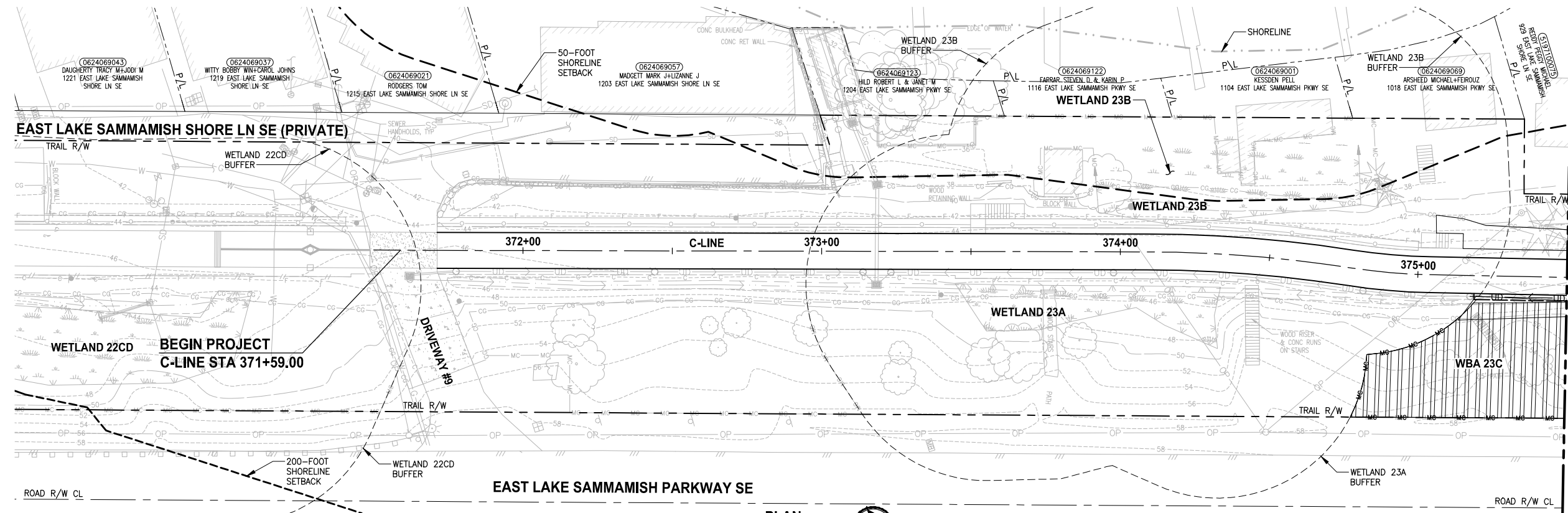


U:\P50\Projects\CADD\Phase 19\T03 C/L\Draw-Phase2\ PLOTTED BY: purgubut DATE: Monday, June 14, 2021 5:44:15 PM
LAYOUT: LA1

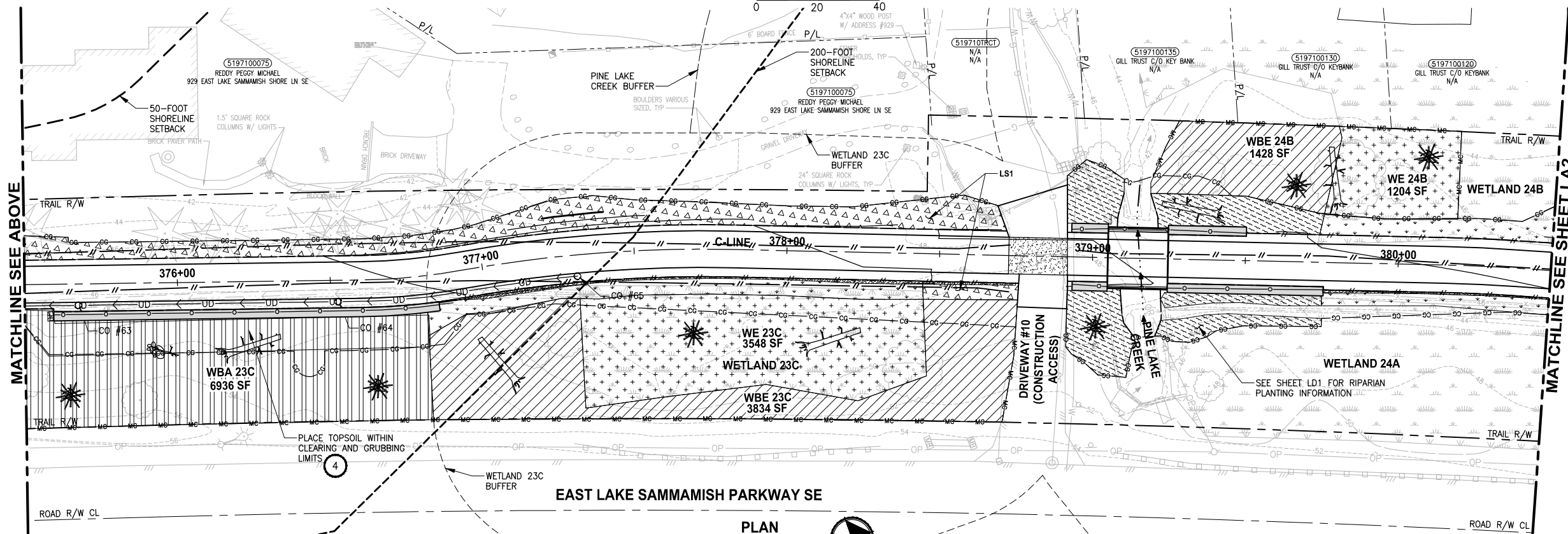


- LANDSCAPE CONSTRUCTION NOTES:**
1. MITIGATION CLEARING AND GRUBBING. CLEAR ALL UNWANTED VEGETATION AND GRUB ROOTS IN PLANTING AREA. REMOVE AND DISPOSE CLEARED VEGETATION LEAVING SOIL IN PLACE.
 2. HERBICIDE TREATMENT. TREAT UNWANTED VEGETATION IN PLANTING AREA WITH A NON-SELECTIVE HERBICIDE. MOW, CLEAR AND DISPOSE OF ALL UNWANTED VEGETATION. WAIT TO SEE REGROWTH AND TREAT WITH HERBICIDE A SECOND TIME. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 3. 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.
 4. TOPSOIL A. PLACE 6" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
 5. WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF THE AREA PLANTED.

- GENERAL NOTES:**
1. SEE SHEETS LD3 AND LD4 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD5 AND LD6 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 DRILLING 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 TEMPORARILY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

- LEGEND:**
- LOW SHRUB PLANTING AREA (3, 4, 5)
 - SHRUB PLANTING AREA (3, 4, 5)
 - WETLAND ENHANCEMENT AREA (1, 2, 5)
 - WETLAND BUFFER ENHANCEMENT AREA (1, 3, 5)
 - WETLAND BUFFER ADDITION AREA (1, 3, 5)
 - SHORELINE SETBACK ENHANCEMENT AREA (1, 3, 5)
 - WET NATIVE SEEDING (3)
 - RIPARIAN PLANTING AREA (3, 4, 5)
 - HABITAT LOG
 - BRUSH PILE
 - HABITAT ROCK PILE

NOTE:
SEE SHEET LA11 OR QUANTITY INFORMATION.



CONFORMED DRAWINGS



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 2**
SAMMAMISH, WA

LANDSCAPE PLAN

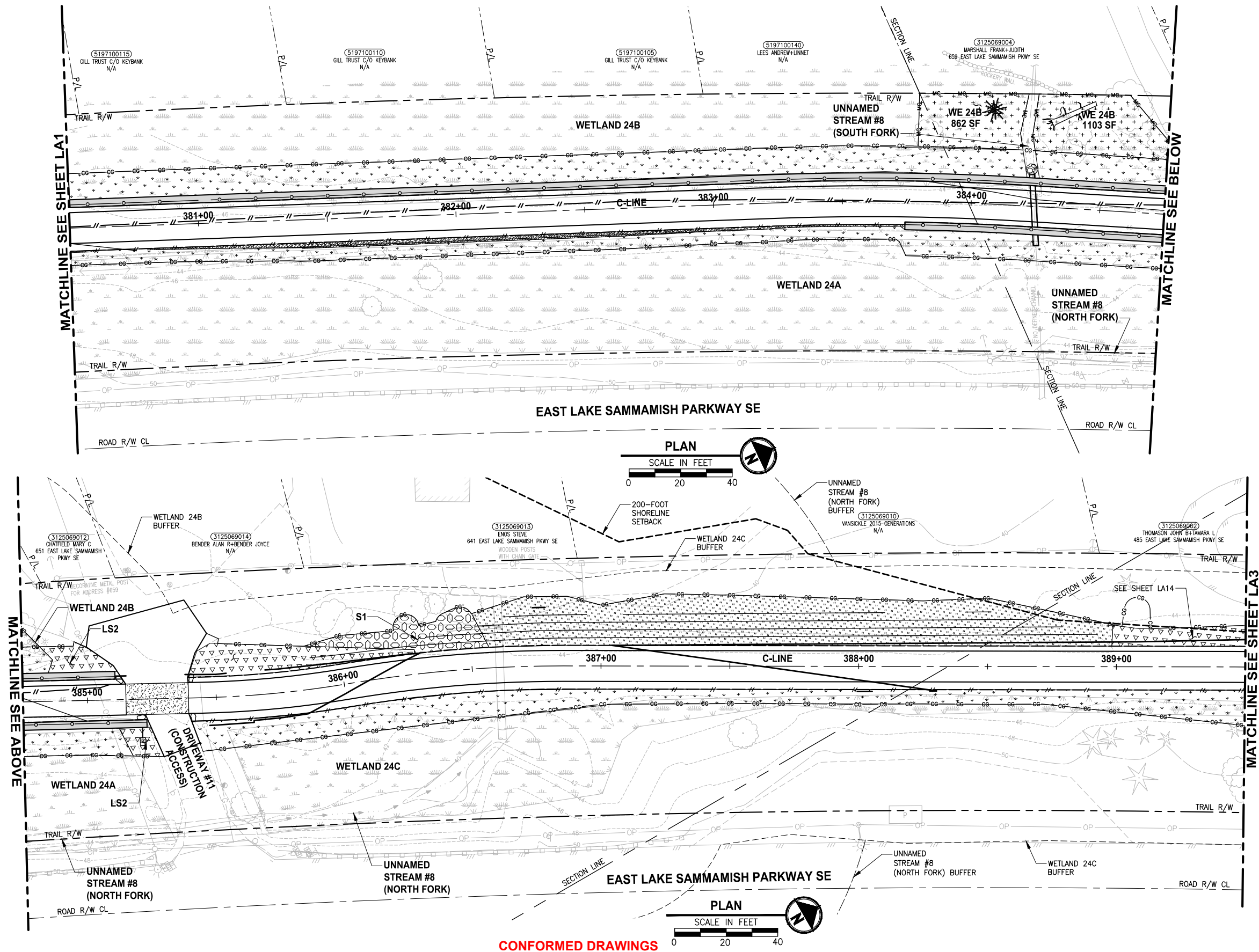
SHEET NO.
141 OF 213
LA1

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-01
JOB No.
554-1521-075 P19 T03
DATE
JUNE 2021

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Sect\CADD\Phase 19\T03 Civil\Draw-Phase2\ PLOTTED BY: purgubut DATE: Monday, November 22, 2021 2:38:32 PM LAYOUT: LA2



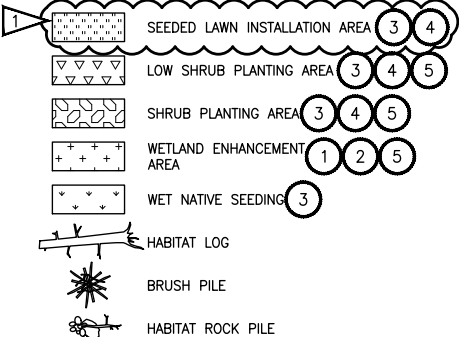
LANDSCAPE CONSTRUCTION NOTES:

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. 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.
4. TOPSOIL A. PLACE 6" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
5. WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF THE AREA PLANTED.

GENERAL NOTES:

1. SEE SHEETS LD3 AND LD4 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD5 AND LD6 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 TEMPORARILY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

LEGEND:



NOTE:
SEE SHEET LA11 FOR QUANTITY INFORMATION.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

REVISIONS	DATE	BY	DESIGNED
1	ADDENDUM 2 - LEGEND REVISIONS	11/19/21	JS
			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
JUNE 2021



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME

**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 2**

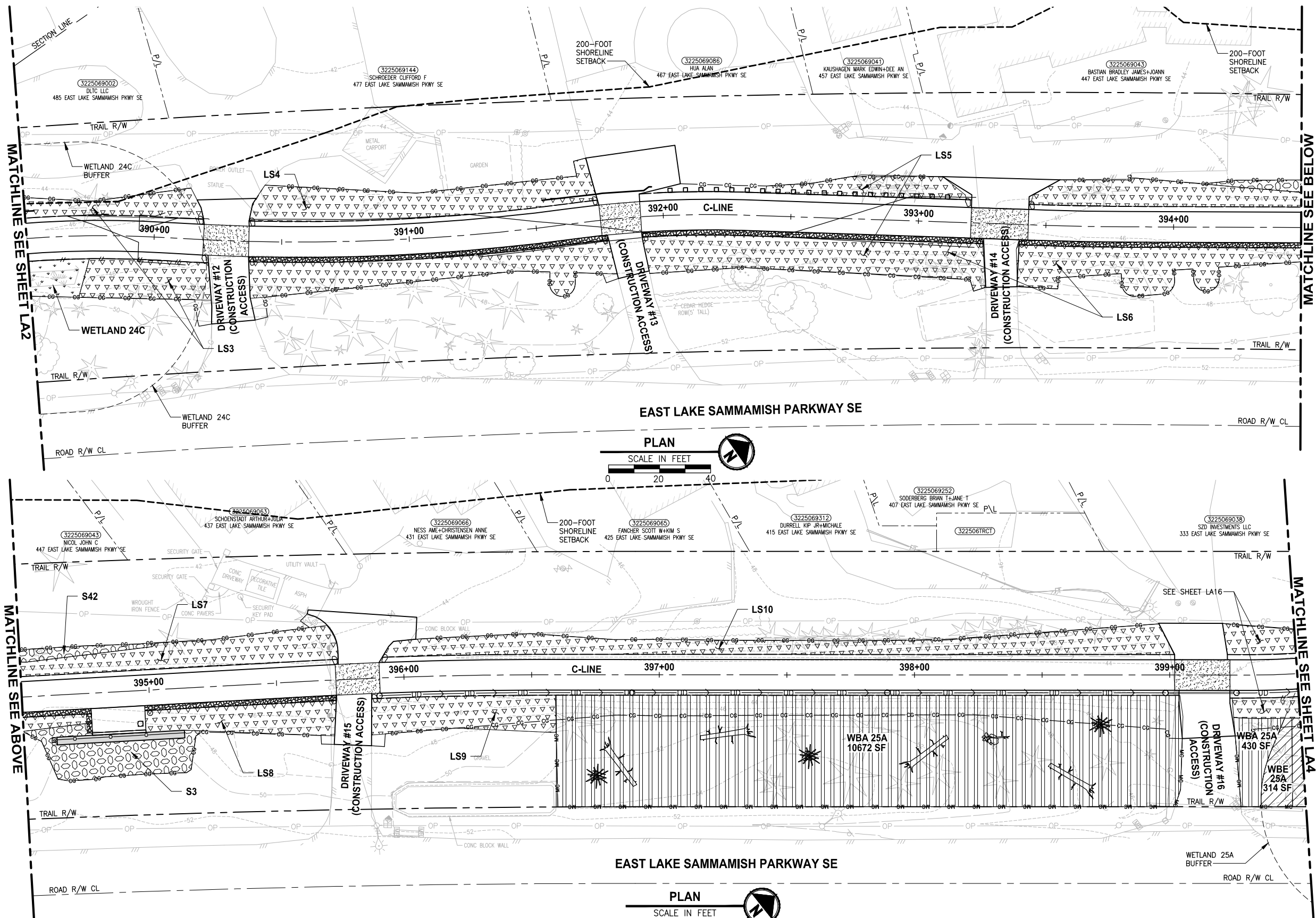
SAMMAMISH, WA

LANDSCAPE PLAN
Addendum 2

SHEET NO.
142 OF 213

LA2

PATH: U:\P50\Projects\Clients\1521-075-ELST\995\CA00\Phase 19\T03_Civil\Draw-Phase2\ PLOTTED BY: purgubut DATE: Monday, June 14, 2021 5:44:52 PM LAYOUT: LA3



CONFORMED DRAWINGS

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. 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.
4. TOPSOIL A. PLACE 6" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
5. WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF THE AREA PLANTED.

GENERAL NOTES:

1. SEE SHEETS LD3 AND LD4 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD5 AND LD6 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 TEMPORARILY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

LEGEND:

- LOW SHRUB PLANTING AREA (3, 4, 5)
- SHRUB PLANTING AREA (3, 4, 5)
- WETLAND BUFFER ENHANCEMENT AREA (1, 3, 5)
- WETLAND BUFFER ADDITION AREA (1, 3, 5)
- HABITAT LOG
- BRUSH PILE
- HABITAT ROCK PILE

NOTE:
SEE SHEET LA11 FOR QUANTITY INFORMATION.

CITY OF SAMMAMISH APPROVAL

City Engineer	Date
Community Development	Date

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-01
JOB No.
554-1521-075 P19 T03
DATE
JUNE 2021



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

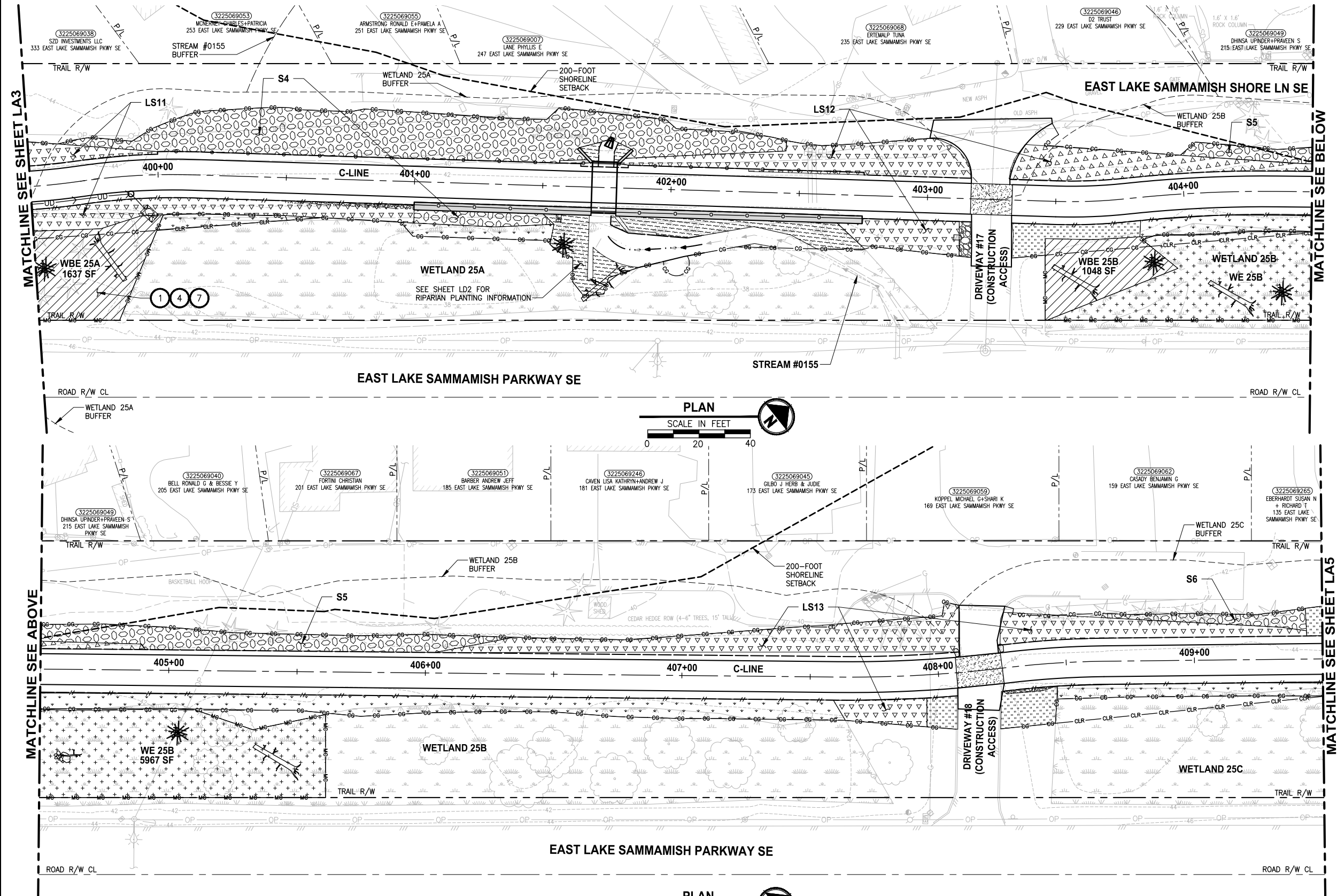
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 2**
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
143 OF 213

LA3

PATH: U:\P50\Projects\Clients\1521-075-ELST\99Sves\CADD\Phase 19\T03_Civil\Draw-Phase2\ PLOTTED BY: purgaban DATE: Monday, November 22, 2021 2:39:37 PM LAYOUT: LA4



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 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.
- 4 TOPSOIL A. PLACE 6" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
- 5 WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF THE AREA PLANTED.

GENERAL NOTES:

1. SEE SHEETS LD3 AND LD4 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD5 AND LD6 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 DRILLING 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 TEMPORARILY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

LEGEND:

- | | | |
|---|---------------------------------|-------|
| 1 | SEEDING | 3 4 |
| 2 | LOW SHRUB PLANTING AREA | 3 4 5 |
| 3 | SHRUB PLANTING AREA | 3 4 5 |
| 4 | WETLAND ENHANCEMENT AREA | 1 2 5 |
| 5 | WETLAND BUFFER ENHANCEMENT AREA | 1 3 5 |
| 6 | WET NATIVE SEEDING | 3 |
| 7 | RIPARIAN PLANTING AREA | 3 4 5 |
| 8 | GRAVEL AREA | |

NOTE:
SEE SHEET LA12 FOR QUANTITY INFORMATION.

CITY OF SAMMAMISH APPROVAL

City Engineer	Date
Community Development	Date

REVISIONS	DATE	BY	DESIGNED
1	ADDENDUM 2 - LEGEND REVISIONS	11/19/21	JS
			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
JUNE 2021



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

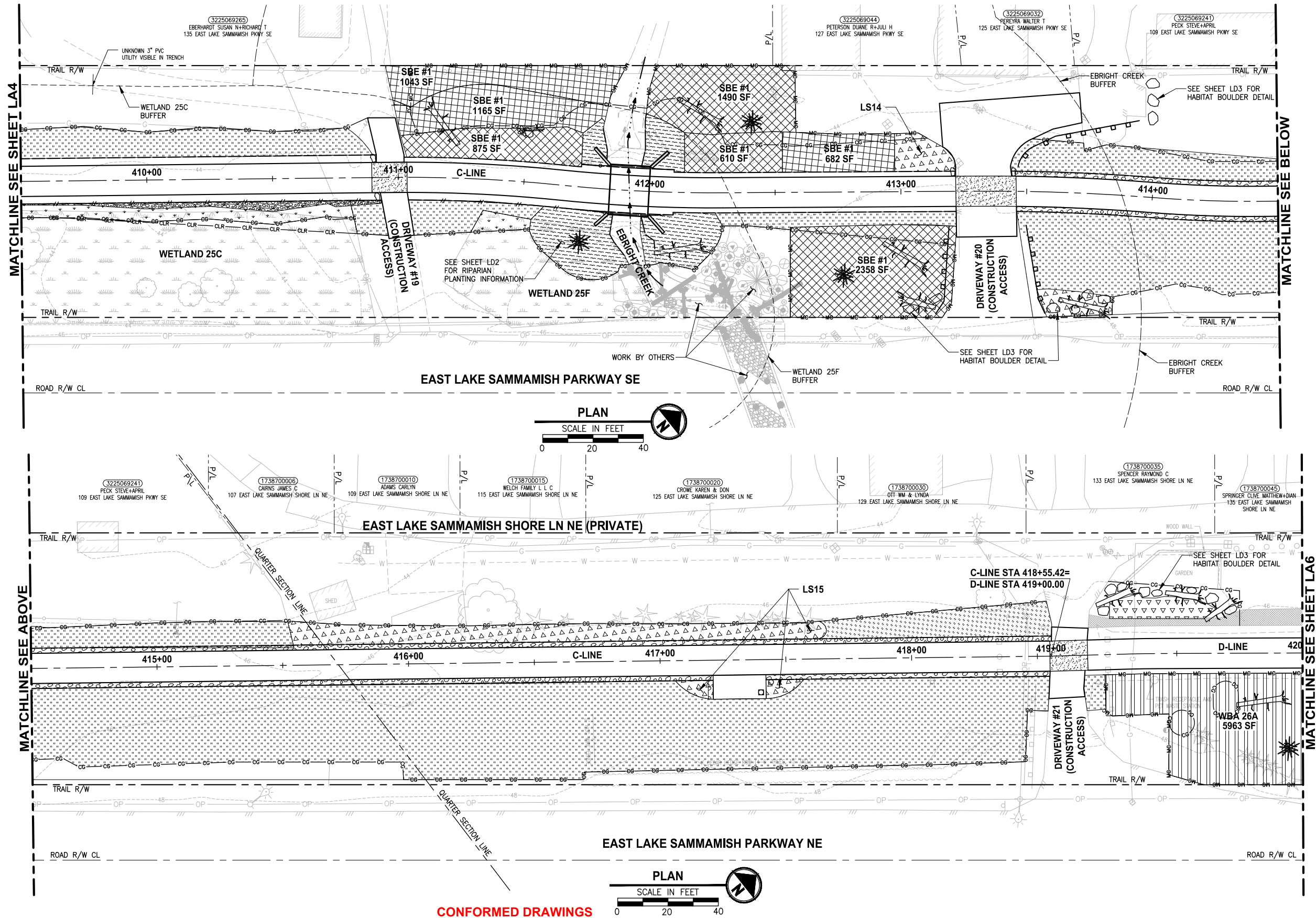
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 2**
SAMMAMISH, WA

LANDSCAPE PLAN
Addendum 2

SHEET NO.
144 OF 213
LA4

U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Sect\CADD\Phase 19\T03 Civil\Draw-Phase2\ PLOTTED BY: purgubut DATE: Monday, November 22, 2021 2:41:05 PM LAYOUT: LA5



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. 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.
4. TOPSOIL A. PLACE 6" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
5. WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF THE AREA PLANTED.

GENERAL NOTES:

1. SEE SHEETS LD3 AND LD4 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD5 AND LD6 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 TEMPORARILY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

LEGEND:

- SEEDING LAWN INSTALLATION AREA (4)
- SHORELINE BUFFER ENHANCEMENT AREA (1, 3)
- LOW SHRUB PLANTING AREA (3, 4, 5)
- SHRUB PLANTING AREA (3, 4, 5)
- WETLAND BUFFER ADDITION AREA (1, 3, 5)
- WET NATIVE SEEDING (3)
- RIPARIAN PLANTING AREA (3, 4, 5)
- HABITAT LOG
- BRUSH PILE
- HABITAT ROCK PILE
- HABITAT BOULDER

NOTE:
SEE SHEET LA11 FOR QUANTITY INFORMATION.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

REVISIONS	DATE	BY	DESIGNED
1	ADDENDUM 2 - LEGEND REVISIONS	11/18/21	JS
			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
JUNE 2021



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME

**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 2**

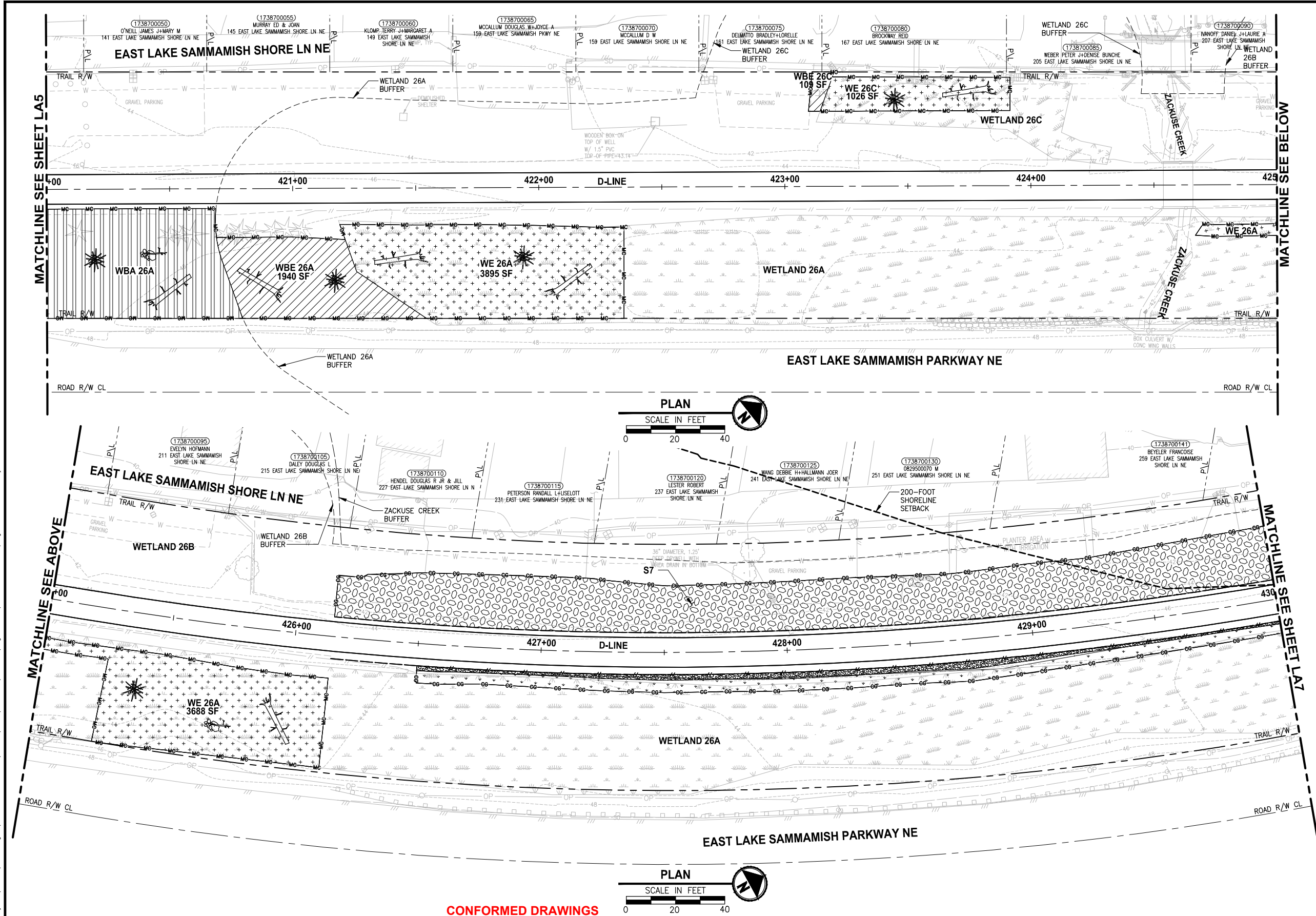
SAMMAMISH, WA

LANDSCAPE PLAN
Addendum 2

SHEET NO.
145 OF 213

LA5

PATH: U:\P50\Projects\Clients\1521-075-ELST\985\CA00\Phase 19\T03_Civil\Draw-Phase2\ PLOTTED BY: purgubut DATE: Monday, June 14, 2021 5:48:25 PM LAYOUT: LA6



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. 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.
4. TOPSOIL A. PLACE 6" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
5. WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF THE AREA PLANTED.

GENERAL NOTES:

1. SEE SHEETS LD3 AND LD4 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD5 AND LD6 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 TEMPORARILY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

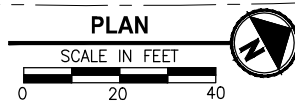
LEGEND:

- LOW SHRUB PLANTING AREA (3, 4, 5)
- SHRUB PLANTING AREA (3, 4, 5)
- WETLAND ENHANCEMENT AREA (1, 2, 5)
- WETLAND BUFFER ENHANCEMENT AREA (1, 3, 5)
- WETLAND BUFFER ADDITION AREA (1, 3, 5)
- WET NATIVE SEEDING (3)
- HABITAT LOG
- BRUSH PILE
- HABITAT ROCK PILE

NOTE:
SEE SHEET LA11 FOR QUANTITY INFORMATION.

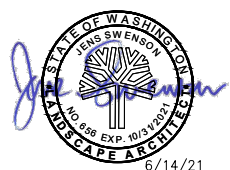
CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CONFORMED DRAWINGS



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

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME
BL1521075P19T03LA-02
JOB No.
554-1521-075 P19 T03
DATE
JUNE 2021



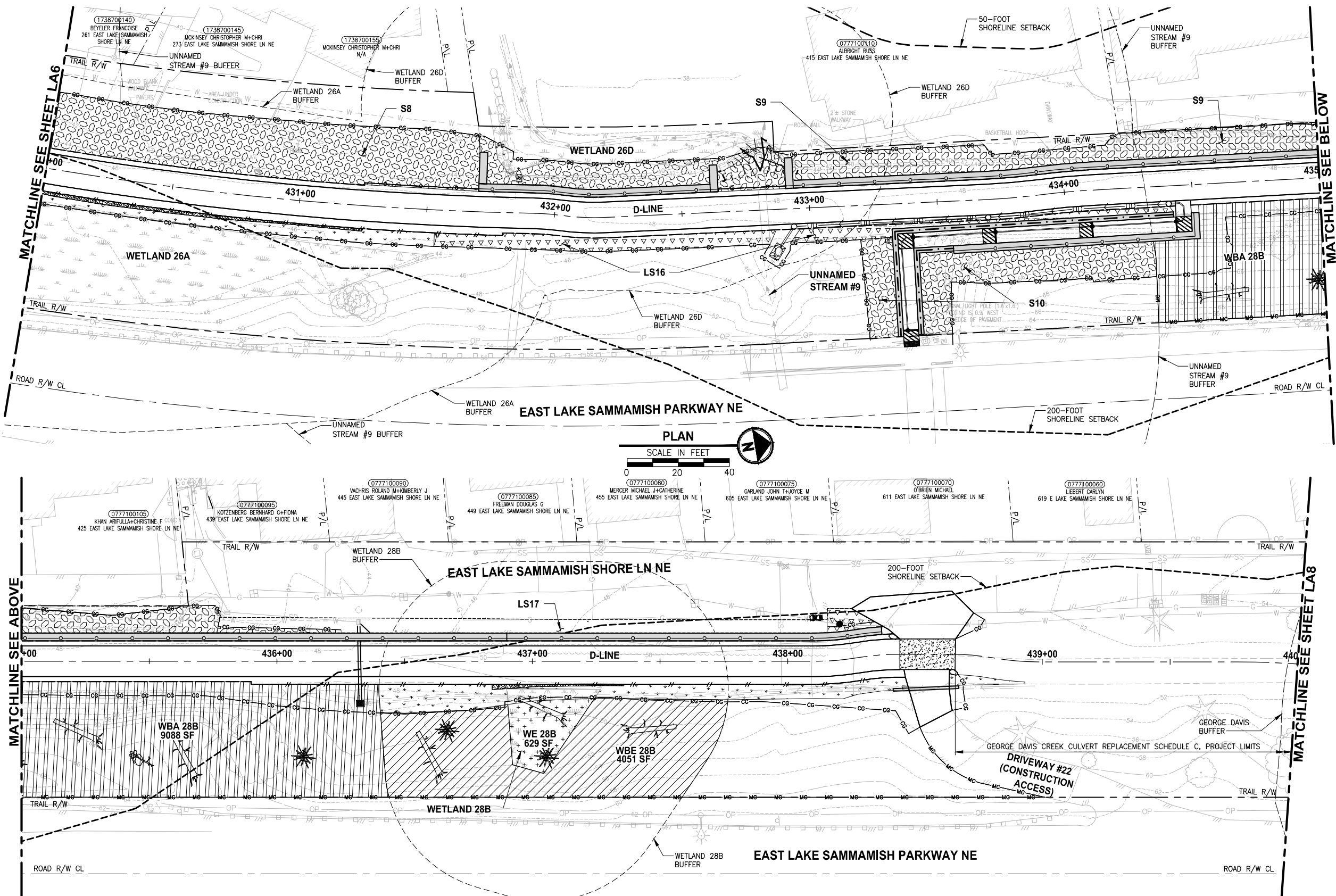
Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 2**
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
146 OF 213
LA6

PATH: U:\P50\Projects\Clients\1521-075-ELST\985\CA00\Phase 19\T03_Civil\DWG-Phase2\ PLOTTED BY: purgaban DATE: Monday, June 14, 2021 5:48:42 PM 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.
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. 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.
4. TOPSOIL A. PLACE 6" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
5. WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF THE AREA PLANTED.

GENERAL NOTES:

1. SEE SHEETS LD3 AND LD4 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD5 AND LD6 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 TEMPORARILY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

LEGEND:

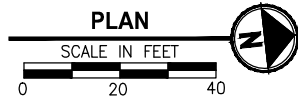
- LOW SHRUB PLANTING AREA (3, 4, 5)
- SHRUB PLANTING AREA (3, 4, 5)
- WETLAND ENHANCEMENT AREA (1, 2, 5)
- WETLAND BUFFER ENHANCEMENT AREA (1, 3, 5)
- WETLAND BUFFER ADDITION AREA (1, 3, 5)
- WET NATIVE SEEDING (3)
- HABITAT LOG
- BRUSH PILE
- HABITAT ROCK PILE

NOTE:
SEE SHEET LA12 FOR QUANTITY INFORMATION.

CITY OF SAMMAMISH APPROVAL

City Engineer	Date
Community Development	Date

CONFORMED DRAWINGS



ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME
BL1521075P19T03LA-02
JOB No.
554-1521-075 P19 T03
DATE
JUNE 2021

Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

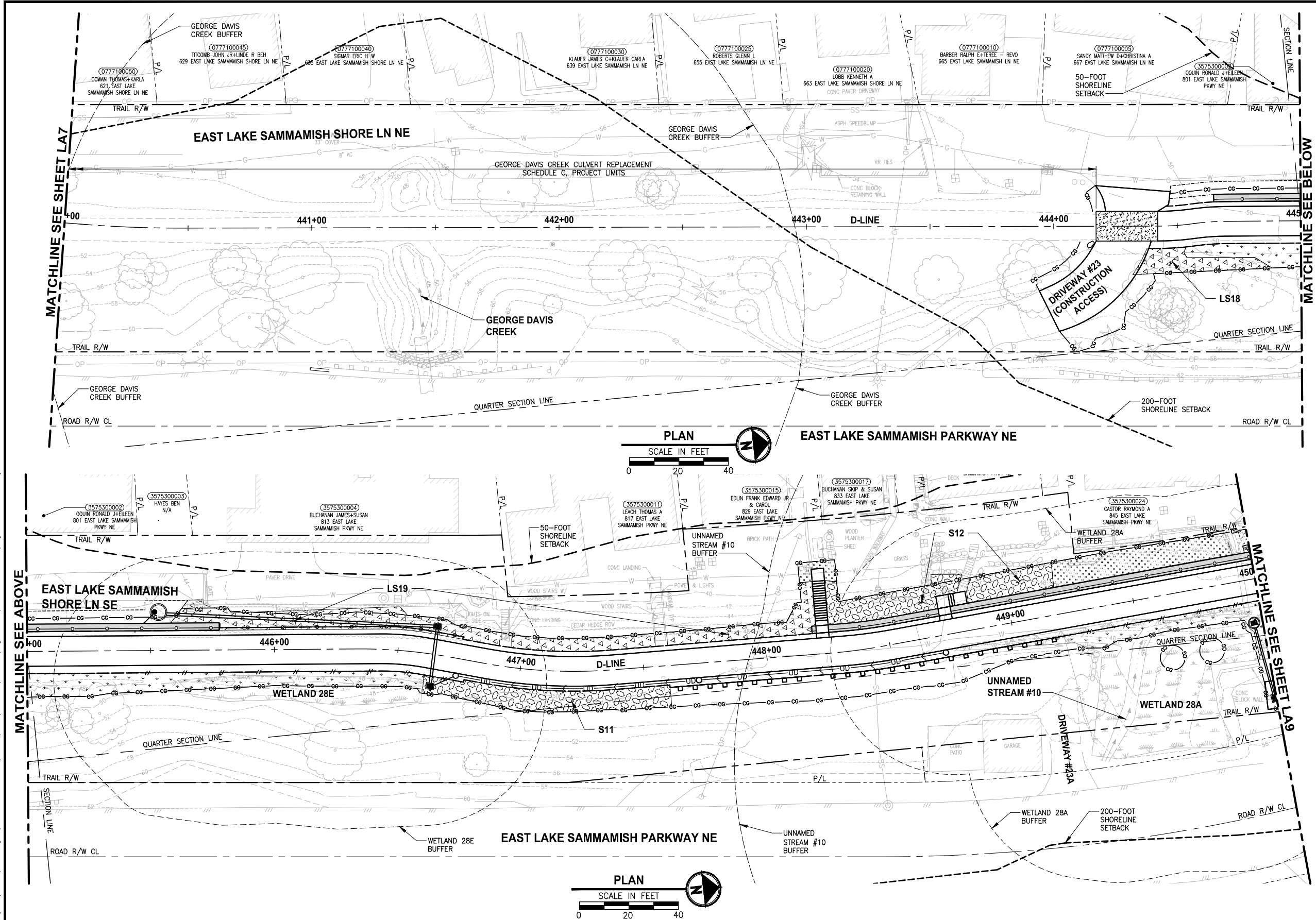
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 2**
SAMMAMISH, WA

LANDSCAPE PLAN

SHEET NO.
147 OF 213

LA7

PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Sves\CADD\Phase 19\T03_Civil\Draw-Phase2\LAYOUT: LA8
PLOTTED BY: purgaban DATE: Monday, November 22, 2021 2:15:23 PM



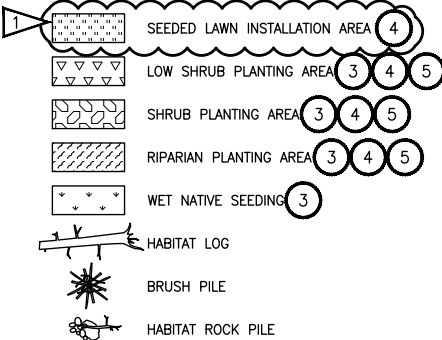
LANDSCAPE CONSTRUCTION NOTES:

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. 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.
4. TOPSOIL A. PLACE 6" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
5. WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF THE AREA PLANTED.

GENERAL NOTES:

1. SEE SHEETS LD3 AND LD4 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD5 AND LD6 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 TEMPORARILY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

LEGEND:



NOTE:
SEE SHEET LA12 FOR QUANTITY INFORMATION.

CONFORMED DRAWINGS

REVISIONS	DATE	BY	DESIGNED
1	ADDENDUM 2 - LEGEND REVISIONS	11/19/21	JS
			J. SWENSON
			B. PURGANAN
			Y. HO
			J. BAILEY

**ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY.**
FILE NAME
BL1521075P19T03LA-02
JOB No.
554-1521-075 P19 T03
DATE
JUNE 2021



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

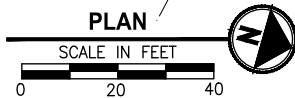
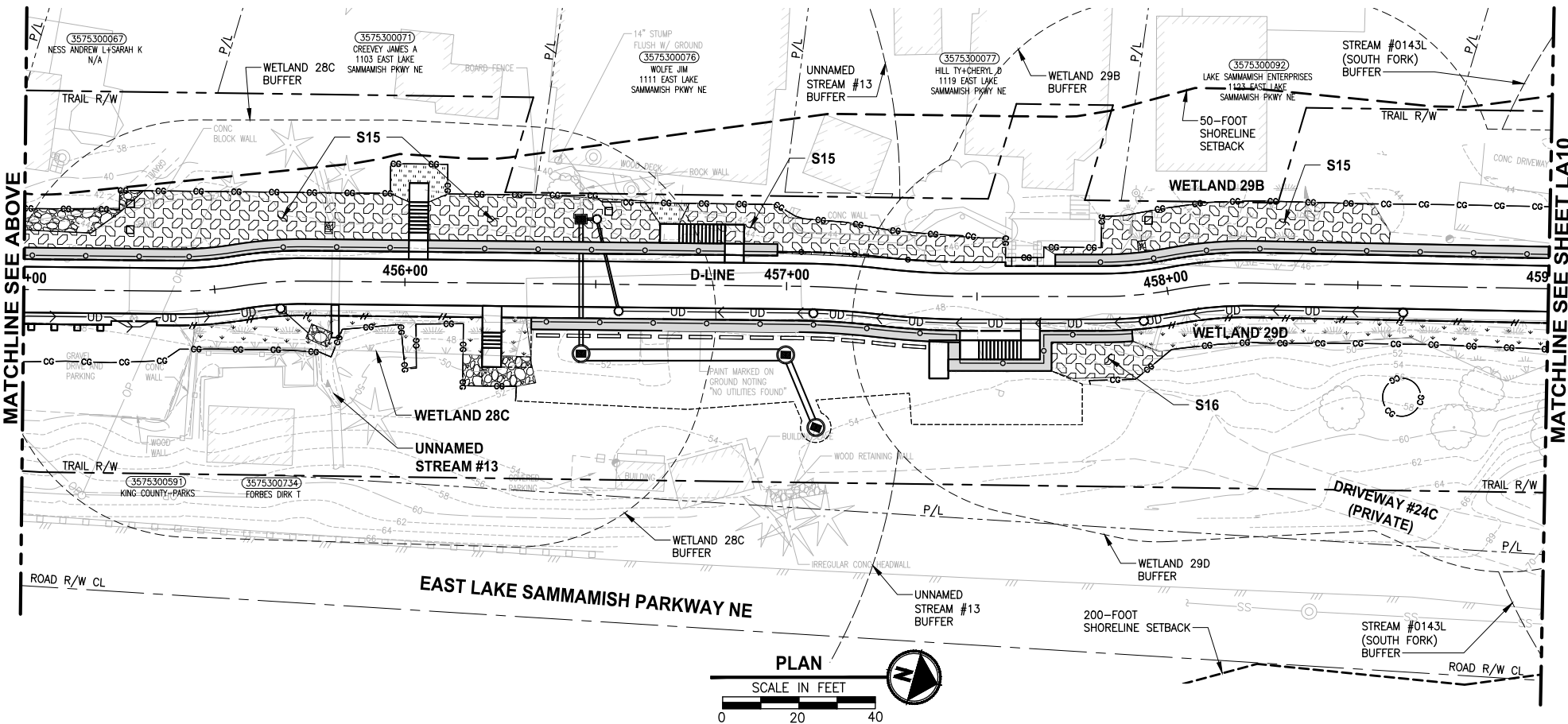
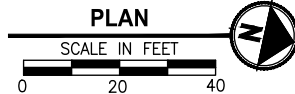
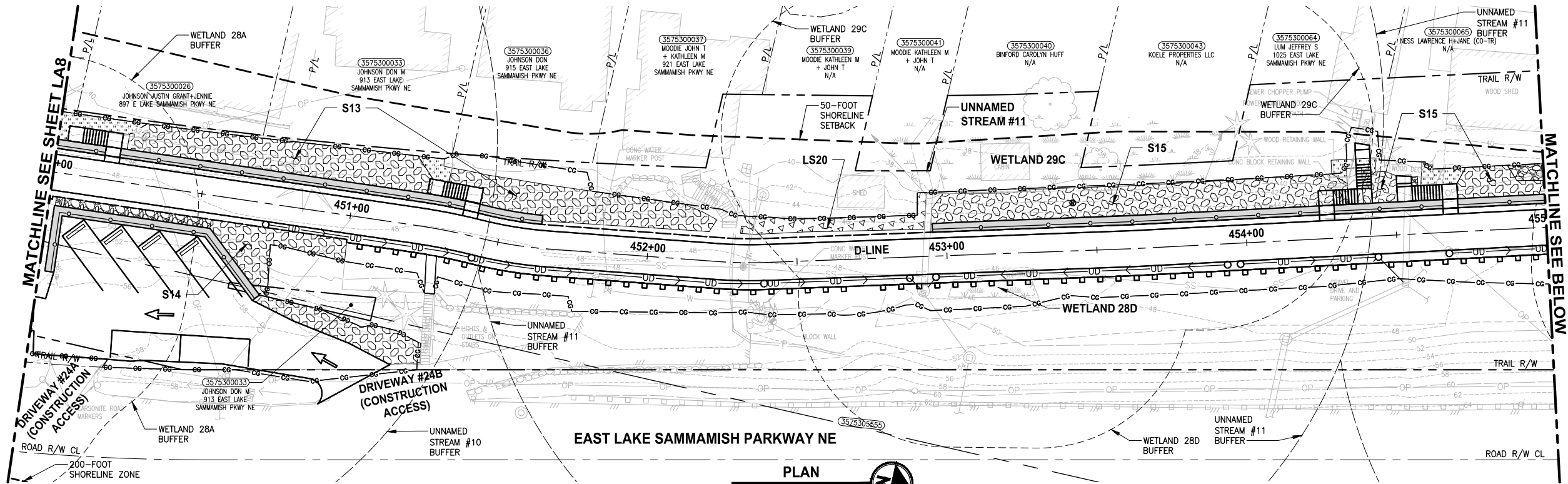
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 2**
SAMMAMISH, WA

LANDSCAPE PLAN
Addendum 2

SHEET NO.
148 OF 213
LA8

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\985\Set\CAD\Phase 19\T03_Civil\Draw-Phase2\LAYOUT: LA9 PLOTTED BY: purgaban DATE: Monday, November 22, 2021 2:15:50 PM



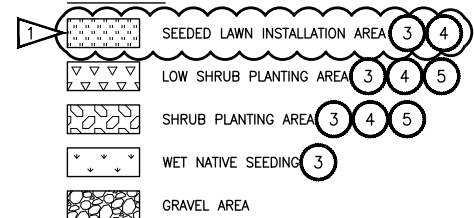
LANDSCAPE CONSTRUCTION NOTES:

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. 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.
4. TOPSOIL A. PLACE 6" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
5. WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF THE AREA PLANTED.

GENERAL NOTES:

1. SEE SHEETS LD3 AND LD4 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD5 AND LD6 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 TEMPORARILY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

LEGEND:



NOTE:
SEE SHEET LA12 FOR QUANTITY INFORMATION.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

REVISIONS	DATE	BY	DESIGNED
1	ADDENDUM 2 - LEGEND REVISIONS	11/19/21	JS
			DESIGNED J. SWENSON
			DRAWN B. PURGANAN
			CHECKED Y. HO
			APPROVED J. BAILEY

CONFORMED DRAWINGS

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME
BL1521075P19T03LA-02
JOB No.
554-1521-075 P19 T03
DATE
JUNE 2021



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

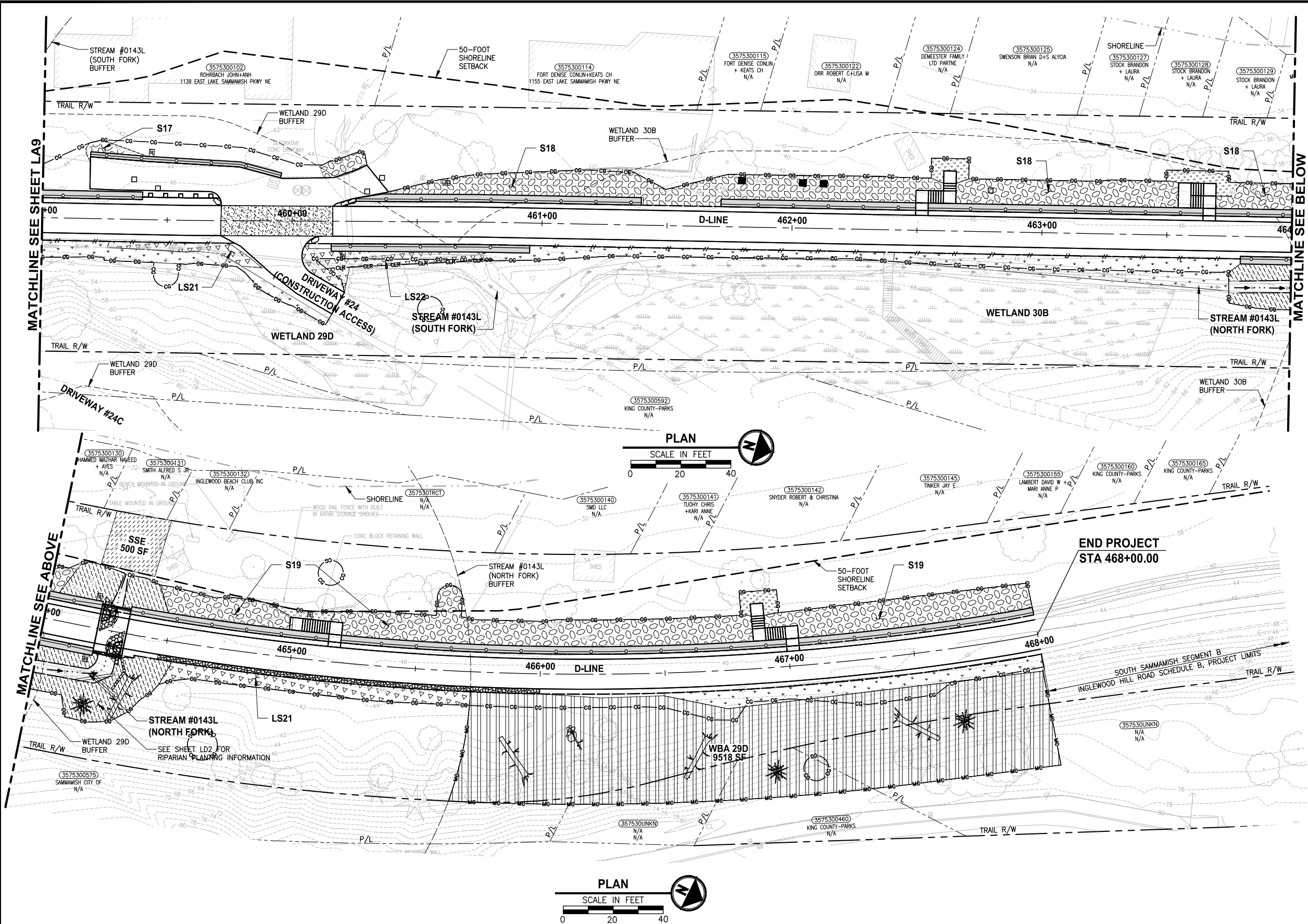
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 2**
SAMMAMISH, WA

LANDSCAPE PLAN
Addendum 2

SHEET NO.
149 OF 213

LA9

PATH: U:\PSO\Projects\Clients\KingCo\554-1521-075-ELST\995\cadd\Phase 19 T03 Civil\Draw-Phase2\ PLOTTED BY: purgaban DATE: Monday, November 22, 2021 2:16:20 PM LAYOUT: LA10



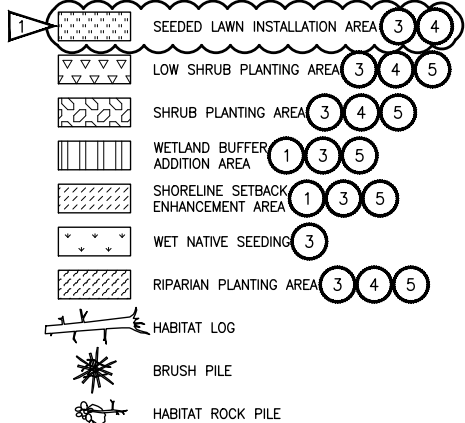
LANDSCAPE CONSTRUCTION NOTES:

- 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 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.
- 4 TOPSOIL A. PLACE 6" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
- 5 WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF THE AREA PLANTED.

GENERAL NOTES:

1. SEE SHEETS LD3 AND LD4 FOR PLANTING AND HABITAT FEATURE NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD5 AND LD6 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 DRILLPIE 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 TEMPORARILY DISTURBED SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

LEGEND:



NOTE:
SEE SHEET LA12 FOR QUANTITY INFORMATION.

CONFORMED DRAWINGS

REVISIONS	DATE	BY	DESIGNED
1	ADDENDUM 2 - LEGEND REVISIONS	11/19/21	JS
			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
JUNE 2021



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME

**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 2**

SAMMAMISH, WA

LANDSCAPE PLAN
Addendum 2

SHEET NO.
150 OF 213

LA10

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Sets\CADD\Phase 19\T03_Civil\Draw-Phase2\LAYOUT: LA11 PLOTTED BY: purgbut DATE: Tuesday, June 15, 2021 2:40:46 PM

QUANTITY TAB -FOR SHEET LA1-		QUANTITY BY AREA							
Planting Areas → Area SF →		WBA23C	WBE23C	WE23C	LS1	WBE24B	WE24B	WET SEED	
Trees		6936	3834	3548	2306	1428	1204	1808	
BIG LEAF MAPLE		10	5	-	-	2	-	-	
OREGON ASH		-	-	5	-	-	2	-	
SITKA SPRUCE		5	3	5	-	1	2	-	
SHORE PINE		-	-	-	-	-	-	-	
BITTER CHERRY		10	5	-	-	2	-	-	
DOUGLAS FIR		10	5	-	-	2	-	-	
PACIFIC WILLOW		-	-	5	-	-	2	-	
SCOUERS WILLOW		5	3	5	-	1	2	-	
WESTERN RED CEDAR		5	3	5	-	1	2	-	
WESTERN HEMLOCK		5	3	-	-	1	-	-	
Shrubs									
VINE MAPLE		21	8	7	-	3	3	-	
WESTERN SERVICEBERRY		21	8	-	-	3	-	-	
RED-TWIG DOGWOOD		-	-	11	-	-	5	-	
WESTERN HAZEL		10	4	-	-	1	-	-	
OCEAN SPRAY		21	8	-	-	3	-	-	
BLACK TWINBERRY		-	-	7	-	-	3	-	
PACIFIC CRAB APPLE		-	-	7	-	-	3	-	
OSO BERRY		21	8	-	-	3	-	-	
MOCK ORANGE		21	8	-	-	3	-	-	
PACIFIC NINEBARK		21	8	7	-	3	-	-	
RED FLOWERING CURRANT		21	8	-	-	3	3	-	
NOOTKAROSE		21	8	-	-	3	-	-	
CLUSTERED ROSE		-	-	11	-	-	5	-	
SITKA WILLOW		-	-	11	-	-	5	-	
SNOWBERRY		31	12	11	-	4	5	-	
Low Shrubs									
SALAL		-	-	-	85	-	-	-	
MAHONIA REPENS		-	-	-	128	-	-	-	
SWORD FERN		-	-	-	128	-	-	-	
KELSEY DWARF DOGWOOD		-	-	-	43	-	-	-	
DAYLILY		-	-	-	21	-	-	-	
LAVENDER 'HIDCOTE'		-	-	-	21	-	-	-	
Other Items									
MITIGATION CLEAR & GRUB - ACRE		0.127	0.053	0.049	-	0.020	0.022	-	
HERBICIDE TREATMENT - SY		-	-	-	237	-	-	107	-
SOIL AMENDMENT - ACRES		0.127	0.053	-	0.053	0.020	-	0.042	
TOPSOIL TYPE A - 6" DEPTH - CY		31	-	-	43	-	-	-	
WET NATIVE SEEDING - SY		-	-	-	-	-	-	201	
WOOD CHIP MULCH - CY		51	22	20	21	8	9	-	
HABITAT BRUSH PILE		2	-	1	-	1	1	-	
HABITAT LOG		1	1	1	-	-	1	-	
HABITAT ROCK PILE		1	-	-	-	-	-	-	

QUANTITY TAB -FOR SHEET LA2-		QUANTITY BY AREA				
Planting Areas → Area SF →		WE24B	LS2	S1	LAWN	WET SEED
Trees		1965	1068	608	4254	11084
OREGON ASH		-	-	-	-	-
SITKA SPRUCE		-	-	-	-	-
PACIFIC WILLOW		-	-	-	-	-
SCOUERS WILLOW		-	-	-	-	-
WESTERN RED CEDAR		-	-	-	-	-
Shrubs						
VINE MAPLE		7	-	-	-	-
RED-TWIG DOGWOOD		10	-	-	-	-
BLACK TWINBERRY		7	-	-	-	-
PACIFIC CRAB APPLE		7	-	-	-	-
PACIFIC NINEBARK		-	-	6	-	-
RED FLOWERING CURRANT		7	-	6	-	-
CLUSTERED ROSE		10	-	-	-	-
SITKA WILLOW		10	-	-	-	-
SNOWBERRY		10	-	6	-	-
Low Shrubs						
SALAL		-	39	-	-	-
MAHONIA REPENS		-	59	-	-	-
SWORD FERN		-	59	-	-	-
KELSEY DWARF DOGWOOD		-	20	3	-	-
DAYLILY		-	20	8	-	-
Other Items						
MITIGATION CLEAR & GRUB - ACRE		0.041	-	-	-	-
HERBICIDE TREATMENT - SY		197	-	-	-	-
SOIL AMENDMENT - ACRES		-	0.025	0.014	0.098	0.254
TOPSOIL TYPE A - 6" DEPTH - CY		-	20	11	79	-
WET NATIVE SEEDING - SY		-	-	-	-	1,232
SEEDED LAWN - SY		-	-	-	473	-
WOOD CHIP MULCH - CY		16	10	6	-	-
HABITAT BRUSH PILE		1	-	-	-	-
HABITAT LOG		1	-	-	-	-

QUANTITY TAB -FOR SHEET LA5-		QUANTITY BY AREA						
Planting Areas → Area SF →		SBE	LS14	LS15	LS16	WBA26A	WET SEED	LAWN
Trees		8223	300	1666	325	5963	1059	21910
BIG LEAF MAPLE		7	-	-	-	8	-	-
SITKA SPRUCE		10	-	-	-	4	-	-
SHORE PINE		7	-	-	-	8	-	-
BITTER CHERRY		10	-	-	-	8	-	-
DOUGLAS FIR		10	-	-	-	4	-	-
PACIFIC WILLOW		7	-	-	-	-	-	-
SCOUERS WILLOW		7	-	-	-	4	-	-
WESTERN RED CEDAR		10	-	-	-	4	-	-
Shrubs								
VINE MAPLE		28	-	-	-	7	-	-
WESTERN SERVICEBERRY		28	-	-	-	7	-	-
WESTERN HAZEL		14	-	-	-	3	-	-
OCEAN SPRAY		28	-	-	-	7	-	-
OSO BERRY		28	-	-	-	7	-	-
MOCK ORANGE		28	-	-	-	7	-	-
PACIFIC NINEBARK		28	-	-	-	7	-	-
RED FLOWERING CURRANT		28	-	-	-	7	-	-
NOOTKAROSE		28	-	-	-	7	-	-
SNOWBERRY		42	-	-	8	10	-	-
Low Shrubs								
SALAL		24	-	31	-	73	-	-
MAHONIA REPENS		49	11	77	8	73	-	-
SWORD FERN		49	6	31	5	75	-	-
KELSEY DWARF DOGWOOD		-	11	31	6	-	-	-
DAYLILY		-	6	62	6	-	-	-
LAVENDER 'HIDCOTE'		-	-	-	2	-	-	-
LIME MOUND SPIREA		-	11	62	5	-	-	-
DAVIDS VIBURNUM		-	11	15	-	-	-	-
Other Items								
MITIGATION CLEAR & GRUB - ACRE		0.151	-	-	-	0.082	-	-
SOIL AMENDMENT - ACRES		0.151	0.007	0.038	0.007	0.082	0.024	-
TOPSOIL TYPE A - 6" DEPTH - CY		-	6	31	6	-	-	406
WET NATIVE SEEDING - SY		-	-	-	-	-	118	-
SEEDED LAWN - SY		-	-	-	-	-	-	2,434
WOOD CHIP MULCH - CY		61	3	15	3	33	-	-
HABITAT BRUSH PILE		2	-	-	-	2	-	-
HABITAT LOG		4	1	-	3	2	-	-
HABITAT ROCK PILE		1	-	-	-	1	-	-
HABITAT BOULDER FOUR MAN		2	4	-	11	-	-	-

CONFORMED DRAWINGS

Parametrix

ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104

P 206.394.3700

WWW.PARAMETRIX.COM

PROJECT NAME

EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 2
SAMMAMISH, WA

LANDSCAPE SCHEDULE

LA11

SHEET NO.
151 OF 213

LA11

CITY OF SAMMAMISH APPROVAL

City Engineer

Community Development

Date

Date



ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME
BL1521075P19T03LA-03

JOB No.
554-1521-075 P19 T03

DATE
JUNE 2021

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

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995sets\CADD\Phase 19\T03_Civil\Draw-Phase2\LAYOUT: LA12 PLOTTED BY: purganb DATE: Tuesday, June 15, 2021 2:41:51 PM

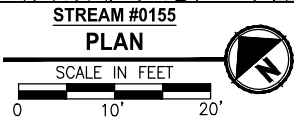
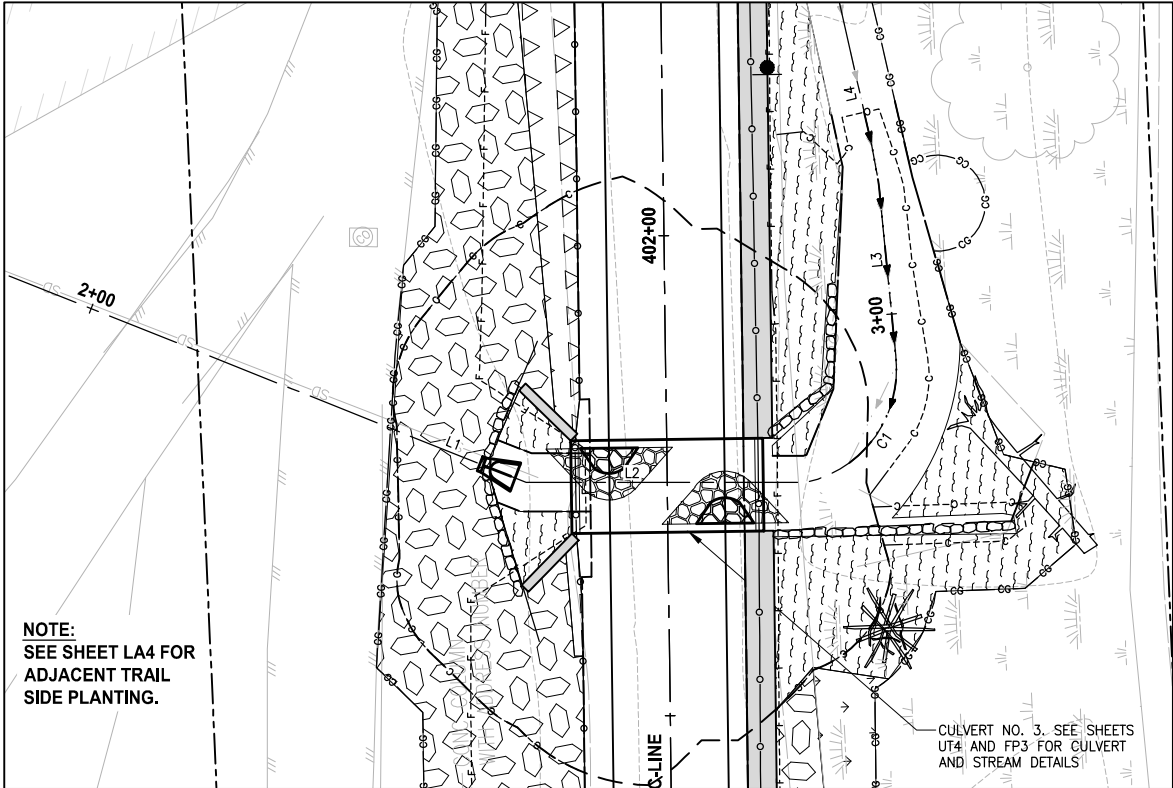
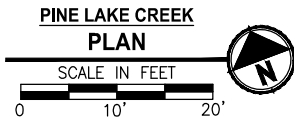
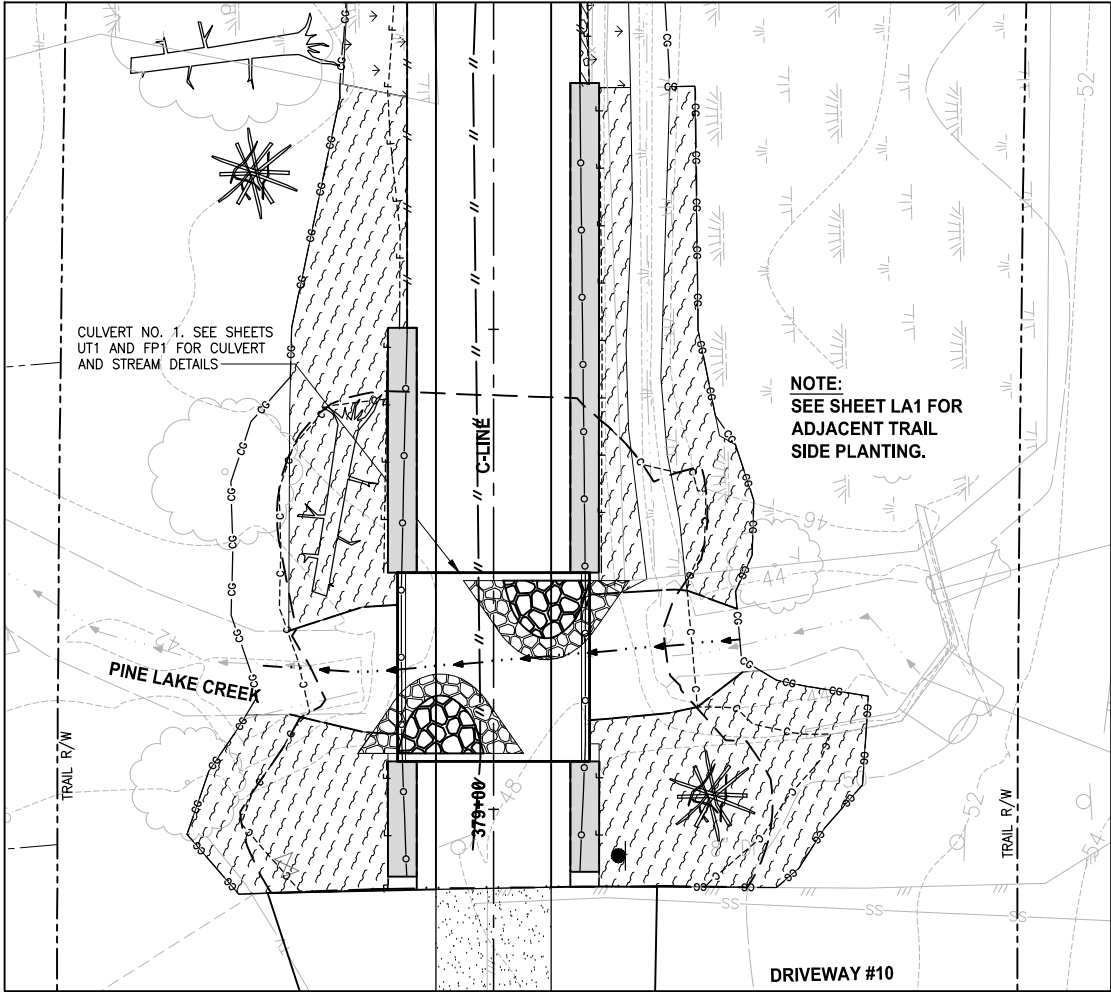
QUANTITY TAB -FOR SHEET LA6-		QUANTITY BY AREA						
Planting Areas → Area SF →		WBE26A	WE26A	WBE26C	WE26C	WET SEED	S7	
Trees		1940	7583	109	1026	1694	7743	
BIG LEAF MAPLE		4	-	-	-	-	-	8
OREGON ASH		-	14	-	2	-	-	
SITKA SPRUCE		2	14	-	2	-	-	
SHORE PINE		4	-	-	-	-	-	8
BITTER CHERRY		4	-	-	-	-	-	
DOUGLAS FIR		2	-	-	-	-	-	
PACIFIC WILLOW		-	14	-	2	-	-	
SCOUERS WILLOW		2	14	-	2	-	-	
WESTERN RED CEDAR		2	14	1	2	-	-	
WHITE WONDER DOGWOOD		-	-	-	-	-	-	8
EXCELSA CEDAR		-	-	-	-	-	-	16
Shrubs								
VINE MAPLE		7	28	-	4	-	-	24
WESTERN SERVICEBERRY		7	-	-	-	-	-	24
RED-TWIG DOGWOOD		-	42	-	6	-	-	
WESTERN HAZEL		4	-	-	-	-	-	
OCEAN SPRAY		7	-	-	-	-	-	24
BLACK TWINBERRY		-	28	-	4	-	-	
TALL OREGON GRAPE		-	-	4	-	-	-	36
PACIFIC CRAB APPLE		-	28	-	4	-	-	
MYRICA CALIFORNICA		-	-	-	-	-	-	12
OSO BERRY		7	-	-	-	-	-	
MOCK ORANGE		7	-	-	-	-	-	24
PACIFIC NINEBARK		7	-	-	-	-	-	24
RED FLOWERING CURRANT		7	28	-	4	-	-	24
NOOTKAROSE		7	-	-	-	-	-	12
CLUSTERED ROSE		-	42	-	6	-	-	
SITKA WILLOW		-	42	-	6	-	-	
SNOWBERRY		11	42	-	6	-	-	36
WINGED EUONYMUS		-	-	-	-	-	-	
Low Shrubs								
SALAL		-	-	-	-	-	-	47
MAHONIA REPENS		-	-	-	-	-	-	79
SWORD FERN		-	-	-	-	-	-	79
KELSEY DWARF DOGWOOD		-	-	-	-	-	-	31
DAYLILY		-	-	-	-	-	-	47
LAVENDER 'HIDCOTE'		-	-	-	-	-	-	31
LIME MOUND SPIREA		-	-	-	-	-	-	
DAVIDS VIBURNUM		-	-	-	-	-	-	
Other Items								
MITIGATION CLEAR & GRUB - ACRE		0.036	0.139	0.003	0.024	-	-	
HERBICIDE TREATMENT - SY		-	674	-	114	-	-	
SOIL AMENDMENT - ACRES		0.036	-	0.003	-	0.039	0.178	
TOPSOIL TYPE A- 6" DEPTH - CY		-	-	-	-	-	-	143
WET NATIVE SEEDING - SY		-	-	-	-	-	-	188
WOOD CHIP MULCH - CY		14	56	1	10	-	-	72
HABITAT BRUSH PILE		1	1	-	1	-	-	
HABITAT LOG		1	2	-	1	-	-	

QUANTITY TAB -FOR SHEET LA7-		QUANTITY BY AREA									
Planting Areas → Area SF →		S8	S9	S10	LS17	WBA28B	WBE28B	WE28B	WET SEED	LS18	
Trees		3758	2704	1885	1188	12666	4051	629	2006	137	
BIG LEAF MAPLE		4	-	-	-	12	5	-	-	-	
OREGON ASH		-	-	-	-	-	-	-	-	-	
SITKA SPRUCE		-	-	-	-	6	2	1	-	-	
SHORE PINE		4	-	5	-	12	5	-	-	-	
BITTER CHERRY		-	-	-	-	12	5	-	-	-	
DOUGLAS FIR		-	-	-	-	6	2	-	-	-	
PACIFIC WILLOW		-	-	-	-	-	-	2	-	-	
SCOUERS WILLOW		-	-	-	-	6	2	-	-	-	
WESTERN RED CEDAR		-	-	-	-	6	2	2	-	-	
WHITE WONDER DOGWOOD		4	-	5	-	-	-	-	-	-	
JAPANESE FLOWERING CHERRY		-	-	-	-	-	-	-	-	-	
EXCELSA CEDAR		9	-	-	-	-	-	-	-	-	
Shrubs											
VINE MAPLE		12	7	-	-	23	16	2	-	-	
WESTERN SERVICEBERRY		12	7	-	-	23	16	-	-	-	
RED-TWIG DOGWOOD		-	-	-	-	-	-	4	-	-	
WESTERN HAZEL		-	-	-	-	12	8	-	-	-	
OCEAN SPRAY		12	7	5	-	23	16	-	-	-	
BLACK TWINBERRY		-	-	-	-	-	-	2	-	-	
TALL OREGON GRAPE		18	10	8	-	-	-	-	-	-	
PACIFIC CRAB APPLE		-	-	-	-	-	-	2	-	-	
PACIFIC WAX MYRTLE		6	3	-	-	-	-	-	-	-	
OSO BERRY		-	-	5	-	23	16	-	-	-	
MOCK ORANGE		12	7	8	-	23	16	-	-	-	
PACIFIC NINEBARK		12	7	8	-	23	16	2	-	-	
RED FLOWERING CURRANT		12	7	8	-	23	16	-	-	-	
NOOTKAROSE		6	3	-	-	23	16	-	-	-	
CLUSTERED ROSE		-	-	-	-	-	-	4	-	-	
SITKA WILLOW		-	-	-	-	-	-	4	-	-	
SNOWBERRY		18	10	11	-	35	25	4	-	-	
WINGED EUONYMUS		-	-	-	-	-	-	-	-	-	
Low Shrubs											
SALAL		21	-	14	-	-	-	-	-	-	
MAHONIA REPENS		35	45	23	55	-	-	-	-	-	6
SWORD FERN		28	-	18	22	-	-	-	-	-	3
KELSEY DWARF DOGWOOD		28	45	18	33	-	-	-	-	-	4
DAYLILY		28	22	18	33	-	-	-	-	-	4
LAVENDER 'HIDCOTE'		-	22	-	22	-	-	-	-	-	4
LIME MOUND SPIREA		-	45	-	44	-	-	-	-	-	5
DAVIDS VIBURNUM		-	45	-	11	-	-	-	-	-	
Other Items											
MITIGATION CLEAR & GRUB - ACRE		-	-	-	-	0.291	0.093	0.014	-	-	
HERBICIDE TREATMENT - SY		-	-	-	-	-	-	70	-	-	
SOIL AMENDMENT - ACRES		0.086	0.062	0.043	0.027	0.291	0.093	-	0.046	0.003	
TOPSOIL TYPE A- 6" DEPTH - CY		70	50	35	22	-	-	-	-	-	3
WET NATIVE SEEDING - SY		-	-	-	-	-	-	-	223	-	
WOOD CHIP MULCH - CY		35	25	17	11	117	38	6	-	-	1
HABITAT BRUSH PILE		-	-	-	-	3	1	-	-	-	
HABITAT LOG		-	-	-	-	5	2	1	-	-	

QUANTITY TAB -FOR SHEET LA8-		QUANTITY BY AREA						
Planting Areas → Area SF →		LS19	LS20	S11	S12	LAWN	WET SEED	
Shrubs		348	1707	823	904	803	2053	
VINE MAPLE		-	-	-	-	4	-	-
WESTERN SERVICEBERRY		-	-	-	4	-	-	-
TALL OREGON GRAPE		-	-	2	4	-	-	-
RED FLOWERING CURRANT		-	-	2	5	-	-	-
CLUSTERED ROSE		-	-	2	-	-	-	-
SNOWBERRY		-	-	2	-	-	-	-
WINGED EUONYMUS		-	-	-	3	-	-	-
Low Shrubs								
SALAL		19	32	-	8	-	-	-
MAHONIA REPENS		19	79	30	-	-	-	-
SWORD FERN		26	32	18	8	-	-	-
KELSEY DWARF DOGWOOD		-	47	-	25	-	-	-
DAYLILY		-	63	24	-	-	-	-
LAVENDER 'HIDCOTE'		-	-	12	13	-	-	-
LIME MOUND SPIREA		-	32	12	13	-	-	-
DAVIDS VIBURNUM		-	32	24	17	-	-	-
Other Items								
SOIL AMENDMENT - ACRES		0.008	0.039	0.019	0.021	-	0.047	
TOPSOIL TYPE A- 6" DEPTH - CY		6	32	15	17	15	-	
WET NATIVE SEEDING - SY		-	-	-	-	-	-	228
SEEDED LAWN - SY		-	-	-	-	89	-	-
WOOD CHIP MULCH - CY		3	16	8	8	-	-	-

QUANTITY TAB -FOR SHEET LA9-		QUANTITY BY AREA							
Planting Areas → Area SF →		S13	S14	S15	LS21	S16	LAWN	WET SEED	
Trees		1879	853	4909	308	244	468	1150	
BIG LEAF MAPLE		-	-	8	-	-	-	-	-
DOUGLAS FIR		-	-	8	-	-	-	-	-
WESTERN RED CEDAR		-	-	8	-	-	-	-	-
WHITE WONDER DOGWOOD		3	2	8	-	-	-	-	-
JAPANESE FLOWERING CHERRY		-	-	-	-	2	-	-	-
EXCELSA CEDAR		3	2	8	-	-	-	-	-
Shrubs									
VINE MAPLE		6	-	16	-	-	-	-	-
WESTERN SERVICEBERRY		6	-	-	-	-	-	-	-
TALL OREGON GRAPE		9	2	25	-	-	-	-	-
PACIFIC WAX MYRTLE		9	2	16	-	-	-	-	-
MOCK ORANGE		-	-	16	-	-	-	-	-
PACIFIC NINEBARK		9	2	16	-	-	-	-	-
RED FLOWERING CURRANT		9	2	16	-	-	-	-	-
NOOTKAROSE		-	-	16	-	-	-	-	-
SNOWBERRY		13	2	25	-	4	-	-	-
WINGED EUONYMUS		-	-	16	-	-	-	-	-
Low Shrubs									
SALAL		10	17	14	6	3	-	-	-
MAHONIA REPENS		17	28	23	14	6	-	-	-
SWORD FERN		14	22	18	14	5	-	-	-
KELSEY DWARF DOGWOOD		14	22	18	6	5	-	-	-
DAYLILY		-	22	18	-	5	-	-	-

PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Sves\CADD\Phase 19\T03 Csh\Draw-Phase2\ LAYOUT: LD1 PLOTTED BY: purgabut DATE: Monday, June 14, 2021 5:53:08 PM



QUANTITY TAB -FOR THIS SHEET-		QUANTITY BY AREA	
Planting Areas →		Pine Lake Creek	Stream #0155
Trees	Area SF →	1801	1141
BIG LEAF MAPLE		2	-
OREGON ASH		-	2
SITKA SPRUCE		1	2
SHORE PINE		2	-
BITTER CHERRY		2	-
DOUGLAS FIR		1	-
PACIFIC WILLOW		-	2
SCOUERS WILLOW		1	-
WESTERN RED CEDAR		1	2
Shrubs			
VINE MAPLE		6	4
WESTERN SERVICEBERRY		6	-
RED-TWIG DOGWOOD		-	9
WESTERN HAZEL		3	-
OCEAN SPRAY		6	-
BLACK TWINBERRY		-	4
PACIFIC CRAB APPLE		-	4
OSO BERRY		6	-
MOCK ORANGE		6	-
PACIFIC NINEBARK		6	4
RED FLOWERING CURRANT		6	-
NOOTKA ROSE		6	-
CLUSTERED ROSE		-	9
SITKA WILLOW		-	9
SNOWBERRY		9	-
Low Shrubs			
SALAL		11	-
MAHONIA REPENS		11	-
SWORD FERN		11	-
Other Items			
MITIGATION CLEAR & GRUB - ACRE		-	-
SOIL AMENDMENT - ACRES		0.041	0.026
TOPSOIL TYPE A-6" DEPTH - CY		33	21
WOOD CHIP MULCH - CY		17	11
HABITAT BRUSH PILE		1	1
HABITAT LOG		1	1

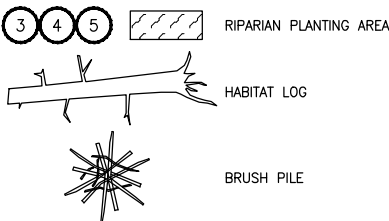
LANDSCAPE CONSTRUCTION NOTES:

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. 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.
4. TOPSOIL A. PLACE 6" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
5. 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 ADDITIONAL PLANTING NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD3 AND LD4 FOR MITIGATION AREA REQUIREMENTS.
2. CONTRACTOR SHALL SETBACK PLANTINGS FROM OTHER OBJECTS AS PROVIDED IN THE PLANT MATERIAL SETBACK CHART ON SHEET LD1.
3. PLACE 4" TOPSOIL AND SEED ALL DISTURBED AREAS OUTSIDE OF WETLANDS WITH WILDFLOWER SEED MIX, UNLESS OTHERWISE DESIGNATED FOR PLANTING. TEMPORARY DISTURBANCE OF WETLAND AREAS SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

LEGEND:



CONFORMED DRAWINGS

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
BL1521075P19T03LD-01

JOB No.
554-1521-075 P19 T03

DATE
JUNE 2021



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 2**
SAMMAMISH, WA

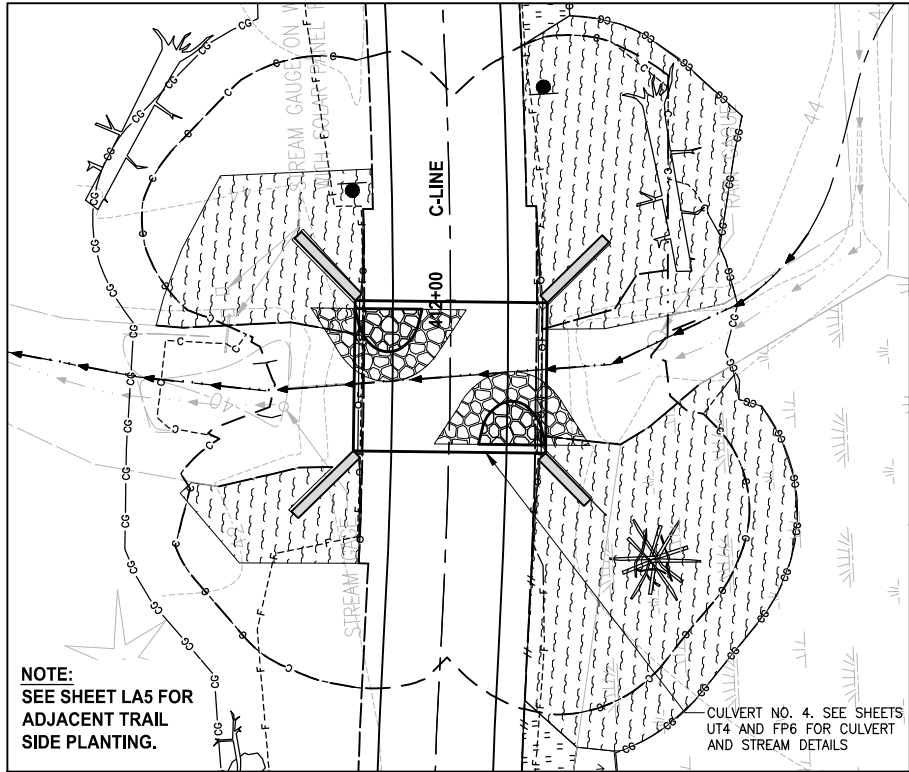
PLANTING DETAILS

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

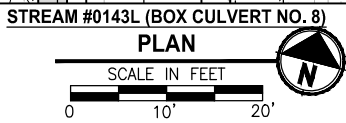
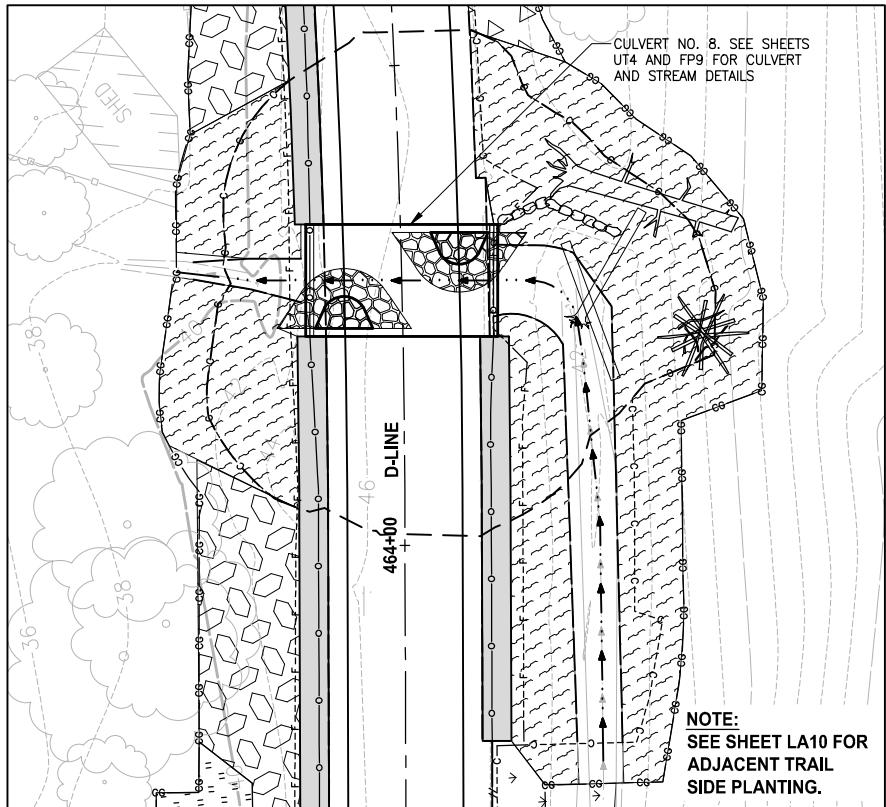
SHEET NO.
153 OF 213

LD1

PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Sves\CADD\Phase 19\T03 Cld\Draw-Phase2\ PLOTTED BY: purgubut DATE: Monday, June 14, 2021 5:53:16 PM LAYOUT: LD2



QUANTITY TAB -FOR THIS SHEET-		QUANTITY BY AREA	
Planting Areas →		Ebright Creek	Stream #0143L
Trees	Area SF →	0	0
BIG LEAF MAPLE		100	-
OREGON ASH		100	-
SITKA SPRUCE		40	-
SHORE PINE		100	-
BITTER CHERRY		100	-
DOUGLAS FIR		40	-
PACIFIC WILLOW		6	-
SCOUERS WILLOW		100	-
WESTERN RED CEDAR		40	-
Shrubs			
VINE MAPLE		10	-
WESTERN SERVICEBERRY		10	-
RED-TWIG DOGWOOD		6	-
WESTERN HAZEL		10	-
OCEAN SPRAY		10	-
BLACK TWINBERRY		10	-
PACIFIC CRAB APPLE		10	-
OSO BERRY		10	-
MOCK ORANGE		10	-
PACIFIC NINEBARK		10	-
RED FLOWERING CURRANT		10	-
NOOTKAROSE		10	-
CLUSTERED ROSE		10	-
SITKA WILLOW		10	-
SNOWBERRY		10	-
Low Shrubs			
SALAL		10	-
MAHONIA REPENS		10	-
SWORD FERN		10	-
Other Items			
MITIGATION CLEAR & GRUB - ACRE	20,000.000	-	
SOIL AMENDMENT - ACRES	20,000.000	-	
TOPSOIL TYPE A - 6" DEPTH - CY	55	-	
WOOD CHIP MULCH - CY	50	-	
HABITAT BRUSH PILE	500	-	
HABITAT LOG	500	-	



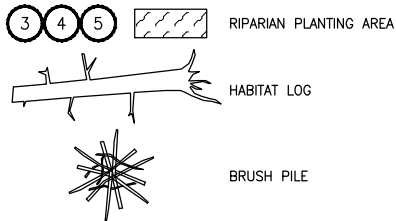
LANDSCAPE CONSTRUCTION NOTES:

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. 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.
4. TOPSOIL A. PLACE 6" LAYER TOPSOIL OVER THE ENTIRE SURFACE OF PLANTING AREA.
5. WOOD CHIP MULCH. PLACE 3" LAYER WOOD CHIP MULCH OVER THE ENTIRE SURFACE OF THE AREA PLANTED.

GENERAL NOTES:

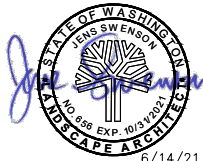
1. SEE SHEETS LD1 AND LD2 FOR ADDITIONAL PLANTING NOTES, DETAILS AND REQUIREMENTS. SEE SHEETS LD3 AND LD4 FOR MITIGATION AREA REQUIREMENTS.
2. CONTRACTOR SHALL SETBACK PLANTINGS FROM OTHER OBJECTS AS PROVIDED IN THE PLANT MATERIAL SETBACK CHART ON SHEET LD1.
3. PLACE 4" TOPSOIL AND SEED ALL DISTURBED AREAS OUTSIDE OF WETLANDS WITH WILDFLOWER SEED MIX, UNLESS OTHERWISE DESIGNATED FOR PLANTING. TEMPORARY DISTURBANCE OF WETLAND AREAS SHALL BE RESTORED WITH WET NATIVE SEED OR AS DIRECTED BY OWNERS REPRESENTATIVE.

LEGEND:



CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

CONFORMED DRAWINGS



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 2**
SAMMAMISH, WA

PLANTING SCHEDULE

SHEET NO.
154 OF 213

LD2

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

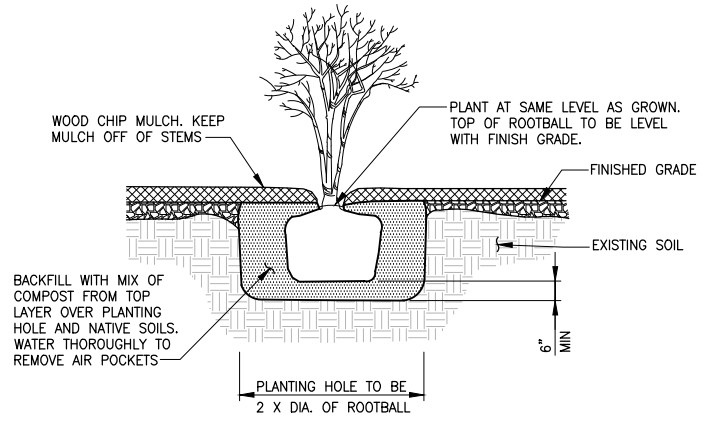
ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME
BL1521075P19T03LD-01

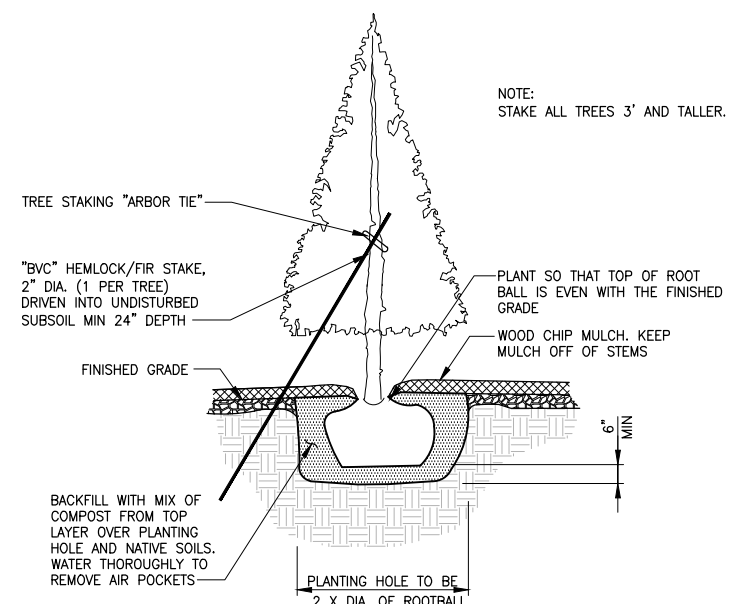
JOB No.
554-1521-075 P19 T03

DATE
JUNE 2021

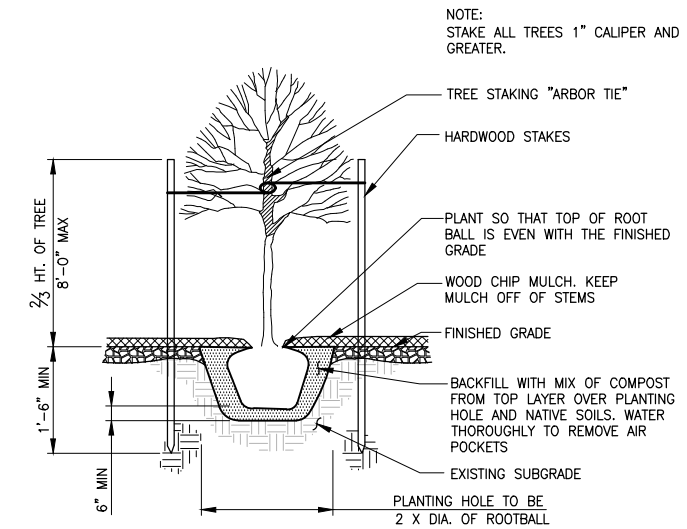
PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\985\Set\CAD\Phase 19\T03 CHA\Draw-Phase2.dwg
PLOTTED BY: purgaban DATE: Monday, June 14, 2021 5:53:25 PM
LAYOUT: LD3



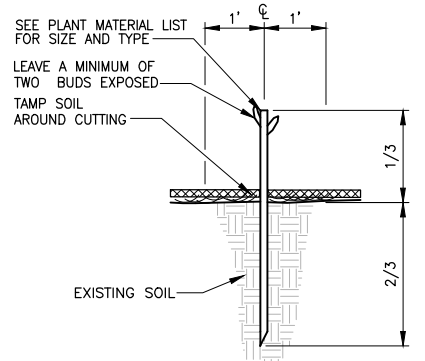
**SHRUB AND SMALL TREE PLANTING
DETAIL**
NO SCALE



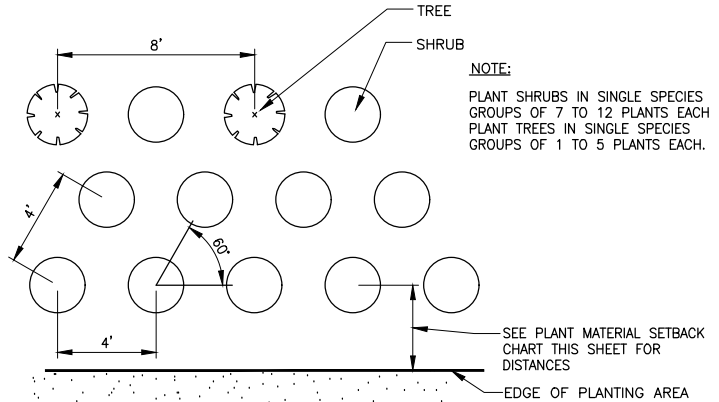
**CONIFEROUS TREE PLANTING
DETAIL**
NO SCALE



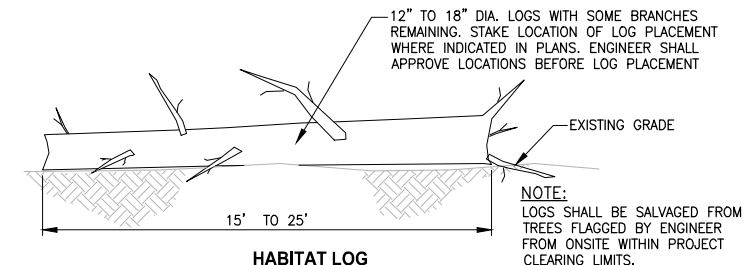
DECIDUOUS TREE PLANTING DETAIL
NO SCALE



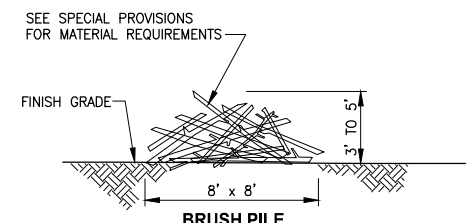
**LIVE STAKE INSTALLATION
DETAIL**
NO SCALE



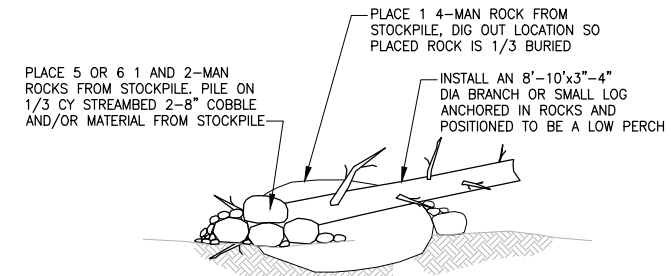
**TYPICAL TREE AND SHRUB SPACING
DETAIL**
NO SCALE



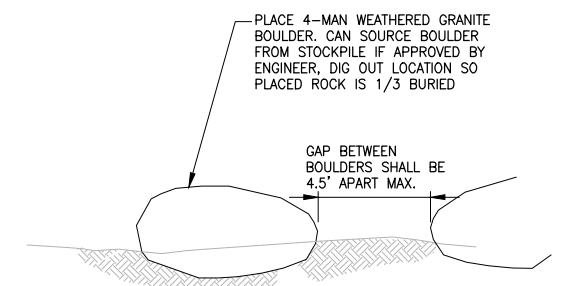
**HABITAT LOG
DETAIL**
NO SCALE



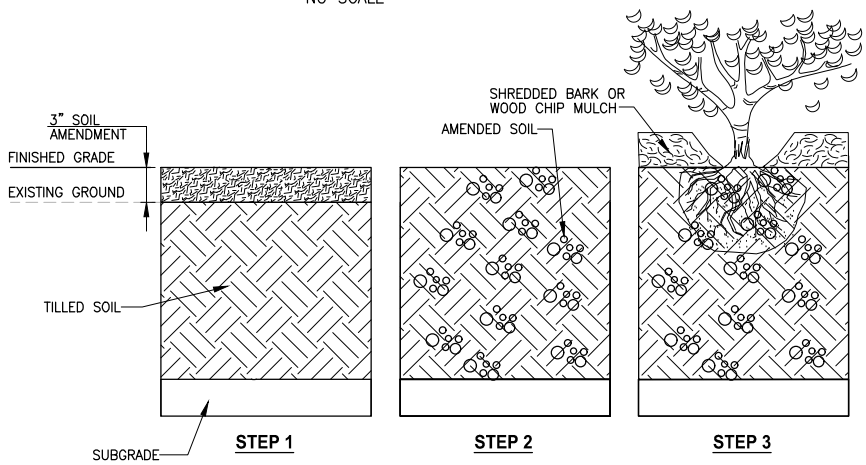
**BRUSH PILE
DETAIL**
NO SCALE



**HABITAT ROCK PILE
DETAIL**
NO SCALE



**HABITAT BOULDER
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.
- NOTE:**
IN THE FOLLOWING AREAS PLACE SOIL AMENDMENT IN AN EVEN LAYER WITHOUT TILLING SOIL OR TILLING OF SOIL AMENDMENT INTO GRADE UNLESS APPROVED BY THE ENGINEER:
- AREAS WITH SLOPE GREATER THAN 2:1;
- AREAS WITHIN THE DRIP LINE OF EXISTING TREES;
- AREAS WITHIN EXISTING SHRUB MASSINGS.

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.

CONFORMED DRAWINGS



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 2**
SAMMAMISH, WA

PLANTING DETAILS

SHEET NO.
155 OF 213
LD3

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME
BL1521075P19T03LD-02
JOB No.
554-1521-075 P19 T03
DATE
JUNE 2021

PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Sves\CADD\Phase 19\T03 Civil\Draw-Phase2\ PLOTTED BY: purgobut DATE: Tuesday, June 15, 2021 2:28:24 PM LAYOUT: LD4

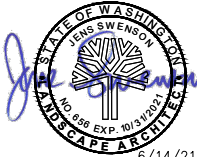
PLANT MATERIAL LIST

QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE AND CONDITION	NOTES
	<i>Trees</i>			
121	ACER MACROPHYLLUM	BIG LEAF MAPLE	1" CALIPER, CONT. OR B&B	SPACE TREES 8 TO 10- FEET MIN. ON CENTER
39	CORNUS 'EDDIE'S WHITE WONDER'	WHITE WONDER DOGWOOD	1" CALIPER, CONT. OR B&B	
36	FRAXINUS LATIFOLIA	OREGON ASH	1" CALIPER, CONT. OR B&B	
84	PICEA SIT CHENSIS	SITKA SPRUCE	3' HT., CONT.	
87	PINUS CONTORTA 'CONTORTA'	SHORE PINE	3' HT., CONT.	
97	PRUNUS EMARGINATA	BITTER CHERRY	1" CALIPER, CONT. OR B&B	
4	PRUNUS SERRULATA 'AMANOAWA'	JAPANESE FLOWERING CHERRY	1 1/2" CALIPER, CONT. OR B&B	
94	PSUEDOTSUGA MENZIESII	DOUGLAS FIR	3' HT., CONT.	
46	SALIX L. SSP. LASIANDRA	PACIFIC WILLOW	1/2" DIA X 36" LIVESTAKE CUTTING	
74	SALIX SCOULERIANA	SCOUERS WILLOW	1/2" DIA X 36" LIVESTAKE CUTTING	
125	THUJA PLICATA	WESTERN RED CEDAR	3' HT., CONT.	
44	THUJA PLICATA 'EXCELSA'	EXCELSA CEDAR	6' HT., CONT.	
25	TUGAHETEROPHYLLA	WESTERN HEMLOCK	3' HT., CONT.	
	<i>Shrubs</i>			
407	ACER CIRCINATUM	VINE MAPLE	12" HT., #1 CONT.	SPACE SHRUBS 4 TO 6- FEET ON CENTER
311	AMELANCHIER ALNIFOLIA	WESTERN SERVICEBERRY	12" HT., #1 CONT.	
130	CORNUS SERICEA	RED- TWIG DOGWOOD	1/2" DIA X 36" LIVESTAKE CUTTING	
95	CORYLUS CORNUTA	WESTERN HAZEL	12" HT., #1 CONT.	
21	EUONYMUS ALATUS 'COMPACTUS'	WINGED EUONYMUS	18" HT., #2 CONT.	
275	HOLODISCUS DISCOLOR	OCEAN SPRAY	12" HT., #1 CONT.	
73	ONICERAINVOLUCRATA	BLACK TWINBERRY	12" HT., #1 CONT.	
192	MAHONIA AQUIFOLIUM	TALL OREGON GRAPE	12" HT., #1 CONT.	
73	MALUS FUSCA	PACIFIC CRAB APPLE	12" HT., #1 CONT.	
56	MYRICACALIFORNICA	PACIFIC WAX MYRTLE	12" HT., #1 CONT.	
242	OEMLARIA CERASIFORMIS	OSO BERRY	12" HT., #1 CONT.	
274	PHILADELPHUS LEWISII	MOCK ORANGE	12" HT., #1 CONT.	
333	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	12" HT., #1 CONT.	
403	RIBES SANGUINEUM	RED FLOWERING CURRANT	12" HT., #1 CONT.	
240	ROSANUTKANA	NOOTKAROSE	12" HT., #1 CONT.	
107	ROSAPISOCARPA	CLUSTERED ROSE	12" HT., #1 CONT.	
123	SALIX SIT CHENSIS	SITKA WILLOW	1/2" DIA X 36" LIVESTAKE CUTTING	
605	SYMPHORICARPOS ALBUS	SNOWBERRY	12" HT., #1 CONT.	
4	THUJA OCCIDENTALIS 'SMARAGD'	EMERALD GREEN ARBORVITAE	6' HT., CONT. OR B&B	
	<i>Low shrubs</i>			
1007	CORNUS SERICEA 'KELSEY'	KELSEY DWARF DOGWOOD	#2 CONT.	SPACE PLANTS 3- FEET ON CENTER
1256	GAULTHERIA SHALLON	SALAL	#1 CONT.	
1027	HEMEROCALLIS 'STELLA DE ORO'	DAYLILY	#1 CONT.	
297	LAVANDULA ANGUSTIFOLIA 'HIDCOTE'	LAVENDER 'HIDCOTE'	#2 CONT.	
2041	MAHONIA REPENS	CREeping OREGON GRAPE	#1 CONT.	
1690	POLYSTICHUM MUNITUM	SWORD FERN	#1 CONT.	
424	SPIRAEA BUMALDA 'LIME MOUND'	LIME MOUND SPIREA	#2 CONT.	SPACE PLANTS 4- FEET ON CENTER
620	VIBURNUM DAVIDII	DAVIDS VIBURNUM	#2 CONT.	

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 PROJECT REPRESENTATIVE. ELECTRONIC FILES FOR LIMITS SHALL 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 WITH EFFECTED WORK.
- SEE THESE 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.

CONFORMED DRAWINGS



6/14/21

Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME

EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 2
SAMMAMISH, WA

PLANTING SCHEDULE

SHEET NO.
156 OF 213

LD4

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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
BL1521075P19T03LD-02
JOB No.
554-1521-075 P19 T03
DATE
JUNE 2021

PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\985\es\CADD\Phase 19\T03_Cha\Draw-Phase2\ PLOTTED BY: purgobut DATE: Monday, June 14, 2021 5:53:40 PM LAYOUT: LD5

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. The proposed mitigation will accomplish this by enhancing 0.65 acre of wetland, increasing the buffer of 8 wetlands by 1.53 acres, enhancing 0.75 acre of wetland buffer, enhancing 0.24 acre of stream buffer, replacing 8 fish barrier culverts on 6 Type F streams with pipes that are fish passable, and enhancing 0.09 acre of shoreline setback. In addition, mitigation for 0.22 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.

Mitigation Goals

The mitigation goals are:

- Enhance 0.65 acre of wetland.
- Increase and enhance the buffer of 8 wetlands by 1.53 acres.
- Enhance 0.75 acre of wetland buffer.
- Enhance 0.24 acre of stream buffer.
- Replace 8 fish barrier culverts on 6 Type F streams with fish passable culverts.
- Enhance 0.09 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:

- Provide additional fish habitat by removing fish barriers, increasing open stream channel, and opening up available upstream habitat.
- Increase the production of organic matter by planting trees and shrubs in the created/restored wetland, 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).

Mitigation Objectives and Performance Standards

Wetlands

Objective 1: Enhance by planting native species a minimum of 0.65-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.

Streams

Instream Habitat

Objective 2: Replace existing fish barrier culvert at the (six) trail crossings on Pine Lake Creek, Stream 0155, Ebright Creek, Zackuse Creek, George Davis Creek, Stream 0143L, and (two) downstream road crossings on Pine Lake Creek and Zackuse Creek with fish passage culvert to open up available upstream habitat.	
Performance Standards:	
Year 1, 2, 3, and 5	Constructed habitat elements including the new fish passable culverts, regraded channels, and streambed material will remain in place as constructed at all 8 culvert replacement sites.

Wetland and Stream Buffers Areas

Objective 3: Establish a minimum of 2.28-acre forested and scrub-shrub wetland buffer, and 0.24-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.

Shoreline Setback Areas

Objective 3: Establish a minimum of 0.09-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.	

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.	

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.	

Anthropogenic Disturbance

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

CONFORMED DRAWINGS



6/14/21

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 BL1521075P19T03LD-02
JOB No. 554-1521-075 P19 T03
DATE JUNE 2021

Parametrix ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES
719 2ND AVENUE, SUITE 200 SEATTLE, WA 98104 P 206.394.3700 WWW.PARAMETRIX.COM

PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B - PHASE 2
SAMMAMISH, WA

MITIGATION NOTES

SHEET NO. 157 OF 213
LD5

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

PATH: U:\P50\Projects\Clients\1521-075-ELST\99Sves\CADD\Phase 19\T03 Cih\Dwg-Phase2\ PLOTTED BY: purgobut DATE: Monday, June 14, 2021 5:53:45 PM LAYOUT: LD6

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.

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 as-built report will be sent to the City and USACE within 60 days of completion of construction and planting.

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.

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 February 15 of the following 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.

Qualitative Monitoring

Qualitative monitoring will be conducted as follows:

- A qualified professional will qualitatively assess the constructed habitat elements including the new fish passable culverts, regraded channels, and streambed material 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.

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.

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.

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.

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.

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.

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.

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.

CONFORMED DRAWINGS



6/14/21

Parametrix

ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

719 2ND AVENUE, SUITE 200 | SEATTLE, WA 98104
P 206.394.3700
WWW.PARAMETRIX.COM

PROJECT NAME

EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 2
SAMMAMISH, WA

CITY OF SAMMAMISH APPROVAL

City Engineer

Date

Community Development

Date

MITIGATION NOTES

SHEET NO.
158 OF 213

LD6