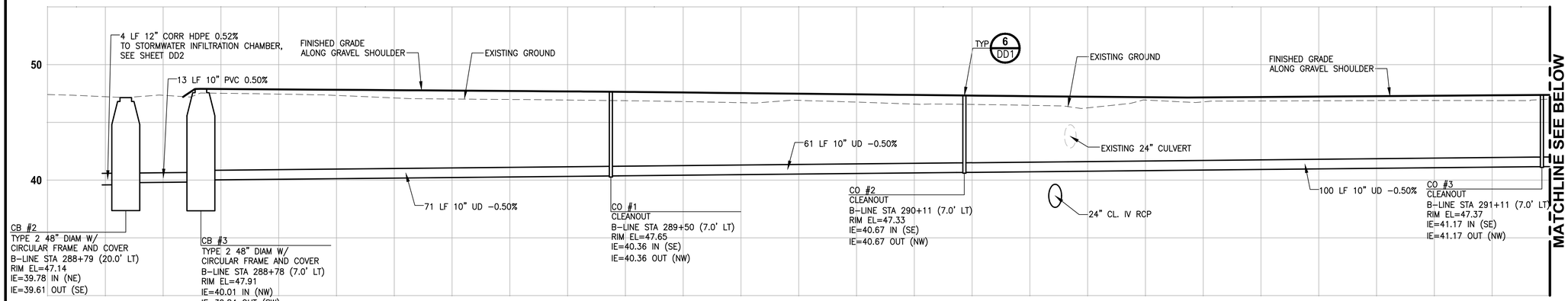
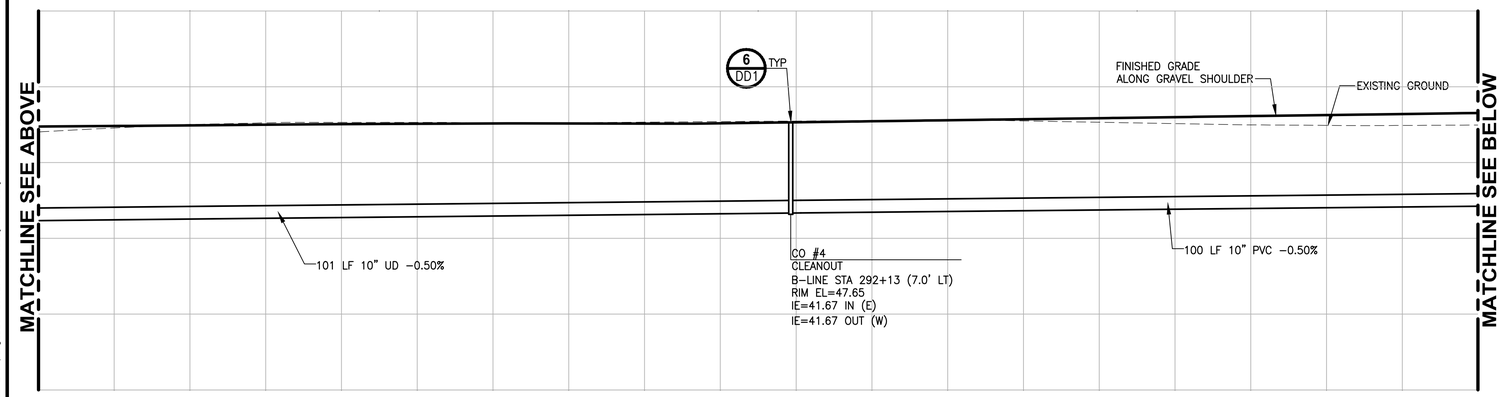


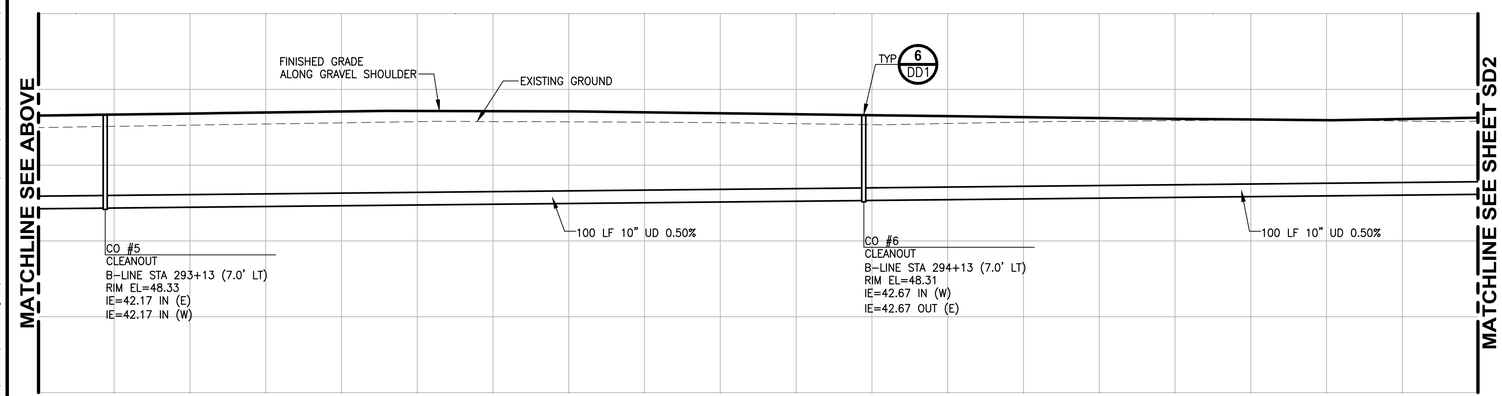
PROFILE B-LINE STA 288+78 TO 304+38

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



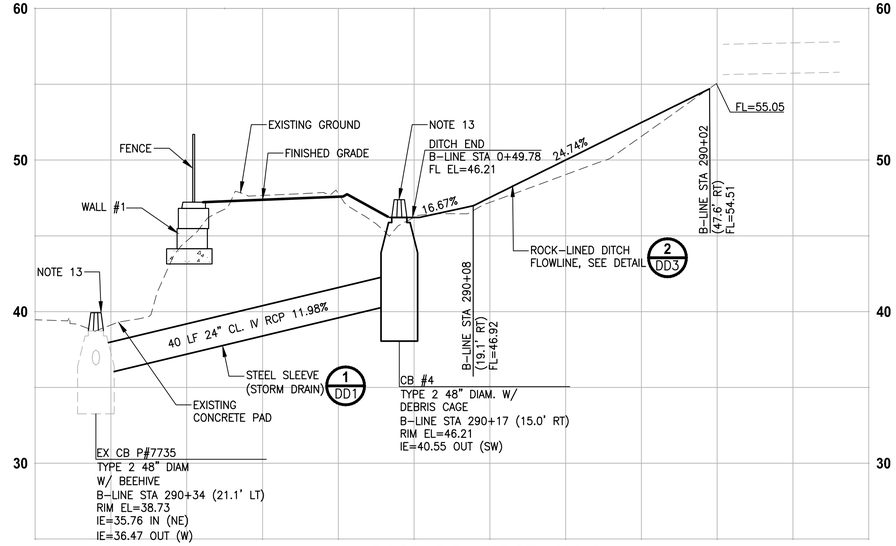
PROFILE B-LINE STA 288+78 TO 304+38

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



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

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



PROFILE B-LINE STA 290+30

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

GENERAL NOTES:

1. CULVERTS IN FILL OR CUT SLOPES SHALL HAVE BEVELED END SECTIONS PER 2016 KCRS FIG. 7-001.
2. STRUCTURE OFFSETS ARE MEASURED TO CENTER OF GRATE.
3. CATCH BASIN TYPE 1 SHALL BE PER 2016 KCRS FIG. 7-003.
4. CATCH BASIN TYPE 2 SHALL BE PER 2016 KCRS FIG. 7-005 AND FIG. 7-006.
5. CIRCULAR FRAME (RING) AND COVER SHALL BE PER 2016 KCRS FIG. 7-022, AND FIG. 7-023.
6. RECTANGULAR SOLID METAL COVER SHALL BE PER 2016 KCRS FIG. 7-014 AND FIG. 7-015.
7. CL IV RCP = CLASS IV REINFORCED CONCRETE STORM SEWER PIPE.
8. CORR HDPE = CORRUGATED HIGH DENSITY POLYETHYLENE STORM SEWER PIPE.
9. RECTANGULAR HERRINGBONE GRATES SHALL BE PER 2016 KCRS FIG. 7-013.
10. NOT USED.
11. CIRCULAR GRATE SHALL BE PER WSDOT STANDARD PLAN B-30.80-01.
12. CONCRETE COLLAR SHALL BE PER WSDOT STANDARD PLAN B-60.20-01.
13. DEBRIS CAGE SHALL BE PER 2016 KCRS FIG. 7-028.
14. UD = UNDERDRAIN TRENCH, UNDERDRAIN PIPE SHALL BE PERFORATED PVC PIPE PER WSDOT STANDARD SPECIFICATION. UNDERDRAIN PIPES ARE SET AT 0.5% SLOPE AVERAGE, CALCULATED PIPE SLOPES BETWEEN CLEANOUTS MAY VARY SLIGHTLY.
15. SPACING BETWEEN EXISTING UTILITY AND NEW STORM STRUCTURE/PIPE SHALL BE 6" MINIMUM. PLACE POLYETHYLENE PAD OF 2' LENGTH & WIDTH BETWEEN UTILITIES.
16. PIPE JOINTS FOR NEW STORM DRAINS AND CULVERTS SHALL BE LOCATED OUTSIDE OF PAVED TRAIL.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED 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 FEBRUARY 2019

CRAIG ALEXANDER BUITRAGO — STATE OF WASHINGTON — 49427 — REGISTERED PROFESSIONAL ENGINEER

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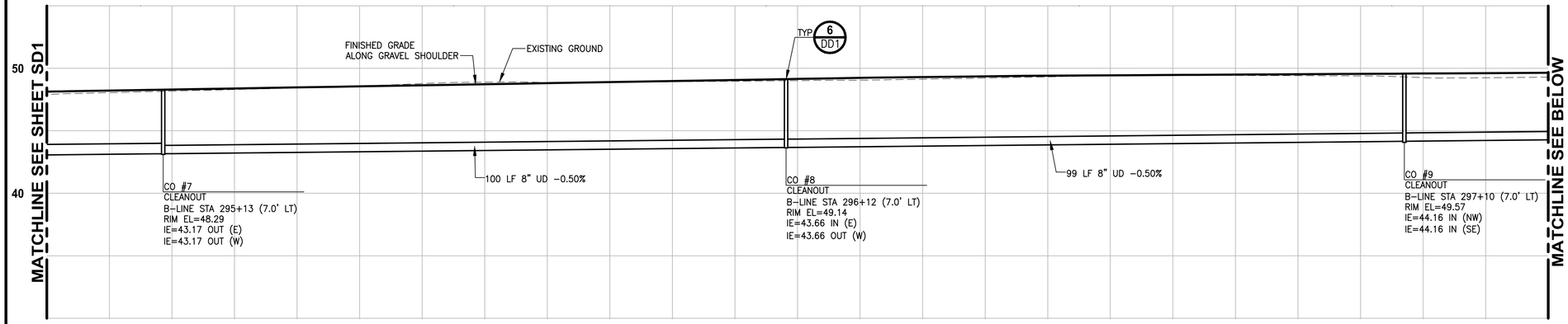
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

STORM DRAIN PROFILES AND SECTIONS

SHEET NO.
144 OF 274

SD1

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 19\T03 Civil\Dwg\
PLOTTED BY: purgabut DATE: Wednesday, February 27, 2019 8:48:21 PM
LAYOUT: SD1



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

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

GENERAL NOTES:

1. CULVERTS IN FILL OR CUT SLOPES SHALL HAVE BEVELED END SECTIONS PER 2016 KCRS FIG. 7-001.
2. STRUCTURE OFFSETS ARE MEASURED TO CENTER OF GRATE.
3. CATCH BASIN TYPE 1 SHALL BE PER 2016 KCRS FIG. 7-003.
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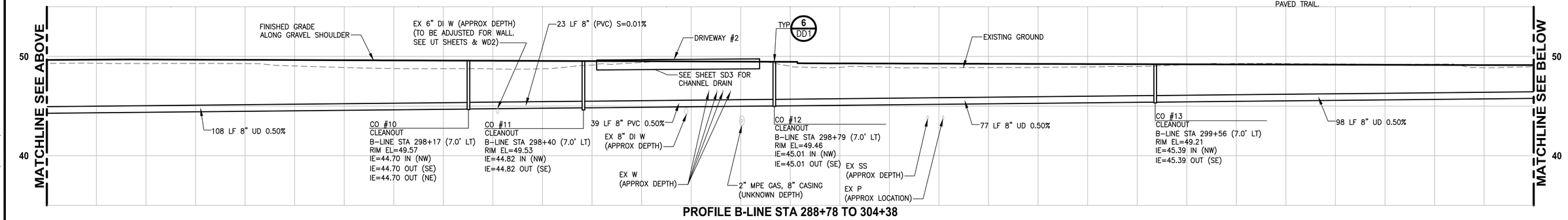
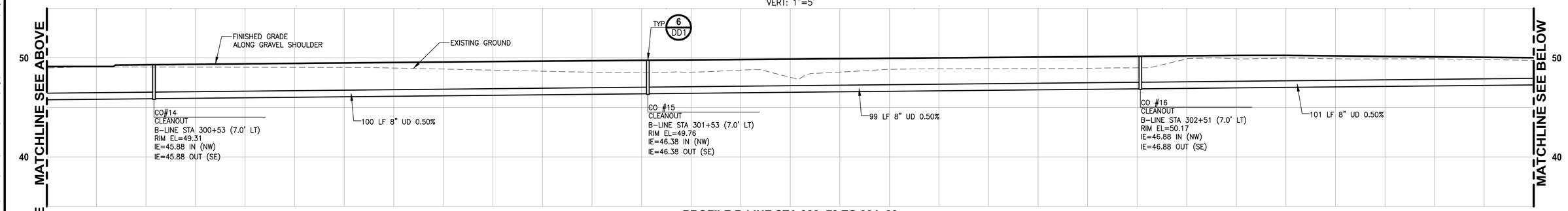
16. PIPE JOINTS FOR NEW STORM DRAINS AND CULVERTS SHALL BE LOCATED OUTSIDE OF PAVED TRAIL.



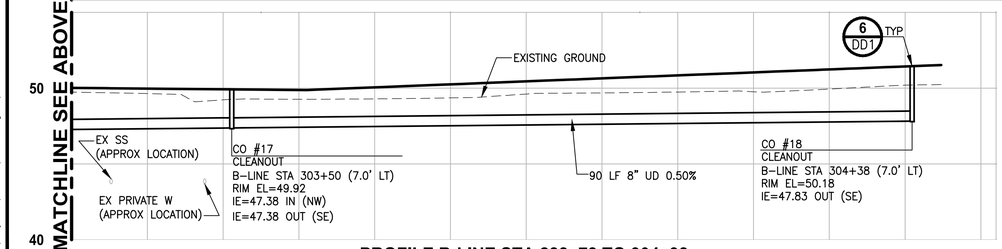
PROFILE B-LINE STA 288+78 TO 304+38

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



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

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



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

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

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

▷	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL1521075P19T03SD-01
JOB No. 554-1521-075 P19 T03
DATE FEBRUARY 2019

PRELIMINARY
CRAIG ALEXANDER BUITRAGO · STATE OF WASHINGTON · 49427 · REGISTERED PROFESSIONAL ENGINEER

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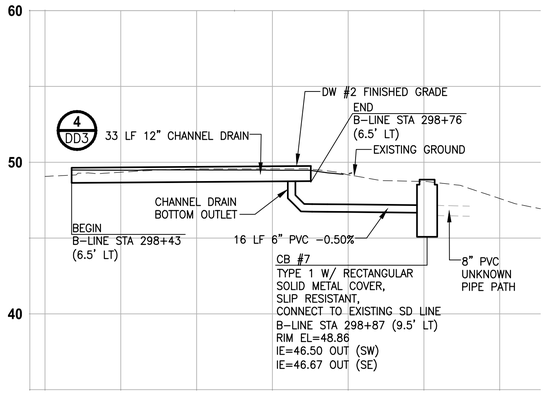
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

STORM DRAIN PROFILES AND SECTIONS

SHEET NO.
145 OF 274

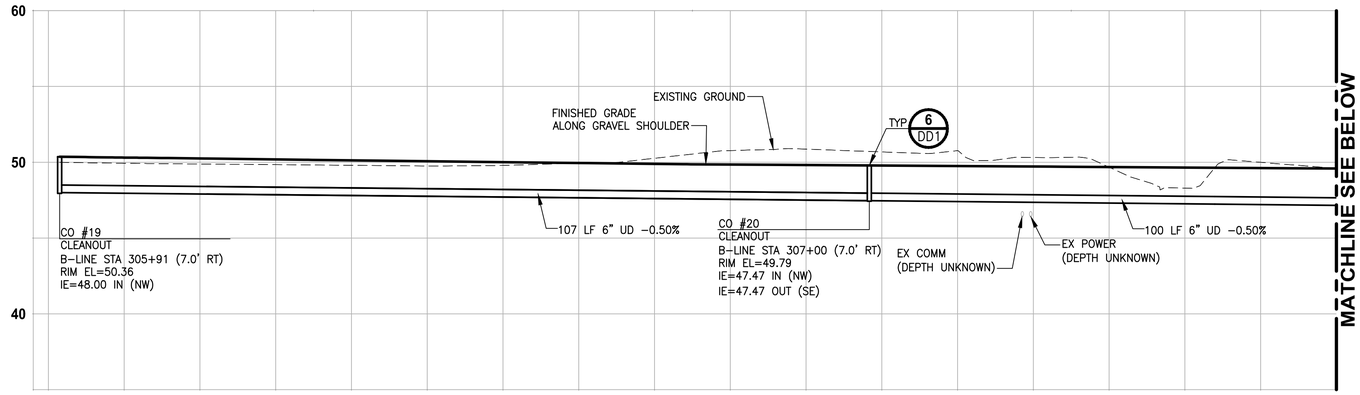
SD2

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\995vce\CADD\Phase 19\T03 Civil\Dwg\
LAYOUT: SD2
PLOTTED BY: purgabut DATE: Wednesday, February 27, 2019 8:48:44 PM



PROFILE B-LINE STA 298+83

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

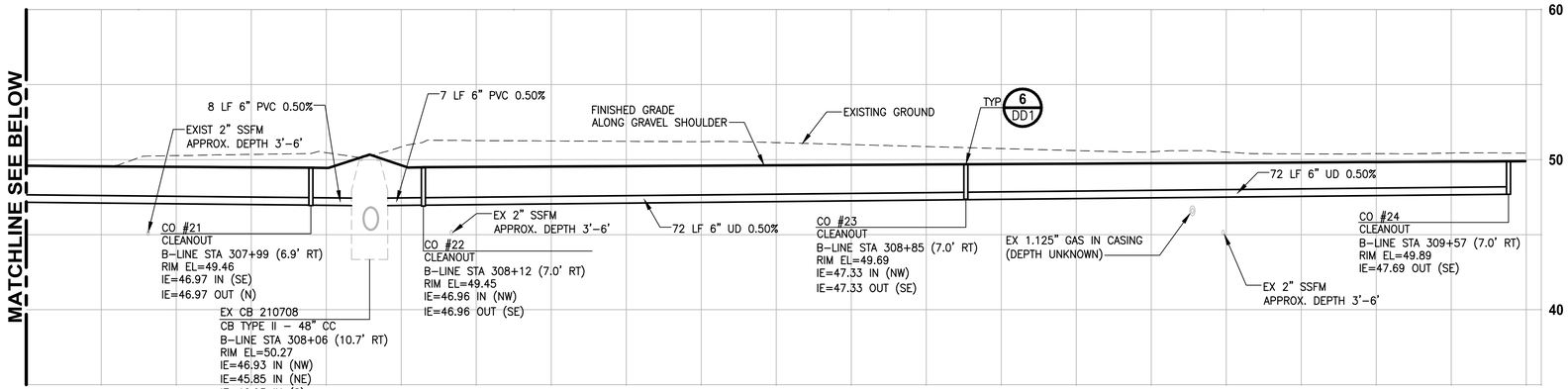


PROFILE B-LINE STA 305+91 TO 309+57

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

GENERAL NOTES:

1. CULVERTS IN FILL OR CUT SLOPES SHALL HAVE BEVELED END SECTIONS PER 2016 KCRS FIG. 7-001.
2. STRUCTURE OFFSETS ARE MEASURED TO CENTER OF GRATE.
3. CATCH BASIN TYPE 1 SHALL BE PER 2016 KCRS FIG. 7-003.
4. CATCH BASIN TYPE 2 SHALL BE PER 2016 KCRS FIG. 7-005 AND FIG. 7-006.
5. CIRCULAR FRAME (RING) AND COVER SHALL BE PER 2016 KCRS FIG. 7-022, AND FIG. 7-023.
6. RECTANGULAR SOLID METAL COVER SHALL BE PER 2016 KCRS FIG. 7-014 AND FIG. 7-015.
7. CL IV RCP = CLASS IV REINFORCED CONCRETE STORM SEWER PIPE.
8. CORR HDPE = CORRUGATED HIGH DENSITY POLYETHYLENE STORM SEWER PIPE.
9. RECTANGULAR HERRINGBONE GRATES SHALL BE PER 2016 KCRS FIG. 7-013.
10. NOT USED.
11. CIRCULAR GRATE SHALL BE PER WSDOT STANDARD PLAN B-30.80-01.
12. CONCRETE COLLAR SHALL BE PER WSDOT STANDARD PLAN B-60.20-01.
13. DEBRIS CAGE SHALL BE PER 2016 KCRS FIG. 7-028.
14. UD = UNDERDRAIN TRENCH, UNDERDRAIN PIPE SHALL BE PERFORATED PVC PIPE PER WSDOT STANDARD SPECIFICATION. UNDERDRAIN PIPES ARE SET AT 0.5% SLOPE AVERAGE, CALCULATED PIPE SLOPES BETWEEN CLEANOUTS MAY VARY SLIGHTLY.
15. SPACING BETWEEN EXISTING UTILITY AND NEW STORM STRUCTURE/PIPE SHALL BE 6" MINIMUM. PLACE POLYETHYLENE PAD OF 2' LENGTH & WIDTH BETWEEN UTILITIES.
16. PIPE JOINTS FOR NEW STORM DRAINS AND CULVERTS SHALL BE LOCATED OUTSIDE OF PAVED TRAIL.



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

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

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED 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 FEBRUARY 2019

CRAIG ALEXANDER BUITRAGO · STATE OF WASHINGTON · 49427 · REGISTERED PROFESSIONAL ENGINEER

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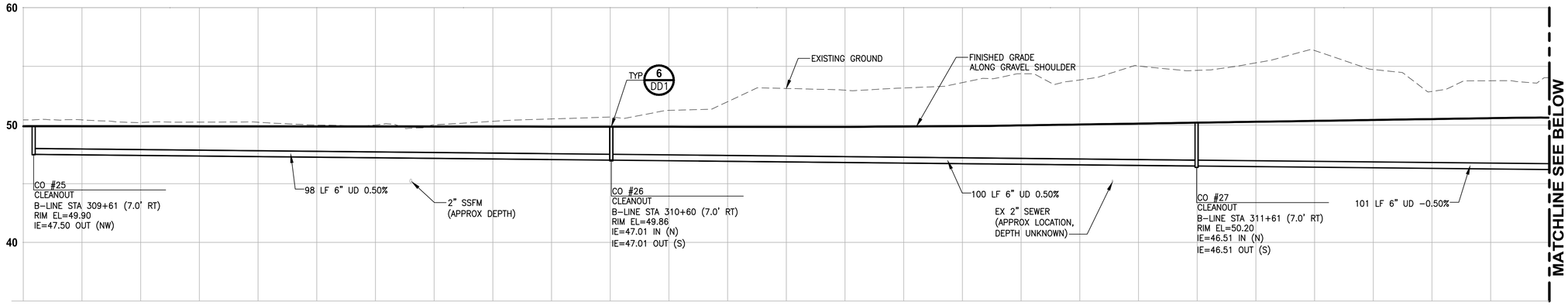
WWW.PARAMETRIX.COM

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

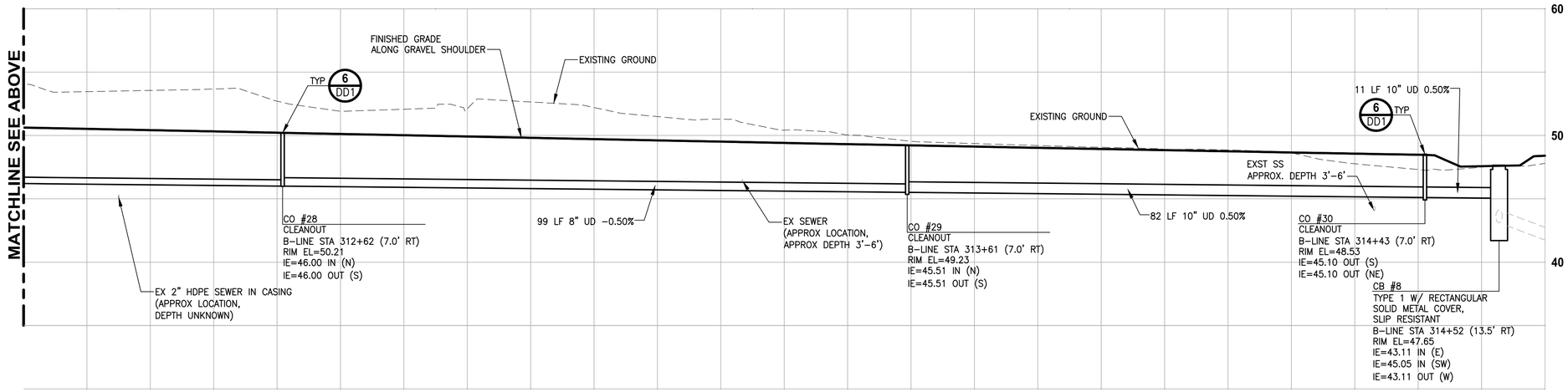
STORM DRAIN PROFILES AND SECTIONS

SHEET NO. 146 OF 274
SD3



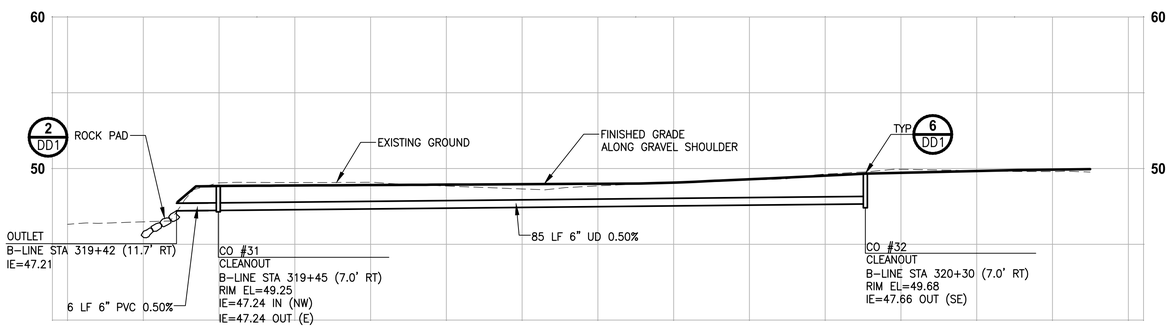
PROFILE B-LINE STA 309+61 TO 314+52

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



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'

GENERAL NOTES:

1. CULVERTS IN FILL OR CUT SLOPES SHALL HAVE BEVELED END SECTIONS PER 2016 KCRS FIG. 7-001.
2. STRUCTURE OFFSETS ARE MEASURED TO CENTER OF GRATE.
3. CATCH BASIN TYPE 1 SHALL BE PER 2016 KCRS FIG. 7-003.
4. CATCH BASIN TYPE 2 SHALL BE PER 2016 KCRS FIG. 7-005 AND FIG. 7-006.
5. CIRCULAR FRAME (RING) AND COVER SHALL BE PER 2016 KCRS FIG. 7-022, AND FIG. 7-023.
6. RECTANGULAR SOLID METAL COVER SHALL BE PER 2016 KCRS FIG. 7-014 AND FIG. 7-015.
7. CL IV RCP = CLASS IV REINFORCED CONCRETE STORM SEWER PIPE.
8. CORR HDPE = CORRUGATED HIGH DENSITY POLYETHYLENE STORM SEWER PIPE.
9. RECTANGULAR HERRINGBONE GRATES SHALL BE PER 2016 KCRS FIG. 7-013.
10. NOT USED.
11. CIRCULAR GRATE SHALL BE PER WSDOT STANDARD PLAN B-30.80-01.
12. CONCRETE COLLAR SHALL BE PER WSDOT STANDARD PLAN B-60.20-01.
13. DEBRIS CAGE SHALL BE PER 2016 KCRS FIG. 7-028.
14. UD = UNDERDRAIN TRENCH, UNDERDRAIN PIPE SHALL BE PERFORATED PVC PIPE PER WSDOT STANDARD SPECIFICATION. UNDERDRAIN PIPES ARE SET AT 0.5% SLOPE AVERAGE, CALCULATED PIPE SLOPES BETWEEN CLEANOUTS MAY VARY SLIGHTLY.
15. SPACING BETWEEN EXISTING UTILITY AND NEW STORM STRUCTURE/PIPE SHALL BE 6" MINIMUM. PLACE POLYETHYLENE PAD OF 2' LENGTH & WIDTH BETWEEN UTILITIES.
16. PIPE JOINTS FOR NEW STORM DRAINS AND CULVERTS SHALL BE LOCATED OUTSIDE OF PAVED TRAIL.

CITY OF SAMMAMISH APPROVAL

City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

BLT321675P19T03SD-01

JOB No. 554-1521-075 P19 T03
DATE FEBRUARY 2019

CRAIG ALEXANDER BUITRAGO — STATE OF WASHINGTON — 49427 — REGISTERED PROFESSIONAL ENGINEER

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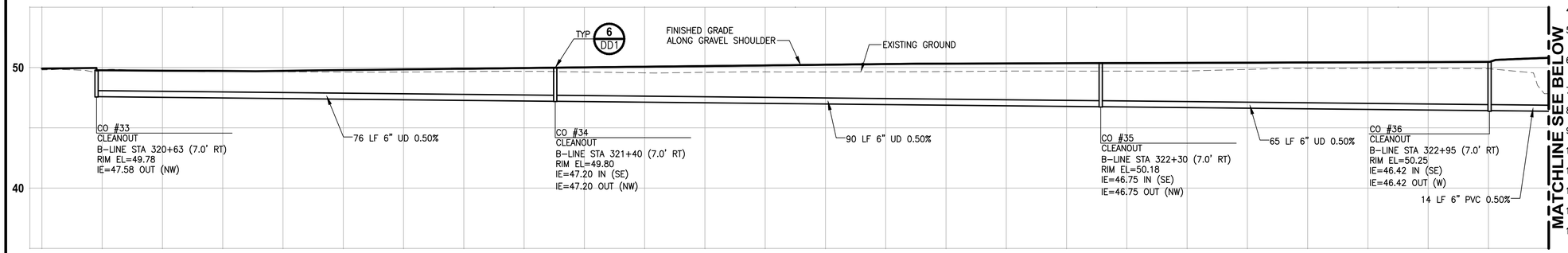
WWW.PARAMETRIX.COM

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

STORM DRAIN PROFILES AND SECTIONS

SHEET NO. 147 OF 274
SD4



PROFILE B-LINE STA 320+63 TO 328+64

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

GENERAL NOTES:

1. CULVERTS IN FILL OR CUT SLOPES SHALL HAVE BEVELED END SECTIONS PER 2016 KCRS FIG. 7-001.
2. STRUCTURE OFFSETS ARE MEASURED TO CENTER OF GRATE.
3. CATCH BASIN TYPE 1 SHALL BE PER 2016 KCRS FIG. 7-003.
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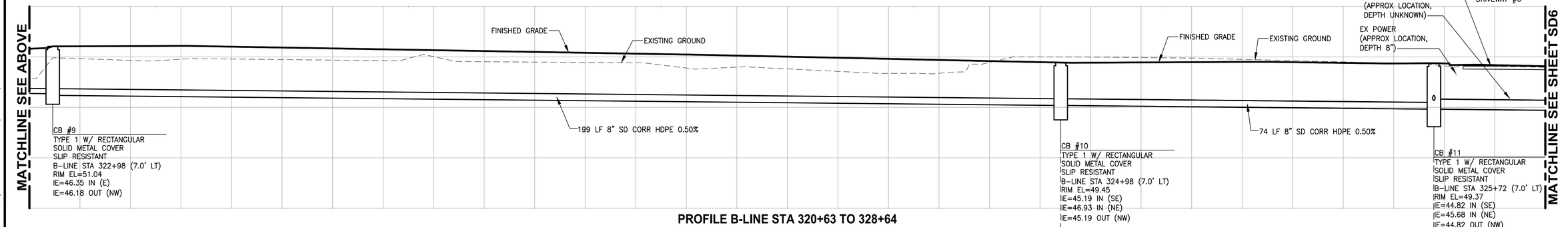
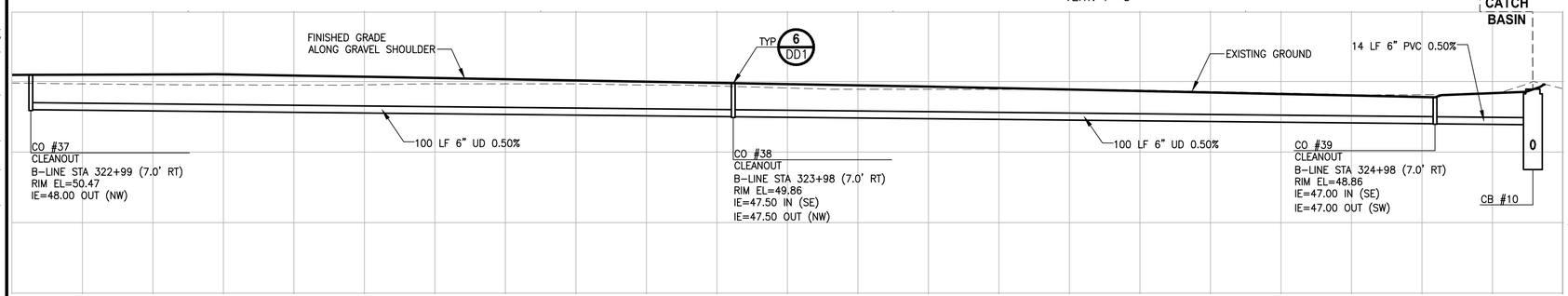


PROFILE B-LINE STA 320+63 TO 328+64

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

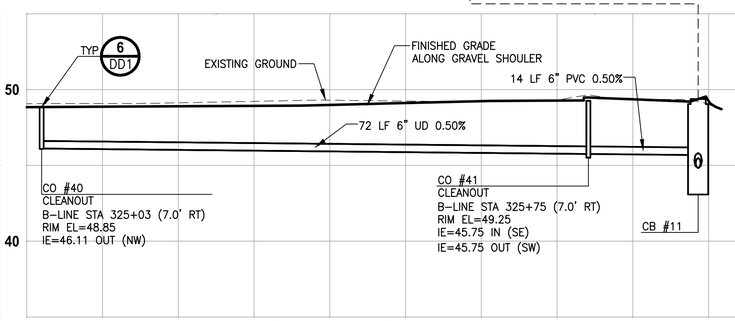
SAME CATCH BASIN

SAME CATCH BASIN



PROFILE B-LINE STA 322+99 TO 324+99

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



PROFILE B-LINE STA 325+03 TO 325+75

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

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED 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 FEBRUARY 2019

CRAIG ALEXANDER BUITRAGO — STATE OF WASHINGTON — 49427 — REGISTERED PROFESSIONAL ENGINEER
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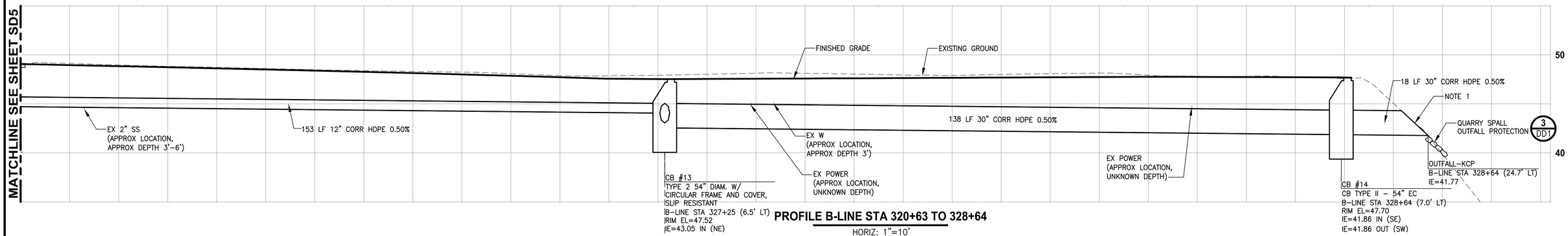
WWW.PARAMETRIX.COM

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

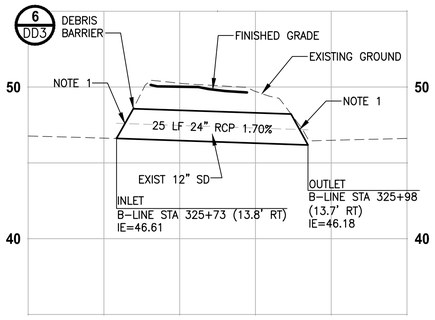
STORM DRAIN PROFILES AND SECTIONS

SHEET NO. 148 OF 274
SD5



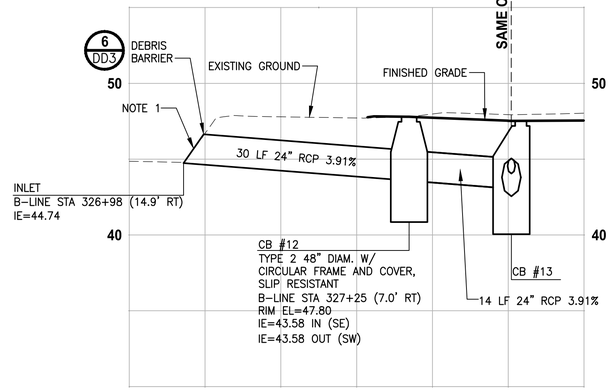
PROFILE B-LINE STA 320+63 TO 328+64

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



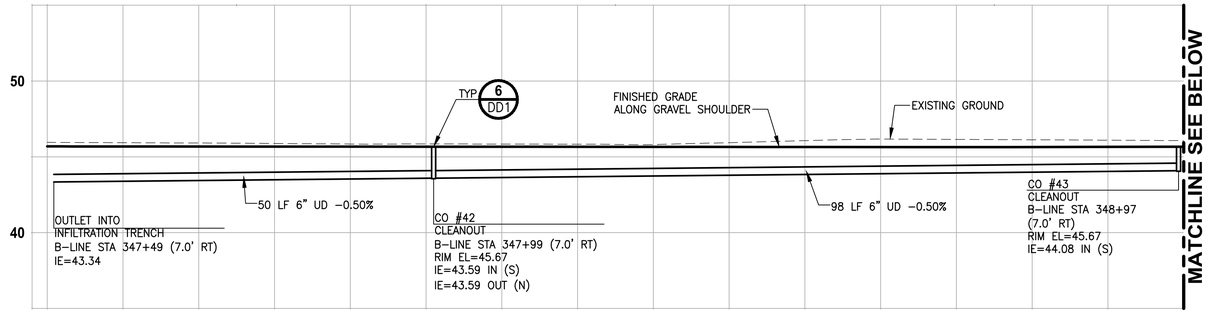
PROFILE B-LINE STA 325+82

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



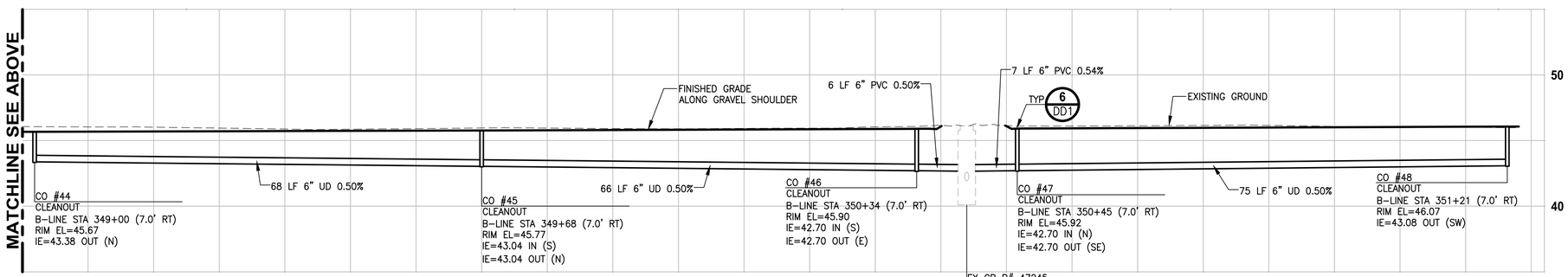
PROFILE B-LINE STA 326+98 TO 327+37

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



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

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



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

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

GENERAL NOTES:

1. CULVERTS IN FILL OR CUT SLOPES SHALL HAVE BEVELED END SECTIONS PER 2016 KCRS FIG. 7-001.
2. STRUCTURE OFFSETS ARE MEASURED TO CENTER OF GRATE.
3. CATCH BASIN TYPE 1 SHALL BE PER 2016 KCRS FIG. 7-003.
4. CATCH BASIN TYPE 2 SHALL BE PER 2016 KCRS FIG. 7-005 AND FIG. 7-006.
5. CIRCULAR FRAME (RING) AND COVER SHALL BE PER 2016 KCRS FIG. 7-022, AND FIG. 7-023.
6. RECTANGULAR SOLID METAL COVER SHALL BE PER 2016 KCRS FIG. 7-014 AND FIG. 7-015.
7. CL IV RCP = CLASS IV REINFORCED CONCRETE STORM SEWER PIPE.
8. CORR HDPE = CORRUGATED HIGH DENSITY POLYETHYLENE STORM SEWER PIPE.
9. RECTANGULAR HERRINGBONE GRATES SHALL BE PER 2016 KCRS FIG. 7-013.
10. NOT USED.
11. CIRCULAR GRATE SHALL BE PER WSDOT STANDARD PLAN B-30.80-01.
12. CONCRETE COLLAR SHALL BE PER WSDOT STANDARD PLAN B-60.20-01.
13. DEBRIS CAGE SHALL BE PER 2016 KCRS FIG. 7-028.
14. UD = UNDERDRAIN TRENCH, UNDERDRAIN PIPE SHALL BE PERFORATED PVC PIPE PER WSDOT STANDARD SPECIFICATION. UNDERDRAIN PIPES ARE SET AT 0.5% SLOPE AVERAGE, CALCULATED PIPE SLOPES BETWEEN CLEANOUTS MAY VARY SLIGHTLY.
15. SPACING BETWEEN EXISTING UTILITY AND NEW STORM STRUCTURE/PIPE SHALL BE 6" MINIMUM. PLACE POLYETHYLENE PAD OF 2' LENGTH & WIDTH BETWEEN UTILITIES.
16. PIPE JOINTS FOR NEW STORM DRAINS AND CULVERTS SHALL BE LOCATED OUTSIDE OF PAVED TRAIL.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED 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 FEBRUARY 2019

CRAIG ALEXANDER BUITRAGO · STATE OF WASHINGTON · 49427 · REGISTERED PROFESSIONAL ENGINEER

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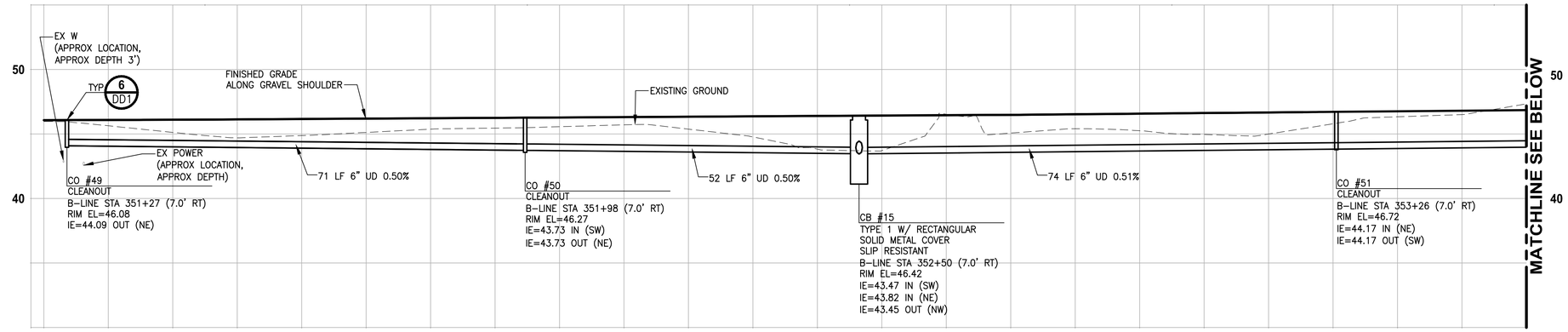
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

STORM DRAIN PROFILES AND SECTIONS

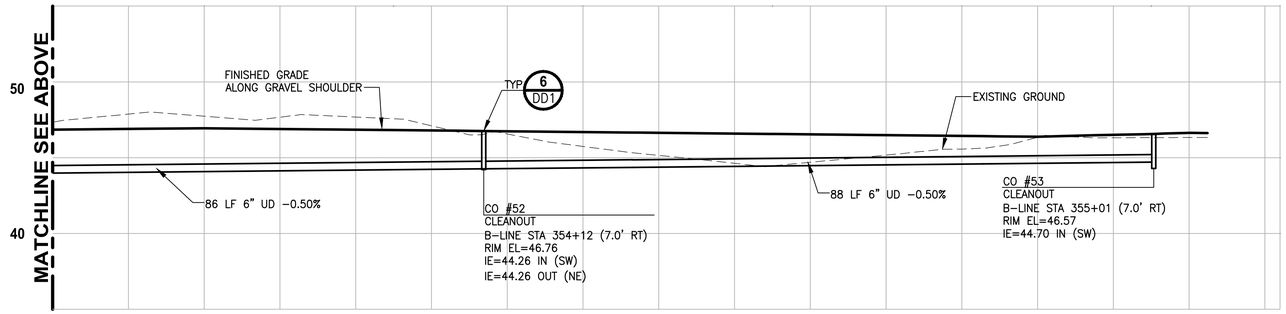
SHEET NO.
149 OF 274

SD6



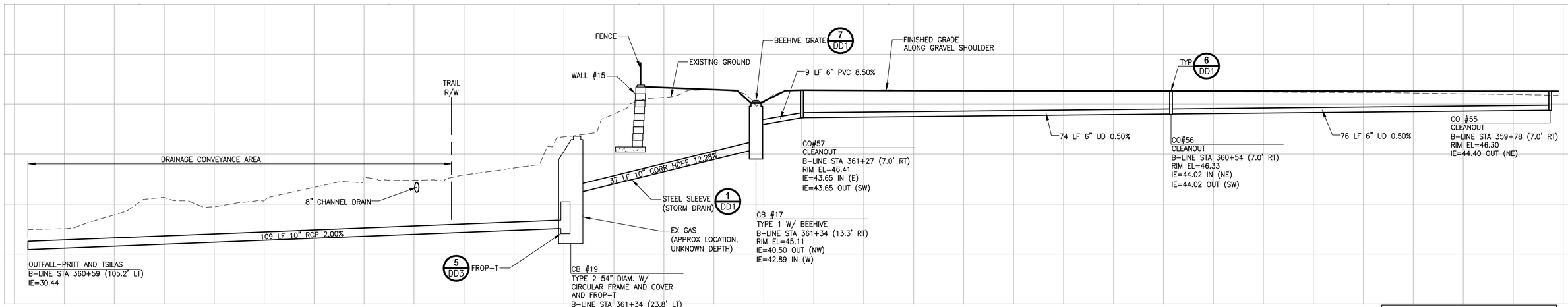
PROFILE B-LINE STA 351+27 TO 353+20

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



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

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



PROFILE B-LINE STA 359+78 TO 361+34

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

GENERAL NOTES:

1. CULVERTS IN FILL OR CUT SLOPES SHALL HAVE BEVELED END SECTIONS PER 2016 KCRS FIG. 7-001.
2. STRUCTURE OFFSETS ARE MEASURED TO CENTER OF GRATE.
3. CATCH BASIN TYPE 1 SHALL BE PER 2016 KCRS FIG. 7-003.
4. CATCH BASIN TYPE 2 SHALL BE PER 2016 KCRS FIG. 7-005 AND FIG. 7-006.
5. CIRCULAR FRAME (RING) AND COVER SHALL BE PER 2016 KCRS FIG. 7-022, AND FIG. 7-023.
6. RECTANGULAR SOLID METAL COVER SHALL BE PER 2016 KCRS FIG. 7-014 AND FIG. 7-015.
7. CL IV RCP = CLASS IV REINFORCED CONCRETE STORM SEWER PIPE.
8. CORR HDPE = CORRUGATED HIGH DENSITY POLYETHYLENE STORM SEWER PIPE.
9. RECTANGULAR HERRINGBONE GRATES SHALL BE PER 2016 KCRS FIG. 7-013.
10. NOT USED.
11. CIRCULAR GRATE SHALL BE PER WSDOT STANDARD PLAN B-30.80-01.
12. CONCRETE COLLAR SHALL BE PER WSDOT STANDARD PLAN B-60.20-01.
13. DEBRIS CAGE SHALL BE PER 2016 KCRS FIG. 7-028.
14. UD = UNDERDRAIN TRENCH, UNDERDRAIN PIPE SHALL BE PERFORATED PVC PIPE PER WSDOT STANDARD SPECIFICATION. UNDERDRAIN PIPES ARE SET AT 0.5% SLOPE AVERAGE, CALCULATED PIPE SLOPES BETWEEN CLEANOUTS MAY VARY SLIGHTLY.
15. SPACING BETWEEN EXISTING UTILITY AND NEW STORM STRUCTURE/PIPE SHALL BE 6" MINIMUM. PLACE POLYETHYLENE PAD OF 2' LENGTH & WIDTH BETWEEN UTILITIES.
16. PIPE JOINTS FOR NEW STORM DRAINS AND CULVERTS SHALL BE LOCATED OUTSIDE OF PAVED TRAIL.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME RL1521075P19T03SD-01
JOB No. 554-1521-075 P19 T03
DATE FEBRUARY 2019

CRAIG ALEXANDER BUITRAGO · STATE OF WASHINGTON · 49427 · REGISTERED PROFESSIONAL ENGINEER

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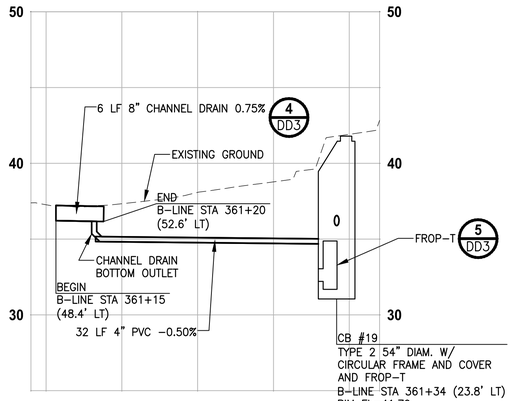
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

STORM DRAIN PROFILES AND SECTIONS

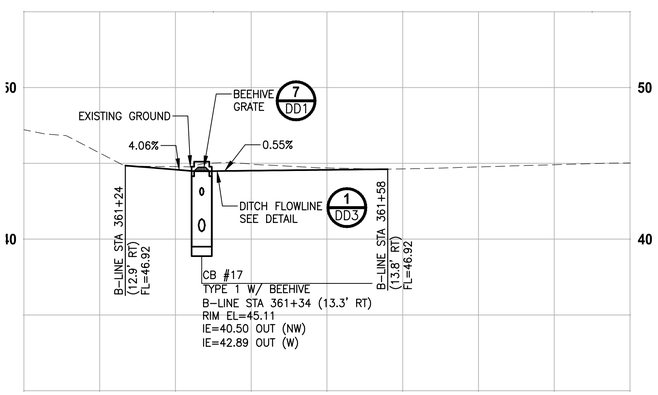
SHEET NO. 150 OF 274
SD7

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 19\T03 Civil\Dwg\
PLOTTED BY: purgabut DATE: Wednesday, February 27, 2019 8:50:22 PM
LAYOUT: SD7



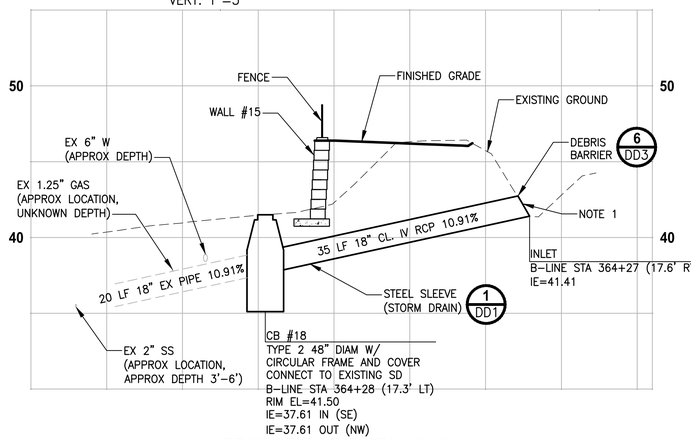
PROFILE B-LINE STA 361+15

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



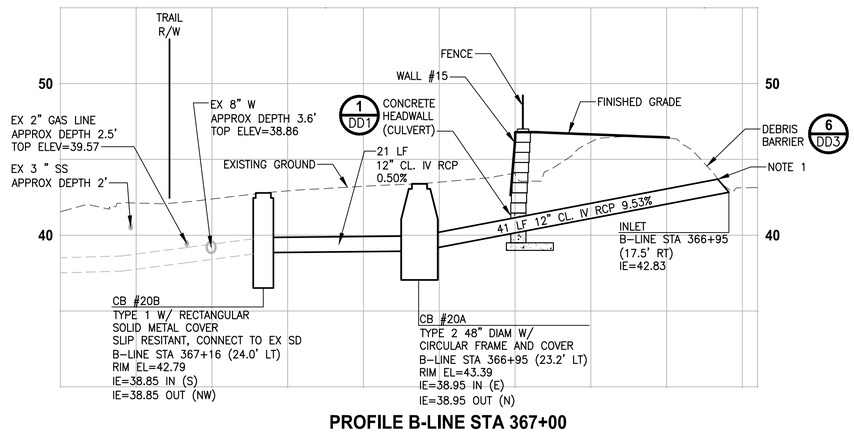
PROFILE B-LINE STA 361+24 TO 361+58

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



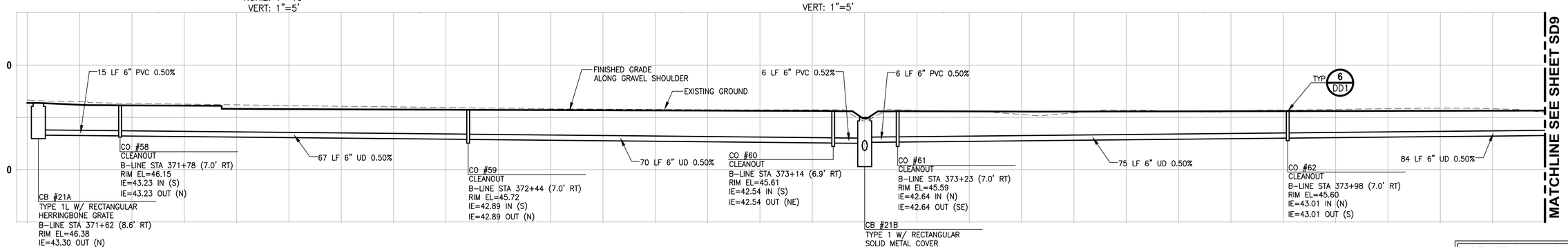
PROFILE B-LINE STA 364+24

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



PROFILE B-LINE STA 367+00

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



PROFILE B-LINE STA 371+62 TO 377+31

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

GENERAL NOTES:

1. CULVERTS IN FILL OR CUT SLOPES SHALL HAVE BEVELED END SECTIONS PER 2016 KCRS FIG. 7-001.
2. STRUCTURE OFFSETS ARE MEASURED TO CENTER OF GRATE.
3. CATCH BASIN TYPE 1 SHALL BE PER 2016 KCRS FIG. 7-003.
4. CATCH BASIN TYPE 2 SHALL BE PER 2016 KCRS FIG. 7-005 AND FIG. 7-006.
5. CIRCULAR FRAME (RING) AND COVER SHALL BE PER 2016 KCRS FIG. 7-022, AND FIG. 7-023.
6. RECTANGULAR SOLID METAL COVER SHALL BE PER 2016 KCRS FIG. 7-014 AND FIG. 7-015.
7. CL IV RCP = CLASS IV REINFORCED CONCRETE STORM SEWER PIPE.
8. CORR HDPE = CORRUGATED HIGH DENSITY POLYETHYLENE STORM SEWER PIPE.
9. RECTANGULAR HERRINGBONE GRATES SHALL BE PER 2016 KCRS FIG. 7-013.
10. NOT USED.
11. CIRCULAR GRATE SHALL BE PER WSDOT STANDARD PLAN B-30.80-01.
12. CONCRETE COLLAR SHALL BE PER WSDOT STANDARD PLAN B-60.20-01.
13. DEBRIS CAGE SHALL BE PER 2016 KCRS FIG. 7-028.
14. UD = UNDERDRAIN TRENCH, UNDERDRAIN PIPE SHALL BE PERFORATED PVC PIPE PER WSDOT STANDARD SPECIFICATION. UNDERDRAIN PIPES ARE SET AT 0.5% SLOPE AVERAGE, CALCULATED PIPE SLOPES BETWEEN CLEANOUTS MAY VARY SLIGHTLY.
15. SPACING BETWEEN EXISTING UTILITY AND NEW STORM STRUCTURE/PIPE SHALL BE 6" MINIMUM. PLACE POLYETHYLENE PAD OF 2' LENGTH & WIDTH BETWEEN UTILITIES.
16. PIPE JOINTS FOR NEW STORM DRAINS AND CULVERTS SHALL BE LOCATED OUTSIDE OF PAVED TRAIL.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED 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 FEBRUARY 2019

PRELIMINARY
CRAIG ALEXANDER BUITRAGO · STATE OF WASHINGTON · 49427 · REGISTERED PROFESSIONAL ENGINEER

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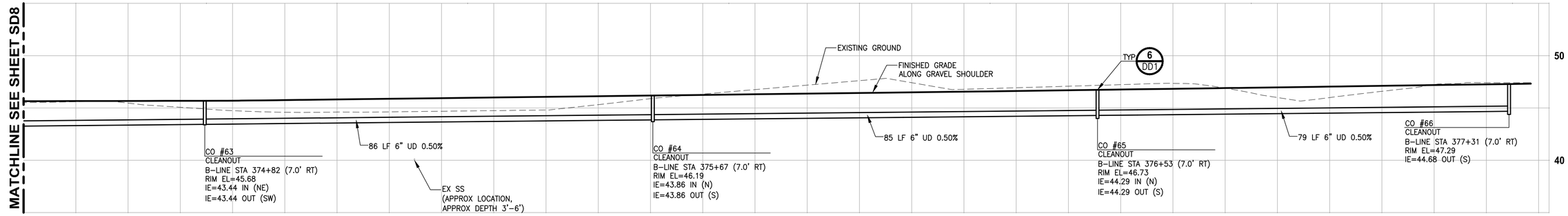
PROJECT NAME
EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

STORM DRAIN PROFILES AND SECTIONS

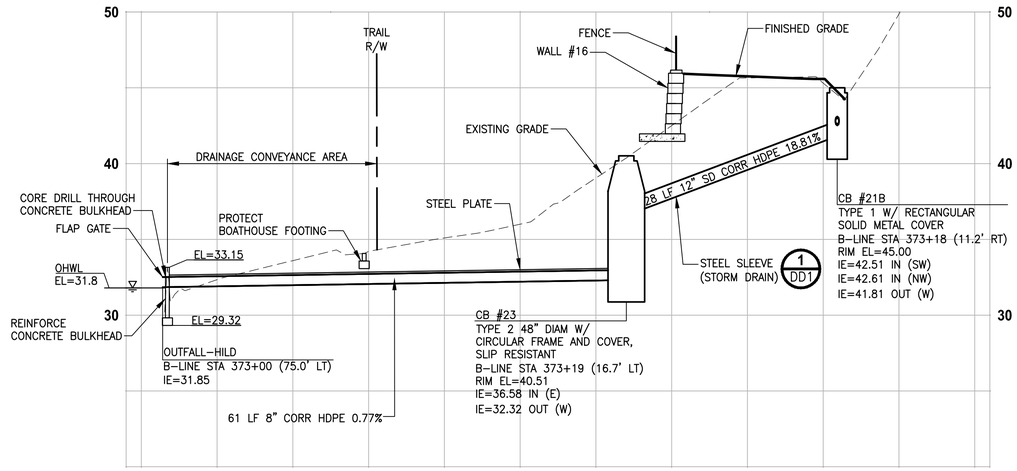
SHEET NO.
151 OF 274

SD8



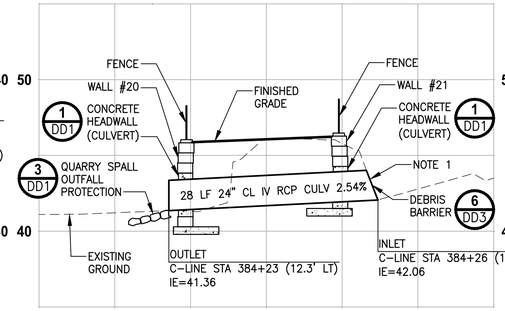
PROFILE C-LINE STA 371+32 TO 377+31

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



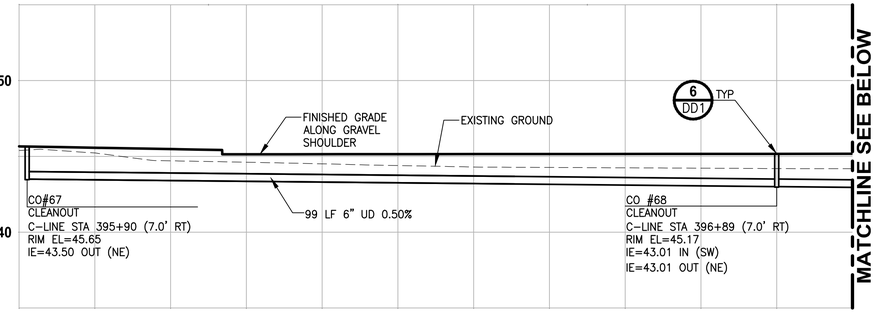
PROFILE C-LINE STA 373+00

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



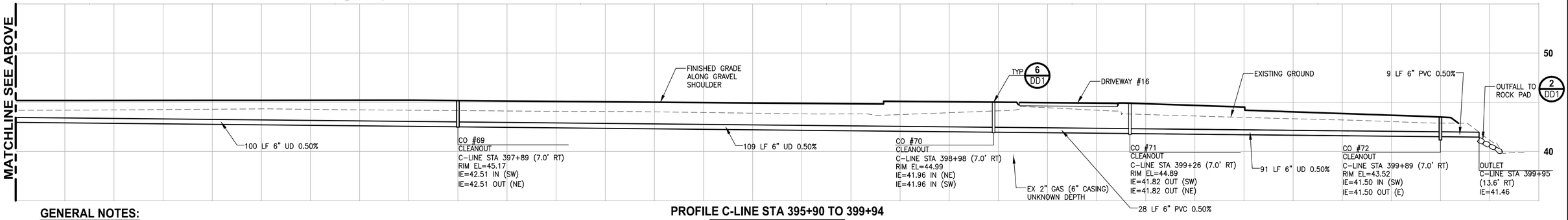
PROFILE C-LINE STA 384+25

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



PROFILE C-LINE STA 395+90 TO 399+94

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



PROFILE C-LINE STA 395+90 TO 399+94

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

GENERAL NOTES:

1. CULVERTS IN FILL OR CUT SLOPES SHALL HAVE BEVELED END SECTIONS PER 2016 KCRS FIG. 7–001.
2. STRUCTURE OFFSETS ARE MEASURED TO CENTER OF GRATE.
3. CATCH BASIN TYPE 1 SHALL BE PER 2016 KCRS FIG. 7–003.
4. CATCH BASIN TYPE 2 SHALL BE PER 2016 KCRS FIG. 7–005 AND FIG. 7–006.
5. CIRCULAR FRAME (RING) AND COVER SHALL BE PER 2016 KCRS FIG. 7–022, AND FIG. 7–023.
6. RECTANGULAR SOLID METAL COVER SHALL BE PER 2016 KCRS FIG. 7–014 AND FIG. 7–015.
7. CL IV RCP = CLASS IV REINFORCED CONCRETE STORM SEWER PIPE.
8. CORR HDPE = CORRUGATED HIGH DENSITY POLYETHYLENE STORM SEWER PIPE.
9. RECTANGULAR HERRINGBONE GRATES SHALL BE PER 2016 KCRS FIG. 7–013.
10. NOT USED.
11. CIRCULAR GRATE SHALL BE PER WSDOT STANDARD PLAN B–30.80–01.
12. CONCRETE COLLAR SHALL BE PER WSDOT STANDARD PLAN B–60.20–01.
13. DEBRIS CAGE SHALL BE PER 2016 KCRS FIG. 7–028.
14. UD = UNDERDRAIN TRENCH, UNDERDRAIN PIPE SHALL BE PERFORATED PVC PIPE PER WSDOT STANDARD SPECIFICATION. UNDERDRAIN PIPES ARE SET AT 0.5% SLOPE AVERAGE, CALCULATED PIPE SLOPES BETWEEN CLEANOUTS MAY VARY SLIGHTLY.
15. SPACING BETWEEN EXISTING UTILITY AND NEW STORM STRUCTURE/PIPE SHALL BE 6" MINIMUM. PLACE POLYETHYLENE PAD OF 2' LENGTH & WIDTH BETWEEN UTILITIES.
16. PIPE JOINTS FOR NEW STORM DRAINS AND CULVERTS SHALL BE LOCATED OUTSIDE OF PAVED TRAIL.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

DESIGNED 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 FEBRUARY 2019

CRAIG ALEXANDER BUITRAGO · STATE OF WASHINGTON · 49427 · REGISTERED PROFESSIONAL ENGINEER

PRELIMINARY

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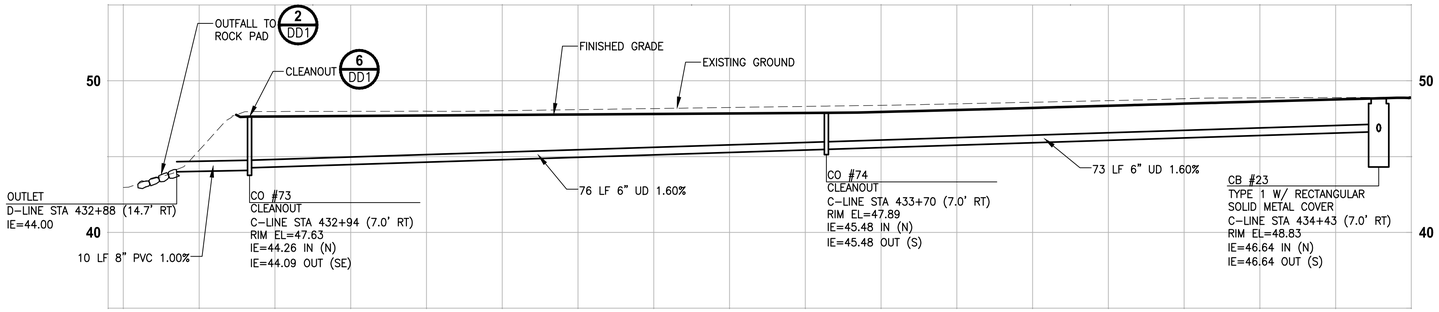
WWW.PARAMETRIX.COM

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

STORM DRAIN PROFILES AND SECTIONS

SHEET NO.
152 OF 274
SD9



PROFILE D-LINE STA 432+80 TO 434+50

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

GENERAL NOTES:

1. CULVERTS IN FILL OR CUT SLOPES SHALL HAVE BEVELED END SECTIONS PER 2016 KCRS FIG. 7-001.
2. STRUCTURE OFFSETS ARE MEASURED TO CENTER OF GRATE.
3. CATCH BASIN TYPE 1 SHALL BE PER 2016 KCRS FIG. 7-003.
4. CATCH BASIN TYPE 2 SHALL BE PER 2016 KCRS FIG. 7-005 AND FIG. 7-006.
5. CIRCULAR FRAME (RING) AND COVER SHALL BE PER 2016 KCRS FIG. 7-022, AND FIG. 7-023.
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9. RECTANGULAR HERRINGBONE GRATES SHALL BE PER 2016 KCRS FIG. 7-013.
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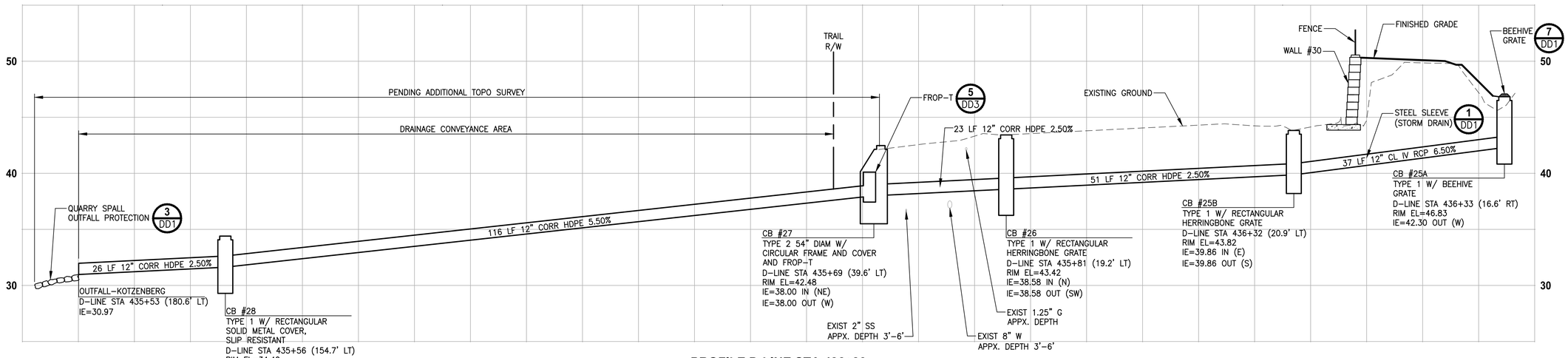
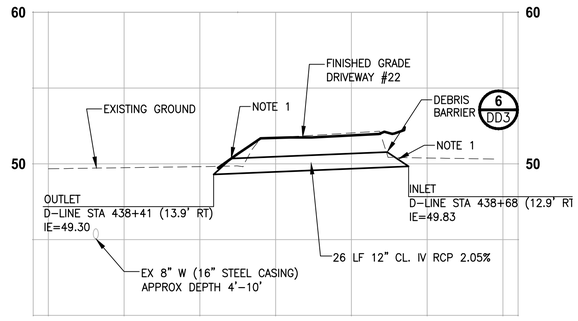
11. CIRCULAR GRATE SHALL BE PER WSDOT STANDARD PLAN B-30.80-01.
12. CONCRETE COLLAR SHALL BE PER WSDOT STANDARD PLAN B-60.20-01.
13. DEBRIS CAGE SHALL BE PER 2016 KCRS FIG. 7-028.
14. UD = UNDERDRAIN TRENCH, UNDERDRAIN PIPE SHALL BE PERFORATED PVC PIPE PER WSDOT STANDARD SPECIFICATION. UNDERDRAIN PIPES ARE SET AT 0.5% SLOPE AVERAGE, CALCULATED PIPE SLOPES BETWEEN CLEANOUTS MAY VARY SLIGHTLY.
15. SPACING BETWEEN EXISTING UTILITY AND NEW STORM STRUCTURE/PIPE SHALL BE 6" MINIMUM. PLACE POLYETHYLENE PAD OF 2' LENGTH & WIDTH BETWEEN UTILITIES.
16. PIPE JOINTS FOR NEW STORM DRAINS AND CULVERTS SHALL BE LOCATED OUTSIDE OF PAVED TRAIL.



PROFILE D-LINE STA 436+30

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



PROFILE D-LINE STA 438+50

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

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

	REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME BL1521075P19T03SD-02
JOB No. 554-1521-075 P19 T03
DATE FEBRUARY 2019

PRELIMINARY
CRAIG ALEXANDER BUITRAGO
STATE OF WASHINGTON
49427
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P 206.394.3700
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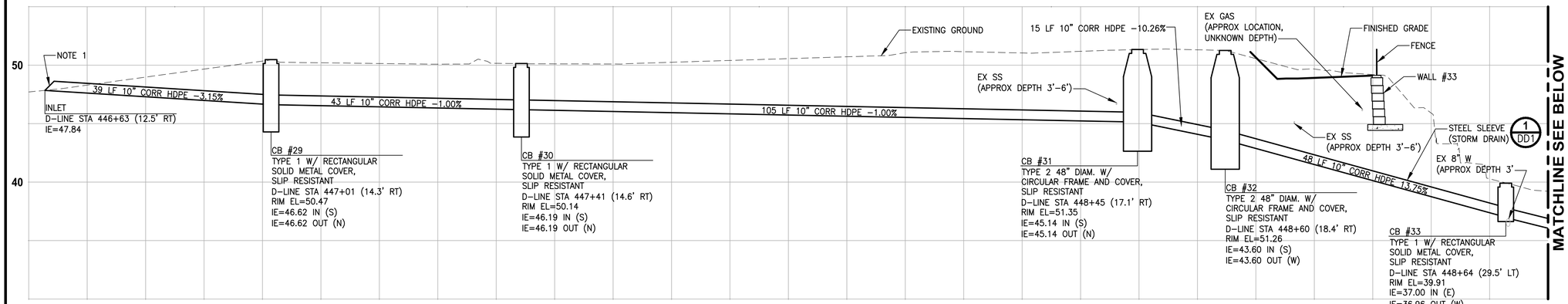
PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

STORM DRAIN PROFILES AND SECTIONS

SHEET NO. 153 OF 274

SD10



PROFILE D-LINE STA 446+63 TO 448+60

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

GENERAL NOTES:

1. CULVERTS IN FILL OR CUT SLOPES SHALL HAVE BEVELED END SECTIONS PER 2016 KCRS FIG. 7-001.
2. STRUCTURE OFFSETS ARE MEASURED TO CENTER OF GRATE.
3. CATCH BASIN TYPE 1 SHALL BE PER 2016 KCRS FIG. 7-003.
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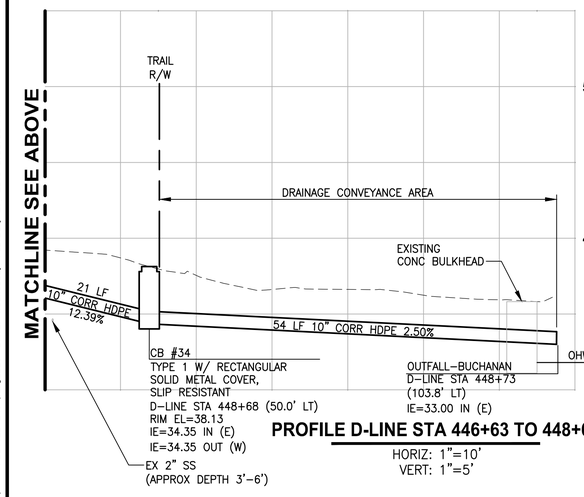
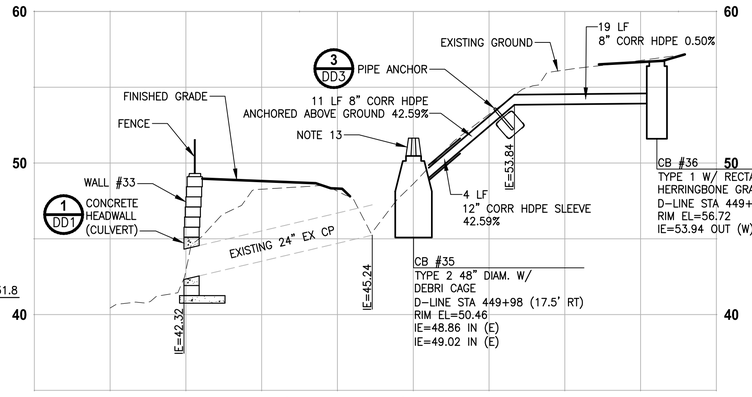


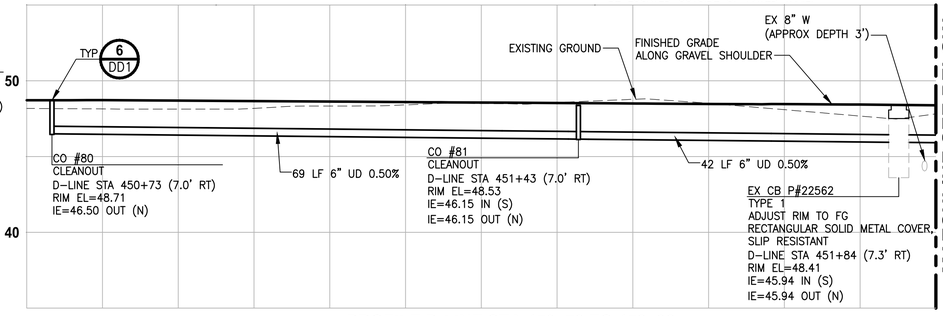
PROFILE D-LINE STA 446+63 TO 448+60

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



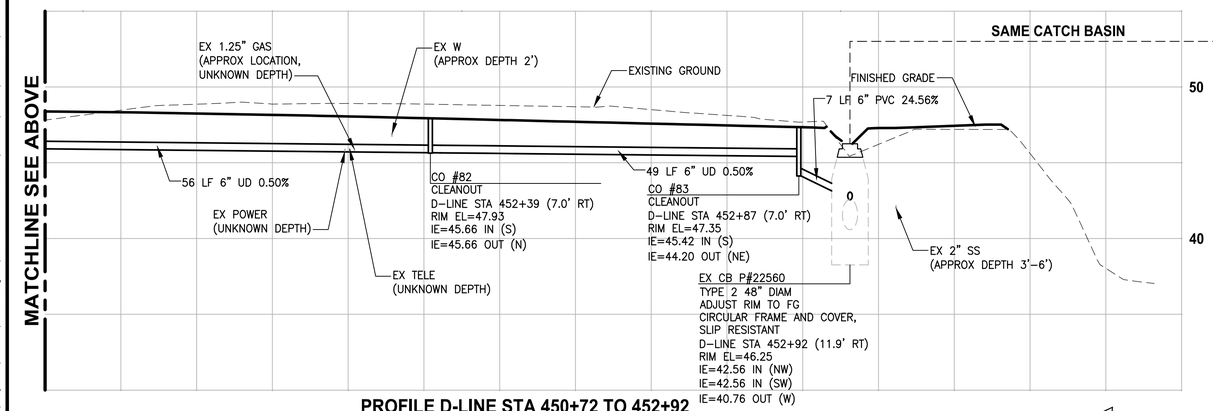
PROFILE D-LINE STA 449+99

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



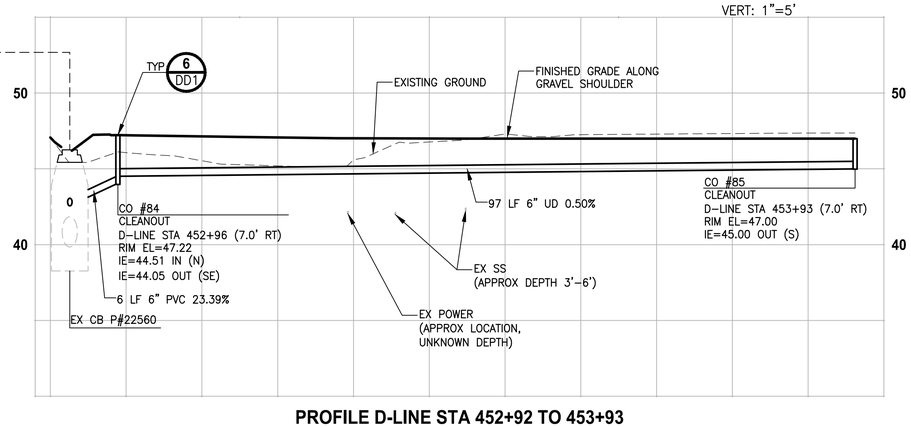
PROFILE D-LINE STA 450+73 TO 452+92

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



PROFILE D-LINE STA 450+72 TO 452+92

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



PROFILE D-LINE STA 452+92 TO 453+93

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

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY

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

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME BL1521075P19T03SD-02
JOB No. 554-1521-075 P19 T03
DATE FEBRUARY 2019

CRAIG ALEXANDER BUITRAGO · STATE OF WASHINGTON · 49427 · REGISTERED PROFESSIONAL ENGINEER
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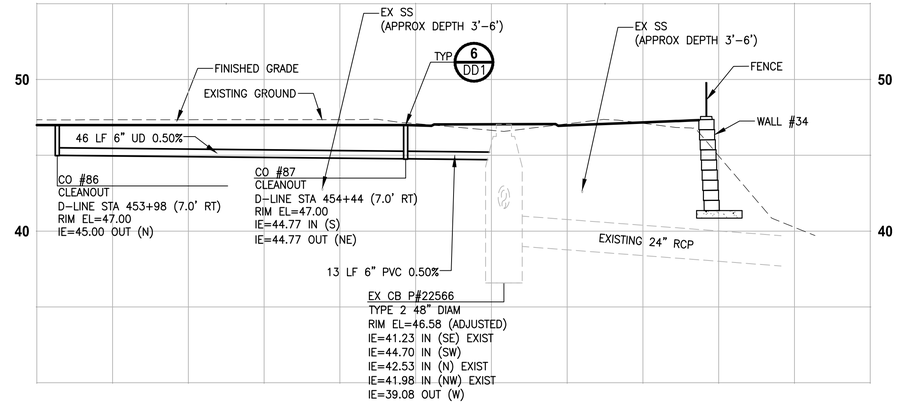
WWW.PARAMETRIX.COM

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

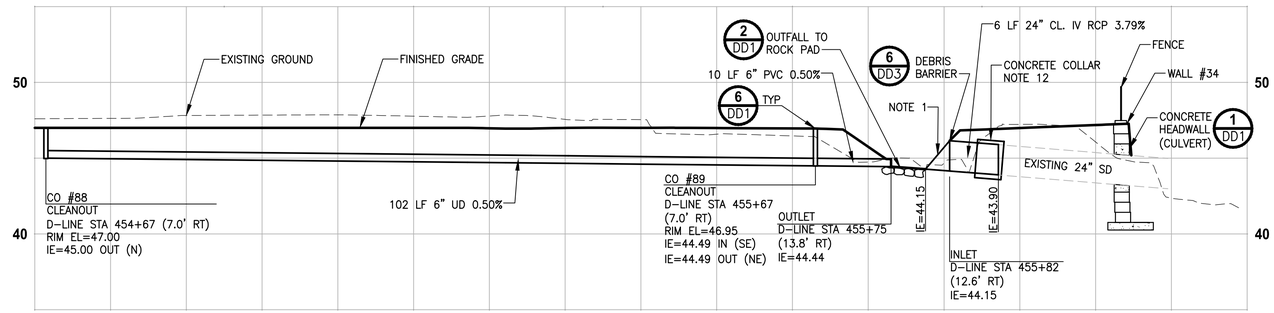
STORM DRAIN PROFILES AND SECTIONS

SHEET NO. 154 OF 274
SD11



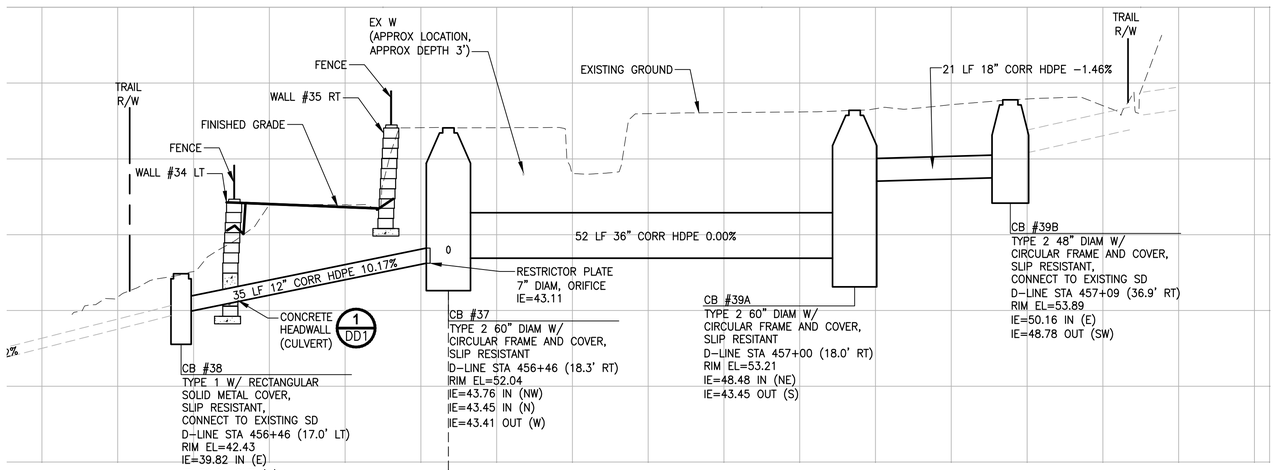
PROFILE D-LINE STA 453+98 TO 454+52

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



PROFILE D-LINE STA 454+70 TO 455+82

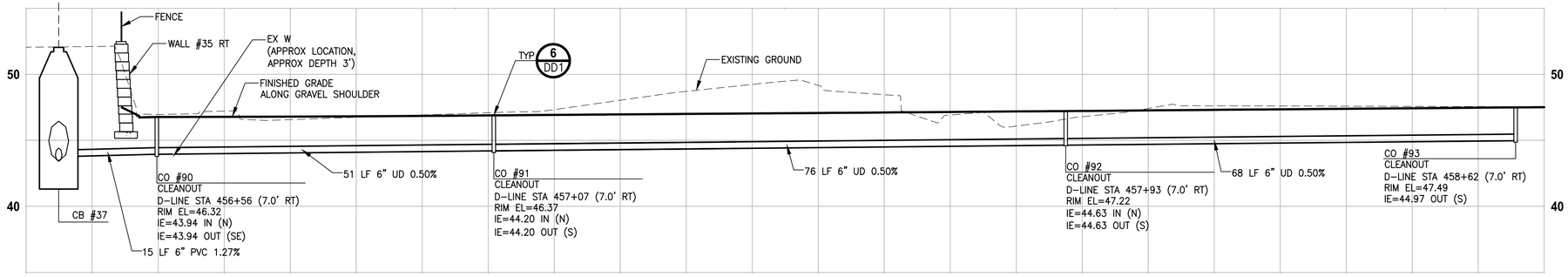
HORIZ: 1"=10'
VERT: 1"=5'



PROFILE D-LINE STA 456+32 TO 468+52

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

SAME CATCH BASIN



PROFILE C-LINE STA 456+46 TO 458+62

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

GENERAL NOTES:

1. CULVERTS IN FILL OR CUT SLOPES SHALL HAVE BEVELED END SECTIONS PER 2016 KCRS FIG. 7-001.
2. STRUCTURE OFFSETS ARE MEASURED TO CENTER OF GRATE.
3. CATCH BASIN TYPE 1 SHALL BE PER 2016 KCRS FIG. 7-003.
4. CATCH BASIN TYPE 2 SHALL BE PER 2016 KCRS FIG. 7-005 AND FIG. 7-006.
5. CIRCULAR FRAME (RING) AND COVER SHALL BE PER 2016 KCRS FIG. 7-022, AND FIG. 7-023.
6. RECTANGULAR SOLID METAL COVER SHALL BE PER 2016 KCRS FIG. 7-014 AND FIG. 7-015.
7. CL IV RCP = CLASS IV REINFORCED CONCRETE STORM SEWER PIPE.
8. CORR HDPE = CORRUGATED HIGH DENSITY POLYETHYLENE STORM SEWER PIPE.
9. RECTANGULAR HERRINGBONE GRATES SHALL BE PER 2016 KCRS FIG. 7-013.
10. NOT USED.
11. CIRCULAR GRATE SHALL BE PER WSDOT STANDARD PLAN B-30.80-01.
12. CONCRETE COLLAR SHALL BE PER WSDOT STANDARD PLAN B-60.20-01.
13. DEBRIS CAGE SHALL BE PER 2016 KCRS FIG. 7-028.
14. UD = UNDERDRAIN TRENCH, UNDERDRAIN PIPE SHALL BE PERFORATED PVC PIPE PER WSDOT STANDARD SPECIFICATION. UNDERDRAIN PIPES ARE SET AT 0.5% SLOPE AVERAGE, CALCULATED PIPE SLOPES BETWEEN CLEANOUTS MAY VARY SLIGHTLY.
15. SPACING BETWEEN EXISTING UTILITY AND NEW STORM STRUCTURE/PIPE SHALL BE 6" MINIMUM. PLACE POLYETHYLENE PAD OF 2' LENGTH & WIDTH BETWEEN UTILITIES.
16. PIPE JOINTS FOR NEW STORM DRAINS AND CULVERTS SHALL BE LOCATED OUTSIDE OF PAVED TRAIL.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
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MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

STORM DRAIN PROFILES AND SECTIONS

SHEET NO. 155 OF 274
SD12

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\99Svcs\CADD\Phase 19\T03 Civil\Dwg\
LAYOUT: SD12
PLOTTED BY: purgabut DATE: Wednesday, February 27, 2019 8:54:00 PM