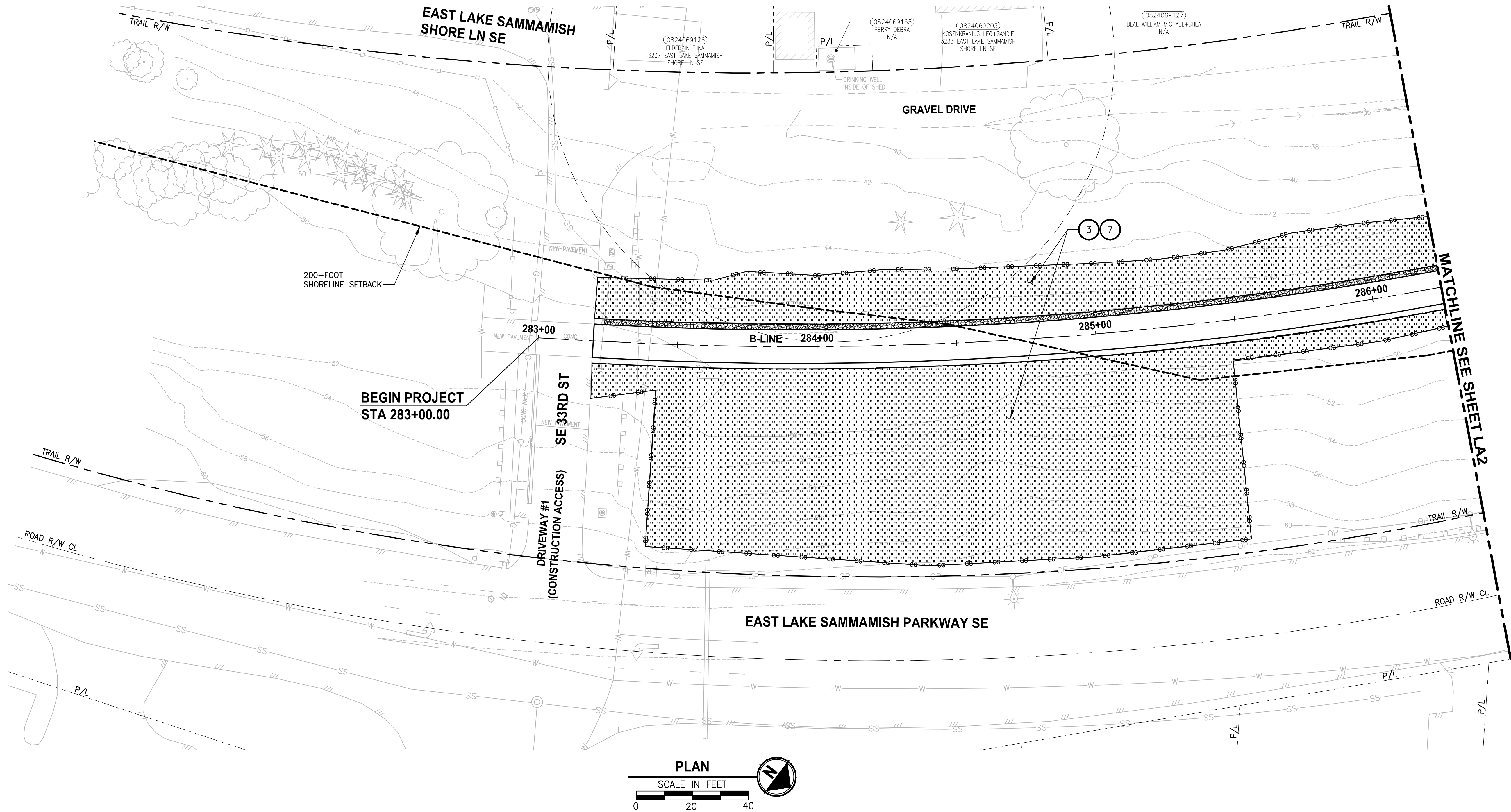


PATH: U:\PSO\Projects\Projects\CADD\Phase 19\T03 CWA\Draw-Phase1\ PLOTTED BY: purgubut DATE: Friday, November 13, 2020 9:58:57 AM LAYOUT: LA1



#### LANDSCAPE CONSTRUCTION NOTES:

1. MITIGATION CLEARING AND GRUBBING. CLEAR ALL UNWANTED VEGETATION AND GRUB ROOTS IN PLANTING AREA. REMOVE AND DISPOSE CLEARED VEGETATION LEAVING SOIL IN PLACE.
2. HERBICIDE TREATMENT. TREAT UNWANTED VEGETATION IN PLANTING AREA WITH A NON-SELECTIVE HERBICIDE. MOW, CLEAR AND DISPOSE OF ALL UNWANTED VEGETATION. WAIT TO SEE REGROWTH AND TREAT WITH HERBICIDE A SECOND TIME. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
3. TILLING. LOOSEN SOIL IN PLANTING AREA BY RIPPING OR TILLING TO A DEPTH OF 18". HAND TILL ONLY WITHIN THE DRIPLINE OF EXISTING TREES AND SHRUBS.
4. SOIL AMENDMENT. PLACE 3" SOIL AMENDMENT AND TILL INTO SOIL TO A DEPTH OF 10" THROUGHOUT ENTIRE PLANTING AREA. SEE DETAIL 6 ON SHEET LD1.
5. FINE COMPOST. PRIOR TO PLANTING AND PLACEMENT OF MULCH PLACE A 3" LAYER OF FINE COMPOST OVER THE ENTIRE SURFACE OF THE AREA PLANTED.
6. TOPSOIL A. PLACE 12" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
7. TOPSOIL A. PLACE 6" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
8. WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF THE AREA PLANTED.

#### GENERAL NOTES:

1. SEE SHEETS LD1 AND LD2 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD3 AND LD4 FOR MITIGATION AREA REQUIREMENTS.
2. MITIGATION CLEARING AND GRUBBING OCCURS ONLY OUTSIDE OF CLEARING AND GRUBBING LIMITS. USE ONLY HAND TOOLS AND METHODS WHEN WORKING INSIDE THE DRIPLINE AREA OF EXISTING TREES AND SHRUBS. SEE SPECIFICATIONS FOR UNWANTED VEGETATION LIST AND ADDITIONAL REQUIREMENTS.
3. CONTRACTOR SHALL SETBACK PLANTINGS FROM OTHER OBJECTS AS PROVIDED IN THE PLANT MATERIAL SETBACK CHART ON SHEET LD3.
4. PLACE 4" TOPSOIL AND SEED ALL DISTURBED AREAS NOT OTHERWISE DESIGNATED FOR PLANTING AND OUTSIDE OF WETLANDS WITH WILDFLOWER SEED MIX. WETLAND AREAS WHICH ARE TEMPORARY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

#### LEGEND:

SEEDING LAWN INSTALLATION AREA

QUANTITY TAB -FOR SHEET LA1-		
	QTY	BY AREA
LAWN		
Other Items	AREA SF	20798
TOPSOIL TYPE A- 6" DEPTH- CY		385
SEEDING LAWN- SY		2311

#### CITY OF SAMMAMISH APPROVAL

PLANNING DEPT. APPROVAL

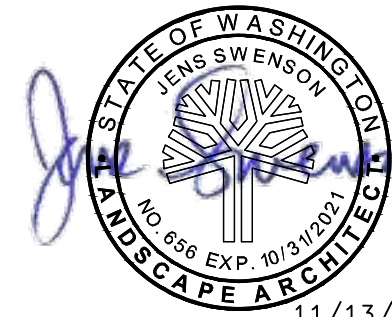
BY: ABaty  
DATE: 06/10/2021

Community Development

CITY OF SAMMAMISH PUBLIC WORKS  
DEVELOPMENT REVIEW

These drawings have been reviewed for compliance with City of Sammamish Clearing and Grading and Stormwater requirements and also in accordance with the requirements as established in the Settlement Agreement between King County vs. City of Sammamish No. C17-0921 JCC and King County vs. City of Sammamish No. 17-2-28922-7 SEA and have been deemed ACCEPTABLE. The reviewer accepts no responsibility for any errors and/or omissions made by the preparer of these drawings.  
10 June 2021

CONFORMED DRAWING



11/13/20

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PROJECT NAME

**EAST LAKE SAMMAMISH  
MASTER PLAN TRAIL  
SOUTH SAMMAMISH SEGMENT B - PHASE 1**  
SAMMAMISH, WA

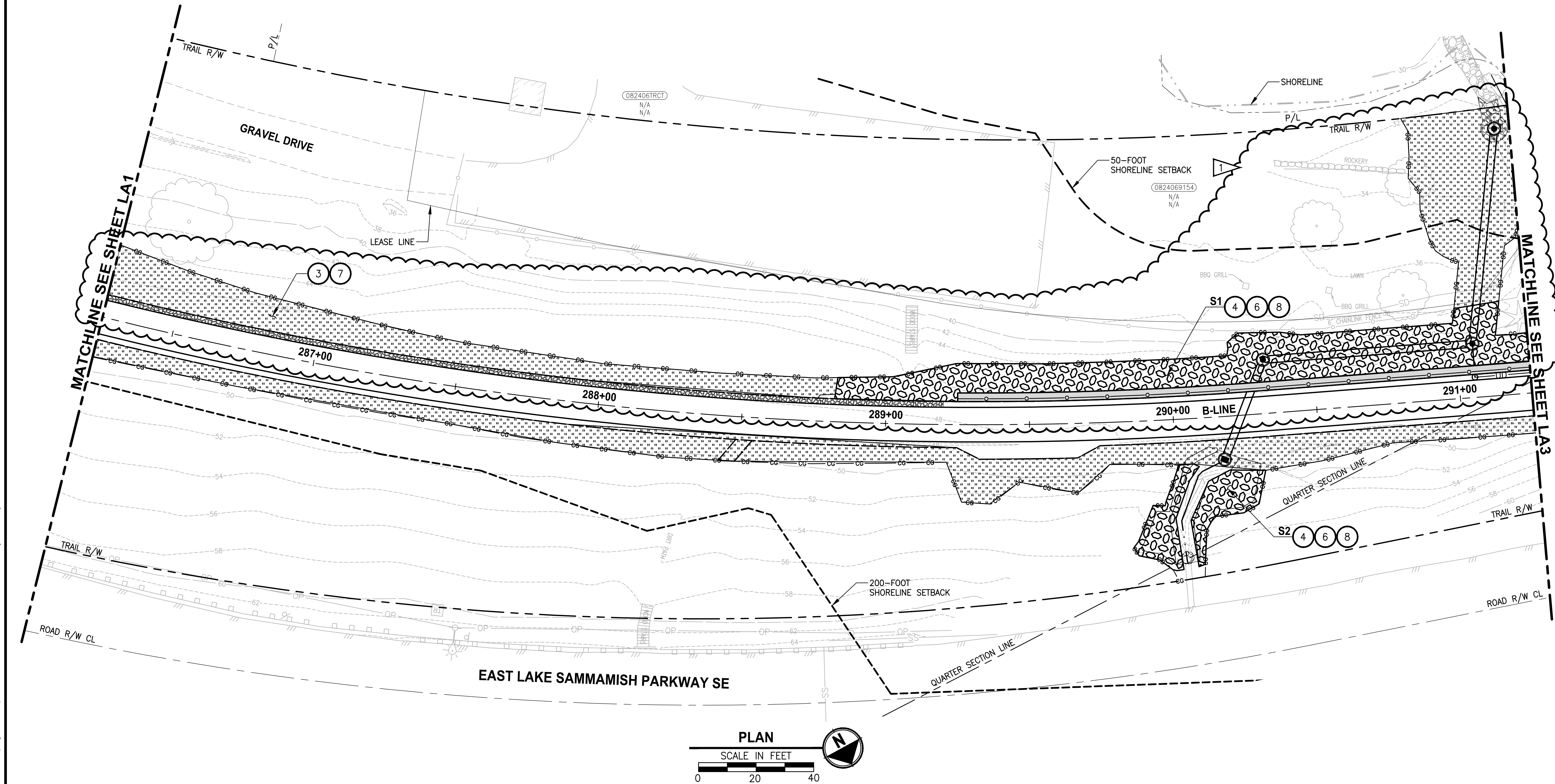
**LANDSCAPE PLAN**

SHEET NO.  
144 OF 190

**LA1**



U:\PSO\Projects\Clients\1521-075-ELST\995\CA\Phase 19\T03 CIV\DWG-Phase1\ PLOTTED BY: taunmic DATE: Tuesday, February 9, 2021 11:39:44 AM  
LAYOUT: LA2



LANDSCAPE CONSTRUCTION NOTES:

1. MITIGATION CLEARING AND GRUBBING. CLEAR ALL UNWANTED VEGETATION AND GRUB ROOTS IN PLANTING AREA. REMOVE AND DISPOSE CLEARED VEGETATION LEAVING SOIL IN PLACE.
2. HERBICIDE TREATMENT. TREAT UNWANTED VEGETATION IN PLANTING AREA WITH A NON-SELECTIVE HERBICIDE. MOW, CLEAR AND DISPOSE OF ALL UNWANTED VEGETATION. WAIT TO SEE REGROWTH AND TREAT WITH HERBICIDE A SECOND TIME. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
3. TILLING. LOOSEN SOIL IN PLANTING AREA BY RIPPING OR TILLING TO A DEPTH OF 18". HAND TILL ONLY WITHIN THE DRIPLINE OF EXISTING TREES AND SHRUBS.
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5. FINE COMPOST. PRIOR TO PLANTING AND PLACEMENT OF MULCH PLACE A 3" LAYER OF FINE COMPOST OVER THE ENTIRE SURFACE OF THE AREA PLANTED.
6. TOPSOIL A. PLACE 12" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
7. TOPSOIL A. PLACE 6" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
8. WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF THE AREA PLANTED.

GENERAL NOTES:

1. SEE SHEETS LD1 AND LD2 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD3 AND LD4 FOR MITIGATION AREA REQUIREMENTS.
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3. CONTRACTOR SHALL SETBACK PLANTINGS FROM OTHER OBJECTS AS PROVIDED IN THE PLANT MATERIAL SETBACK CHART ON SHEET LD3.
4. PLACE 4" TOPSOIL AND SEED ALL DISTURBED AREAS NOT OTHERWISE DESIGNATED FOR PLANTING AND OUTSIDE OF WETLANDS WITH WILDFLOWER SEED MIX. WETLAND AREAS WHICH ARE TEMPORARILY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

LEGEND:

- SEEDING LAWN INSTALLATION AREA
- SHRUB PLANTING AREA

QUANTITY TAB -FOR SHEET LA2-				
		QTY BY AREA		
		S1	S2	LAWN
Trees	AREA SF	3004	705	8073
SHORE PINE		7	0	0
WHITE WONDER DOGWOOD		7	0	0
Medium and Large Shrubs				
VINE MAPLE		8	0	0
WESTERN SERVICEBERRY		8	0	0
RED-TWIG DOGWOOD		0	7	0
OCEAN SPRAY		0	7	0
TALL OREGON GRAPE		12	0	0
PACIFIC WAX MYRTLE		4	0	0
MOCK ORANGE		8	7	0
RED FLOWERING CURRANT		8	0	0
NOOTKA ROSE		8	7	0
SNOWBERRY		12	7	0
EMERALD GREEN ARBORVITAE		35	0	0
Low Plants				
MAHONIA REPENS		89	0	0
SWORD FERN		89	0	0
Other Items				
SOIL AMENDMENT - ACRES		0.069	0.016	0
TOPSOIL TYPE A - 6" DEPTH - CY		0	0	150
TOPSOIL TYPE A - 12" DEPTH - CY		111	26	0
SEEDING LAWN - SY		0	0	897
WOOD CHIP MULCH - CY		28	7	0

CITY OF SAMMAMISH APPROVAL

PLANNING DEPT. APPROVAL

BY: Abaty

DATE: 06/10/2021

Community Development

CITY OF SAMMAMISH PUBLIC WORKS  
DEVELOPMENT REVIEW

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10 June 2021

CONFORMED DRAWING



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PROJECT NAME  
EAST LAKE SAMMAMISH  
MASTER PLAN TRAIL  
SOUTH SAMMAMISH SEGMENT B - PHASE 1  
SAMMAMISH, WA

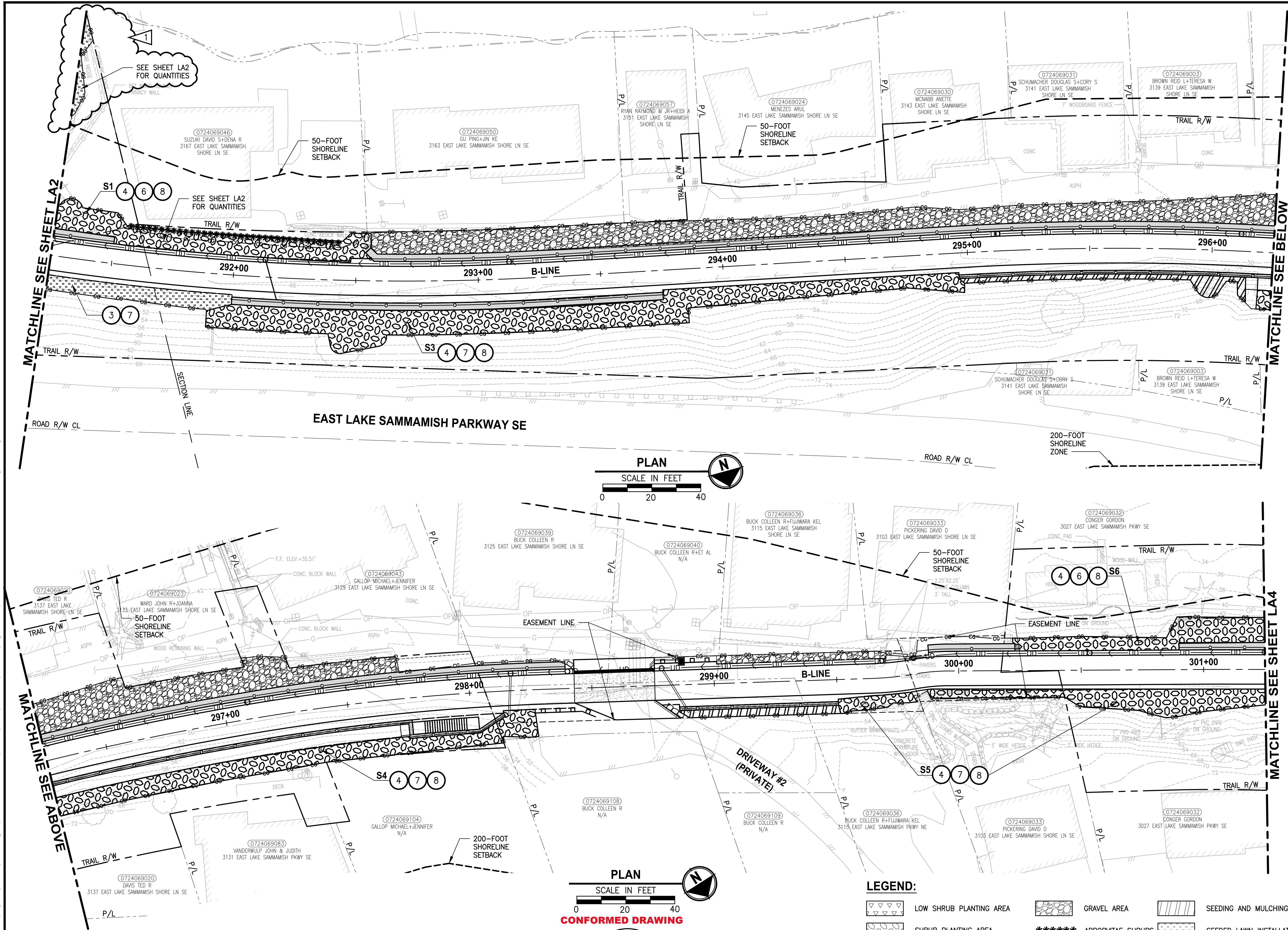
LANDSCAPE PLAN

SHEET NO.  
145 OF 190

LA2



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DATE: Tuesday, February 9, 2021 8:42:54 AM  
PLOT BY: taumic  
LAYOUT: LA3



#### LANDSCAPE CONSTRUCTION NOTES:

- MITIGATION CLEARING AND GRUBBING. CLEAR ALL UNWANTED VEGETATION AND GRUB ROOTS IN PLANTING AREA. REMOVE AND DISPOSE CLEARED VEGETATION LEAVING SOIL IN PLACE.
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- TOPSOIL A. PLACE 12" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
- TOPSOIL A. PLACE 6" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
- WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF THE AREA PLANTED.

#### GENERAL NOTES:

- SEE SHEETS LD1 AND LD2 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD3 AND LD4 FOR MITIGATION AREA REQUIREMENTS.
- MITIGATION CLEARING AND GRUBBING OCCURS ONLY OUTSIDE OF CLEARING AND GRUBBING LIMITS. USE ONLY HAND TOOLS AND METHODS WHEN WORKING INSIDE THE DRIPLINE AREA OF EXISTING TREES AND SHRUBS. SEE SPECIFICATIONS FOR UNWANTED VEGETATION LIST AND ADDITIONAL REQUIREMENTS.
- CONTRACTOR SHALL SETBACK PLANTINGS FROM OTHER OBJECTS AS PROVIDED IN THE PLANT MATERIAL SETBACK CHART ON SHEET LD3.
- PLACE 4" TOPSOIL AND SEED ALL DISTURBED AREAS NOT OTHERWISE DESIGNATED FOR PLANTING AND OUTSIDE OF WETLANDS WITH WILDFLOWER SEED MIX. WETLAND AREAS WHICH ARE TEMPORARILY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

#### QUANTITY TAB -FOR SHEET LA3-

	QTYBYAREA						
	S3	S4	S5	S6	LAWN	SEEDING	
Trees	2853	1478	1153	902	465	322	
BITTER CHERRY	4	3	0	0	0	0	
DOUGLAS FIR	5	3	0	2	0	0	
WESTERN RED CEDAR	4	3	0	2	0	0	
WHITE WONDER DOGWOOD	0	0	0	2	0	0	
Medium and Large Shrubs							
VINE MAPLE	0	0	0	2	0	0	
WESTERN SERVICEBERRY	9	6	5	2	0	0	
OCEAN SPRAY	0	0	5	2	0	0	
TALL OREGON GRAPE	18	12	11	0	0	0	
PACIFIC WAX MYRTLE	0	6	0	2	0	0	
MOCK ORANGE	14	9	8	3	0	0	
RED FLOWERING CURRANT	14	9	8	3	0	0	
NOOTKAROSE	18	0	8	3	0	0	
SNOWBERRY	18	0	8	3	0	0	
WINGED EUONYMUS	0	18	0	0	0	0	
Low Plants							
MAHONIA REPENS	35	0	43	19	0	0	
SWORD FERN	35	0	43	19	0	0	
KELSEY DWARF DOGWOOD	36	0	5	20	0	0	
DAYLILY	0	0	0	0	0	0	
LAVENDER 'HIDCOTE'	0	0	5	0	0	0	
LIME MOUND SPIREA	0	0	5	0	0	0	
DAVIDS VIBURNUM	0	0	5	0	0	0	
Other Items							
SOIL AMENDMENT - ACRES	0.065	0.034	0.026	0.021	0	0	
TOPSOIL TYPE A - 6" DEPTH - CY	53	27	21	0	9	6	
TOPSOIL TYPE A - 12" DEPTH - CY	0	0	0	33	0	0	
SEEDING - CY	0	0	0	0	52	0	
SEEDING & MULCHING - ACRES	0	0	0	0	0	0.007	
WOOD CHIP MULCH - CY	26	14	11	8	0	0	

#### CITY OF SAMMAMISH APPROVAL

PLANNING DEPT. APPROVAL

BY: Abaty

DATE: 06/10/2021

Community Dev

#### CITY OF SAMMAMISH PUBLIC WORKS DEVELOPMENT REVIEW

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10 June 2021

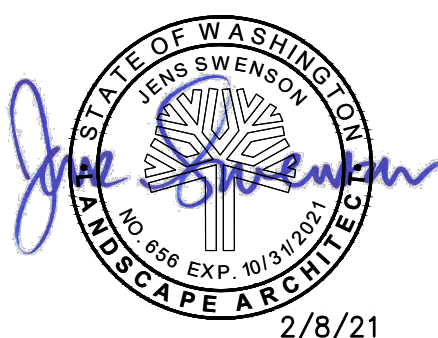
REVISIONS	DATE	BY	DESIGNED
1	ADDENDUM #1	2/8/21	CB
			J. SWENSON
			B. PURGANAN
			Y. HO
			J. BAILEY

#### ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME  
BL1521075P19T03LA-01  
JOB No.  
554-1521-075 P19 T03  
DATE  
NOVEMBER 2020

PLAN  
SCALE IN FEET  
0 20 40

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#### PROJECT NAME

EAST LAKE SAMMAMISH

MASTER PLAN TRAIL

SOUTH SAMMAMISH SEGMENT B - PHASE 1

SAMMAMISH, WA

#### LANDSCAPE PLAN

#### SHEET NO.

146 OF 190

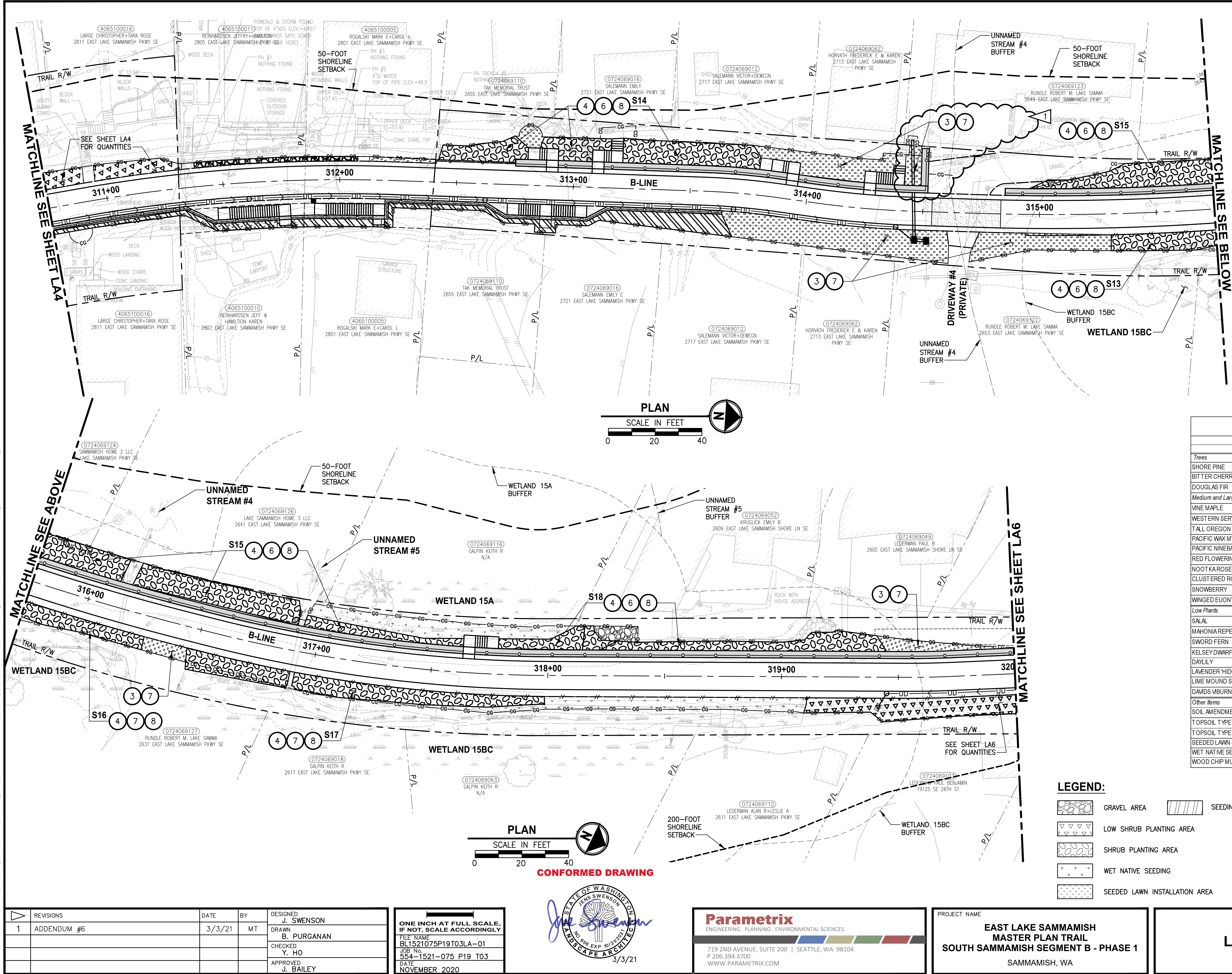
LA







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LANDSCAPE CONSTRUCTION NOTES:

- MITIGATION CLEARING AND GRUBBING. CLEAR ALL UNWANTED VEGETATION AND GRUB ROOTS IN PLANTING AREA. REMOVE AND DISPOSE CLEARED VEGETATION LEAVING SOIL IN PLACE.
- HERBICIDE TREATMENT. TREAT UNWANTED VEGETATION IN PLANTING AREA WITH A NON-SELECTIVE HERBICIDE. MOW, CLEAR AND DISPOSE OF ALL UNWANTED VEGETATION. WAIT TO SEE REGROWTH AND TREAT WITH HERBICIDE A SECOND TIME. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
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- TOPSOIL A. PLACE 12" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
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GENERAL NOTES:

- SEE SHEETS LD1 AND LD2 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD3 AND LD4 FOR MITIGATION AREA REQUIREMENTS.
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- CONTRACTOR SHALL SETBACK PLANTINGS FROM OTHER OBJECTS AS PROVIDED IN THE PLANT MATERIAL SETBACK CHART ON SHEET LD3.
- PLACE 4" TOPSOIL AND SEED ALL DISTURBED AREAS NOT OTHERWISE DESIGNATED FOR PLANTING AND OUTSIDE OF WETLANDS WITH WILDFLOWER SEED MIX. WETLAND AREAS WHICH ARE TEMPORARY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

QUANTITY TAB -FOR SHEET LA5-

		QTY BY AREA							
		S14	SEEDING	LAWN	WET SEED	S15	S16	S17	S18
Trees	AREA SF	1081	1052	2637	1382	1909	659	996	864
SHORE PINE		0	0	0	0	4	0	0	0
BITTER CHERRY		0	0	0	0	4	0	0	0
DOUGLAS FIR		0	0	0	0	4	0	0	0
Medium and Large Shrubs									
VINE MAPLE		2	0	0	0	0	0	0	0
WESTERN SERVICEBERRY		2	0	0	0	0	0	0	0
TALL OREGON GRAPE		5	0	0	0	6	0	0	11
PACIFIC WAX MYRTLE		0	0	0	0	6	4	0	0
PACIFIC NINEBARK		5	0	0	0	6	2	0	0
RED FLOWERING CURRANT		5	0	0	0	0	2	0	0
NOOTKAROSE		0	0	0	0	6	0	0	0
CLUSTERED ROSE		0	0	0	0	0	0	12	0
SNOWBERRY		0	0	0	0	6	0	12	12
WINGED EUONYMUS		5	0	0	0	0	0	0	11
Low Plants									
SALAL		0	0	0	0	0	20	0	0
MAHONIA REPENS		0	0	0	0	29	20	46	0
SWORD FERN		15	0	0	0	0	20	46	0
KELSEY DWARF DOGWOOD		20	0	0	0	0	0	0	6
DAYLILY		20	0	0	0	29	0	0	0
LAVENDER 'HIDCOTE'		10	0	0	0	0	0	0	6
LIME MOUND SPIREA		15	0	0	0	0	0	0	6
DAVIDS MBURNUM		20	0	0	0	30	0	0	6
Other Items									
SOIL AMENDMENT - ACRES		0.025	0	0	0.032	0.044	0.015	0.023	0.02
TOPSOIL TYPE A - 6" DEPTH - CY		0	19	49	0	0	12	0	0
TOPSOIL TYPE A - 12" DEPTH - CY		40	0	0	0	71	0	37	32
SEEDDED LAWN - SY		0	0	0	0	0	0	0	0
WET NATIVE SEEDING - SY		0	0	0	154	0	0	0	0
WOOD CHIP MULCH - CY		10	0	0	0	18	6	9	8

LEGEND:

- GRAVEL AREA
- LOW SHRUB PLANTING AREA
- SHRUB PLANTING AREA
- WET NATIVE SEEDING
- SEEDDED LAWN INSTALLATION AREA
- SEEDING AND MULCHING

CITY OF SAMMAMISH APPROVAL

PLANNING DEPT. APPROVAL  
BY: Abaty  
DATE: 06/10/2021

Community Dev

CITY OF SAMMAMISH PUBLIC WORKS  
DEVELOPMENT REVIEW  
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10 June 2021

REVISIONS	DATE	BY	DESIGNED
1	ADDENDUM #6	3/3/21	MT
			J. SWENSON
			B. PURGANAN
			Y. HO
			J. BAILEY

ONE INCH AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY  
FILE NAME  
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PROJECT NAME  
EAST LAKE SAMMAMISH  
MASTER PLAN TRAIL  
SOUTH SAMMAMISH SEGMENT B - PHASE 1  
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.  
148 OF 190

LA

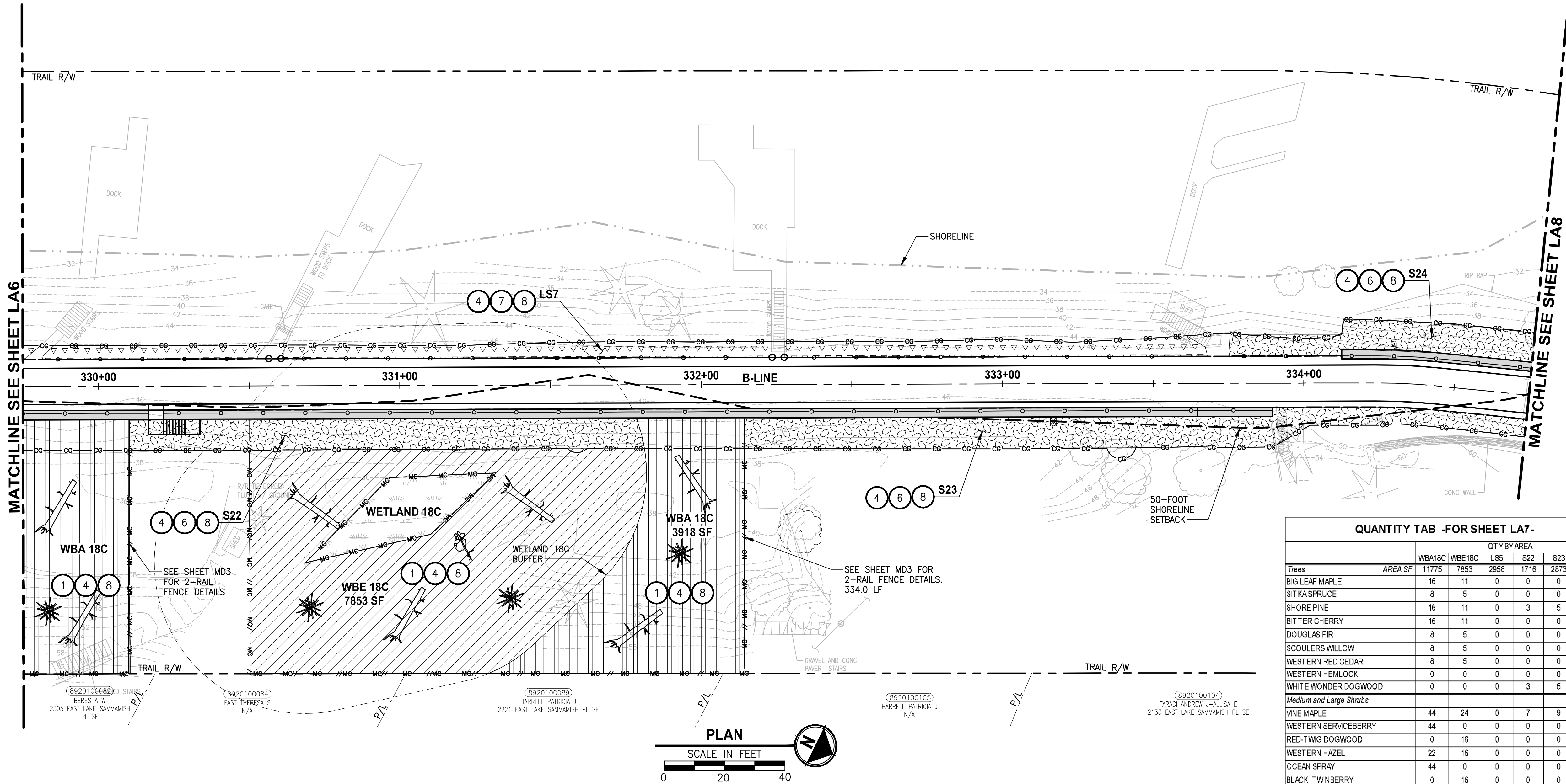






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LAYOUT: LA7



#### LANDSCAPE CONSTRUCTION NOTES:

1. MITIGATION CLEARING AND GRUBBING. CLEAR ALL UNWANTED VEGETATION AND GRUB ROOTS IN PLANTING AREA. REMOVE AND DISPOSE CLEARED VEGETATION LEAVING SOIL IN PLACE.
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#### GENERAL NOTES:

1. SEE SHEETS LD1 AND LD2 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD3 AND LD4 FOR MITIGATION AREA REQUIREMENTS.
2. MITIGATION CLEARING AND GRUBBING OCCURS ONLY OUTSIDE OF CLEARING AND GRUBBING LIMITS. USE ONLY HAND TOOLS AND METHODS WHEN WORKING INSIDE THE DRIPLINE AREA OF EXISTING TREES AND SHRUBS. SEE SPECIFICATIONS FOR UNWANTED VEGETATION LIST AND ADDITIONAL REQUIREMENTS.
3. CONTRACTOR SHALL SETBACK PLANTINGS FROM OTHER OBJECTS AS PROVIDED IN THE PLANT MATERIAL SETBACK CHART ON SHEET LD3.
4. PLACE 4" TOPSOIL AND SEED ALL DISTURBED AREAS NOT OTHERWISE DESIGNATED FOR PLANTING AND OUTSIDE OF WETLANDS WITH WILDFLOWER SEED MIX. WETLAND AREAS WHICH ARE TEMPORARY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

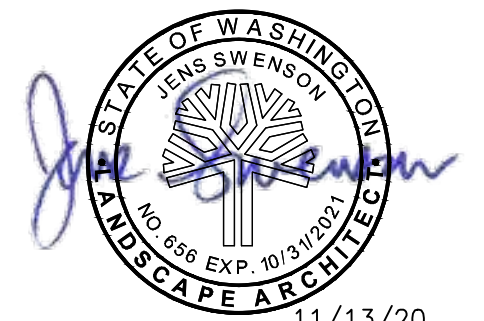
#### LEGEND:

- SHRUB PLANTING AREA
- WETLAND BUFFER ENHANCEMENT AREA
- WETLAND BUFFER ADDITION AREA
- HABITAT LOG
- HABITAT BRUSH PILE
- HABITAT ROCK PILE
- 2-RAIL FENCE

#### QUANTITY TAB -FOR SHEET LA7-

		QTY BY AREA					
		WBA18C	WBE18C	LS5	S22	S23	S24
Trees	AREA SF	11775	7853	2958	1716	2873	1851
BIG LEAF MAPLE		16	11	0	0	0	2
SITKASPRUCE		8	5	0	0	0	0
SHORE PINE		16	11	0	3	5	0
BITTER CHERRY		16	11	0	0	0	2
DOUGLAS FIR		8	5	0	0	0	2
SCOUERS WILLOW		8	5	0	0	0	0
WESTERN RED CEDAR		8	5	0	0	0	2
WESTERN HEMLOCK		0	0	0	0	0	2
WHITE WONDER DOGWOOD		0	0	0	3	5	0
Medium and Large Shrubs							
VINE MAPLE		44	24	0	7	9	6
WESTERN SERVICEBERRY		44	0	0	0	0	0
RED-TWIG DOGWOOD		0	16	0	0	0	0
WESTERN HAZEL		22	16	0	0	0	0
OCEAN SPRAY		44	0	0	0	0	0
BLACK TWINBERRY		0	16	0	0	0	0
TALL OREGON GRAPE		0	24	0	13	19	12
PACIFIC CRAB APPLE		0	33	0	0	0	0
PACIFIC WAX MYRTLE		0	0	0	7	9	6
OSO BERRY		44	0	0	0	0	0
MOCK ORANGE		44	0	0	7	9	6
PACIFIC NINEBARK		22	0	0	0	0	0
RED FLOWERING CURRANT		44	0	0	10	14	9
NOOTKAROSE		44	0	0	13	19	12
SNOWBERRY		66	33	0	0	0	0
WINGED EUONYMUS		0	0	0	10	14	9
Low Plants							
SALAL		29	0	82	10	37	17
MAHONIA REPENS		29	0	82	10	37	17
SWORD FERN		30	0	82	11	38	17
KELSEY DWARF DOGWOOD		0	0	82	0	0	0
DAYLILY		0	0	82	0	0	0
Other Items							
MITIGATION CLEARING & GRUBBING		0.241	0.108	0	0	0	0
SOIL AMENDMENT - ACRES		0.27	0.108	0.068	0.039	0.066	0.042
TOPSOIL TYPE A - 6" DEPTH - CY		0	0	55	0	0	0
TOPSOIL TYPE A - 12" DEPTH - CY		0	0	0	64	106	69
WOOD CHIP MULCH - CY		109	44	27	16	27	17
BRUSH PILE		3	2	0	0	0	0
HABITAT LOG		4	3	0	0	0	0
HABITAT ROCK PILE		1	1	0	0	0	0

CONFORMED DRAWING



11/13/20

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PROJECT NAME

**EAST LAKE SAMMAMISH  
MASTER PLAN TRAIL  
SOUTH SAMMAMISH SEGMENT B - PHASE 1**  
SAMMAMISH, WA

**LANDSCAPE PLAN**

SHEET NO.  
150 OF 190

**LA7**

**ONE INCH AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY**  
FILE NAME  
BL1521075P19T03LA-02  
JOB No.  
554-1521-075 P19 T03  
DATE  
NOVEMBER 2020

DESIGNED  
J. SWENSON  
DRAWN  
B. PURGANAN  
CHECKED  
Y. HO  
APPROVED  
J. BAILEY

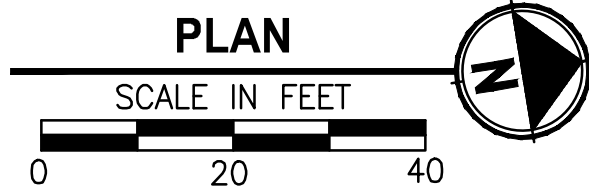
DATE

BY

REVISIONS

CITY OF SAMMAMISH APPROVAL	
PLANNING DEPT. APPROVAL BY: Abaty DATE: 06/10/2021	CITY OF SAMMAMISH PUBLIC WORKS DEVELOPMENT REVIEW These drawings have been reviewed for compliance with City of Sammamish Clearing and Grading and Stormwater requirements and also in accordance with the requirements as established in the Settlement Agreement between King County vs. City of Sammamish No. C17-0921 JCC and King County vs. City of Sammamish No. 17-2-28922-7 SEA and have been deemed ACCEPTABLE. The reviewer accepts no responsibility for any errors and/or omissions made by the preparer of these drawings. 10 June 2021



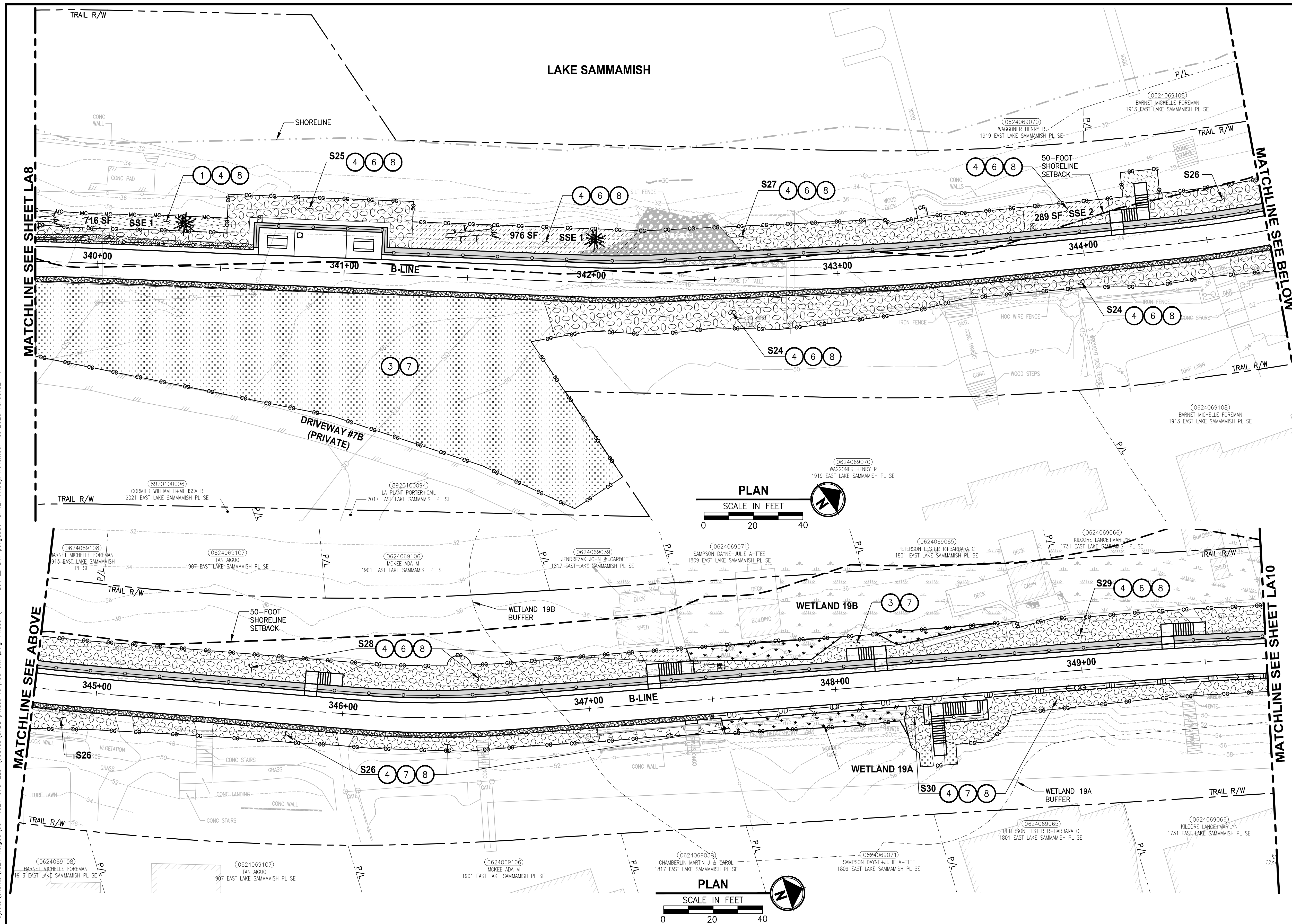


QUANTITY TAB -FOR SHEET LA8-	
	QTY BY AREA
	LAWN
Other Items AREA SF	7395
TOPSOIL TYPE A, 6" DEPTH	137
SEEDED LAWN	822

CITY OF SAMMAMISH APPROVAL	
<b>PLANNING DEPT. APPROVAL</b>  <b>BY: A.Baty</b> <b>DATE: 06/10/2021</b>	<b>CITY OF SAMMAMISH PUBLIC WORKS DEVELOPMENT REVIEW</b>  These drawings have been reviewed for compliance with City of Sammamish Cleaning and Grading and Stormwater requirements and also in accordance with the requirements as established in the Settlement Agreement between King County vs. City of Sammamish No. 17-2-2992-7 and King County vs. City of Sammamish No. 17-2-2992-7 SEA and have been deemed <b>ACCEPTABLE</b> . The reviewer accepts no responsibility for any errors and/or omissions made by the preparer of these drawings.  <div style="text-align: right;"><b>10 June 2021</b></div>

**LA8**





**LANDSCAPE CONSTRUCTION NOTES:**

- 1 MITIGATION CLEARING AND GRUBBING. CLEAR ALL UNWANTED VEGETATION AND GRUB ROOTS IN PLANTING AREA. REMOVE AND DISPOSE CLEARED VEGETATION LEAVING SOIL IN PLACE.
- 2 HERBICIDE TREATMENT. TREAT UNWANTED VEGETATION IN PLANTING AREA WITH A POST-EMERGENT, SELECTIVE HERBICIDE. MOW, CHOP AND DISCARD ALL UNWANTED VEGETATION. WAIT TO SEE REGROWTH AND TREAT WITH HERBICIDE A SECOND TIME. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- 3 TILLING. LOOSEN SOIL IN PLANTING AREA BY RIPPING OR TILLING TO A DEPTH OF 18". HAND TILL ONLY WITHIN THE DRIPLINE OF EXISTING TREES AND SHRUBS.
- 4 SOIL AMENDMENT. PLACE 3" SOIL AMENDMENT AND TILL INTO SOIL TO A DEPTH OF 10" THROUGHOUT ENTIRE PLANTING AREA. SEE DETAIL 6 ON SHEET LD1.
- 5 FINE COMPOST. PRIOR TO PLANTING AND PLACEMENT OF MULCH PLACE A 3" LAYER OF FINE COMPOST OVER THE ENTIRE SURFACE OF THE AREA PLANTED.
- 6 TOPSOIL A. PLACE 12" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
- 7 TOPSOIL A. PLACE 6" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
- 8 WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF THE AREA PLANTED.

**GENERAL NOTES:**


1. SEE SHEETS LD1 AND LD2 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD3 AND LD4 FOR MITIGATION AREA REQUIREMENTS.
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3. CONTRACTOR SHALL SETBACK PLANTINGS FROM OTHER OBJECTS AS PROVIDED IN THE PLANT MATERIAL SETBACK CHART ON SHEET LD3.
4. PLACE 4" TOPSOIL AND SEED ALL DISTURBED AREAS NOT OTHERWISE DESIGNATED FOR PLANTING AND OUTSIDE OF WETLANDS WITH WILDFLOWER SEED MIX. WETLAND AREAS WHICH ARE TEMPORARY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

**LEGEND:**

- 
- SEEDED LAWN INSTALLATION AREA
- LOW SHRUB PLANTING AREA
- SHRUB PLANTING AREA
- SHORELINE SETBACK ENHANCEMENT AREA
- WET NATIVE SEEDING
- HABITAT LOG
- BRUSH PILE

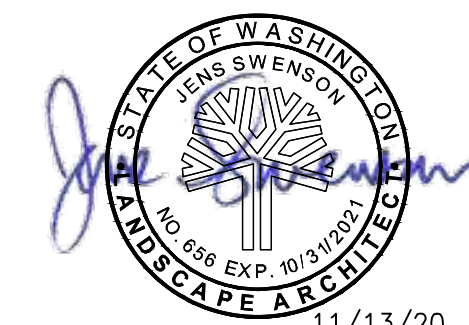
**NOTE:**  
SEE SHEET LA13 FOR QUANTITY INFORMATION.

CITY OF SAMMAMISH APPROVAL	
<b>PLANNING DEPT. APPROVAL</b>  BY: A:baty DATE: 06/10/2021	<b>CITY OF SAMMAMISH PUBLIC WORKS DEPARTMENT REVIEW</b>  These drawings have been reviewed for compliance with a City of Sammamish Clearing and Grading and Stormwater requirements and also in accordance with the requirements as established in the Settlement Agreement between King County vs. City of Sammamish No. C17-5921 JCC and King County vs. City of Sammamish No. C1992-7 SEA and have been deemed ACCEPTABLE. The reviewer accepts no responsibility for any errors and/or omissions made by the preparer of these drawings.  <b>10 June 2021</b>
<b>Community Development Review</b>	

<div style="border: 1px solid black; padding: 2px; text-align: center;">  </div>	REVISIONS	DATE	BY	DESIGNED J. SWENSON
				DRAWN B. PURGANAN
				CHECKED Y. HO
				APPROVED J. BAILEY

**ONE INCH AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY**

FILE NAME
BL1521075P19T03LA-02
JOB No.
554-1521-075 P19 T03
DATE
NOVEMBER 2020



PROJECT NAME

**EAST LAKE SAMMAMISH  
MASTER PLAN TRAIL  
SOUTH SAMMAMISH SEGMENT B - PHASE 1**

SAMMAMISH, WA

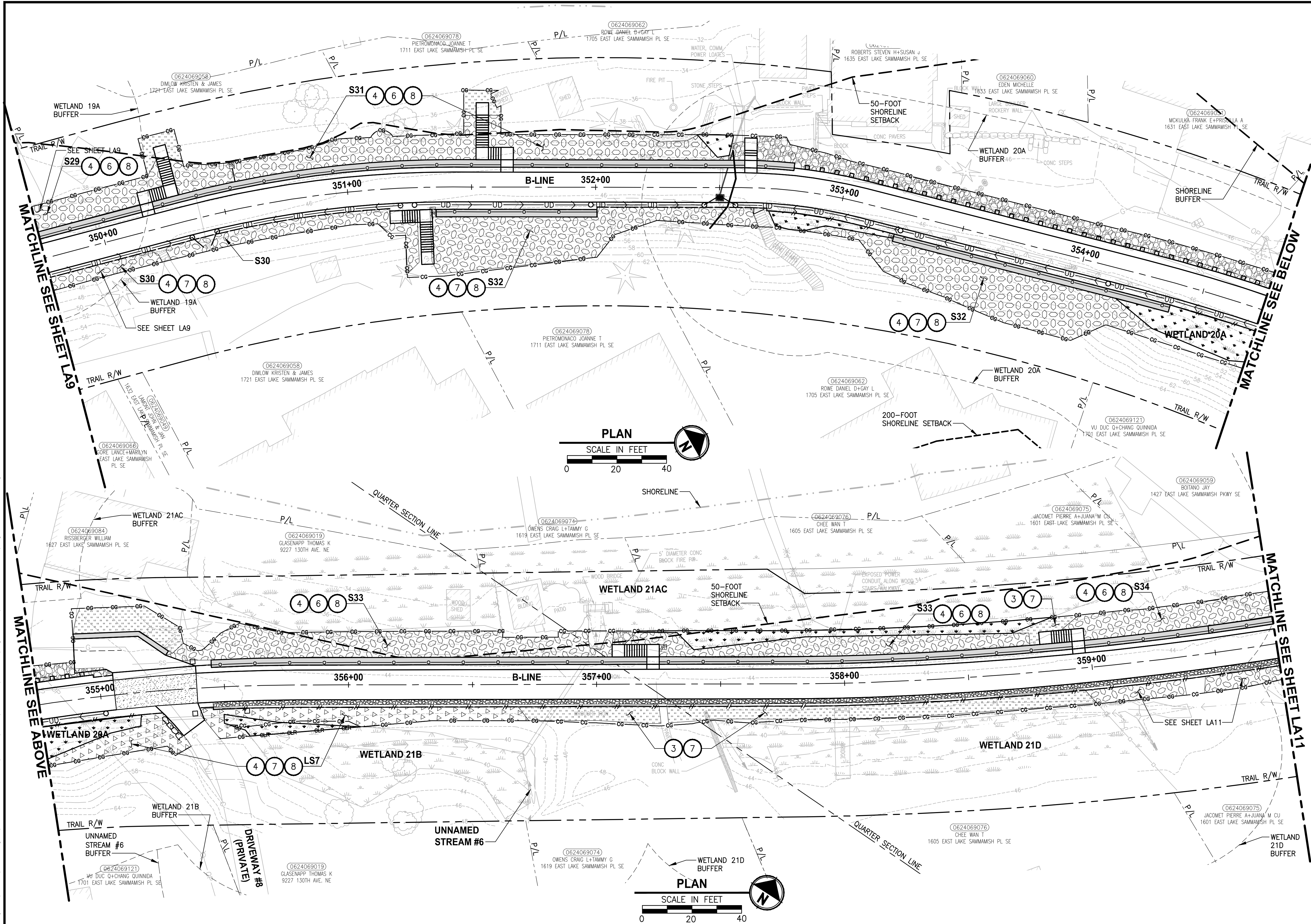
## LANDSCAPE PLAN

SHEET NO.  
152 OF 190

**LA9**



PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995vcs\CADD\Phase 19 T03 Civil\DWG-Phase1\ PLOTTED BY: purgubout DATE: Friday, November 13, 2020 10:04:07 AM LAYOUT: LA10



#### LANDSCAPE CONSTRUCTION NOTES:

1. MITIGATION CLEARING AND GRUBBING. CLEAR ALL UNWANTED VEGETATION AND GRUB ROOTS IN PLANTING AREA. REMOVE AND DISPOSE CLEARED VEGETATION LEAVING SOIL IN PLACE.
2. HERBICIDE TREATMENT. TREAT UNWANTED VEGETATION IN PLANTING AREA WITH A NON-SELECTIVE HERBICIDE. MOW, CLEAR AND DISPOSE OF ALL UNWANTED VEGETATION. WAIT TO SEE REGROWTH AND TREAT WITH HERBICIDE A SECOND TIME. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
3. TILLING. LOOSEN SOIL IN PLANTING AREA BY RIPPING OR TILLING TO A DEPTH OF 18". HAND TILL ONLY WITHIN THE DRIPLINE OF EXISTING TREES AND SHRUBS.
4. SOIL AMENDMENT. PLACE 3" SOIL AMENDMENT AND TILL INTO SOIL TO A DEPTH OF 10" THROUGHOUT ENTIRE PLANTING AREA. SEE DETAIL 6 ON SHEET LD1.
5. FINE COMPOST. PRIOR TO PLANTING AND PLACEMENT OF MULCH PLACE A 3" LAYER OF FINE COMPOST OVER THE ENTIRE SURFACE OF THE AREA PLANTED.
6. TOPSOIL A. PLACE 12" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
7. TOPSOIL A. PLACE 6" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
8. WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF THE AREA PLANTED.

#### GENERAL NOTES:

1. SEE SHEETS LD1 AND LD2 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD3 AND LD4 FOR MITIGATION AREA REQUIREMENTS.
2. MITIGATION CLEARING AND GRUBBING OCCURS ONLY OUTSIDE OF CLEARING AND GRUBBING LIMITS. USE ONLY HAND TOOLS AND METHODS WHEN WORKING INSIDE THE DRIPLINE AREA OF EXISTING TREES AND SHRUBS. SEE SPECIFICATIONS FOR UNWANTED VEGETATION LIST AND ADDITIONAL REQUIREMENTS.
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4. PLACE 4" TOPSOIL AND SEED ALL DISTURBED AREAS NOT OTHERWISE DESIGNATED FOR PLANTING AND OUTSIDE OF WETLANDS WITH WILDFLOWER SEED MIX. WETLAND AREAS WHICH ARE TEMPORARILY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

#### LEGEND:

- SEEDING LAWN INSTALLATION AREA
- LOW SHRUB PLANTING AREA
- SHRUB PLANTING AREA
- WET NATIVE SEEDING
- GRAVEL AREA

NOTE:  
SEE SHEET LA13 FOR QUANTITY INFORMATION.

#### CITY OF SAMMAMISH APPROVAL

PLANNING DEPT. APPROVAL  
BY: Abaty  
DATE: 06/10/2021  
Community Dev

CITY OF SAMMAMISH PUBLIC WORKS  
DEVELOPMENT REVIEW  
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10 June 2021

REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			CHECKED
			Y. HO
			APPROVED
			J. BAILEY

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P19T03LA-02
JOB No. 554-1521-075 P19 T03
DATE NOVEMBER 2020



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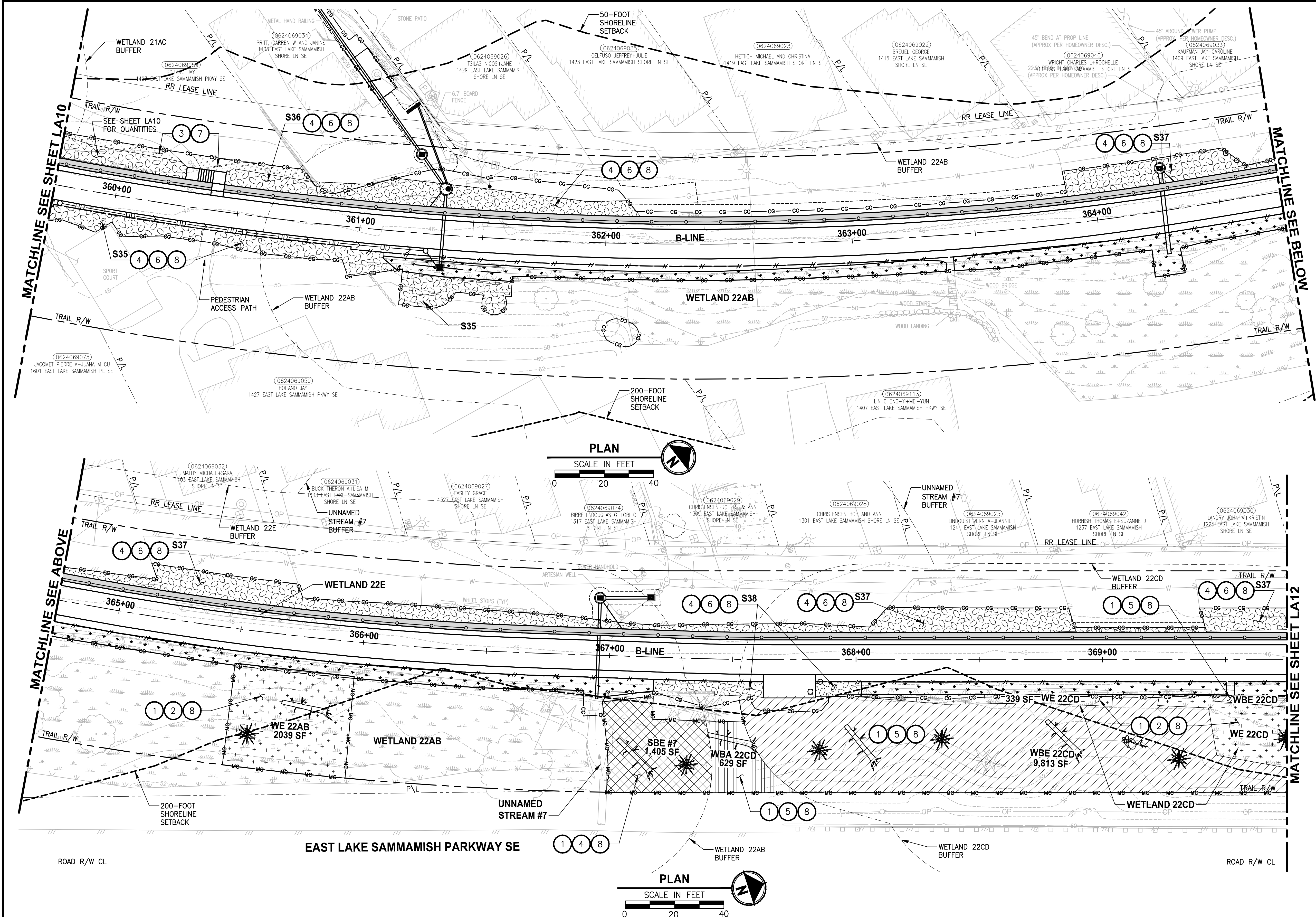
PROJECT NAME  
**EAST LAKE SAMMAMISH  
MASTER PLAN TRAIL  
SOUTH SAMMAMISH SEGMENT B - PHASE 1**  
SAMMAMISH, WA

#### LANDSCAPE PLAN

SHEET NO.  
153 OF 190  
**LA10**



PATH: U:\P50\Projects\Clients\1521-075-ELST\99Sves\CADD\Phase 19\T03 Civil\Draw-Phase1\ PLOTTED BY: purgaban DATE: Friday, November 13, 2020 10:04:43 AM LAYOUT: LA11



#### LANDSCAPE CONSTRUCTION NOTES:

- MITIGATION CLEARING AND GRUBBING. CLEAR ALL UNWANTED VEGETATION AND GRUB ROOTS IN PLANTING AREA. REMOVE AND DISPOSE CLEARED VEGETATION LEAVING SOIL IN PLACE.
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#### LEGEND:

- SEEDING LAWN INSTALLATION AREA
- SHRUB PLANTING AREA
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- WETLAND BUFFER ENHANCEMENT AREA
- WETLAND BUFFER ADDITION AREA
- STREAM BUFFER ENHANCEMENT AREA
- GRAVEL AREA
- HABITAT LOG
- HABITAT BRUSH PILE
- HABITAT ROCK PILE

NOTE:  
SEE SHEET LA13 FOR QUANTITY INFORMATION.

#### CITY OF SAMMAMISH APPROVAL

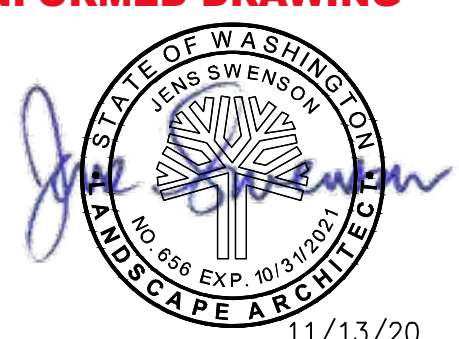
PLANNING DEPT. APPROVAL  
BY: ABaty  
DATE: 06/10/2021

Community Dev

CITY OF SAMMAMISH PUBLIC WORKS  
DEVELOPMENT REVIEW  
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10 June 2021

REVISIONS	DATE	BY	DESIGNED
			J. SWENSON
			B. PURGANAN
			CHECKED
			Y. HO
			APPROVED
			J. BAILEY

ONE INCH AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY  
FILE NAME  
BL1521075P19T03LA-02  
JOB No.  
554-1521-075 P19 T03  
DATE  
NOVEMBER 2020



11/13/20

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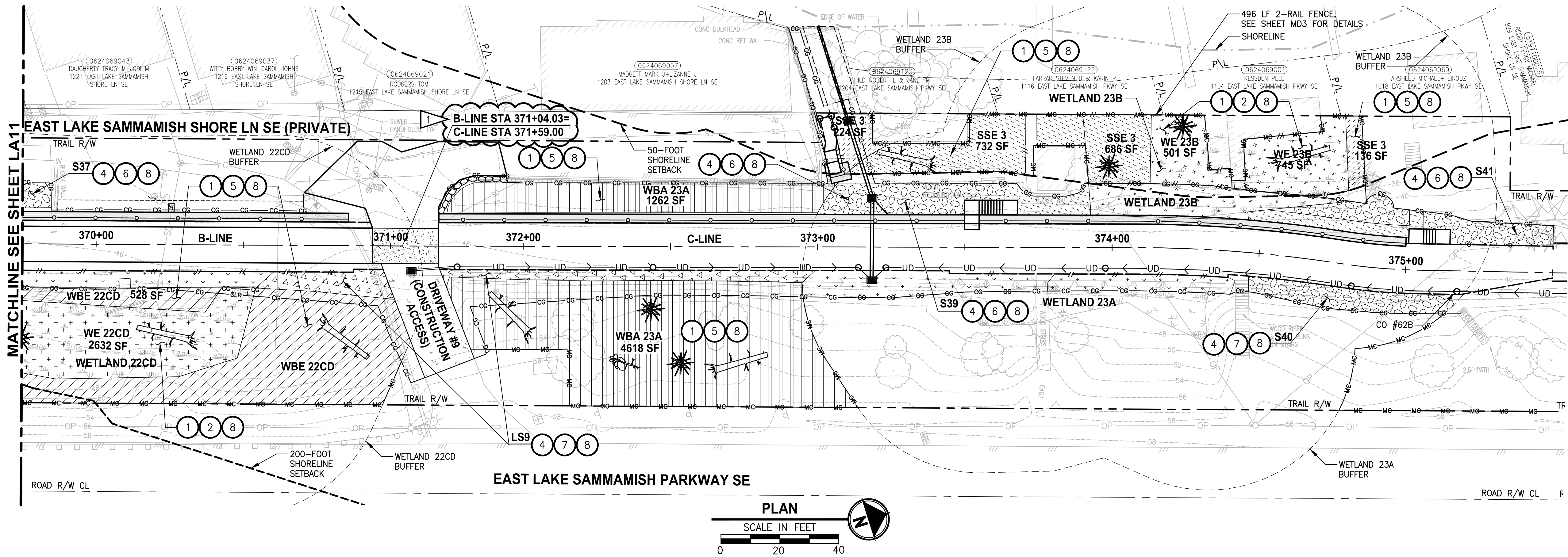
PROJECT NAME  
**EAST LAKE SAMMAMISH  
MASTER PLAN TRAIL  
SOUTH SAMMAMISH SEGMENT B - PHASE 1**  
SAMMAMISH, WA

#### LANDSCAPE PLAN

SHEET NO.  
154 OF 190  
**LA11**



PATH: U:\VPSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 19\T03\_Civil\DWG-Phase1\ PLOTTED BY: tsunmic DATE: Tuesday, February 9, 2021 8:38:41 AM LAYOUT: LA12



**LANDSCAPE CONSTRUCTION NOTES:**

- 1 MITIGATION CLEARING AND GRUBBING. CLEAR ALL UNWANTED VEGETATION AND GRUB ROOTS IN PLANTING AREA. REMOVE AND DISPOSE CLEARED VEGETATION LEAVING SOIL IN PLACE.
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- 8 WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF THE AREA PLANTED.

**GENERAL NOTES:**

1. SEE SHEETS LD1 AND LD2 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD3 AND LD4 FOR MITIGATION AREA REQUIREMENTS.
2. MITIGATION CLEARING AND GRUBBING OCCURS ONLY OUTSIDE OF CLEARING AND GRUBBING LIMITS. USE ONLY HAND TOOLS AND METHODS WHEN WORKING INSIDE THE DRIPLINE AREA OF EXISTING TREES AND SHRUBS. SEE SPECIFICATIONS FOR UNWANTED VEGETATION LIST AND ADDITIONAL REQUIREMENTS.
3. CONTRACTOR SHALL SETBACK PLANTINGS FROM OTHER OBJECTS AS PROVIDED IN THE PLANT MATERIAL SETBACK CHART ON SHEET LD3.
4. PLACE 4" TOPSOIL AND SEED ALL DISTURBED AREAS NOT OTHERWISE DESIGNATED FOR PLANTING AND OUTSIDE OF WETLANDS WITH WILDFLOWER SEED MIX. WETLAND AREAS WHICH ARE TEMPORARY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

**LEGEND:**

- LOW SHRUB PLANTING AREA
- SHRUB PLANTING AREA
- WETLAND ENHANCEMENT AREA
- WETLAND BUFFER ENHANCEMENT AREA
- WETLAND BUFFER ADDITION AREA
- SHORELINE SETBACK ENHANCEMENT AREA
- WET NATIVE SEEDING
- RIPARIAN PLANTING AREA
- SEEDED LAWN INSTALLATION AREA
- HABITAT LOG
- HABITAT BRUSH PILE
- HABITAT ROCK PILE
- TWO-RAIL FENCE

**NOTE:**  
SEE SHEET LA13 FOR QUANTITY INFORMATION.

**CITY OF SAMMAMISH APPROVAL**

**PLANNING DEPT. APPROVAL**

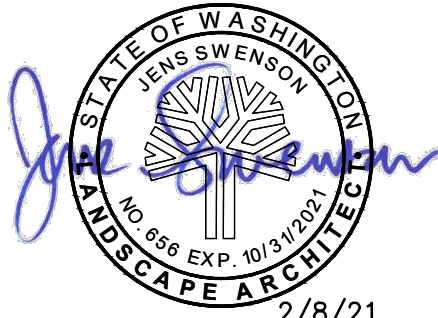
BY: ABaty  
DATE: 06/10/2021

**Community Development**

**CITY OF SAMMAMISH PUBLIC WORKS DEVELOPMENT REVIEW**

These drawings have been reviewed for compliance with City of Sammamish Clearing and Grading and Stormwater requirements and also in accordance with the requirements as established in the Settlement Agreement between King County vs. City of Sammamish No. C17-0921 JCC and King County vs. City of Sammamish No. 17-2-28922-7 SEA and have been deemed ACCEPTABLE. The reviewer accepts no responsibility for any errors and/or omissions made by the preparer of these drawings.  
10 June 2021

**CONFORMED DRAWING**



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PROJECT NAME  
**EAST LAKE SAMMAMISH  
MASTER PLAN TRAIL  
SOUTH SAMMAMISH SEGMENT B - PHASE 1**  
SAMMAMISH, WA

**LANDSCAPE PLAN**

SHEET NO.  
155 OF 190

**LA12**



PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 19\T03 Civil Dwg-Phase1\ PLOTTED BY: tsunnic DATE: Tuesday, February 9, 2021 8:37:24 AM LAYOUT: LA13

QUANTITY TAB -FOR SHEET LA9-												
QTY BY AREA												
	SSE1	SSE2	S26	S26	S27	S28	S29	LS6	S30	WET SEED	LAWN	
Trees	AREA SF	1692	289	1475	3911	1297	2803	2010	280	1935	0	11682
SHORE PINE		0	2	2	0	2	2	0	0	0	0	0
BITTER CHERRY		0	2	0	0	0	0	0	0	0	0	0
DOUGLAS FIR		0	0	0	0	0	0	0	0	0	0	0
WHITE WONDER DOGWOOD		0	0	2	0	2	2	0	0	0	0	0
Medium and Large Shrubs												
VINE MAPLE		9	0	4	0	5	0	0	0	0	0	0
WESTERN SERVICEBERRY		9	2	4	7	5	0	0	0	0	0	0
OCEAN SPRAY		9	2	4	0	0	0	0	0	0	0	0
TALL OREGON GRAPE		0	0	0	18	10	16	16	0	8	0	0
OSO BERRY		5	0	4	0	3	0	0	0	0	0	0
MOCK ORANGE		9	3	4	0	5	0	0	0	0	0	0
PACIFIC NINEBARK		5	0	0	0	5	0	0	0	0	0	0
RED FLOWERING CURRANT		9	0	4	14	5	16	12	0	6	0	0
NOOT KAROSE		23	0	7	0	5	16	0	0	0	0	0
SNOWBERRY		14	3	7	14	8	16	9	0	4	0	0
WINGED EUONYMUS		0	0	0	18	0	16	9	0	4	0	0
Low Plants												
SALAL		0	0	0	0	0	18	0	0	0	0	0
MAHONIA REPENS		0	0	37	76	5	27	37	0	54	0	0
SWORD FERN		0	0	0	0	0	18	0	0	0	0	0
KELSEY DWARF DOGWOOD		0	0	36	51	5	36	37	8	54	0	0
DAYLILY		0	0	36	0	2	18	19	8	27	0	0
LAVENDER 'HIDCOTE'		0	0	0	25	5	18	19	8	27	0	0
LIME MOUND SPIREA		0	0	0	25	2	9	37	8	54	0	0
DAVDS VIBURNUM		0	0	0	76	5	36	37	8	54	0	0
Other Items												
MITIGATION CLEAR & GRUB-ACRE	0.016	0	0	0	0	0	0	0	0	0	0	0
SOIL AMENDMENT - ACRES	0.039	0.007	0.034	0.09	0.03	0.064	0.046	0.006	0.044	0	0	0
TOPSOIL TYPE A- 6" DEPTH - CY	0	0	0	0	27	0	0	52	5	216	0	216
TOPSOIL TYPE A- 12" DEPTH - CY	63	11	55	0	48	104	0	0	0	0	0	0
SEEDED LAWN - SY	0	0	0	0	0	0	0	0	0	0	0	1298
WET NATIVE SEEDING - SY	0	0	0	0	0	0	0	0	0	0	0	99
WOOD CHIP MULCH - CY	16	3	14	36	12	26	19	3	18	0	0	0
BRUSH PILE	2	0	0	0	0	0	0	0	0	0	0	0
HABITAT LOG	2	0	0	0	0	0	0	0	0	0	0	0

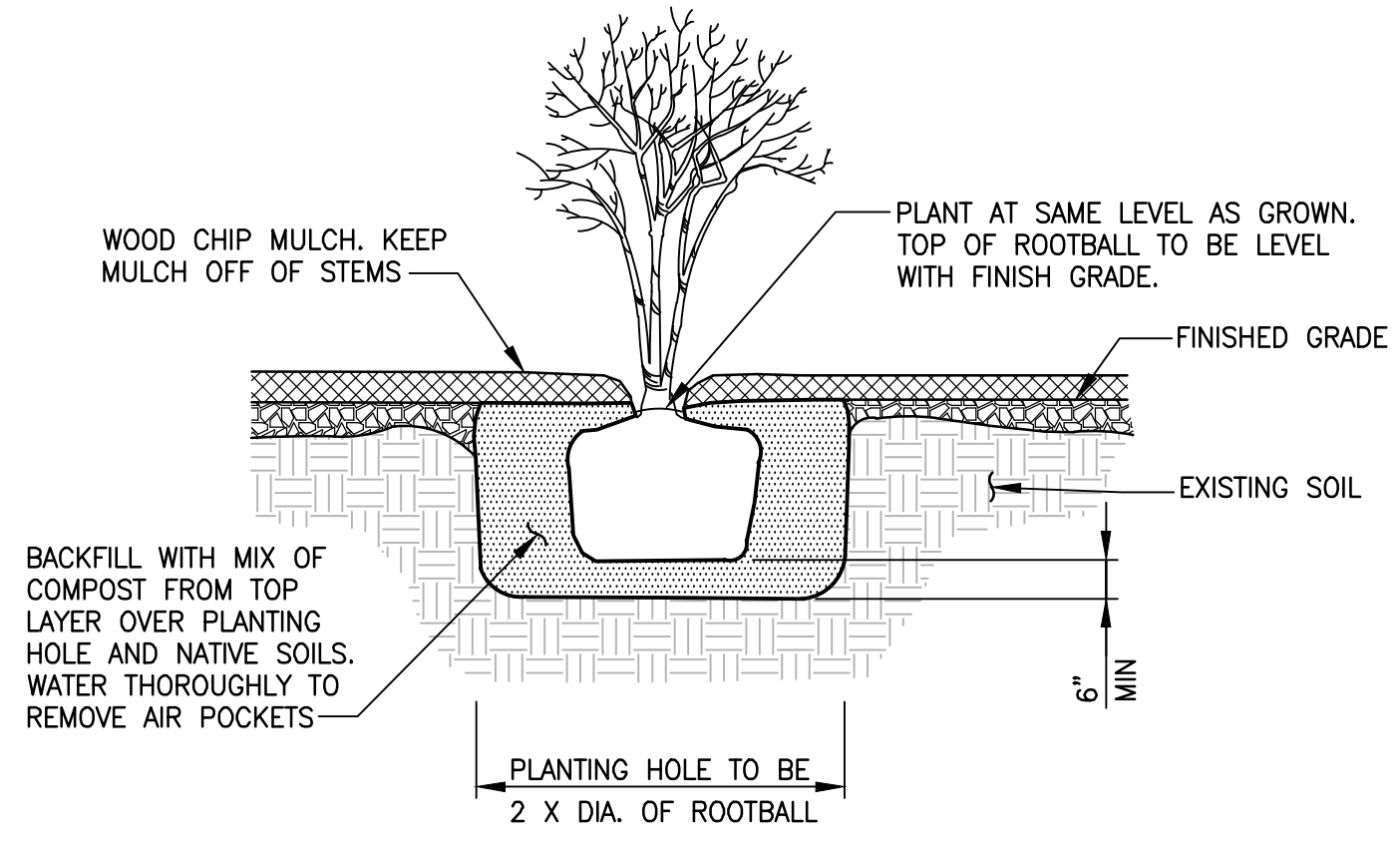
QUANTITY TAB -FOR SHEET LA10-												
QTY BY AREA												
	S31	S32	S33	LS7	S34	WET SEED	LAWN					
Trees	AREA SF	2082	3779	2755	1335	1164	1963	2211				
SHORE PINE		1	13	3	0	4	0	0				
WHITE WONDER DOGWOOD		1	0	3	0	0	0	0				
Medium and Large Shrubs												
VINE MAPLE		8	15	0	0	0	0	0				
WESTERN SERVICEBERRY		8	15	0	0	0	0	0				
OCEAN SPRAY		8	0	0	0	0	0	0				
TALL OREGON GRAPE		0	29	23	0	16	0	0				
OSO BERRY		8	0	0	0	0	0	0				
MOCK ORANGE		8	0	0	0	0	0	0				
RED FLOWERING CURRANT		8	22	23	0	11	0	0				
NOOT KAROSE		8	22	23	0	0	0	0				
SNOWBERRY		8	29	23	0	9	0	0				
WINGED EUONYMUS		17	0	23	0	9	0	0				
Low Plants												
SALAL		0	0	3	0	0	0	0				
MAHONIA REPENS		8	6	4	18	2	0	0				
SWORD FERN		8	6	3	18	2	0	0				
KELSEY DWARF DOGWOOD		8	11	5	37	4	0	0				
DAYLILY		8	6	3	18	2	0	0				
LAVENDER 'HIDCOTE'		0	6	3	18	2	0	0				
LIME MOUND SPIREA		0	11	1	37	4	0	0				
DAVDS VIBURNUM		8	11	5	37	4	0	0				
Other Items												
SOIL AMENDMENT - ACRES	0.048	0.087	0.063	0.031	0.027	0	0	0				
TOPSOIL TYPE A- 6" DEPTH - CY	0	70	0	25	0	0	0	41				
TOPSOIL TYPE A- 12" DEPTH - CY	77	0	102	0	43	0	0	0				
SEEDED LAWN - SY	0	0	0	0	0	0	0	246				
WET NATIVE SEEDING - SY	0	0	0	0	0	0	0	218				
WOOD CHIP MULCH - CY	19	35	26	12	11	0	0	0				

QUANTITY TAB -FOR SHEET LA11-															
QTY BY AREA															
	S35	S36	S37	S38	WET SEED	LAWN	WE 22AB	SBE #7	WBA 22CD	WBE 22CD					
Trees	AREA SF	1836	1237	3655	342	4265	335	2039	1408	629	10341				
BIG LEAF MAPLE		0	0	0	0	0	0	0	2	1	14				
OREGON ASH		0	0	0	0	0	0	3	0	0	0				
SITKA SPRUCE		0	0	0	0	0	0	3	1	0	7				
SHORE PINE		0	4	2	0	0	0	0	2	1	14				
BITTER CHERRY		2	0	0	0	0	0	0	2	1	14				
DOUGLAS FIR		0	0	0	0	0	0	0	1	0	7				
PACIFIC WILLOW		2	0	0	0	0	0	3	0	0	0				
SCOUERS WILLOW		0	0	0	0	0	0	3	1	0	7				
WESTERN RED CEDAR		0	0	0	0	0	0	3	1	0	7				
WESTERN HEMLOCK		2	0	0	0	0	0	0	0	0	0				
WHITE WONDER DOGWOOD		2	0	4	0	0	0	0	0	0	0				
JAPANESE FLOWERING CHERRY		0	0	2	2	0	0	0	0	0	0				
EXCELSACEDAR		0	0	5	0	0	0	0	0	0	0				
Medium and Large Shrubs															
VINE MAPLE		3	0	0	0	0	0	5	5	2	41				
WESTERN SERVICEBERRY		3	4	10	0	0	0	0	5	2	41				
RED-TWIG DOGWOOD		0	0	0	0	0	0	8	0	0	0				
WESTERN HAZEL		0	0	0	0	0	0	0	2	1	20				
OCEAN SPRAY		0	0	0	0	0	0	0	5	2	41				
BLACK TWINBERRY		0	0	0	0	0	0	8	0	0	0				
TALL OREGON GRAPE		5	11	30	2	0	0	0	0	0	0				
PACIFIC CRAB APPLE		0	0	0	0	0	0	5	0	0	0				
OSO BERRY		1	0	0	0	0	0	0	5	2	41				
MOCK ORANGE		3	0	15	0	0	0	0	5	2	41				
PACIFIC NINEBARK		3	0	0	0	0	0	0	5	2	41				
RED FLOWERING CURRANT		3	9	15	0	0	0	0	5	2	41				
NOOT KAROSE		3	0	0	0	0	0	0	5	2	41				
CLUSTERED ROSE		0	0	0	0	0	0	10	0	0	0				
SITKA WILLOW		0	0	0	0	0	0	8	0	0	0				
SNOWBERRY		4	9	0	0	0	0	8	7	4	61				
WINGED EUONYMUS		0	11	30	2	0	0	0	0	0	0				
Low Plants															
MAHONIA REPENS		41	0	56	9	0	0	0	0	0	0				
SWORD FERN		0	0	0	9	0	0	0	0	0	0				
KELSEY DWARF DOGWOOD		41	9	45	9	0	0	0	0	0	0				
DAYLILY		0	9	56	0	0	0	0	0	0	0				
LAVENDER 'HIDCOTE'		41	9	33	9	0	0	0	0	0	0				
LIME MOUND SPIREA		41	9	33	0	0	0	0	0	0	0				
DAVDS VIBURNUM		41	0	0	0	0	0	0	0	0	0				
Other Items															
MITIGATION CLEAR & GRUB-ACRE	0	0	0	0	0	0	0.033	0.029	0.014	0.225					
HERBICIDE TREATMENT - SY						0	159								
SOIL AMENDMENT - ACRES	0.042	0.028	0.084	0.008	0	0	0.033	0.029	0.014	0.225					
TOPSOIL TYPE A- 6" DEPTH - CY	34	0	0	0	0	6	0	0	0	0	0				
TOPSOIL TYPE A- 12" DEPTH - CY	0	46	135	13	0	0	0	0	0	0	0				
SEEDED LAWN - SY	0	0	0	0	0	37	0	0	0	0	0				
WET NATIVE SEEDING - SY	0	0	0	0	474	0	0	0	0	0	0				
WOOD CHIP MULCH - CY	17	11	34	3	0	0	13	12	6	91					
BRUSH PILE	0	0	0	0	0	0	1	1	0	3					
HABITAT LOG	0	0	0	0	0	0	1	1	1	3					
HABITAT ROCK PILE	0	0	0	0	0	0	0	0	0	1					

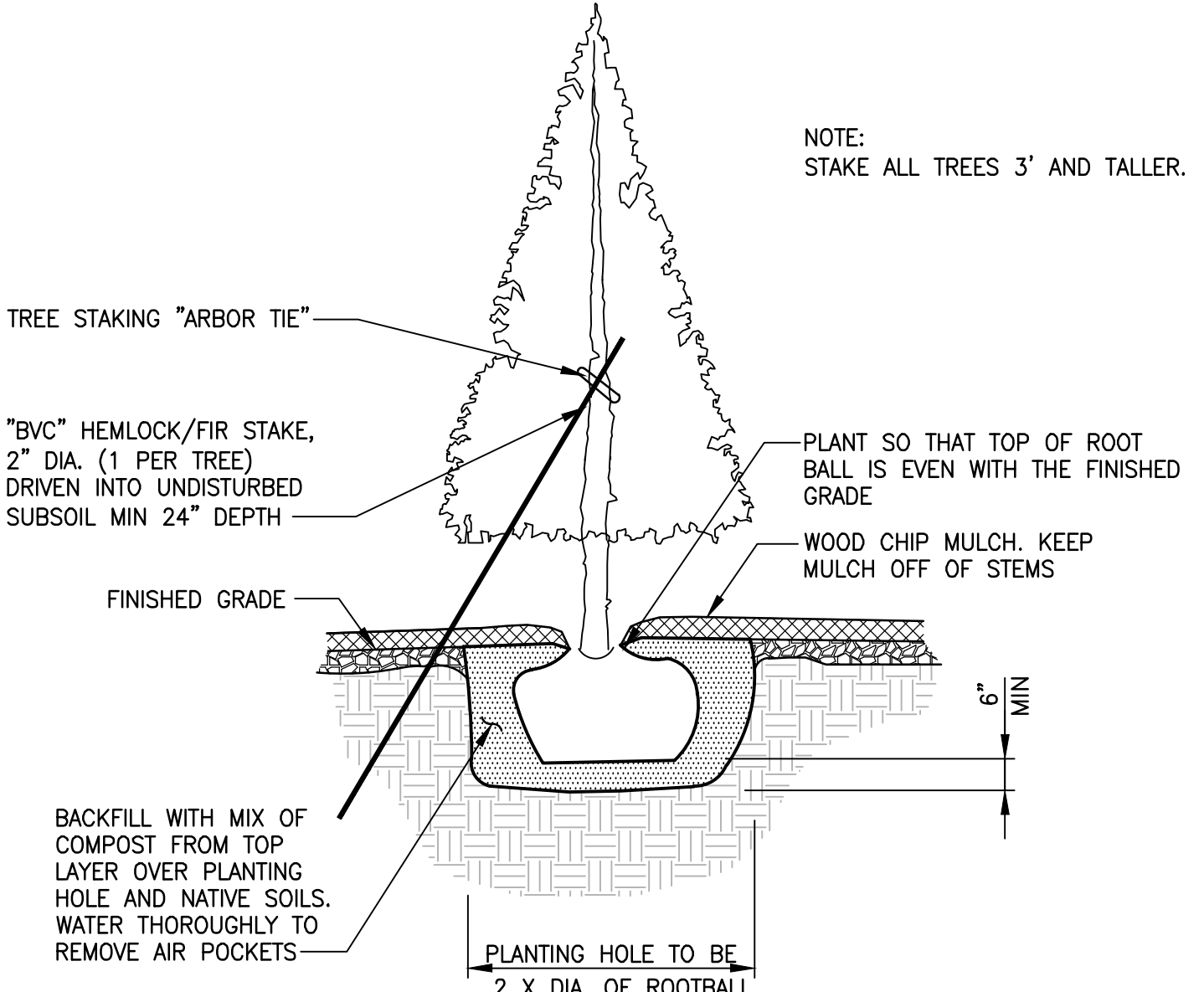
QUANTITY TAB -FOR SHEET LA12-											
		QTY BY AREA									
		WE 22CD	LS8	WBA23A	S39	SSE3	WE 23B	S40	S41	WET SEEDING	LAWN
Trees	AREA SF	2971	748	5879	582	1778	1247	474	552	2149	2570
BIG LEAF MAPLE		0	0	9	0	3	0	0	0	0	0
OREGON ASH		4	0	0	0	0	2	0	0	0	0
SITKA SPRUCE		4	0	4	0	2	2	0	0	0	0
SHORE PINE		0	0	9	1	3	0	0	0	0	0
BITTER CHERRY		0	0	9	1	3	0	0	0	0	0
DOUGLAS FIR		0	0	4	0	2	0	0	0	0	0
PACIFIC WILLOW		4	0	0	0	0	2	0	0	0	0
SCOUERS WILLOW		4	0	4	0	2	2	0	0	0	0
WESTERN RED CEDAR		4	0	4	1	2	2	0	0	0	0
Medium and Large Shrubs											
VINE MAPLE		12	0	18	2	9	5	4	0	0	0
WESTERN SERVICEBERRY		0	0	18	2	9	0	0	0	0	0
RED-TWIG DOGWOOD		17	0	0	0	0	7	0	0	0	0
WESTERN HAZEL		0	0	9	0	5	0	0	0	0	0
OCEAN SPRAY		0	0	18	0	9	0	0	0	0	0
BLACK TWINBERRY		12	0	0	0	0	5	0	0	0	0
TALL OREGON GRAPE		0	0	0	4	0	0	0	0	0	0
PACIFIC CRAB APPLE		12	0	0	0	0	5	0	0	0	0
OSO BERRY		0	0	18	0	9	0	0	0	0	0
MOCK ORANGE		0	0	18	0	9	0	0	0	0	0
PACIFIC NINEBARK		0	0	18	0	9	0	0	0	0	0
RED FLOWERING CURRANT		12	0	18	3	9	5	0	10	0	0
NOOTKA ROSE		0	0	18	3	9	0	0	0	0	0
CLUSTERED ROSE		17	0	0	0	0	7	0	0	0	0
SITKA WILLOW		17	0	0	0	0	7	0	0	0	0
SNOWBERRY		17	0	27	4	14	7	4	10	0	0
Low Plants											
SALAL		0	0	97	0	0	0	11	5	0	0
MAHONIA REPENS		0	69	97	3	0	0	23	10	0	0
SWORD FERN		0	69	100	3	0	0	23	10	0	0
Other Items											
MITIGATION CLEAR & GRUB-ACRE	0.065	0	0.116	0	0.047	0.029	0	0	0	0	0
HERBICIDE TREATMENT - SY	330					139	0	0	0	0	0
SOIL AMENDMENT - ACRES	0	0.017	0.135	0.013	0.041	0	0.011	0.013	0	0	0
TOPSOIL TYPE A- 6" DEPTH - CY	0	0	0	0	0	0	9	10	0	0	48
TOPSOIL TYPE A- 12" DEPTH - CY	0	28	0	22	0	0	0	0	0	0	0
WET NATIVE SEEDING - SY	0	0	0	0	0	0	0	0	0	239	0
WOOD CHIP MULCH - CY	28	7	59	5	22	12	4	5	0	0	0
BRUSH PILE	1	0	2	0	1	1	0	0	0	0	0
HABITAT LOG	1	0	2	0	1	1	0	0	0	0	0
HABITAT ROCK PILE	0	0	1	0	0	0	0	0	0	0	0



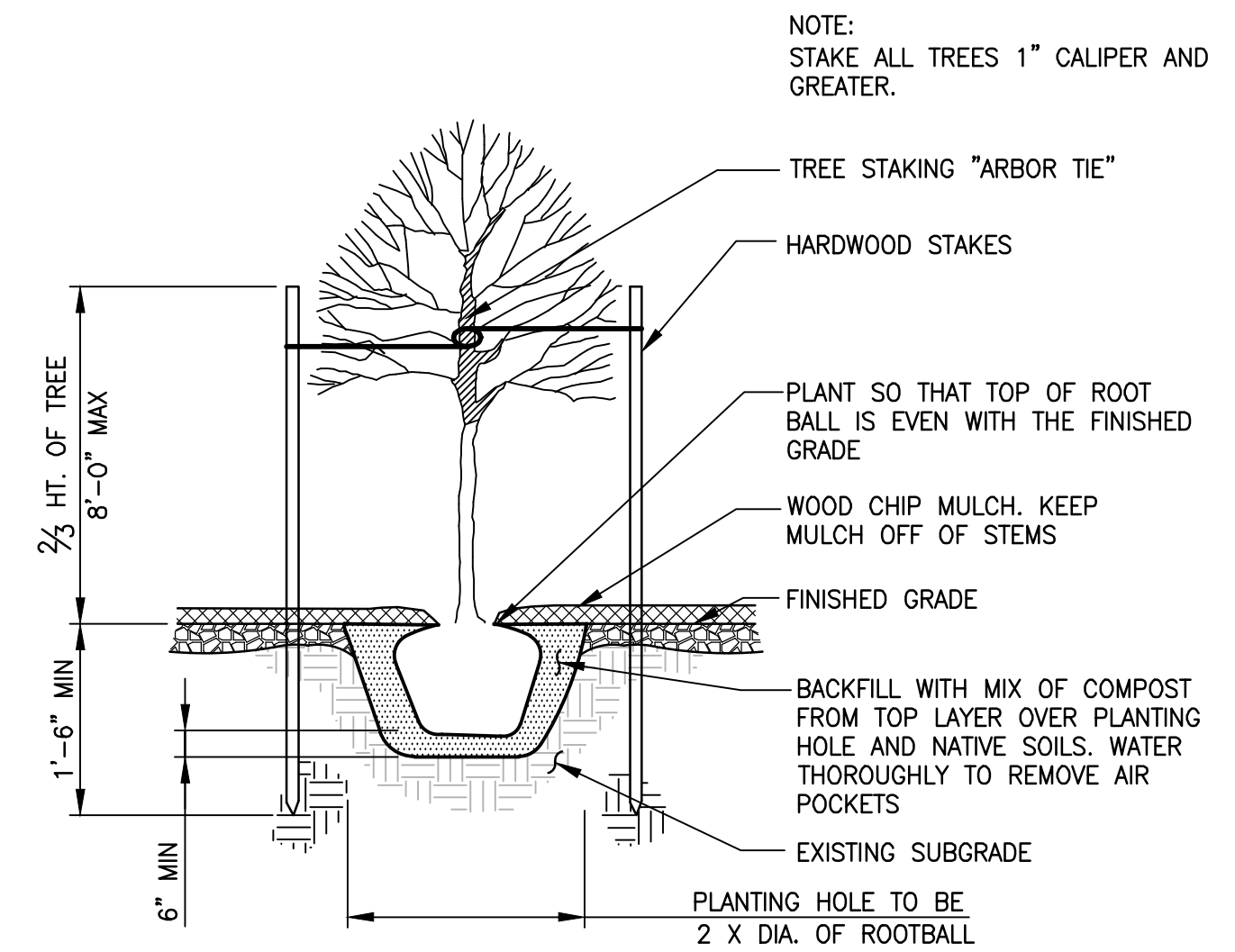
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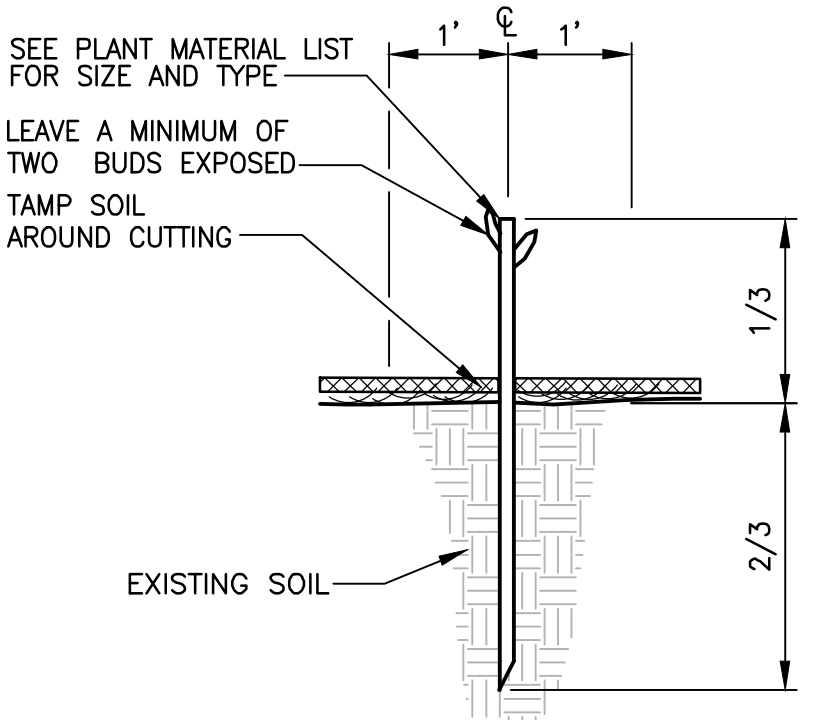
SHRUB AND SMALL TREE PLANTING  
DETAIL  
NO SCALE



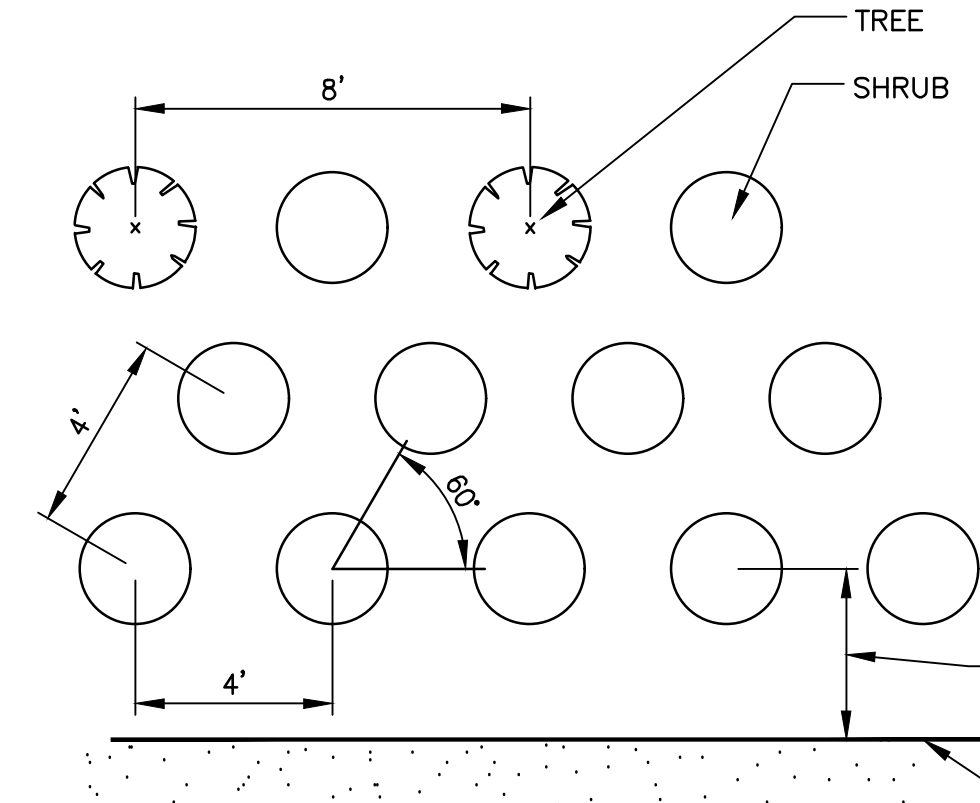
CONIFEROUS TREE PLANTING  
DETAIL  
NO SCALE



DECIDUOUS TREE PLANTING  
DETAIL  
NO SCALE

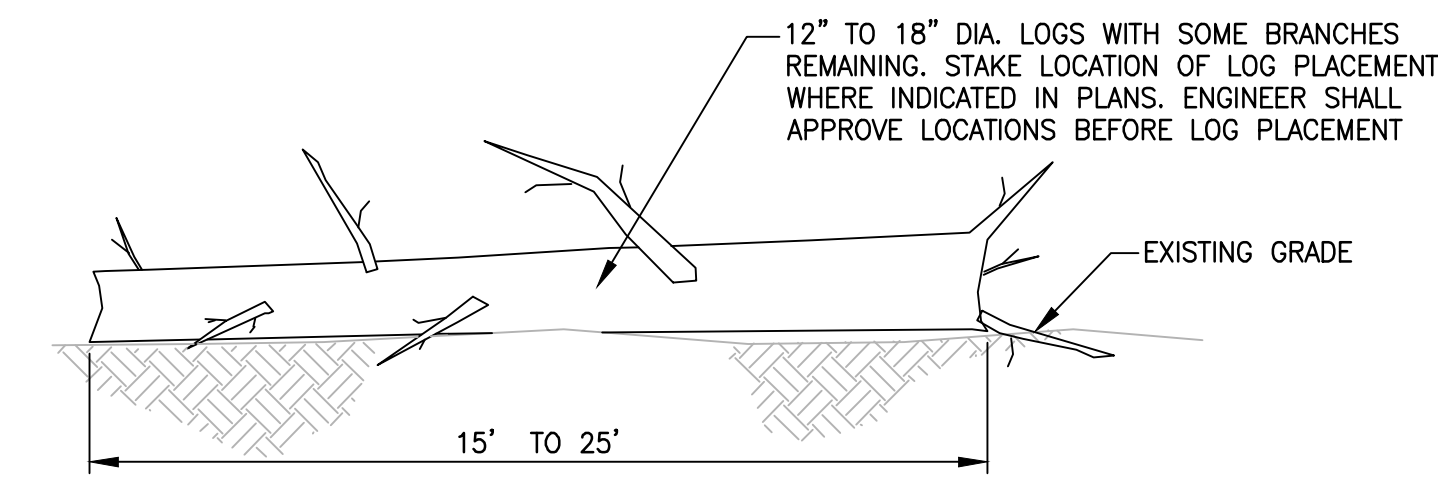


LIVE STAKE INSTALLATION  
DETAIL  
NO SCALE

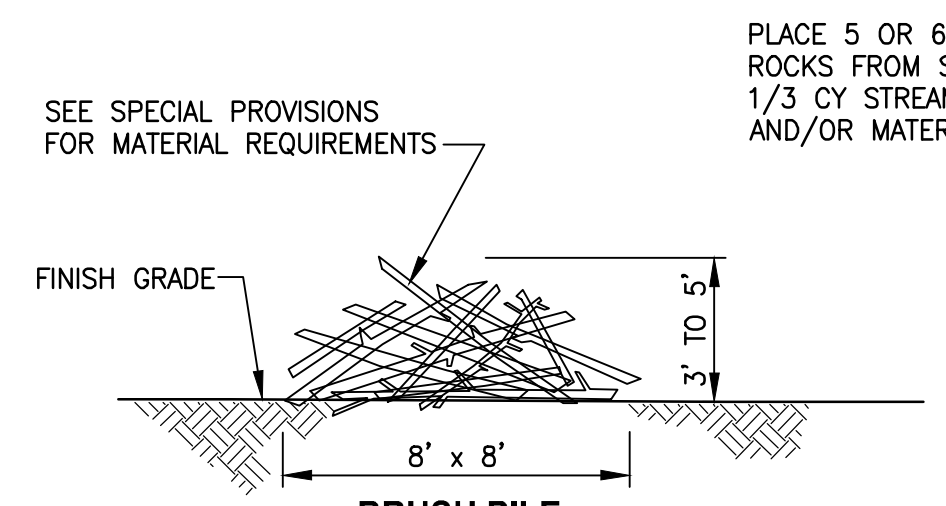


TYPICAL TREE AND SHRUB SPACING  
DETAIL  
NO SCALE

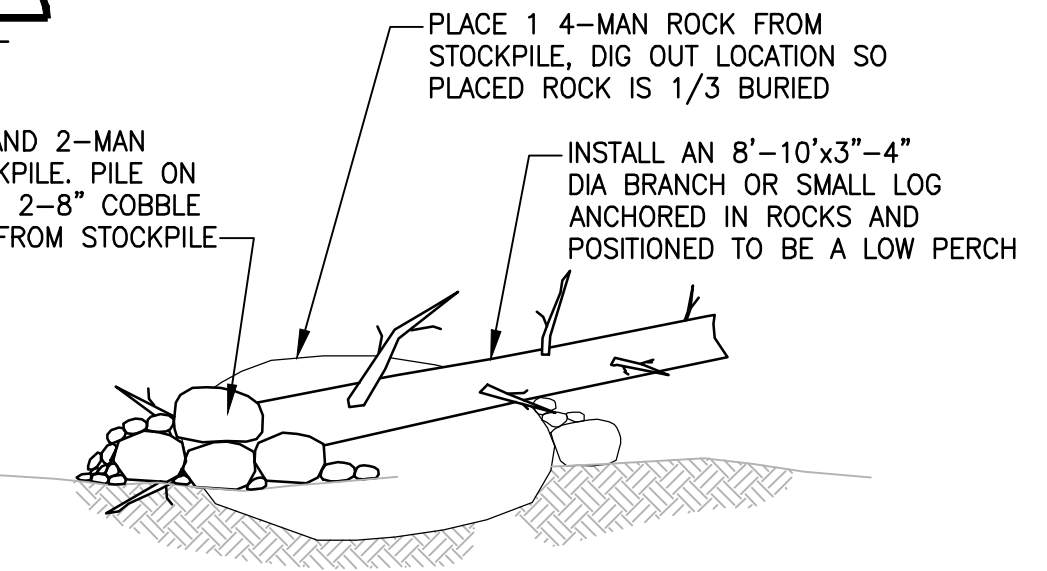
NOTE:  
PLANT SHRUBS IN SINGLE SPECIES  
GROUPS OF 7 TO 12 PLANTS EACH  
PLANT TREES IN SINGLE SPECIES  
GROUPS OF 1 TO 5 PLANTS EACH.



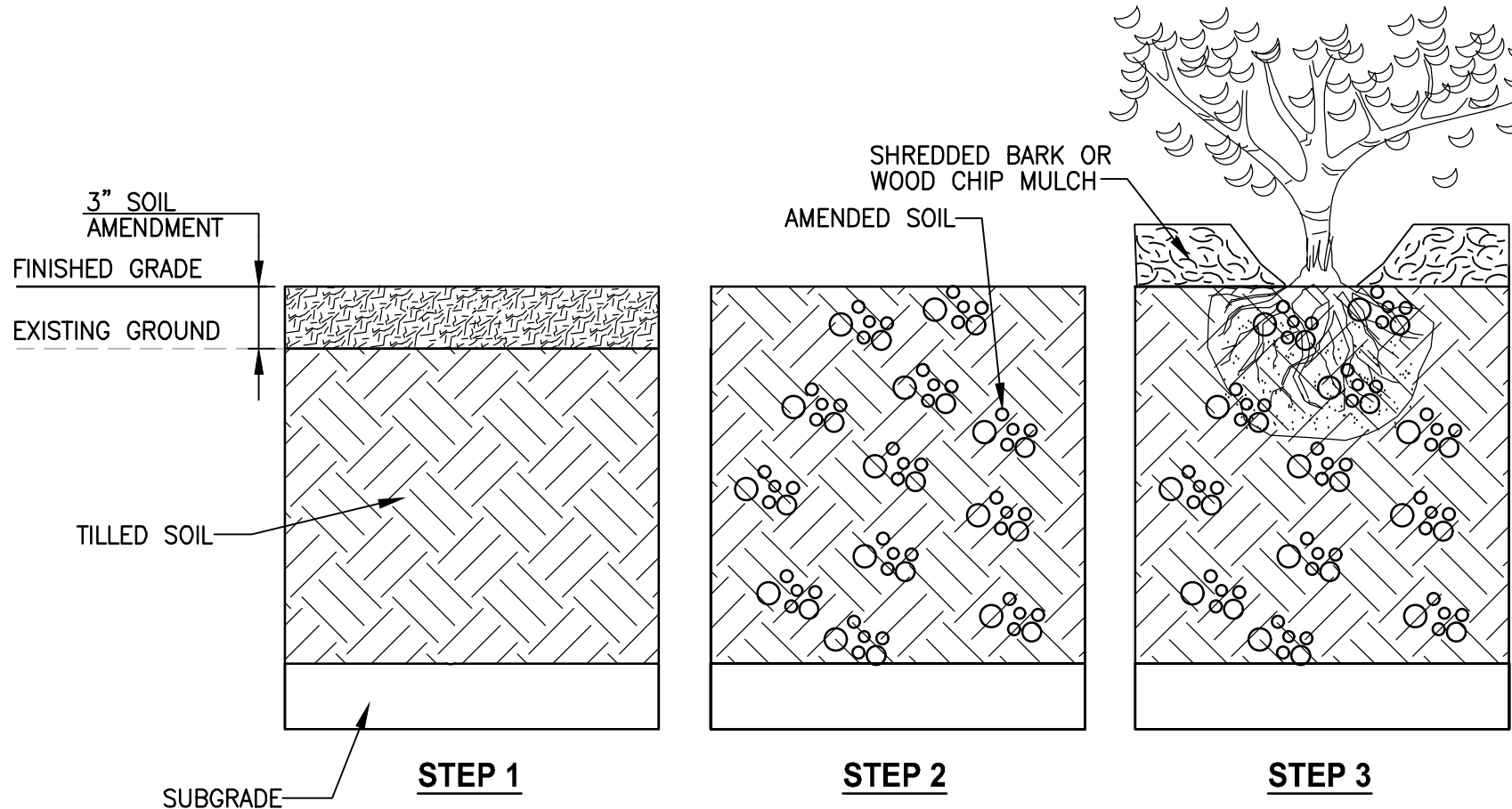
HABITAT LOG  
DETAIL  
NO SCALE



BRUSH PILE  
DETAIL  
NO SCALE



HABITAT ROCK PILE  
DETAIL  
NO SCALE



PLANTING AREA SOIL AMENDMENT-  
SEQUENCE OF WORK  
DETAIL  
NO SCALE

- STEP 1**  
TILL, DISC OR RIP SOIL IN  
PLANTING AREAS TO 10" DEPTH.  
PLACE 3" OF SOIL AMENDMENT  
OVER SOIL SURFACE.
- STEP 2**  
TILL SOIL AMENDMENT INTO TOP  
10" OF ENTIRE PLANTING ZONES  
NATIVE SOIL AFTER CLEARING AND  
GRUBBING.
- STEP 3**  
INSTALL PLANTS FOLLOWED BY  
3" WOOD CHIP MULCH.

PLANT MATERIAL SETBACK CHART

	GUARDRAIL BARRIER	EDGE OF ROADWAY	PATHS, TRAILS	WALL	FENCE	SIGNS	EXISTING TREE, TRUNK	EXISTING VEGETATION MASS
EVERGREEN TREE	15'	15'	15'	8'	8'	15'	10'	-
ORNAMENTAL/NATIVE DECIDUOUS TREE	6'	6'	15'	8'	8'	15'	10'	-
MEDIUM AND LARGE SHRUBS - GREATER THAN 3' TALL	5'	5'	10'	3'	3'	6'	5'	5'
SMALL SHRUB - LESS THAN 3' TALL	3'	5'	3'	2'	3'	2'	5'	5'

TYPICAL MINIMUM DISTANCE SETBACKS ARE TO THE CENTER STEM OR TRUNK OF PLANT MATERIAL UNLESS OTHERWISE DIRECTED BY THE ENGINEER DURING LAYOUT AND STAKING OF PLANT LOCATIONS.

CITY OF SAMMAMISH APPROVAL

PLANNING DEPT. APPROVAL  
BY: ABaty  
DATE: 06/10/2021

Community Development

CITY OF SAMMAMISH PUBLIC WORKS  
DEVELOPMENT REVIEW  
These drawings have been reviewed for compliance  
with City of Sammamish Clearing and Grading and  
Stormwater requirements and also in accordance with  
the requirements as established in the Settlement  
Agreement between King County vs. City of  
Sammamish No. C17-0921 JCC and King County vs.  
City of Sammamish No. 17-2-28922-7 SEA and have  
been deemed ACCEPTABLE. The reviewer accepts  
no responsibility for any errors and/or omissions  
made by the preparer of these drawings.  
10 June 2021

CONFORMED DRAWING



11/13/20

Parametrix  
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

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P 206.394.3700  
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PROJECT NAME

EAST LAKE SAMMAMISH  
MASTER PLAN TRAIL  
SOUTH SAMMAMISH SEGMENT B - PHASE 1  
SAMMAMISH, WA

PLANTING DETAILS

SHEET NO.  
157 OF 190

LD1



PATH: u:\PSO\Projects\Clients\1521-075-ELST\95Sves\CADD\Phase 19\T03 Civil\Wpg-Phase1\ PLOTTED BY: purgabut DATE: Thursday, February 25, 2021 12:31:09 PM LAYOUT: LD2

PLANT MATERIAL LIST

	BOTANICAL NAME	COMMON NAME	SIZE AND CONDITION	NOTES
SHORELINE SETBACK ENHANCEMENT , STREAM BUFFER ENHANCEMENT, WETLAND BUFFER ENHANCEMENT AND WETLAND ADDITION PLANTING AREA (SSE, SBE, WBE, WBA)				
TREES				
56	ACER MACROPHYLLUM	BIG LEAF MAPLE	1" CALIPER, CONT. OR B&B	SPACE TREES 8 TO 10-FEET ON CENTER
27	PICEA SITCHENSIS	SITKA SPRUCE	4' HT., CONT.	
58	PINUS CONTORTA 'CONTORTA'	SHORE PINE	4' HT., CONT.	
58	PRUNUS EMARGINATA	BITTER CHERRY	1" CALIPER, CONT. OR B&B	
27	PSUEDOTSGA MENZIESII	DOUGLAS FIR	4' HT., CONT.	
27	SALIX SCOULERIANA	SCOULERS WILLOW	1" CALIPER, CONT. OR B&B	
27	THUJA PLICATA	WESTERN RED CEDAR	4' HT., CONT.	
SHRUBS				
152	ACER CIRCINATUM	VINE MAPLE	12" HT., #1 CONT.	SPACE SHRUBS 4 TO 6-FEET ON CENTER
130	AMELANCHIER ALNIFOLIA	WESTERN SERVICEBERRY	12" HT., #1 CONT.	
16	CORNUS SERICEA	RED-TWIG DOGWOOD	12" HT., #1 CONT.	
75	CORYLUS CORNUTA	WESTERN HAZEL	12" HT., #1 CONT.	
130	HOLODISCUS DISCOLOR	OCEAN SPRAY	12" HT., #1 CONT.	
16	LONICERA INVOLUCRATA	BLACK TWINBERRY	12" HT., #1 CONT.	
24	MAHONIA AQUIFOLIUM	TALL OREGON GRAPE	12" HT., #1 CONT.	
33	MALUS FUSCA	PACIFIC CRAB APPLE	12" HT., #1 CONT.	
124	OEMLARIA CERASIFORMIS	OSO BERRY	12" HT., #1 CONT.	
131	PHILADELPHUS LEWISII	MOCK ORANGE	12" HT., #1 CONT.	
102	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	12" HT., #1 CONT.	
128	RIBES SANGUINEUM	RED FLOWERING CURRANT	12" HT., #1 CONT.	
142	ROSA NUTKANA	NOOTKA ROSE	12" HT., #1 CONT.	
229	SYMPHORICARPOS ALBUS	SNOWBERRY	12" HT., #1 CONT.	
LOW SHRUBS				
126	GAULTHERIA SHALLON	SALAL	#1 CONT.	SPACE PLANTS 3-FEET ON CENTER
126	MAHONIA REPENS	MAHONIA REPENS	#1 CONT.	
130	POLYSTICHUM MUNITUM	SWORD FERN	#1 CONT.	
WETLAND ENHANCEMENT PLANTING AREAS (AREA WE)				
TREES				
14	FRAXINUS LATIFOLIA	OREGON ASH	1" CALIPER, CONT. OR B&B	SPACE TREES 8 TO 10-FEET ON CENTER
14	PICEA SITCHENSIS	SITKA SPRUCE	4' HT., CONT.	
14	SALIX L. SSP. LASIANDRA	PACIFIC WILLOW	1/2"DIA. X 36" LIVESTAKE CUTTING	
14	SALIX SCOULERIANA	SCOULERS WILLOW	1/2"DIA. X 36" LIVESTAKE CUTTING	
14	THUJA PLICATA	WESTERN RED CEDAR	4' HT., CONT.	
SHRUBS				
33	ACER CIRCINATUM	VINE MAPLE	12" HT., #1 CONT.	SPACE SHRUBS 4 TO 6- FEET ON CENTER
49	CORNUS SERICEA	RED-TWIG DOGWOOD	1/2"DIA. X 36" LIVESTAKE CUTTING	
36	LONICERA INVOLUCRATA	BLACK TWINBERRY	12" HT., #1 CONT.	
33	MALUS FUSCA	PACIFIC CRAB APPLE	12" HT., #1 CONT.	
28	RIBES SANGUINEUM	RED FLOWERING CURRANT	12" HT., #1 CONT.	
51	ROSA PISOCARPA	CLUSTERED ROSE	12" HT., #1 CONT.	
49	SALIX SITCHENSIS	SITKA WILLOW	1/2"DIA. X 36" LIVESTAKE CUTTING	
49	SYMPHORICARPOS ALBUS	SNOWBERRY	12" HT., #1 CONT.	
SHRUBS				
38	GAULTHERIA SHALLON	SALAL		SPACE PLANTS 3-FEET ON CENTER
38	MAHONIA REPENS	MAHONIA REPENS		
39	POLYSTICHUM MUNITUM	SWORD FERN		

	BOTANICAL NAME	COMMON NAME	SIZE AND CONDITION	NOTES
TALL SHRUB AND TREE PLANTING MIX				
TREES				
2	ACER MACROPHYLLUM	BIG LEAF MAPLE	1" CALIPER, CONT. OR B&B	SPACE SHRUBS 4 TO 6- FEET ON CENTER
58	PINUS CONTORTA 'CONTORTA'	SHORE PINE	4' HT., CONT.	
16	PRUNUS EMARGINATA	BITTER CHERRY	1" CALIPER, CONT. OR B&B	
26	PSUEDOTSGA MENZIESII	DOUGLAS FIR	4' HT., CONT.	
2	SALIX L. SSP. LASIANDRA	PACIFIC WILLOW	1/2"DIA. X 36" LIVESTAKE CUTTING	
16	THUJA PLICATA	WESTERN RED CEDAR	4' HT., CONT.	
4	TSUGA HETEROPHYLLA	WESTERN HEMLOCK	4' HT., CONT.	
40	CORNUS 'EDDIE'S WHITE WONDER'	WHITE WONDER DOGWOOD	1" CALIPER, CONT. OR B&B	
9	PRUNUS SERRULATA 'AMANOGAWA'	JAPANESE FLOWERING CHERRY	1 1/2" CALIPER, CONT. OR B&B	
7	THUJA PLICATA 'EXCELSA'	EXCELSA CEDAR	6' HT., CONT. OR B&B	
SHRUBS				
87	ACER CIRCINATUM	VINE MAPLE	12" HT., #1 CONT.	SPACE SHRUBS 4 TO 6- FEET ON CENTER
105	AMELANCHIER ALNIFOLIA	WESTERN SERVICEBERRY	12" HT., #1 CONT.	
7	CORNUS SERICEA	RED-TWIG DOGWOOD	12" HT., #1 CONT.	
34	HOLODISCUS DISCOLOR	OCEAN SPRAY	12" HT., #1 CONT.	
0	LONICERA INVOLUCRATA	BLACK TWINBERRY	12" HT., #1 CONT.	
347	MAHONIA AQUIFOLIUM	TALL OREGON GRAPE	12" HT., #1 CONT.	
79	MYRICA CALIFORNICA	PACIFIC WAX MYRTLE	12" HT., #1 CONT.	
16	OEMLARIA CERASIFORMIS	OSO BERRY	12" HT., #1 CONT.	
126	PHILADELPHUS LEWISII	MOCK ORANGE	12" HT., #1 CONT.	
21	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	12" HT., #1 CONT.	
285	RIBES SANGUINEUM	RED FLOWERING CURRANT	12" HT., #1 CONT.	
203	ROSA NUTKANA	NOOTKA ROSE	12" HT., #1 CONT.	
299	SYMPHORICARPOS ALBUS	SNOWBERRY	12" HT., #1 CONT.	
233	EUONYMUS ALATUS 'COMPACTUS'	WINGED EUONYMUS	18" HT., #2 CONT.	
35	THUJA OCCIDENTALIS 'SMARAGD'	EMERALD GREEN ARBORVITAE	6' HT., CONT. OR B&B	
LOW GROW PLANTING MIX				
257	GAULTHERIA SHALLON	SALAL	#1 CONT.	SPACE PLANTS 3- FEET ON CENTER
1112	MAHONIA REPENS	MAHONIA REPENS	#1 CONT.	
733	POLYSTICHUM MUNITUM	SWORD FERN	#1 CONT.	
829	CORNUS SERICEA 'KELSEY'	KELSEY DWARF DOGWOOD	#2 CONT.	SPACE PLANTS 2- FEET ON CENTER
427	HEMEROCALLIS 'STELLA DE ORO'	DAYLILY	#1 CONT.	
382	LAVANDULA ANGUSTIFOLIA 'HIDCOTE'	LAVENDER 'HIDCOTE'	#2 CONT.	SPACE PLANTS 3- FEET ON CENTER
431	SPIRAEA BIMALDA 'LIMEMOUND'	LIME MOUND SPIREA	#2 CONT.	
607	VIBURNUM DAVIDII	DAVIDS VIBURNUM	#2 CONT.	SPACE PLANTS 4- FEET ON CENTER

PLANTING NOTES:

- CONTRACTOR SHALL ARRANGE TO MEET ON SITE WITH PROJECT REPRESENTATIVE TO DISCUSS LIMITS OF WORK AND METHODS. CONSTRUCTION ACTIVITIES SHALL NOT COMMENCE UNTIL ACCESS, LIMITS OF WORK, AND METHODS ARE APPROVED.
- MITIGATION WORK ELEMENTS INCLUDING MITIGATION CLEARING & GRUBBING, HERBICIDE TREATMENT, SOIL AMENDMENT, WOOD CHIP MULCH, HABITAT FEATURES AND PLANTING LOCATIONS SHALL BE LOCATED IN AREAS CLEARED OF UNWANTED VEGETATION AND OPEN AREAS WITHOUT NATIVE VEGETATIVE COVER WITHIN THE MITIGATION AREA.
- MITIGATION AREA BOUNDARY LIMITS SHALL BE STAKED FOR APPROVAL BY PROJECT REPRESENTATIVE. ELECTRONIC FILES FOR LIMITS WILL BE PROVIDED UPON AWARD OF CONTRACT.
- PLANTING PLANS REPRESENT A CONCEPTUAL PLANT LAYOUT, FINAL PLANT LOCATIONS SHALL BE APPROVED BY PROJECT REPRESENTATIVE PRIOR TO PLANTING.
- USE ONLY HAND TOOLS TO CLEAR AND CULTIVATE SOIL UNDER THE CANOPY (WITHIN AND 5' OUTSIDE THE DRIPLINE) OF EXISTING TREES.
- ALL PLANTS SHALL BE NURSERY GROWN A MINIMUM OF ONE YEAR. PLANT MATERIAL IS TO BE SUPPLIED BY COMMERCIAL NURSERIES THAT SPECIALIZE IN PLANTS NATIVE TO THE PACIFIC NORTHWEST. PLANT SUBSTITUTIONS ARE SUBJECT TO APPROVAL BY PROJECT REPRESENTATIVE.
- MITIGATION PLANTING SHALL TAKE PLACE DURING THE DORMANT SEASON (OCTOBER 1ST TO MARCH 1ST). PLANTING MAY BE ALLOWED AT OTHER TIMES AFTER REVIEW AND WRITTEN APPROVAL BY PROJECT REPRESENTATIVE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS AND EXCESS SOIL OCCASIONED BY THIS PROJECT.
- CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION.
- CONTRACTOR SHALL SETBACK PLANTINGS FROM OTHER OBJECTS AS PROVIDED IN THE PLANT MATERIAL SETBACK CHART THIS SHEET.
- ALL DIMENSIONS FOR LISTED HEIGHT, LENGTH AND CONTAINER SIZE ARE MINIMUM REQUIREMENTS.
- EXISTING AREAS DISTURBED BY CONSTRUCTION ACTIVITIES AND NOT SHOWN TO BE RE--VEGETATED ON THESE PLANS SHALL BE RESTORED AND SEEDED.
- DISCREPANCIES BETWEEN THE PLANS AND SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT REPRESENTATIVE PRIOR TO PROCEEDING WIT EFFECTED WORK.
- SEE TE SHEETS FOR TEMPORARY EROSION CONTROL MEASURES.
- AFTER COMPLETION OF INITIAL PLANTING SPRAY MITIGATION AREA TREES AND SHRUBS ONLY WITH AN HERBIVORE REPELLENT TREATMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING PLANTS FOR THE FIRST YEAR AFTER ACCEPTANCE OF COMPLETION OF PLANTING FOR THE PROJECT. COUNTY WILL MAKE PROVISIONS FOR WATERING AS NEEDED FOR THE REMAINDER OF THE ESTABLISHMENT PERIOD AFTER THE FIRST YEAR.

1

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PROJECT NAME

EAST LAKE SAMMAMISH  
MASTER PLAN TRAIL  
SOUTH SAMMAMISH SEGMENT B - PHASE 1  
SAMMAMISH, WA

PLANTING SCHEDULE

SHEET NO.  
158 OF 190

LD2

CITY OF SAMMAMISH APPROVAL

PLANNING DEPT. APPROVAL  
BY: ABaty  
DATE: 06/10/2021

Community Deve

CITY OF SAMMAMISH PUBLIC WORKS  
DEVELOPMENT REVIEW

These drawings have been reviewed for compliance with City of Sammamish Clearing and Grading and Stormwater requirements and also in accordance with the requirements as established in the Settlement Agreement between King County vs. City of Sammamish No. C17-0921 JCC and King County vs. City of Sammamish No. 17-2-28922-7 SEA and have been deemed ACCEPTABLE. The reviewer accepts no responsibility for any errors and/or omissions made by the preparer of these drawings.  
10 June 2021



PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Sves\CADD\Phase 19\T03\_Civil\Draw-Phase1\ PLOTTED BY: purgobut DATE: Friday, November 13, 2020 10:07:04 AM LAYOUT: LD3

### 1.1 Mitigation Goals, Objectives, and Performance Standards

The overall goal of the mitigation effort is to replace the habitats and functions lost as a result of the project. In Phase 1 of South Sammamish Segment B, the proposed mitigation will accomplish this by enhancing 0.16 acre of wetland, increasing the buffer of 3 wetlands by 0.42 acre, enhancing 0.42 acre of wetland buffer, enhancing 0.03 acre of stream buffer, and enhancing 0.05 acre of shoreline setback. In addition, mitigation for 0.1 acre of permanent wetland impacts will occur at an off-site approved mitigation bank, and thus, this mitigation will not be carried forward in the following sections. Specific goals and objectives formulated to achieve this result are presented below.

#### 1.1.1 Mitigation Goals

The mitigation goals are:

- Enhance 0.16 acre of wetland.
- Increase and enhance the buffer of 3 wetlands by 0.42 acre.
- Enhance 0.42 acre of wetland buffer.
- Enhance 0.03 acre of stream buffer.
- Enhance 0.05 acre of shoreline setback.

Achievement of these goals is expected to provide the following improvements to wetland, stream, wetland buffer, stream buffer, and shoreline setback functions:

- Increase the production of organic matter by planting trees and shrubs in the enhanced wetland, increased wetland buffer, enhanced wetland buffer, enhanced stream buffer, and enhanced shoreline setback.
- Increase fish and wildlife habitat and improve biological diversity by planting with a variety of native wetland and buffer plant species and installing habitat features (habitat logs and brush piles).

#### 1.1.2 Mitigation Objectives and Performance Standards

##### 1.1.2.1 Wetlands

**Objective 1: Enhance by planting native species a minimum of 0.16-acre forested and scrub-shrub wetland at the enhanced wetland areas.**

**Performance Standards:**

Year 1	Survival of planted woody species in enhanced wetland areas will be at least 80 percent.
Year 2	Record percent cover of native woody species in enhanced wetland area to establish a baseline for areal cover.
Year 3	Native woody species will achieve a minimum of 25 percent areal cover, including desirable native volunteers, in the enhanced wetland areas.
Year 5	Native woody species will achieve a minimum of 50 percent areal cover, including desirable native volunteers, in the enhanced wetland areas.
Year 7	Native woody species will achieve a minimum of 70 percent areal cover in the enhanced wetland areas.
Year 10	Native woody species will achieve a minimum of 80 percent areal cover in the enhanced wetland area.

##### 1.1.2.2 Wetland and Stream Buffers Areas

**Objective 2: Establish a minimum of 0.84-acre forested and scrub-shrub wetland buffer, and 00.03-acre forested stream buffer at the increased/enhanced wetland buffer and enhanced stream buffer areas.**

**Performance Standards:**

Year 1	Survival of planted woody species in increased/enhanced wetland buffer and enhanced stream buffer areas will be at least 80 percent.
Year 2	Record percent cover of native woody species in increased/enhanced wetland buffer and enhanced stream buffer areas to establish a baseline for areal cover.
Year 3	Native woody species will achieve a minimum of 25 percent areal cover in the increased/enhanced wetland buffer and enhanced stream buffer areas.
Year 5	Native woody species will achieve a minimum of 50 percent areal cover in the increased/enhanced wetland buffer and enhanced stream buffer setback areas.
Year 7	Native woody species will achieve a minimum of 70 percent areal cover in the increased/enhanced wetland buffer and enhanced stream buffer areas.
Year 10	Native woody species will achieve a minimum of 80 percent areal cover in the increased/enhanced wetland buffer and enhanced stream buffer areas.

##### 1.1.2.3 Shoreline Setback Areas

**Objective 3: Establish a minimum of 0.005-acre forested habitat at the shoreline setback areas.**

**Performance Standards:**

Year 1	Survival of planted woody species in enhanced shoreline setback areas will be at least 80 percent.
Year 2	Record percent cover of native woody species in enhanced shoreline setback areas to establish a baseline for areal cover.
Year 3	Native woody species will achieve a minimum of 25 percent areal cover in enhanced shoreline setback areas.
Year 5	Native woody species will achieve a minimum of 50 percent areal cover in enhanced shoreline setback areas.
Year 7	Native woody species will achieve a minimum of 70 percent areal cover in enhanced shoreline setback areas.
Year 10	Native woody species will achieve a minimum of 80 percent areal cover in enhanced shoreline setback areas.

##### 1.1.2.4 Invasive Species

**Objective 4: Limit invasive non-native species throughout the mitigation site planting areas.**

**Performance Standards:**

Year 1, 2, 3, 5, 7, and 10	Himalayan blackberry, cutleaf blackberry, Scotch broom, English ivy, reed canarygrass, and hedge false bindweed will not exceed 20 percent areal cover in all planting areas.
Year 3	100 percent removal of Japanese knotweed by Year 3 in the Wetland 22CD buffer enhancement area.

##### 1.1.2.5 Wildlife Habitat

**Objective 5: Provide wildlife habitat.**

**Performance Standards:**

Year 1, 2, 3, 5, 7, and 10	Increase in areal cover of native woody species in all mitigation areas, as measured in Objectives 1, 2, and 3, to be used as a surrogate to indicate increasing habitat functions.
Year 1, 3, 5, 7, and 10	Increase in species richness of native species over preexisting conditions in all mitigation areas, as measured in Objectives 1, 2, and 3, to be used as a surrogate to indicate increased habitat functions.
Year 1, 2, 3, 5, 7, and 10	Installed habitat features are present and functional.

##### 1.1.2.6 Anthropogenic Disturbance

**Objective 6: Protect the mitigation sites from anthropogenic disturbance.**

**Performance Standards:**

Year 1 through 10	Conduct qualitative monitoring to assess the status of the sites yearly during the 10-year monitoring period to monitor for human disturbance, including but not limited to filling, trash, and vandalism.
Year 1 through 10	Install and maintain fences and appropriate signs along the trail adjacent to each site to identify their protected status.

### 1.2 Record Drawings

Record drawings and/or a report documenting the as-built or installed conditions will be prepared after construction and plantings are complete. The report will include the following components: (1) drawings that clearly identify the boundaries of the mitigation areas; (2) locations of the sampling and monitoring sites (including photo-point locations); (3) locations of hydrology monitoring stations; (4) photographs of the mitigation sites; and (5) an analysis of any changes to the mitigation plan that occurred during construction. A copy of the record drawing report will be sent to the City and USACE within 60 days of completion of construction and planting.

### 1.3 Monitoring

The mitigation areas will be monitored during and after construction. During construction, monitoring will ensure that the BMPs are observed to minimize impacts, and the on-site construction work (including grading and planting) will be coordinated to ensure that the sites are constructed as designed.

After construction is completed, long-term monitoring will be performed annually to ensure that the goals and objectives of the mitigation are being met. Monitoring of the mitigation areas will be performed over a 10-year period by a qualified professional (SMC 21A.50.145; 21A.50.300). A combination of quantitative and qualitative monitoring activities will be used to assess the management objectives and associated performance standards described in the mitigation plan. Activities will include site visits to monitor unnatural site disturbance, photographs to document site development, and data collection for the quantitative evaluation of performance standards. The results of the monitoring will be submitted to the permitting agencies.

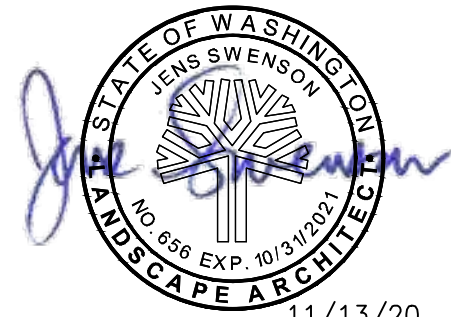
Appropriate contingency measures will be developed, as needed, by a qualified professional to ensure that the sites develop healthy vegetation that meets the obligations described in this mitigation plan and the associated permits.

#### 1.3.1 Quantitative Monitoring

The following bulleted items describe the methods to be used for the quantitative monitoring, monitoring schedule, and report deadlines.

- The planting sites will be assessed by an appropriate quantitative vegetative field assessment methodology. The line intercept method will be used for determining percent areal cover for woody and invasive species. Plant richness will be determined by a count of native tree and shrub species.
- Quantitative vegetation assessments will follow the same method in each consecutive monitoring year.
- Quantitative vegetation assessments will be performed between June 15 and September 15 of each monitoring year.
- Monitoring reports will be sent to agencies requiring monitoring reports by October 31 of each monitoring year.
- Permanent photographic stations will be established to monitor the development of the sites. Photographs will be taken along transect lines and from vantage points that capture the general mitigation area. All photographs will be labeled to identify locations.

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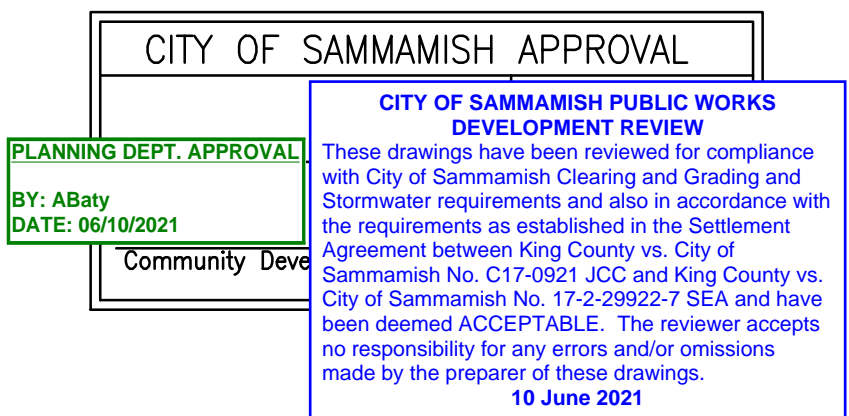
PROJECT NAME

**EAST LAKE SAMMAMISH  
MASTER PLAN TRAIL  
SOUTH SAMMAMISH SEGMENT B - PHASE 1**  
SAMMAMISH, WA

**MITIGATION NOTES**

SHEET NO.  
159 OF 190

**LD3**



**CITY OF SAMMAMISH PUBLIC WORKS  
DEVELOPMENT REVIEW**  
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10 June 2021



PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Sves\CADD\Phase 19\T03 Civil\Draw-Phase1\ PLOTTED BY: purgabut DATE: Friday, November 13, 2020 10:07:09 AM LAYOUT: LD4

1.3.2 Qualitative Monitoring

Qualitative monitoring will be conducted as follows:

- A qualified professional will qualitatively assess the constructed habitat for the first 3 years.
- Qualitative assessment will be performed yearly to visually assess the health of plants and identify areas that may need control of non-native invasive species or other maintenance activities.
- During all qualitative monitoring years, photographic documentation of the sites will occur from permanent photograph stations.

1.4 Maintenance

The proposed mitigation is intended to achieve the performance standards with minimal ongoing maintenance. However, King County will manage and maintain the site for 10 years, or until all performance standards are met and the site is closed with the approval of permitting agencies.

As mentioned previously, King County Parks has a formal maintenance program for its trail mitigation projects. The County understands that regular maintenance is necessary to achieve its mitigation commitments in public trail corridors.

Planted vegetation species are adapted to varying site conditions in the Puget Sound lowland, although supplemental irrigation may be needed during the first two growing seasons after installation to ensure the long-term survival of the plants. The need for irrigation will be evaluated based on the conditions observed during the establishment period.

To ensure rapid establishment of the plant community, trees and shrubs will be planted closer together than would generally occur in natural mature stands. Some natural mortality is expected to occur during the monitoring period. All dead and downed woody material will be left in place to provide microhabitats for wildlife. Plants will be replaced as needed to meet performance standards.

Maintenance to control nuisance species in the mitigation areas will likely be necessary. During the monitoring period, if it becomes evident that invasive species are impeding establishment of desirable native plants, measures will be implemented to control nuisance species. A progressively aggressive approach will be used to control nuisance species. Control measures will first include hand cutting and/or grubbing and removal; if this fails, an environmentally sensitive herbicide (e.g., Rodeo or equivalent) may be applied.

A project specific Vegetation Management Plan (VMP) will identify the practices, policies, and procedures for addressing hazard trees, maintaining vegetation at intersections within sight distance triangles and along the trail corridor, addressing noxious weeds, and maintaining drainage features (ditches, pipes, culverts). King County is currently redesigning drainage to comply with the most current stormwater regulations. King County will provide a segment specific update to the Vegetation Management Plan, including a maintenance schedule.

There are some specific instances where care needs to be taken when conducting regularly scheduled maintenance activities. This is directly related to management activities within mitigation sites as well as for the protection of existing critical area features such as wetlands and streams that are adjacent to the alignment and are detailed further below.

1.4.1 Ditch Maintenance Activities

Care needs to be taken when conducting maintenance on ditches that drain to streams or those that are associated with wetlands. Activities such as removal of accumulated sediment can alter flow patterns, alter the hydroperiod of wetlands, and encourage growth of invasive and noxious plant species. It is recommended that accumulated sediment removal from ditches be limited only to that necessary to maintain flow within the ditch (top 1 to 2 inches of accumulated sediment). In addition, over-excavation can also result in removal of native vegetation and may interfere with the success of mitigation areas in meeting their specific identified performance standards during regularly scheduled maintenance activities.

1.4.2 Vegetation Maintenance

Care should be taken when maintaining vegetation along the trail alignment, particularly within trailside wetlands, mitigation areas, and along streams. It is recommended that these areas be clearly marked and differentiated from landscaping areas so that each area specific maintenance needs are met. Vegetation in mitigation areas should never be mowed. Instead vegetation should only be trimmed to the extent that the trail remains unobstructed and to maintain adequate flow conveyance through ditch systems along the trail. This will ensure that mitigation areas meet their target performance standards during regularly scheduled monitoring.

1.5 Contingency Measures

Adaptive management is driven by the monitoring results and the performance standards. If the performance standards are not met, adaptive management activities will be implemented to achieve the desired condition. Management activities may include implementation of contingencies described in Table 5-5, or other appropriate measures. Site conditions will be evaluated to determine the cause of the problem and the most appropriate countermeasure.

Table 5-5. Contingency Measures for the Mitigation Sites

Problem	Contingency Measure
Less than 80% of planted woody species survive in Year 1	King County biologists (or other qualified biologist) will assess the sites to determine what conditions are preventing the plants from thriving. Appropriate measures will be taken to correct any conditions that are limiting growth. Plants will be replaced with appropriate native species to achieve the Year 1 standard. Additional measures (such as providing additional protection) will be considered if necessary.
Percent cover for woody species not met during Years 3, 5, or 7	King County biologists (or other qualified biologist) will assess the sites to determine what conditions are preventing the plants from thriving. Appropriate measures, such as increased weed control or extra plantings, will be taken to correct any conditions that are limiting growth.
Invasive species exceed percent cover threshold	Implement/revise invasive species control plan.
Performance standards not met at Year 10	Continue the monitoring regime for 1 additional year. The sites will continue to be evaluated every year until each site has met the stated performance standards associated with management objectives. Other contingency measures may be implemented during this period.

Information from the annual monitoring program will be used to identify any maintenance and/or corrective actions. If problems are identified in monitoring, King County biologists will determine the cause of the problem and implement proper maintenance or corrective activities. These activities will be discussed in the annual monitoring report.

1.6 Performance Security/Financial Assurance

This mitigation project will be sponsored by King County. The County will implement a suitable mechanism to ensure that the project is implemented successfully and monitored for a minimum of 10 years, or until the project mitigation is deemed a success by achieving its performance standards.

1.7 Site Protection

The County owns the property underlying the mitigation sites. They will protect the mitigation sites in perpetuity through a legal mechanism that permits maintenance and monitoring of the mitigation area. This mechanism shall be retained by the County and may be submitted to the USACE after permit issuance, if required. In addition, permanent fencing and/or signs indicating that the area is a natural or sensitive or critical area to be protected from disturbance will be posted along the boundaries of each mitigation area.

1.8 Long-term Management Plan

The mitigation sites are located on King County property. After attainment of performance standards and acceptance of the mitigation project by the USACE, the County will implement a long-term management plan for the sites as part of trail operations, if required.

Site management activities will include noxious weed control, damage repair from vandalism, trash removal, and signage maintenance.

Monitoring reports or technical memoranda will document annual management activities and identify key issues and actions needed for the following year. Reports are anticipated to be submitted every year to the USACE, by the end of the calendar year, for the first 10 years following attainment of performance standards.

The County will issue a letter of assurance to cover long-term management costs of the mitigation site to the USACE ensuring the County’s compliance with the long-term management plan.

CITY OF SAMMAMISH APPROVAL

PLANNING DEPT. APPROVAL  
BY: ABaty  
DATE: 06/10/2021

Community Development

CITY OF SAMMAMISH PUBLIC WORKS DEVELOPMENT REVIEW

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10 June 2021

REVISIONS	DATE	BY	DESIGNED J. SWENSON
			DRAWN B. PURGANAN
			CHECKED Y. HO
			APPROVED J. BAILEY


ONE INCH AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY

FILE NAME  
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DATE  
NOVEMBER 2020

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PROJECT NAME

EAST LAKE SAMMAMISH  
MASTER PLAN TRAIL  
SOUTH SAMMAMISH SEGMENT B - PHASE 1  
SAMMAMISH, WA

MITIGATION NOTES

SHEET NO.  
160 OF 190

LD4