



REVISIONS	DATE	BY	DESIGNED C. BUITRAGO/C. SHARMA
ADDENDUM #6	3/3/21	CB	DRAWN B. PURGANAN
			CHECKED Y. HO/J. COOP
			APPROVED J. BAILEY

CONFORMED DRAWING

3/3/21 3/3/21

City of Sammamish Page 68 of 191

UTILITY AND DRAINAGE PLAN

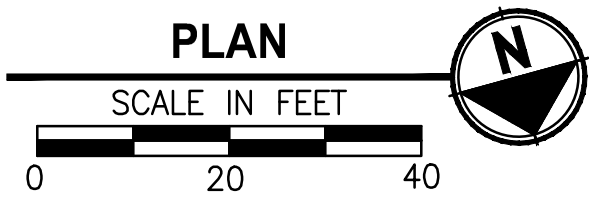
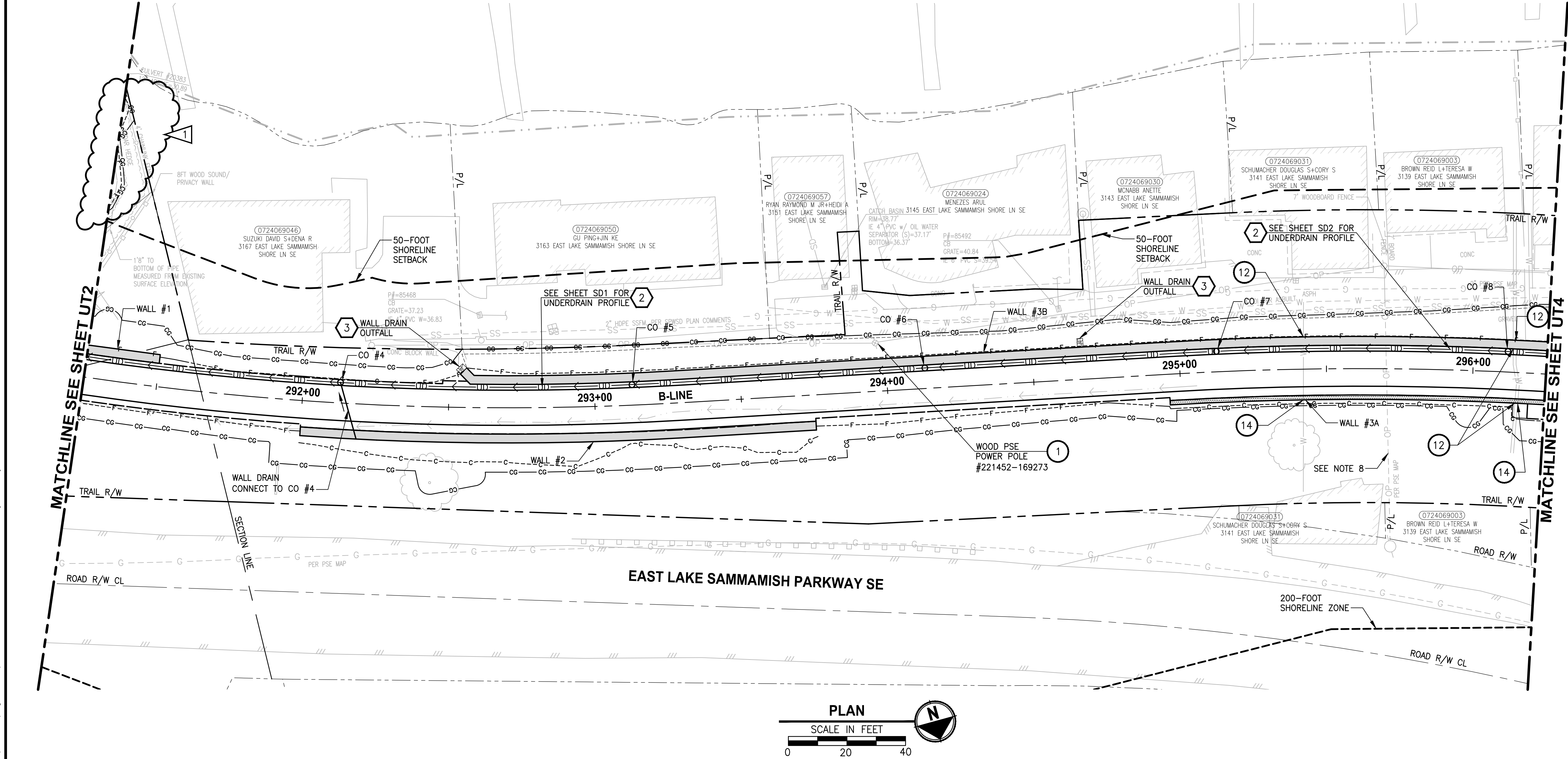
UT1

- 1 PROTECT EXISTING UTILITY.
- 2 POLE TO BE RELOCATED BY OTHERS.
- 3 INSTALL NEW HYDRANT ASSEMBLY PER SPWSD FIRE HYDRANT ASSEMBLY DETAIL. EXISTING HYDRANT SHALL BE REMOVED AND DELIVERED TO THE SPWSD HEADQUARTERS AND 6" WATER MAIN SHALL BE REMOVED OR INSTALLED AS REQUIRED FOR HYDRANT INSTALLATION.
- 4 INSTALL NEW BOLLARD PER SPWSD "FIRE HYDRANT ASSEMBLY" DETAIL.
- 5 INSTALL FIELD-APPLIED SLIP RESISTANT COATING ON EXISTING COVER OR LID AS INDICATED.
- 6 REMOVE AND DISPOSE IRRIGATION SYSTEM. CUT & CAP WATER LINE.
- 7 ADJUST WATER METER TO FINISHED GRADE. COORDINATE WITH SPWSD.
- 8 ADJUST WATER VALVE/VAULT TO FINISHED GRADE. COORDINATE WITH SPWSD.
- 9 ADJUST CLEANOUT TO FINISHED GRADE.
- 10 ADJUST SEWER VALVE/BOXES TO FINISHED GRADE. COORDINATE WITH SPWSD.
- 11 ADJUST GAS VALVE TO FINISHED GRADE, BY OTHERS.
- 12 POTHOLE TO VERIFY. INSTALL SLEEVE PER DETAILS ON SHEET WD2.
- 13 MONITORING WELL TO BE DECOMMISSIONED BY OTHERS.
- 14 POTHOLE TO VERIFY. SLEEVE EX SS/W LINE UNDER PROPOSED SOLDIER PILE WALL PER DETAIL 3 ON SHEET S9.
- 15 POTHOLE TO VERIFY W/SS LINE DEPTHS. IF CLEARANCE > 6" BUT < 18" OF PROP DRAIN, INSTALL PAD PER NOTE 15 ON SD SHEETS. IF WITHIN 6", ADJUST PER SPWSD DETAILS. COORDINATE WITH SPWSD.
- 16 POTHOLE TO VERIFY PRIVATE PWR LINE DEPTH. IF CLEARANCE > 6" BUT < 18" OF PROP DRAIN, INSTALL PAD PER NOTE 15 ON SD SHEETS. IF WITHIN 6", ADJUST LINE.
- 17 POTHOLE TO VERIFY GAS/POWER/COM LINE DEPTHS. NOTIFY PROJECT REP AND PSE IF CONFLICT EXISTS. GAS/POWER LINES WILL BE SLEEVED & ADJUSTED OR RELOCATED BY OTHERS. COORDINATE WITH UTILITY COMPANY.
- 18 ABANDONED UTILITY. PLUG AND CAP LINE.
- 19 REMOVE & DISPOSE LIGHTING. CUT & CAP ELECTRICAL CONDUITS.
- 20 NOT USED.
- 21 RELOCATE EXISTING UTILITY TO NEW LOCATION AS SHOWN.
- 22 NOT USED.
- 23 RELOCATE UTILITY LINE/STRUCTURE/VALVES AS SHOWN. COORDINATE SHUTDOWN WITH SPWSD. SEE SPECIAL PROVISIONS.
- 24 REMOVE AND DISPOSE PRIVATE POWER CONDUITS. CUT & CAP ENDS OF CONDUITS.

CITY OF SAMMAMISH APPROVAL	
PLANNING DEPT. APPROVAL Date <u>06/10/2021</u> Community Dev.	CITY OF SAMMAMISH PUBLIC WORKS DEVELOPMENT REVIEW These drawings have been reviewed for compliance with City of Sammamish Codes 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. C-17-0021, LCJ and King County vs. City of Sammamish No. 17-2-99222-7 SEA and have been deemed ACCEPTABLE. The reviewer accepts no responsibility for any errors and omissions made by the preparer of these drawings. 10 June 2021

1. SEE SHEET G2 FOR ABBREVIATIONS & SHEET INDEX, G4 FOR LEGEND.	4. SEE SHEETS DD1-DD3 FOR DRAINAGE DETAILS.	8. COORDINATE WITH PSE FOR TEMPORARY DE-ENERGIZATION FOR THE OVERHEAD LINE DURING CONSTRUCTION OF SOLDIER PILE WALL.
2. EXISTING UTILITIES ARE APPROXIMATE, BASED ON SURVEY & RECORD DRAWINGS. CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTH BY POTHOLING AS AUTHORIZED BY THE ENGINEER.	5. SEE SHEETS CS1-CS2 FOR TYPICAL TRAIL CROSS SECTIONS AND SLOPE DIRECTION.	
	6. UNLESS SPECIFIED IN PLANS, SIZE & DEPTH OF UTILITY LINES ARE UNKNOWN.	
3. SEE APPENDIX D OF SPECIAL PROVISIONS FOR SPWSD DETAILS.	7. SEE SHEET UT1 FOR DRAINAGE STRUCTURES SCHEDULE.	

PLOTTED BY: taumic DATE: Tuesday, February 9, 2021 10:01:03 AM
PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svc\CADD\Phase 19\T03 Civil\Draw-Phase\1
LAYOUT: UT3



UTILITY CONSTRUCTION NOTES:

1. PROTECT EXISTING UTILITY.
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19. REMOVE & DISPOSE LIGHTING. CUT & CAP ELECTRICAL CONDUITS.
20. NOT USED.
21. RELOCATE EXISTING UTILITY TO NEW LOCATION AS SHOWN.
22. NOT USED.
23. RELOCATE UTILITY LINE/STRUCTURE/VALVES AS SHOWN. COORDINATE SHUTDOWN WITH SPWSD. SEE SPECIAL PROVISIONS.
24. REMOVE AND DISPOSE PRIVATE POWER CONDUITS. CUT & CAP ENDS OF CONDUITS.

STORMWATER CONSTRUCTION NOTES:

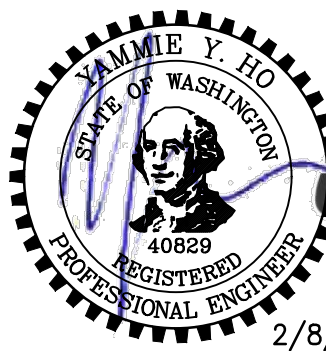
1. INFILTRATION TRENCH, SEE DETAIL 4 ON SHEET DD1.
2. INSTALL UNDERDRAIN TRENCH AND CLEANOUTS, SEE SD SHEETS PROFILES, SEE SHEET DD1 FOR DETAILS.
3. ROCK PAD, SEE DETAIL 2 ON SHEET DD1.
4. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
5. INSTALL STORM DRAINS, CATCH BASINS, AND CULVERTS. SEE SD SHEETS FOR PROFILES.
6. NOT USED.
7. CONCRETE HEADWALL AND SLEEVE, SEE DETAIL 1 ON SHEET DD1.
8. CHANNEL DRAIN, SEE DETAIL 4 ON SHEET DD3.
9. OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
10. NOT USED.
11. PLUG EXISTING PIPE.
12. REMOVE DRAINAGE STRUCTURE/MANHOLE.
13. REMOVE AND DISPOSE CULVERT/STORM PIPE.
14. NOT USED.
15. DITCH EXCAVATION AND CONSTRUCTION, SEE DETAILS ON SHEET DD3.

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

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4. SEE SHEETS DD1-DD3 FOR DRAINAGE DETAILS.
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8. COORDINATE WITH PSE FOR TEMPORARY DE-ENERGIZATION FOR THE OVERHEAD LINE DURING CONSTRUCTION OF SOLDIER PILE WALL.

CONFORMED DRAWING



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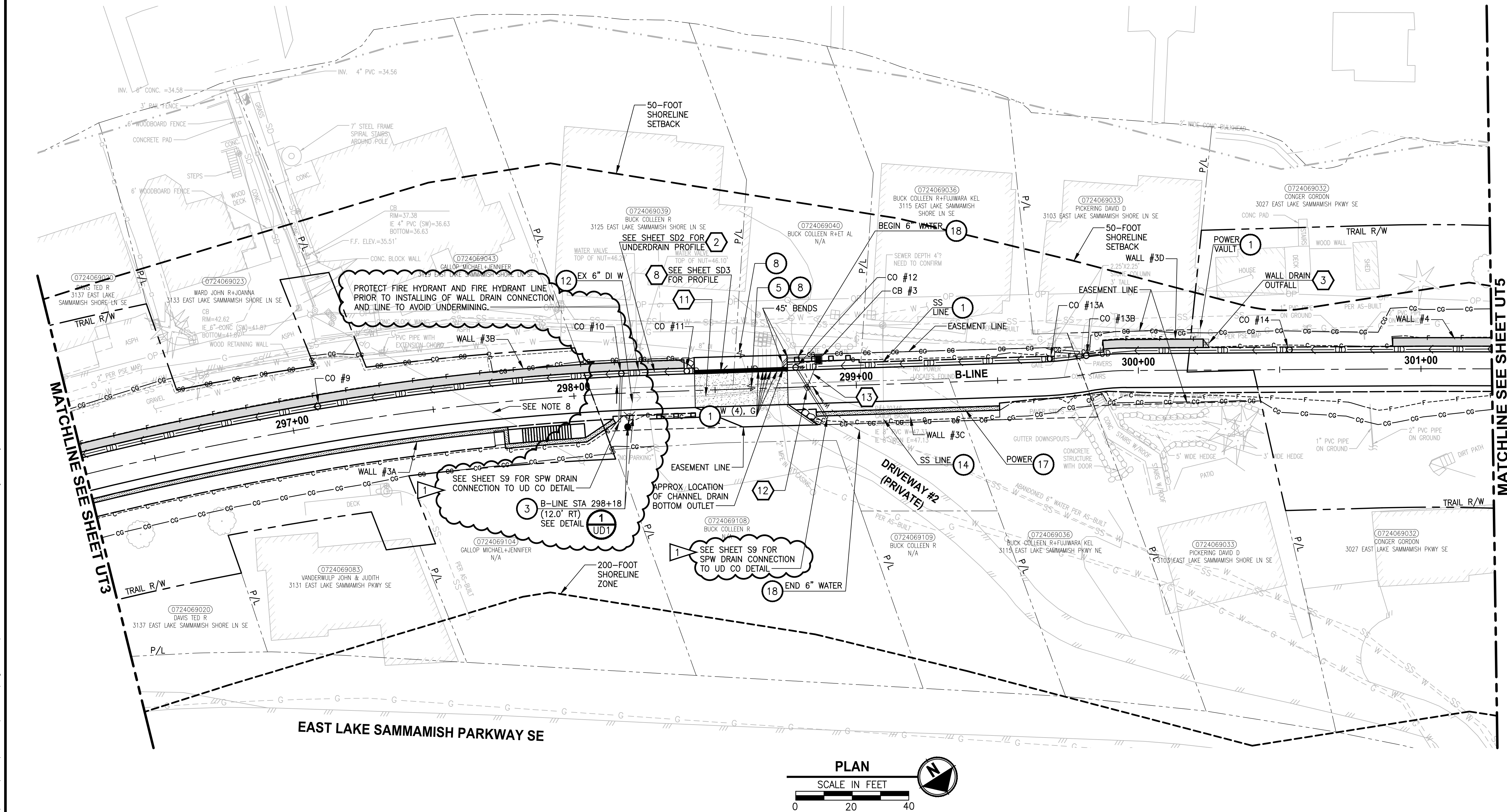
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 1**
SAMMAMISH, WA

UTILITY AND DRAINAGE PLAN

SHEET NO.
69 OF 190

UT3

PLOTTED BY: taumic DATE: Tuesday, February 9, 2021 10:01:08 AM
PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Sves\CADD\Phase 19\T03 Civil\Draw-Phase\1
LAYOUT: UT4



UTILITY CONSTRUCTION NOTES:

1. PROTECT EXISTING UTILITY.
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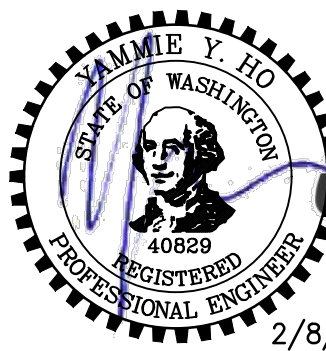
STORMWATER CONSTRUCTION NOTES:

1. INFILTRATION TRENCH, SEE DETAIL 4 ON SHEET DD1.
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9. OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
10. NOT USED.
11. PLUG EXISTING PIPE.
12. REMOVE DRAINAGE STRUCTURE/MANHOLE.
13. REMOVE AND DISPOSE CULVERT/STORM PIPE.
14. NOT USED.
15. DITCH EXCAVATION AND CONSTRUCTION, SEE DETAILS ON SHEET DD3.

GENERAL NOTES:

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CONFORMED DRAWING



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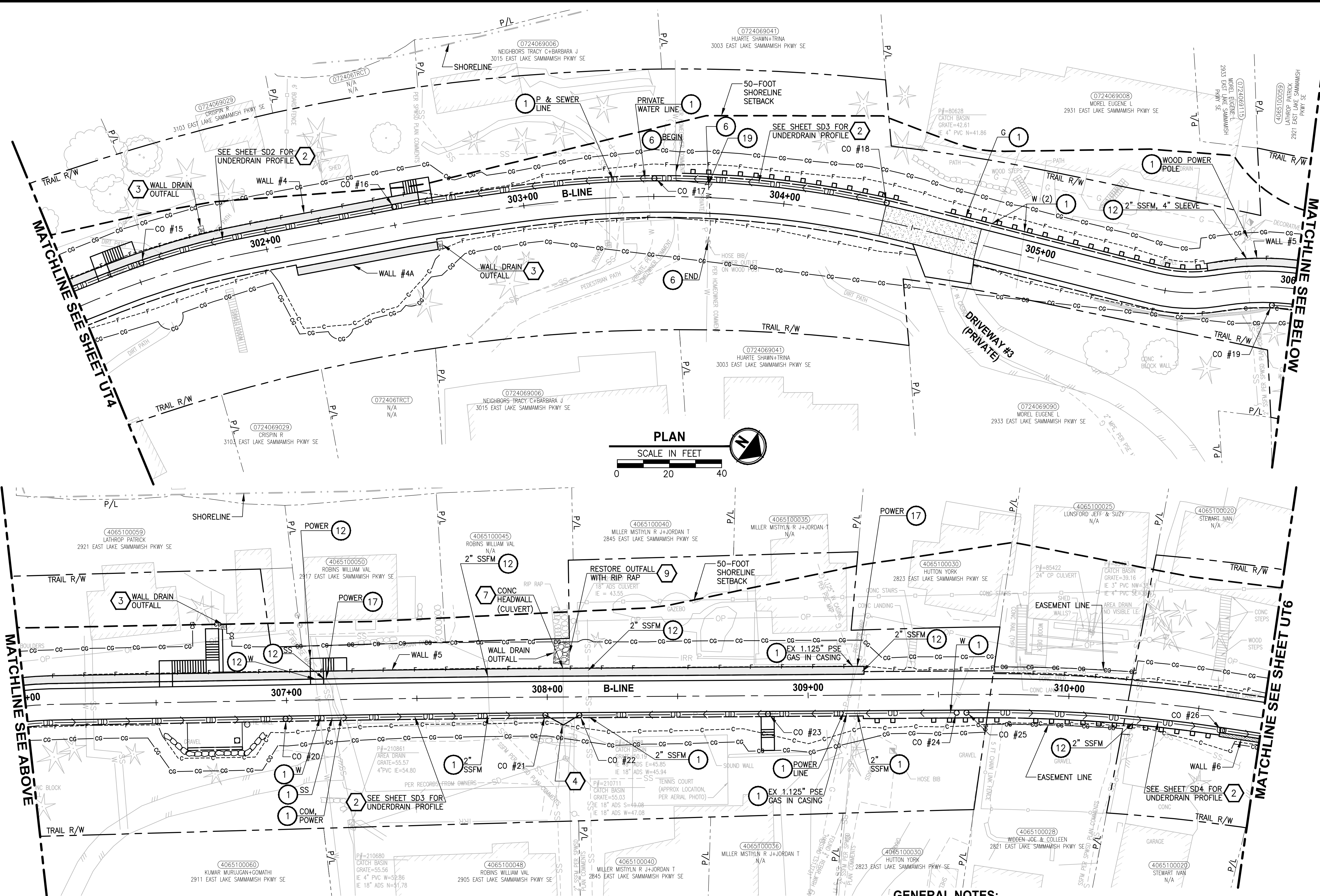
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 1**
SAMMAMISH, WA

UTILITY AND DRAINAGE PLAN

SHEET NO.
70 OF 190

UT4

PATH: U:\PSO\Projects\Clients\1521-075-ELST\995ves\CADD\Phase 19\T03 Civil\Draw-Phase\ PLOTTED BY: purgubut DATE: Friday, November 13, 2020 9:28:33 AM LAYOUT: UT5



GENERAL NOTES:

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UTILITY CONSTRUCTION NOTES:

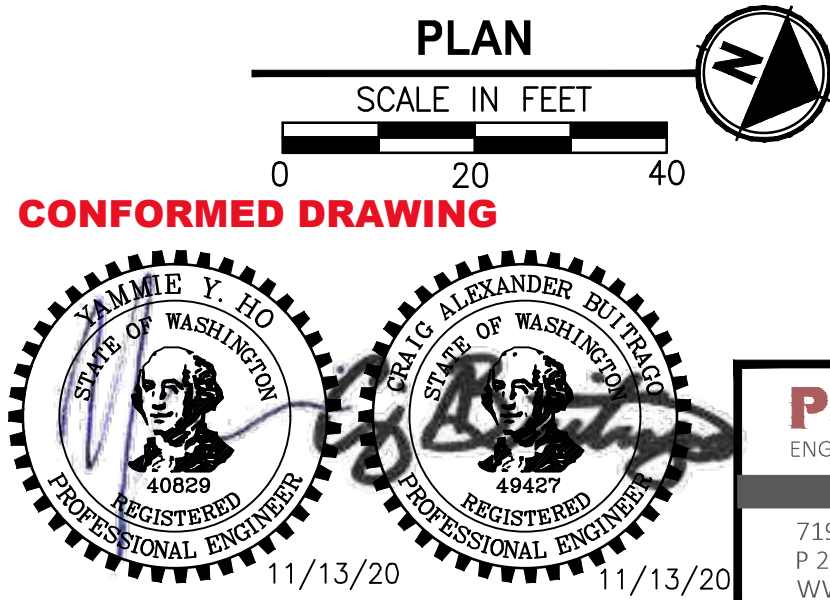
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- CHANNEL DRAIN, SEE DETAIL 4 ON SHEET DD3.
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CITY OF SAMMAMISH APPROVAL

PLANNING DEPT. APPROVAL	CITY OF SAMMAMISH PUBLIC WORKS DEVELOPMENT REVIEW
BY: Abaty	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. 17-2-29922-7 SEA and have been deemed ACCEPTABLE. The reviewer accepts no responsibility for any errors and/or omissions made by the preparer of these drawings.
DATE: 06/10/2021	10 June 2021
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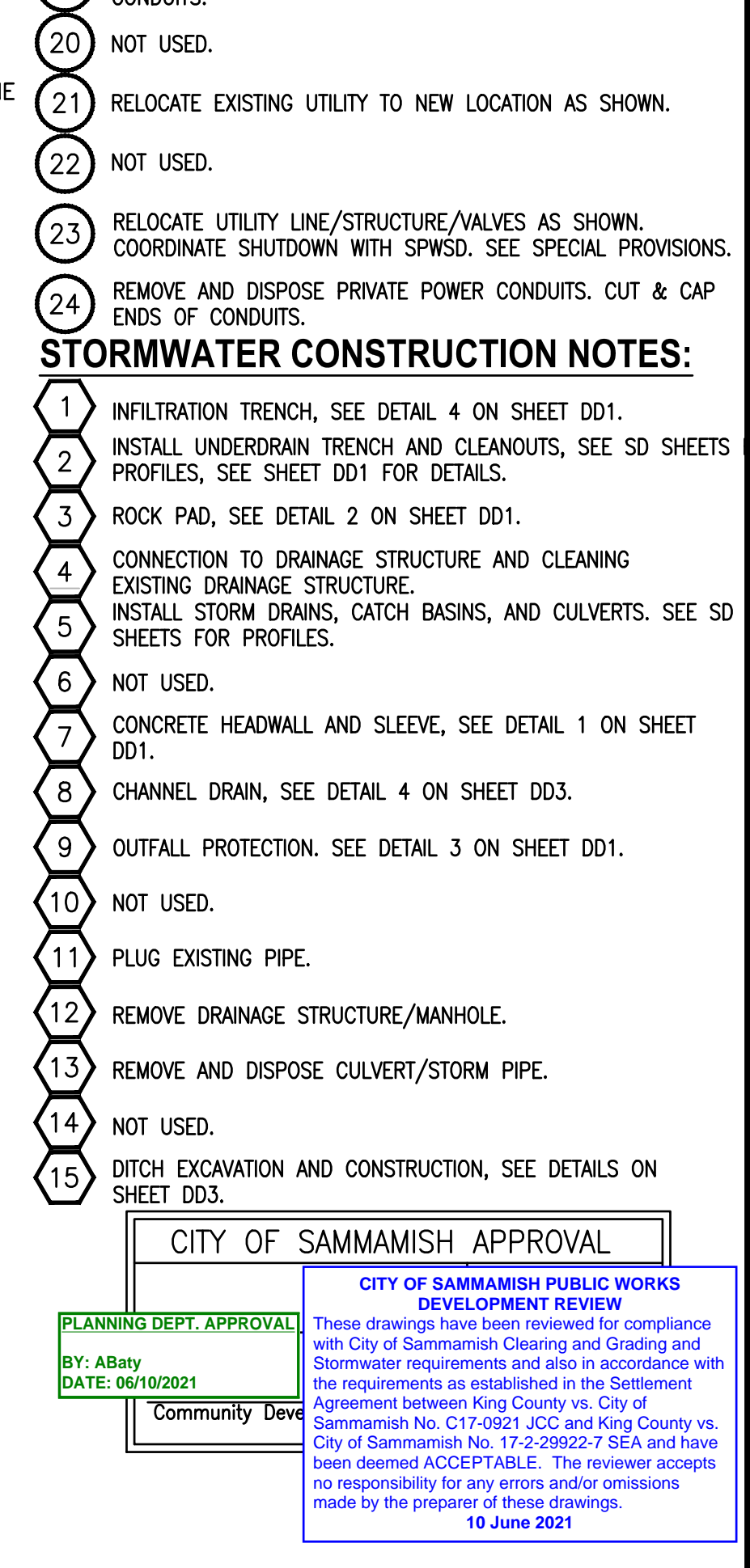
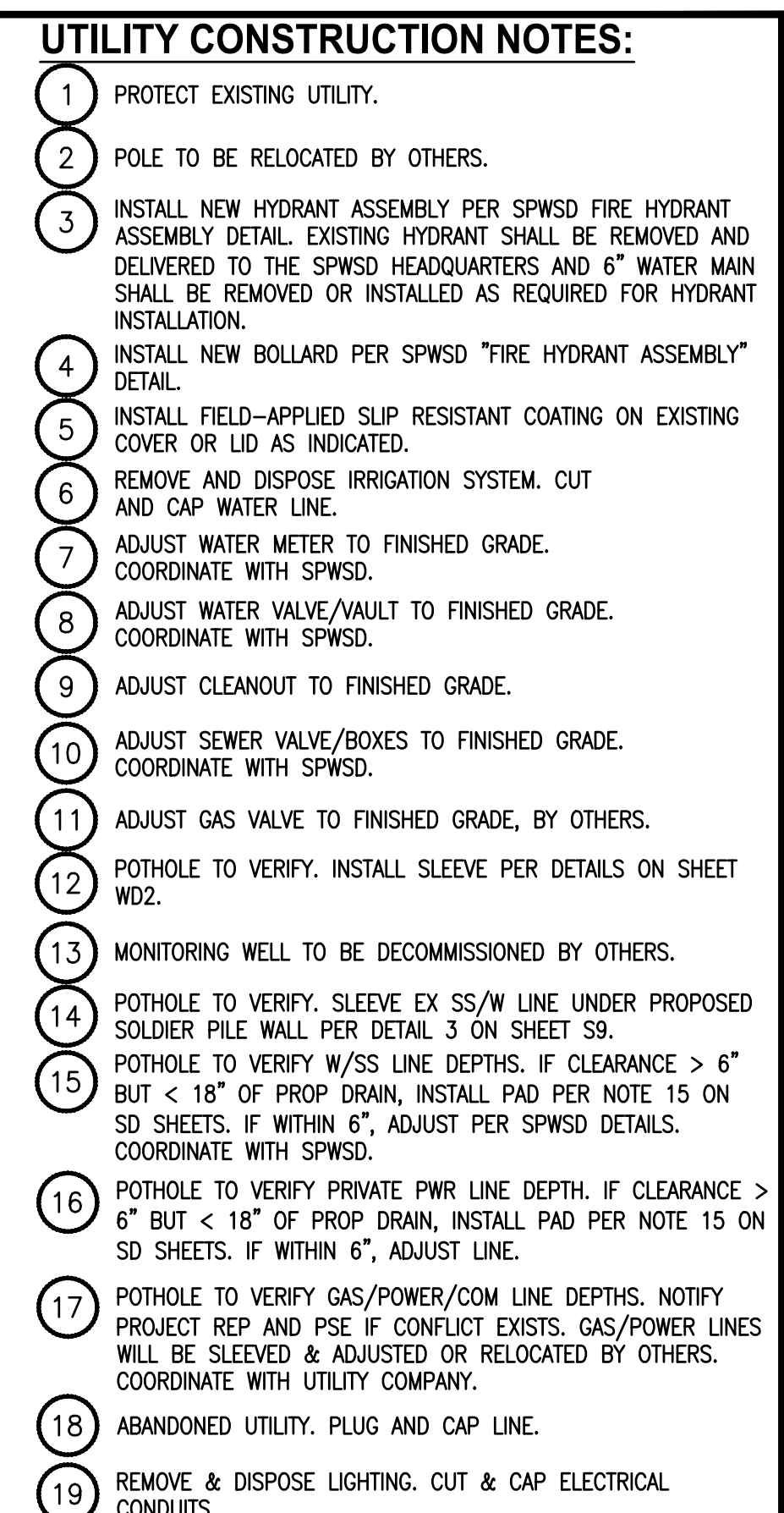
PROJECT NAME

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

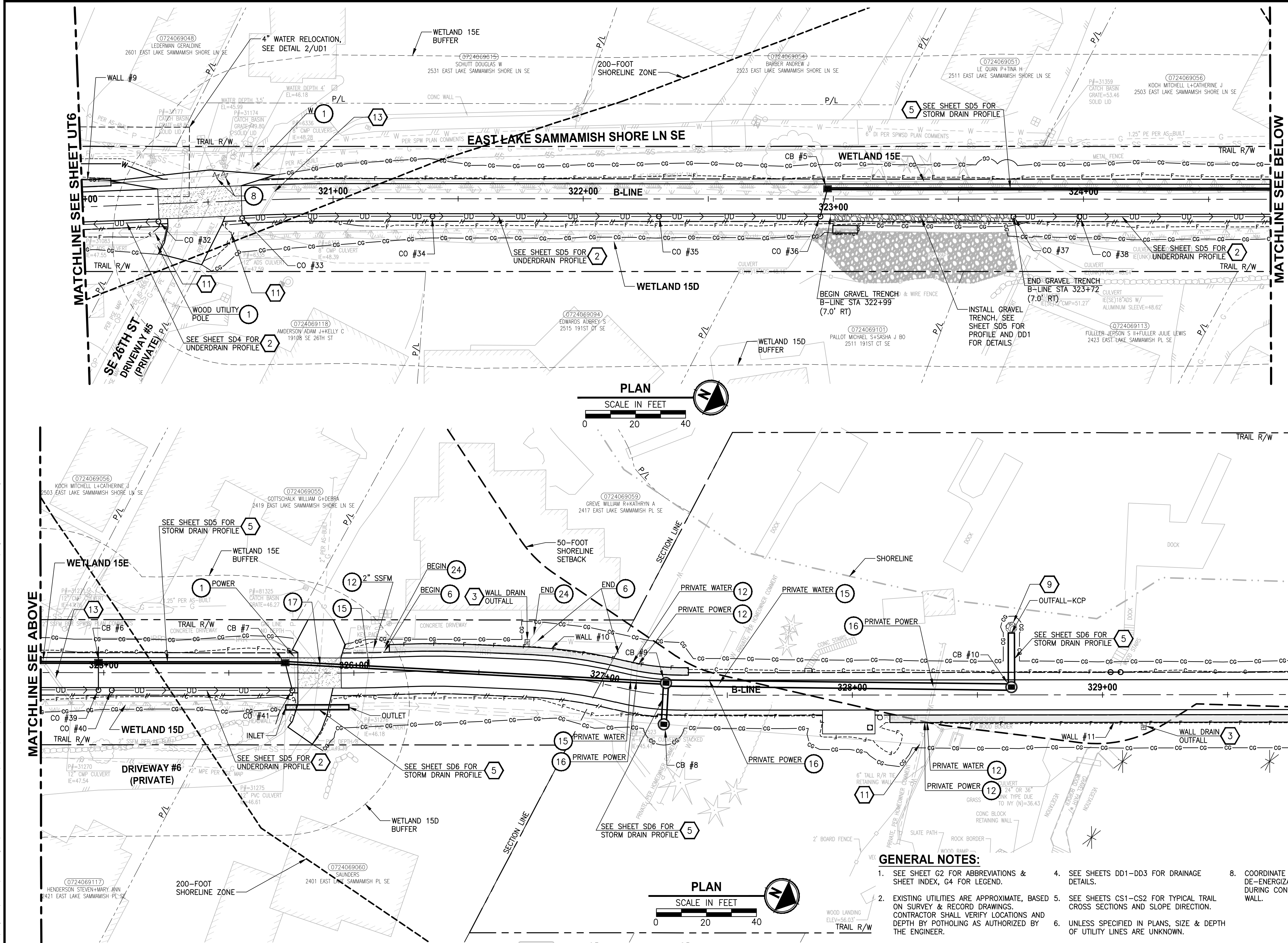
UTILITY AND DRAINAGE PLAN

SHEET NO.
71 OF 190

UT5



PATH: U:\P50\Projects\Clients\1521-KingCo\584-1521-075-ELST\995ves\CADD\Phase 19\T03_Civil\DWG-Phase\1
LAYOUT: UT7
PLOTTED BY: purgubut DATE: Friday, November 13, 2020 9:28:10 AM



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11. PLUG EXISTING PIPE.
12. REMOVE DRAINAGE STRUCTURE/MANHOLE.
13. REMOVE AND DISPOSE CULVERT/STORM PIPE.
14. NOT USED.
15. DITCH EXCAVATION AND CONSTRUCTION, SEE DETAILS ON SHEET DD3.

GENERAL NOTES:

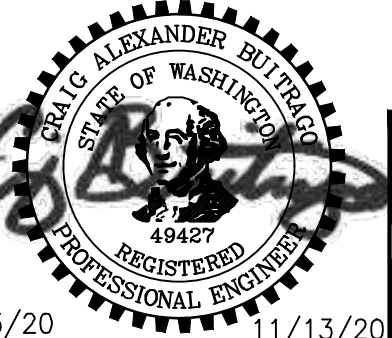
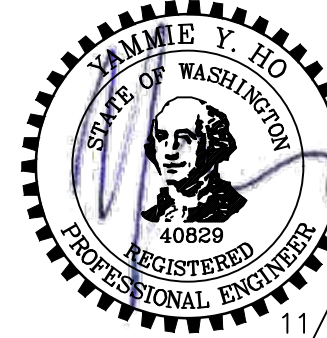
1. SEE SHEET G2 FOR ABBREVIATIONS & SHEET INDEX, G4 FOR LEGEND.
2. EXISTING UTILITIES ARE APPROXIMATE, BASED ON SURVEY & RECORD DRAWINGS. CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTH BY POT HOLE AS AUTHORIZED BY THE ENGINEER.
3. SEE APPENDIX D OF SPECIAL PROVISIONS FOR SPWSD DETAILS.
4. SEE SHEETS DD1-DD3 FOR DRAINAGE DETAILS.
5. SEE SHEETS CS1-CS2 FOR TYPICAL TRAIL CROSS SECTIONS AND SLOPE DIRECTION.
6. UNLESS SPECIFIED IN PLANS, SIZE & DEPTH OF UTILITY LINES ARE UNKNOWN.
7. SEE SHEET UT1 FOR DRAINAGE STRUCTURES SCHEDULE.
8. COORDINATE WITH PSE FOR TEMPORARY DE-ENERGIZATION FOR THE OVERHEAD LINE DURING CONSTRUCTION OF SOLDIER PILE WALL.

CITY OF SAMMAMISH APPROVAL	
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. 17-2-0922-27 SEA and have been deemed ACCEPTABLE. The reviewer accepts no responsibility for any errors and/or omissions made by the preparer of these drawings.	
DATE: 06/10/2021	
Community Development	

CONFORMED DRAWING

REVISIONS	DATE	BY	DESIGNED
			C. BUIRAGO/C. SHARMA
			DRAWN
			B. PURGANAN
			CHECKED
			Y. HO/ J. COOP
			APPROVED
			J. BAILEY

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY.
FILE NAME
BL1521075P19T03UT-01
JOB No.
584-1521-075 P19 T03
DATE
NOVEMBER 2020

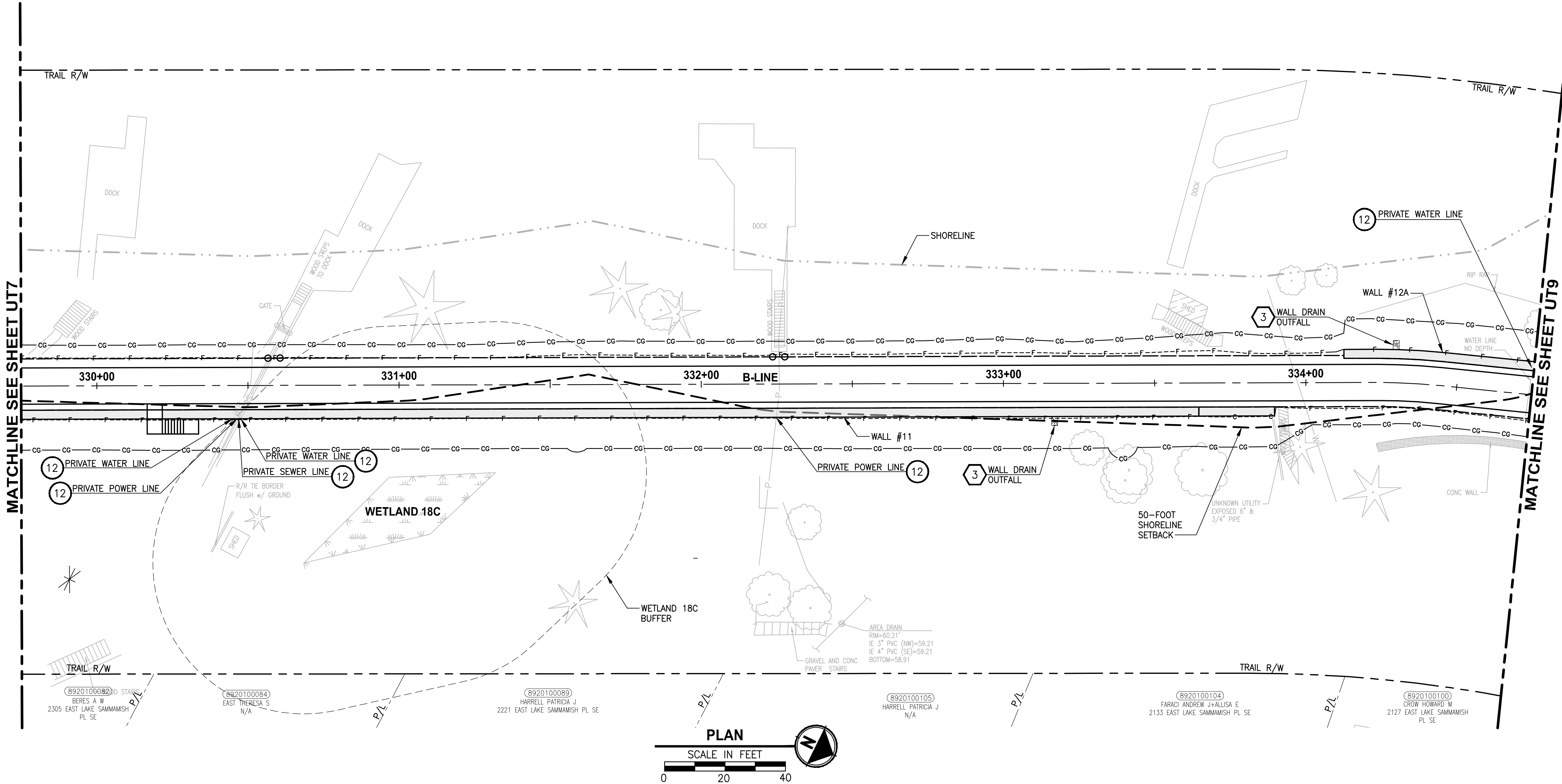


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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 1**
SAMMAMISH, WA

UTILITY AND DRAINAGE PLAN
UT7
SHEET NO.
73 OF 190

U:\PSO\Projects\Clients\1521-KingCo\584-1521-075-ELST\995\cs\CADD\Phase 19\T03_Civil\Draw-Phase\ PLOTTED BY: purgbut DATE: Friday, November 13, 2020 9:30:50 AM LAYOUT: UT8



UTILITY CONSTRUCTION NOTES:

1. PROTECT EXISTING UTILITY.
2. POLE TO BE RELOCATED BY OTHERS.
3. INSTALL NEW HYDRANT ASSEMBLY PER SPWSD FIRE HYDRANT ASSEMBLY DETAIL. EXISTING HYDRANT SHALL BE REMOVED AND DELIVERED TO THE SPWSD HEADQUARTERS AND 6" WATER MAIN SHALL BE REMOVED OR INSTALLED AS REQUIRED FOR HYDRANT INSTALLATION.
4. INSTALL NEW BOLLARD PER SPWSD "FIRE HYDRANT ASSEMBLY" DETAIL.
5. INSTALL FIELD-APPLIED SLIP RESISTANT COATING ON EXISTING COVER OR LID AS INDICATED.
6. REMOVE AND DISPOSE IRRIGATION SYSTEM. CUT AND CAP WATER LINE.
7. ADJUST WATER METER TO FINISHED GRADE. COORDINATE WITH SPWSD.
8. ADJUST WATER VALVE/VAULT TO FINISHED GRADE. COORDINATE WITH SPWSD.
9. ADJUST CLEANOUT TO FINISHED GRADE.
10. ADJUST SEWER VALVE/BOXES TO FINISHED GRADE. COORDINATE WITH SPWSD.
11. ADJUST GAS VALVE TO FINISHED GRADE, BY OTHERS.
12. POTHOLE TO VERIFY. INSTALL SLEEVE PER DETAILS ON SHEET WD2.
13. MONITORING WELL TO BE DECOMMISSIONED BY OTHERS.
14. POTHOLE TO VERIFY. SLEEVE EX SS/W LINE UNDER PROPOSED SOLDIER PILE WALL PER DETAIL 3 ON SHEET S9.
15. POTHOLE TO VERIFY W/SS LINE DEPTHS. IF CLEARANCE > 6" BUT < 18" OF PROP DRAIN, INSTALL PAD PER NOTE 15 ON SD SHEETS. IF WITHIN 6", ADJUST PER SPWSD DETAILS. COORDINATE WITH SPWSD.
16. POTHOLE TO VERIFY PRIVATE PWR LINE DEPTH. IF CLEARANCE > 6" BUT < 18" OF PROP DRAIN, INSTALL PAD PER NOTE 15 ON SD SHEETS. IF WITHIN 6", ADJUST LINE.
17. POTHOLE TO VERIFY GAS/POWER/COM LINE DEPTHS. NOTIFY PROJECT REP AND PSE IF CONFLICT EXISTS. GAS/POWER LINES WILL BE SLEEVED & ADJUSTED OR RELOCATED BY OTHERS. COORDINATE WITH UTILITY COMPANY.
18. ABANDONED UTILITY. PLUG AND CAP LINE.
19. REMOVE & DISPOSE LIGHTING. CUT & CAP ELECTRICAL CONDUITS.
20. NOT USED.
21. RELOCATE EXISTING UTILITY TO NEW LOCATION AS SHOWN.
22. NOT USED.
23. RELOCATE UTILITY LINE/STRUCTURE/VALVES AS SHOWN. COORDINATE SHUTDOWN WITH SPWSD. SEE SPECIAL PROVISIONS.
24. REMOVE AND DISPOSE PRIVATE POWER CONDUITS. CUT & CAP ENDS OF CONDUITS.

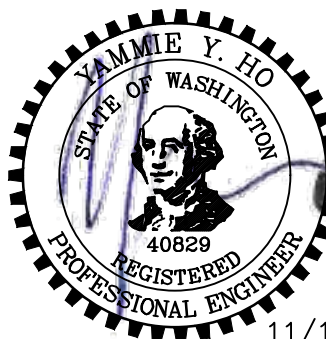
STORMWATER CONSTRUCTION NOTES:

1. INFILTRATION TRENCH, SEE DETAIL 4 ON SHEET DD1.
2. INSTALL UNDERDRAIN TRENCH AND CLEANOUTS, SEE SD SHEETS PROFILES, SEE SHEET DD1 FOR DETAILS.
3. ROCK PAD, SEE DETAIL 2 ON SHEET DD1.
4. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
5. INSTALL STORM DRAINS, CATCH BASINS, AND CULVERTS. SEE SD SHEETS FOR PROFILES.
6. NOT USED.
7. CONCRETE HEADWALL AND SLEEVE, SEE DETAIL 1 ON SHEET DD1.
8. CHANNEL DRAIN, SEE DETAIL 4 ON SHEET DD3.
9. OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
10. NOT USED.
11. PLUG EXISTING PIPE.
12. REMOVE DRAINAGE STRUCTURE/MANHOLE.
13. REMOVE AND DISPOSE CULVERT/STORM PIPE.
14. NOT USED.
15. DITCH EXCAVATION AND CONSTRUCTION, SEE DETAILS ON SHEET DD3.

GENERAL NOTES:

1. SEE SHEET G2 FOR ABBREVIATIONS & SHEET INDEX, G4 FOR LEGEND.
2. EXISTING UTILITIES ARE APPROXIMATE, BASED ON SURVEY & RECORD DRAWINGS. CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTH BY POT-HOLING AS AUTHORIZED BY THE ENGINEER.
3. SEE APPENDIX D OF SPECIAL PROVISIONS FOR SPWSD DETAILS.
4. SEE SHEETS DD1-DD3 FOR DRAINAGE DETAILS.
5. SEE SHEETS CS1-CS2 FOR TYPICAL TRAIL CROSS SECTIONS AND SLOPE DIRECTION.
6. UNLESS SPECIFIED IN PLANS, SIZE & DEPTH OF UTILITY LINES ARE UNKNOWN.
7. SEE SHEET UT1 FOR DRAINAGE STRUCTURES SCHEDULE.
8. COORDINATE WITH PSE FOR TEMPORARY DE-ENERGIZATION FOR THE OVERHEAD LINE DURING CONSTRUCTION OF SOLDIER PILE WALL.

CONFORMED DRAWING



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

UTILITY AND DRAINAGE PLAN

SHEET NO.
74 OF 190

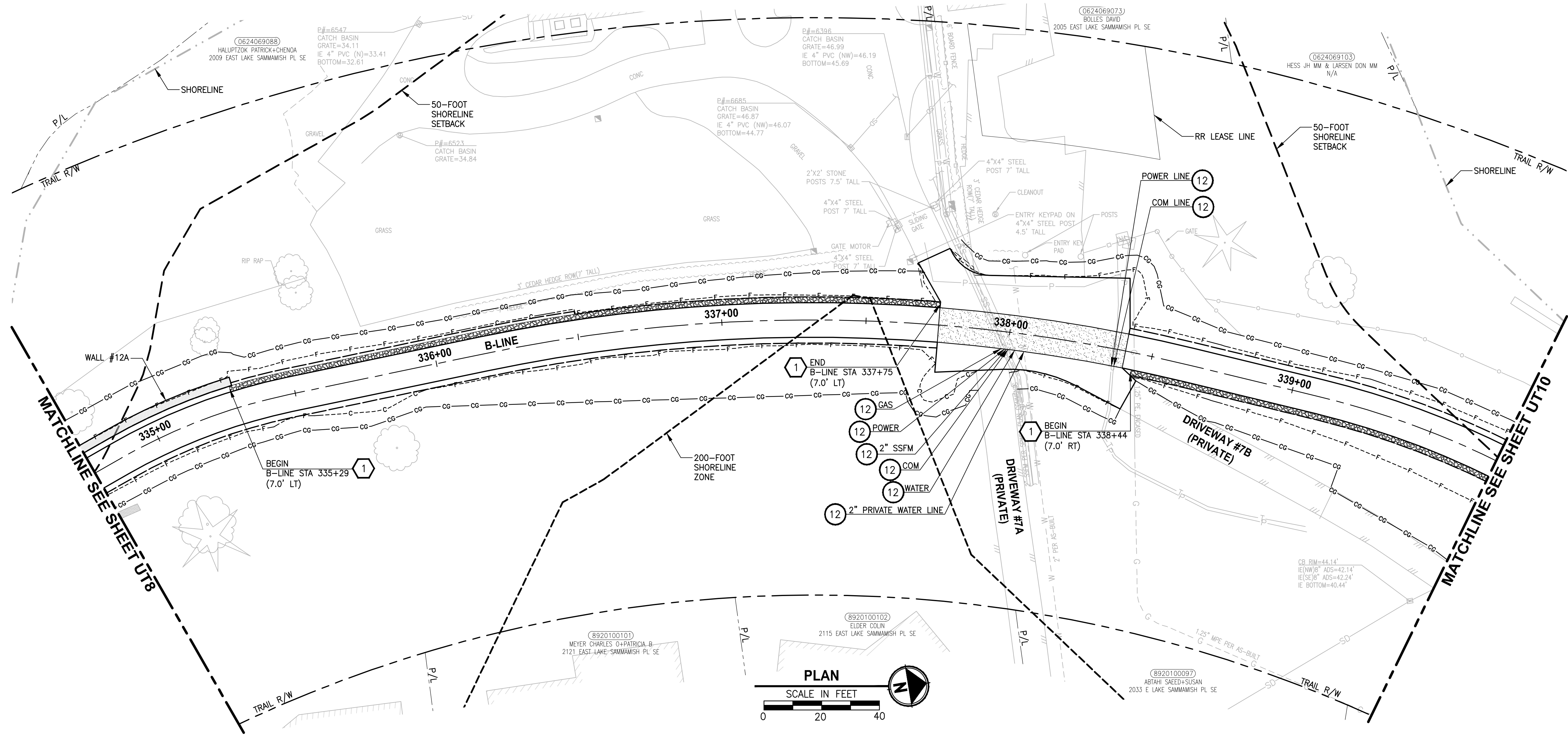
UT8

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME
BL1521075P19T03UT-02
JOB No.
584-1521-075 P19 T03
DATE
NOVEMBER 2020

DESIGNED
C. BUI TRAGO/C. SHARMA
DRAWN
B. PURGANAN
CHECKED
Y. HO/ J. COOP
APPROVED
J. BAILEY

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

PATH: U:\PSO\Projects\Clients\1521-KingCo\584-1521-075-ELST\995ves\CADD\Phase 19\T03 Civil\DWG-Phase\ PLOTTED BY: purgbut DATE: Friday, November 13, 2020 9:31:03 AM LAYOUT: UT9



UTILITY CONSTRUCTION NOTES:

1. PROTECT EXISTING UTILITY.
2. POLE TO BE RELOCATED BY OTHERS.
3. INSTALL NEW HYDRANT ASSEMBLY PER SPWSD FIRE HYDRANT ASSEMBLY DETAIL. EXISTING HYDRANT SHALL BE REMOVED AND DELIVERED TO THE SPWSD HEADQUARTERS AND 6" WATER MAIN SHALL BE REMOVED OR INSTALLED AS REQUIRED FOR HYDRANT INSTALLATION.
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5. INSTALL FIELD-APPLIED SLIP RESISTANT COATING ON EXISTING COVER OR LID AS INDICATED.
6. REMOVE AND DISPOSE IRRIGATION SYSTEM. CUT AND CAP WATER LINE.
7. ADJUST WATER METER TO FINISHED GRADE. COORDINATE WITH SPWSD.
8. ADJUST WATER VALVE/VAULT TO FINISHED GRADE. COORDINATE WITH SPWSD.
9. ADJUST CLEANOUT TO FINISHED GRADE.
10. ADJUST SEWER VALVE/BOXES TO FINISHED GRADE. COORDINATE WITH SPWSD.
11. ADJUST GAS VALVE TO FINISHED GRADE, BY OTHERS.
12. POTHOLE TO VERIFY. INSTALL SLEEVE PER DETAILS ON SHEET WD2.
13. MONITORING WELL TO BE DECOMMISSIONED BY OTHERS.
14. POTHOLE TO VERIFY. SLEEVE EX SS/W LINE UNDER PROPOSED SOLDIER PILE WALL PER DETAIL 3 ON SHEET S9.
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18. ABANDONED UTILITY. PLUG AND CAP LINE.
19. REMOVE & DISPOSE LIGHTING. CUT & CAP ELECTRICAL CONDUITS.
20. NOT USED.
21. RELOCATE EXISTING UTILITY TO NEW LOCATION AS SHOWN.
22. NOT USED.
23. RELOCATE UTILITY LINE/STRUCTURE/VALVES AS SHOWN. COORDINATE SHUTDOWN WITH SPWSD. SEE SPECIAL PROVISIONS.
24. REMOVE AND DISPOSE PRIVATE POWER CONDUITS. CUT & CAP ENDS OF CONDUITS.

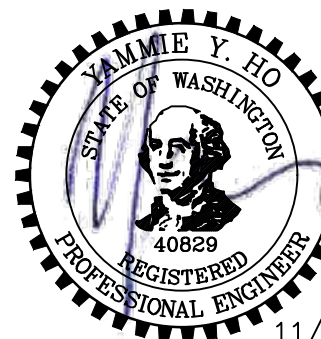
STORMWATER CONSTRUCTION NOTES:

1. INFILTRATION TRENCH, SEE DETAIL 4 ON SHEET DD1.
2. INSTALL UNDERDRAIN TRENCH AND CLEANOUTS, SEE SD SHEETS PROFILES, SEE SHEET DD1 FOR DETAILS.
3. ROCK PAD, SEE DETAIL 2 ON SHEET DD1.
4. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
5. INSTALL STORM DRAINS, CATCH BASINS, AND CULVERTS. SEE SD SHEETS FOR PROFILES.
6. NOT USED.
7. CONCRETE HEADWALL AND SLEEVE, SEE DETAIL 1 ON SHEET DD1.
8. CHANNEL DRAIN, SEE DETAIL 4 ON SHEET DD3.
9. OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
10. NOT USED.
11. PLUG EXISTING PIPE.
12. REMOVE DRAINAGE STRUCTURE/MANHOLE.
13. REMOVE AND DISPOSE CULVERT/STORM PIPE.
14. NOT USED.
15. DITCH EXCAVATION AND CONSTRUCTION, SEE DETAILS ON SHEET DD3.

GENERAL NOTES:

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CONFORMED DRAWING



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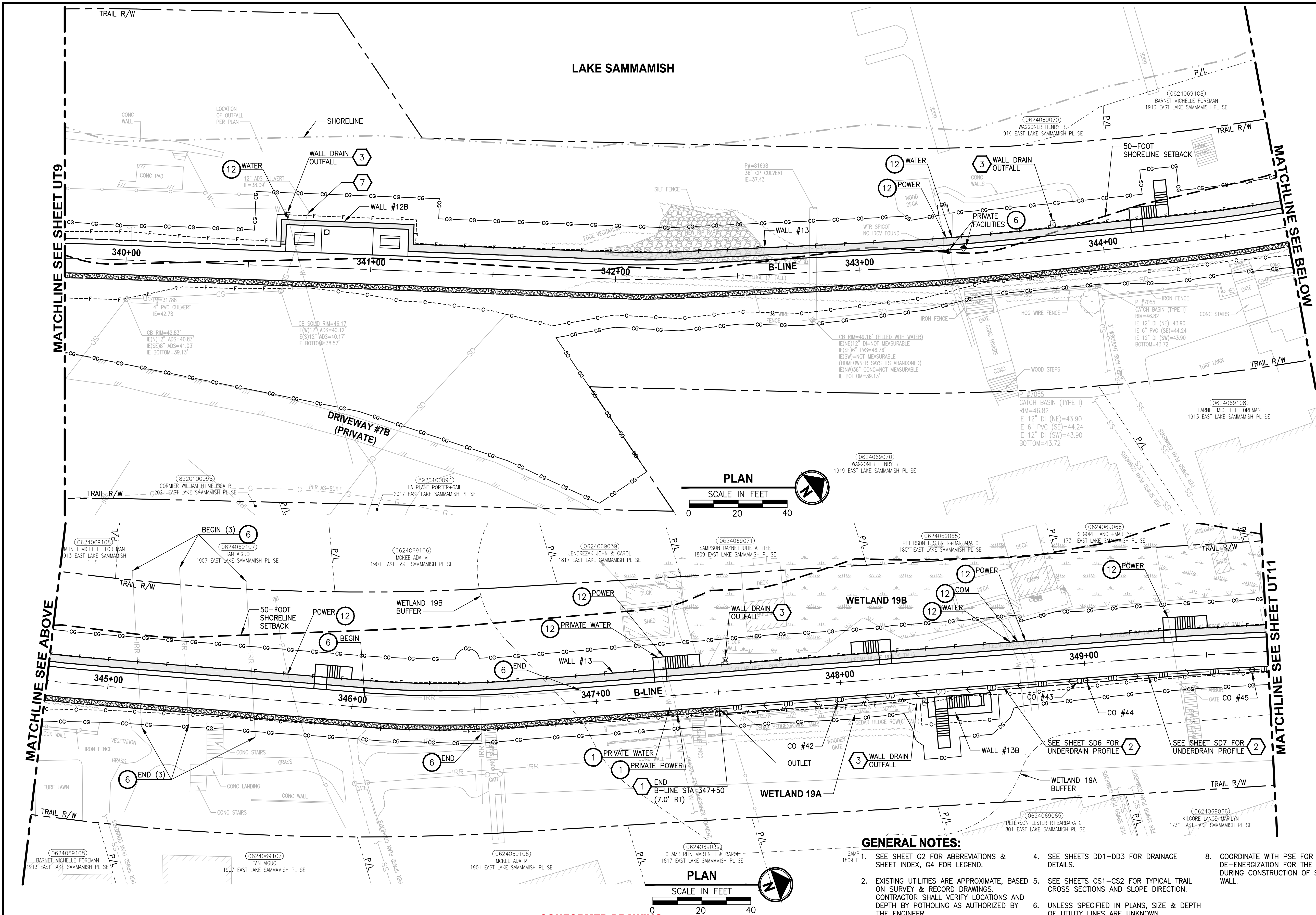
PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 1**
SAMMAMISH, WA

UTILITY AND DRAINAGE PLAN

SHEET NO.
75 OF 190

UT9

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



UTILITY CONSTRUCTION NOTES:

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9. ADJUST CLEANOUT TO FINISHED GRADE.
10. ADJUST SEWER VALVE/BOXES TO FINISHED GRADE. COORDINATE WITH SPWSD.
11. ADJUST GAS VALVE TO FINISHED GRADE, BY OTHERS.
12. POTHOLE TO VERIFY. INSTALL SLEEVE PER DETAILS ON SHEET WD2.
13. MONITORING WELL TO BE DECOMMISSIONED BY OTHERS.
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19. REMOVE & DISPOSE LIGHTING. CUT & CAP ELECTRICAL CONDUITS.
20. NOT USED.
21. RELOCATE EXISTING UTILITY TO NEW LOCATION AS SHOWN.
22. NOT USED.
23. RELOCATE UTILITY LINE/STRUCTURE/VALVES AS SHOWN. COORDINATE SHUTDOWN WITH SPWSD. SEE SPECIAL PROVISIONS.
24. REMOVE AND DISPOSE PRIVATE POWER CONDUITS. CUT & CAP ENDS OF CONDUITS.

STORMWATER CONSTRUCTION NOTES:

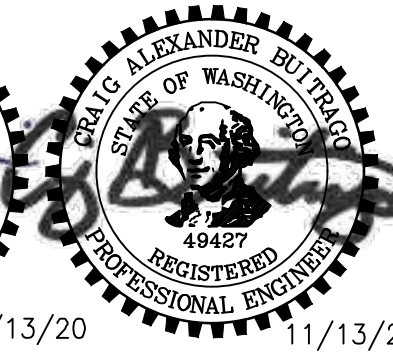
1. INFILTRATION TRENCH, SEE DETAIL 4 ON SHEET DD1.
2. INSTALL UNDERDRAIN TRENCH AND CLEANOUTS, SEE SD SHEETS PROFILES, SEE SHEET DD1 FOR DETAILS.
3. ROCK PAD, SEE DETAIL 2 ON SHEET DD1.
4. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
5. INSTALL STORM DRAINS, CATCH BASINS, AND CULVERTS. SEE SD SHEETS FOR PROFILES.
6. NOT USED.
7. CONCRETE HEADWALL AND SLEEVE, SEE DETAIL 1 ON SHEET DD1.
8. CHANNEL DRAIN, SEE DETAIL 4 ON SHEET DD3.
9. OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
10. NOT USED.
11. PLUG EXISTING PIPE.
12. REMOVE DRAINAGE STRUCTURE/MANHOLE.
13. REMOVE AND DISPOSE CULVERT/STORM PIPE.
14. NOT USED.
15. DITCH EXCAVATION AND CONSTRUCTION, SEE DETAILS ON SHEET DD3.

GENERAL NOTES:

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5. SEE SHEETS CS1-CS2 FOR TYPICAL TRAIL CROSS SECTIONS AND SLOPE DIRECTION.
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8. COORDINATE WITH PSE FOR TEMPORARY DE-ENERGIZATION FOR THE OVERHEAD LINE DURING CONSTRUCTION OF SOLDIER PILE WALL.

CITY OF SAMMAMISH APPROVAL	
PLANNING DEPT. APPROVAL	CITY OF SAMMAMISH PUBLIC WORKS DEVELOPMENT REVIEW
BY: Abaty	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.
DATE: 06/10/2021	10 June 2021
Community Dev	

CONFORMED DRAWING

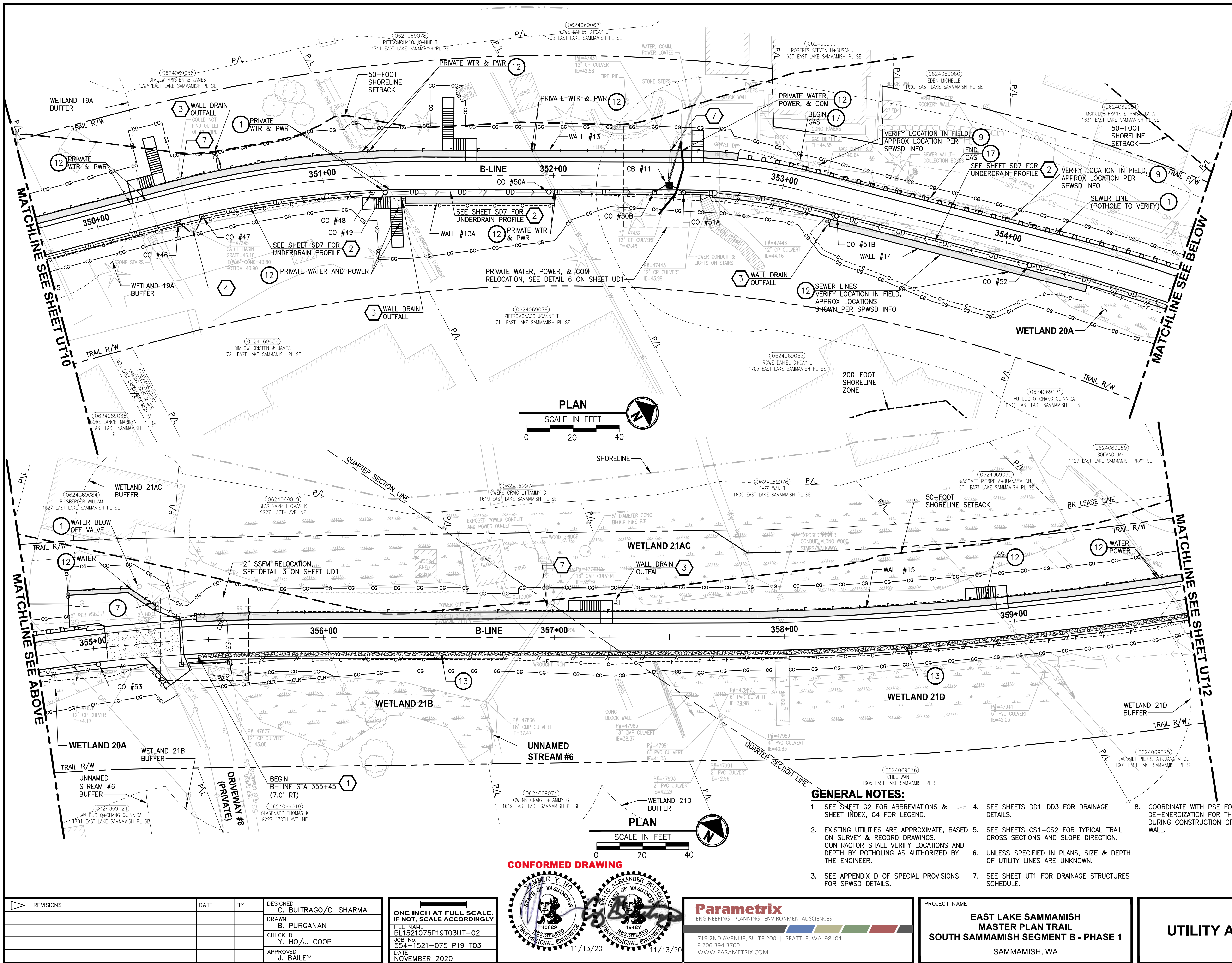


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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 1**
SAMMAMISH, WA

UTILITY AND DRAINAGE PLAN
UT10
SHEET NO.
76 OF 190

PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELST\995ves\CADD\Phase 19\T03 Civil\DWG-Phase1\ PLOTTED BY: purgubut DATE: Friday, November 13, 2020 9:31:56 AM LAYOUT: UT11



UTILITY CONSTRUCTION NOTES:

1. PROTECT EXISTING UTILITY.
2. POLE TO BE RELOCATED BY OTHERS.
3. INSTALL NEW HYDRANT ASSEMBLY PER SPWSD FIRE HYDRANT ASSEMBLY DETAIL. EXISTING HYDRANT SHALL BE REMOVED AND DELIVERED TO THE SPWSD HEADQUARTERS AND 6" WATER MAIN SHALL BE REMOVED OR INSTALLED AS REQUIRED FOR HYDRANT INSTALLATION.
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12. POT HOLE TO VERIFY. INSTALL SLEEVE PER DETAILS ON SHEET WD2.
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STORMWATER CONSTRUCTION NOTES:

1. INFILTRATION TRENCH, SEE DETAIL 4 ON SHEET DD1.
2. INSTALL UNDERDRAIN TRENCH AND CLEANOUTS, SEE SD SHEETS PROFILES, SEE SHEET DD1 FOR DETAILS.
3. ROCK PAD, SEE DETAIL 2 ON SHEET DD1.
4. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
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6. NOT USED.
7. CONCRETE HEADWALL AND SLEEVE, SEE DETAIL 1 ON SHEET DD1.
8. CHANNEL DRAIN, SEE DETAIL 4 ON SHEET DD3.
9. OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
10. NOT USED.
11. PLUG EXISTING PIPE.
12. REMOVE DRAINAGE STRUCTURE/MANHOLE.
13. REMOVE AND DISPOSE CULVERT/STORM PIPE.
14. NOT USED.
15. DITCH EXCAVATION AND CONSTRUCTION, SEE DETAILS ON SHEET DD3.

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. 17-2-29922-7 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

GENERAL NOTES:

1. SEE SHEET G2 FOR ABBREVIATIONS & SHEET INDEX, G4 FOR LEGEND.
2. EXISTING UTILITIES ARE APPROXIMATE, BASED ON SURVEY & RECORD DRAWINGS. CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTH BY POT HOLEING AS AUTHORIZED BY THE ENGINEER.
3. SEE APPENDIX D OF SPECIAL PROVISIONS FOR SPWSD DETAILS.
4. SEE SHEETS DD1-DD3 FOR DRAINAGE DETAILS.
5. SEE SHEETS CS1-CS2 FOR TYPICAL TRAIL CROSS SECTIONS AND SLOPE DIRECTION.
6. UNLESS SPECIFIED IN PLANS, SIZE & DEPTH OF UTILITY LINES ARE UNKNOWN.
7. SEE SHEET UT1 FOR DRAINAGE STRUCTURES SCHEDULE.
8. COORDINATE WITH PSE FOR TEMPORARY DE-ENERGIZATION FOR THE OVERHEAD LINE DURING CONSTRUCTION OF SOLDIER PILE WALL.

REVISIONS	DATE	BY	DESIGNED
			C. BUIRAGO/C. SHARMA
			DRAWN
			B. PURGANAN
			CHECKED
			Y. HO/J. COOP
			APPROVED
			J. BAILEY

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FILE NAME
BL1521075P19T03UT-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**

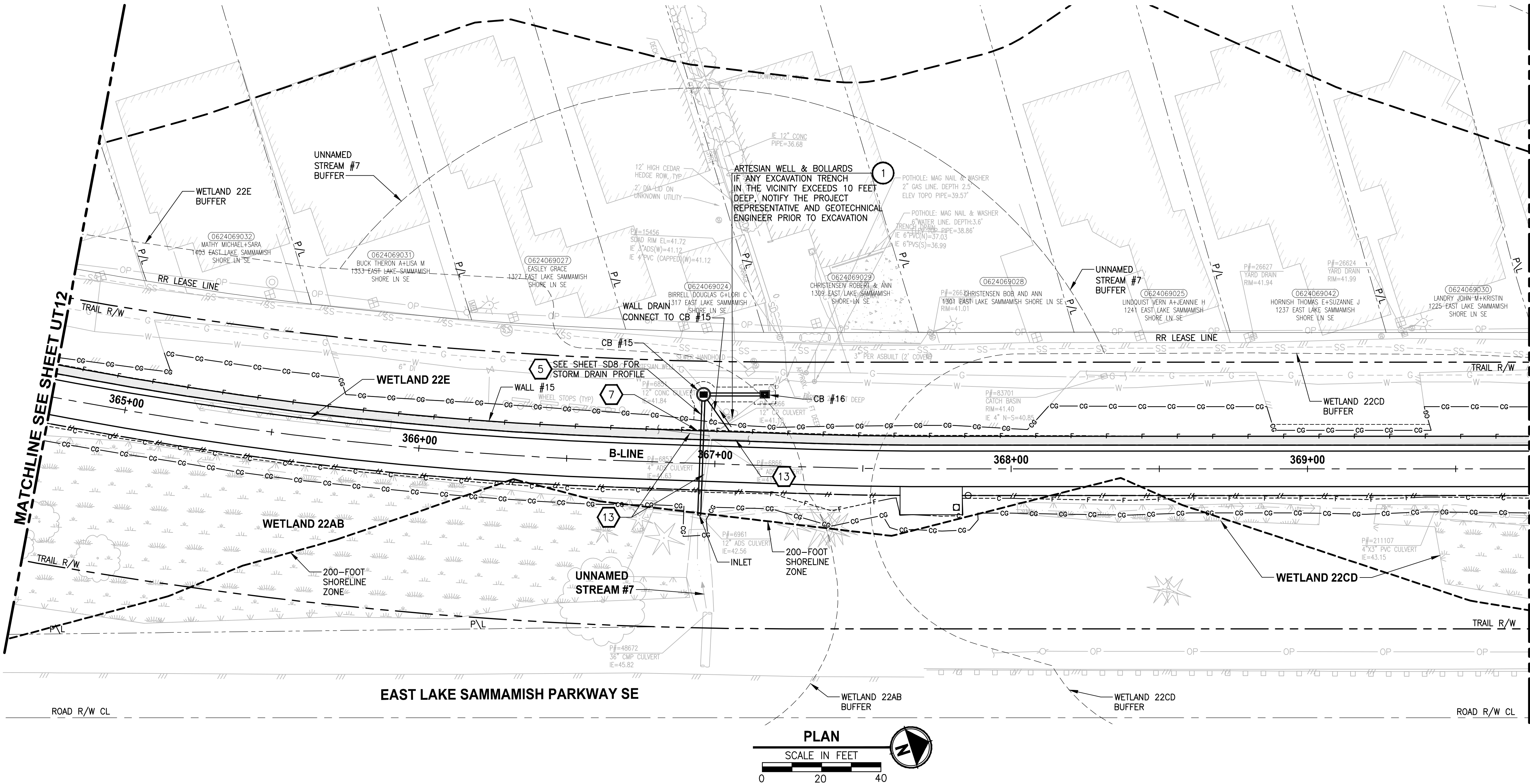
SAMMAMISH, WA

UTILITY AND DRAINAGE PLAN

SHEET NO.
77 OF 190

UT11

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995vcs\CADD\Phase 19\T03 Civil\Udg-Phase1\ PLOTTED BY: purgabout DATE: Friday, November 13, 2020 9:32:23 AM LAYOUT: UT13



GENERAL NOTES:

1. SEE SHEET G2 FOR ABBREVIATIONS & SHEET INDEX, G4 FOR LEGEND.

2. EXISTING UTILITIES ARE APPROXIMATE, BASED ON SURVEY & RECORD DRAWINGS. CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTH BY POT-HOLING AS AUTHORIZED BY THE ENGINEER.

3. SEE APPENDIX D OF SPECIAL PROVISIONS FOR SPWSD DETAILS.
4. SEE SHEETS DD1-DD3 FOR DRAINAGE DETAILS.

5. SEE SHEETS CS1-CS2 FOR TYPICAL TRAIL CROSS SECTIONS AND SLOPE DIRECTION.

6. UNLESS SPECIFIED IN PLANS, SIZE & DEPTH OF UTILITY LINES ARE UNKNOWN.

7. SEE SHEET UT1 FOR DRAINAGE STRUCTURES SCHEDULE.
8. COORDINATE WITH PSE FOR TEMPORARY DE-ENERGIZATION FOR THE OVERHEAD LINE DURING CONSTRUCTION OF SOLDIER PILE WALL.

UTILITY CONSTRUCTION NOTES:

1. PROTECT EXISTING UTILITY.
2. POLE TO BE RELOCATED BY OTHERS.
3. INSTALL NEW HYDRANT ASSEMBLY PER SPWSD FIRE HYDRANT ASSEMBLY DETAIL. EXISTING HYDRANT SHALL BE REMOVED AND DELIVERED TO THE SPWSD HEADQUARTERS AND 6" WATER MAIN SHALL BE REMOVED OR INSTALLED AS REQUIRED FOR HYDRANT INSTALLATION.
4. INSTALL NEW BOLLARD PER SPWSD "FIRE HYDRANT ASSEMBLY" DETAIL.
5. INSTALL FIELD-APPLIED SLIP RESISTANT COATING ON EXISTING COVER OR LID AS INDICATED.
6. REMOVE AND DISPOSE IRRIGATION SYSTEM. CUT AND CAP WATER LINE.
7. ADJUST WATER METER TO FINISHED GRADE. COORDINATE WITH SPWSD.
8. ADJUST WATER VALVE/VAULT TO FINISHED GRADE. COORDINATE WITH SPWSD.
9. ADJUST CLEANOUT TO FINISHED GRADE.
10. ADJUST SEWER VALVE/BOXES TO FINISHED GRADE. COORDINATE WITH SPWSD.
11. ADJUST GAS VALVE TO FINISHED GRADE, BY OTHERS.
12. POT-HOLE TO VERIFY. INSTALL SLEEVE PER DETAILS ON SHEET WD2.
13. MONITORING WELL TO BE DECOMMISSIONED BY OTHERS.
14. POT-HOLE TO VERIFY. SLEEVE EX SS/W LINE UNDER PROPOSED SOLDIER PILE WALL PER DETAIL 3 ON SHEET S9.
15. POT-HOLE TO VERIFY W/SS LINE DEPTHS. IF CLEARANCE > 6" BUT < 18" OF PROP DRAIN, INSTALL PAD PER NOTE 15 ON SD SHEETS. IF WITHIN 6", ADJUST PER SPWSD DETAILS. COORDINATE WITH SPWSD.
16. POT-HOLE TO VERIFY PRIVATE PWR LINE DEPTH. IF CLEARANCE > 6" BUT < 18" OF PROP DRAIN, INSTALL PAD PER NOTE 15 ON SD SHEETS. IF WITHIN 6", ADJUST LINE.
17. POT-HOLE TO VERIFY GAS/POWER/COM LINE DEPTHS. NOTIFY PROJECT REP AND PSE IF CONFLICT EXISTS. GAS/POWER LINES WILL BE SLEEVED & ADJUSTED OR RELOCATED BY OTHERS. COORDINATE WITH UTILITY COMPANY.
18. ABANDONED UTILITY. PLUG AND CAP LINE.
19. REMOVE & DISPOSE LIGHTING. CUT & CAP ELECTRICAL CONDUITS.
20. NOT USED.
21. RELOCATE EXISTING UTILITY TO NEW LOCATION AS SHOWN.
22. NOT USED.
23. RELOCATE UTILITY LINE/STRUCTURE/VALVES AS SHOWN. COORDINATE SHUTDOWN WITH SPWSD. SEE SPECIAL PROVISIONS.
24. REMOVE AND DISPOSE PRIVATE POWER CONDUITS. CUT & CAP ENDS OF CONDUITS.

STORMWATER CONSTRUCTION NOTES:

1. INFILTRATION TRENCH, SEE DETAIL 4 ON SHEET DD1.
2. INSTALL UNDERDRAIN TRENCH AND CLEANOUTS, SEE SD SHEETS PROFILES, SEE SHEET DD1 FOR DETAILS.
3. ROCK PAD, SEE DETAIL 2 ON SHEET DD1.
4. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
5. INSTALL STORM DRAINS, CATCH BASINS, AND CULVERTS. SEE SD SHEETS FOR PROFILES.
6. NOT USED.
7. CONCRETE HEADWALL AND SLEEVE, SEE DETAIL 1 ON SHEET DD1.
8. CHANNEL DRAIN, SEE DETAIL 4 ON SHEET DD3.
9. OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
10. NOT USED.
11. PLUG EXISTING PIPE.
12. REMOVE DRAINAGE STRUCTURE/MANHOLE.
13. REMOVE AND DISPOSE CULVERT/STORM PIPE.
14. NOT USED.
15. DITCH EXCAVATION AND CONSTRUCTION, SEE DETAILS ON SHEET DD3.

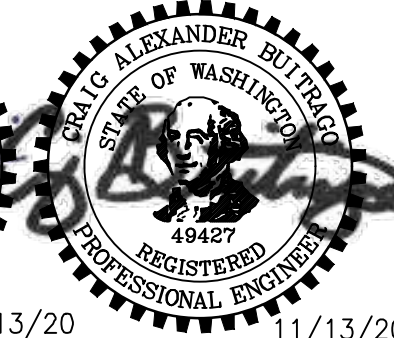
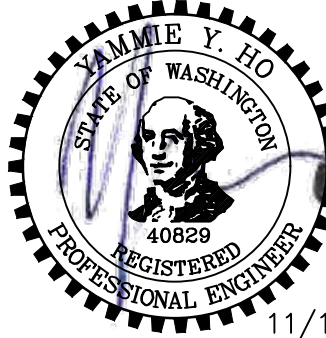
CITY OF SAMMAMISH APPROVAL

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

Community Dev

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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FILE NAME
BL1521075P19T03UT-02
JOB No.
554-1521-075 P19 T03
DATE
NOVEMBER 2020

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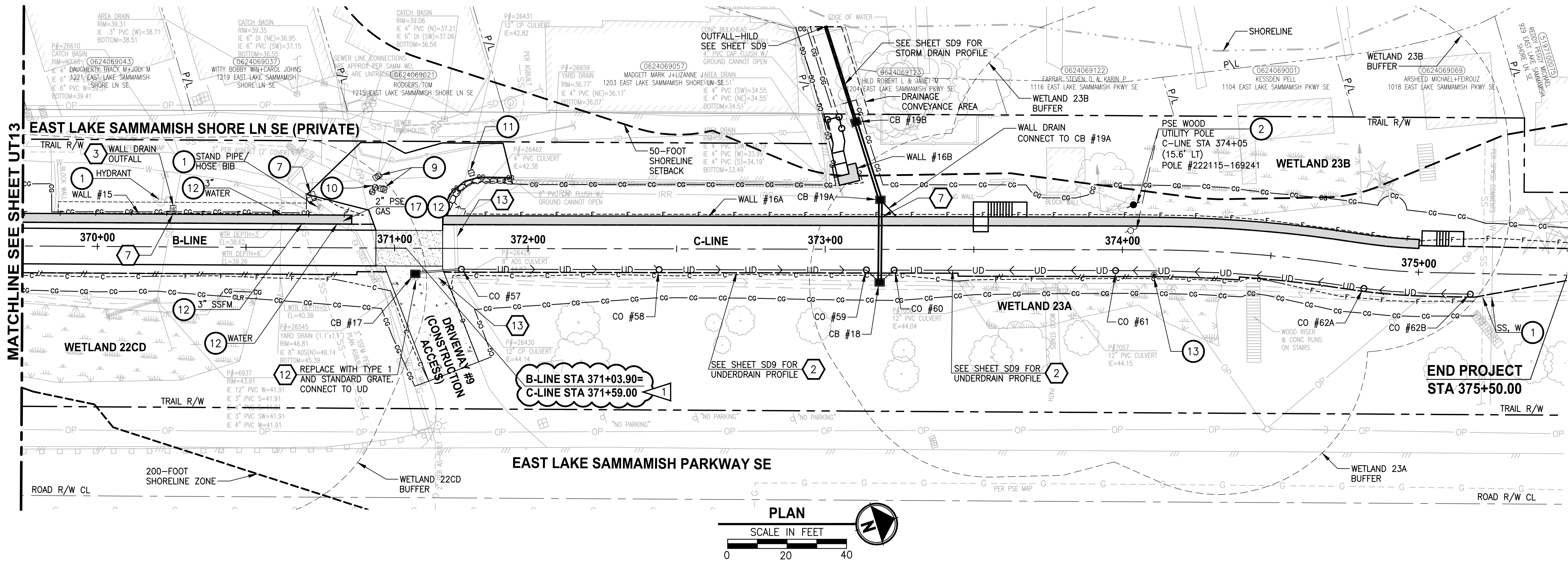
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PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 1
SAMMAMISH, WA

UTILITY AND DRAINAGE PLAN

SHEET NO.
79 OF 190

UT13



UTILITY CONSTRUCTION NOTES:

1. PROTECT EXISTING UTILITY.
2. POLE TO BE RELOCATED BY OTHERS.
3. INSTALL NEW HYDRANT ASSEMBLY PER SPWSD FIRE HYDRANT ASSEMBLY DETAIL. EXISTING HYDRANT SHALL BE REMOVED AND DELIVERED TO THE SPWSD HEADQUARTERS AND 6" WATER MAIN SHALL BE REMOVED OR INSTALLED AS REQUIRED FOR HYDRANT INSTALLATION.
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18. ABANDONED UTILITY. PLUG AND CAP LINE.
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24. REMOVE AND DISPOSE PRIVATE POWER CONDUITS. CUT & CAP ENDS OF CONDUITS.

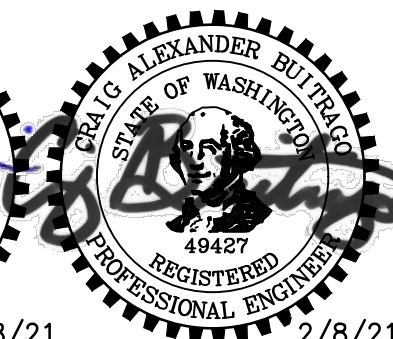
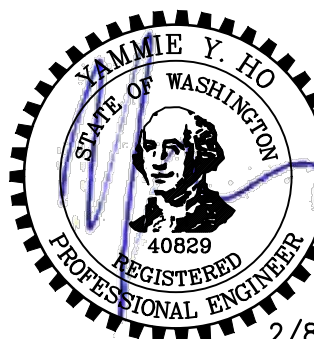
STORMWATER CONSTRUCTION NOTES:

1. INFILTRATION TRENCH, SEE DETAIL 4 ON SHEET DD1.
2. INSTALL UNDERDRAIN TRENCH AND CLEANOUTS, SEE SD SHEETS PROFILES, SEE SHEET DD1 FOR DETAILS.
3. ROCK PAD, SEE DETAIL 2 ON SHEET DD1.
4. CONNECTION TO DRAINAGE STRUCTURE AND CLEANING EXISTING DRAINAGE STRUCTURE.
5. INSTALL STORM DRAINS, CATCH BASINS, AND CULVERTS. SEE SD SHEETS FOR PROFILES.
6. NOT USED.
7. CONCRETE HEADWALL AND SLEEVE, SEE DETAIL 1 ON SHEET DD1.
8. CHANNEL DRAIN, SEE DETAIL 4 ON SHEET DD3.
9. OUTFALL PROTECTION. SEE DETAIL 3 ON SHEET DD1.
10. NOT USED.
11. PLUG EXISTING PIPE.
12. REMOVE DRAINAGE STRUCTURE/MANHOLE.
13. REMOVE AND DISPOSE CULVERT/STORM PIPE.
14. NOT USED.
15. DITCH EXCAVATION AND CONSTRUCTION, SEE DETAILS ON SHEET DD3.

GENERAL NOTES:

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CONFORMED DRAWING



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

UTILITY AND DRAINAGE PLAN

SHEET NO.
80 OF 190

UT14

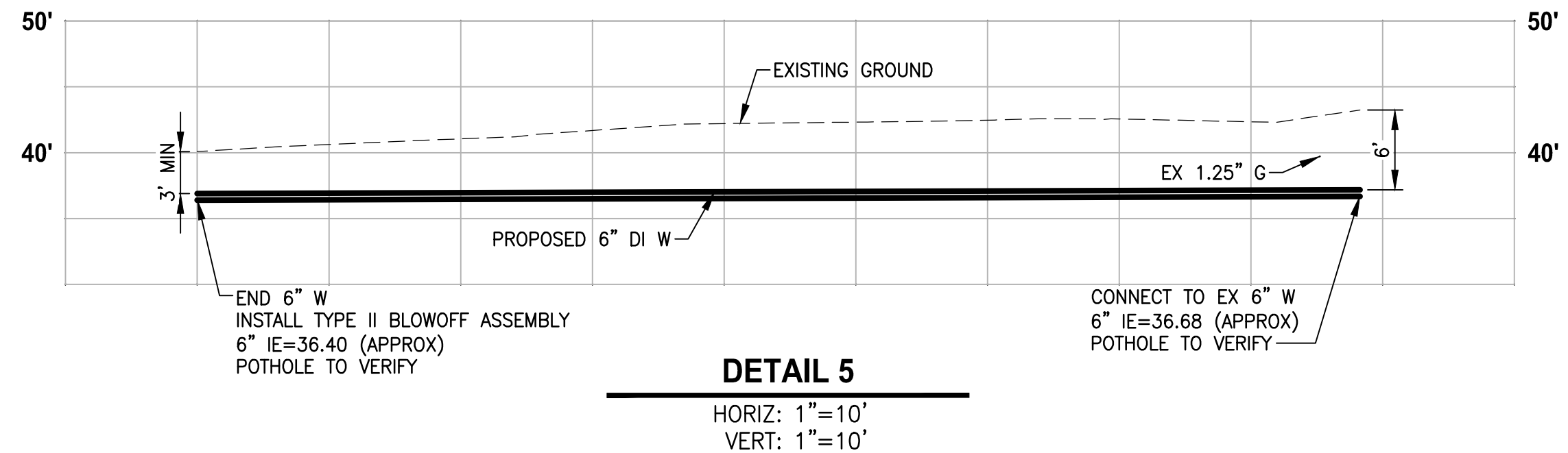
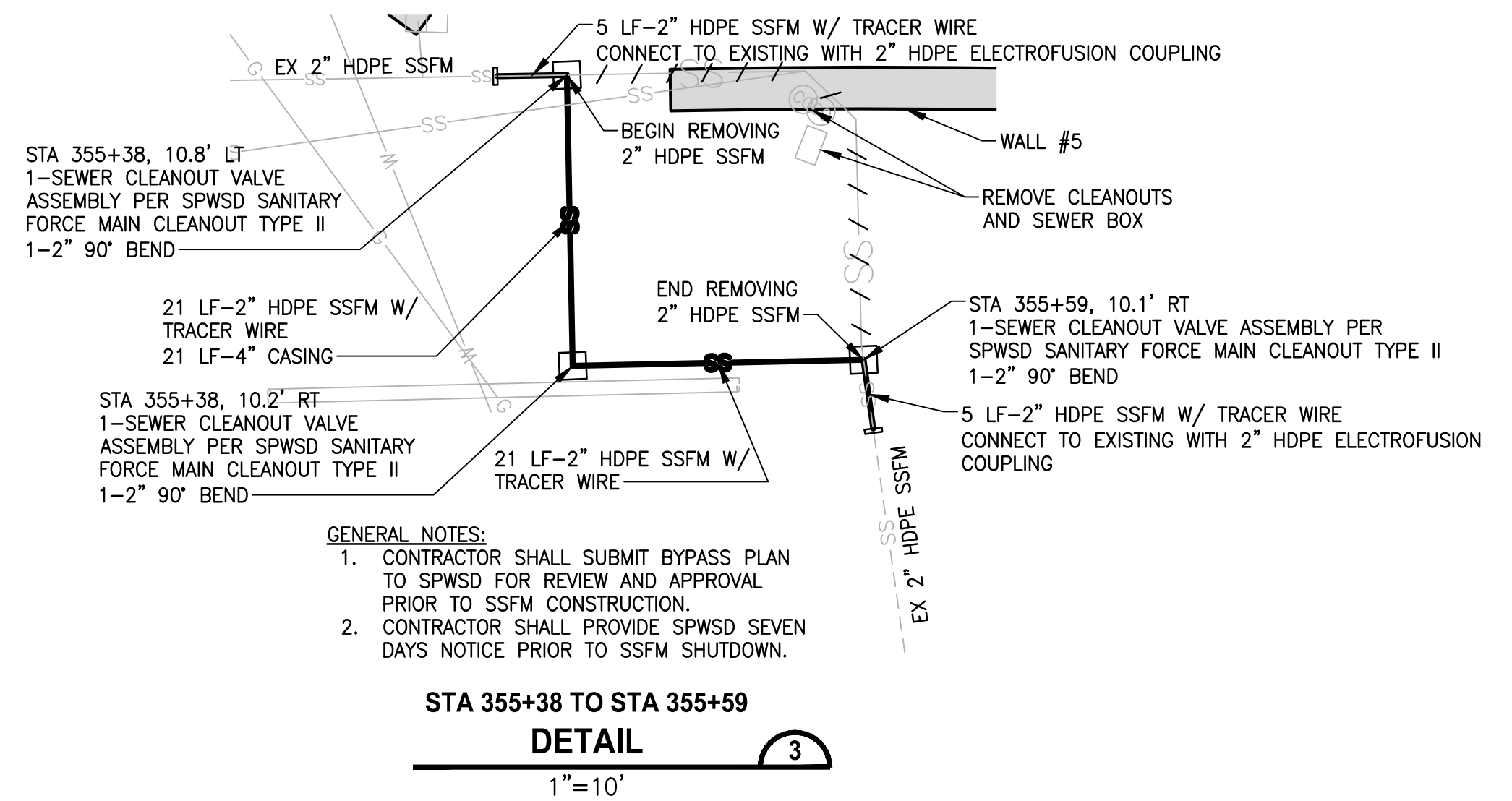
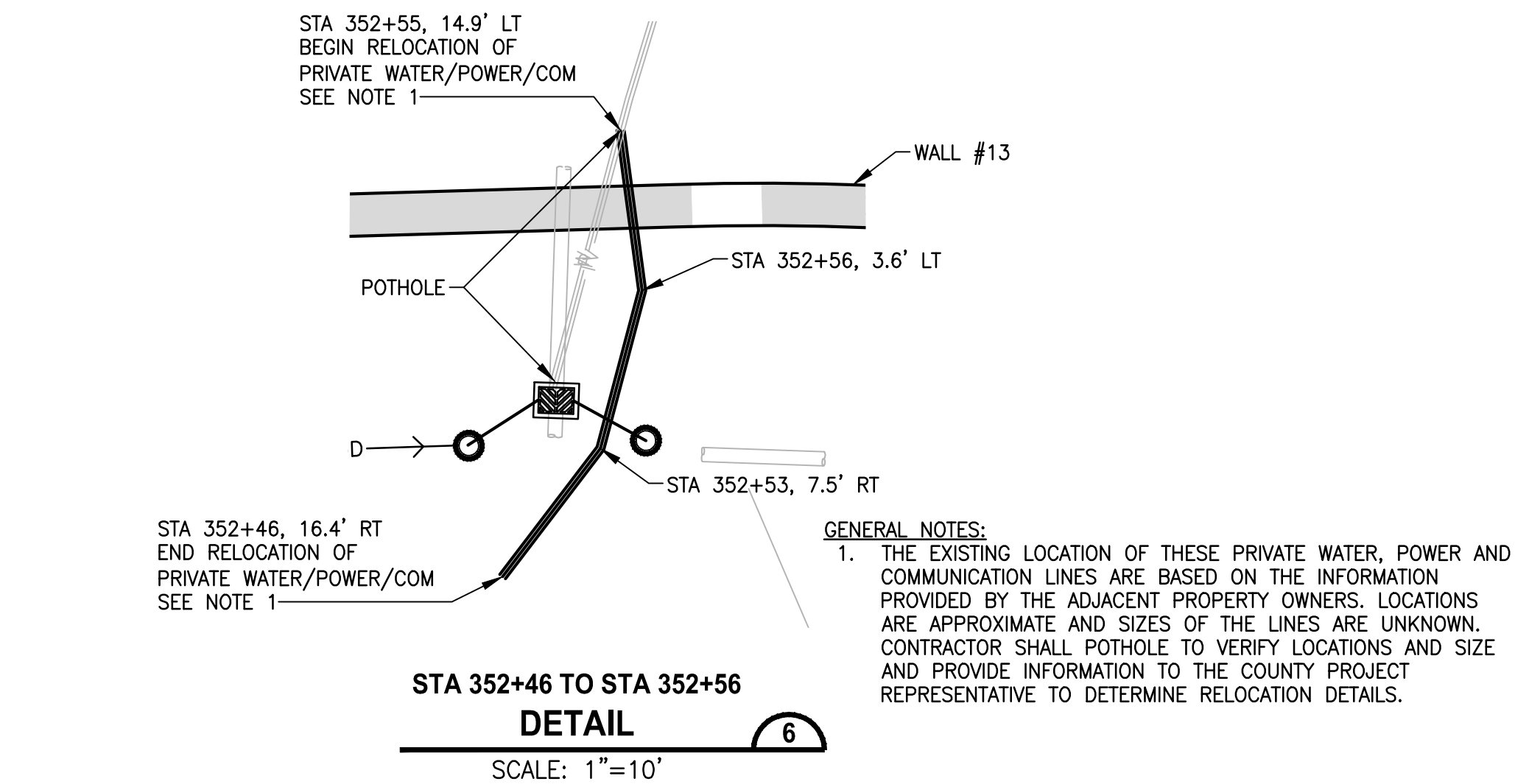
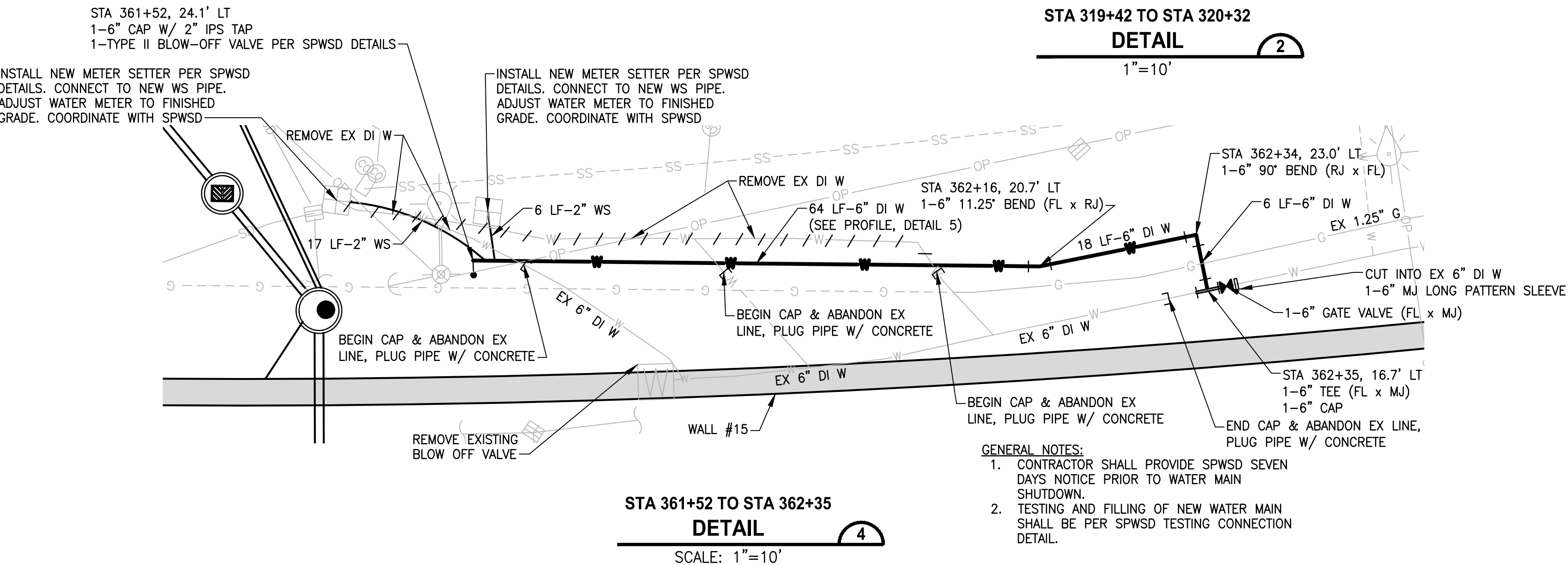
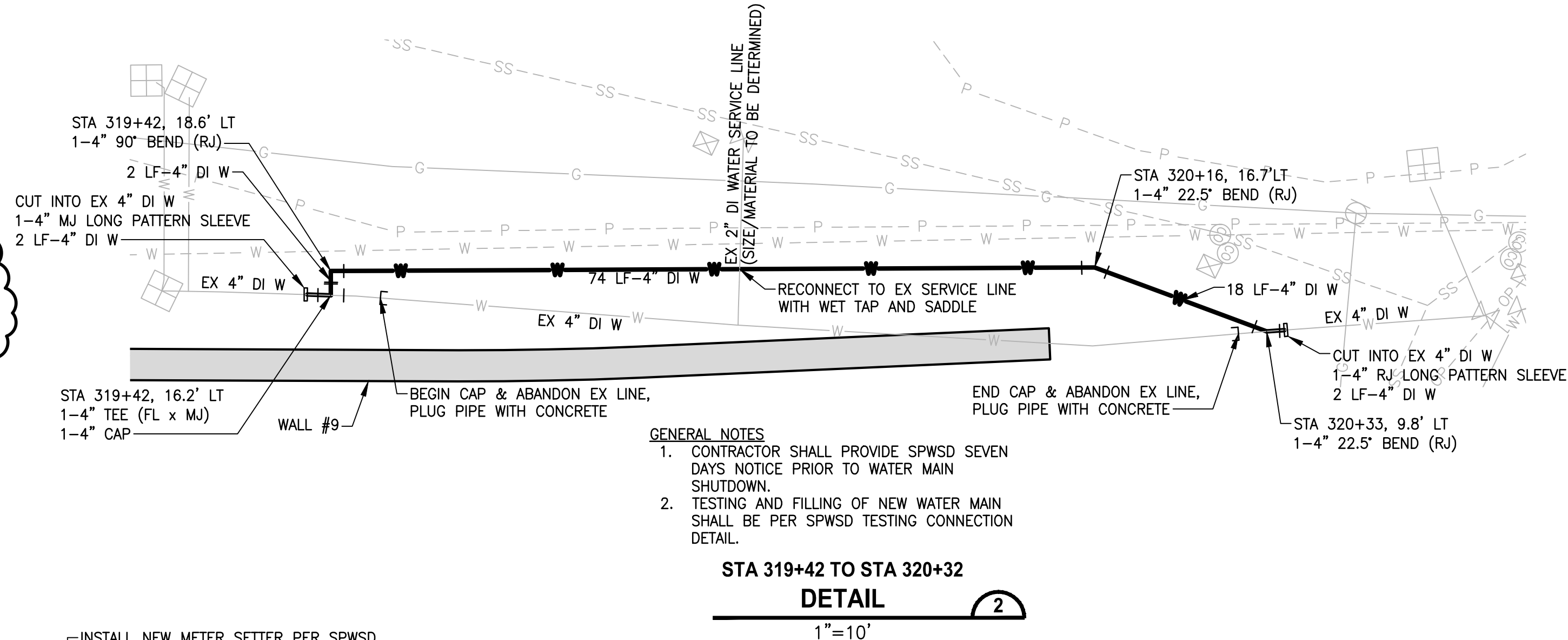
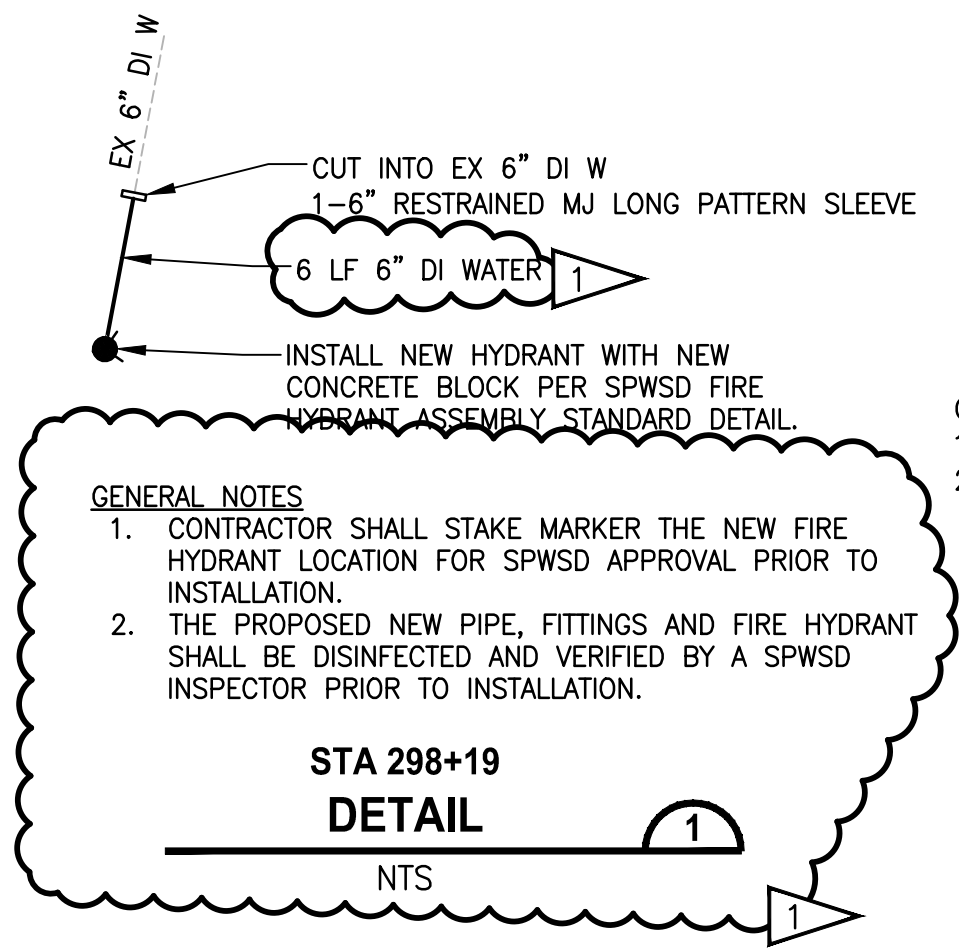
CITY OF SAMMAMISH APPROVAL

PLANNING DEPT. APPROVAL	CITY OF SAMMAMISH PUBLIC WORKS DEVELOPMENT REVIEW
BY: Abaty DATE: 06/10/2021	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
Community Dev	

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FILE NAME
BL1521075P19T03UT-03
JOB No.
554-1521-075 P19 T03
DATE
NOVEMBER 2020

REVISIONS	DATE	BY	DESIGNED
1	ADDENDUM #1	2/8/21	MT
			C. BUITRAGO/C. SHARMA
			DRAWN B. PURGANAN
			CHECKED Y. HO/J. COOP
			APPROVED J. BAILEY

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\9955es\CADD\Phase 19\T03 CIV\DWG-Phase1\ PLOTTED BY: taumic DATE: Tuesday, February 9, 2021 10:07:12 AM LAYOUT: UD1

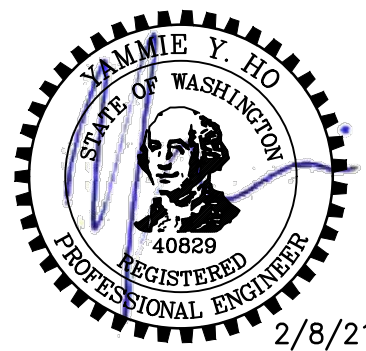


GENERAL NOTES:

- SEE APPENDIX D OF SPECIAL PROVISIONS FOR SPWSD DETAILS.

CITY OF SAMMAMISH APPROVAL	
PLANNING DEPT. APPROVAL	CITY OF SAMMAMISH PUBLIC WORKS DEVELOPMENT REVIEW
BY: ABaty	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.
DATE: 06/10/2021	10 June 2021
Community Dev	

CONFORMED DRAWING



REVISIONS	DATE	BY	DESIGNED
1	ADDENDUM #1	2/8/21	MT
			R. MCCABE
			R. MCCABE
			Y. HO
			APPROVED J. BAILEY

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FILE NAME
BL1521075P19T03UD-01
JOB No.
554-1521-075 P19 T03
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PROJECT NAME

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

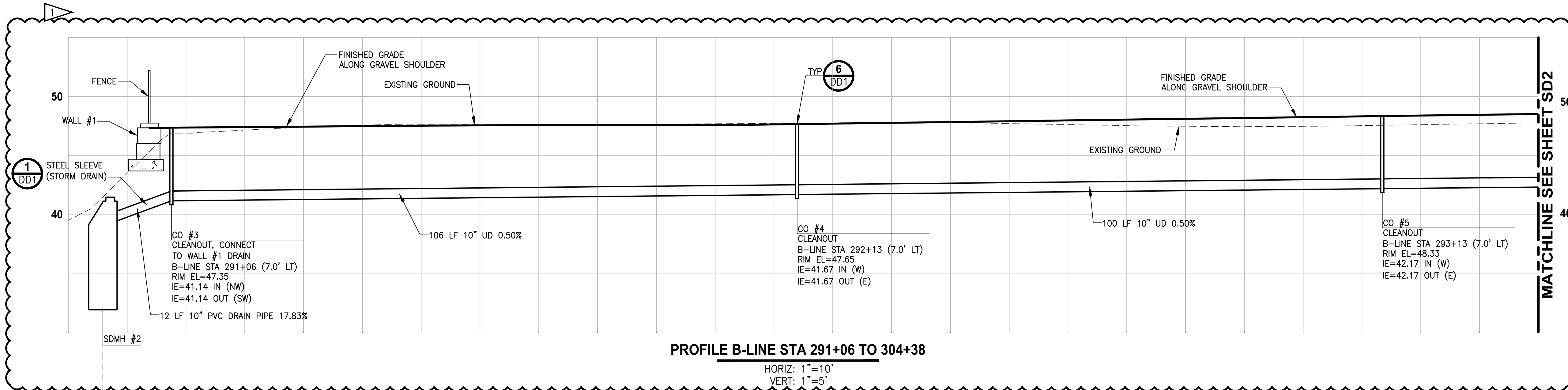
SAMMAMISH, WA

UTILITY DETAILS

SHEET NO.
81 OF 190

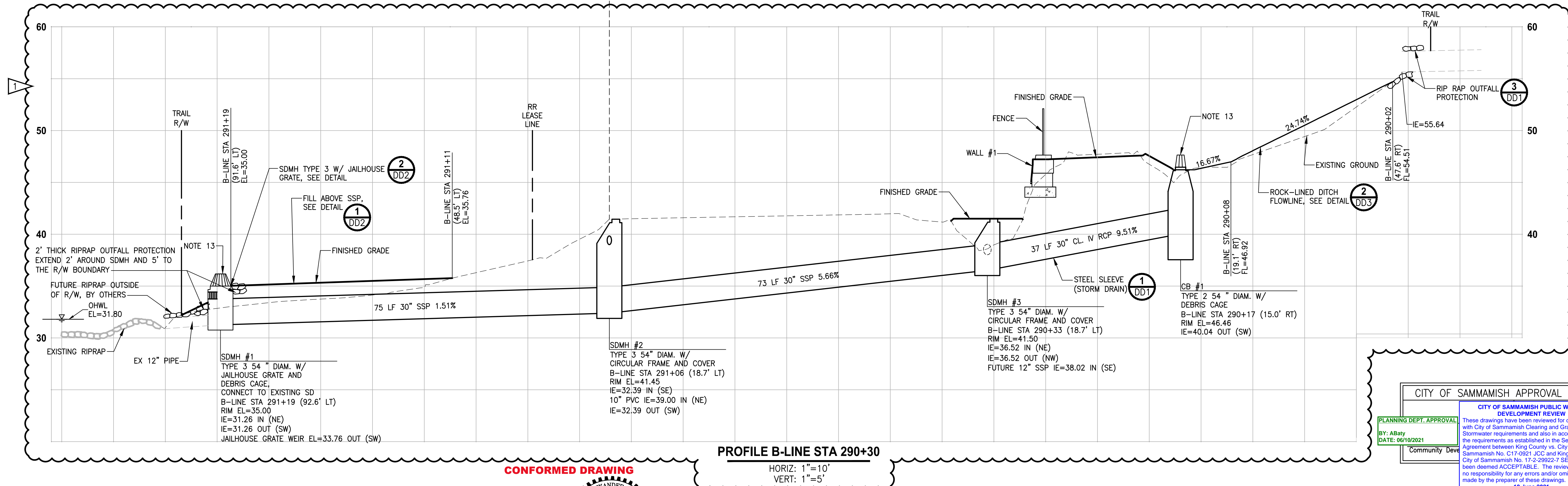
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GENERAL NOTES:

- CULVERTS IN FILL OR CUT SLOPES SHALL HAVE BEVELED END SECTIONS PER 2016 KCRS FIG. 7-001.
- STRUCTURE OFFSETS ARE MEASURED TO CENTER OF GRATE.
- CATCH BASIN TYPE 1 SHALL BE PER 2016 KCRS FIG. 7-003.
- CATCH BASIN TYPE 2 SHALL BE PER 2016 KCRS FIG. 7-005 AND FIG. 7-006.
- CIRCULAR FRAME (RING) AND LOCKING COVER SHALL BE PER 2016 KCRS FIG. 7-022, AND FIG. 7-023.
- RECTANGULAR LOCKING SOLID METAL COVER SHALL BE PER 2016 KCRS FIG. 7-014 AND FIG. 7-015.
- CL IV RCP = CLASS IV REINFORCED CONCRETE STORM SEWER PIPE OR CULVERT.
- HDPE = HIGH DENSITY POLYETHYLENE STORM SEWER PIPE.
- RECTANGULAR VANED GRATES SHALL BE PER 2016 KCRS FIG. 7-018.
- SSP = STORM SEWER PIPE. ALL SSP SHALL BE POLYPROPYLENE PER WSDOT SPECIFICATION 9-05.24.
- SDMH = STORM DRAIN MANHOLE. SDMH SHALL BE PER 2016 KCRS FIG. 7-009.
- CONCRETE COLLAR SHALL BE PER WSDOT STANDARD PLAN B-60.20-01.
- DEBRIS CAGE SHALL BE PER 2016 KCRS FIG. 7-028.
- UD = UNDERDRAIN TRENCH, UNDERDRAIN PIPE UP TO 8" IN DIAMETER SHALL BE PERFORATED PVC PIPE AND UNDERDRAIN PIPE 10" IN DIAMETER SHALL BE PERFORATED CORRUGATED POLYETHYLENE PIPE PER WSDOT SPECIFICATIONS 9-05.2(6) AND 9-05.2(7). UNDERDRAIN PIPES ARE SET AT 0.5% SLOPE AVERAGE, CALCULATED PIPE SLOPES BETWEEN CLEANOUTS MAY VARY SLIGHTLY.
- SPACING BETWEEN EXISTING UTILITY AND NEW STORM STRUCTURE/PIPE SHALL BE 6" MINIMUM. PLACE POLYETHYLENE PAD OF 2' LENGTH & WIDTH BETWEEN UTILITIES.
- PIPE JOINTS FOR NEW STORM DRAINS AND CULVERTS SHALL BE LOCATED OUTSIDE OF PAVED TRAIL.
- ALL DRAIN PIPE SHALL BE PVC PER WSDOT SPECIFICATION 9-05.1(5).
- DI = DUCTILE IRON STORM SEWER PIPE OF CULVERT PIPE.



CITY OF SAMMAMISH APPROVAL

PLANNING DEPT. APPROVAL

BY: Abaty

DATE: 06/10/2021

Community Dev

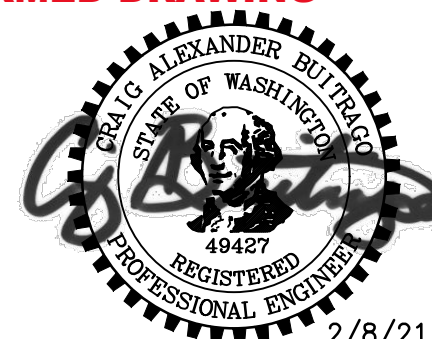
CITY OF SAMMAMISH PUBLIC WORKS DEVELOPMENT REVIEW

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10 June 2021

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

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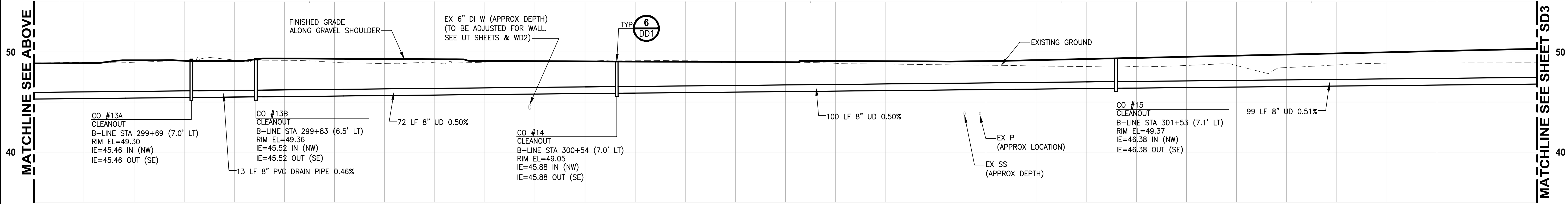
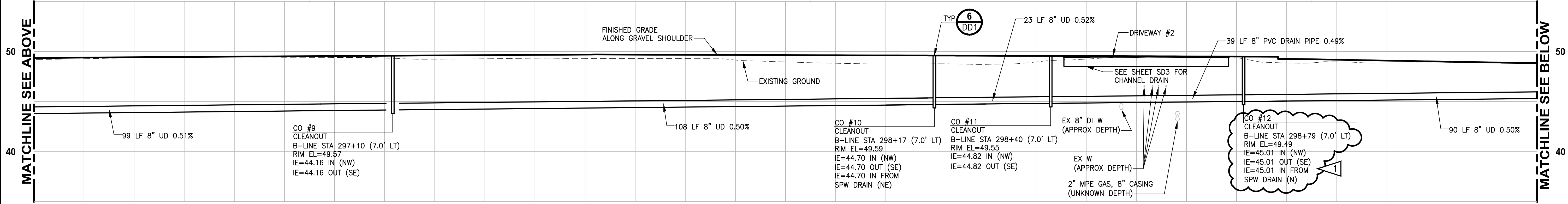
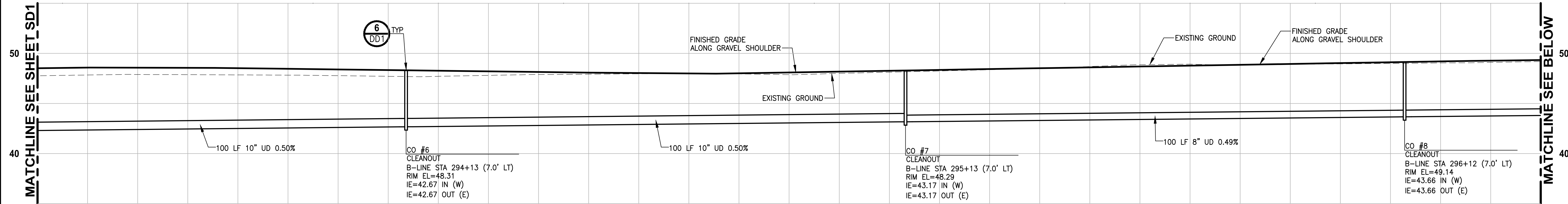
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PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 1
SAMMAMISH, WA

STORM DRAIN PROFILES AND SECTIONS

SHEET NO.
82 OF 190
SD1

U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995\cadd\Phase 1\9103_Civil\DWG-Phase1\ PLOTTED BY: tsunnic DATE: Tuesday, February 9, 2021 9:50:08 AM LAYOUT: SD2



GENERAL NOTES:

- CULVERTS IN FILL OR CUT SLOPES SHALL HAVE BEVELED END SECTIONS PER 2016 KCRS FIG. 7-001.
- STRUCTURE OFFSETS ARE MEASURED TO CENTER OF GRATE.
- CATCH BASIN TYPE 1 SHALL BE PER 2016 KCRS FIG. 7-003.
- CATCH BASIN TYPE 2 SHALL BE PER 2016 KCRS FIG. 7-005 AND FIG. 7-006.
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- SDMH = STORM DRAIN MANHOLE. SDMH SHALL BE PER 2016 KCRS FIG. 7-007.
- CONCRETE COLLAR SHALL BE PER WSDOT STANDARD PLAN B-60.20-01.
- DEBRIS CAGE SHALL BE PER 2016 KCRS FIG. 7-028.
- UD = UNDERDRAIN TRENCH, UNDERDRAIN PIPE UP TO 8" IN DIAMETER SHALL BE PERFORATED PVC PIPE AND UNDERDRAIN PIPE 10" IN DIAMETER SHALL BE PERFORATED CORRUGATED

- POLYETHYLENE PIPE PER WSDOT SPECIFICATIONS 9-05.2(6) AND 9-05.2(7). UNDERDRAIN PIPES ARE SET AT 0.5% SLOPE AVERAGE, CALCULATED PIPE SLOPES BETWEEN CLEANOUTS MAY VARY SLIGHTLY.
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 - PIPE JOINTS FOR NEW STORM DRAINS AND CULVERTS SHALL BE LOCATED OUTSIDE OF PAVED TRAIL.
 - ALL DRAIN PIPE SHALL SHALL BE PVC PER WSDOT SPECIFICATION 9-05.1(5).
 - DI = DUCTILE IRON STORM SEWER PIPE OF CULVERT PIPE.

CONFORMED DRAWING

CITY OF SAMMAMISH APPROVAL

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

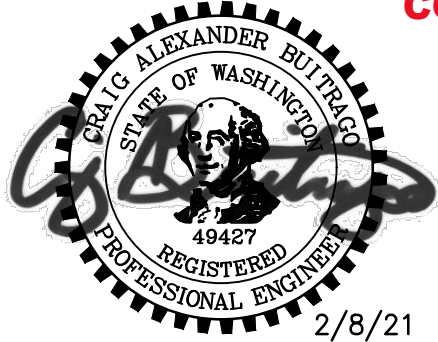
Community Dev

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

REVISIONS	DATE	BY	DESIGNED
1	ADDENDUM #1	2/8/21	CB
			C. BUITRAGO
			DRAWN
			B. PURGANAN
			CHECKED
			Y. HO
			APPROVED
			J. BAILEY

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
BL1521075P19T03SD-01
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

STORM DRAIN PROFILES
AND SECTIONS

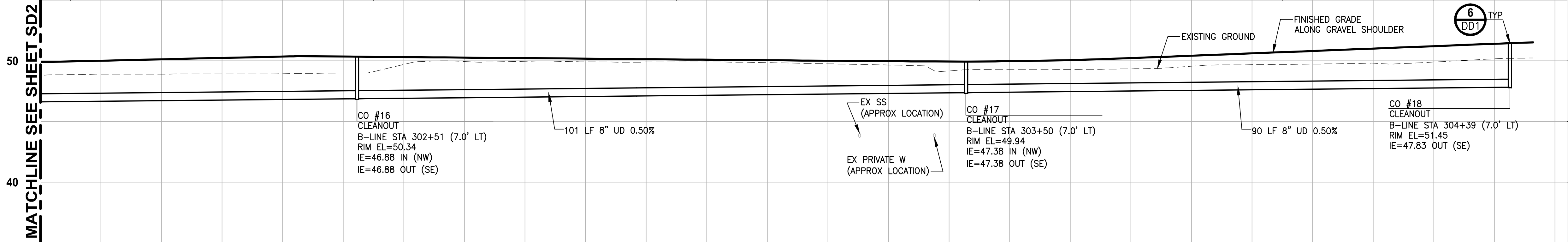
SD2

SHEET NO.
83 OF 190

SD2

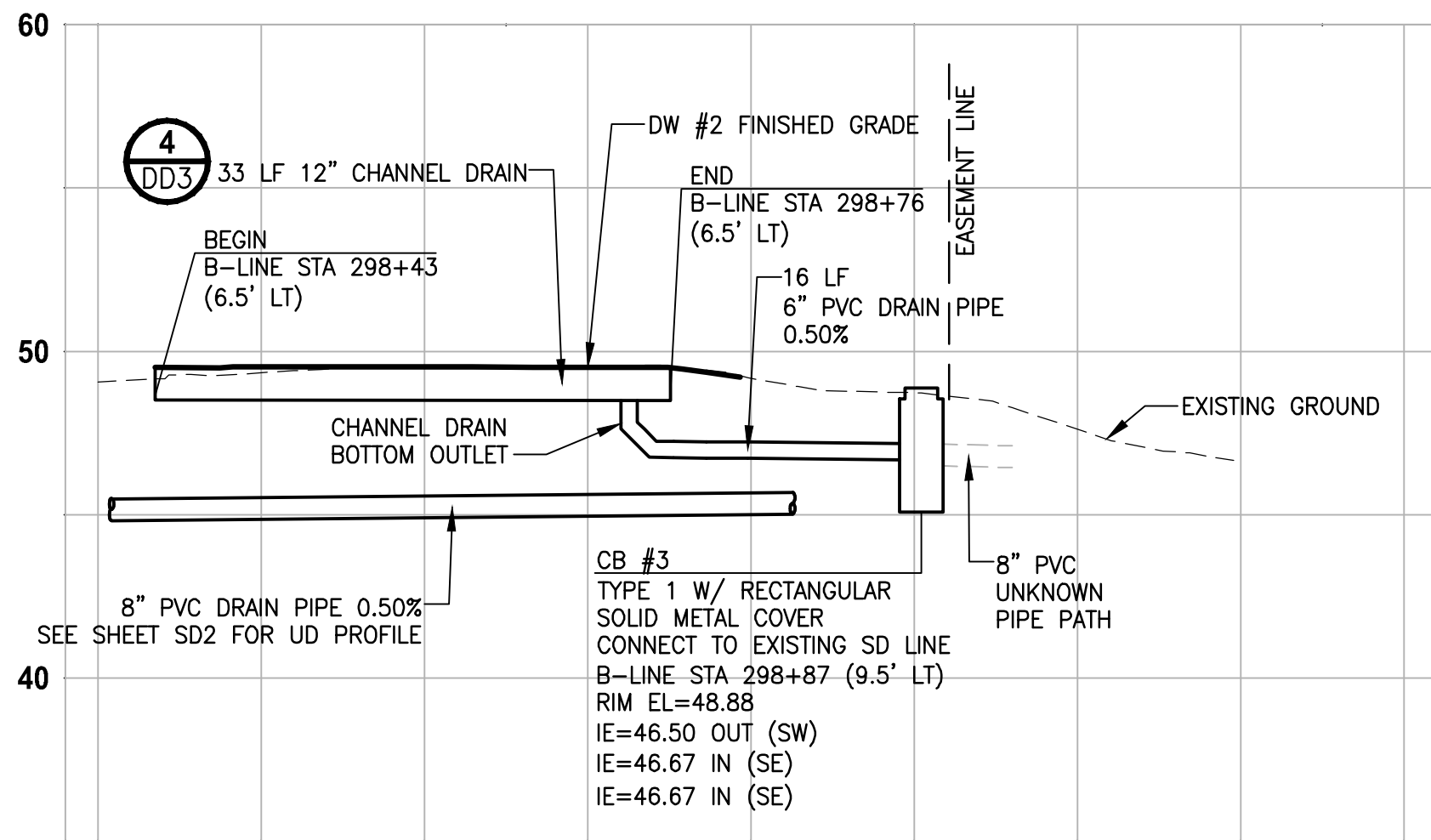
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PLOT BY: purgobut
LAYOUT: SD3

MATCHLINE SEE SHEET SD2



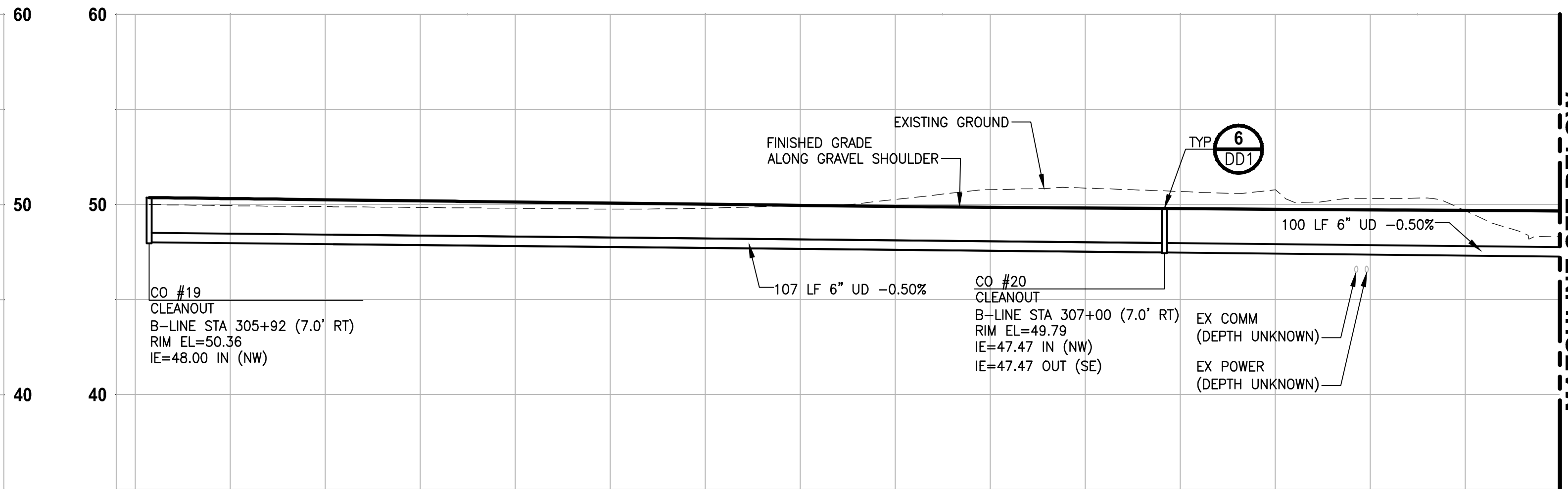
PROFILE B-LINE STA 288+78 TO 304+38

HORIZ: 1"=10'
VERT: 1"=5'



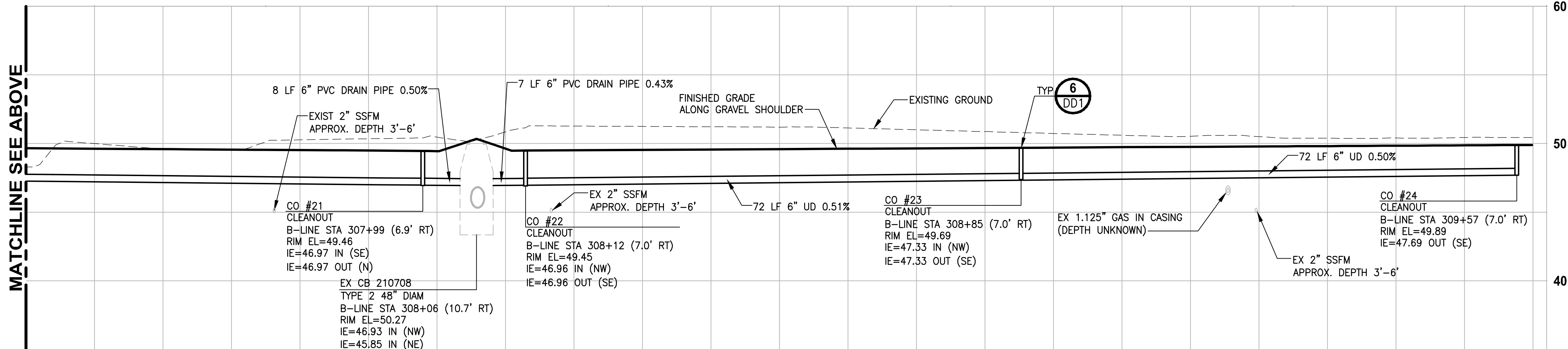
PROFILE B-LINE CHANNEL DRAIN STA 298+83

HORIZ: 1"=10'
VERT: 1"=5'



PROFILE B-LINE STA 305+91 TO 309+57

HORIZ: 1"=10'
VERT: 1"=5'



PROFILE B-LINE STA 305+91 TO 309+57

HORIZ: 1"=10'
VERT: 1"=5'

GENERAL NOTES:

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MATCHLINE SEE BELOW

MATCHLINE SEE ABOVE

CONFORMED DRAWING



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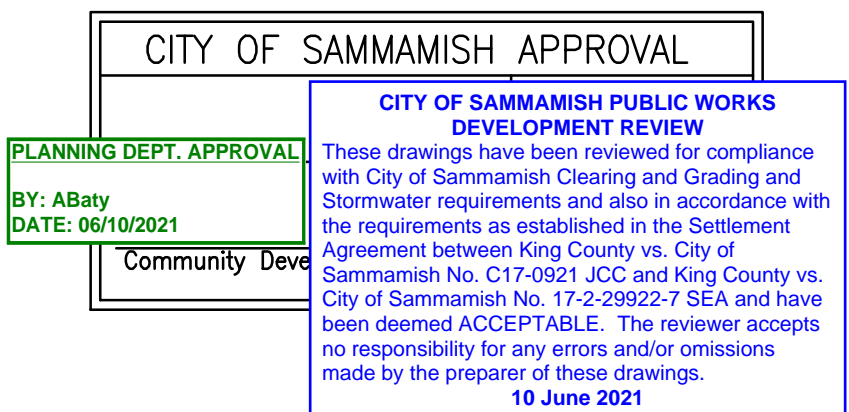
PROJECT NAME

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

**STORM DRAIN PROFILES
AND SECTIONS**

SHEET NO.
84 OF 190

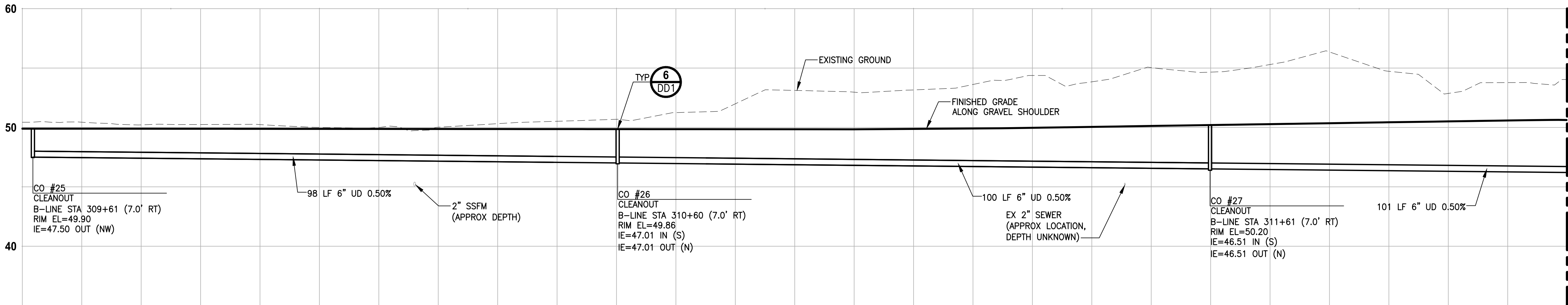
SD3



**ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY**
FILE NAME
BL1521075P19T03SD-01
JOB No.
554-1521-075 P19 T03
DATE
NOVEMBER 2020

DESIGNED
C. BUITRAGO
DRAWN
B. PURGANAN
CHECKED
Y. HO
APPROVED
J. BAILEY

U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995\cadd\Phase 19\T03_Civil\DWG-Phase1\ PLOTTED BY: purgobut DATE: Friday, March 19, 2021 12:51:25 PM



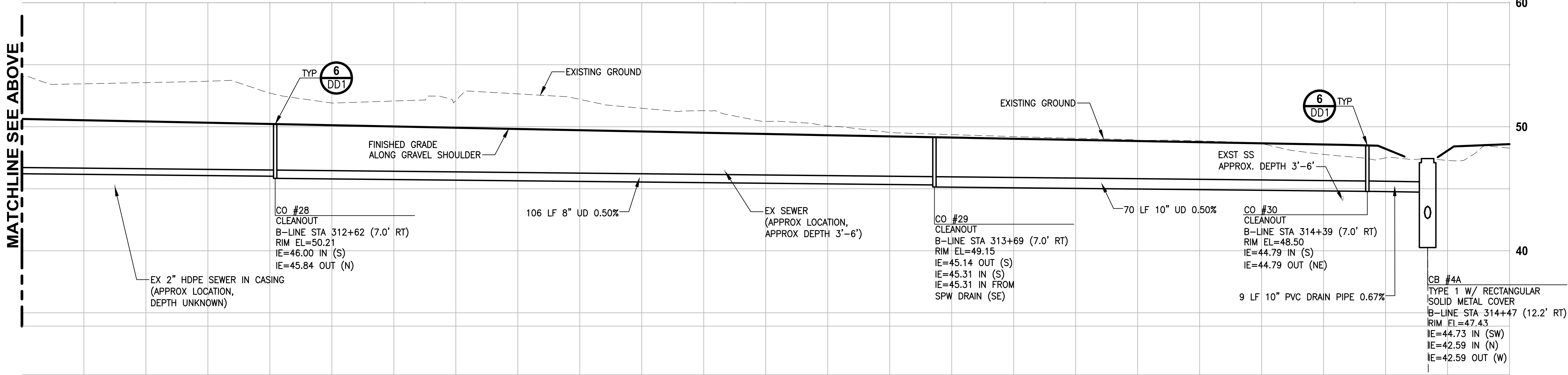
PROFILE B-LINE STA 309+61 TO 314+52

HORIZ: 1"=10'
VERT: 1"=5'

MATCHLINE SEE BELOW

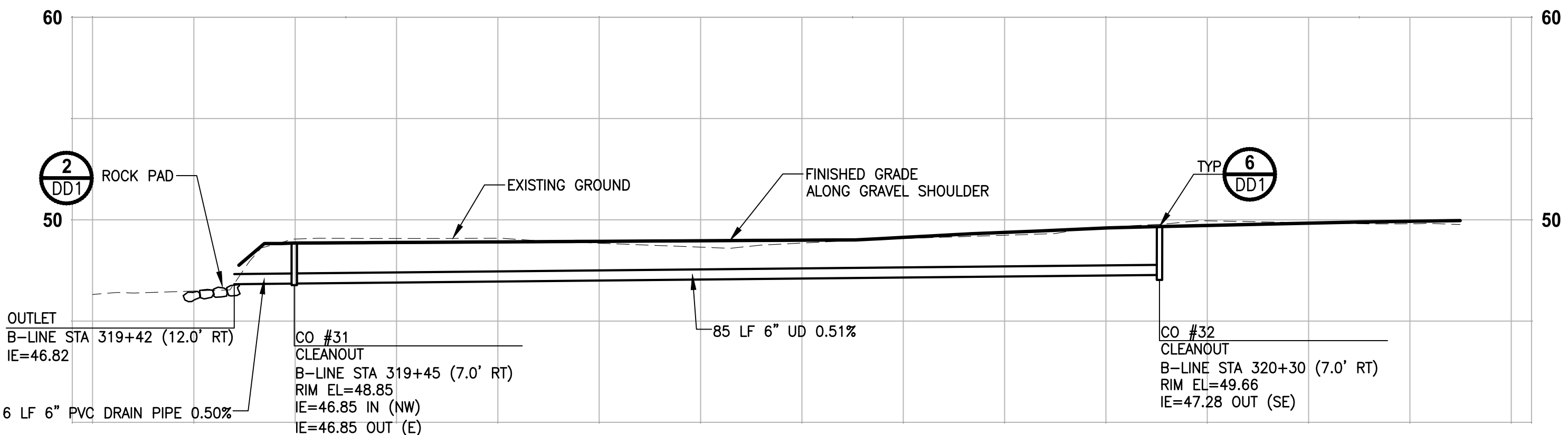
GENERAL NOTES:

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PROFILE B-LINE STA 309+61 TO 314+52

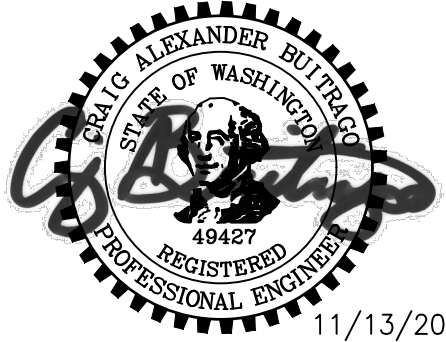
HORIZ: 1"=10'
VERT: 1"=5'



PROFILE B-LINE STA 319+50 TO 320+25

HORIZ: 1"=10'
VERT: 1"=5'

CONFORMED DRAWING



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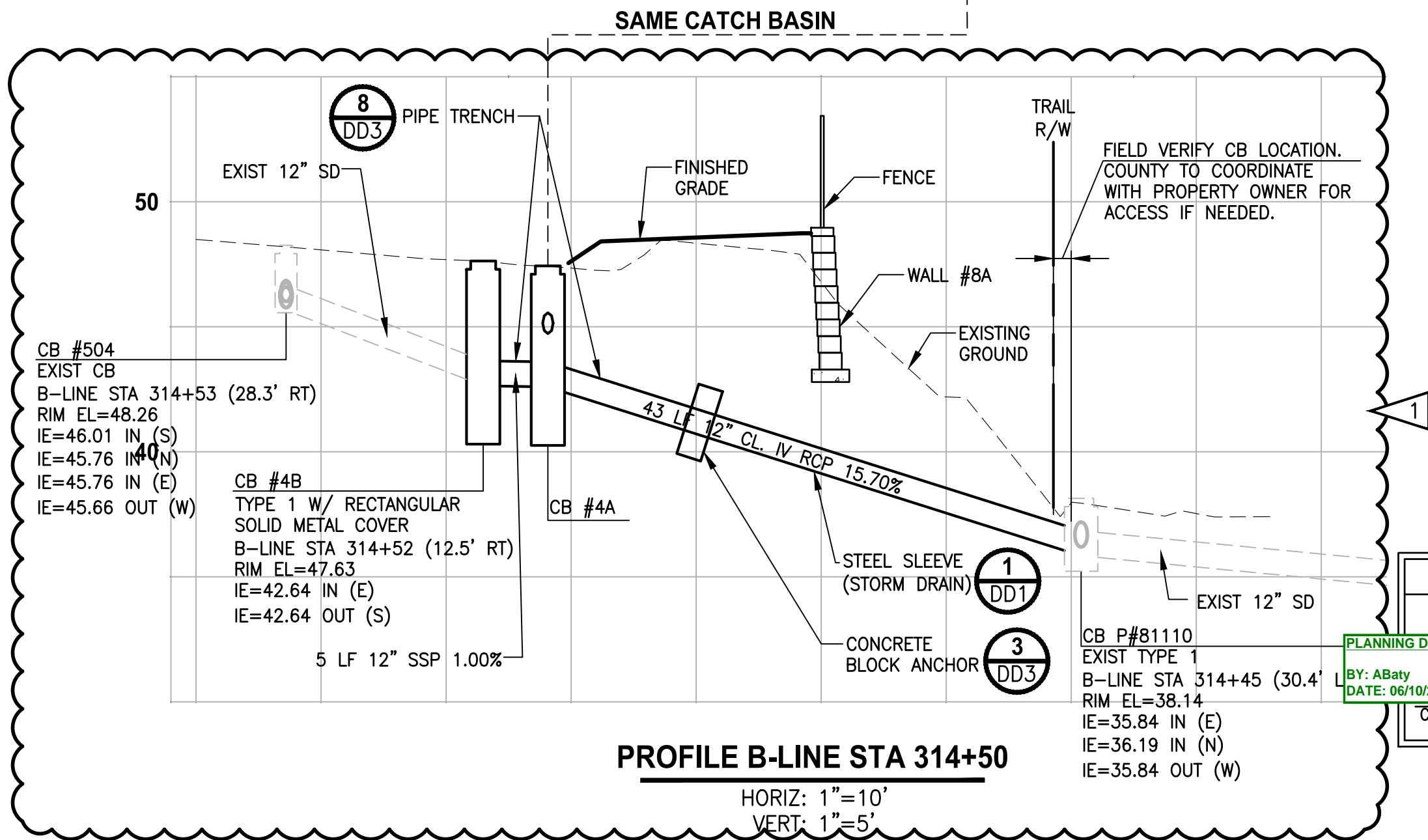
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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 1**
SAMMAMISH, WA

**STORM DRAIN PROFILES
AND SECTIONS**

SHEET NO.
85 OF 190

SD4



PROFILE B-LINE STA 314+50

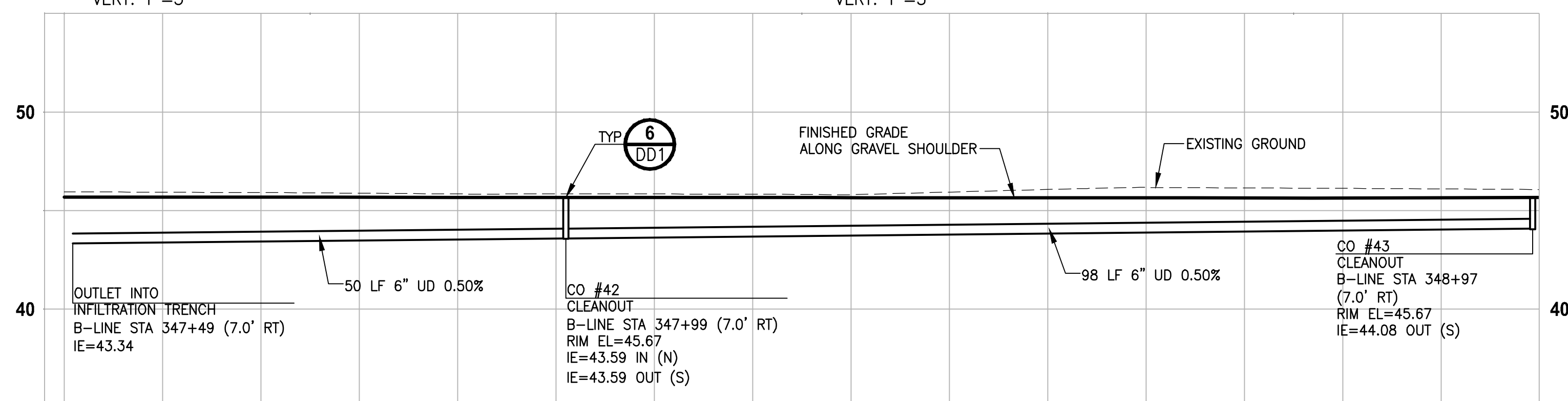
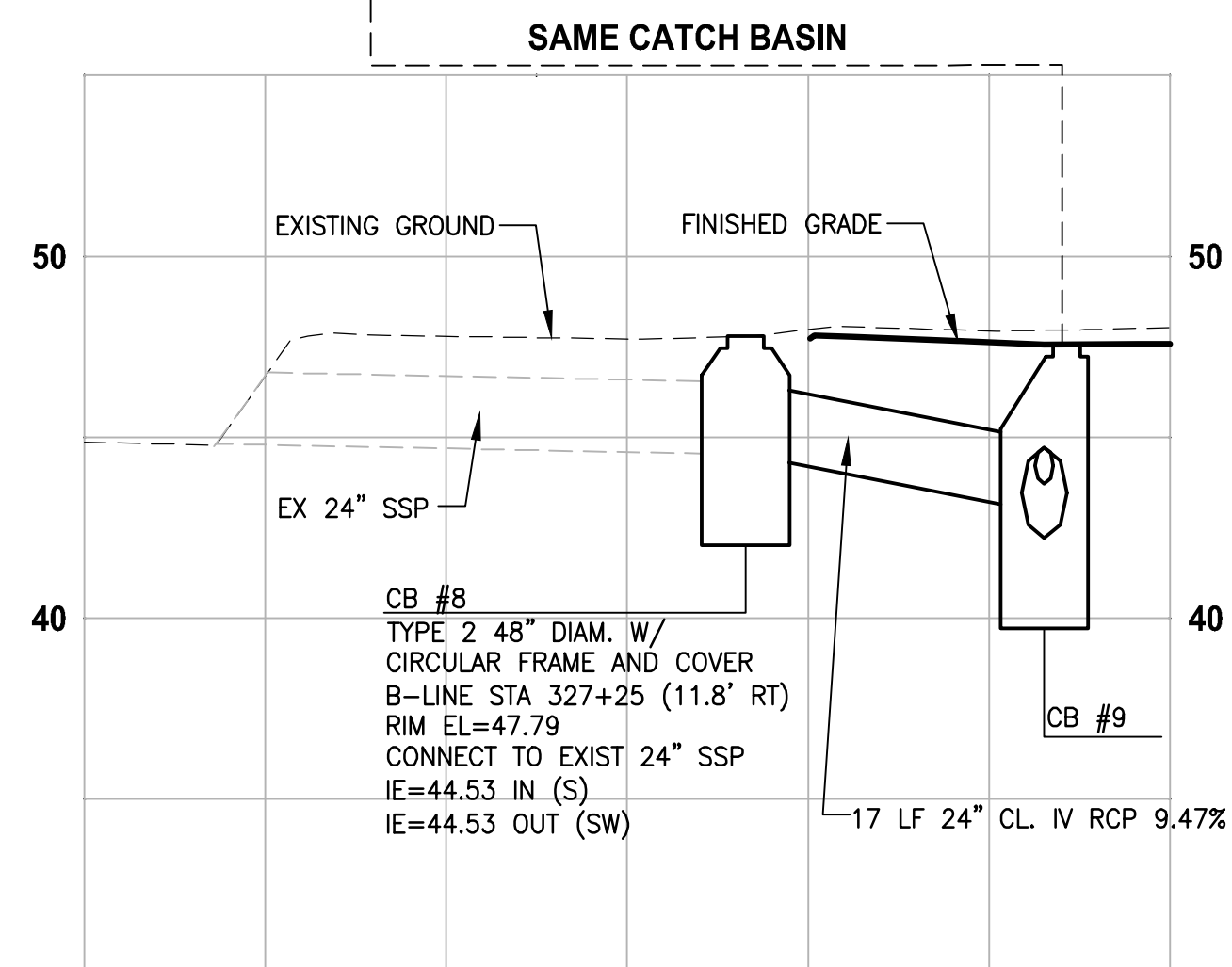
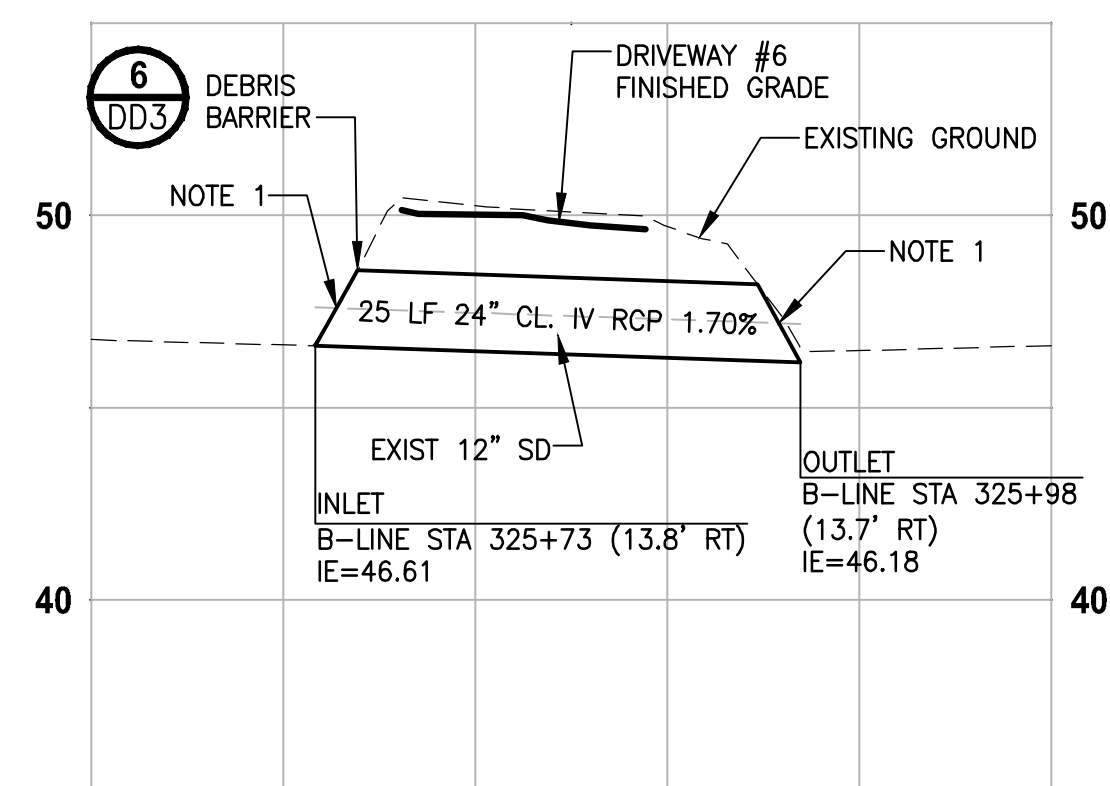
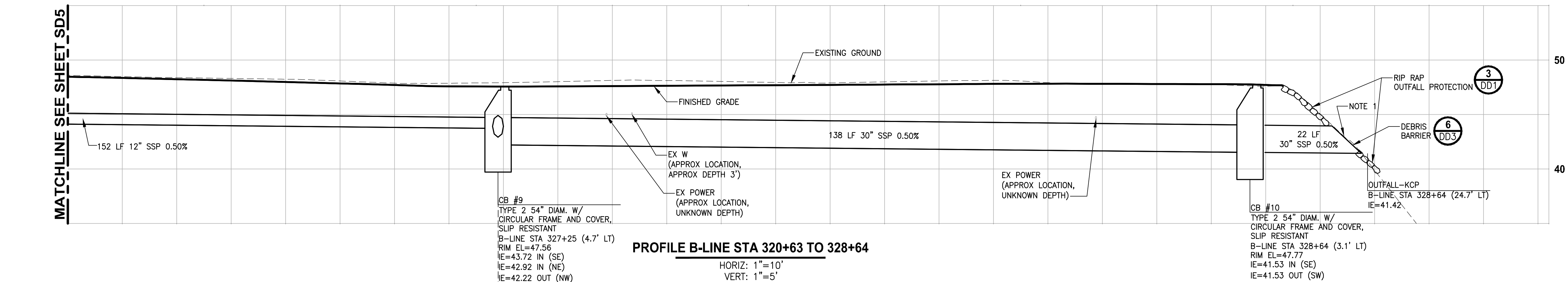
HORIZ: 1"=10'
VERT: 1"=5'

CITY OF SAMMAMISH APPROVAL

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

Community Dev

**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



- GENERAL NOTES:**

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CONFORMED DRAWING



City of Sammamish Page 88 of 191

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PROJECT NAME

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

STORM DRAIN PROFILES AND SECTIONS

SHEET NO.
87 OF 190

SD6

CITY OF SAMMAMISH APPROVAL

PLANNING DEPT. APPROVAL

BY: ABaty
DATE: 06/10/2021

Community Deve

CITY OF SAMMAMISH PUBLIC WORKS
DEVELOPMENT REVIEW

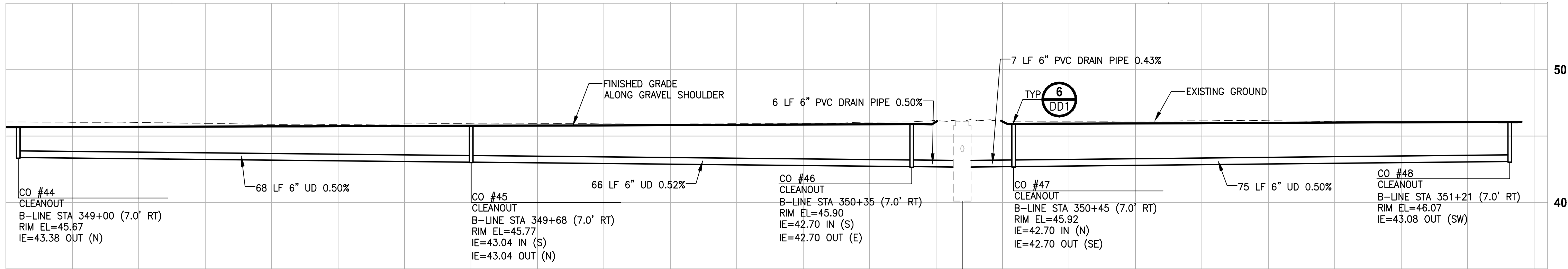
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10 June 2021

U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995ics\CADD\Phase 1\9103 Civil\Draw-Phase1\ LAYOUT: SD7

DATE: Friday, November 13, 2020 1:04:03 PM

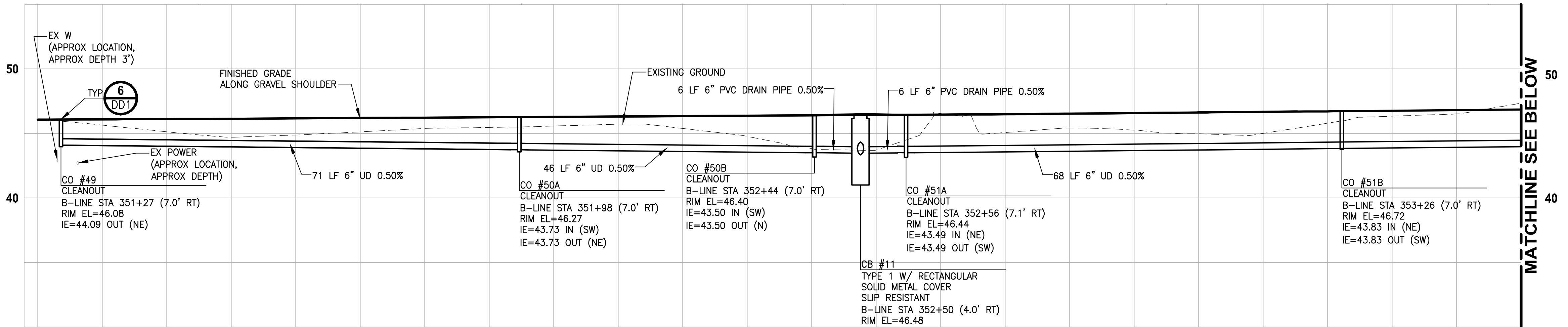
BY: purgubut



PROFILE B-LINE STA 347+49 TO 351+21

HORIZ: 1"=10'
VERT: 1"=5'

EX CB P# 47245
CB TYPE 1
B-LINE STA 350+40 (12.0' RT)
RIM EL=46.11
IE=42.67 IN (NW)
IE=42.67 IN (W)
IE=43.80 OUT (W)

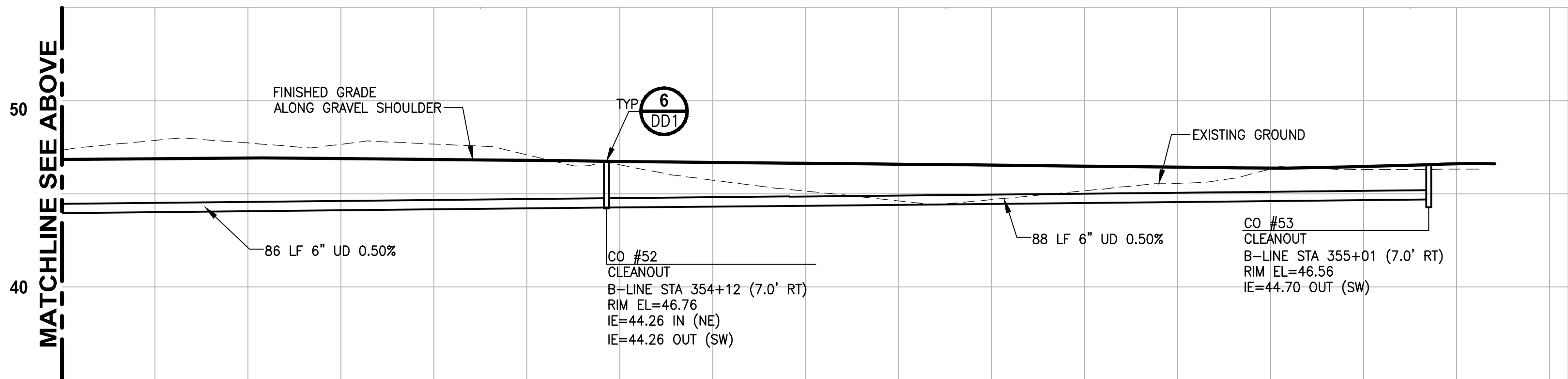


PROFILE B-LINE STA 351+27 TO 353+20

HORIZ: 1"=10'
VERT: 1"=5'

CB #11
TYPE 1 W/ RECTANGULAR
SOLID METAL COVER
SLIP RESISTANT
B-LINE STA 352+50 (4.0' RT)
RIM EL=46.48
IE=43.47 IN (S)
IE=43.46 IN (NE)
CONNECT TO EXIST 12" CP
IE=43.33 OUT (NW)

MATCHLINE SEE BELOW



PROFILE B-LINE STA 351+27 TO 353+20

HORIZ: 1"=10'
VERT: 1"=5'

CONFORMED DRAWING



ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY
FILE NAME
BL1521075P19T03SD-01
JOB No.
554-1521-075 P19 T03
DATE
NOVEMBER 2020

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

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

**STORM DRAIN PROFILES
AND SECTIONS**

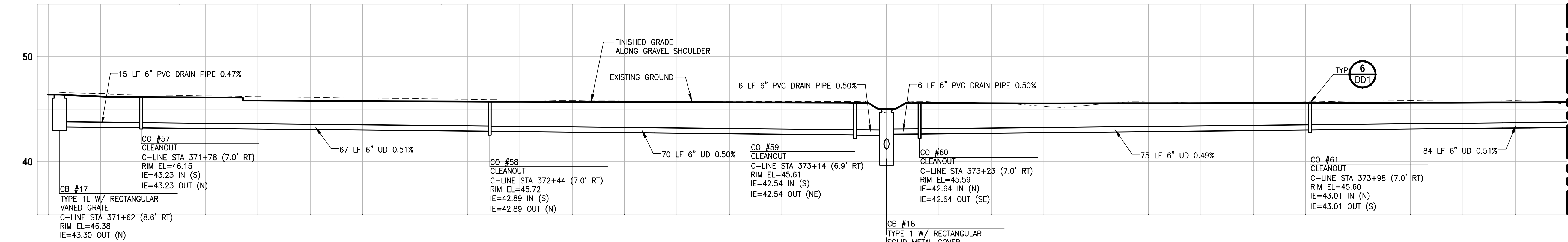
SHEET NO.
88 OF 190

SD7

GENERAL NOTES:

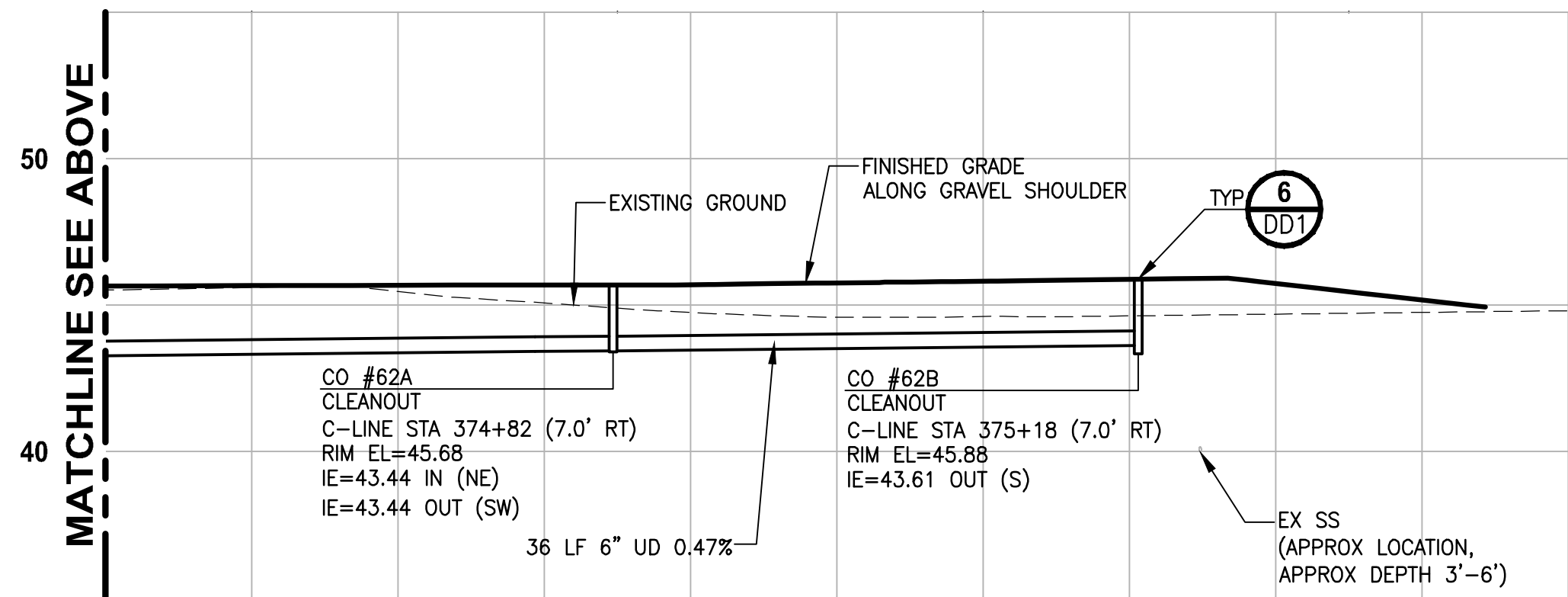
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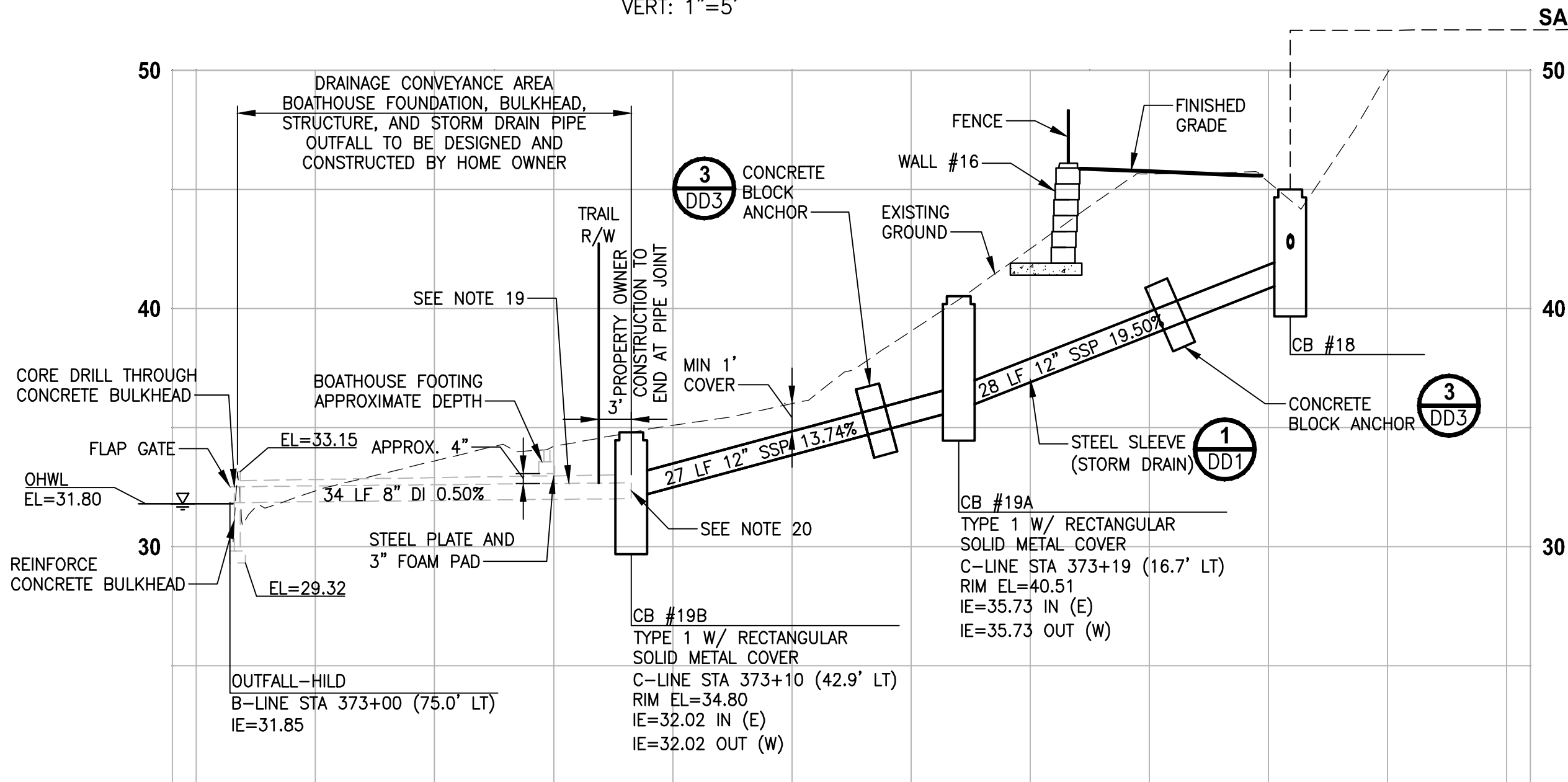
PROFILE B-LINE STA 371+62 TO 375+18

HORIZ: 1"=10'
VERT: 1"=5'



PROFILE C-LINE STA 371+32 TO 375+18

HORIZ: 1"=10'
VERT: 1"=5'



PROFILE C-LINE STA 373+00

HORIZ: 1"=10'
VERT: 1"=5'

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- ALL DRAIN PIPE SHALL BE PVC PER WSDOT SPECIFICATION 9-05.1(5).
- DI = DUCTILE IRON STORM SEWER PIPE OF CULVERT PIPE.
- INSTALL TRACER WIRE AT TOP OF STORM DRAIN PIPE. TRACER WIRE SHALL BE INSULATED 10-GAUGE SOLID COPPER.
- PROPERTY OWNER TO COMPLETE PIPE INSTALLATION AT 34 FEET FROM PIPE OUTFALL END. THE BURIED PIPE END SHALL BE PLUGGED AND A MARKER SHALL BE PLACED ON THE GROUND SURFACE AT THE LOCATION OF THE BURIED PIPE END FOR FUTURE CONSTRUCTION BY THE COUNTY CONTRACTOR.

CONFORMED DRAWING



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PROJECT NAME

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

STORM DRAIN PROFILES
AND SECTIONS

SHEET NO.
90 OF 190

SD9

CITY OF SAMMAMISH APPROVAL

PLANNING DEPT. APPROVAL

BY: ABaty
DATE: 06/10/2021

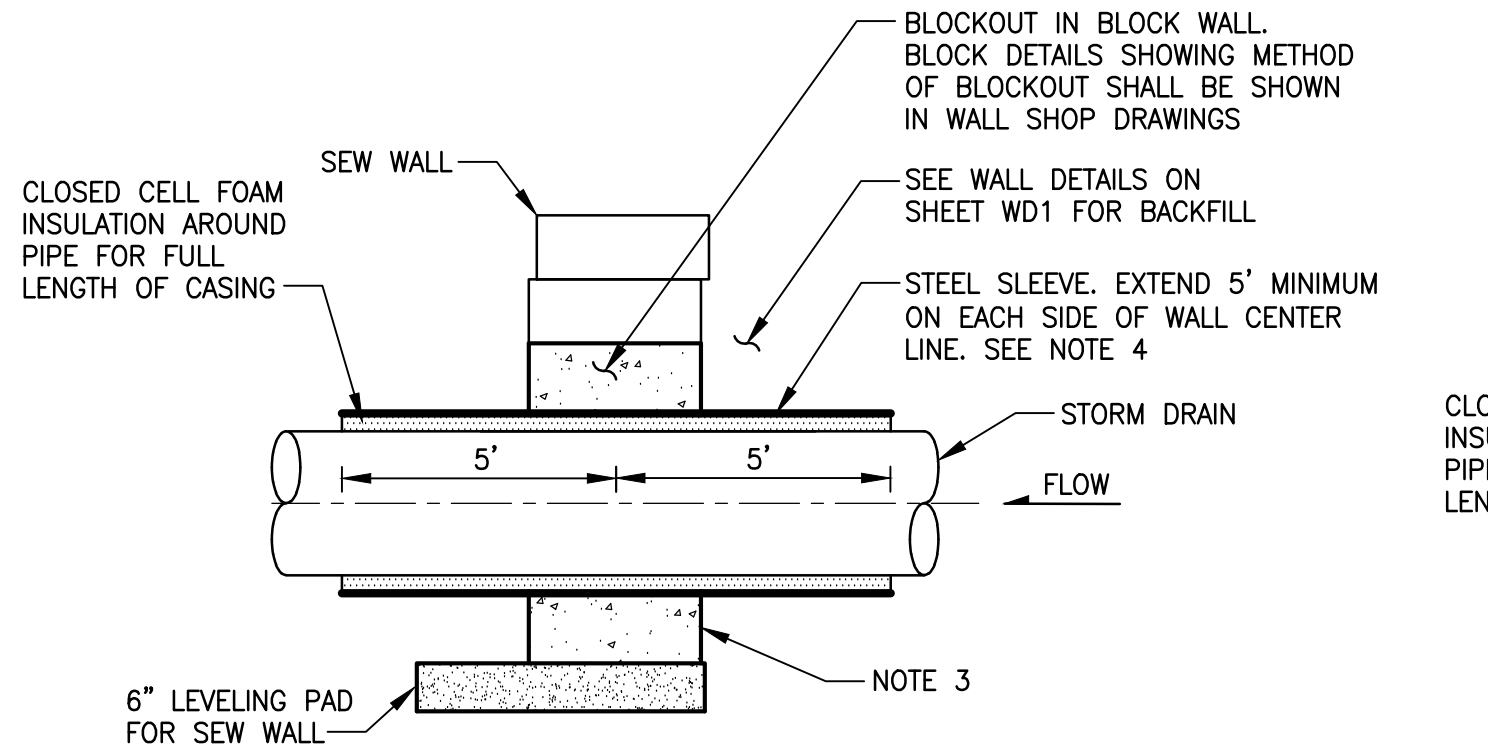
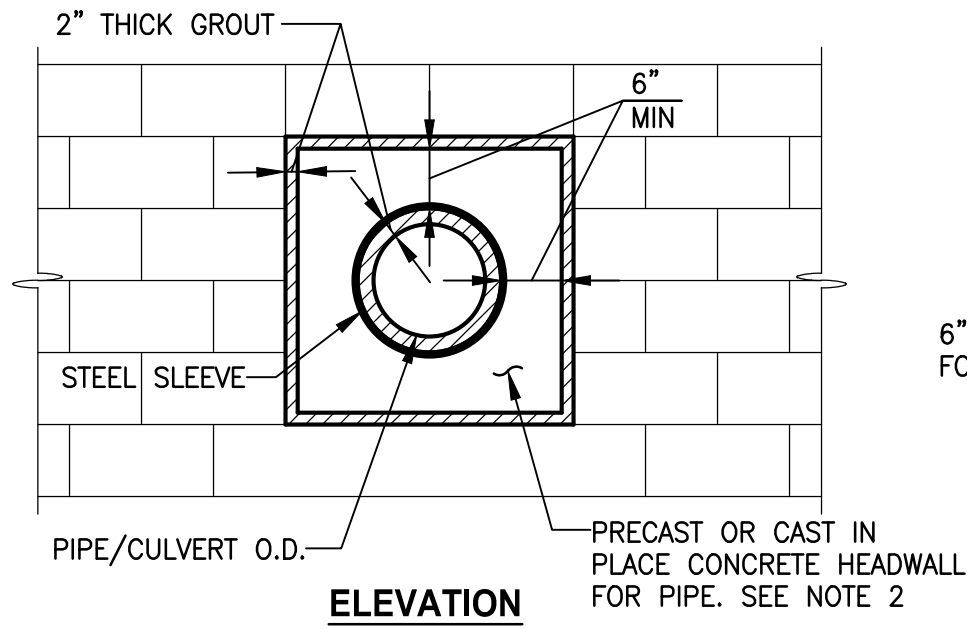
Community Dev

CITY OF SAMMAMISH PUBLIC WORKS
DEVELOPMENT REVIEW

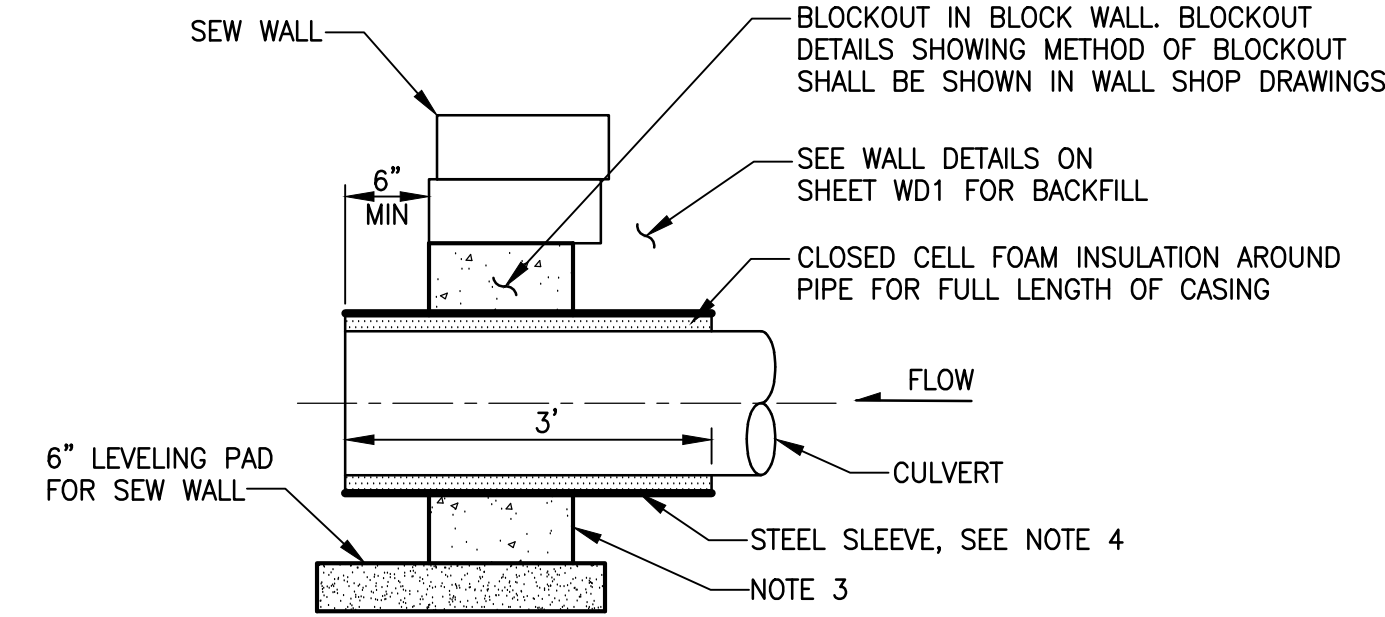
These drawings have been reviewed for compliance with City of Sammamish Clearing and Grading and Stormwater requirements and also in accordance with the requirements as established in the Settlement Agreement between King County vs. City of Sammamish No. C17-0921 JCC and King County vs. City of Sammamish No. 17-2-29922-7 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

NOTES:

- FOR SEW WALLS SEE SHEET WD3.
- CONCRETE HEADWALL FOR PIPE SHALL BE CONSTRUCTED OF 4000 PSI REINFORCED CONCRETE. DETAIL SHALL BE PROVIDED BY WALL MANUFACTURER.
- CONCRETE HEADWALL TO BE CONSTRUCTED FOR NEW AND EXISTING STORM DRAINS AND CULVERTS PER UT SHEETS
- CASING PIPE SHALL HAVE A 0.375" MIN WALL THICKNESS AND SHALL BE SMOOTH GRADE C STEEL, COMPLY WITH ASTM A139, AND HAVE A MIN 36,000 PSI YIELD. INSIDE DIAMETER OF STEEL CASING PIPE SHALL EXCEED THE OUTSIDE DIAMETER OF THE STORM DRAIN OR CULVERT BY 4".



SECTION A - STORM DRAINS



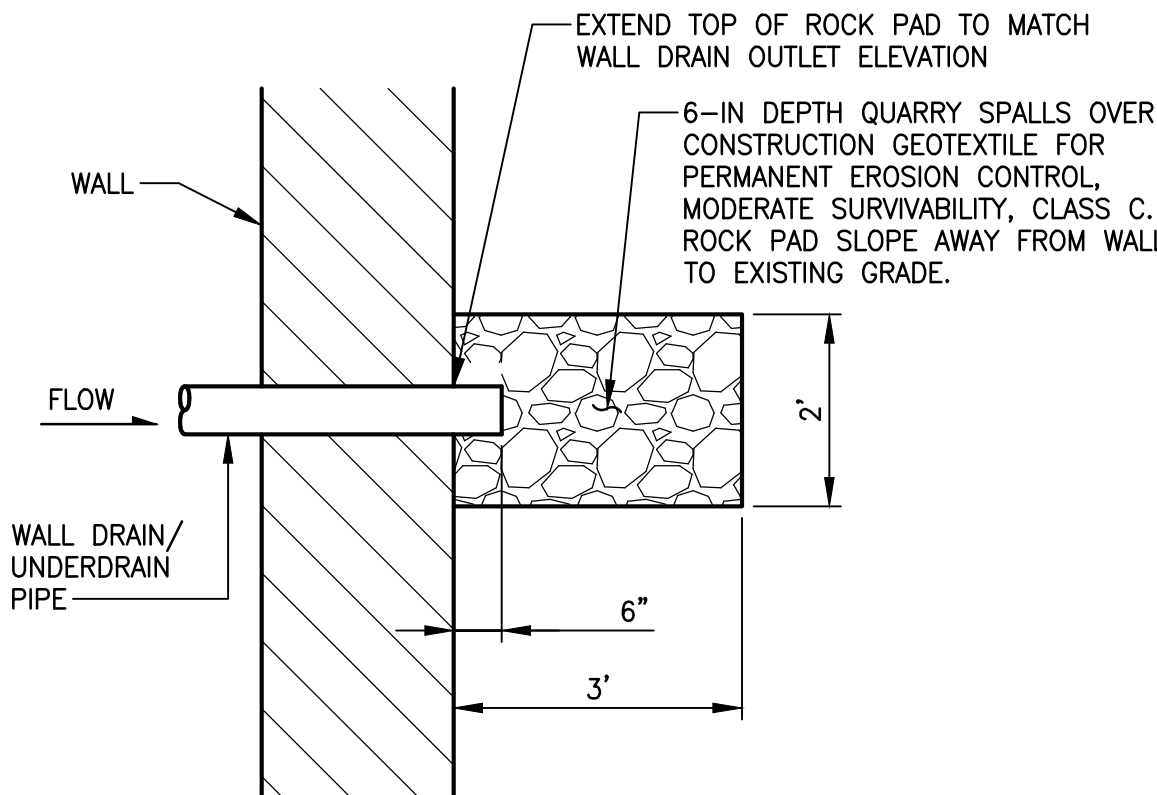
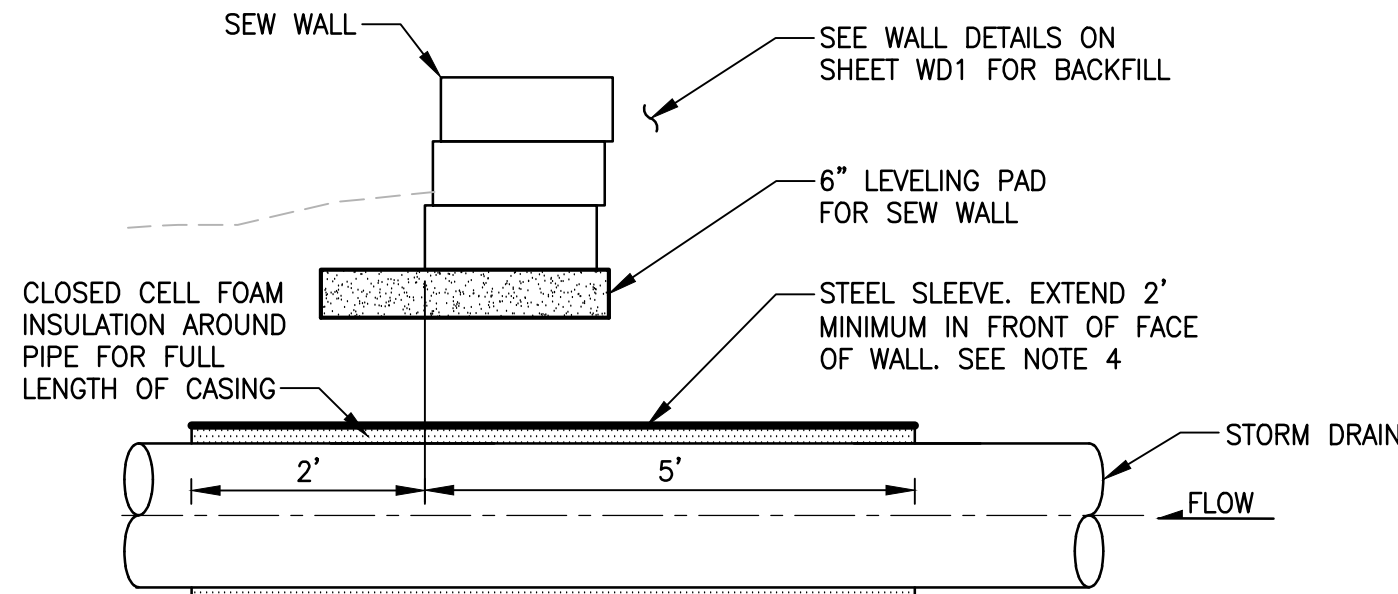
SECTION B - CULVERTS

CONCRETE HEADWALL AND SLEEVE FOR STRUCTURAL EARTH WALL

DETAIL 1

NOT TO SCALE

SECTION C - SLEEVE BELOW WALL



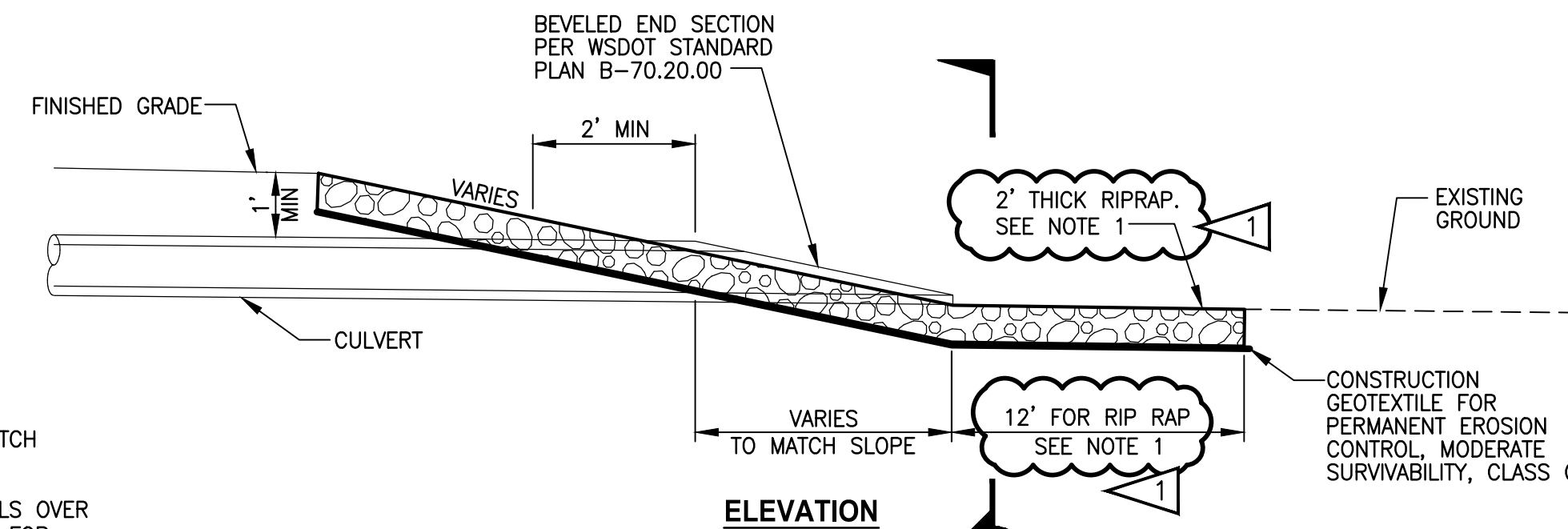
ROCK PAD PLAN VIEW

DETAIL 2

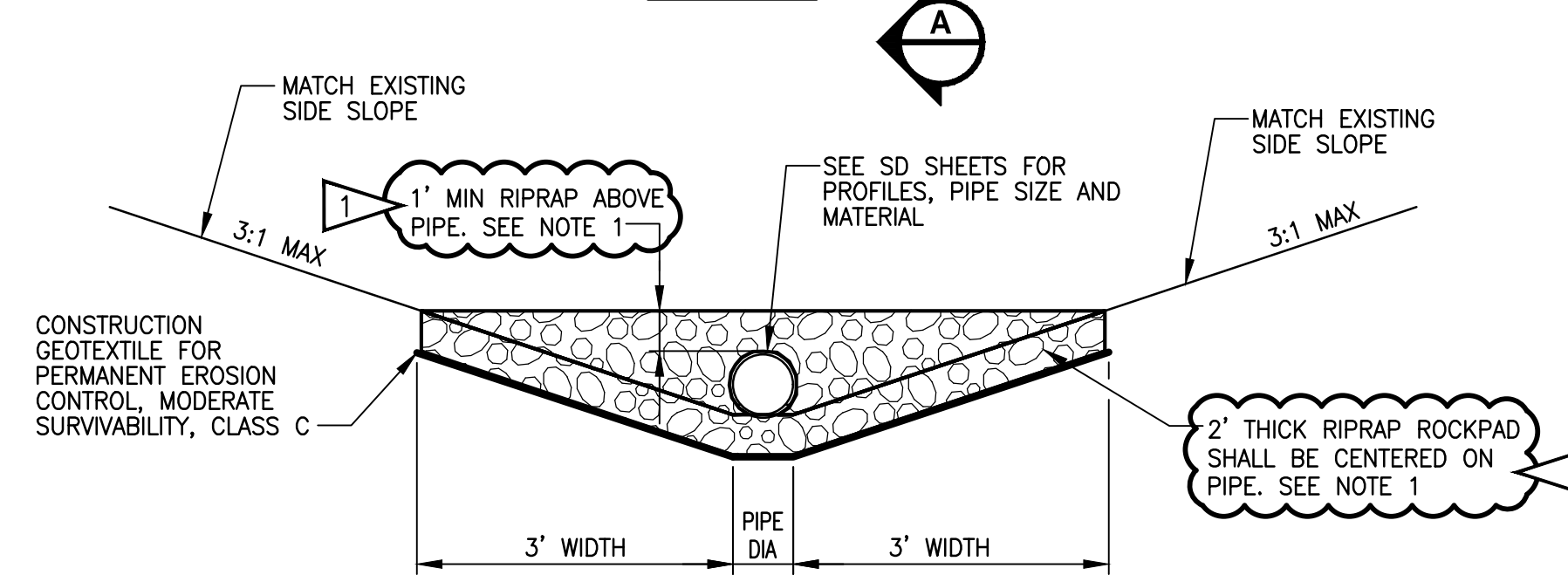
NOT TO SCALE

GENERAL NOTES:

- PROTECT INFILTRATION TRENCHES AND UNDERDRAIN TRENCHES FROM SEDIMENTATION DURING CONSTRUCTION.
- SEE SHEETS CS1 AND CS2 FOR TRAIL HMA AND CRUSHED ROCK BASE THICKNESS.



ELEVATION



SECTION A

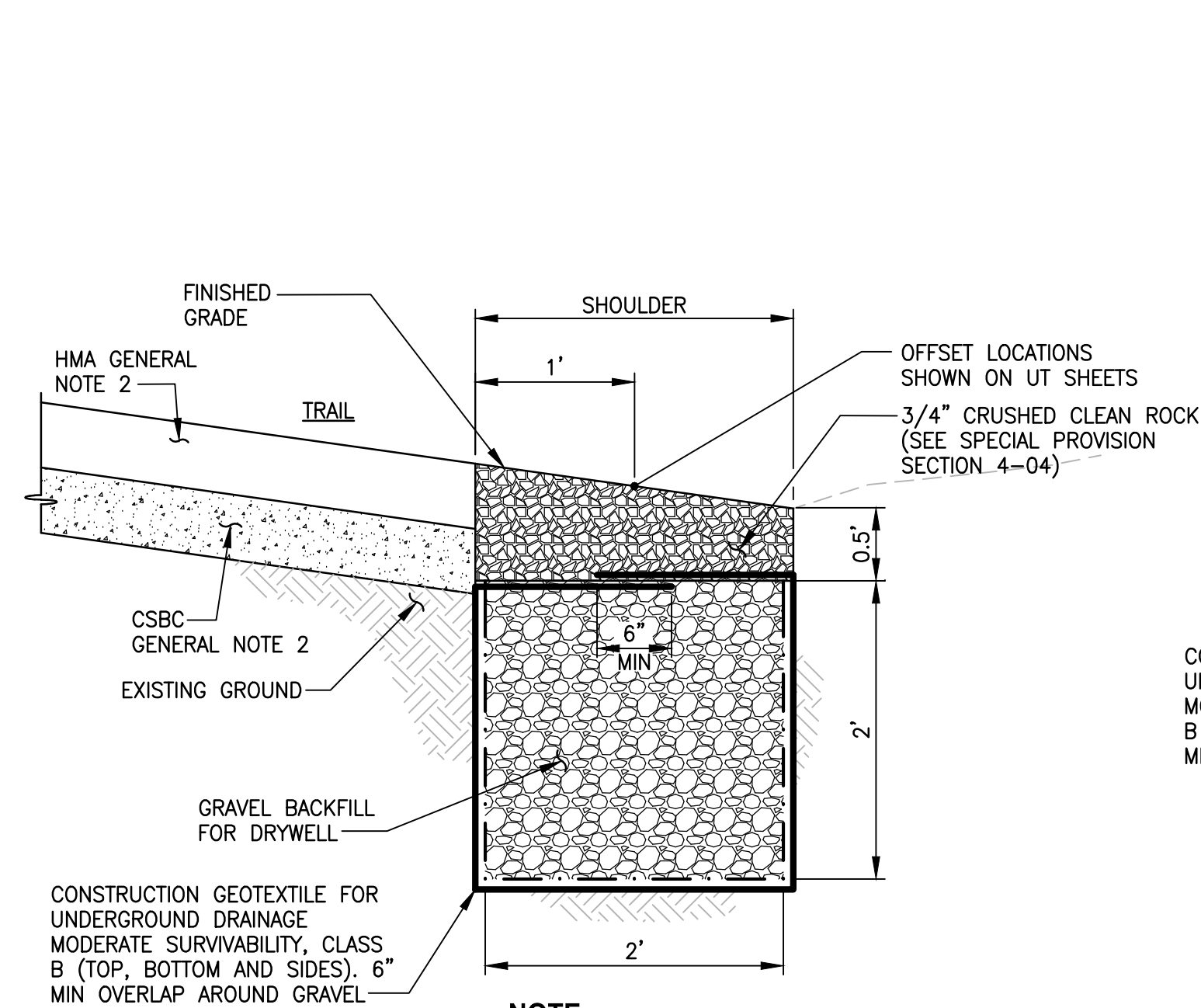
OUTFALL PROTECTION

DETAIL 3

NOT TO SCALE

NOTE:

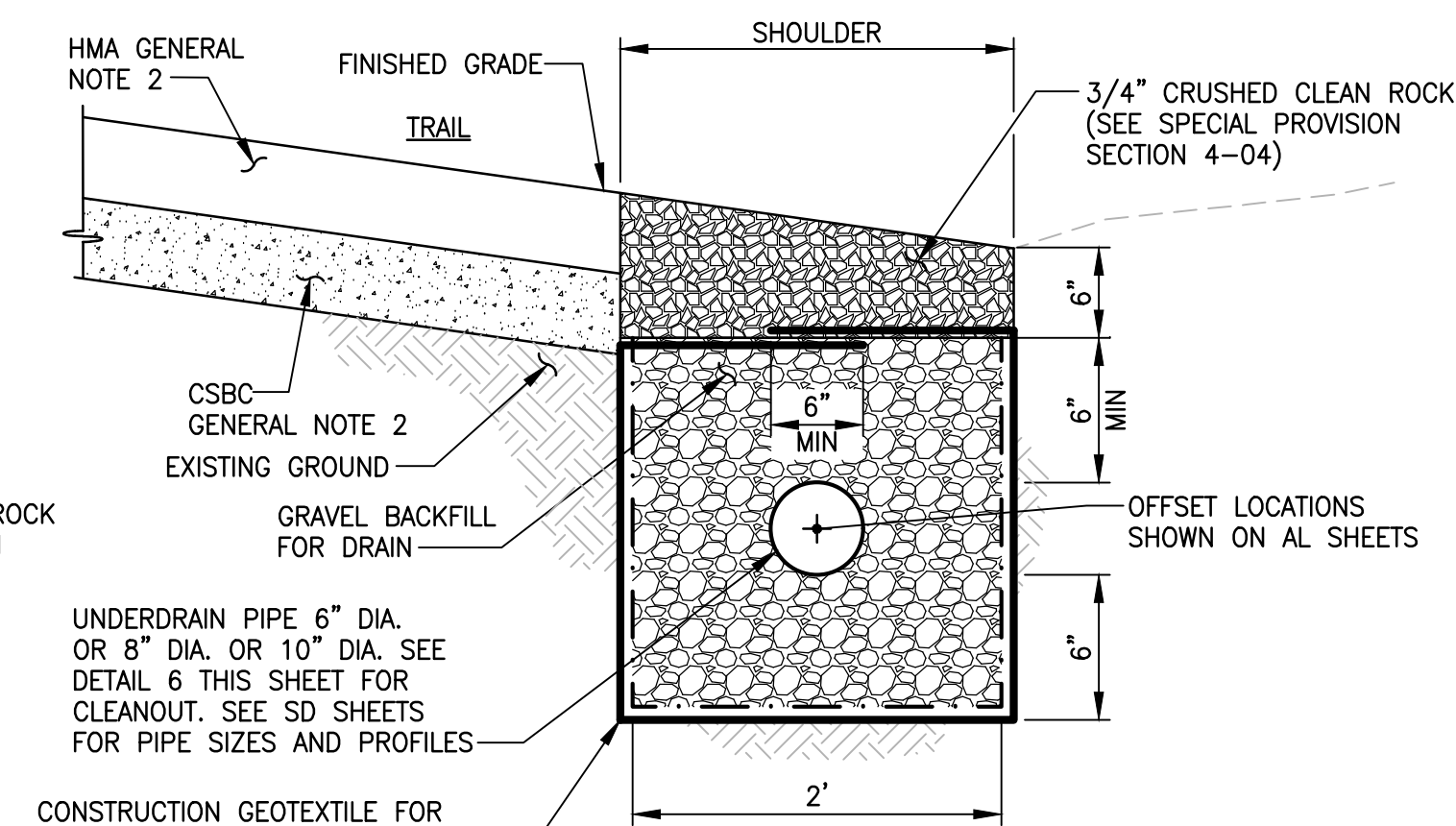
- RIPRAP OUTFALL PROTECTION AT STA 290+02, 308+06, AND 328+64. SEE SHEET SD1 FOR RIPRAP OUTFALL PROTECTION DIMENSIONS AT STA 291+19 AROUND SDM #1.



INFILTRATION TRENCH

DETAIL 4

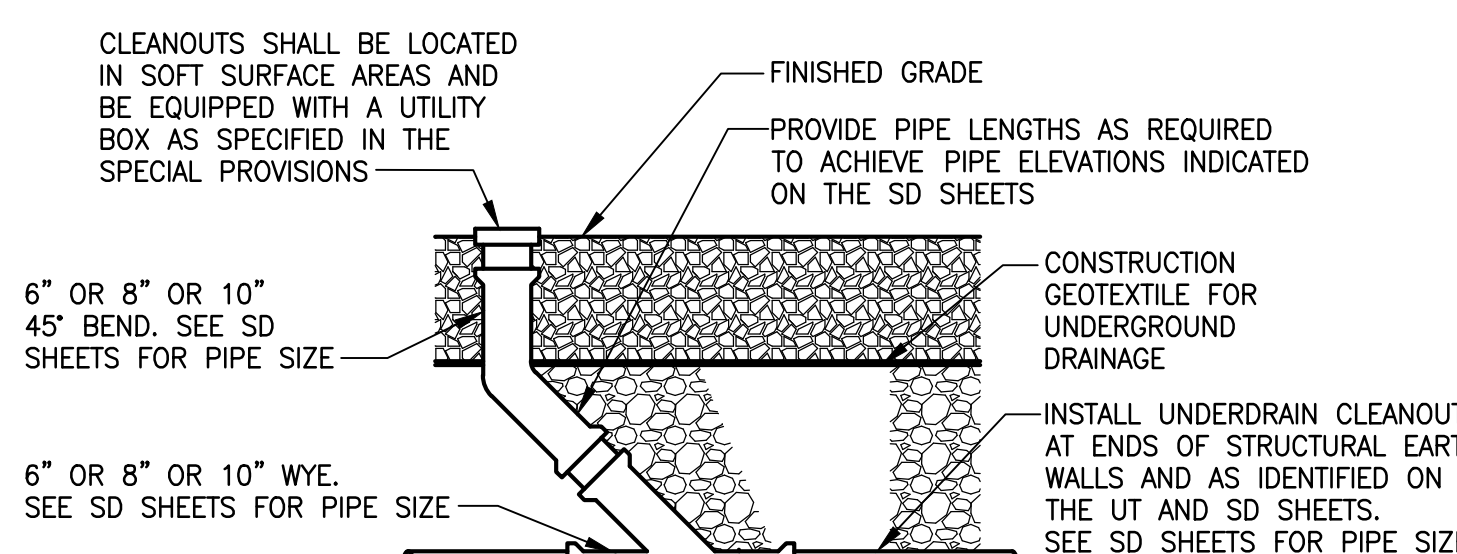
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UNDERDRAIN TRENCH

DETAIL 5

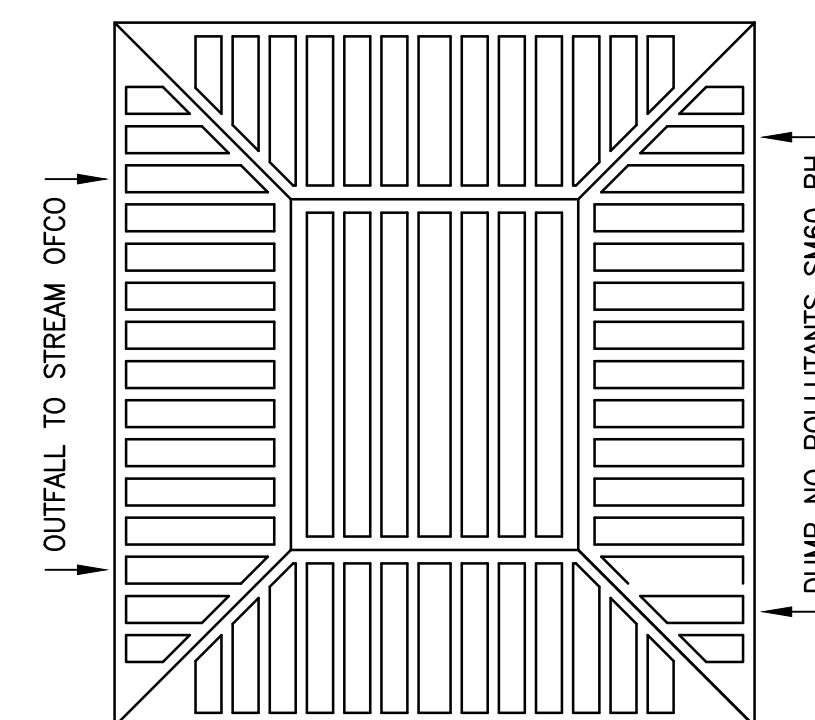
NOT TO SCALE



UNDERDRAIN CLEANOUT

DETAIL 6

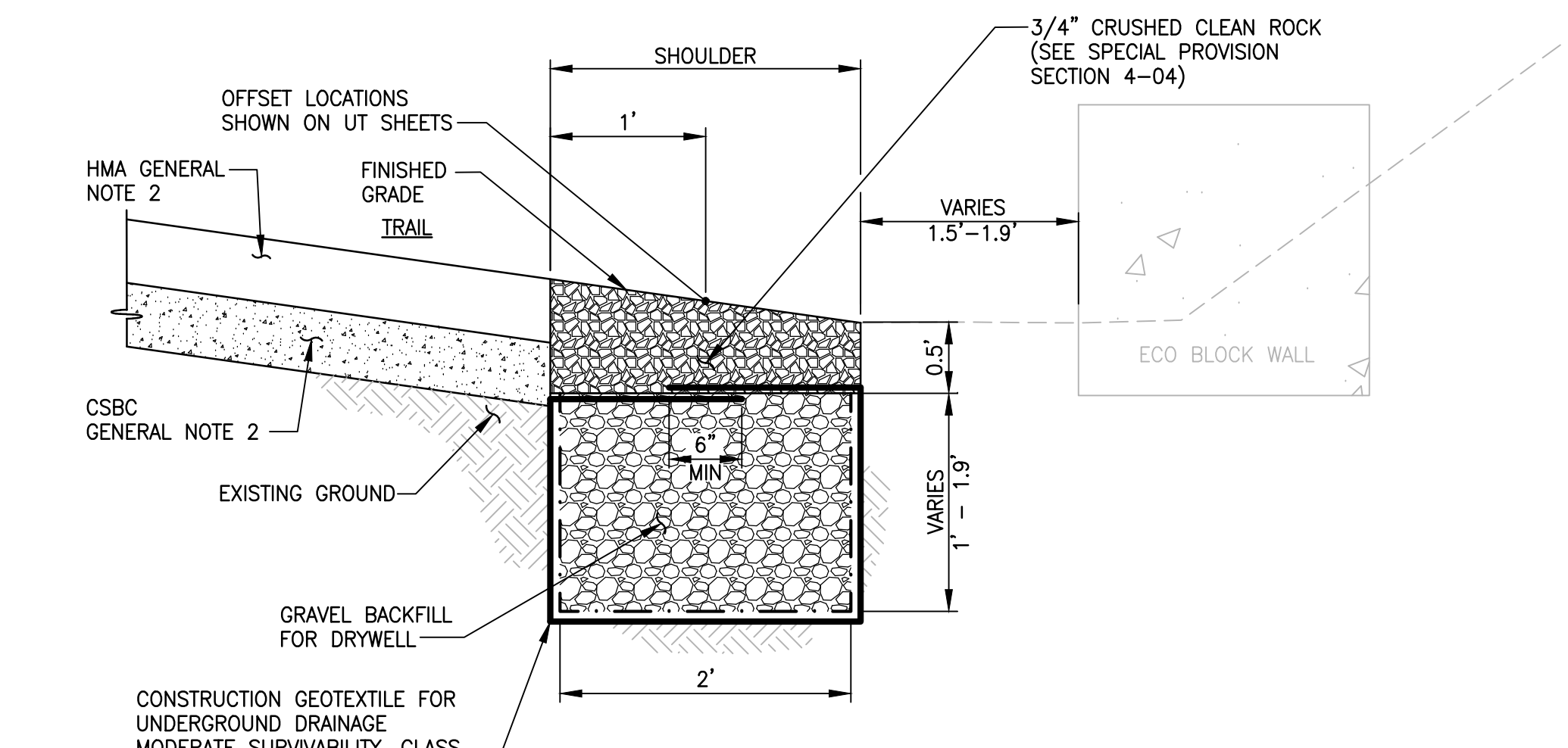
NOT TO SCALE



BEEHIVE GRATE

DETAIL 7

NOT TO SCALE



GRAVEL TRENCH

DETAIL 8

NOT TO SCALE

NOTES:

- BEEHIVE GRATE USED FOR CB TYPE 1 AT STA 361+34 RT. AND STA 436+33 RT. SEE SHEET UT12 AND UT21.
- SEE SPECIAL PROVISIONS FOR BEEHIVE GRATE MATERIAL, MEASUREMENT, AND PAYMENT.

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

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PROJECT NAME

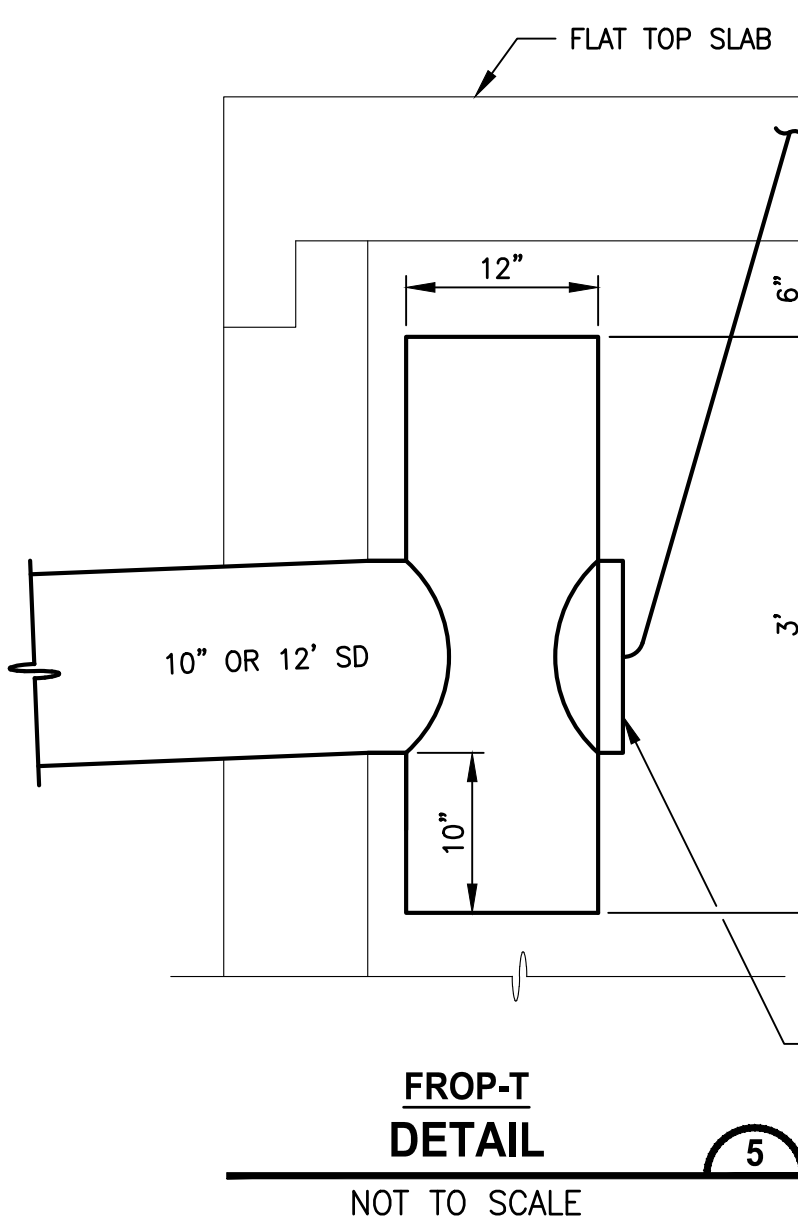
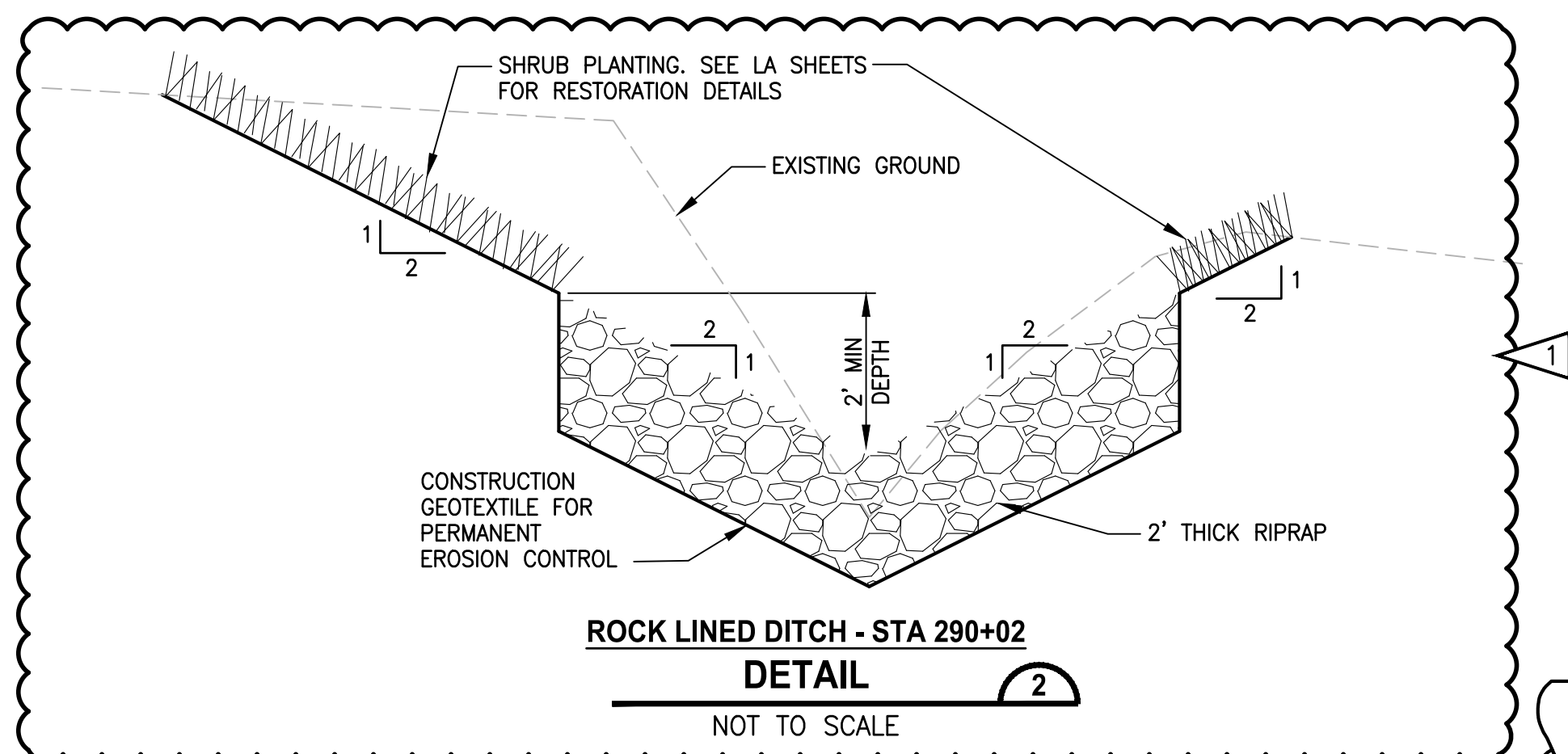
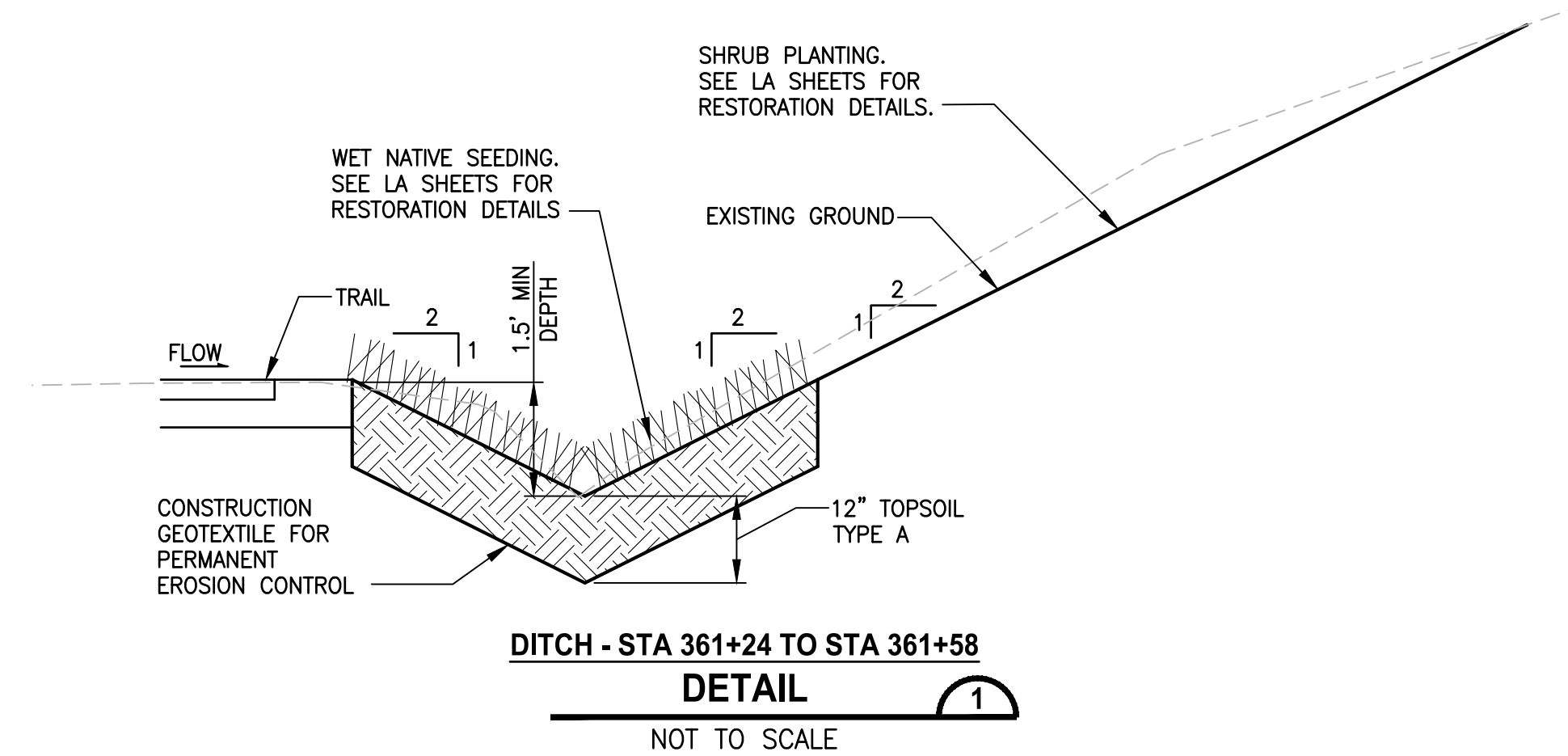
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B - PHASE 1
SAMMAMISH, WA

DRAINAGE DETAILS

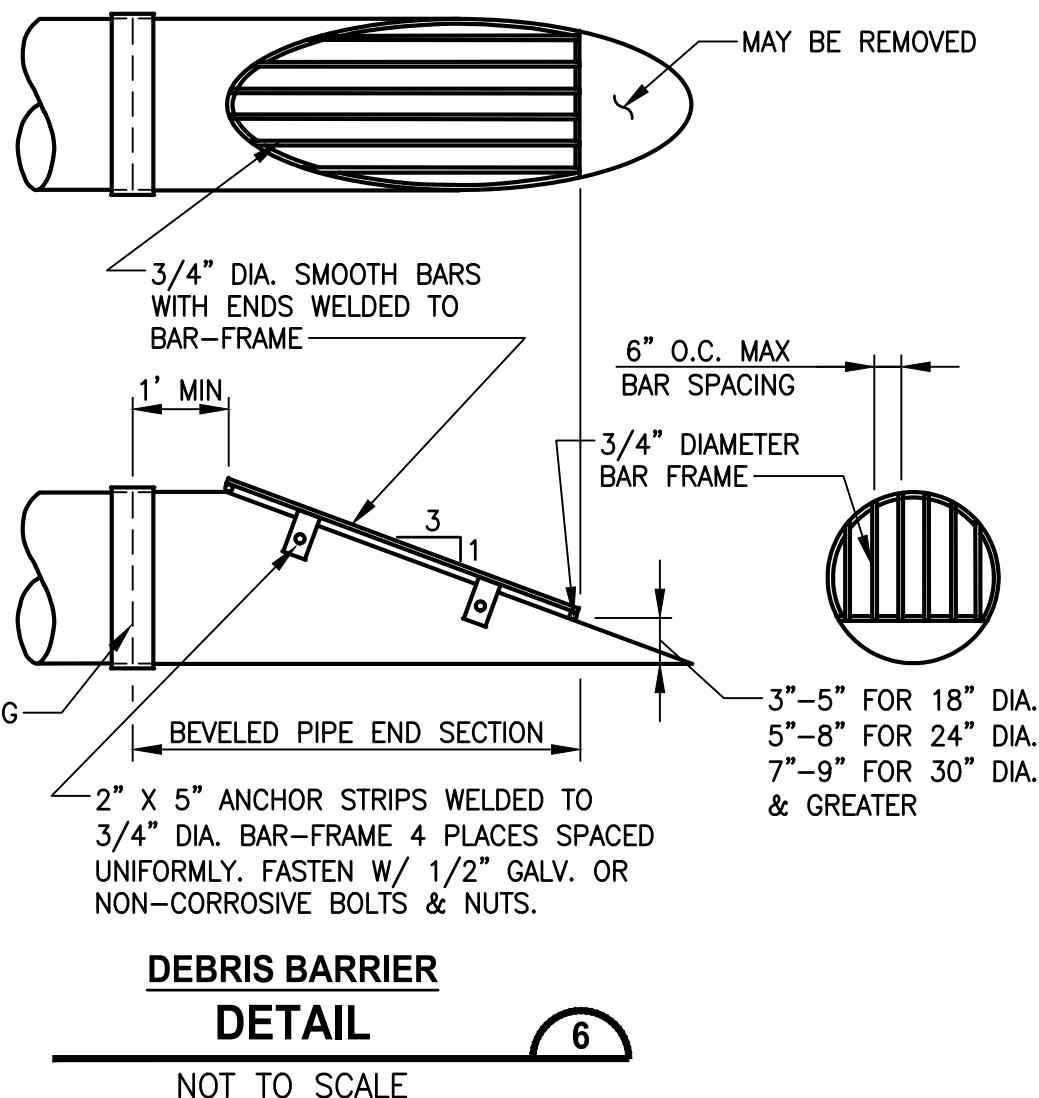
SHEET NO.
91 OF 190

DD1

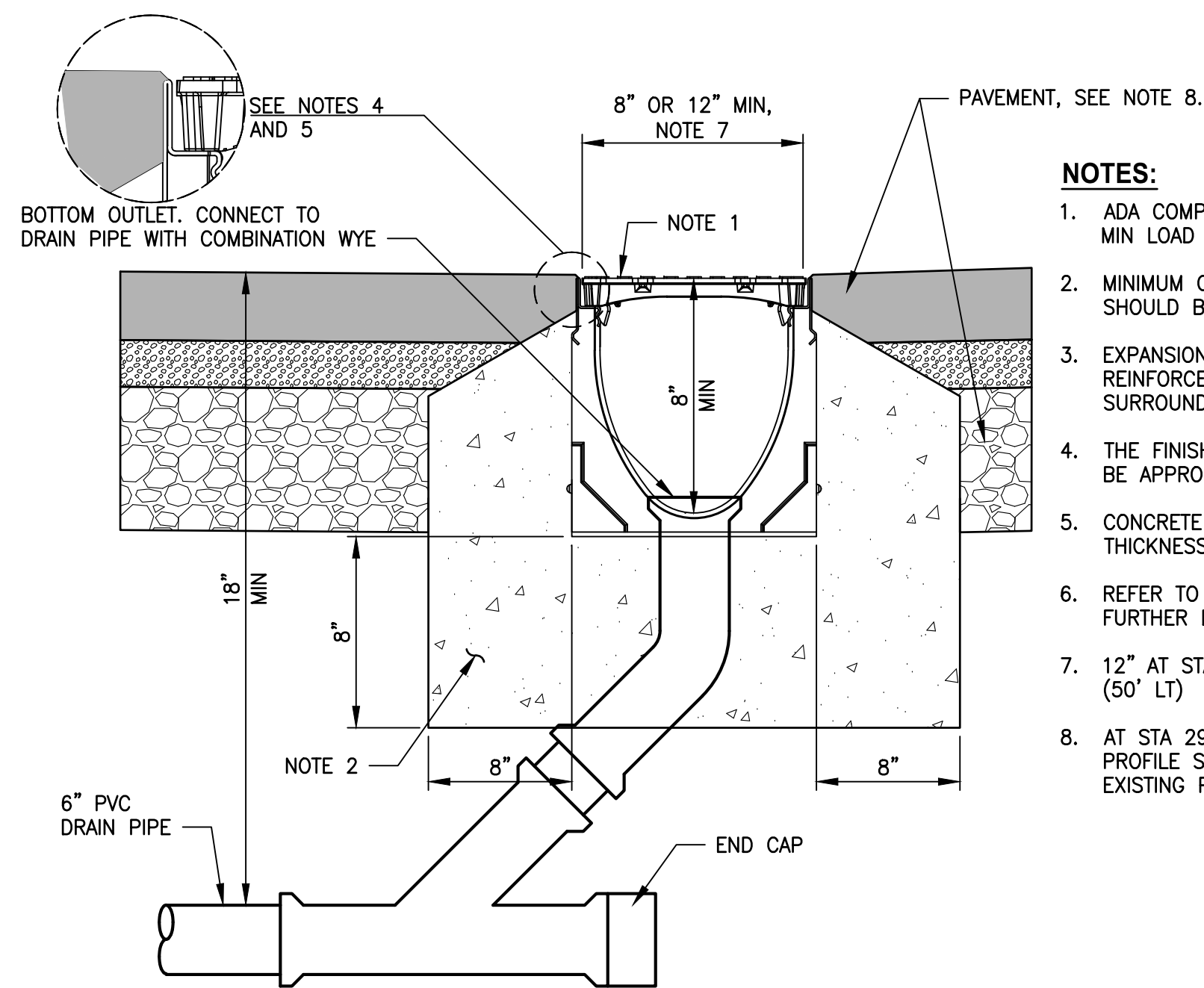
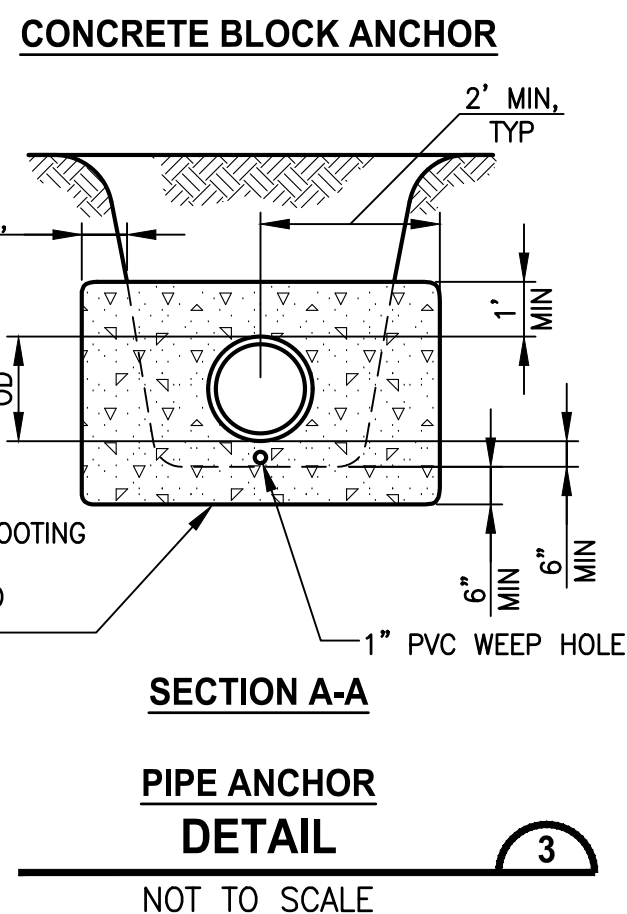
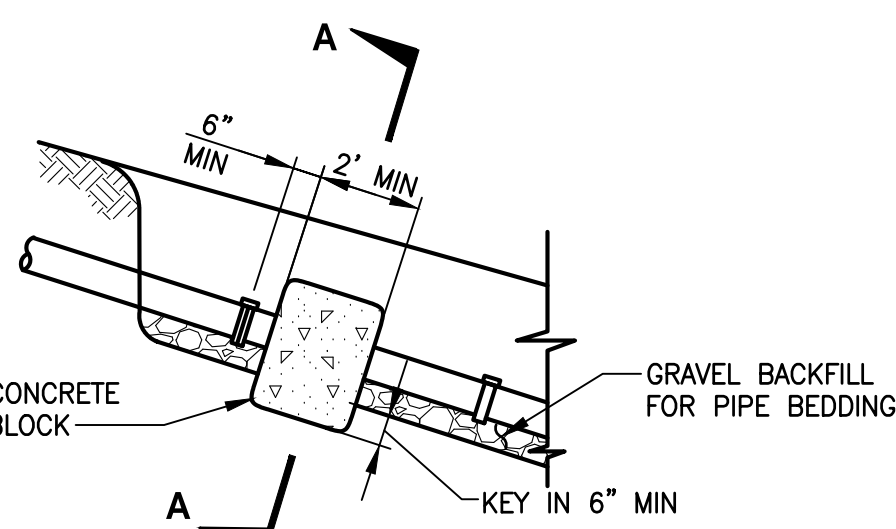
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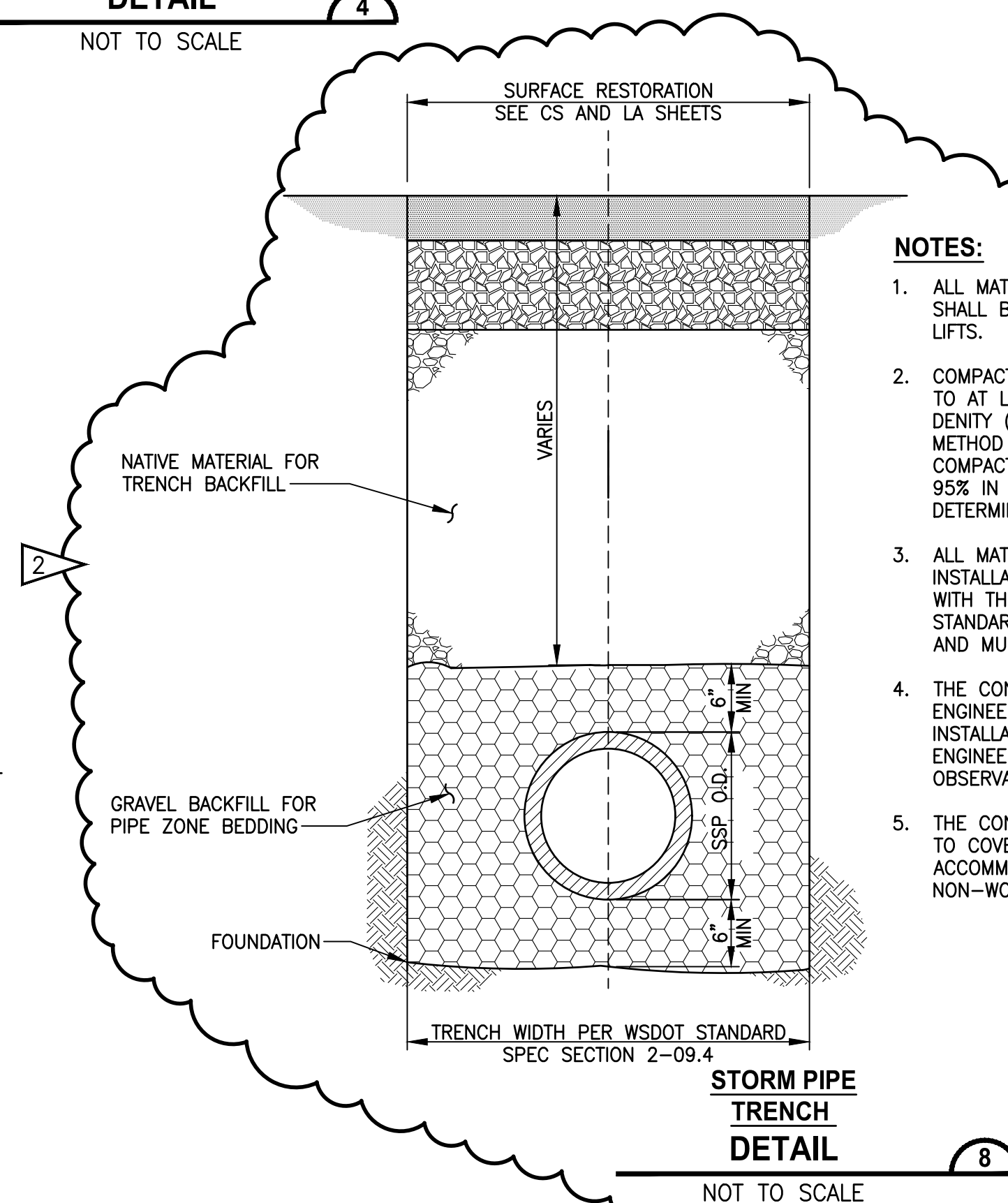
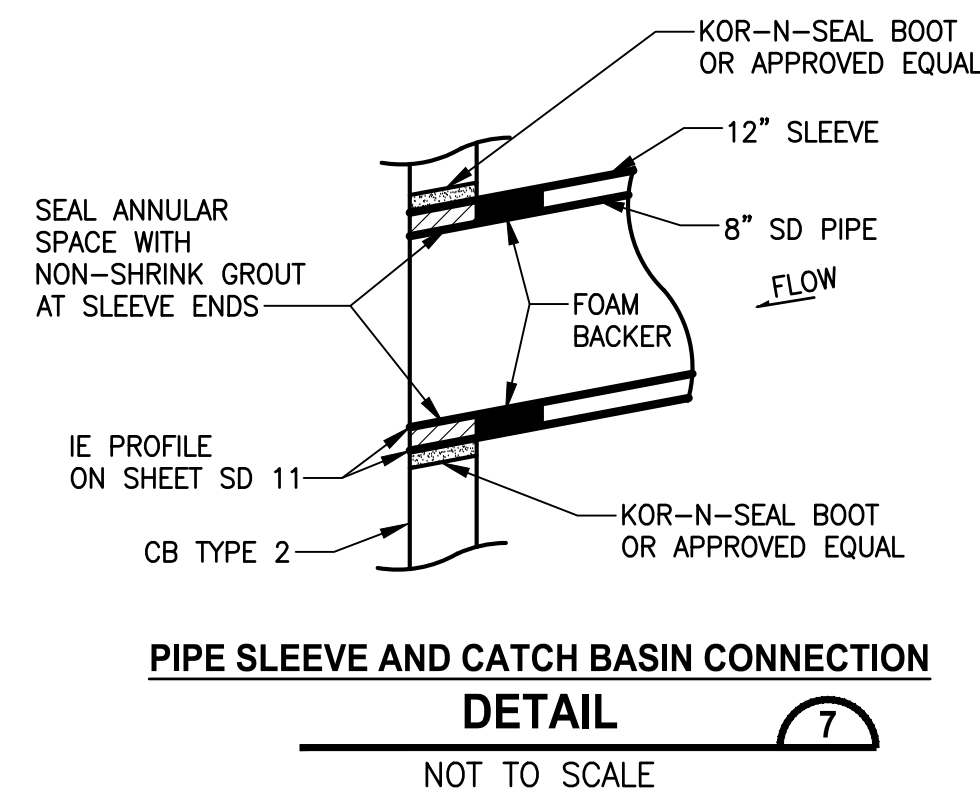
- NOTES:**
1. FROP-T SHALL CONFORM TO RESTRICTOR DETAIL KCRS FIG. 7-025 WITH THE SPECIFIC CHANGES PROVIDED IN THIS DETAIL 5.
 2. FROP-T SHALL NOT HAVE ELBOW RESTRICTORS.
 3. FROP-T SHALL NOT HAVE A RESTRICTOR PLATE ON THE BOTTOM END. THE TOP AND BOTTOM ENDS SHALL BE OPEN.
 4. TOP OF FROP-T SHALL HAVE A MINIMUM OF 6 IN. VERTICAL CLEARANCE FROM INTERIOR OF CATCH BASIN WALL.
 5. PROVIDE AT LEAST ONE 3 X 0.090 GAUGE SUPPORT BRACKET ANCHORED TO THE CONCRETE WALL WITH 5/8 IN. STAINLESS STEEL EXPANSION BOLTS OR EMBEDDED SUPPORTS 2 IN. INTO CATCH BASIN WALL (VERTICAL SPACING).
 6. THE FROP-T SHALL BE FABRICATED FROM 0.060\"/>
 6. FROP-T USED FOR CB TYPE 2 AT STA 361+34 LT.
- SHEAR GATE WITH CONTROL ROD FOR CLEANOUT/DRAIN (ROD BENT AS REQUIRED FOR VERTICAL ALIGNMENT WITH COVER) SEE KCRS FIG. 7-026.



- NOTES:**
1. CMP OR LINED CPE PIPE END-SECTION SHOWN; FOR CONCRETE PIPE BEVELED END SECTION, SEE KCRDCS DRAWING NO. 7-001.
 2. ALL STEEL PARTS MUST BE GALVANIZED AND ASPHALT COATED (TREATMENT 1 OR BETTER).
 3. DEBRIS BARRIER USED FOR B-LINE CULVERTS STA 325+82 RT, STA 364+24 RT, AND STA 367+00 RT.



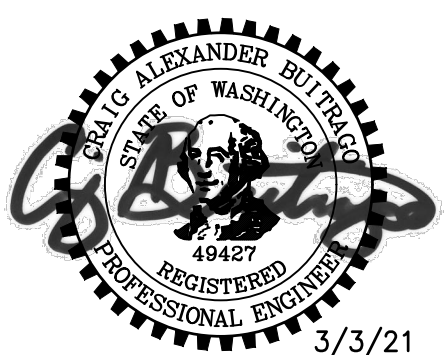
- NOTES:**
1. ADA COMPLIANCE METAL GRATE. MIN LOAD CLASS D, 1,182-1,856 PSI.
 2. MINIMUM CONCRETE STRENGTH OF 4,000 PSI. CONCRETE SHOULD BE VIBRATED TO ELIMINATE AIR POCKETS.
 3. EXPANSION AND CONTRACTION CONTROL JOINTS AND REINFORCEMENT ARE TO PROTECT CHANNEL AND CONCRETE SURROUND.
 4. THE FINISHED LEVEL OF THE CONCRETE SURROUND MUST BE APPROX 1/8\"/>
 5. CONCRETE BASE THICKNESS SHOULD MATCH SLAB THICKNESS.
 6. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS.
 7. 12\"/>
 8. AT STA 298+43 TO 298+74 SEE DRIVEWAY PLAN AND PROFILE SHEET DP1 AND AT STA 361+15 (50' LT) REPLACE EXISTING PAVEMENT PER WSDOT STANDARD SPECIFICATIONS.



- NOTES:**
1. ALL MATERIALS EXCEPT BEDDING MATERIAL SHALL BE COMPACTED IN 6-INCH MAXIMUM LIFTS.
 2. COMPACTION: BEDDING SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY (MDD) AS DETERMINED BY ASTM TEST METHOD D1557. BACKFILL SHALL BE COMPACTED TO 85% IN UNPAVED AREA, AND 95% IN GRAVEL PARKING OR TRAIL AREAS AS DETERMINED BY ASTM D1557.
 3. ALL MATERIALS, WORKMANSHIP, AND INSTALLATION SHALL BE IN CONFORMANCE WITH THE LATEST VERSION OF WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION.
 4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 24 HOURS BEFORE INSTALLATION OF STORM SEWER PIPE. ENGINEER WILL PROVIDE CONSTRUCTION OBSERVATION.
 5. THE CONTRACTOR SHALL USE A STEEL PLATE TO COVER PIPE TRENCH OPENINGS TO ACCOMMODATE LOCAL TRAFFIC DURING NON-WORKING HOURS.

CITY OF SAMMAMISH APPROVAL	
PLANNING DEPT. APPROVAL	CITY OF SAMMAMISH PUBLIC WORKS DEVELOPMENT REVIEW
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PROJECT NAME

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

SAMMAMISH, WA

DRAINAGE DETAILS

SHEET NO.
93 OF 190

DD3