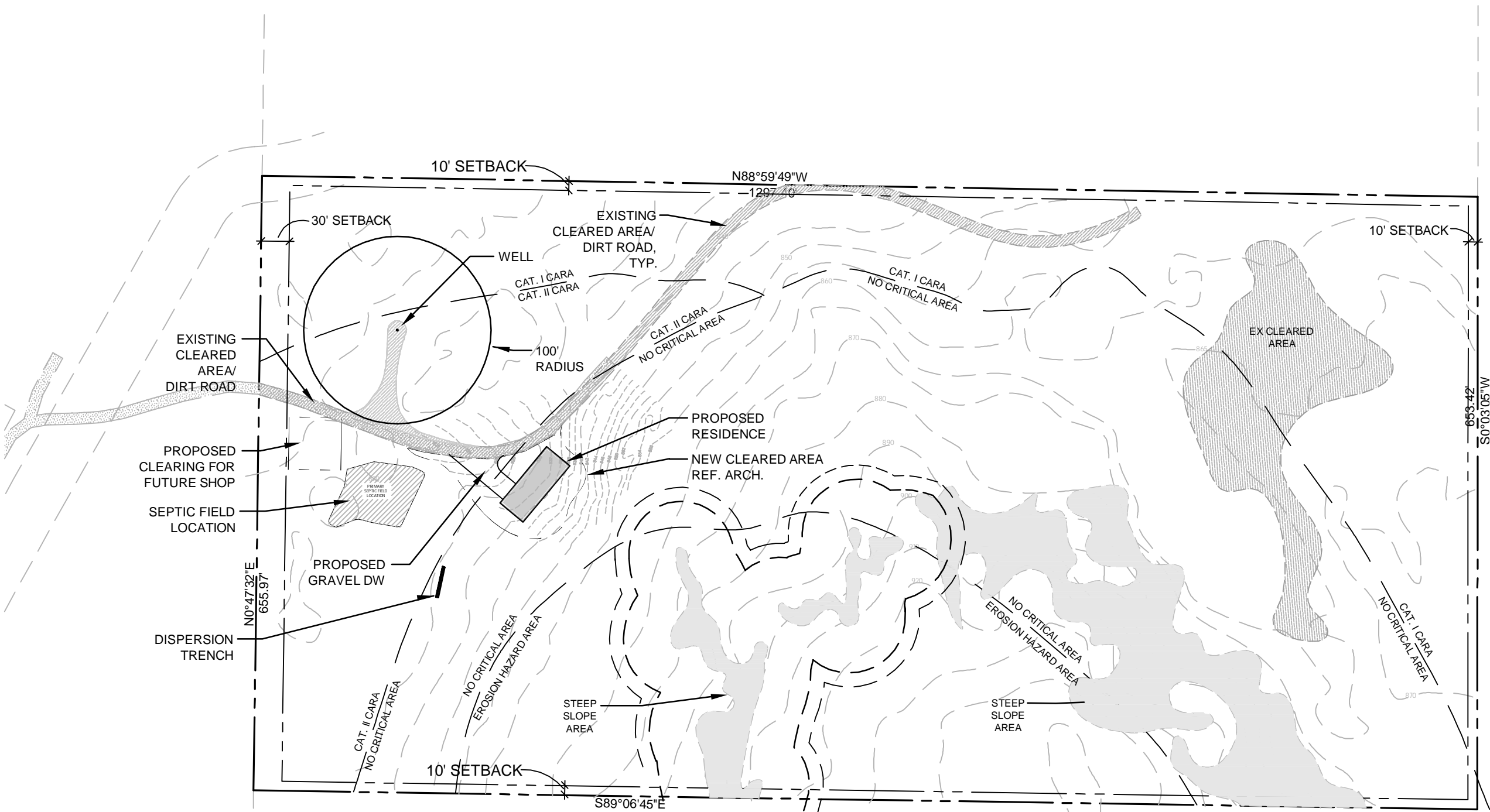
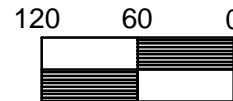
## Fire Approval

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

APPLICANT  
GEOFFREY AND JULIE SWEET

PLAN PREPARED BY: DUFFY ELLIS, PE  
CIVIL ENGINEERING SOLUTIONS


$$1'' = 120'$$


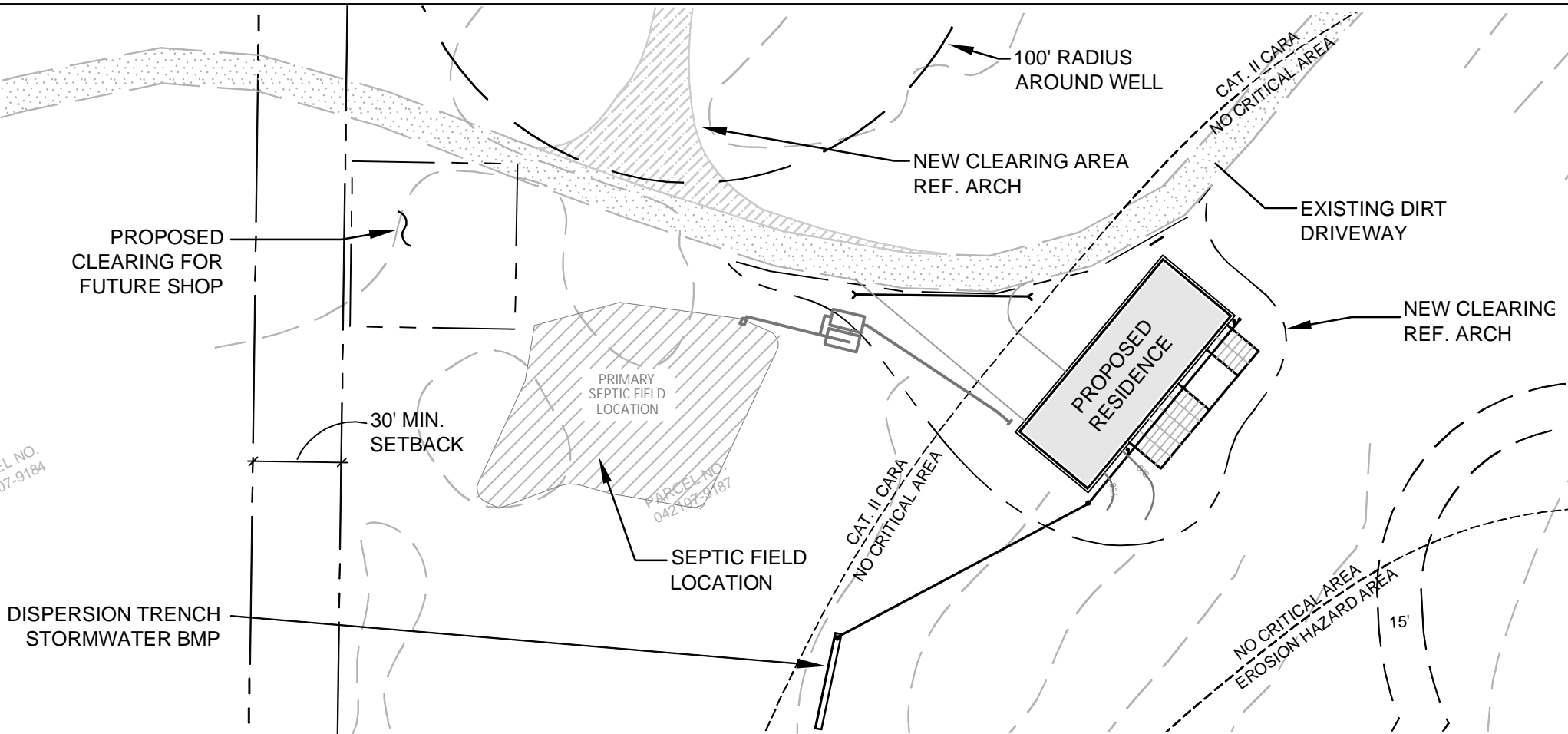
# FULL BOUNDARY SITE PLAN

Permit Number: DWEL21-0051 Parcel Number: 042107-9187 Applicant Name: GEOFFREY AND JULIE SWEET Site Address: 29120 310th Ave SE

Engineering  
Scale: 1" = 120'

Sheet 5 of

Exhibit - A Drainage Plan



LEGAL DESCRIPTION

PARCEL D, KING COUNTY BOUNDARY LINE ADJUSTMENT, RECORDED NOVEMBER 25, 1996, UNDER RECORDING NUMBER 9611259005, BEING THE SOUTH HALF OF GOVERNMENT LOT 6, SECTION 4, TOWNSHIP 21 NORTH, RANGE 7 EAST, W.M., IN KING COUNTY, WASHINGTON;

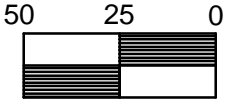
SITUATE IN THE COUNTY OF KING, STATE OF WASHINGTON.

APPLICANTS

GEOFFREY AND JULIE SWEET

SITE INFORMATION

APN 042107-9187  
29120 310TH AVENUE SE  
RAVENSDALE, WA 98051



1"=50'

PLAN PREPARED BY DUFFY ELLIS, P.E.

Permit Number: \_\_\_\_\_

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_