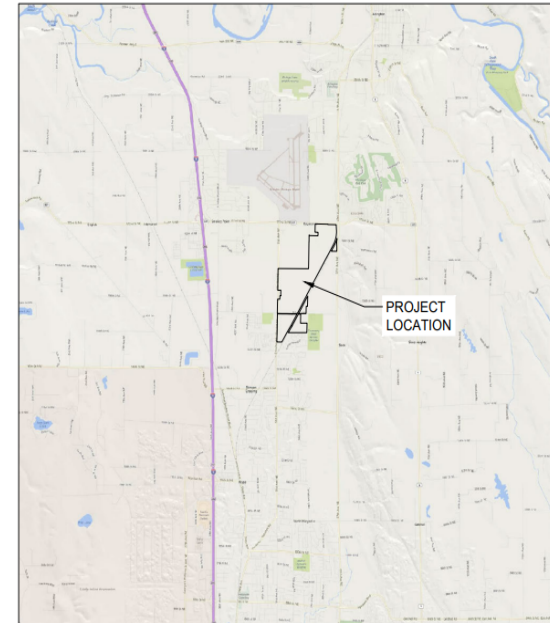
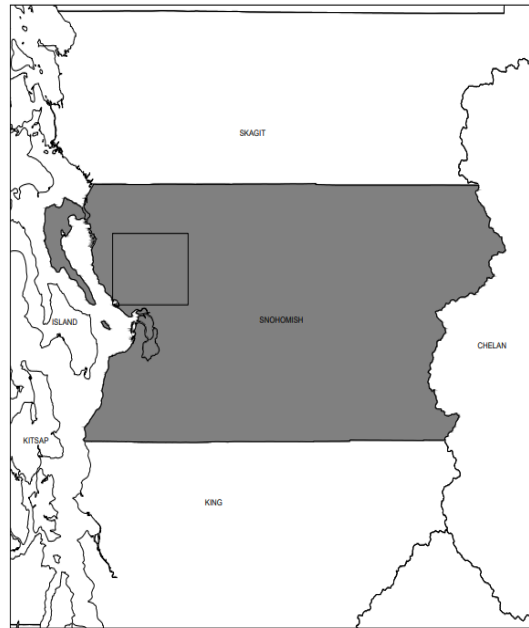
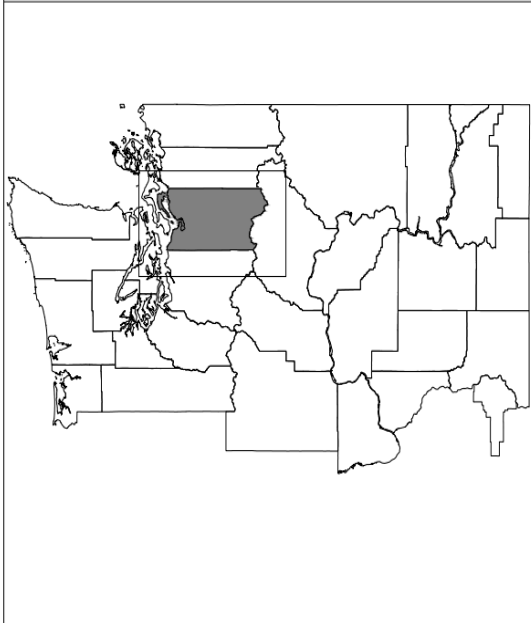


# 100% DESIGN PLAN SET EDGECOMB CREEK RESTORATION

ARLINGTON  
SNOHOMISH COUNTY, WA  
05/19/2021

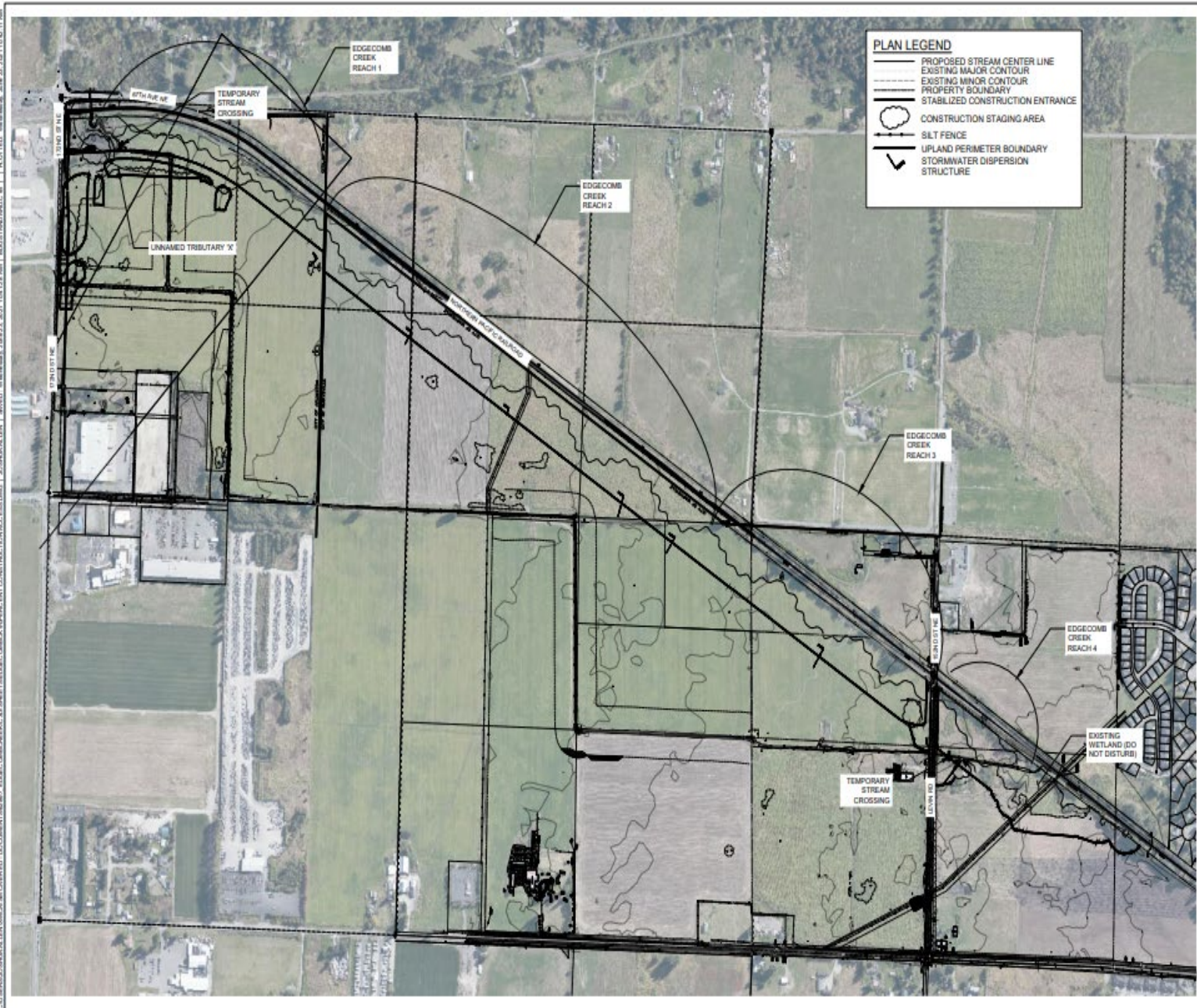


SHEET #	SHEET	SHEET #	SHEET
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2	GENERAL NOTES	27	UNKNOWN TRIB X PP - (3)
3	QUANTITIES	28	UNKNOWN TRIB X PP - (4)
4	EXISTING CONDITION OVERVIEW	29	CROSS SECTIONS OVERVIEW
5	PROPOSED GROUND OVERVIEW	30	REACH 1 SECTIONS -(1)
6	CONSTRUCTION OVERVIEW	31	REACH 1 SECTIONS -(2)
7	REACH 1 PLAN AND PROFILE - (1)	32	REACH 2 SECTIONS -(1)
8	REACH 1 PLAN AND PROFILE - (2)	33	REACH 2 SECTIONS -(2)
9	REACH 1 PLAN AND PROFILE - (3)	34	REACH 2 SECTIONS -(3)
10	REACH 1 PLAN AND PROFILE - (4)	35	REACH 3 SECTIONS -(1)
11	REACH 2 PLAN AND PROFILE - (1)	36	REACH 3 SECTIONS -(2)
12	REACH 2 PLAN AND PROFILE - (2)	37	REACH 4 SECTIONS -(1)
13	REACH 2 PLAN AND PROFILE - (3)	38	REACH 4 SECTIONS -(2)
14	REACH 2 PLAN AND PROFILE - (4)	39	DETAILS - TYPICAL XS EDGECOMB
15	REACH 2 PLAN AND PROFILE - (5)	40	DETAILS - TYPICAL XS UT X
16	REACH 2 PLAN AND PROFILE - (6)	41	DETAILS - BRUSH AND ROLL RIFFLE
17	REACH 2 PLAN AND PROFILE - (7)	42	DETAILS - ROCK AND ROLL RIFFLE
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19	REACH 3 PLAN AND PROFILE - (1)	44	DETAILS - LOG VANE
20	REACH 3 PLAN AND PROFILE - (2)	45	DETAILS - ROUGHENED LOG TOE
21	REACH 3 PLAN AND PROFILE - (3)	46	DETAILS - SPANNER LOG
22	REACH 3 PLAN AND PROFILE - (4)	47	DETAILS - FLOODPLAIN DEPRESSION
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24	REACH 4 PLAN AND PROFILE - (2)	49	DETAILS - SWPPP (1)
25	UNKNOWN TRIB X PP - (1)	50	DETAILS - SWPPP (2)
		51	DETAILS - FLOOD TERRACE WOODY DEBRIS



Digitally signed on 6/23/2021

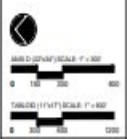
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**PLAN LEGEND**

- PROPOSED STREAM CENTER LINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPERTY BOUNDARY
- STABILIZED CONSTRUCTION ENTRANCE
- CONSTRUCTION STAGING AREA
- █ SILT FENCE
- █ UPLAND PERIMETER BOUNDARY
- █ STORMWATER DISPERSION STRUCTURE

Prepared by  
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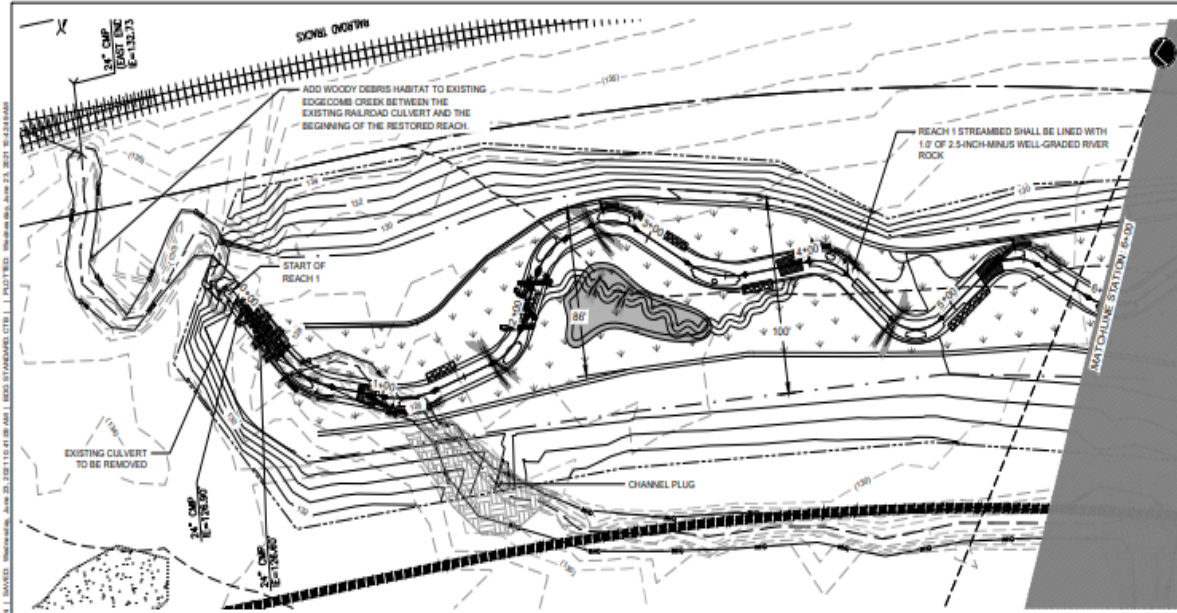
Project No.:  
**EDGECOMB CREEK  
 100% DESIGN**

Sheet No.:  
**OVERVIEW  
 CONSTRUCTION**

Date:	10/16/17
Drawn By:	all divisions
Checked By:	all
File #:	all

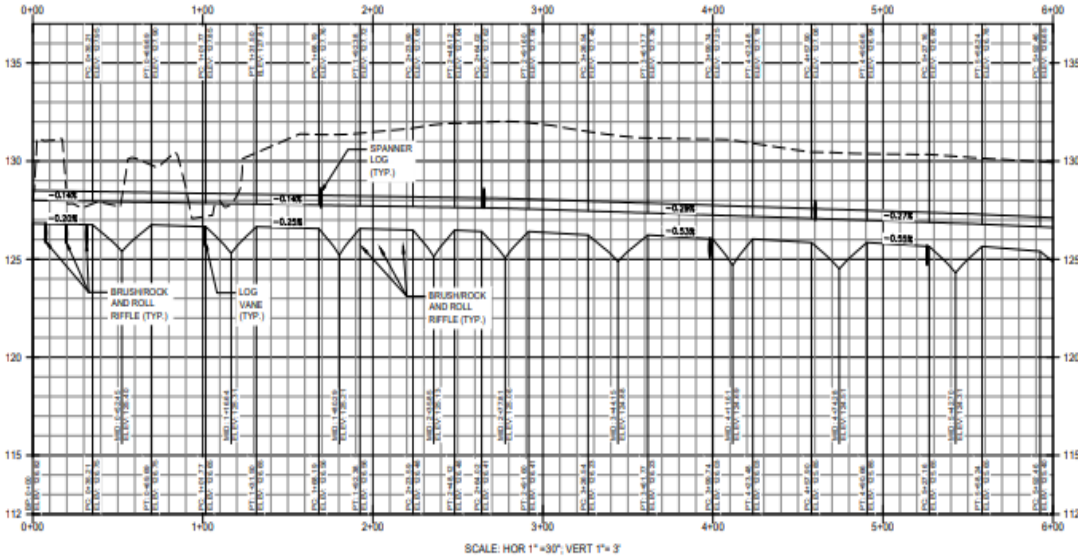
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12/01/13	JLD	20% REVISIONS
05/09/14	JLD	30% DESIGN
07/08/14	JLD	40% REVISIONS
09/16/14	JLD	50% DESIGN
09/17/14	JLD	60% DESIGN





- PLAN LEGEND**
- PROPOSED STREAM CENTER LINE
  - PROPOSED CHANNEL TOB
  - - - EXISTING MAJOR CONTOUR
  - - - EXISTING MINOR CONTOUR
  - - - PROPOSED MAJOR CONTOUR
  - - - PROPOSED MINOR CONTOUR
  - LIMIT OF DISTURBANCE
  - PROPOSED FLOOD TERRACE TOE/TOP
  - PROPOSED FLOODPLAIN TOE
  - EXISTING CONTOUR ELEVATION
  - FLOODPLAIN DEPRESSION
  - BRUSH AND ROLL RIFFLE
  - ROCK AND ROLL RIFFLE
  - FASCINE TOE PROTECTION
  - LOG VANE
  - SPANNER LOG
  - ROUGHENED TOE LOG
  - DENDRITE CHANNEL
  - WETLAND AREA
  - UPLAND PERIMETER BOUNDARY
  - STORMWATER DISPERSION STRUCTURE
- PROFILE LEGEND**
- PROPOSED STREAM THALWEG
  - PROPOSED CHANNEL TOB
  - - - EXISTING GROUND
  - FLOOD TERRACE TOP/FLOODPLAIN TOE

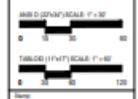
NOTE:  
WOODY DEBRIS HABITAT SHALL BE  
RANDOMLY PLACED THROUGHOUT  
THE BANKFULL CHANNEL AS SHOWN IN  
THE DETAIL ON SHEET 51.



SCALE: HOR 1"=30', VERT 1"=3'

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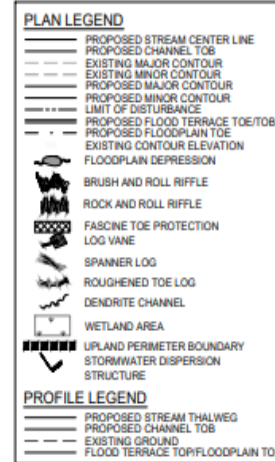
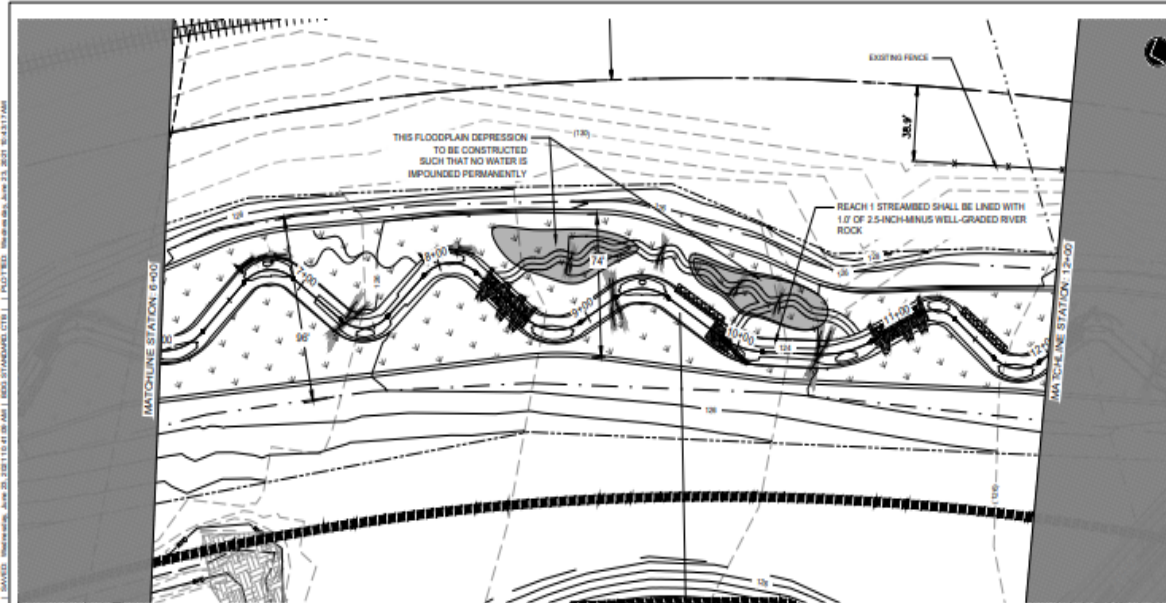


EDGECOMB CREEK  
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PLAN AND PROFILE  
REACH 1 - (1)

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Scale	AS SHOWN	
Drawn by	JL	
Checked by	SA	
File #		
NO RECORD		
Date	By	Issue
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07/01/21	JL	REV PERMITS
09/09/21	JL	REV PERMITS
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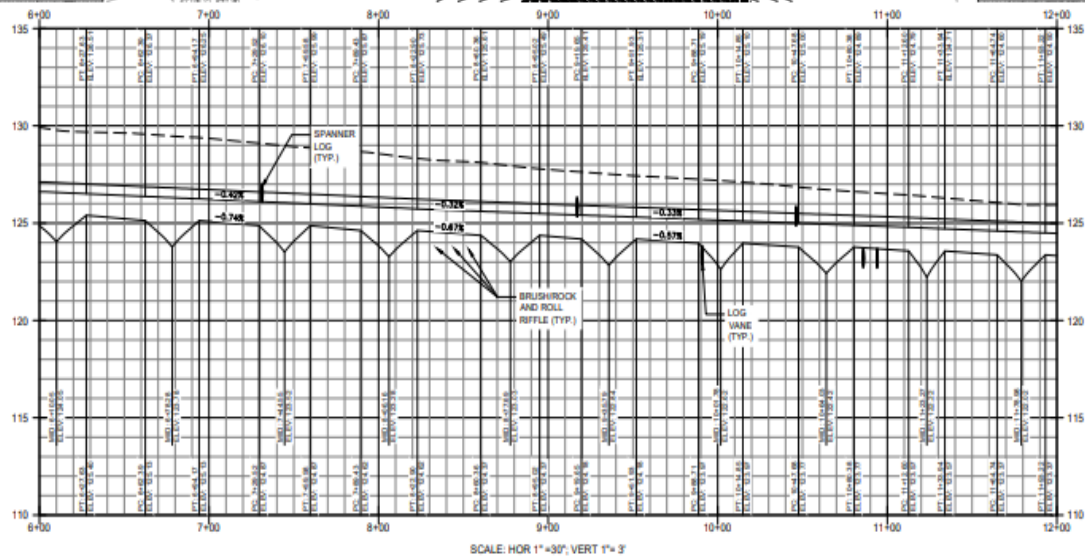


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 Asheville, NC 28806  
 828.233.4444

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NOTE:  
 WOODY DEBRIS HABITAT SHALL BE  
 RANDOMLY PLACED THROUGHOUT  
 THE BANKFULL CHANNEL AS SHOWN IN  
 THE DETAIL ON SHEET S1.



SCALE: HOR 1" = 30', VERT 1" = 3'



EDGECOMB CREEK  
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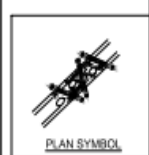
Plan and PROFILE  
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10/15/21	JLW	JLW
10/15/21	JLW	JLW
10/15/21	JLW	JLW

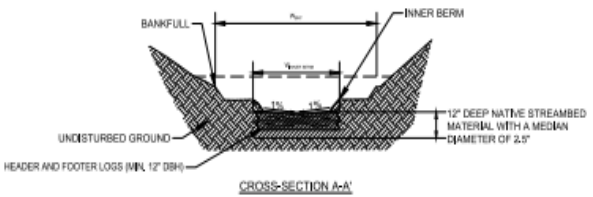
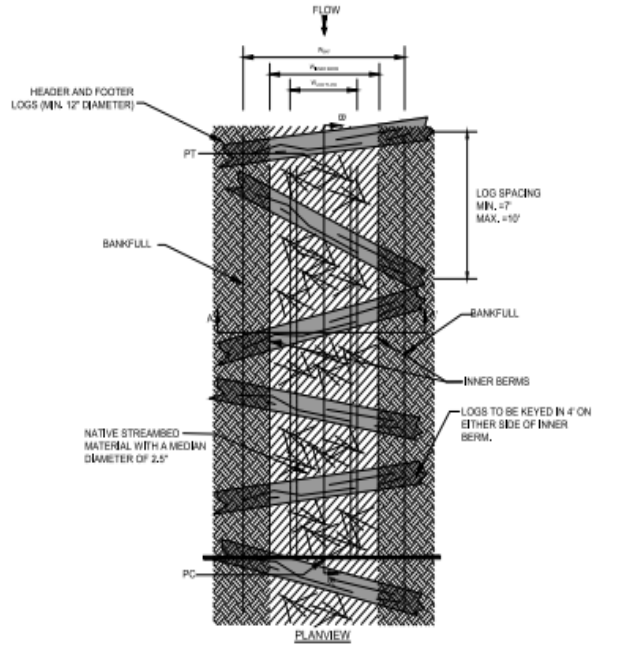
  

Date	By	Reason
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10/15/21	JLW	REVISED
10/15/21	JLW	REVISED
10/15/21	JLW	REVISED





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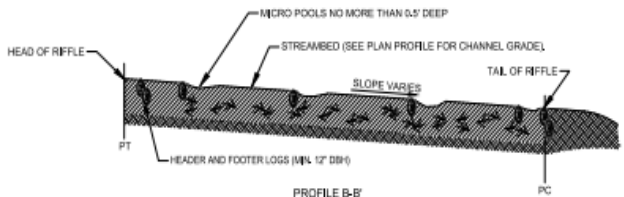


**DETAIL - BRUSH AND ROLL RIFFLE**  
NOT TO SCALE



**NOTES:**

- LOGS SHALL HAVE MIN. DIAMETER OF 12", AND A MINIMUM LENGTH OF 13'.
- ALL LOGS SHALL BE RELATIVELY STRAIGHT AND LIMBS SHALL BE TRIMMED FLUSH.
- THE LOGS AT THE UPSTREAM AND DOWNSTREAM END OF THE STRUCTURE WILL BE UNDERLAIN BY A FOOTER LOG (SOMETIMES CALLED A BACKER LOG) UNLESS OTHERWISE DIRECTED BY ENGINEER. THE HEADER LOG IS THE TOP LOG USED IN EACH PAIR, WHEN FINISHED, THE HEADER LOG IS VISIBLE ONLY BETWEEN THE INNER BERMS. THE HEADER LOG SHALL BE INSTALLED BEFORE THE FOOTER LOG. THE HEADER LOG DOES NOT REST ON THE TOP OF THE FOOTER LOG. THE FOOTER LOG IS INSTALLED FROM THE UPSTREAM SIDE AND INSTALLED AGAINST THE LOWER HALF OF THE HEADER LOG RESULTING IN A STAGGER WITH THE HEADER LOG BEING SLIGHTLY MORE DOWNSTREAM THAN THE FOOTER LOG.
- THE OTHER LOGS IN THE STRUCTURE ARE SINGLE LOGS WITH NO FOOTER LOG.
- SET INVERTS AT ELEVATIONS SHOWN ON THE PLAN AND PROFILE SHEETS. THE ELEVATIONS OF THE LOGS COMPRISING THE LOG CONSTRUCTED RIFFLE SHALL NOT VARY FROM THE PLAN UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- THE MOST UPSTREAM LOG SHALL BE PLACED SUCH THAT THE BANK TIE-INS ON THE SAME SIDE AS THE NEXT UPSTREAM OUTSIDE BEND IN ORDER TO SERVE AS A VANE AND HELP DIRECT STREAM FLOW AWAY FROM THE PREVIOUS OUTSIDE BEND.
- THE MOST DOWNSTREAM LOG SHALL BE PLACED SUCH THAT THE HIGH POINT IS ON THE SAME SIDE AS THE NEXT DOWNSTREAM OUTSIDE BEND IN ORDER TO HELP DIRECT STREAM FLOW AWAY FROM THE NEXT OUTSIDE BEND.
- ALL GAPS/VOIDS LARGER THAN 1" BETWEEN THE HEADER AND FOOTER LOGS SHALL BE AUGMENTED WITH ADDITIONAL PLACEMENT OF SMALL WOODY DEBRIS ON THE UPSTREAM SIDE, TO INCREASE HABITAT COMPLEXITY AND STABILITY.
- BACKFILL MATERIAL SHALL BE PLACED UPSTREAM OF EACH LOG SUCH THAT FUTURE SETTLEMENT OF THE MATERIAL WILL BE MINIMAL.
- THE SURFACE OF THIS STRUCTURE SHALL BE FINISHED TO A SMOOTH AND COMPACT SURFACE IN ACCORDANCE WITH THE LINES, GRADES, AND CROSS-SECTIONS OR ELEVATIONS SHOWN ON THE DRAWINGS. THE DEGREE OF FINISH FOR INVERT ELEVATIONS SHALL BE WITHIN 0.1' OF THE GRADES AND ELEVATIONS INDICATED, PROVIDED ANY HEIGHT DOES NOT EXCEED MAX. ALLOWABLE DROP OF 0.1' OVER ANY ONE LOG.
- LOGS WILL CREATE MICRO POOLS THAT ARE NO MORE THAN 0.5' DEEP FOR ENERGY DISSIPATION.
- DRESSING OF CHANNEL AND BANKFULL BENCH/FLOODPLAIN WILL LIKELY BE REQUIRED FOLLOWING INSTALLATION OF IN-STREAM STRUCTURES.
- LOGS AND WOODY MATERIALS SHALL BE HARVESTED FROM PACIFIC NORTHWEST TREE SPECIES SUCH AS DOUGLAS FIR, WESTERN RED CEDAR, OR AN ENGINEER-APPROVED ALTERNATIVE.



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 919-542-1800



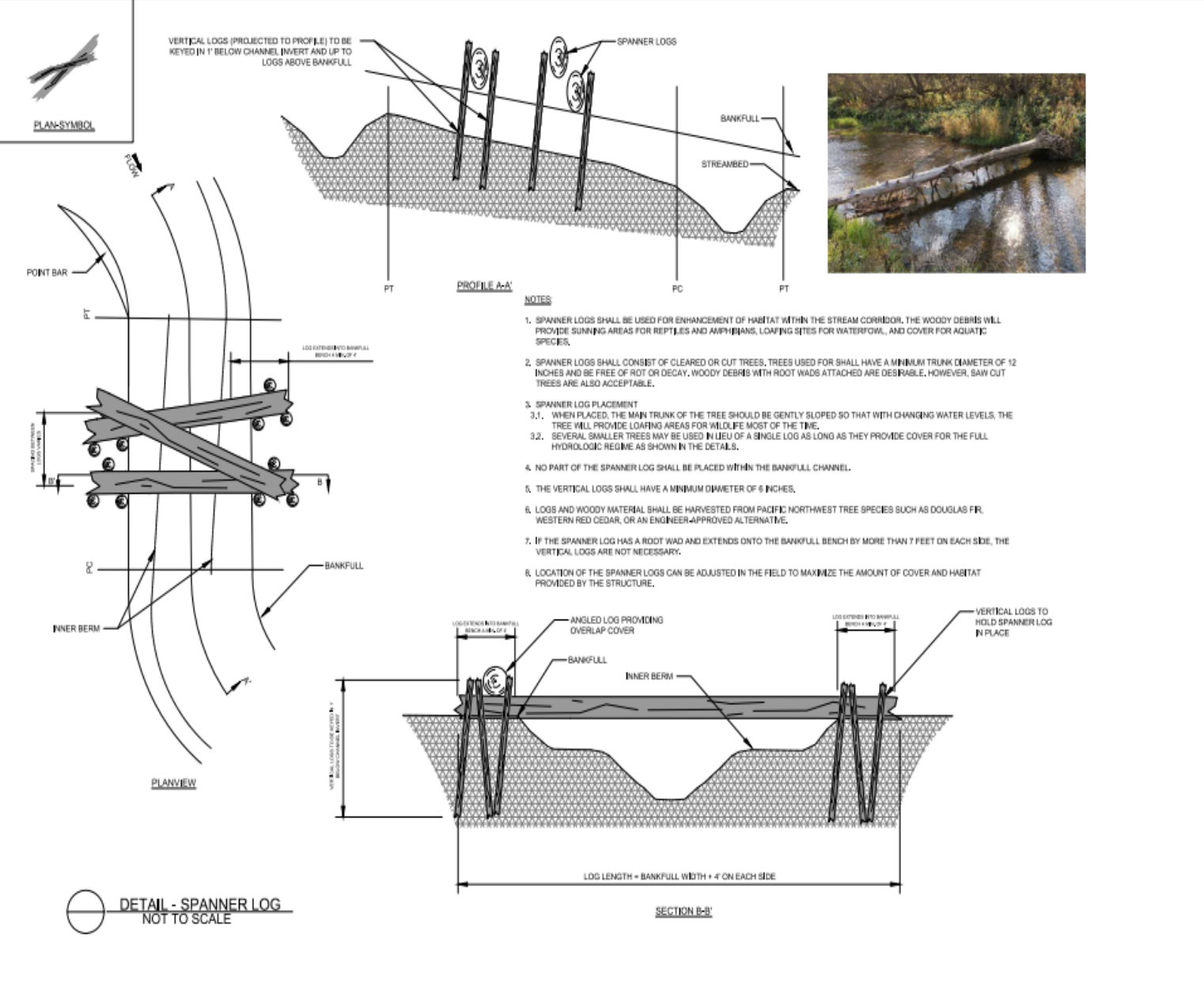
Project Title:  
**EDGECOMB CREEK  
 100% DESIGN**

Detail Title:  
**DETAILS -  
 BRUSH AND ROLL  
 RIFFLE**

Date:		
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Drawn by:	JJC	
Checked by:	JJC	
Plot #: 1		
Revisions:		
Date	By	Reason
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05/29/2018	JJC	024-30320A
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- NOTES**
1. SPANNER LOGS SHALL BE USED FOR ENHANCEMENT OF HABITAT WITHIN THE STREAM CORRIDOR, THE WOODY DEBRIS WILL PROVIDE SUNNING AREAS FOR REPTILES AND AMPHIBIANS, LOAFING SITES FOR WATERFOWL, AND COVER FOR AQUATIC SPECIES.
  2. SPANNER LOGS SHALL CONSIST OF CLEARED OR CUT TREES. TREES USED FOR SHALL HAVE A MINIMUM TRUNK DIAMETER OF 12 INCHES AND BE FREE OF ROT OR DECAY. WOODY DEBRIS WITH ROOT WADS ATTACHED ARE DESIRABLE, HOWEVER, SAW CUT TREES ARE ALSO ACCEPTABLE.
  3. SPANNER LOG PLACEMENT
    - 3.1. WHEN PLACED, THE MAIN TRUNK OF THE TREE SHOULD BE GENTLY SLOPED SO THAT WITH CHANGING WATER LEVELS, THE TREE WILL PROVIDE LOAFING AREAS FOR WILDLIFE MOST OF THE TIME.
    - 3.2. SEVERAL SMALLER TREES MAY BE USED IN LIEU OF A SINGLE LOG AS LONG AS THEY PROVIDE COVER FOR THE FULL HYDROLOGIC REGIME AS SHOWN IN THE DETAILS.
  4. NO PART OF THE SPANNER LOG SHALL BE PLACED WITHIN THE BANKFULL CHANNEL.
  5. THE VERTICAL LOGS SHALL HAVE A MINIMUM DIAMETER OF 6 INCHES.
  6. LOGS AND WOODY MATERIAL SHALL BE HARVESTED FROM PACIFIC NORTHWEST TREE SPECIES SUCH AS DOUGLAS FIR, WESTERN RED CEDAR, OR AN ENGINEER-APPROVED ALTERNATIVE.
  7. IF THE SPANNER LOG HAS A ROOT WAD AND EXTENDS ONTO THE BANKFULL BENCH BY MORE THAN 7 FEET ON EACH SIDE, THE VERTICAL LOGS ARE NOT NECESSARY.
  8. LOCATION OF THE SPANNER LOGS CAN BE ADJUSTED IN THE FIELD TO MAXIMIZE THE AMOUNT OF COVER AND HABITAT PROVIDED BY THE STRUCTURE.

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 Mooresville, NC 28115  
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**NorthPoint**  
 DEVELOPMENT

**EDGECOMB CREEK**  
 100% DESIGN

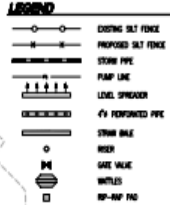
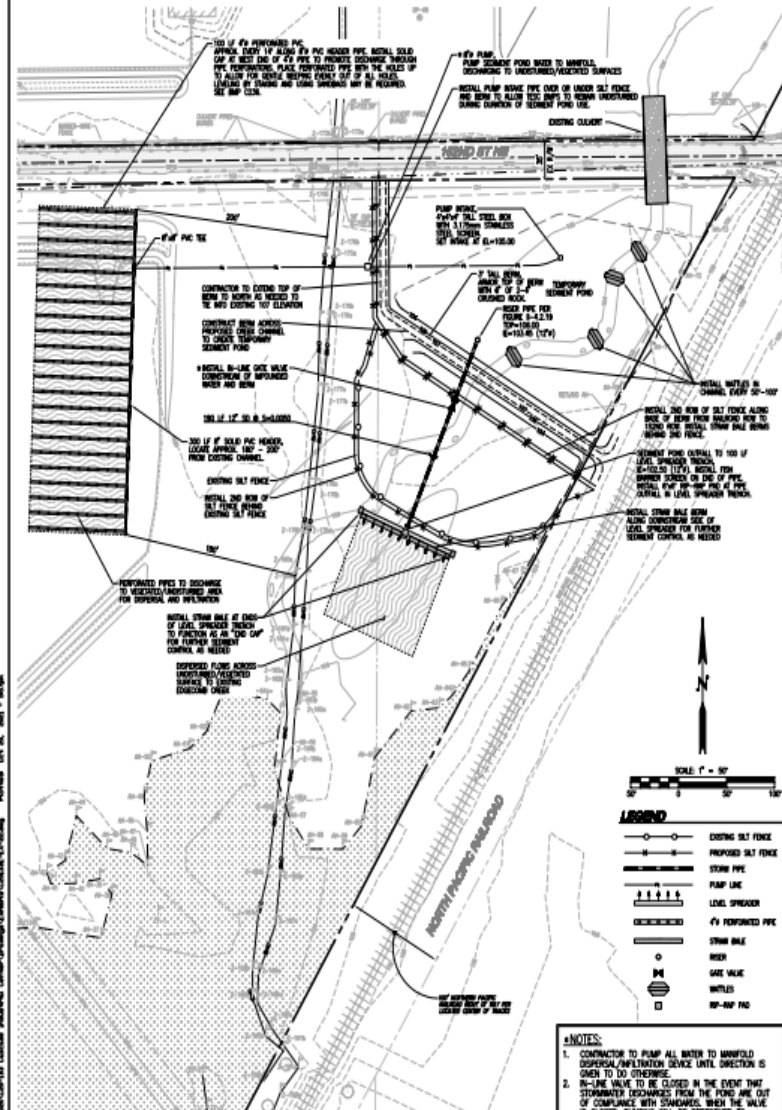
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05/20/10	JIA	003
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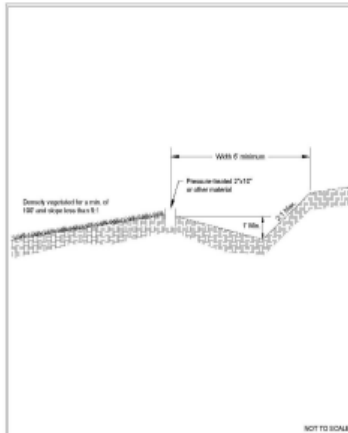
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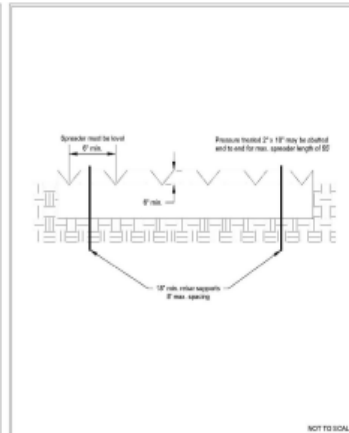
SEC 27, T2N 31 N, R2E 8 E, W4M, CITY OF MARYSVILLE, SNOHOMISH COUNTY, WASHINGTON



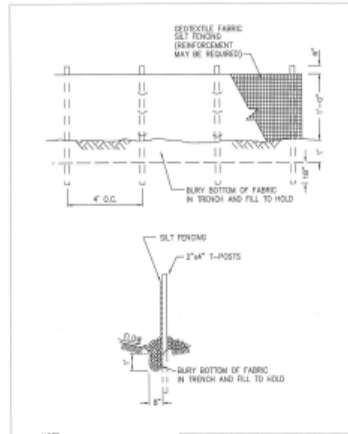
- #NOTES:**
- CONTRACTOR TO PUMP ALL WATER TO MANFOLD DISPERSAL/INFILTRATION DEVICE UNTIL DIRECTION IS GIVEN TO DO OTHERWISE.
  - IN-LINE VALVE TO BE CLOSED IN THE EVENT THAT STORMWATER DISCHARGES FROM THE POND ARE OUT OF COMPLIANCE WITH STANDARDS. WHEN THE VALVE IS CLOSED, PUMPING WILL BE PERFORMED TO UPLAND DISCHARGE LOCATIONS FOR DISPERSAL/INFILTRATION ACROSS VEGETATED SURFACES, OR THROUGH OTHER MECHANICAL TREATMENT MEASURES SUCH AS SAND TRAPS AS NEEDED.



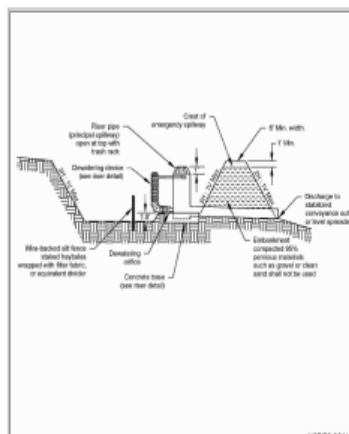
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**Cross Section of Level Spreader**  
 Revised July 2017  
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 Marysville  
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**Figure II-4.2.19 Sediment Pond Cross Section**  
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**REVISIONS**

NO.	DATE	DESCRIPTION

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 10000 1st Ave. SE  
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 Tel: 425.336.7777  
 Fax: 425.336.7778  
 www.lcdesign.com

**NORTHPOINT**  
**CASCADE COMMERCE CENTER**  
**EDGECOMB CREEK EARLY CLEARING AND GRADING**  
 EDGECOMB CREEK TESC POND EXHIBIT



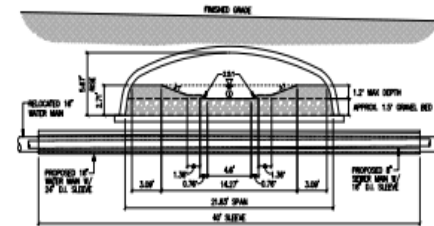
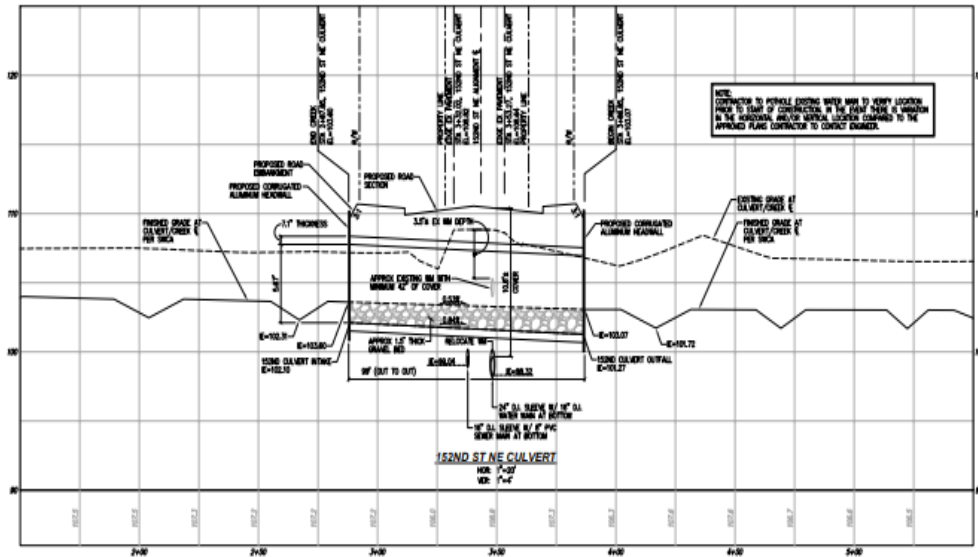
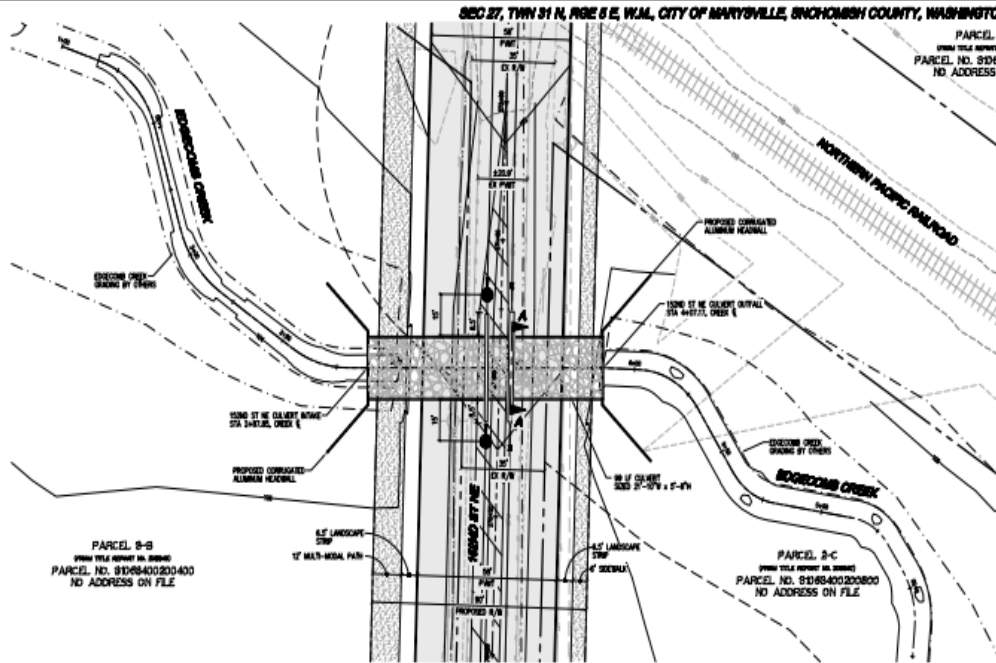
DATE PLOTTED: 11/15/17  
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 SHEET 1 OF 1

**EX-01**  
 SHEET 1 OF 1



SEC 27, T4W 31 N, R5E 5 E, W3AL, CITY OF MARYSVILLE, BUCKINGHAM COUNTY, WASHINGTON

PARCEL 2-C  
 FROM TITLE REPORT NO. 88840  
 PARCEL NO. 818840020000  
 NO ADDRESS ON FILE



**NOTE:**  
 OPEN CHANNEL THROUGH CULVERT TO INCLUDE BOLLARD CLOSURES AND FLOW BARS TO INCREASE COMPLEXITY, REDUNDANCY, AND STABILITY. THIS WILL KEEP CHANNEL FLOW IN THE MIDDLE OF THE CULVERT AND AWAY FROM THE SIDES.  
 SEE OTHER PLANS FOR FURTHER DETAILS OF CULVERT CROSSING MITIGATION.

**VERIFY LOCATIONS:**  
 THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION. ADDRESSES INVOLVED SHALL BE NOTICED WITHIN A REASONABLE TIME PRIOR TO THE START OF CONSTRUCTION.

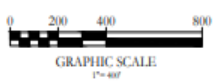
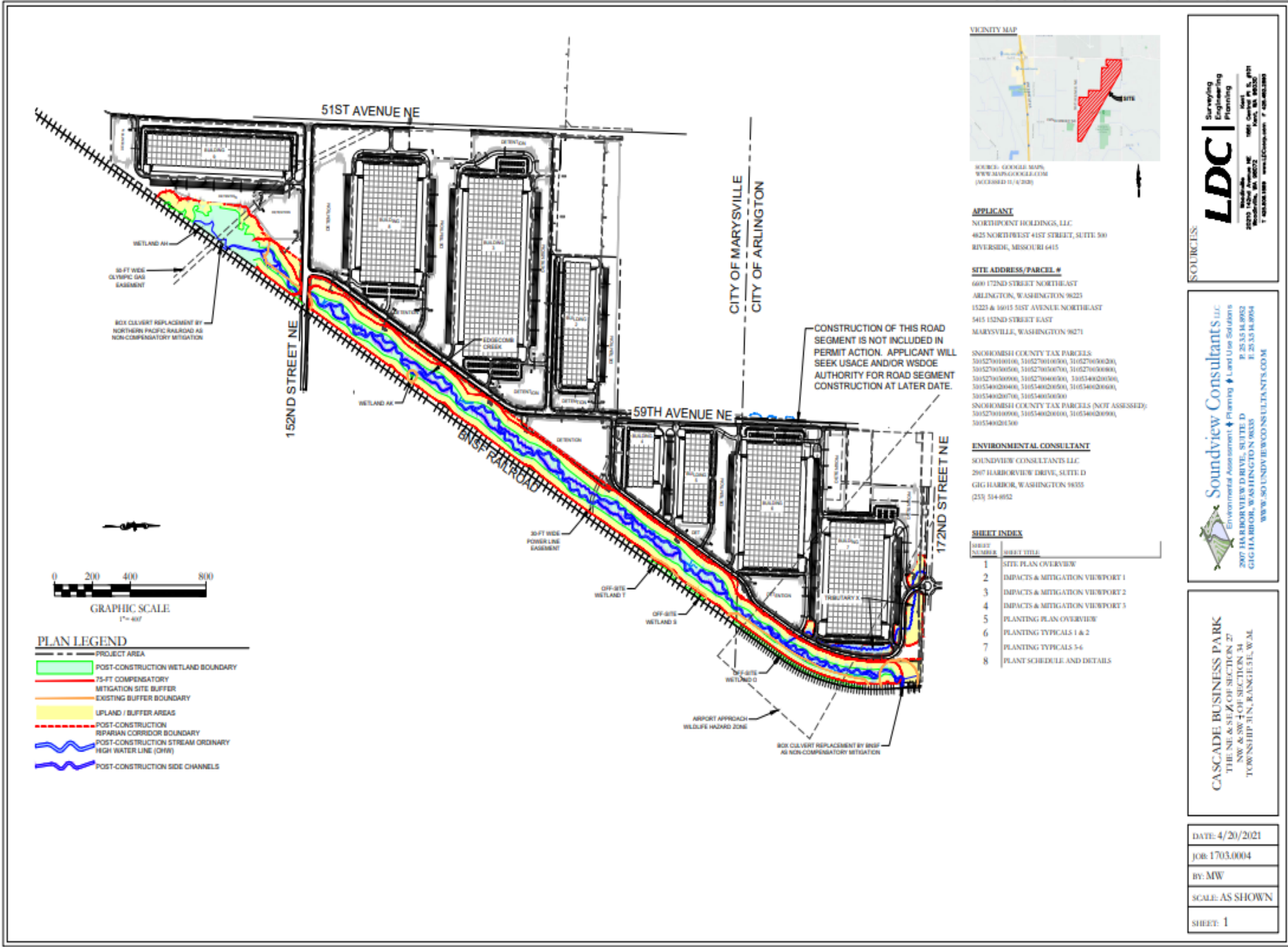
**DISCLAIMER:**  
 THE SURVEYING SURVEY WAS PERFORMED BY LDC, INC. IN MAY 2020. ANY CHANGES TO THE DATE AFTER THIS DATE WILL NOT BE REFLECTED IN THE PLANS. ANY DISCREPANCIES FOUND BETWEEN WHAT IS SHOWN ON THE PLANS AND WHAT IS NOTED IN THE FIELD SHOULD BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ENGINEER.

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**811 or 1-800-424-6666**  
 Utility Underground Location Markers

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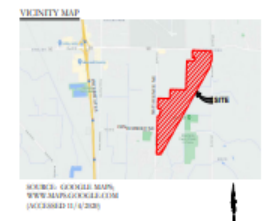
**NORTHPOINT**  
**CASCADE COMMERCE CENTER**  
 152ND ST NE CULVERT CROSSING PLAN AND PROFILE

**RW-02**  
 SHEET 5 OF 8



**PLAN LEGEND**

	PROJECT AREA
	POST-CONSTRUCTION WETLAND BOUNDARY
	75-FT COMPENSATORY
	MITIGATION SITE BUFFER
	EXISTING BUFFER BOUNDARY
	UPLAND / BUFFER AREAS
	POST-CONSTRUCTION RIPARIAN CORRIDOR BOUNDARY
	POST-CONSTRUCTION STREAM ORDINARY HIGH WATER LINE (OHW)
	POST-CONSTRUCTION SIDE CHANNELS



**APPLICANT**  
 NORTHWEST HOLDINGS, LLC  
 4825 NORTHWEST 41ST STREET, SUITE 500  
 RIVERSIDE, MISSOURI 6415

**SITE ADDRESS/PARCEL #**  
 6600 172ND STREET NORTHEAST  
 ARLINGTON, WASHINGTON 98223  
 15223 & 16015 51ST AVENUE NORTHEAST  
 5415 152ND STREET EAST  
 MARYSVILLE, WASHINGTON 98271

**SNOHOMISH COUNTY TAX PARCELS:**  
 310527000000, 310527000000, 310527000000,  
 310527000000, 310527000000, 310527000000,  
 310527000000, 310527000000, 310527000000,  
 310548020000, 310548020000, 310548020000,  
 310548020000, 310548020000

**SNOHOMISH COUNTY TAX PARCELS (NOT ASSESSED):**  
 310527000000, 310548020000, 310548020000,  
 310548020000

**ENVIRONMENTAL CONSULTANT**  
 SOUNDVIEW CONSULTANTS LLC  
 2907 HARBORVIEW DRIVE, SUITE D  
 GIG HARBOR, WASHINGTON 98155  
 (253) 514-4952  
 WWW.SOUNDVIEWCONSULTANTS.COM

**SHEET INDEX**

SHEET NUMBER	SHEET TITLE
1	SITE PLAN OVERVIEW
2	IMPACTS & MITIGATION VIEWPORT 1
3	IMPACTS & MITIGATION VIEWPORT 2
4	IMPACTS & MITIGATION VIEWPORT 3
5	PLANTING PLAN OVERVIEW
6	PLANTING TYPICALS 1 & 2
7	PLANTING TYPICALS 3-6
8	PLANT SCHEDULE AND DETAILS

**SOURCES:**

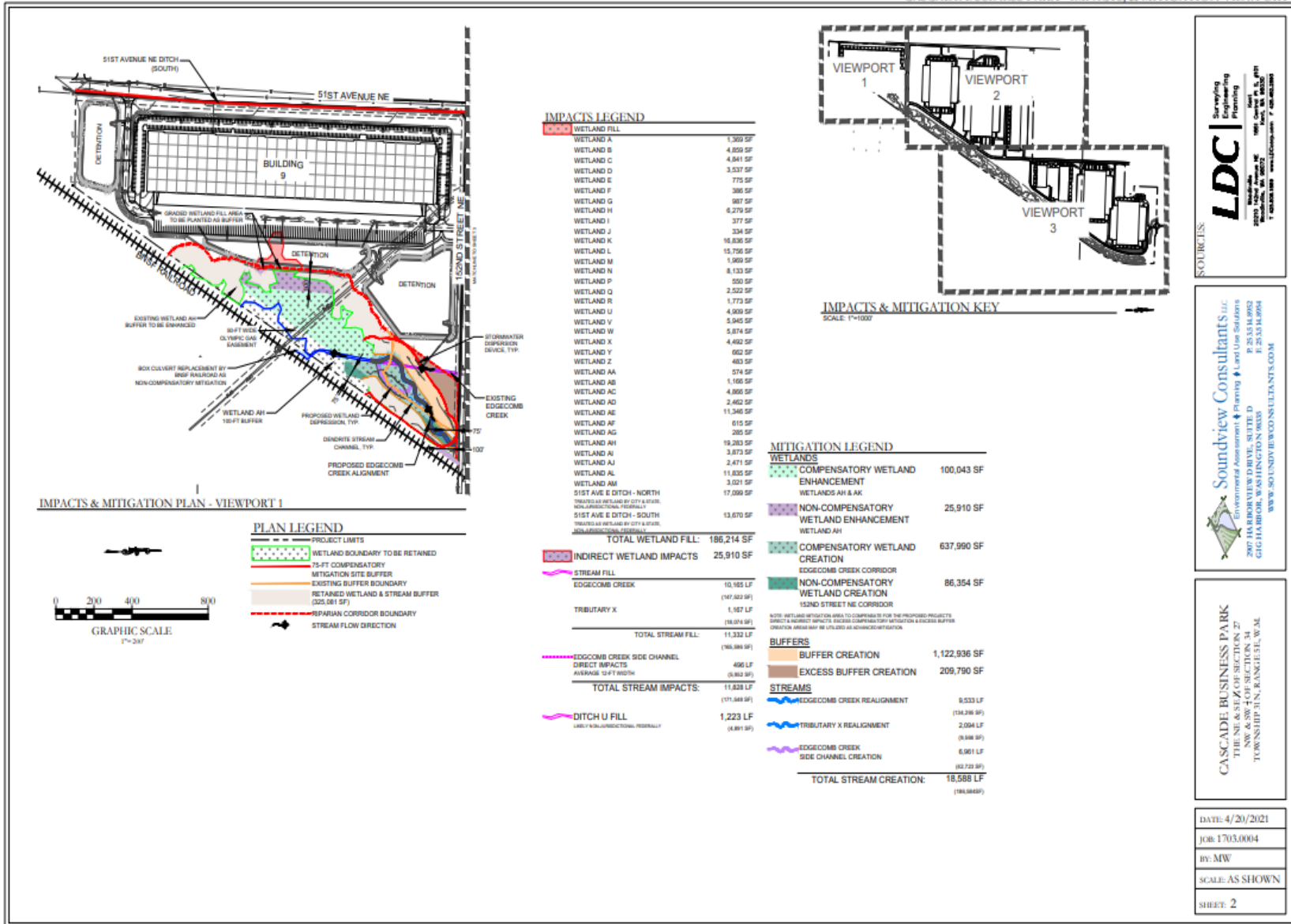
**LDC**  
 Surveying  
 Engineering  
 Planning  
 2920 12th Street NE  
 Everett, WA 98203  
 Phone: 425.336.8822  
 Fax: 425.336.8823  
 Website: www.landscape.com

**SOUNDVIEW CONSULTANTS LLC**  
 Environmental Assessment & Planning & Land Use Solutions  
 2907 Harborview Drive, Suite D  
 Gig Harbor, WA 98155  
 Phone: 253.514.4952  
 Website: www.soundviewconsultants.com

**CASCADE BUSINESS PARK**  
 THE SNE & S/TZ OF SECTION 27  
 TOWNSHIP 13N, RANGE 51E, W.M.

DATE: 4/20/2021  
 JOB: 1703.0004  
 BY: MW  
 SCALE: AS SHOWN  
 SHEET: 1

DATE PLOTTED: 4/20/2021 10:58:00 AM  
 PLOTTER: HP DesignJet T1100PS  
 PLOTTING METHOD: EPL  
 PLOTTING ENGINE: HP PCL600



IMPACTS & MITIGATION PLAN - VIEWPORT 1

**IMPACTS LEGEND**

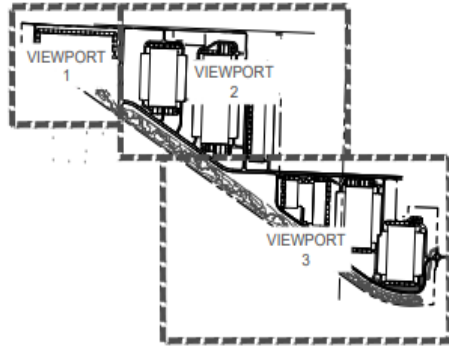
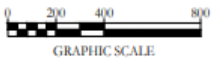
WETLAND TYPE	AREA (SF)
WETLAND A	1,360 SF
WETLAND B	4,809 SF
WETLAND C	4,841 SF
WETLAND D	3,537 SF
WETLAND E	775 SF
WETLAND F	380 SF
WETLAND G	987 SF
WETLAND H	6,279 SF
WETLAND I	377 SF
WETLAND J	334 SF
WETLAND K	16,836 SF
WETLAND L	15,750 SF
WETLAND M	1,969 SF
WETLAND N	8,133 SF
WETLAND P	950 SF
WETLAND Q	2,232 SF
WETLAND R	1,773 SF
WETLAND U	4,909 SF
WETLAND V	5,940 SF
WETLAND W	5,674 SF
WETLAND X	4,462 SF
WETLAND Y	662 SF
WETLAND Z	483 SF
WETLAND AA	574 SF
WETLAND AB	1,185 SF
WETLAND AC	4,866 SF
WETLAND AD	2,462 SF
WETLAND AE	11,346 SF
WETLAND AF	815 SF
WETLAND AG	283 SF
WETLAND AH	19,283 SF
WETLAND AI	3,873 SF
WETLAND AJ	2,471 SF
WETLAND AL	11,830 SF
WETLAND AM	3,021 SF
WETLAND AN	17,099 SF
WETLAND AO	13,670 SF
<b>TOTAL WETLAND FILL:</b>	<b>186,214 SF</b>
<b>INDIRECT WETLAND IMPACTS</b>	<b>25,910 SF</b>

**MITIGATION LEGEND**

MITIGATION TYPE	AREA (SF)
COMPENSATORY WETLAND ENHANCEMENT	100,043 SF
NON-COMPENSATORY WETLAND ENHANCEMENT	25,910 SF
COMPENSATORY WETLAND CREATION	637,990 SF
NON-COMPENSATORY WETLAND CREATION	86,354 SF
<b>TOTAL WETLAND CREATION:</b>	<b>724,337 SF</b>
<b>STREAMS</b>	
EDGE-COMB CREEK REALIGNMENT	9,533 LF
TRIBUTARY X REALIGNMENT	2,054 LF
EDGE-COMB CREEK SIDE CHANNEL CREATION	6,961 LF
<b>TOTAL STREAM CREATION:</b>	<b>18,588 LF</b>
<b>BUFFERS</b>	
BUFFER CREATION	1,122,936 SF
EXCESS BUFFER CREATION	209,790 SF
<b>TOTAL BUFFER CREATION:</b>	<b>1,332,726 SF</b>

**PLAN LEGEND**

PROJECT LIMITS	---
WETLAND BOUNDARY TO BE RETAINED	---
75-FT COMPENSATORY MITIGATION SITE BUFFER	---
EXISTING BUFFER BOUNDARY	---
RETAINED WETLAND & STREAM BUFFER (325,081 SF)	---
RIPARIAN CORRIDOR BOUNDARY	---
STREAM FLOW DIRECTION	→



IMPACTS & MITIGATION KEY

SCALE: 1"=100'

**LDC**

Surveying  
Engineering  
Planning

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Tacoma, WA 98402  
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Fax: 253.403.8878  
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---

**Soundview Consultants LLC**

Environmental Assessment & Planning • Land Use Solutions

2807 Harborview Drive, Suite D  
Tacoma, WA 98402  
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Fax: 253.403.8954  
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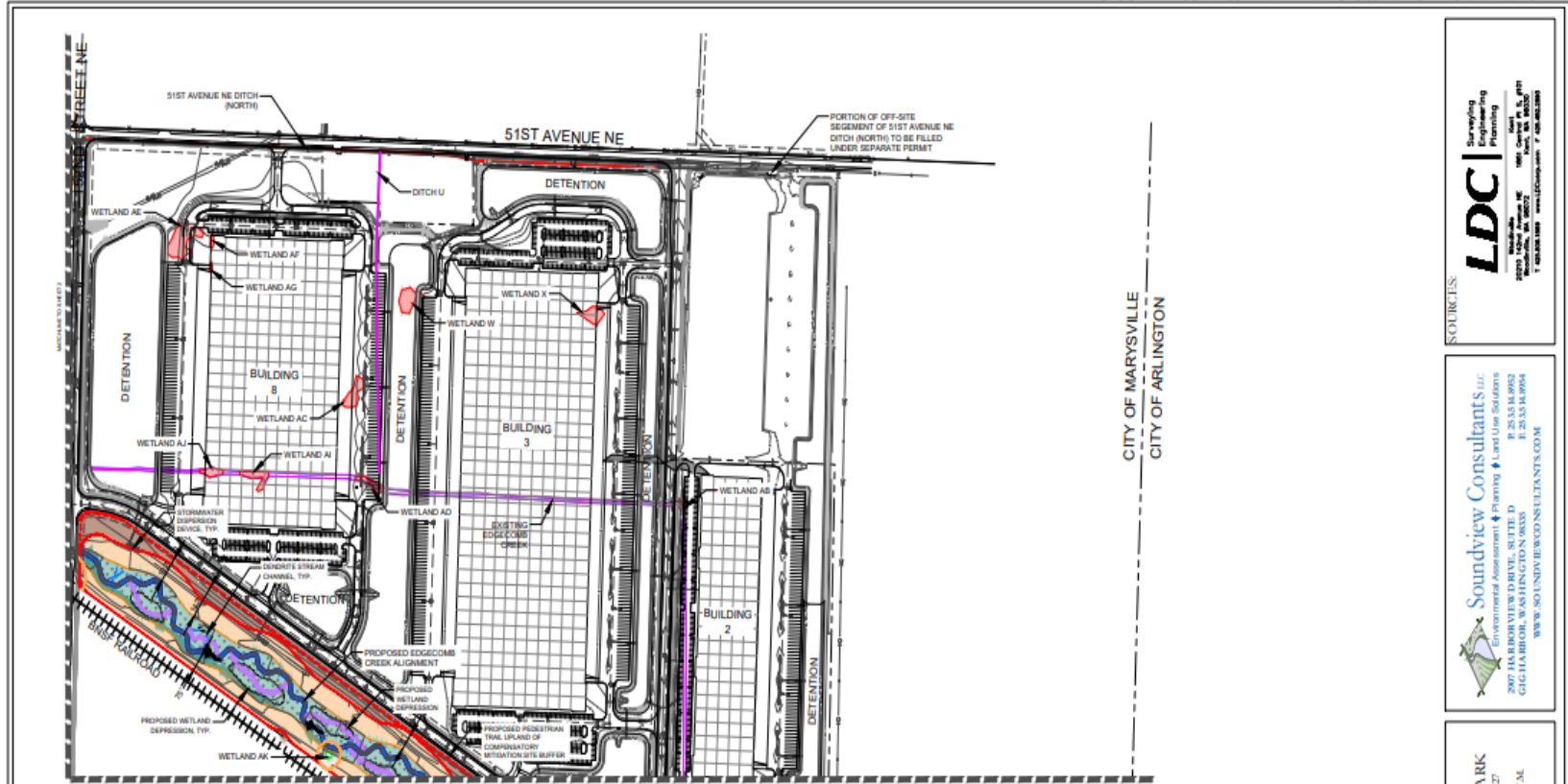
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**CASCADE BUSINESS PARK**  
THE NE & SE 1/4 OF SECTION 27  
NW & SW 1/4 OF SECTION 34  
TOWNSHIP 14N, RANGE 12E, W.M.

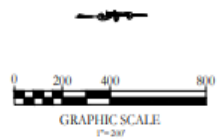
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DATE: 4/20/2021  
JOB: 1703.0004  
BY: MW  
SCALE: AS SHOWN  
SHEET: 2





IMPACTS & MITIGATION PLAN - VIEWPORT 2



**PLAN LEGEND**

- PROJECT LIMITS
- WETLAND BOUNDARY TO BE RETAINED
- 75-FT COMPENSATORY MITIGATION SITE BUFFER
- EXISTING BUFFER BOUNDARY
- RETAINED WETLAND & STREAM BUFFER (325,081 SF)
- RIPARIAN CORRIDOR BOUNDARY
- STREAM FLOW DIRECTION

**IMPACTS LEGEND**

- WETLAND FILL
- STREAM FILL
- EDGECOMB CREEK SIDE CHANNEL DIRECT IMPACTS

**MITIGATION LEGEND**

- WETLANDS**
- COMPENSATORY WETLAND ENHANCEMENT
- COMPENSATORY WETLAND CREATION
- NON-COMPENSATORY WETLAND CREATION
- NON-COMPENSATORY WETLAND ENHANCEMENT
- BUFFERS**
- BUFFER CREATION
- EXCESS BUFFER CREATION
- STREAM CREATION**
- EDGECOMB CREEK & TRIBUTARY X
- EDGECOMB CREEK SIDE CHANNELS

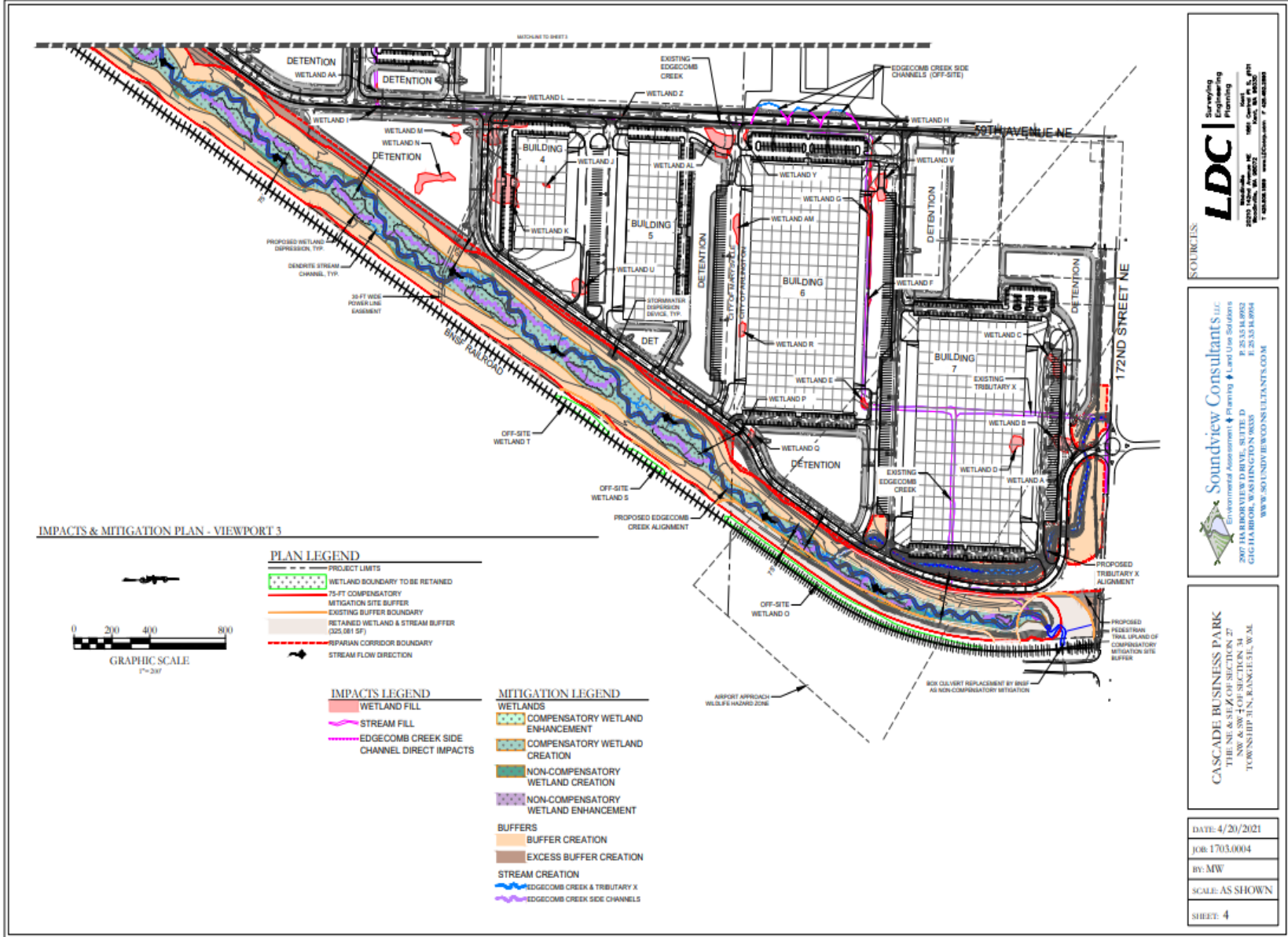
**SOURCES:**

**LDC**  
 Surveying  
 Engineering  
 Planning  
 2020 1st Avenue NE  
 Everett, WA 98201  
 Phone: 425.336.1111  
 Fax: 425.336.1112  
 www.lcdc.com

**Soundview Consultants, LLC**  
 Environmental Assessment & Planning • Land Use Solutions  
 2907 1st Avenue NE  
 Gig Harbor, Washington 98503  
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 www.soundviewconsultants.com

**CASCADE BUSINESS PARK**  
 TOWNSHIP 31N, RANGE 31E, W. 4E  
 TOWN OF EVERETT, WASHINGTON

DATE: 4/20/2021  
 JOB: 1703.0004  
 BY: MW  
 SCALE: AS SHOWN  
 SHEET: 3



**SOURCES**

**LDC**

Soundview  
Engineering  
Planning

207 HARBOURVIEW DRIVE, SUITE D  
GIG HARBOR, WASHINGTON 98203  
WWW.SOUNDVIEWCONSULTANTS.COM

**Soundview Consultants LLC**

Environmental Assessment & Planning • Land Use Solutions

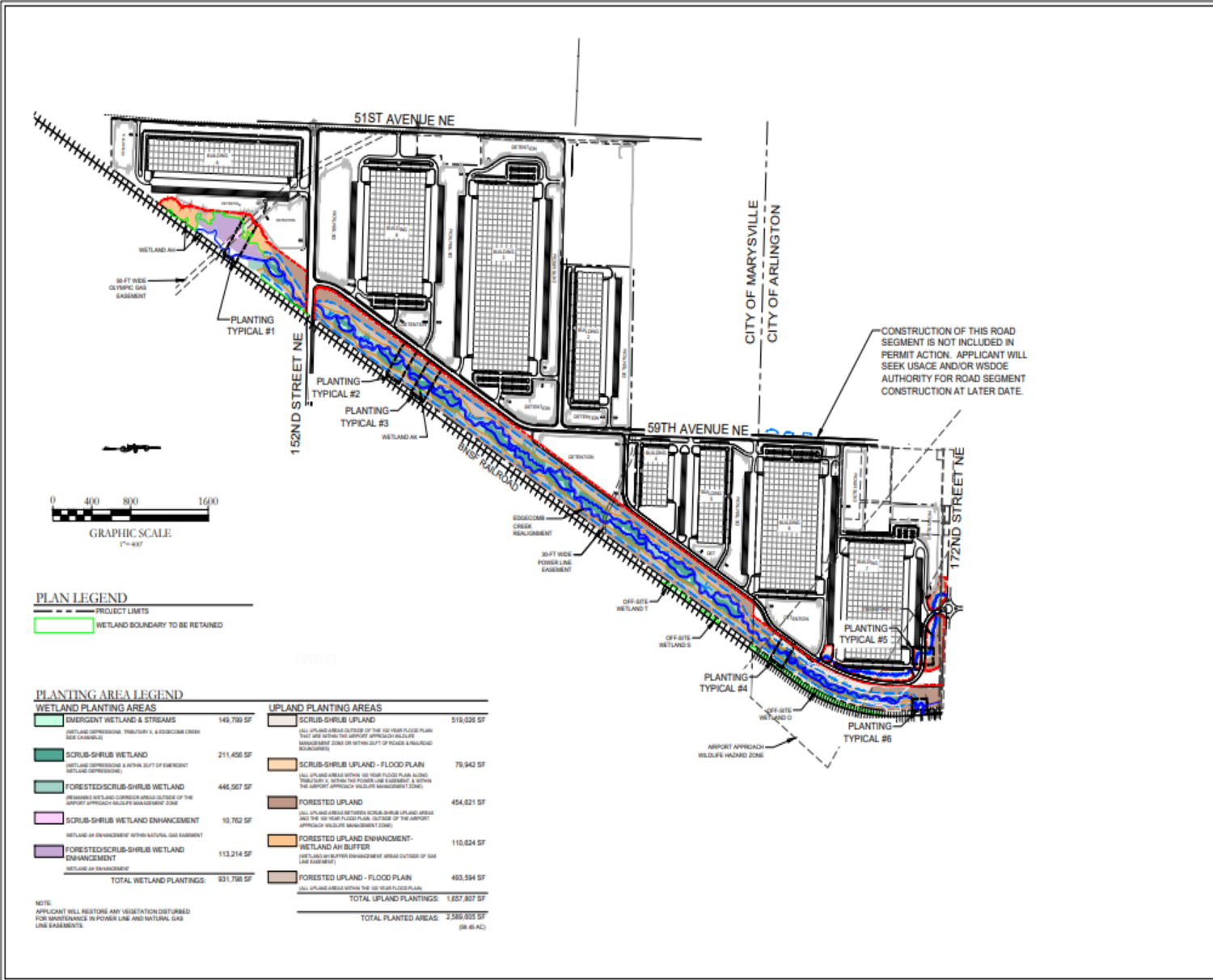
207 HARBOURVIEW DRIVE, SUITE D  
GIG HARBOR, WASHINGTON 98203  
WWW.SOUNDVIEWCONSULTANTS.COM

**CASCADE BUSINESS PARK**

THE NE & SW 1/4 OF SECTION 27  
NW & SW 1/4 OF SECTION 34  
TOWNSHIP 11N, RANGE 1E, W.M.

DATE: 4/20/2021  
JOB: 1703.0004  
BY: MW  
SCALE: AS SHOWN  
SHEET: 4

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**PLAN LEGEND**

	PROJECT LIMITS
	WETLAND BOUNDARY TO BE RETAINED

**PLANTING AREA LEGEND**

WETLAND PLANTING AREAS		UPLAND PLANTING AREAS	
	EMERGENT WETLAND & STREAMS (WETLAND CORRIDOR, TRIBUTARY A, & BOGOCAN CREEK SEE CHANNELS)		SCRUB-SHRUB UPLAND ALL UPLAND AREAS OUTSIDE OF THE 100-YEAR FLOOD PLAIN THAT ARE WITHIN THE AIRPORT APPROACH WILDLIFE MANAGEMENT ZONE OR WITHIN 50 FT OF ROADS & MAINTAINED RIGHTS-OF-WAY
	SCRUB-SHRUB WETLAND (WETLAND CORRIDOR & WITHIN 50 FT OF EMERGENT WETLAND CORRIDOR)		SCRUB-SHRUB UPLAND - FLOOD PLAIN ALL UPLAND AREAS WITHIN THE 100-YEAR FLOOD PLAIN (SEE TRIBUTARY A WITHIN THE POWER LINE EASEMENT & WITHIN THE AIRPORT APPROACH WILDLIFE MANAGEMENT ZONE)
	FORESTED SCRUB-SHRUB WETLAND (REMAINING WETLAND CORRIDOR AREAS OUTSIDE OF THE AIRPORT APPROACH WILDLIFE MANAGEMENT ZONE)		FORESTED UPLAND ALL UPLAND AREAS BETWEEN SCRUB-SHRUB UPLAND AREAS AND THE 100-YEAR FLOOD PLAIN, OUTSIDE OF THE AIRPORT APPROACH WILDLIFE MANAGEMENT ZONE
	SCRUB-SHRUB WETLAND ENHANCEMENT (WETLAND BY ENHANCEMENT WITHIN NATURAL GAS EASEMENT)		FORESTED UPLAND ENHANCEMENT - WETLAND AH BUFFER (WETLAND BY BUFFER ENHANCEMENT AREAS OUTSIDE OF GAS LINE EASEMENT)
	FORESTED SCRUB-SHRUB WETLAND ENHANCEMENT (WETLAND BY ENHANCEMENT)		FORESTED UPLAND - FLOOD PLAIN ALL UPLAND AREAS WITHIN THE 100-YEAR FLOOD PLAIN
	<b>TOTAL WETLAND PLANTINGS: 931,798 SF</b>		<b>TOTAL UPLAND PLANTINGS: 1,657,807 SF</b>
			<b>TOTAL PLANTED AREAS: 2,589,605 SF (98.46 AC)</b>

NOTE:  
APPLICANT WILL RESTORE ANY VEGETATION DISTURBED FOR MAINTENANCE IN POWER LINE AND NATURAL GAS LINE EASEMENTS.

SOURCES

**LDC**

Surveying  
Engineering  
Planning

2020 BARBORVIEW DRIVE, SUITE D  
GIG HARBOR, WASHINGTON 98163  
1-206-835-1494  
www.landscape.com

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GIG HARBOR, WASHINGTON 98163  
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WWW.SOUNDVIEWCONSULTANTS.COM

CASCADE BUSINESS PARK

THE NE & SE 1/4 OF SECTION 27  
SW & SW 1/4 OF SECTION 31  
TOWNSHIP 12N, RANGE 12E, W4

DATE: 4/20/2021

JOB: 1703.0004

BY: MW

SCALE: AS SHOWN

SHEET: 5

CASCADE BUSINESS PARK (1703.0004) SHEET 5 OF 5 (DATE: 4/20/2021)





PLANTING TYPICAL #1 - WETLAND AH ENHANCEMENT\*

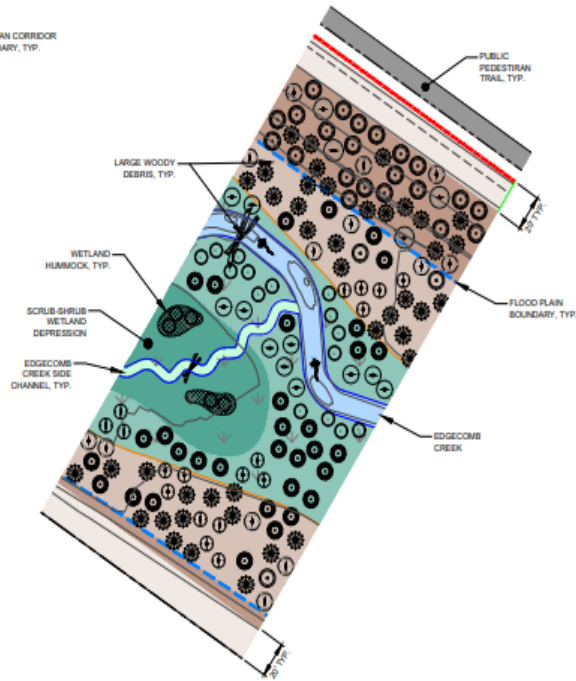
\* ONLY LARGE TREES AND LIVE STAKES TO BE PLANTED WITHIN WETLAND ENHANCEMENT AREAS

PLAN LEGEND

- PROJECT LIMITS
- WETLAND BOUNDARY TO BE RETAINED
- FLOOD PLAIN BOUNDARY

NOTES:

1. SEE 100% DESIGN PLAN SET, EDGECOMB CREEK RESTORATION (SWCA, 2021) FOR PROPOSED HABITAT STRUCTURES.
2. NATIVE PLANTS TO BE INSTALLED FOLLOWING RIPARIAN CORRIDOR EXCAVATION AND GRADING TO THE EXTENT FEASIBLE (DEPENDENT ON SUMMER HYDROLOGY). CONDITIONAL NATIVE SEED MIXES WILL ALSO BE SPREAD ACROSS THE RIPARIAN CORRIDOR AS NEEDED FOR EROSION CONTROL. NATIVE PLANTS TO BE FULLY INSTALLED DURING FALL PLANTING SEASON.



PLANTING TYPICAL #2 - WETLAND CORRIDOR WITH SCRUB-SHRUB DEPRESSION

SCALE: 1"=20'

PLANTING AREA LEGEND

WETLAND PLANTING AREAS	UPLAND PLANTING AREAS
<b>EMERGENT WETLAND &amp; STREAMS</b> (WETLAND DEPRESSIONS, TRIBUTARY & EDGECOMB CREEK SIDE CHANNELS)	<b>SCRUB-SHRUB UPLAND</b> (ALL UPLAND AREAS OUTSIDE OF THE FLOOD PLAN THAT ARE WITHIN THE AIRPORT APPROACH INCLUDE MANAGEMENT ZONE OR WITHIN 50FT OF ROADS & RAILROAD BOUNDARIES)
<b>SCRUB-SHRUB WETLAND</b> (WETLAND DEPRESSIONS & WETLANDS OF EMERGENT WETLAND DEPRESSIONS)	<b>SCRUB-SHRUB UPLAND - FLOOD PLAN</b> (ALL UPLAND AREAS WITHIN THE YEAR FLOOD PLAN BUFFER ZONE(S) & 50FT OF THE POWERLINE EASEMENT & WITHIN THE AIRPORT APPROACH INCLUDE MANAGEMENT ZONE)
<b>FORESTED/SCRUB-SHRUB WETLAND</b> (RESERVED WETLAND CORRIDOR AREAS OUTSIDE OF THE AIRPORT APPROACH INCLUDE MANAGEMENT ZONE)	<b>FORESTED UPLAND</b> (ALL UPLAND AREAS BETWEEN SCRUB-SHRUB UPLAND AREAS AND THE 100 YEAR FLOOD PLAN, OUTSIDE OF THE AIRPORT APPROACH INCLUDE MANAGEMENT ZONE, ARE TO BE PLANTED WITHIN POWERLINE EASEMENT)
<b>SCRUB-SHRUB WETLAND ENHANCEMENT</b> (WETLAND ENHANCEMENT WITHIN NATURAL GAS EASEMENT)	<b>FORESTED UPLAND ENHANCEMENT-WETLAND AH BUFFER</b> (WETLAND AH BUFFER ENHANCEMENT AREAS OUTSIDE OF GAS LINE EASEMENT)
<b>FORESTED/SCRUB-SHRUB WETLAND ENHANCEMENT</b> (WETLAND ENHANCEMENT)	<b>FORESTED UPLAND - FLOOD PLAN</b> (ALL UPLAND AREAS WITHIN THE 100 YEAR FLOOD PLAN)

PLANT LIST

TREES

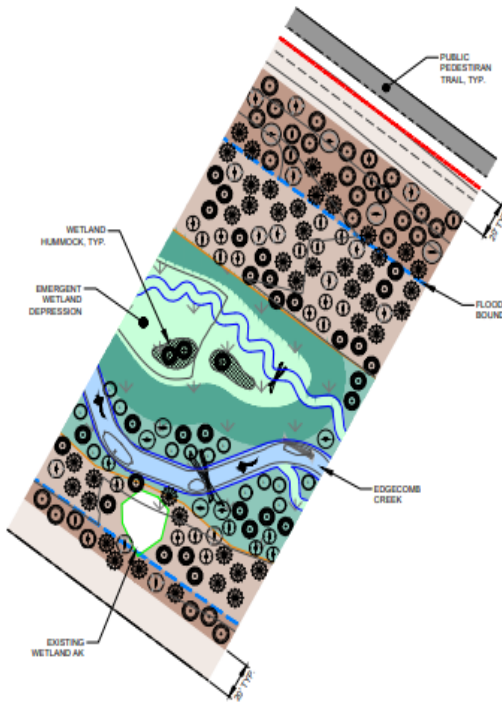
SYMBOL	SCIENTIFIC NAME	COMMON NAME
(M)	ACER CROCATUM	VINE MAPLE
(A)	ACER MICROPHYLLUM	RED LEAF MAPLE
(P)	FRAXINUS PURSHIANA	CASCARA
(C)	MALES FLOIDA	PACIFIC CRANAPPLE
(S)	PISEA SITONENSIS	SITKA SPRUCE
(B)	POPULUS BALSHAMIFERA	BLACK COTTONWOOD
(T)	PRUNUS EMARGINATA	BITTER CHERRY
(D)	PSUEDOTSUGA MENZIESII	DOUGLAS FIR
(W)	SALIX LUCIDA	PACIFIC WILLOW
(R)	TALIA PLICATA	WESTERN REDCEDAR

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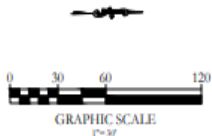
**Soundview Consultants LLC**  
Government Assessment & Planning & Land Use Solutions  
2020, 1000 1st Avenue, SE  
Tacoma, WA 98402, USA  
P: 253.433.8904  
F: 253.433.8904  
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**CASCADE BUSINESS PARK**  
TOWNSHIP 14 N, RANGE 12 E, W.M.  
TACOMA, WA 98402, USA

DATE: 4/20/2021  
JOB: 1703.0004  
BY: MW  
SCALE: AS SHOWN  
SHEET: 6



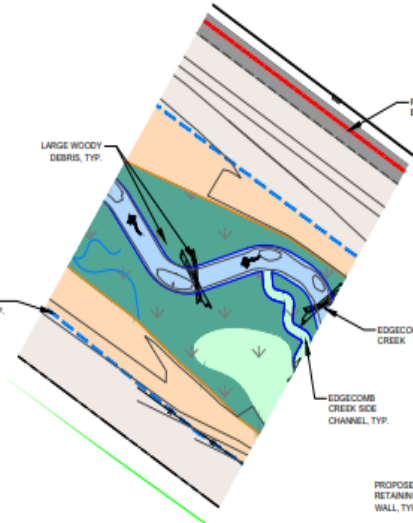
**PLANTING TYPICAL #3 -  
WETLAND CORRIDOR WITH EMERGENT DEPRESSION**



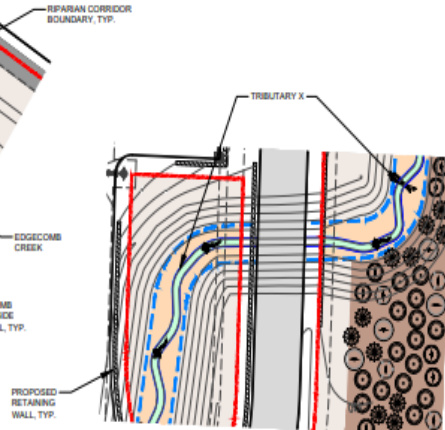
- NOTES:**
- SEE 100% DESIGN PLAN SET: EDGECOMB CREEK RESTORATION (DWG. 2021) FOR PROPOSED HARBOR STRUCTURES.
  - NATIVE PLANTS TO BE INSTALLED FOLLOWING RIPARIAN CORRIDOR EXCAVATION AND GRADING TO THE EXTENT FEASIBLE. DEPENDENT ON SUMMER HYDROLOGY CONDITIONS, NATIVE SEED MIXES WILL ALSO BE SPREAD ACROSS THE RIPARIAN CORRIDOR AS NEEDED FOR INDICTION CONTROL. NATIVE PLANTS TO BE FULLY INSTALLED DURING FALL PLANTING SEASON.

**PLANT LIST**

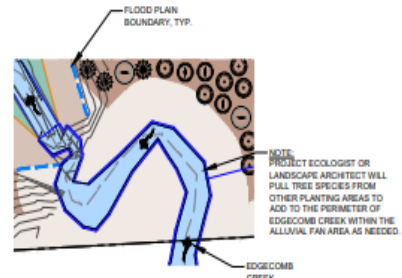
TREES	
SYMBOLIC NAME	COMMON NAME
(A)	ACER CACUMINUM - VINE MAPLE
(B)	ACER MACROPHYLLUM - BIG LEAF MAPLE
(C)	FRAXINUS PURSHIANA - CASAHUA
(D)	QUERCUS FUSCA - PACIFIC CHINQUAPPE
(E)	PIEDMONTIS - SITKA SPRUCE
(F)	POPULUS BALSAIFERA - BLACK COTTONWOOD
(G)	PRUNUS EMARGINATA - BITTER CHERRY
(H)	PSUEDOTSUGA MENZIESII - DOUGLAS FIR
(I)	SALIX LUCIDA - PACIFIC WILLOW
(J)	TAXUS PLICATA - WESTERN REDCEDAR



**PLANTING TYPICAL #4 -  
AIRPORT APPROACH**  
SCALE: 1"=30'



**PLANTING TYPICAL #5 -  
TRIBUTARY X CORRIDOR**  
SCALE: 1"=30'



**PLANTING TYPICAL #6 -  
EDGECOMB CREEK ALLUVIAL FAN**

- PLANTING AREA LEGEND**
- WETLAND PLANTING AREAS**
- EMERGENT WETLAND & STREAMS**  
(WETLAND DEPRESSIONS, TRIBUTARY X & EDGECOMB CREEK SIDE CHANNELS)
  - SCRUB-SHRUB WETLAND**  
(WETLAND DEPRESSIONS & WITHIN 50 FT OF EMERGENT WETLAND DEPRESSIONS)
  - FORESTED SCRUB-SHRUB WETLAND**  
(FORESTED WETLAND CORRIDOR AREAS OUTSIDE OF THE AIRPORT APPROACH WILDLIFE MANAGEMENT ZONE)
  - SCRUB-SHRUB WETLAND ENHANCEMENT**  
(WETLAND ENHANCEMENT WITHIN NATURAL GAS EXHAUSTION WETLAND ENHANCEMENT)
  - FORESTED SCRUB-SHRUB WETLAND ENHANCEMENT**  
(WETLAND ENHANCEMENT)
- UPLAND PLANTING AREAS**
- SCRUB-SHRUB UPLAND**  
(ALL UPLAND AREAS OUTSIDE OF THE FLOOD PLAN THAT ARE WITHIN THE AIRPORT APPROACH WILDLIFE MANAGEMENT ZONE OR WITHIN 50 FT OF EDGECOMB CREEK & TRIBUTARY X)
  - SCRUB-SHRUB UPLAND - FLOOD PLAN**  
(ALL UPLAND AREAS WITHIN 10 YEAR FLOOD PLAN ALONG TRIBUTARY X WITHIN THE POWER-LINE EXHAUSTION & WITHIN THE AIRPORT APPROACH WILDLIFE MANAGEMENT ZONE)
  - FORESTED UPLAND**  
(ALL UPLAND AREAS BETWEEN SCRUB-SHRUB UPLAND AREAS AND THE 10 YEAR FLOOD PLAN OUTSIDE OF THE AIRPORT APPROACH WILDLIFE MANAGEMENT ZONE. TREES PLANTED WITHIN POWER-LINE EXHAUSTION)
  - FORESTED UPLAND ENHANCEMENT - WETLAND 4H BUFFER**  
(WETLAND BUFFER ENHANCEMENT AREAS OUTSIDE OF 600 FEET BUFFER)
  - FORESTED UPLAND - FLOOD PLAN**  
(ALL UPLAND AREAS WITHIN THE 10 YEAR FLOOD PLAN)

**SOURCE:**

**LDC**  
Landscape Design Consultants  
2800 14th Avenue NE  
Seattle, WA 98105  
Tel: 206.461.1111  
www.landscape.com

**Soundview Consultants LLC**  
Government of Washington  
2800 14th Avenue NE, Suite 1100  
Gig Harbor, Washington 98153  
Tel: 253.858.8800  
www.soundviewconsultants.com

**CASCADE BUSINESS PARK**  
11000 ASHLEY DRIVE SECTION 34  
TOWNSHIP 13 N, RANGE 3 E, W.M.

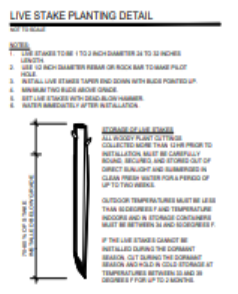
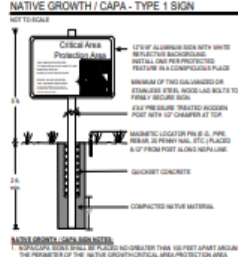
DATE: 4/20/2021  
JOB: 17030004  
BY: MW  
SCALE: AS SHOWN  
SHEET: 7

2021/04/20 11:00 AM 17030004 - PLANTING TYPICALS 3-6 - SHEET 7 - 000007

CASCADE BUSINESS PARK - PLANT SCHEDULE & DETAILS

PLANT SCHEDULE

Site 1 - Cascade Business Park  
 Site 2 - Cascade Business Park  
 Site 3 - Cascade Business Park  
 Site 4 - Cascade Business Park  
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 Fax: 253.863.8889  
 Email: info@soundview.com

**CASCADE BUSINESS PARK**  
 THE NAME AND SEAL OF SECTION 27  
 AND A PART OF SECTION 30  
 TOWNHIP 14 N., RANGE 12 E., N.W.  
 DATE: 4/20/2021  
 JOB: 1703.0004  
 BY: MW  
 SCALE: AS SHOWN  
 SHEET: 8

PERFORMANCE STANDARDS

**OBJECTIVE 1.1 -** COMPENSATE FOR THE LOSS OF THE EXISTING ECOSYSTEM ORIGIN CHANNEL BY CREATING A MAINTENANCE CHANNEL WITH ASSOCIATED SIDE CHANNELS.

**OBJECTIVE 2.1 -** CREATE A NEW STREAM CHANNEL AND ENHANCED HABITAT COMPONENTS.

**PERFORMANCE STANDARD 1.1.1 -** THE NEW STREAM CHANNEL SYSTEM WILL BE CREATED ACCORDING TO THE FINAL APPROVED DESIGN AND DOCUMENTS IN THE BEST REPORT.

**PERFORMANCE STANDARD 1.1.2 -** HABITAT STRUCTURES WITH LARGE WOODY DEBRIS IN THE STREAM CHANNEL SYSTEM WILL BE CREATED ACCORDING TO THE FINAL APPROVED DESIGN AND DOCUMENTS IN THE BEST REPORT.

**PERFORMANCE STANDARD 1.1.3 -** A MEDIA FILTER CHANNEL WILL BE INSTALLED ALONG THE EASTERN BOUNDARY OF THE MITIGATION SITE BETWEEN THE NEW STREAM CHANNEL AND THE MEDIA CHANNEL AND DOCUMENTED IN THE BEST REPORT.

**OBJECTIVE 2.2 -** ESTABLISH A MINIMUM OF 6.76 ACRES OF WETLAND AND 0.25 ACRES OF UPLAND BUFFER AREAS TO PROVIDE PROTECTION FOR THE CASCADE COMMUNITY CENTER ALONG THE RECLAIMED ECOSYSTEM CHANNEL.

**PERFORMANCE STANDARD 2.2.1 -** THE WETLAND CREATION AREAS WILL BE INSTALLED AT LEAST 8.76 ACRES (CASCADE BUSINESS PARK) AND 0.25 ACRES (CASCADE COMMUNITY CENTER) IN SIZE AS DEMONSTRATED.

**BY WETLAND DIMINUTIONS IN YEAR 1 AND YEAR 33**

**OBJECTIVE 2.2 -** ESTABLISH WETLAND PROTECTION THROUGH CREATING 6.76 ACRES OF WETLAND AND 0.25 ACRES OF UPLAND BUFFER AREAS TO PROVIDE PROTECTION FOR THE CASCADE COMMUNITY CENTER ALONG THE RECLAIMED ECOSYSTEM CHANNEL.

**PERFORMANCE STANDARD 2.2.1 -** THE APPROXIMATELY 6.76 ACRES (CASCADE BUSINESS PARK) AND 0.25 ACRES (CASCADE COMMUNITY CENTER) OF WETLAND CREATION AREAS WILL BE INSTALLED ACCORDING TO THE FINAL APPROVED DESIGN AND DOCUMENTS IN THE BEST REPORT.

**PERFORMANCE STANDARD 2.2.2 -** NATIVE WOODY VEGETATION IN THE WETLAND CREATION AREAS WILL BE PROVIDED AT LEAST 25 PERCENT TOTAL COVER BY YEAR 1, AT LEAST 50 PERCENT TOTAL COVER BY YEAR 7, AND AT LEAST 75 PERCENT TOTAL COVER BY YEAR 33.

**PERFORMANCE STANDARD 2.2.3 -** IN ALL UNCOVERED AREAS, THE WETLAND CREATION AREAS WILL HAVE AT LEAST 5 SPECIES OF NATIVE TREES AND 5 SPECIES OF NATIVE SHRUBS.

**PERFORMANCE STANDARD 2.2.4 -** ESTABLISH BURNED WETLAND HABITAT TO PROVIDE HABITAT FOR WETLAND-ASSOCIATED WILDLIFE.

**PERFORMANCE STANDARD 2.2.5 -** NATIVE WOODY SPECIES WILL BE PROVIDED AT LEAST 25 PERCENT TOTAL COVER BY YEAR 1, AT LEAST 50 PERCENT TOTAL COVER BY YEAR 7, AND AT LEAST 75 PERCENT TOTAL COVER BY YEAR 33.

**OBJECTIVE 2.3 -** EFFECTIVELY CONTROL AND/OR ELIMINATE NON-NATIVE INVASIVE SPECIES FROM THE WETLAND CREATION AREAS.

**PERFORMANCE STANDARD 2.3.1 -** NON-NATIVE INVASIVE PLANTS WILL NOT MAKE UP MORE THAN 25 PERCENT TOTAL COVER IN ANY GROWING SEASON DURING ALL MONITORING YEARS.

**OBJECTIVE 2.4 -** ESTABLISH NATIVE PLANT COVER WITHIN THE RECLAIMMENT AREAS TO CREATE DIVERS HORIZONTAL AND VERTICAL VEGETATION STRUCTURE AND ADDITIONAL WILDLIFE HABITAT.

**PERFORMANCE STANDARD 2.4.1 -** IN YEAR 1, SURVIVAL OF INSTALLED WOODY VEGETATION WILL BE AT LEAST 90 PERCENT IN THE WETLAND ENHANCEMENT AREAS.

**PERFORMANCE STANDARD 2.4.2 -** NATIVE WOODY SPECIES WILL BE PROVIDED AT LEAST 25 PERCENT TOTAL COVER OF THE WETLAND ENHANCEMENT AREAS BY YEAR 1, AT LEAST 50 PERCENT TOTAL COVER BY YEAR 7, AND AT LEAST 75 PERCENT TOTAL COVER BY YEAR 33.

**PERFORMANCE STANDARD 2.4.3 -** IN ALL UNCOVERED AREAS, THE WETLAND CREATION AREAS WILL HAVE AT LEAST 5 SPECIES OF NATIVE TREES AND 5 SPECIES OF NATIVE SHRUBS.

**OBJECTIVE 2.5 -** ESTABLISH BURNED WETLAND HABITAT TO PROVIDE HABITAT FOR WETLAND-ASSOCIATED WILDLIFE.

**PERFORMANCE STANDARD 2.5.1 -** NATIVE WOODY SPECIES WILL BE PROVIDED AT LEAST 25 PERCENT TOTAL COVER BY YEAR 1, AT LEAST 50 PERCENT TOTAL COVER BY YEAR 7, AND AT LEAST 75 PERCENT TOTAL COVER BY YEAR 33.

**PERFORMANCE STANDARD 2.5.2 -** NATIVE WOODY SPECIES WILL BE PROVIDED AT LEAST 25 PERCENT TOTAL COVER BY YEAR 1, AT LEAST 50 PERCENT TOTAL COVER BY YEAR 7, AND AT LEAST 75 PERCENT TOTAL COVER BY YEAR 33.

**PERFORMANCE STANDARD 2.5.3 -** TOTAL DEEP CANOPY GRADE COVER WILL BE REDUCED COMPARED TO BASELINE CONDITIONS ESTABLISHED DURING YEAR 0 & YEAR 1. 25 PERCENT REDUCTION IN TOTAL COVER BY YEAR 1 AND 50 PERCENT REDUCTION IN TOTAL COVER BY YEAR 33.

**OBJECTIVE 3 -** ESTABLISH UPLAND BUFFER FOR THE NEWLY RECLAIMED ECOSYSTEM CHANNEL TO PROVIDE PROTECTION FOR THE STREAM AND WETLANDS.

**PERFORMANCE STANDARD 3.1 -** NATIVE TREE AND SHRUB SPECIES SHALL PROVIDE AT LEAST 25 PERCENT TOTAL COVER OF THE UPLAND BUFFER AREAS BY YEAR 1, AT LEAST 50 PERCENT TOTAL COVER BY YEAR 7, AND AT LEAST 75 PERCENT TOTAL COVER BY YEAR 33.

**PERFORMANCE STANDARD 3.2 -** ESTABLISH BURNED WETLAND HABITAT TO PROVIDE HABITAT FOR WETLAND-ASSOCIATED WILDLIFE.

**PERFORMANCE STANDARD 3.3 -** NATIVE WOODY SPECIES WILL BE PROVIDED AT LEAST 25 PERCENT TOTAL COVER OF THE UPLAND BUFFER AREAS BY YEAR 1, AT LEAST 50 PERCENT TOTAL COVER BY YEAR 7, AND AT LEAST 75 PERCENT TOTAL COVER BY YEAR 33.

**PERFORMANCE STANDARD 3.4 -** ESTABLISH BURNED WETLAND HABITAT TO PROVIDE HABITAT FOR WETLAND-ASSOCIATED WILDLIFE.

**PERFORMANCE STANDARD 3.5 -** NATIVE WOODY SPECIES WILL BE PROVIDED AT LEAST 25 PERCENT TOTAL COVER OF THE UPLAND BUFFER AREAS BY YEAR 1, AT LEAST 50 PERCENT TOTAL COVER BY YEAR 7, AND AT LEAST 75 PERCENT TOTAL COVER BY YEAR 33.

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