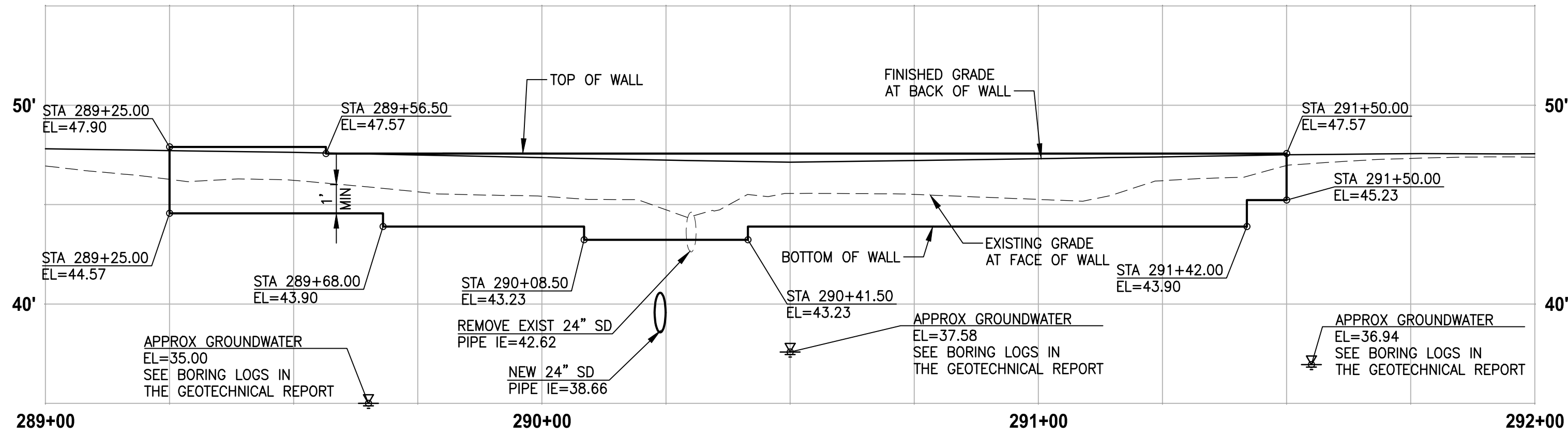
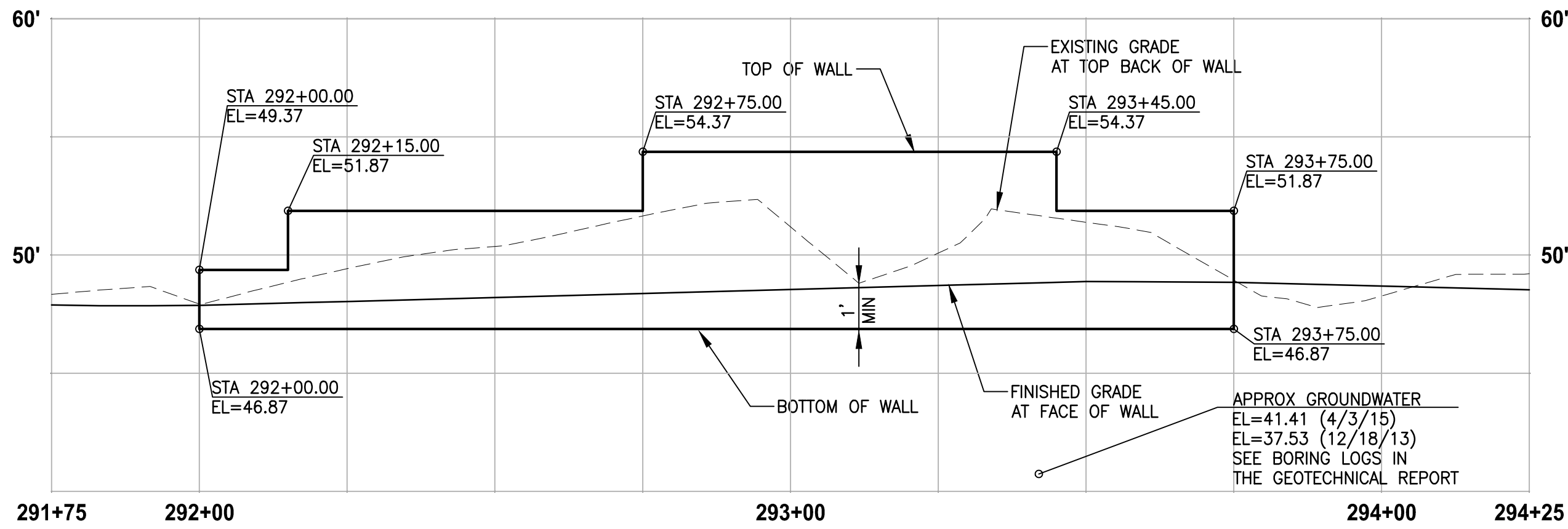


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PLOT DATE: 2/27/2019 9:12:39 PM
LAYOUT: WP1



**LEFT STRUCTURAL EARTH WALL
WALL #1 (FILL) B-LINE**

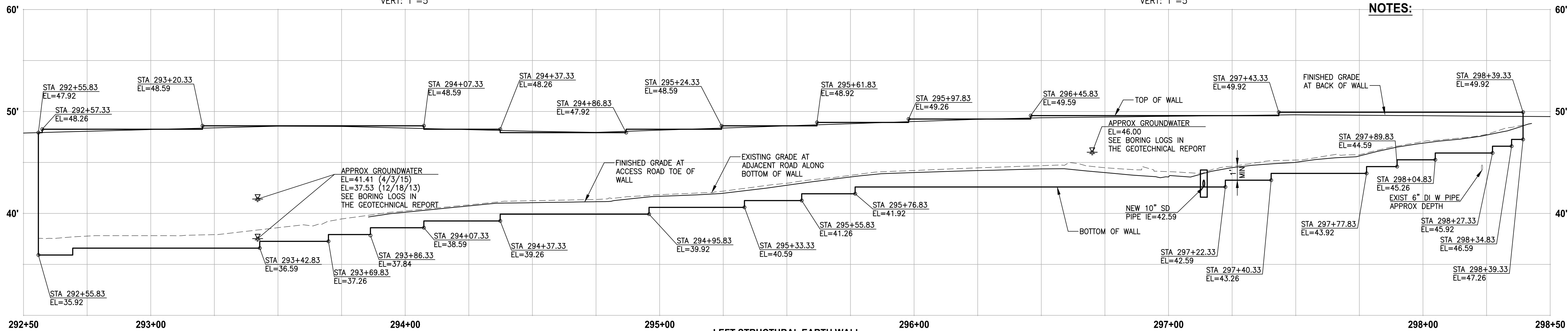
HORIZ: 1"=20'
VERT: 1"=5'



**RIGHT GRAVITY BLOCK WALL
WALL #2 (CUT) B-LINE**

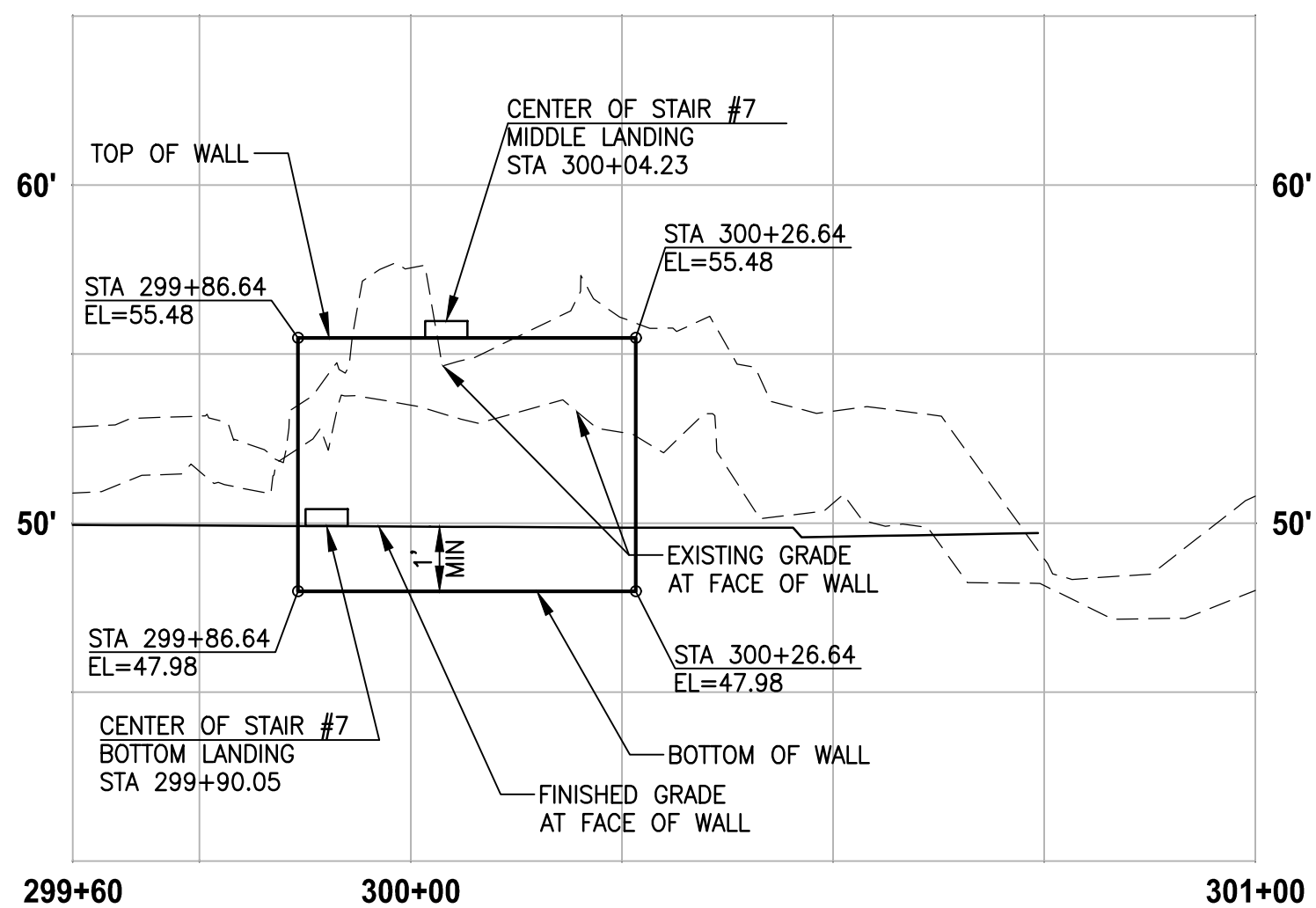
HORIZ: 1"=20'
VERT: 1"=5'

NOTES:



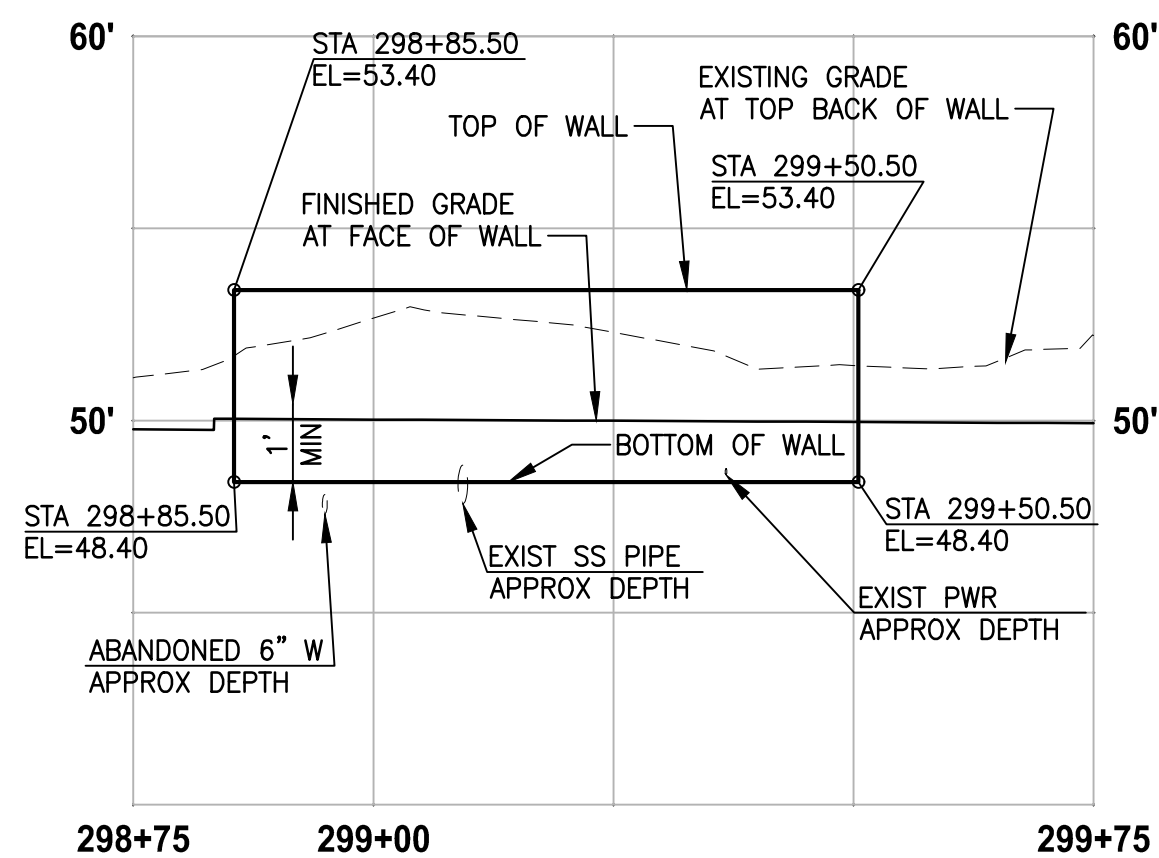
**LEFT STRUCTURAL EARTH WALL
WALL #3B (FILL) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**RIGHT REDIROCK WALL
WALL #3D (CUT) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**RIGHT GRAVITY BLOCK WALL
WALL #3C (CUT) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'

NOTES:

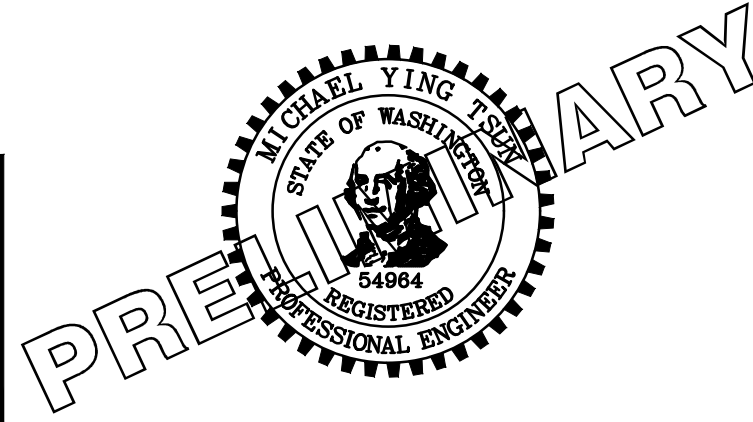
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- SEE UT AND SD SHEETS FOR UNDERDRAIN PIPES AND CLEANOUT LOCATIONS AND PROFILES.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

**90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P19T03WP-01
JOB No. 554-1521-075 P19 T03
DATE FEBRUARY 2019



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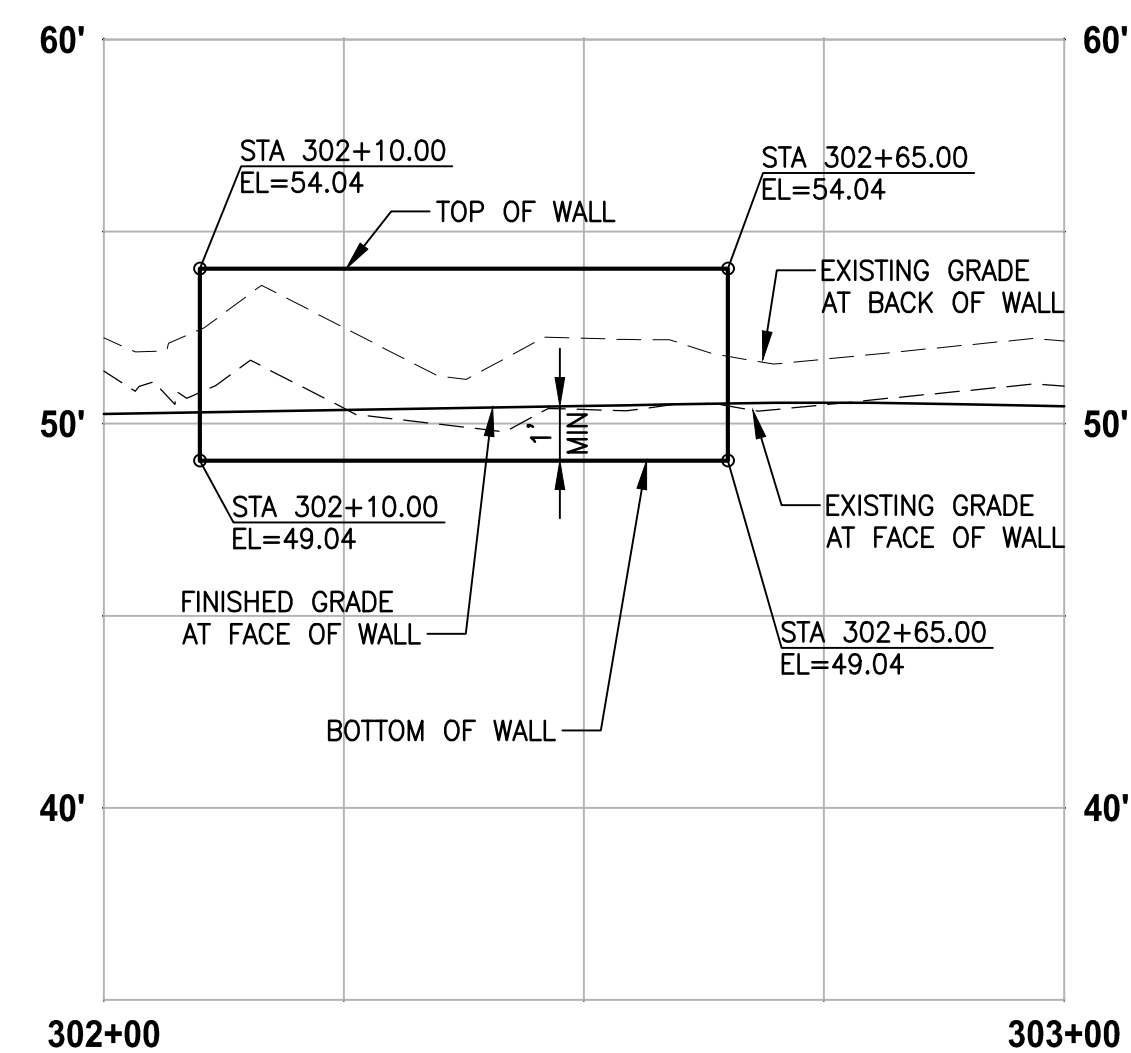
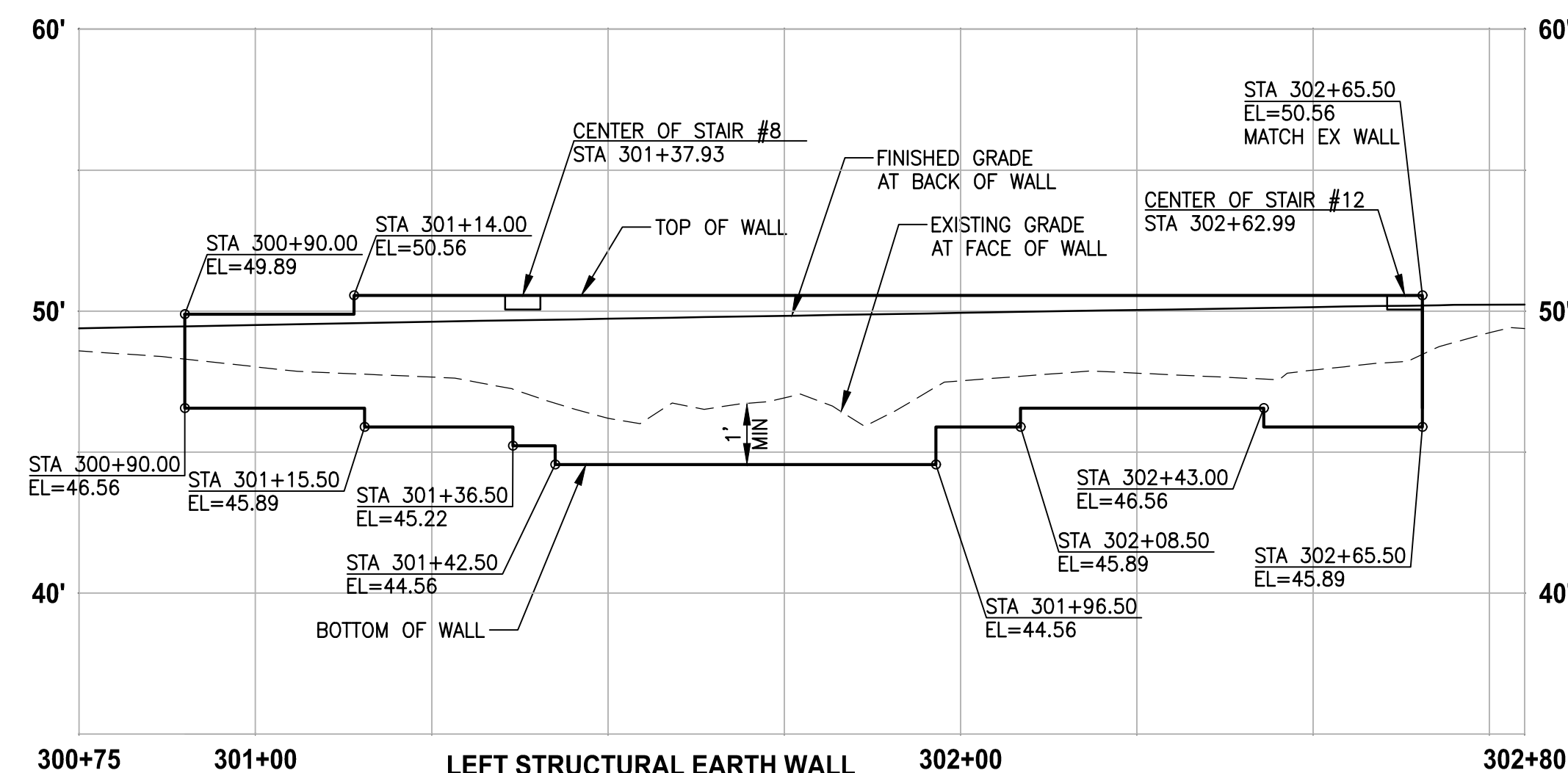
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**

SAMMAMISH, WA

WALL PROFILES

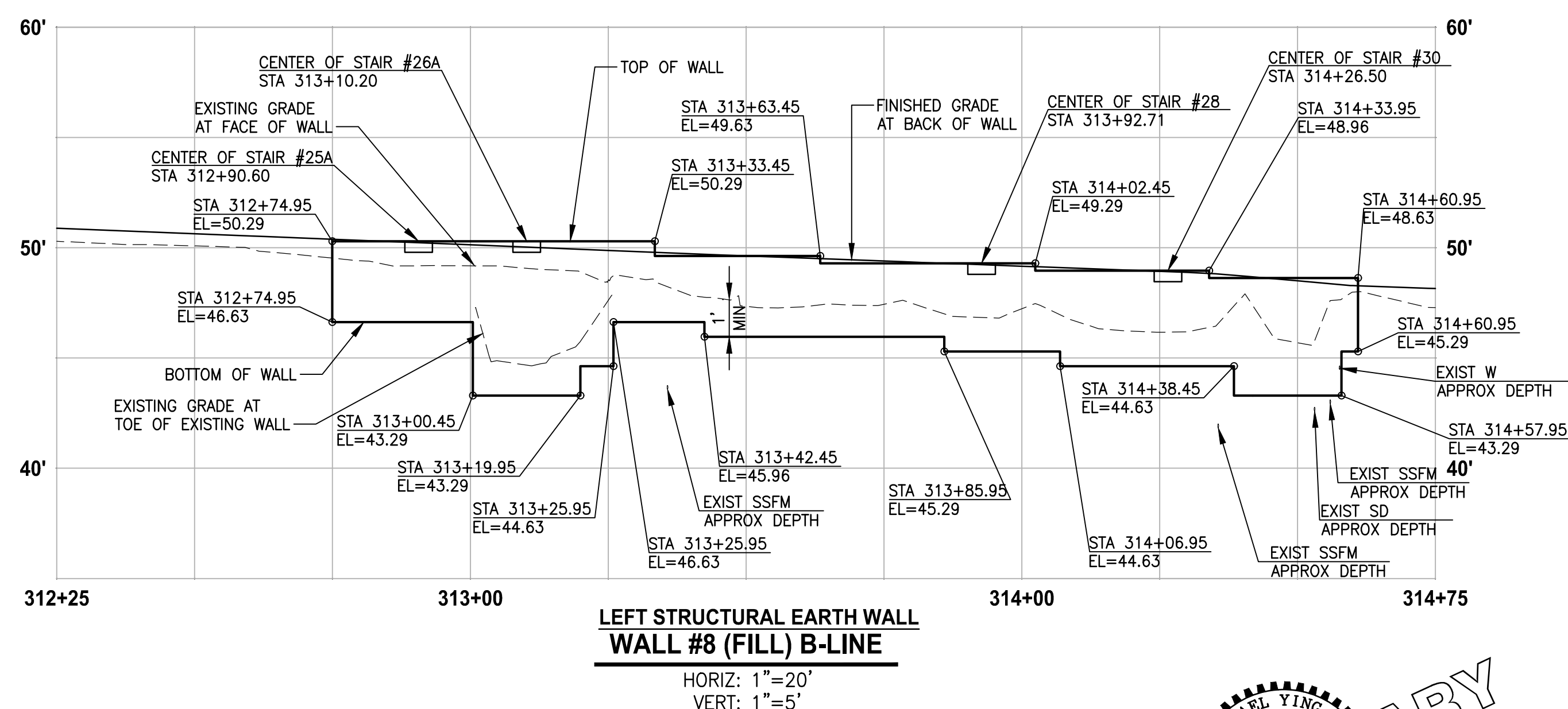
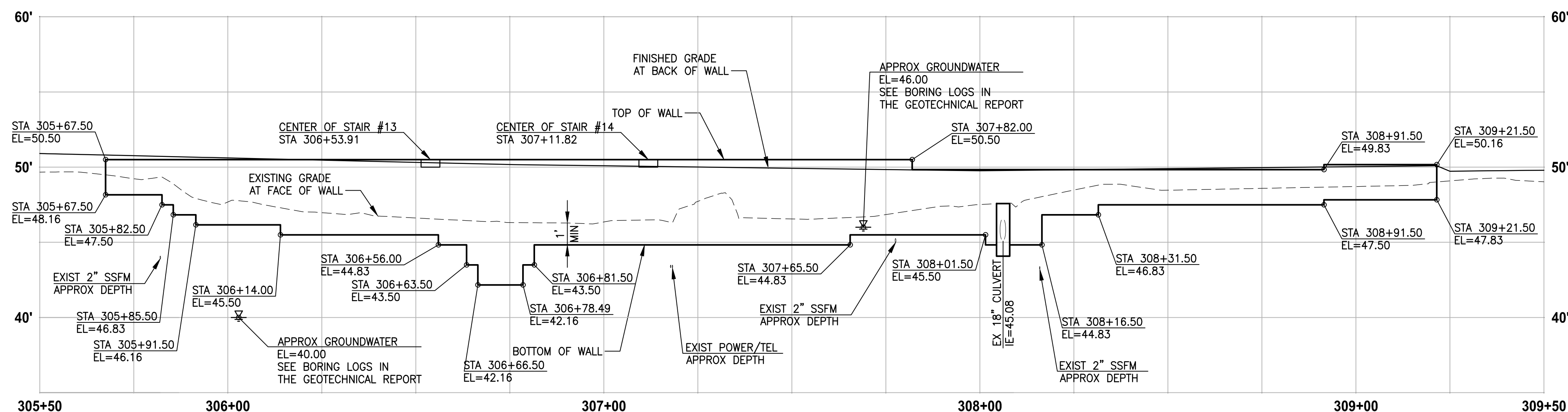
SHEET NO.
194 OF 274

WP1



- NOTES:**

1. EXISTING UTILITIES ARE APPROXIMATE AND BASED ON AVAILABLE RECORD DRAWINGS. CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTH AS AUTHORIZED BY THE ENGINEER.
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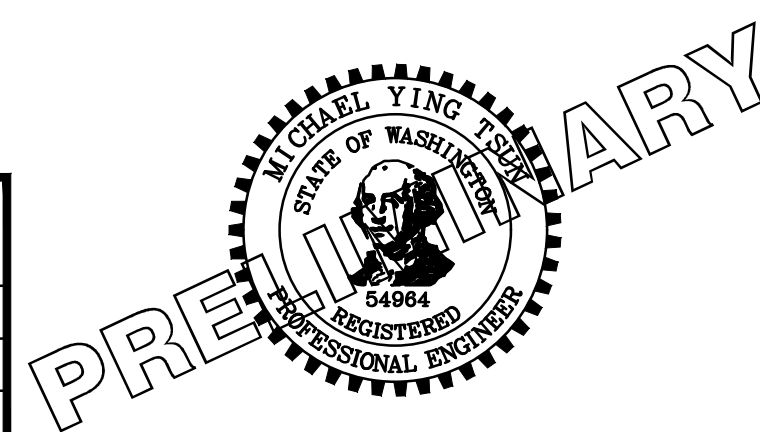
CITY OF SAMMAMISH APPROVAL	
_____ City Engineer	_____ Date
_____ Community Development	_____ Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

▷	REVISIONS	DATE	BY	DESIGNED M. TSUN
				DRAWN B. PURGANAN
				CHECKED Y. HO
				APPROVED BAILLY

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IF NOT, SCALE ACCORDINGLY.

FILE NAME
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PROJECT NAME

**EAST LAKE SAMMAMISH
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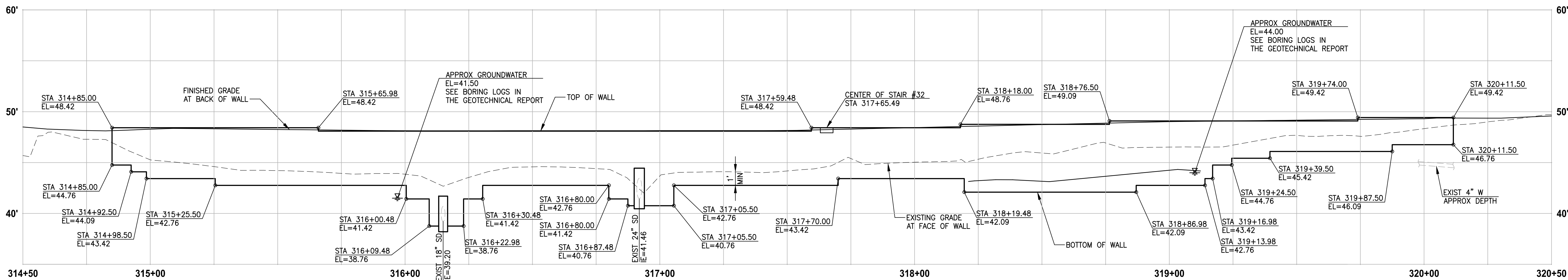
SAMMAMISH, WA

WALL PROFILES

SHEET NO.
195 OF 274

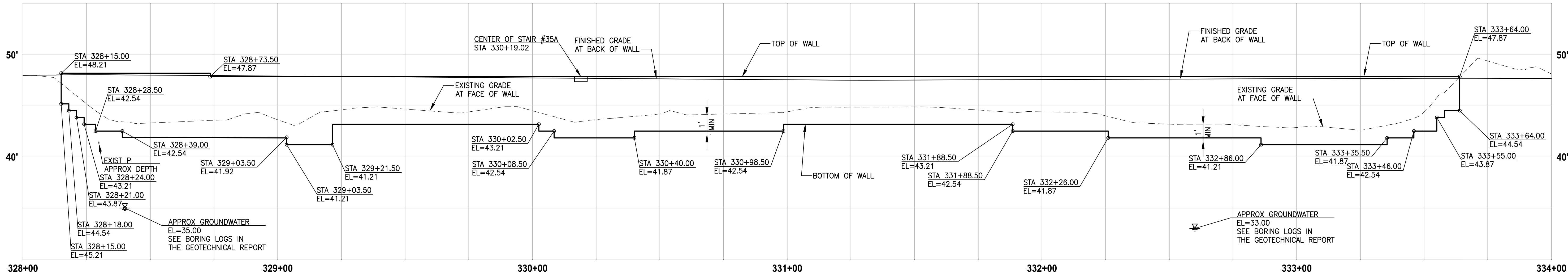
WP2

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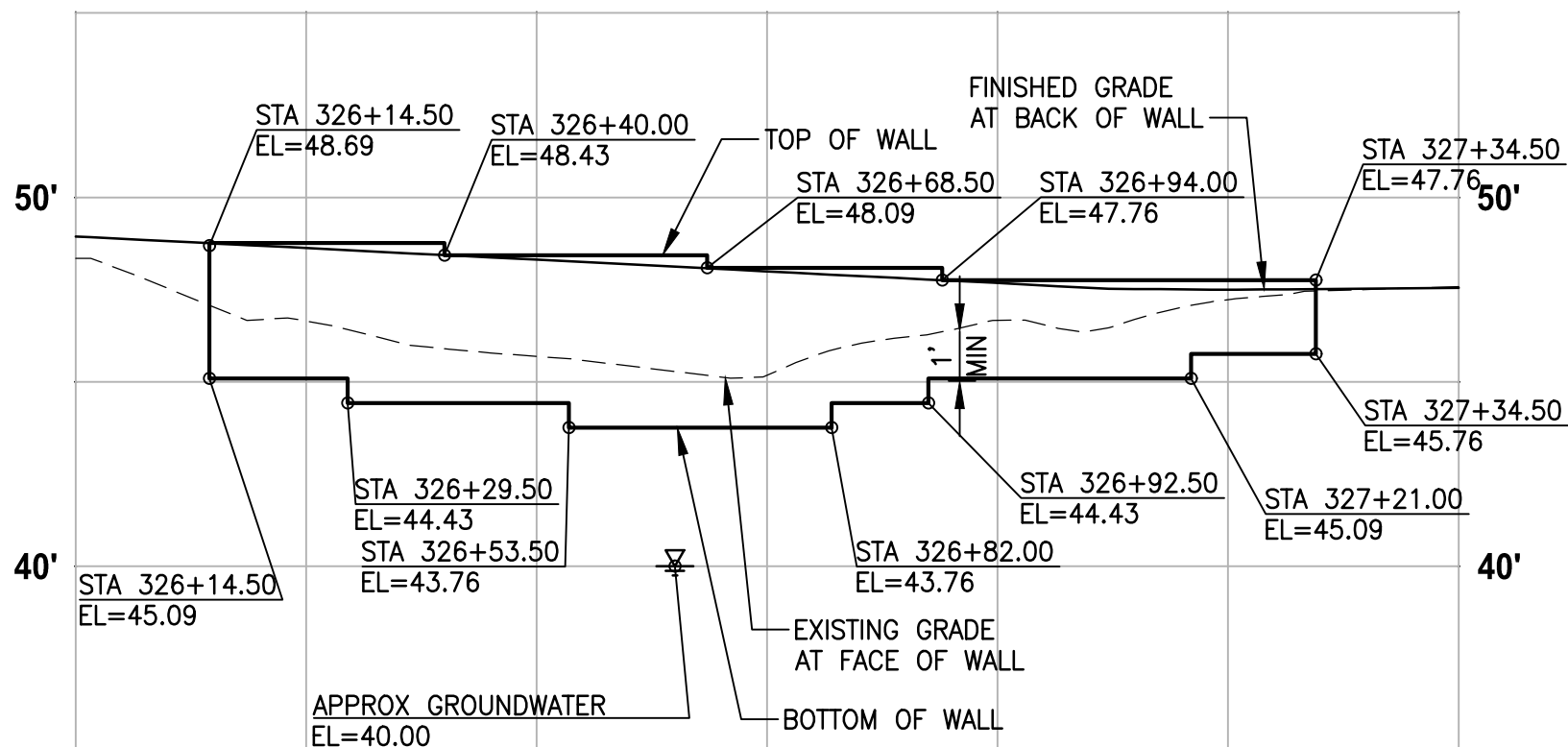
**LEFT STRUCTURAL EARTH WALL
WALL #9 (FILL) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



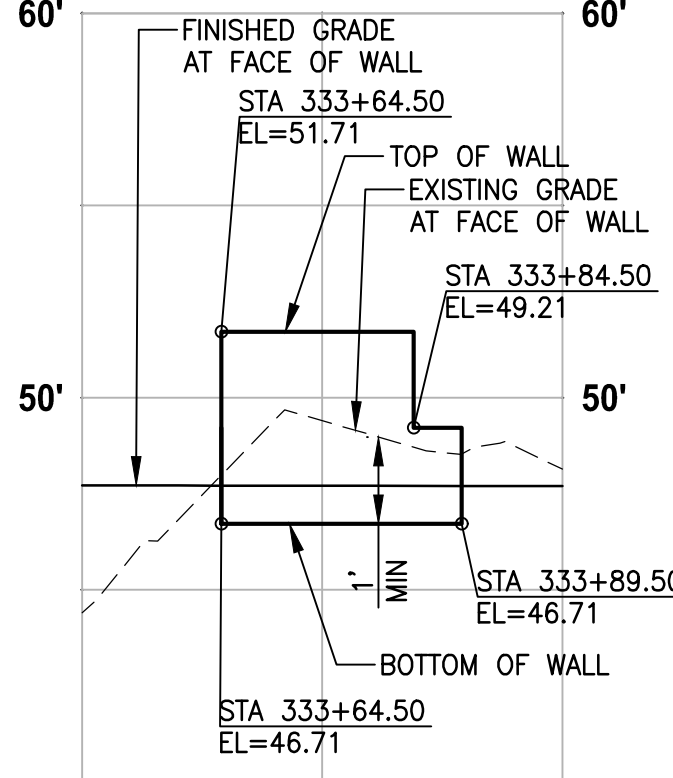
**RIGHT STRUCTURAL EARTH WALL
WALL #11 (FILL) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



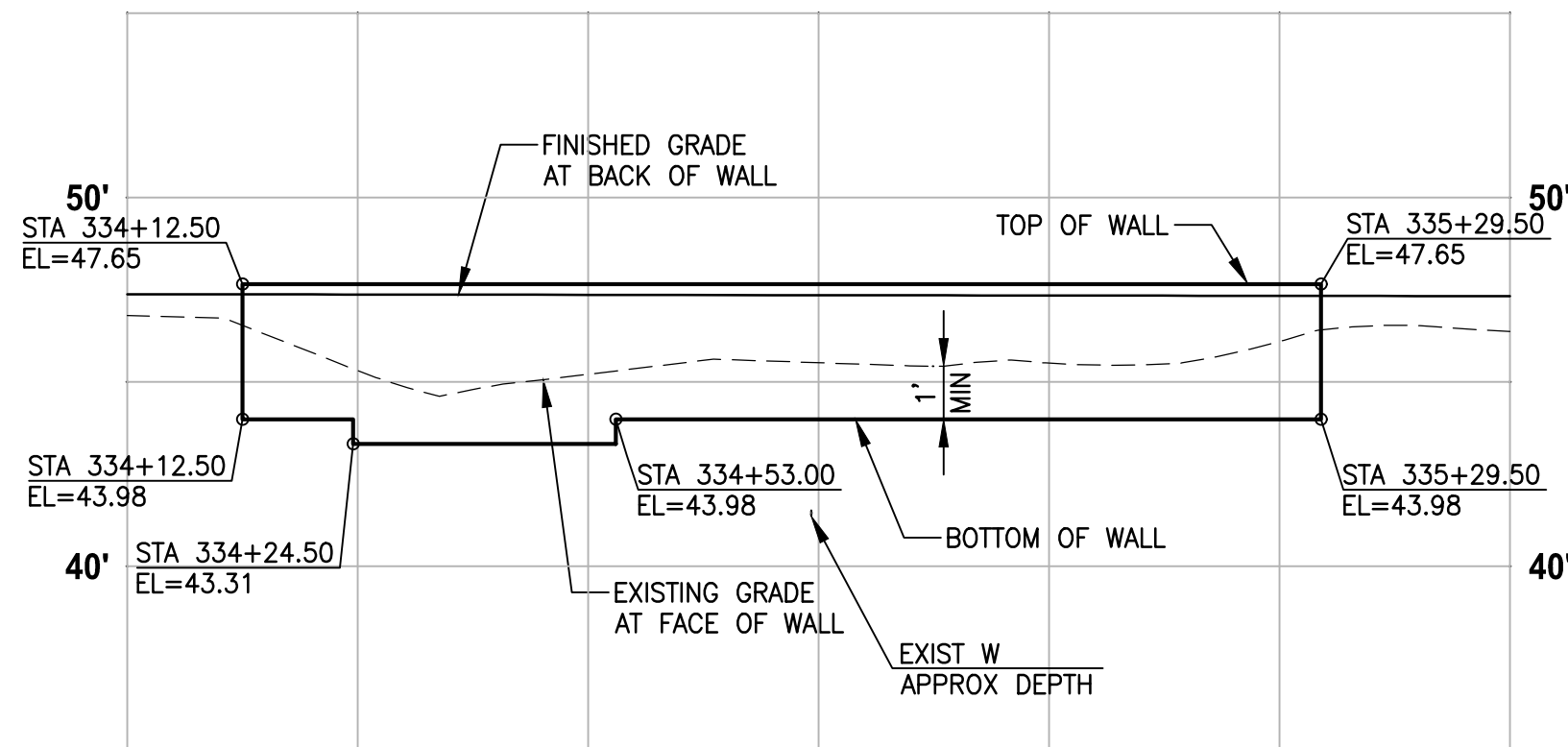
**LEFT STRUCTURAL EARTH WALL
WALL #10 (FILL) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



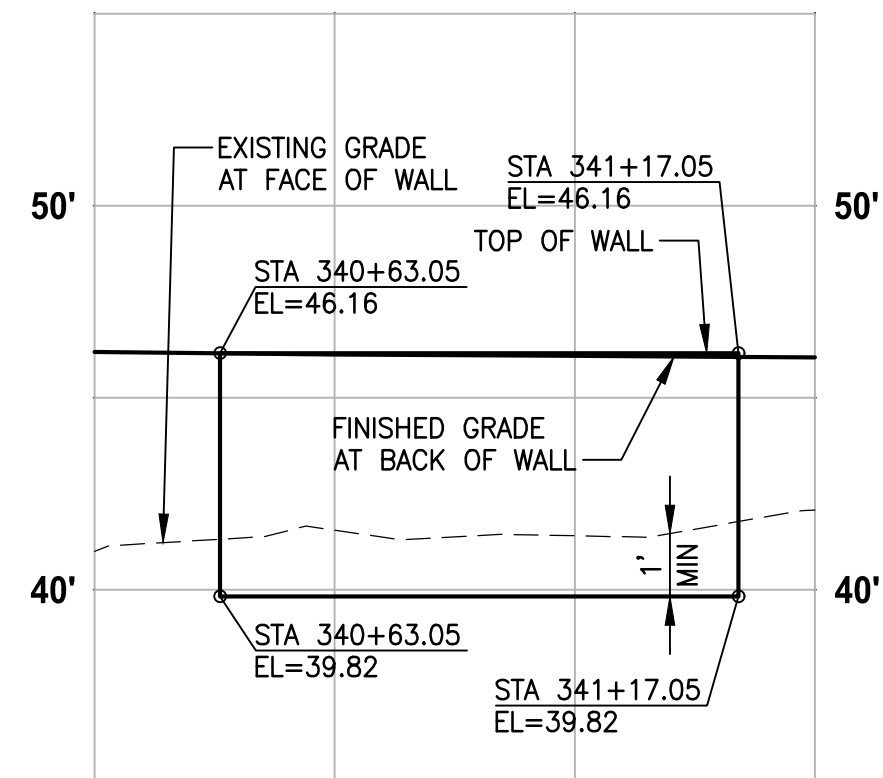
**RIGHT GRAVITY BLOCK WALL
WALL #11A (CUT) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**LEFT STRUCTURAL EARTH WALL
WALL #12A (FILL) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**LEFT STRUCTURAL EARTH WALL
WALL #12B (FILL) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'

NOTE:
SEE SHEET AL13 FOR WALLS
#12C AND #12D ELEVATIONS.

NOTES:

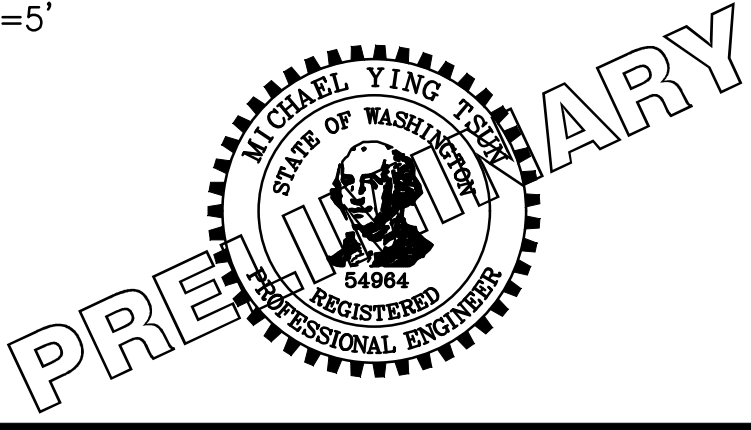
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City Engineer	Date
Community Development	Date

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

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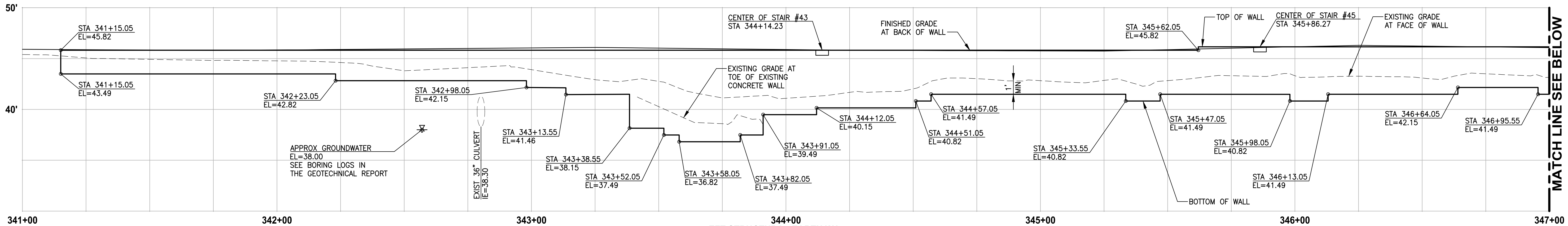
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B SAMMAMISH, WA

WALL PROFILES

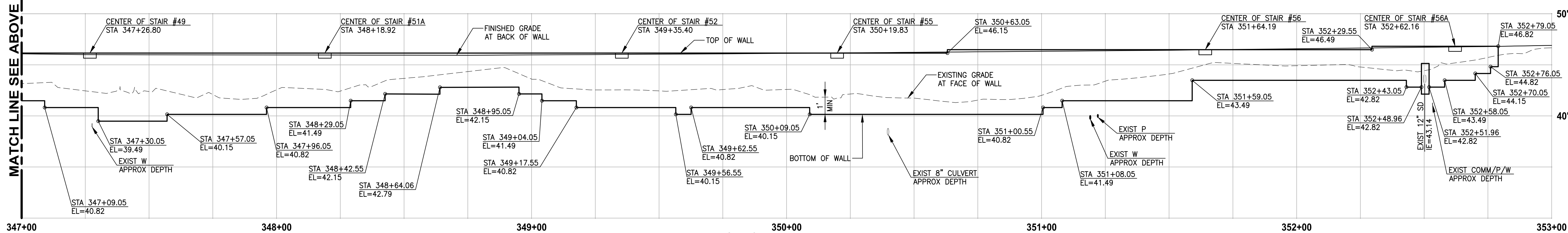
SHEET NO.
196 OF 274
WP3

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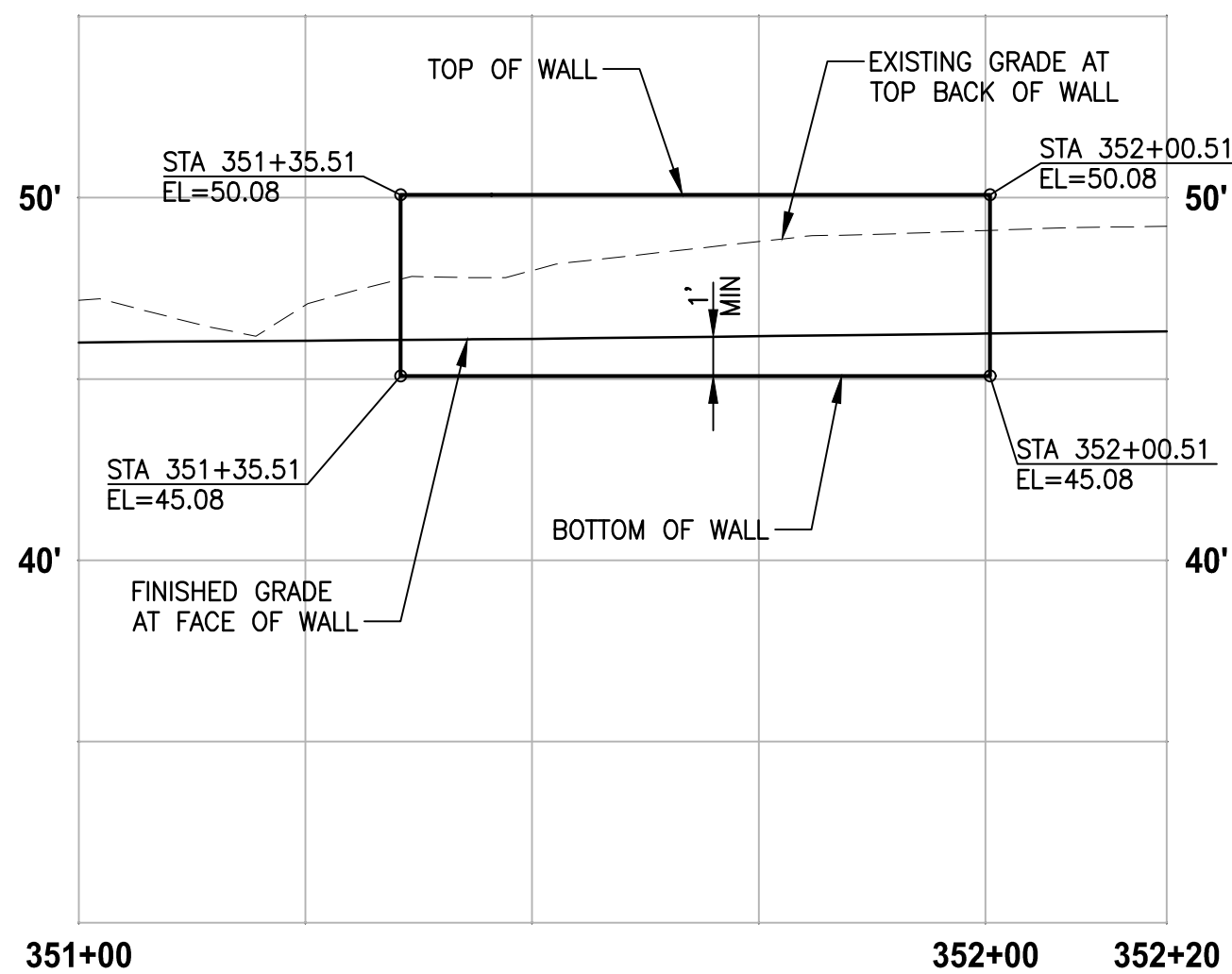
**LEFT STRUCTURAL EARTH WALL
WALL #13 (FILL) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



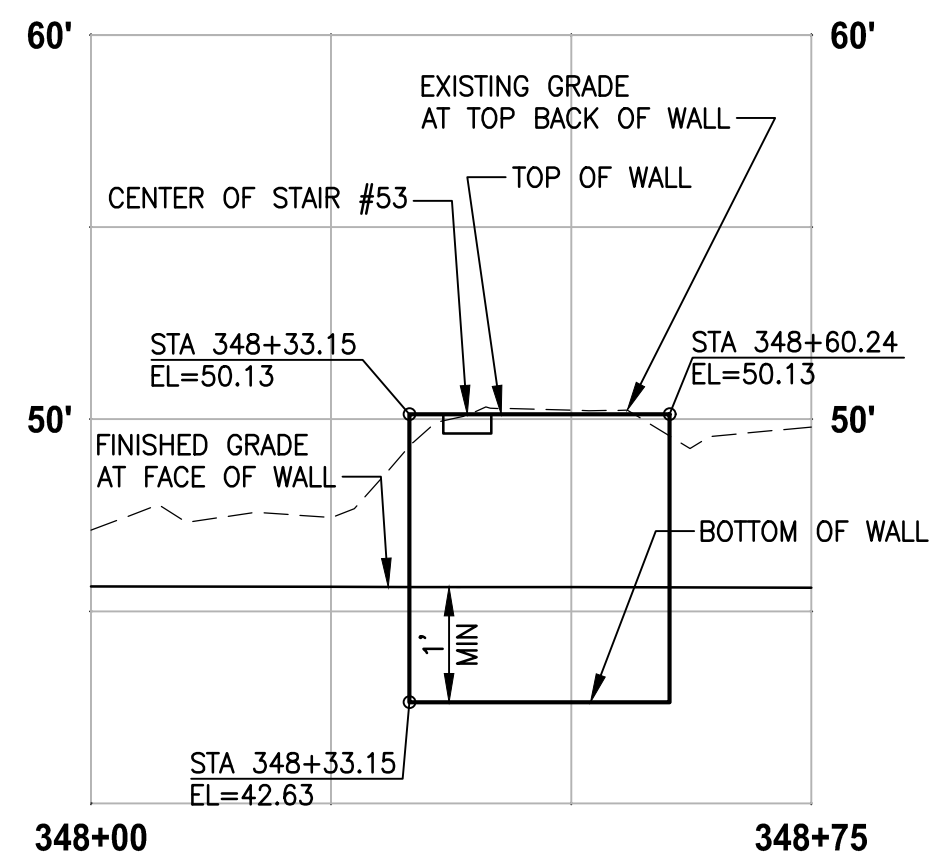
**LEFT STRUCTURAL EARTH WALL
WALL #13 (FILL) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



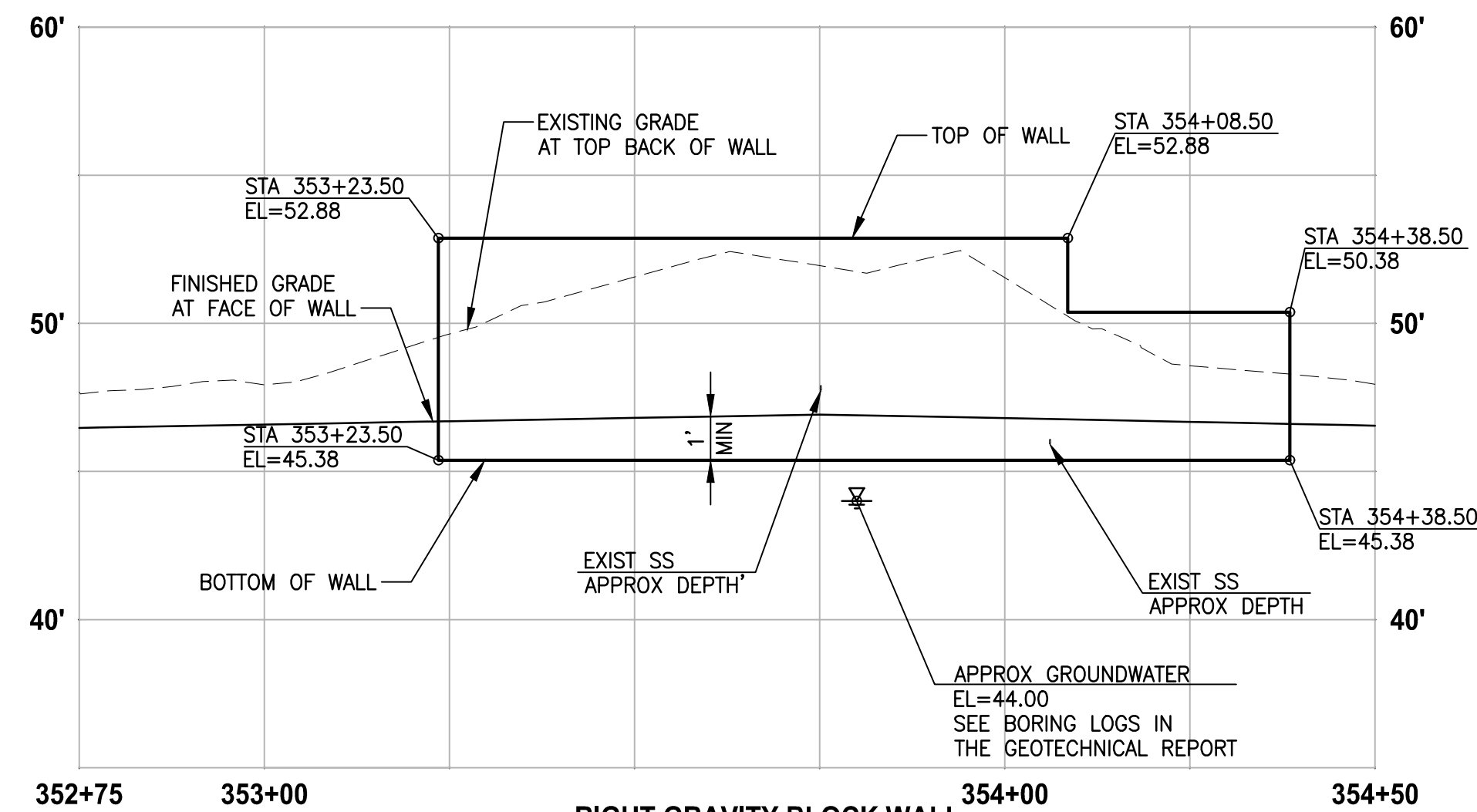
**RIGHT GRAVITY BLOCK WALL
WALL #13A (CUT) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**RIGHT GRAVITY BLOCK WALL
WALL #13B (CUT) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**RIGHT GRAVITY BLOCK WALL
WALL #14 (CUT) B-LINE**

HORIZ: 1"=20'
VERT: 1"=5'

NOTES:

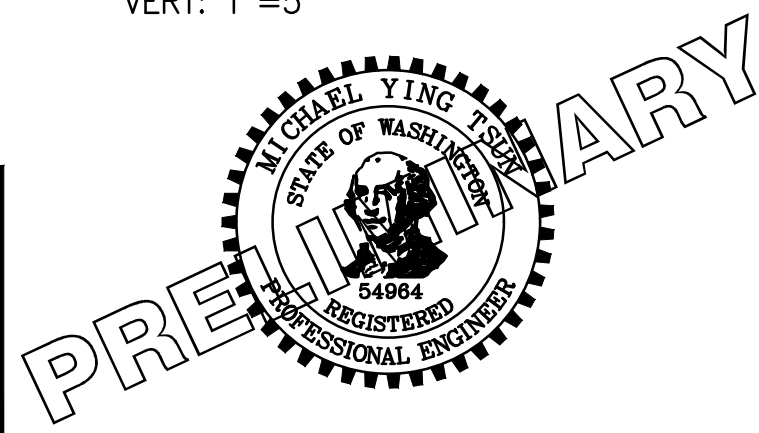
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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

**90 % REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			B. PURGANAN
			CHECKED
			Y. HO
			APPROVED
			J. BAILEY

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BL1521075P19T03WP-01
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PROJECT NAME

**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**

SAMMAMISH, WA

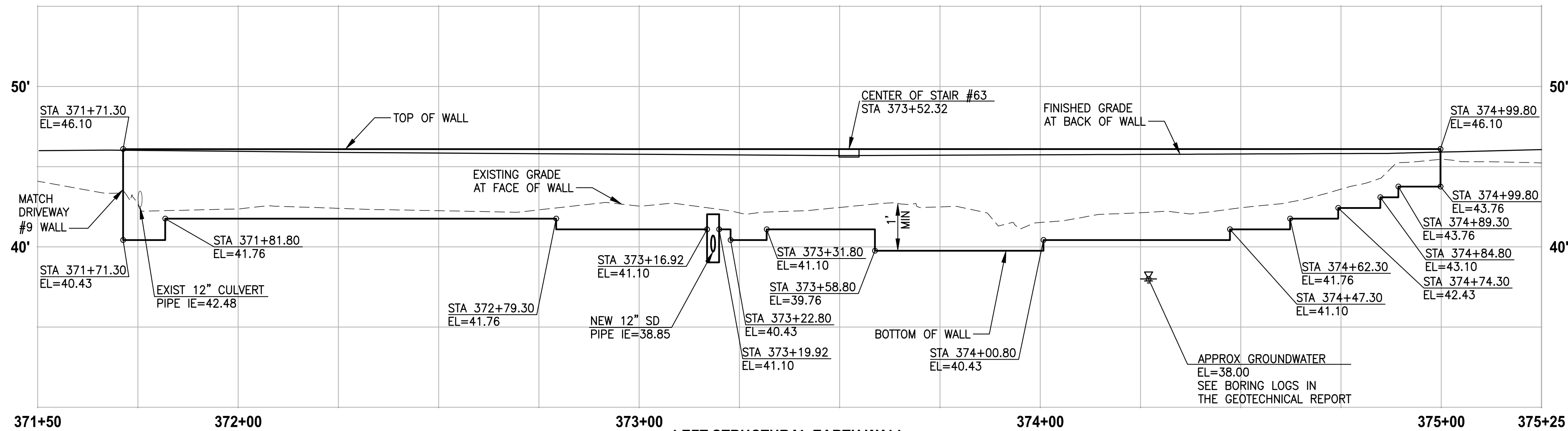
WALL PROFILES

SHEET NO.
197 OF 274

WP4

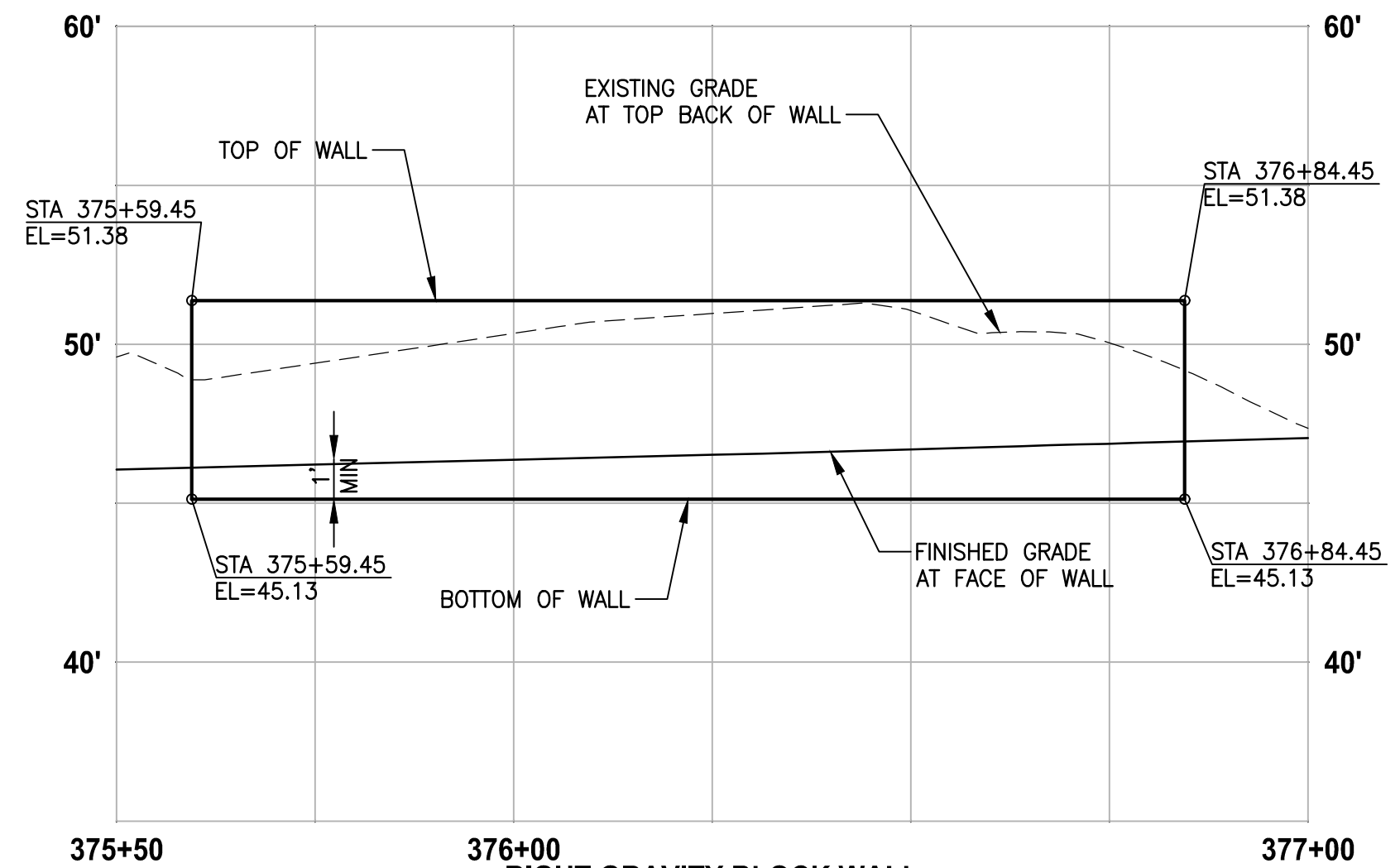
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MATCH LINE SEE ABOVE



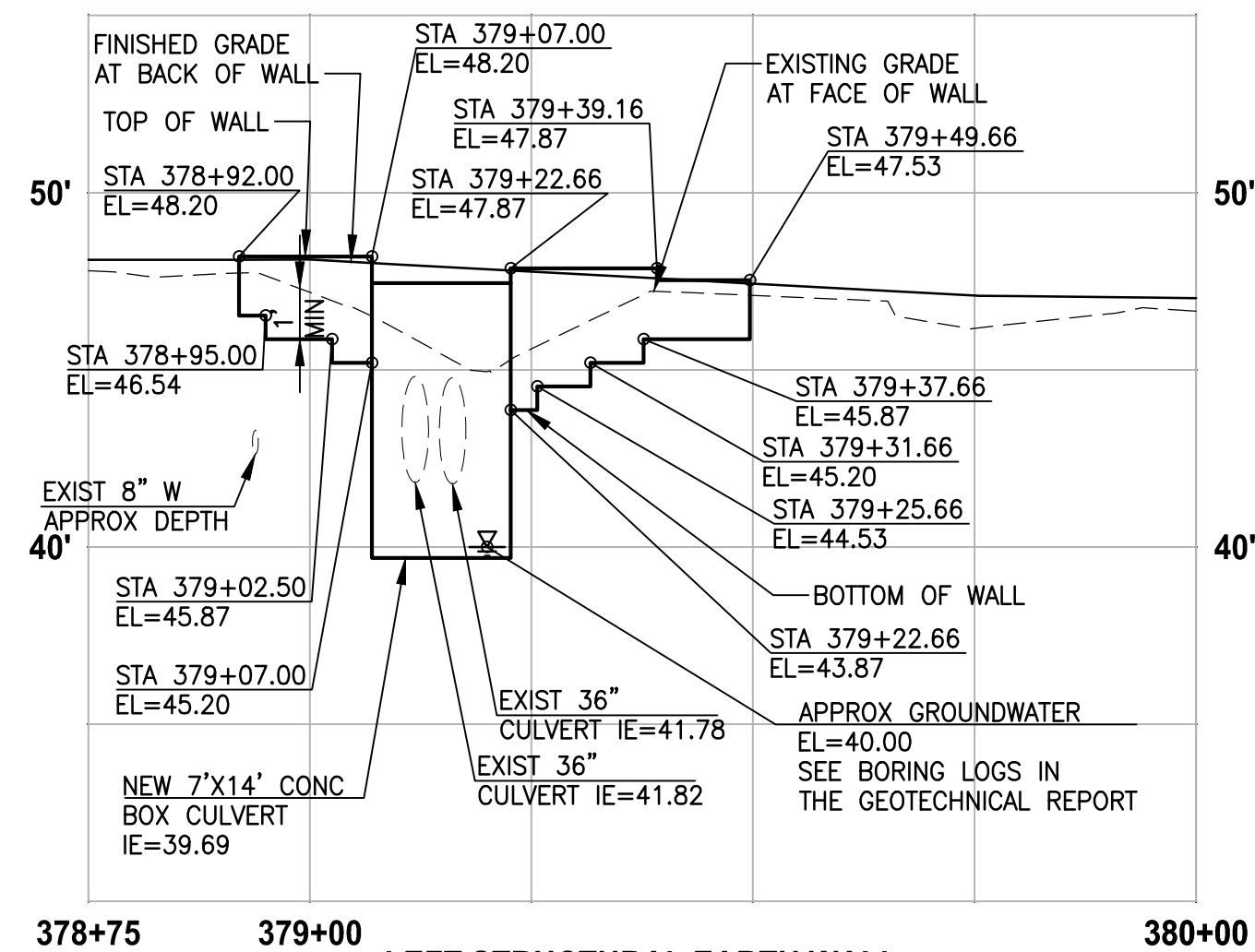
**LEFT STRUCTURAL EARTH WALL
WALL #16 (FILL) C-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



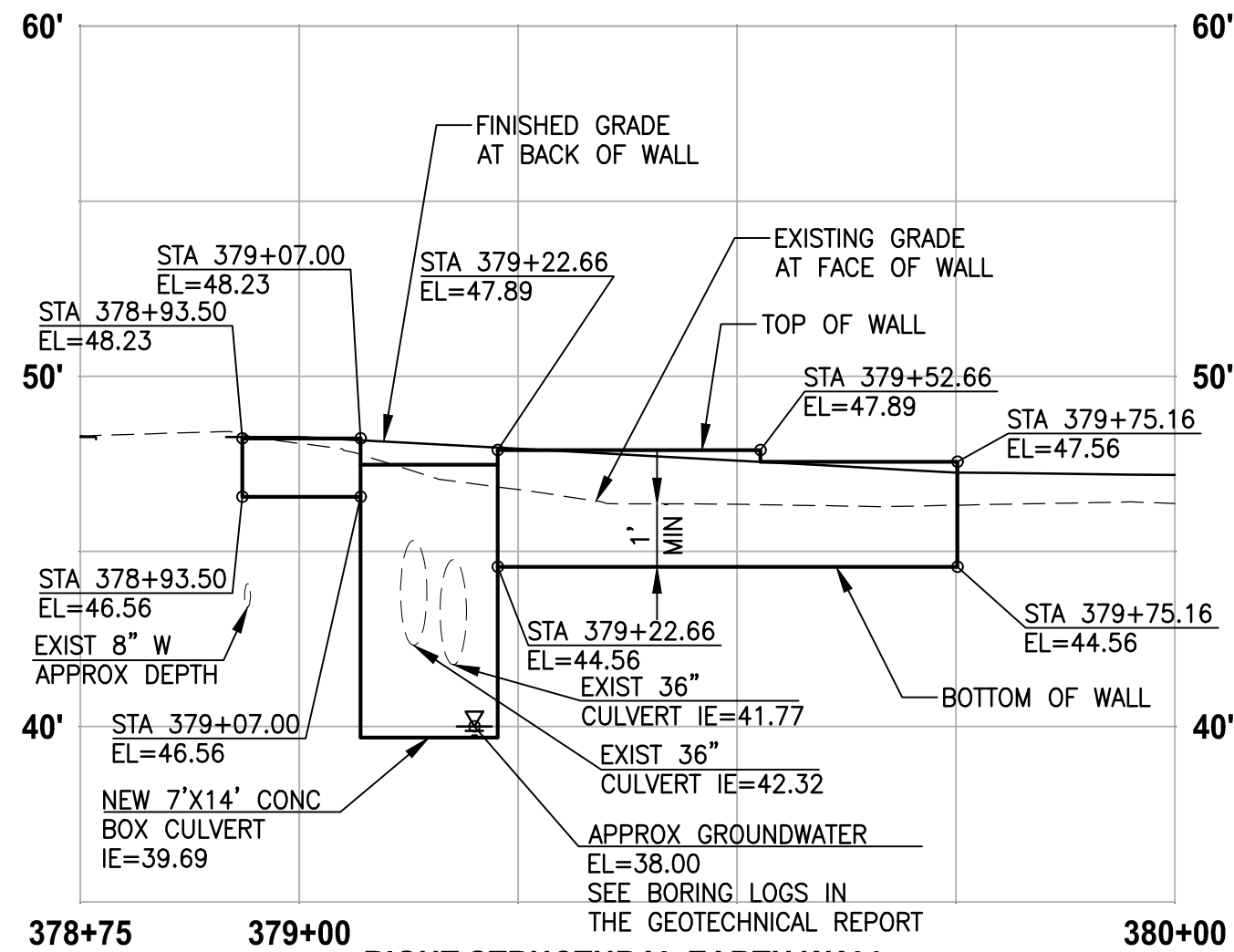
**RIGHT GRAVITY BLOCK WALL
WALL #17 (CUT) C-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



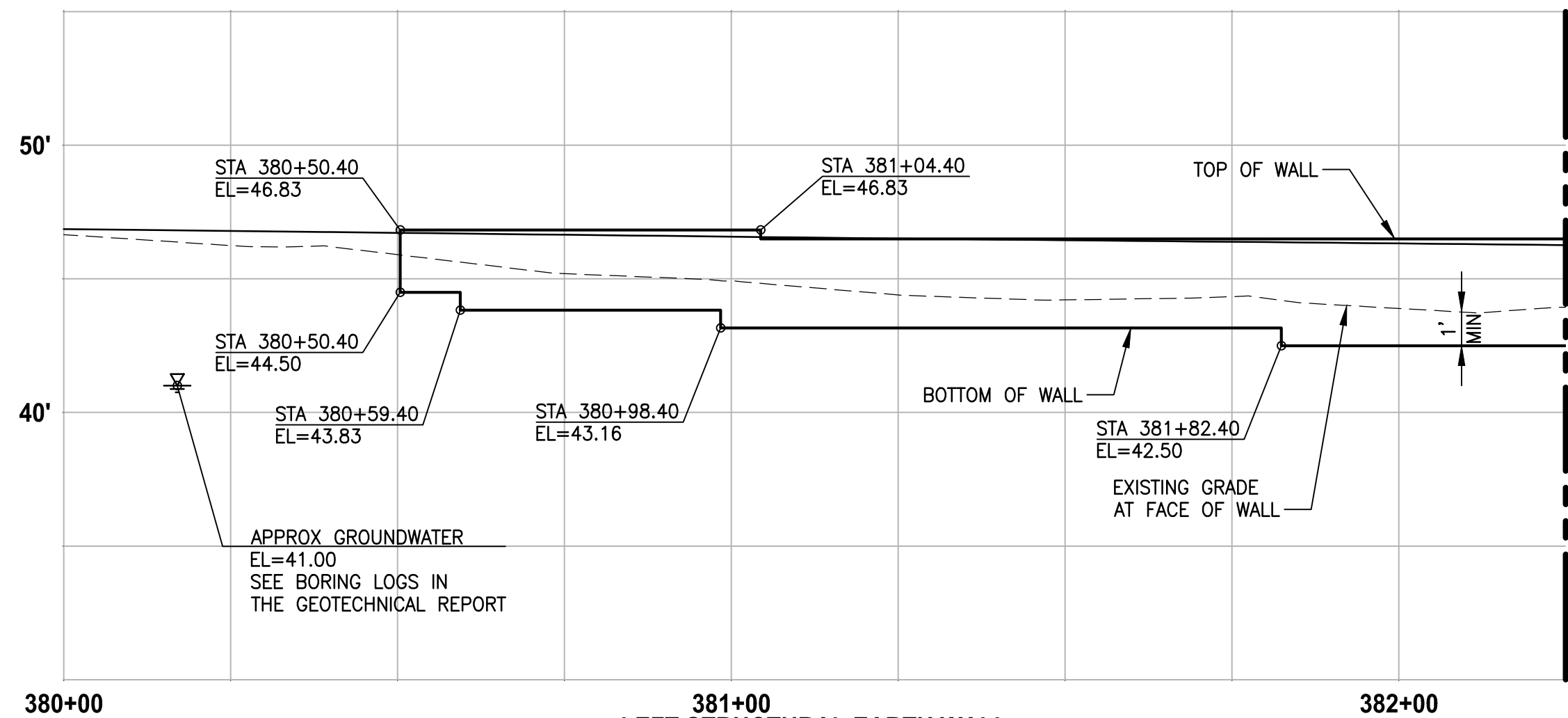
**LEFT STRUCTURAL EARTH WALL
WALL #18 (FILL) C-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**RIGHT STRUCTURAL EARTH WALL
WALL #19 (FILL) C-LINE**

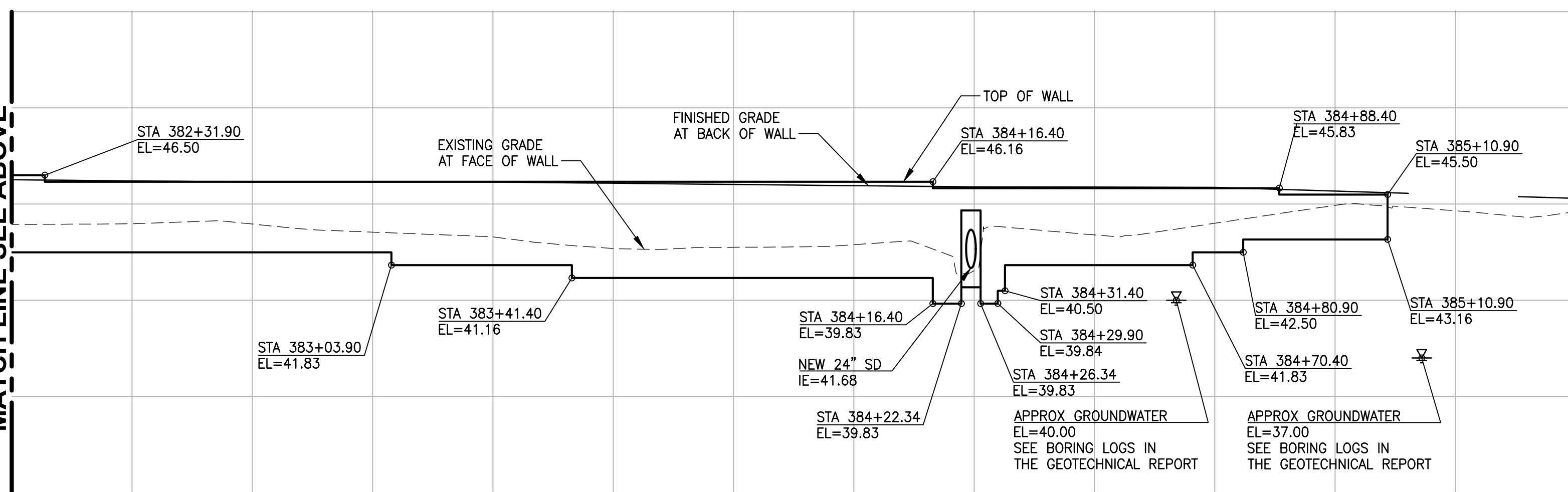
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**LEFT STRUCTURAL EARTH WALL
WALL #20 (FILL) C-LINE**

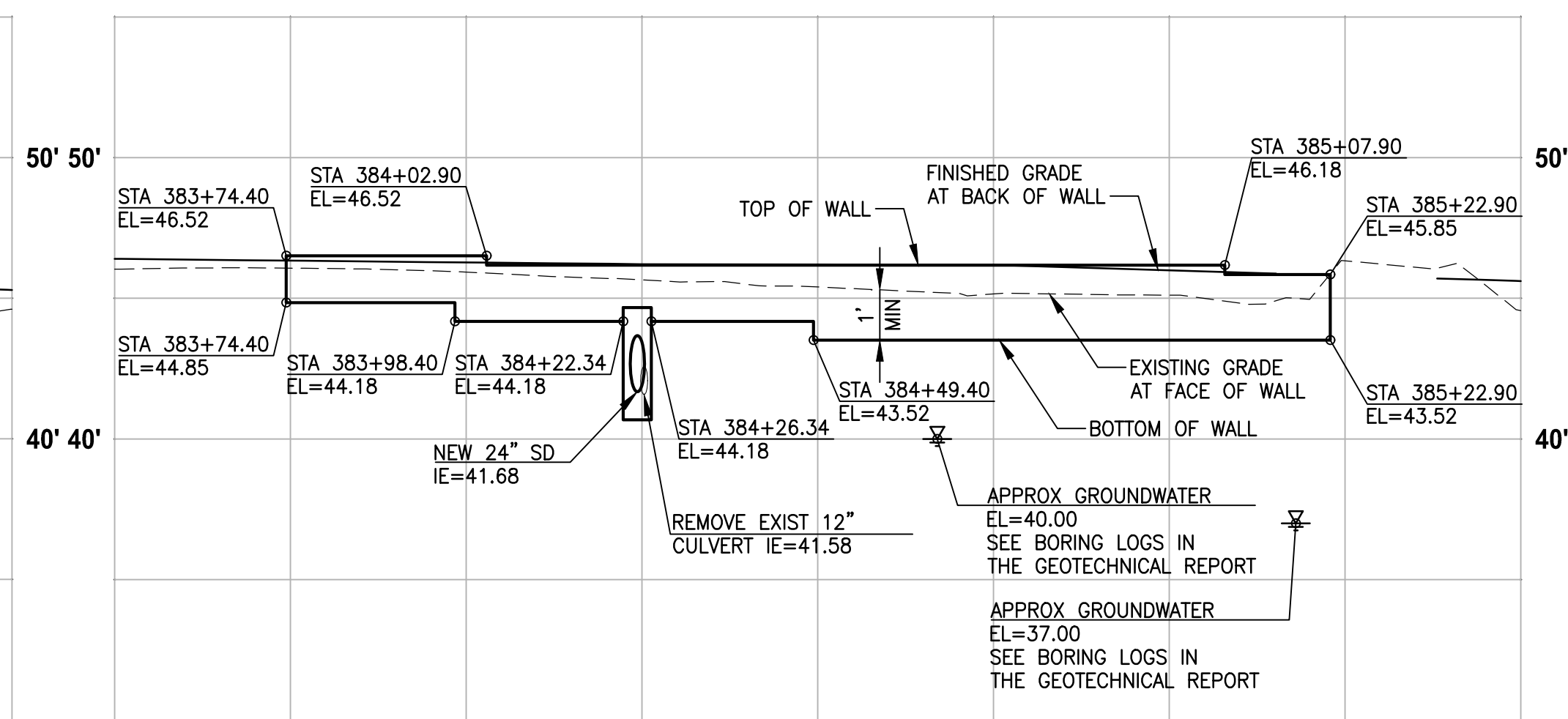
HORIZ: 1"=20'
VERT: 1"=5'

MATCH LINE SEE BELOW



**LEFT STRUCTURAL EARTH WALL
WALL #20 (FILL) C-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**RIGHT STRUCTURAL EARTH WALL
WALL #21 (FILL) C-LINE**

HORIZ: 1"=20'
VERT: 1"=5'

NOTES:

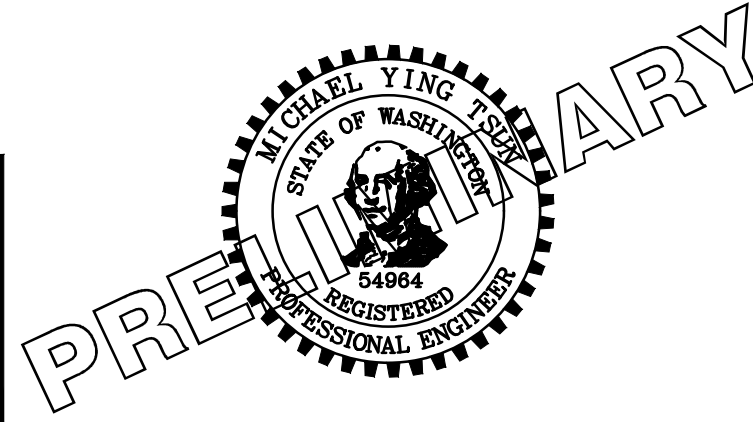
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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
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			APPROVED
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PROJECT NAME

**EAST LAKE SAMMAMISH
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SOUTH SAMMAMISH SEGMENT B**

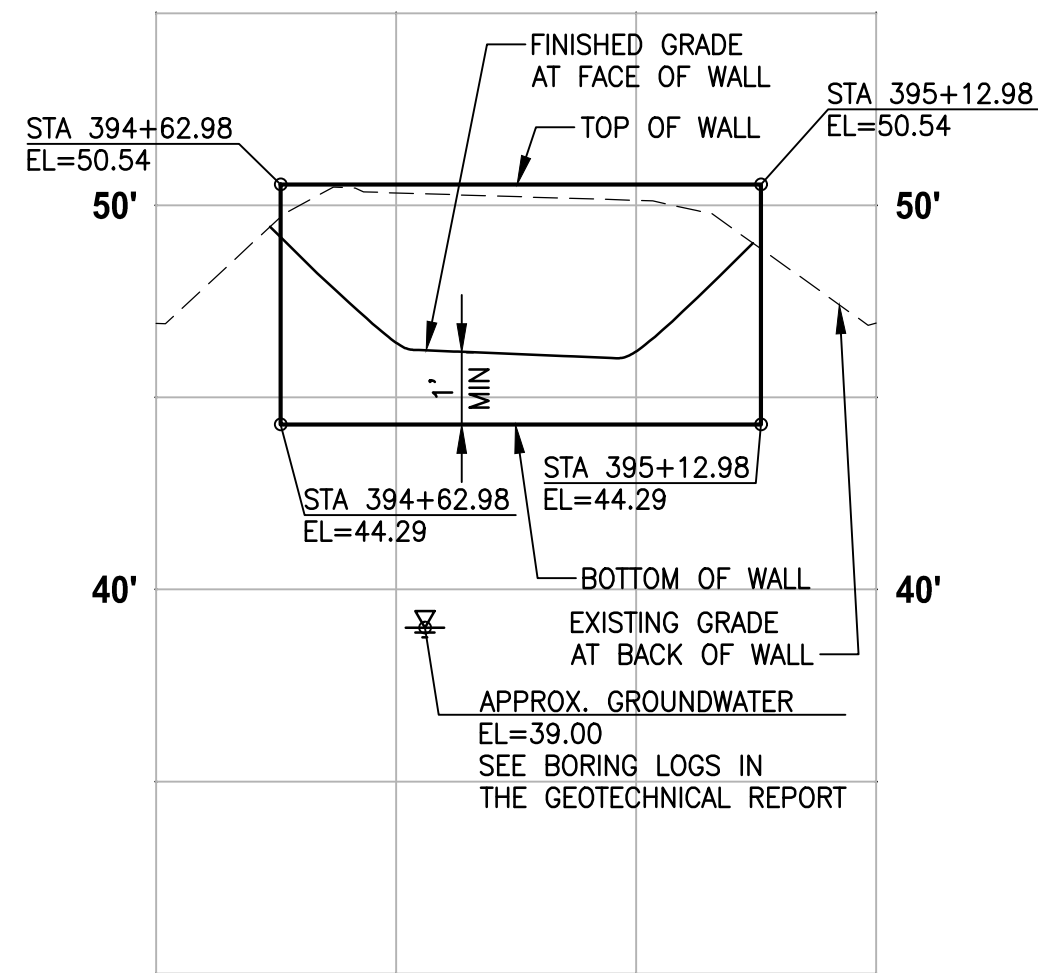
SAMMAMISH, WA

WALL PROFILES

SHEET NO.
199 OF 274

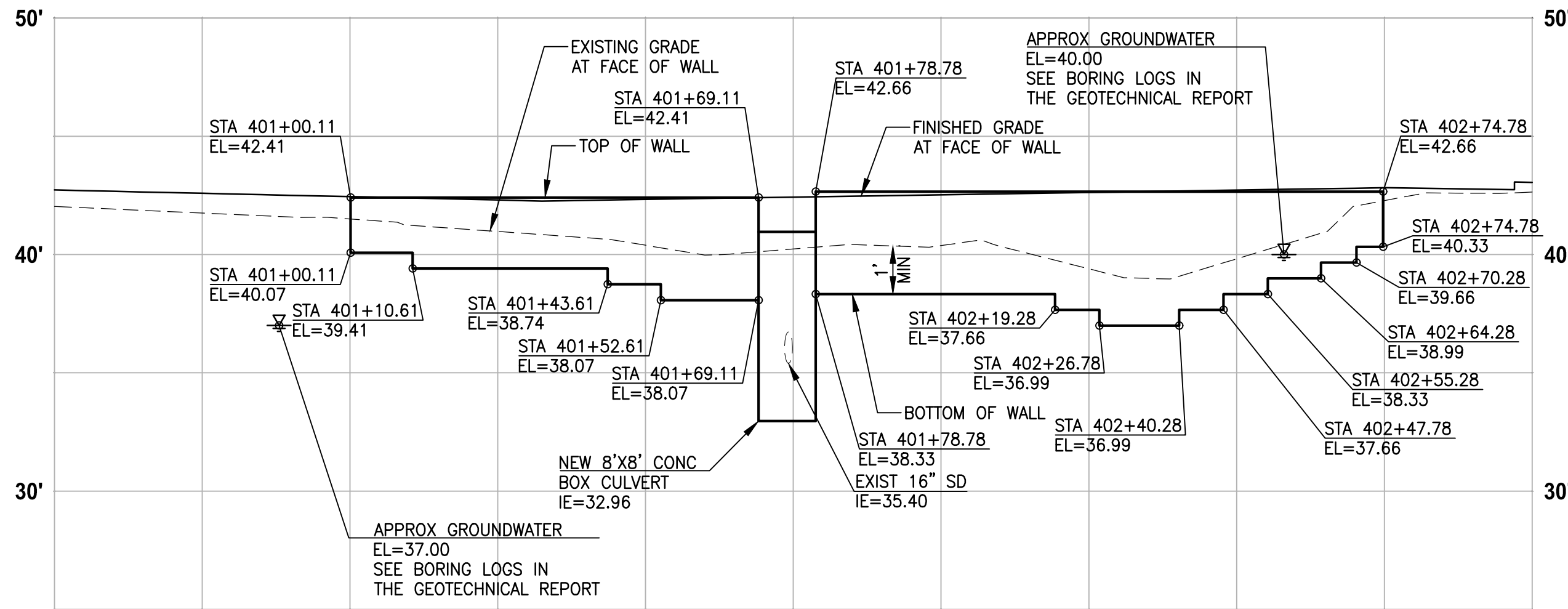
WP6

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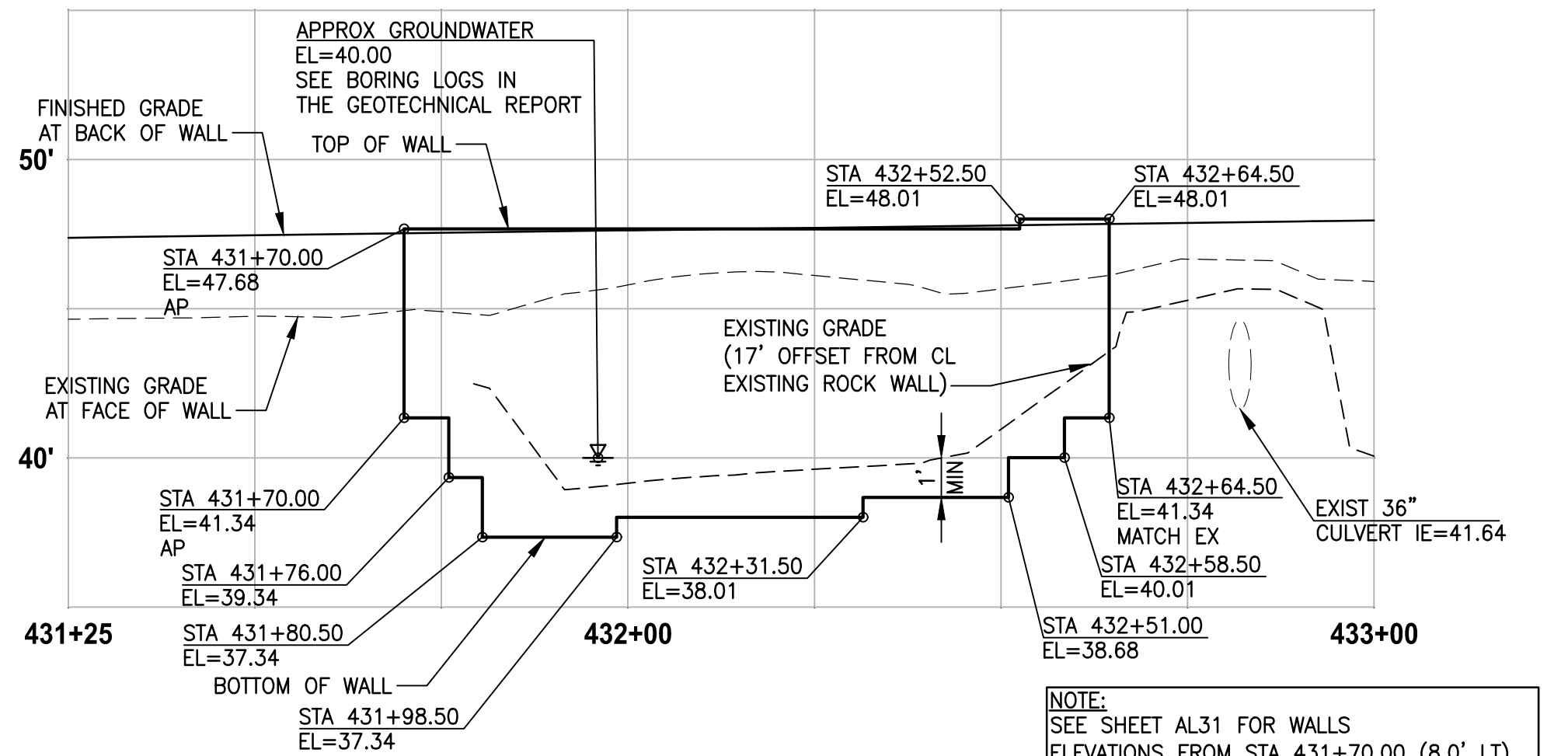
**RIGHT GRAVITY BLOCK WALL
WALL #21A (CUT) C-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**RIGHT STRUCTURAL EARTH WALL
WALL #22 (FILL) C-LINE**

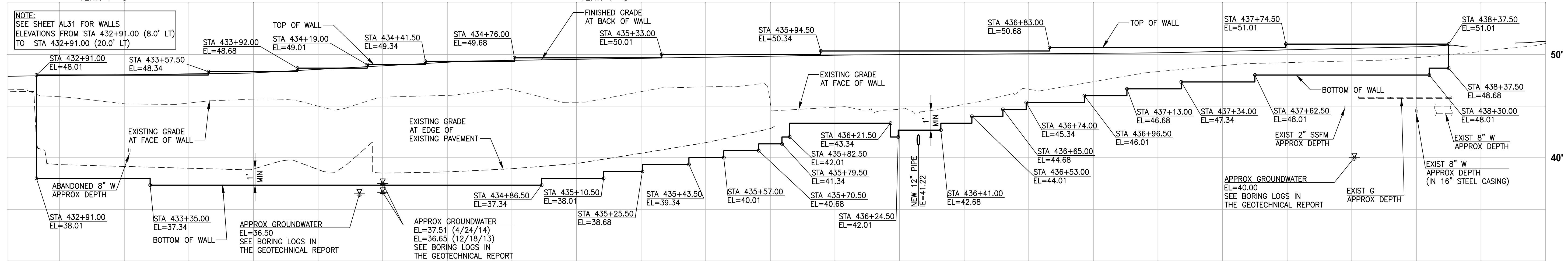
HORIZ: 1"=20'
VERT: 1"=5'



**LEFT STRUCTURAL EARTH WALL
WALL #29 (FILL) D-LINE**

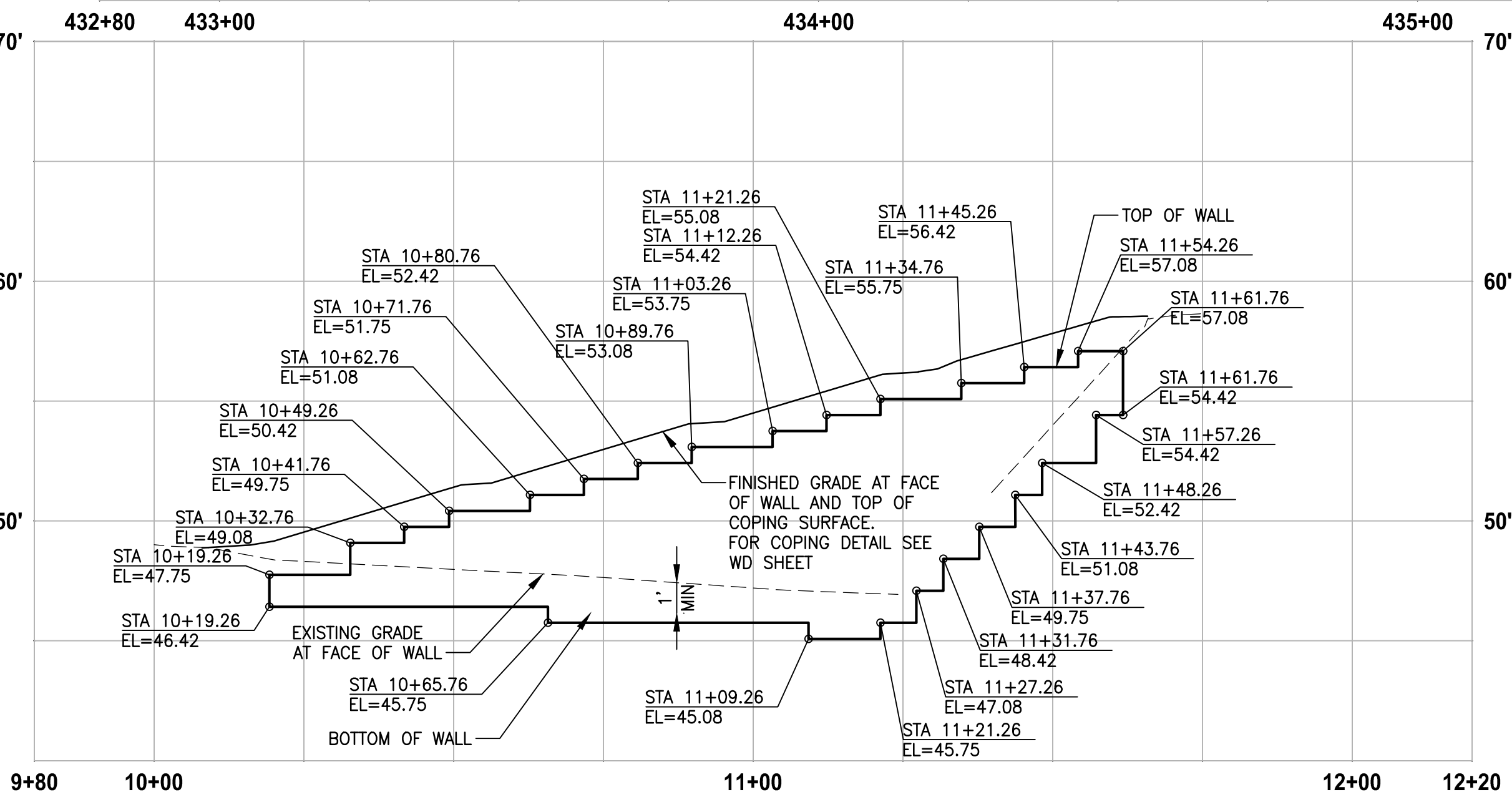
HORIZ: 1"=20'
VERT: 1"=5'

NOTE:
SEE SHEET AL31 FOR WALLS
ELEVATIONS FROM STA 431+70.00 (8.0' LT)
TO STA 431+70.00 (23.3' LT) AND
STA 432+64.50 (8.0' LT) TO STA 432+64.50
(18.5' LT)



**LEFT STRUCTURAL EARTH WALL
WALL #30 (FILL) D-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**RIGHT STRUCTURAL EARTH WALL
WALL #31A (FILL) D2-LINE**

HORIZ: 1"=20'
VERT: 1"=5'

NOTES:

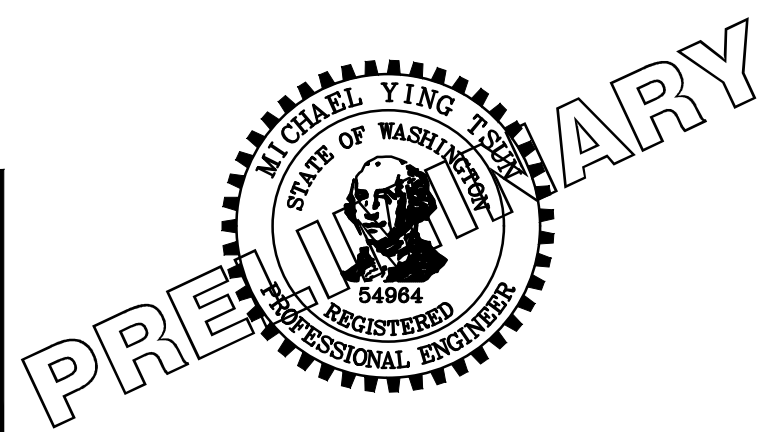
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			M. TSUN
			DRAWN
			B. PURGANAN
			CHECKED
			Y. HO
			APPROVED
			J. BAILEY

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME
BL1521075P19T03WP-01
JOB No.
554-1521-075 P19 T03
DATE
FEBRUARY 2019



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PROJECT NAME

**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**

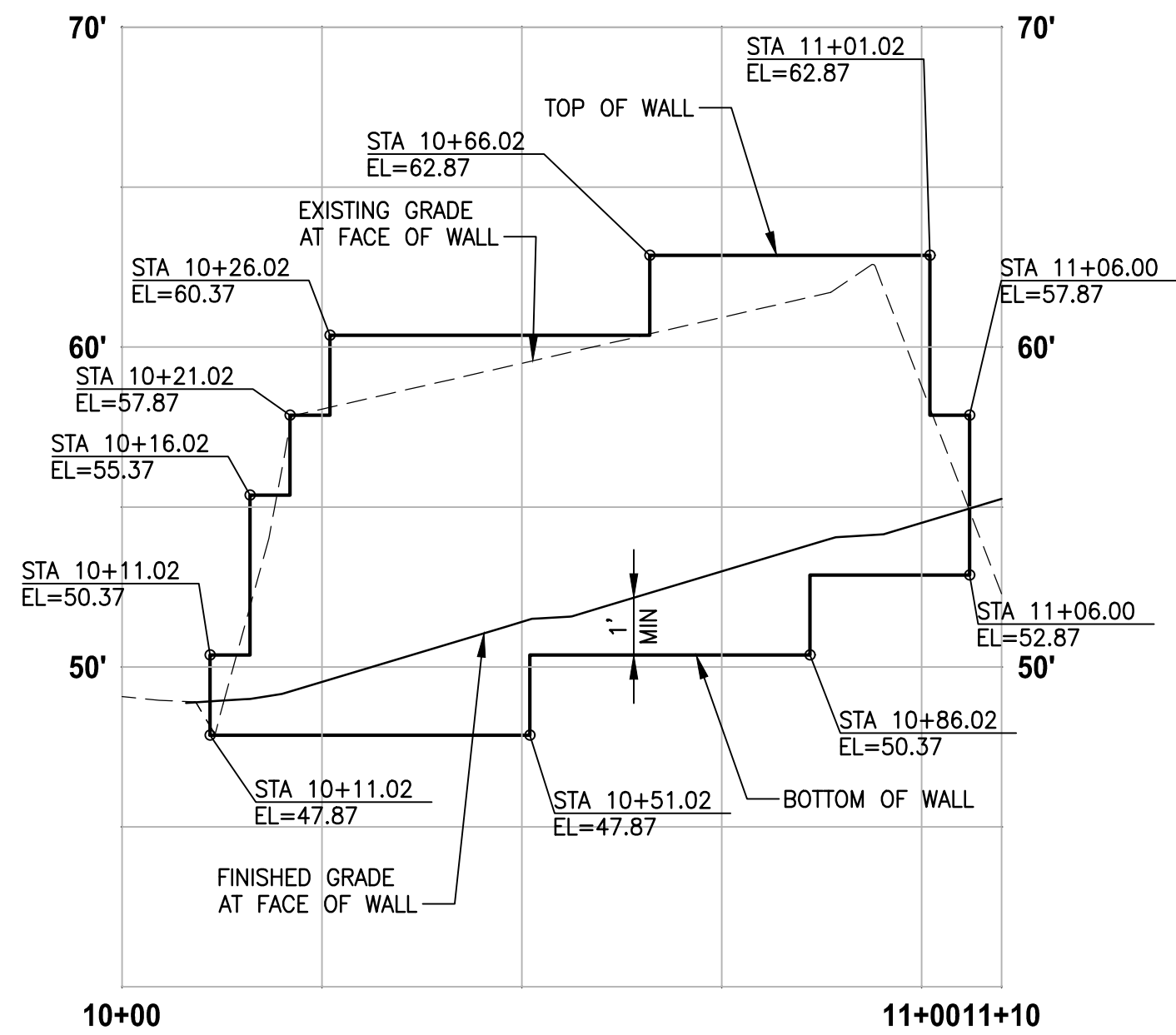
SAMMAMISH, WA

WALL PROFILES

SHEET NO.
200 OF 274

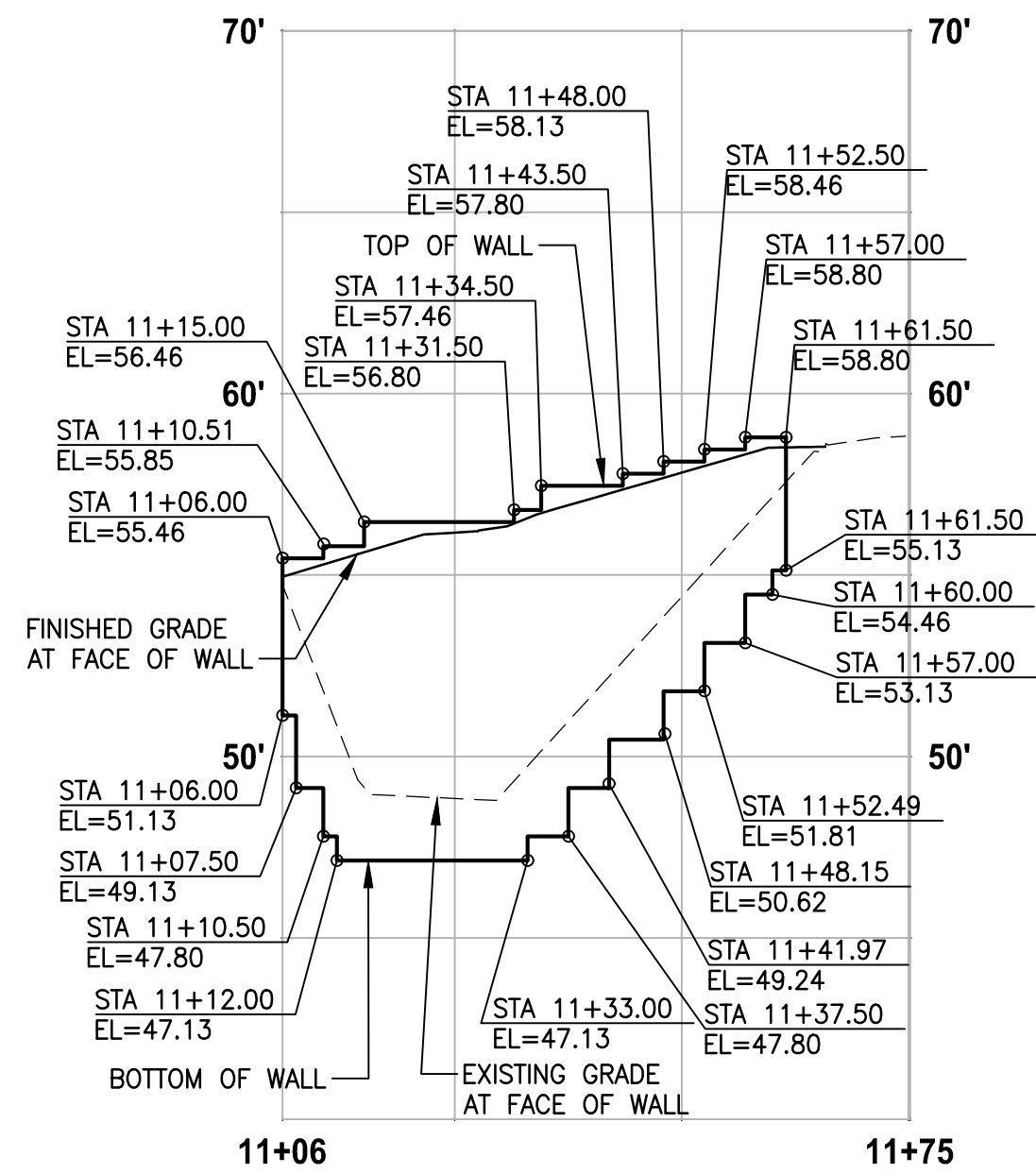
WP7

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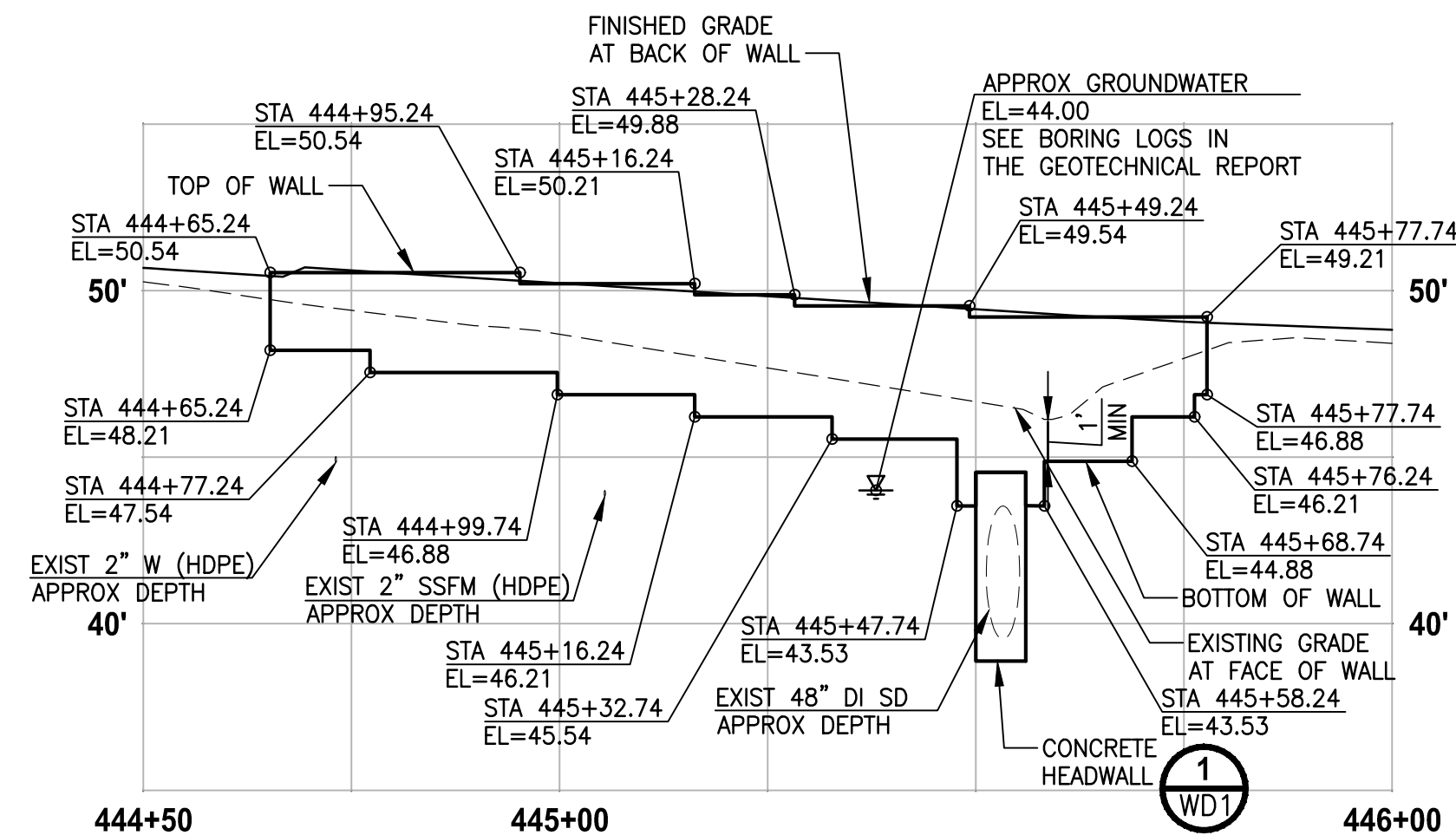
**LEFT REDIROCK WALL
WALL #31B (CUT) D-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



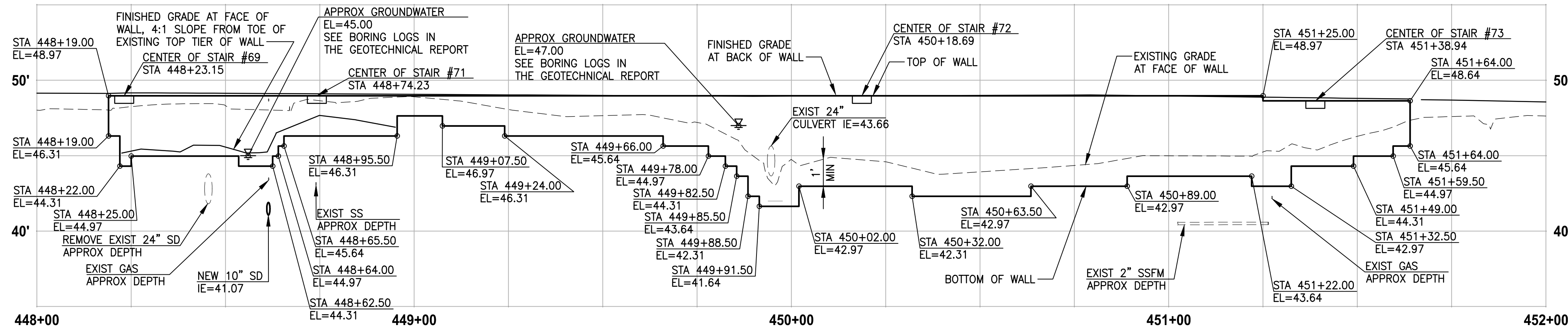
**LEFT STRUCTURAL EARTH WALL
WALL #31C (FILL) D-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



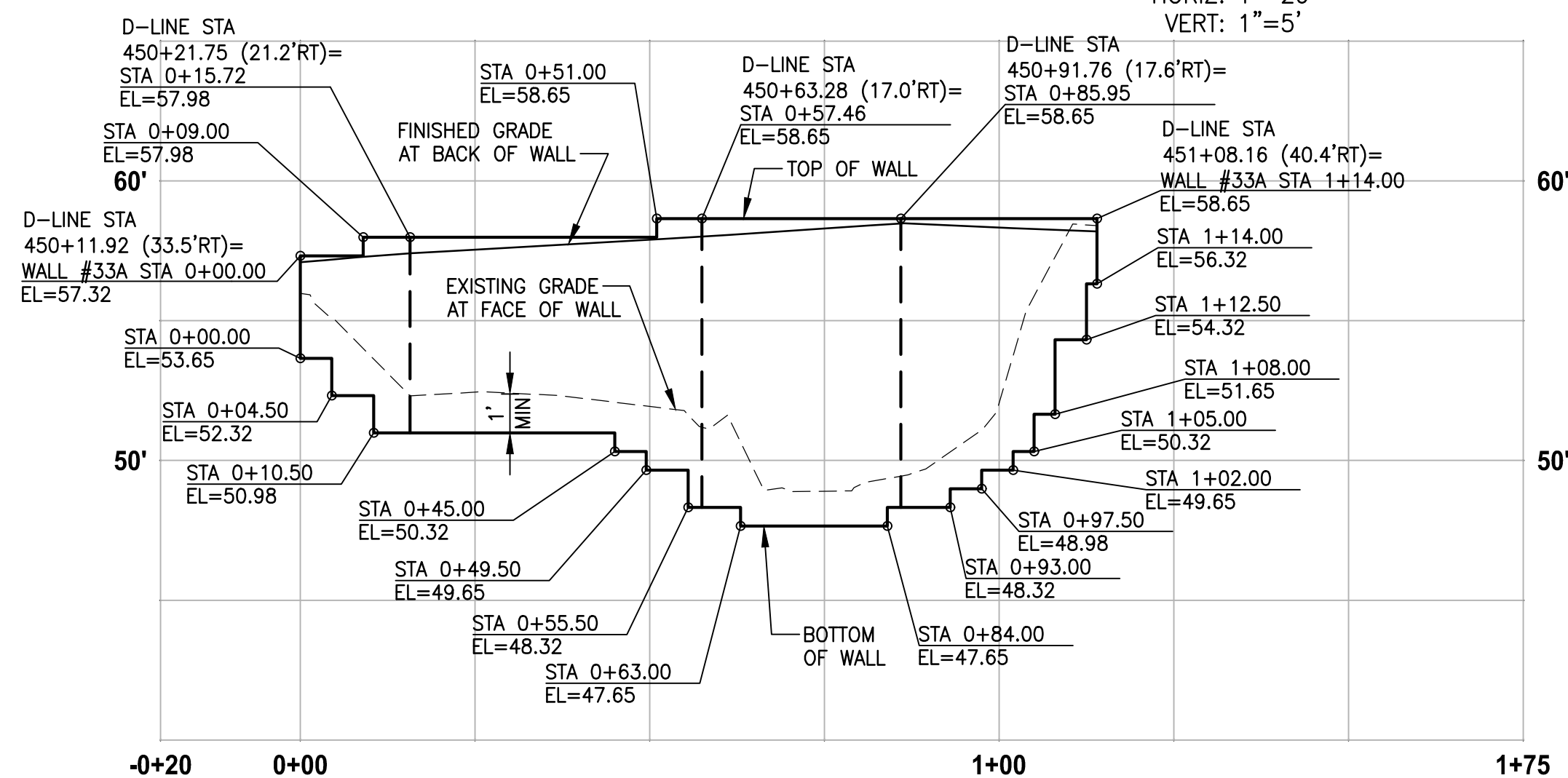
**LEFT STRUCTURAL EARTH WALL
WALL #32 (FILL) D-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**LEFT STRUCTURAL EARTH WALL
WALL #33 (FILL) D-LINE**

HORIZ: 1"=20'
VERT: 1"=5'



**RIGHT STRUCTURAL EARTH WALL
WALL #33A (FILL) W-LINE**

HORIZ: 1"=20'
VERT: 1"=5'

NOTES:

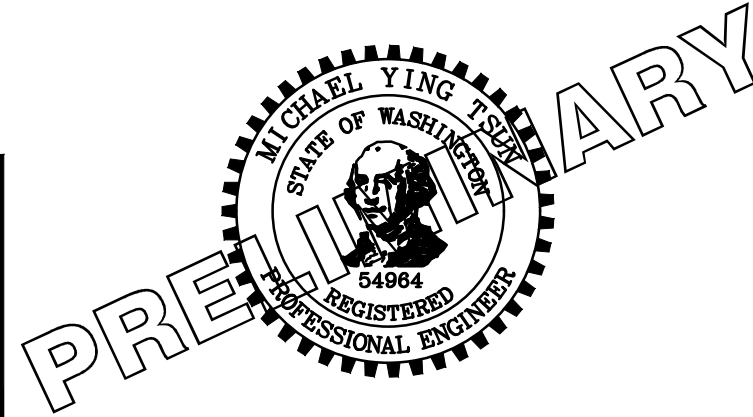
- EXISTING UTILITIES ARE APPROXIMATE AND BASED ON AVAILABLE RECORD DRAWINGS. CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTH AS AUTHORIZED BY THE ENGINEER.
- SEE SHEET WD2 FOR DETAIL OF CASING/SLEEVES FOR EXISTING UTILITIES BENEATH WALLS.
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- ELEVATIONS AT STAIRS ALONG FACE OF FILL WALL ARE 4" LOWER THAN THE TOP OF THE FILL WALL ELEVATION. SEE PLAN AND PROFILE SHEETS AL1-AL39 FOR STAIR TOP AND BOTTOM ELEVATIONS.
- CONTRACTOR MUST OBTAIN A BUILDING PERMIT PRIOR TO START OF WALL CONSTRUCTION ACTIVITY. SEE SPECIAL PROVISIONS.
- SEE UT AND SD SHEETS FOR UNDERDRAIN PIPES AND CLEANOUT LOCATIONS AND PROFILES.

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

**90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION**

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

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BL1521075P19T03WP-01
JOB No. 554-1521-075 P19 T03
DATE FEBRUARY 2019



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PROJECT NAME

**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**

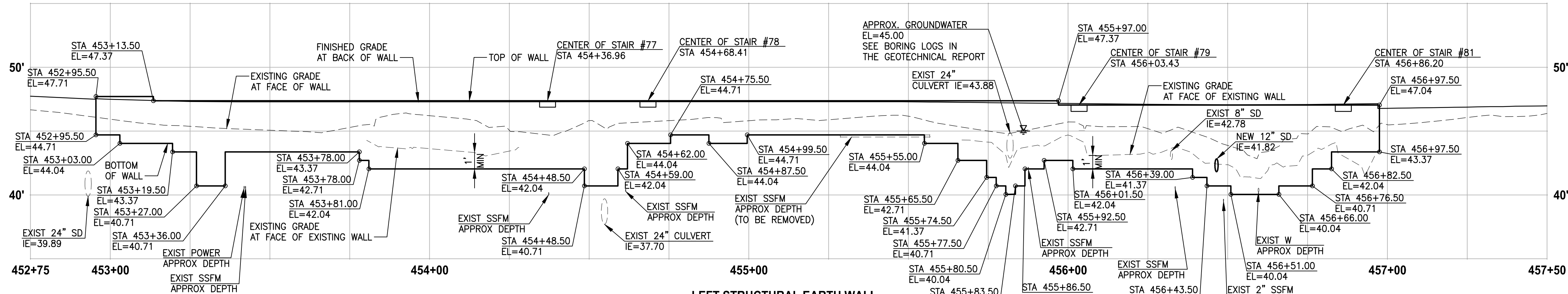
SAMMAMISH, WA

WALL PROFILES

WP8

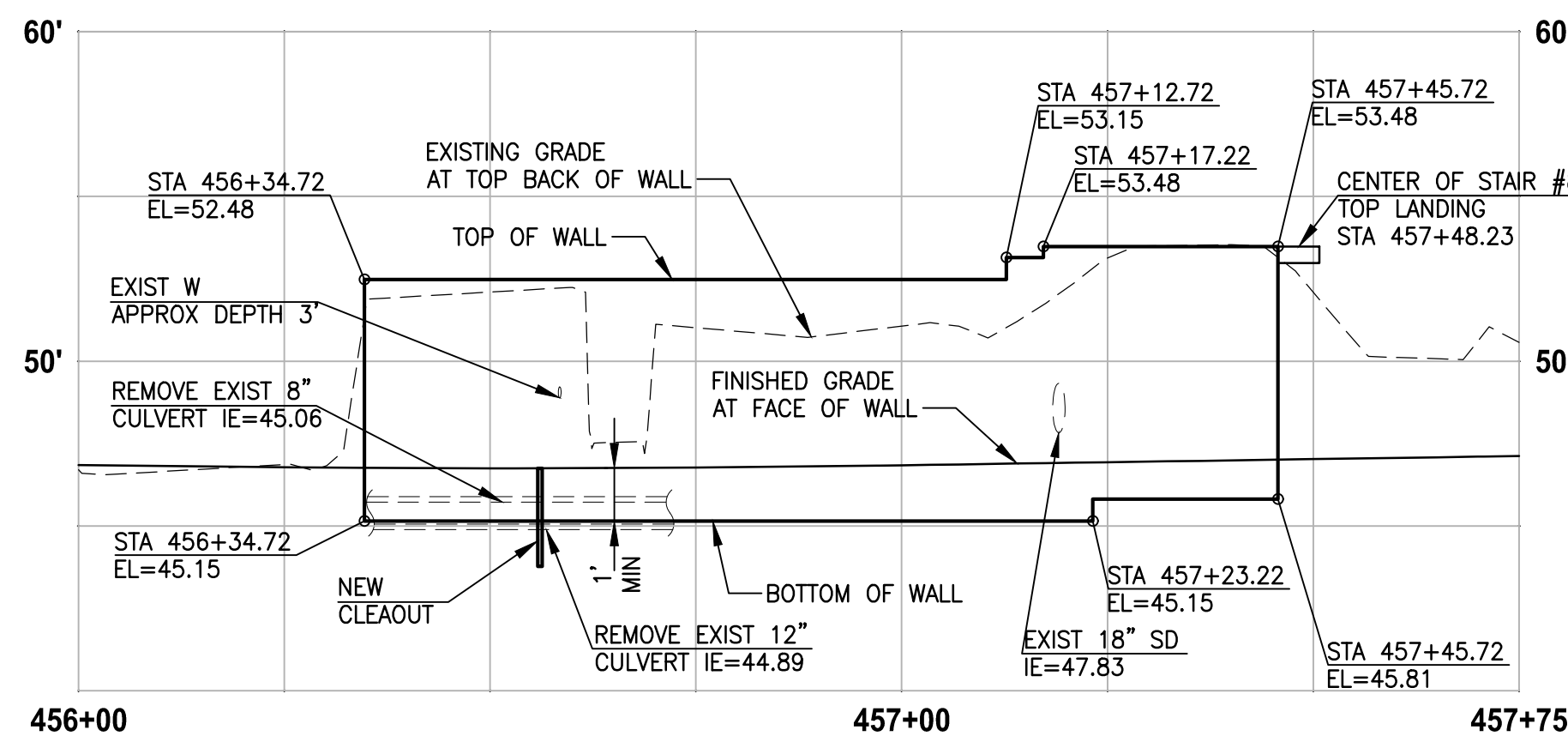
SHEET NO.
201 OF 274

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\985\CS\19\T03 Civil\DWG\ LAYOUT: WP9 PLOTTED BY: purgaban DATE: Wednesday, February 27, 2019 9:17:27 PM



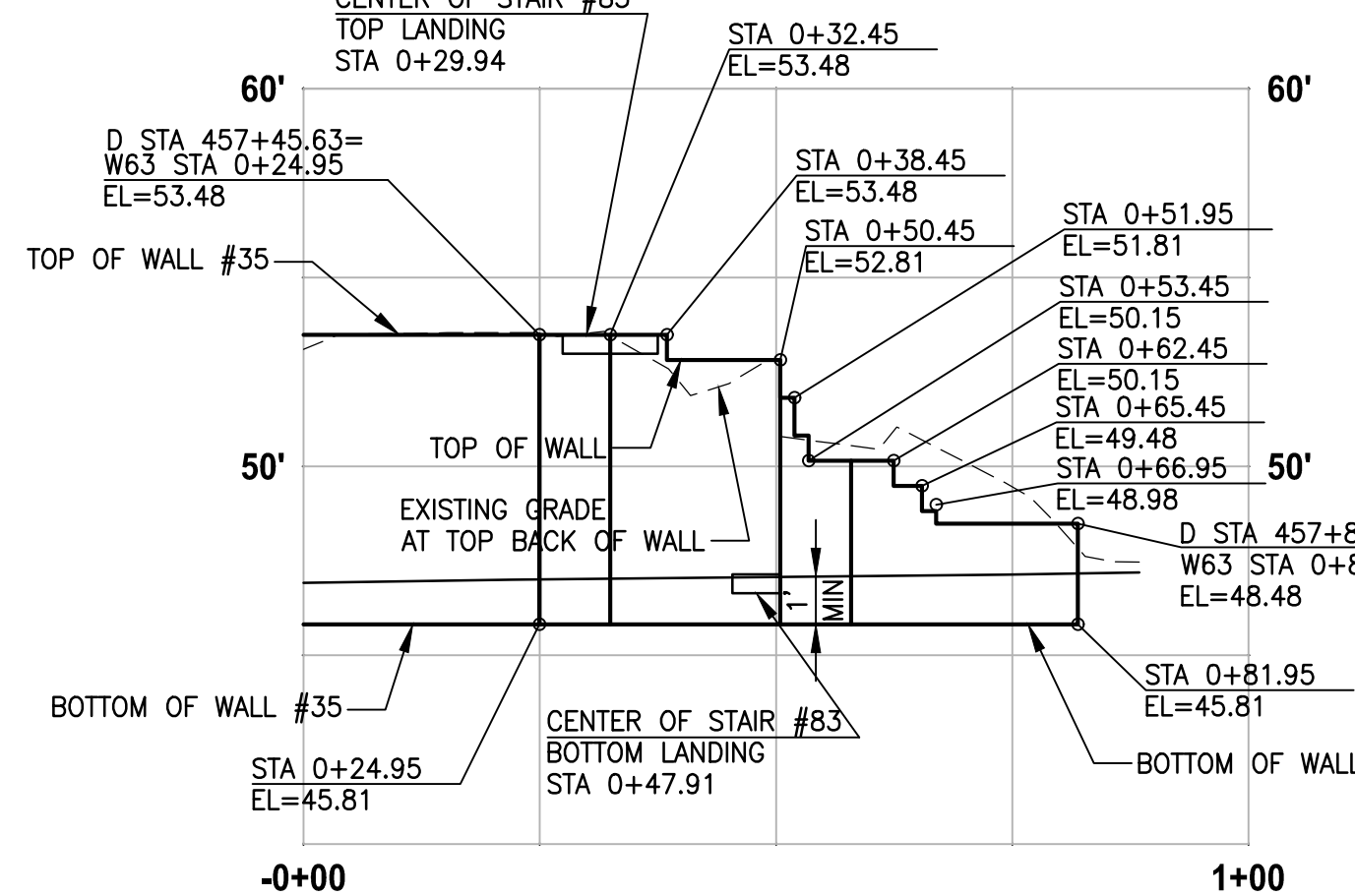
LEFT STRUCTURAL EARTH WALL
WALL #34 (FILL) D-LINE

HORIZ: 1"=20'
VERT: 1"=5'



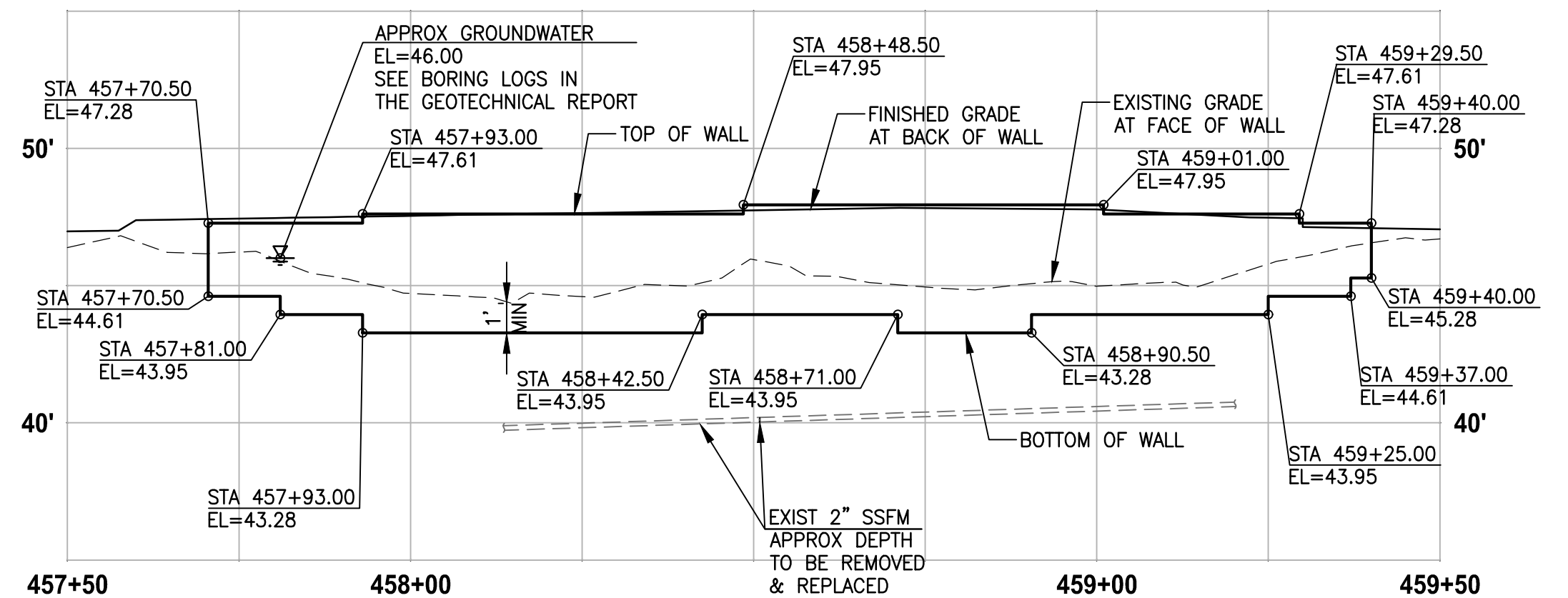
RIGHT STRUCTURAL EARTH WALL
WALL #35 (CUT) D-LINE

HORIZ: 1"=20'
VERT: 1"=5'



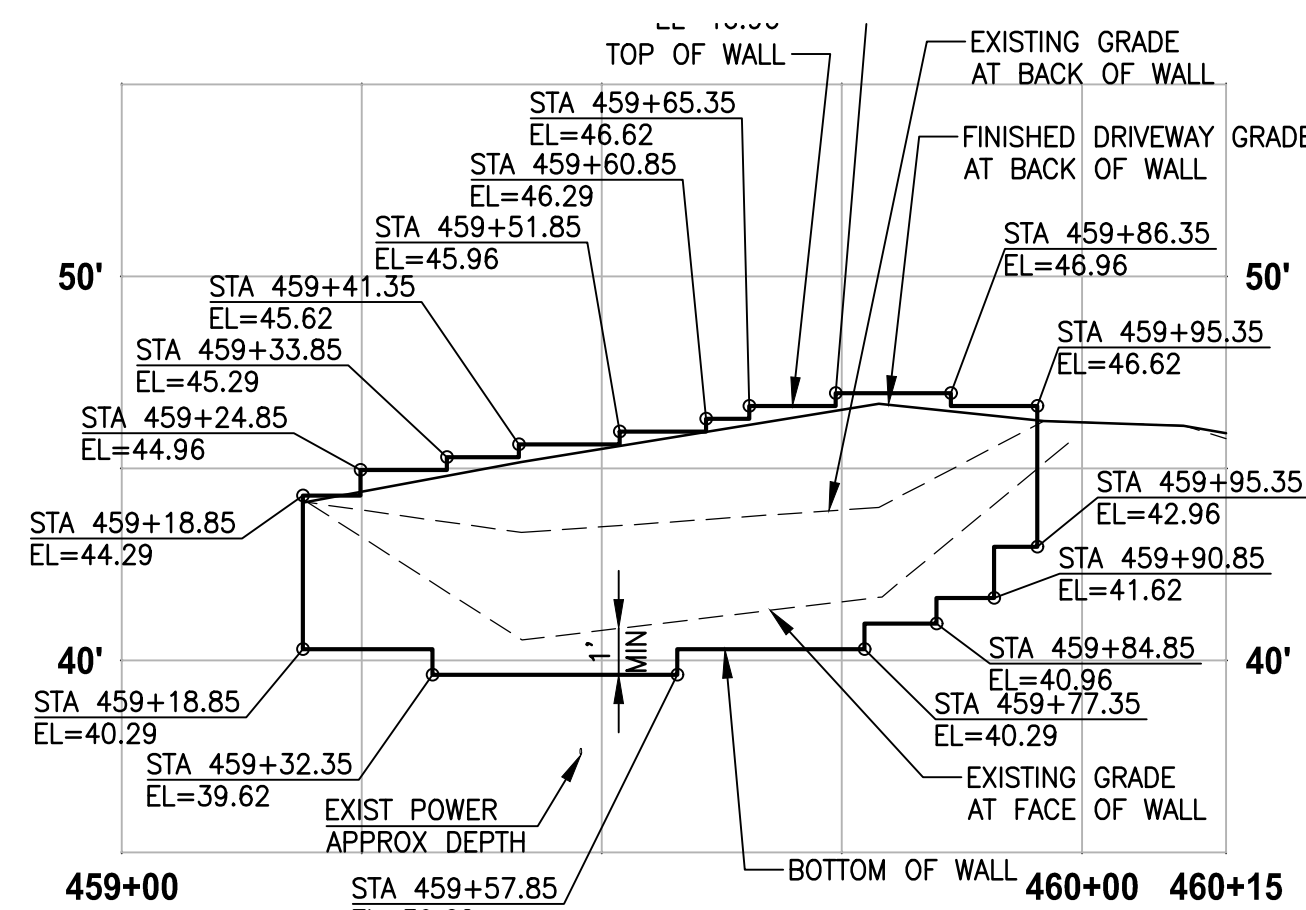
RIGHT STRUCTURAL EARTH WALL
WALL #36 (CUT) D-LINE REFERENCE

HORIZ: 1"=20'
VERT: 1"=5'



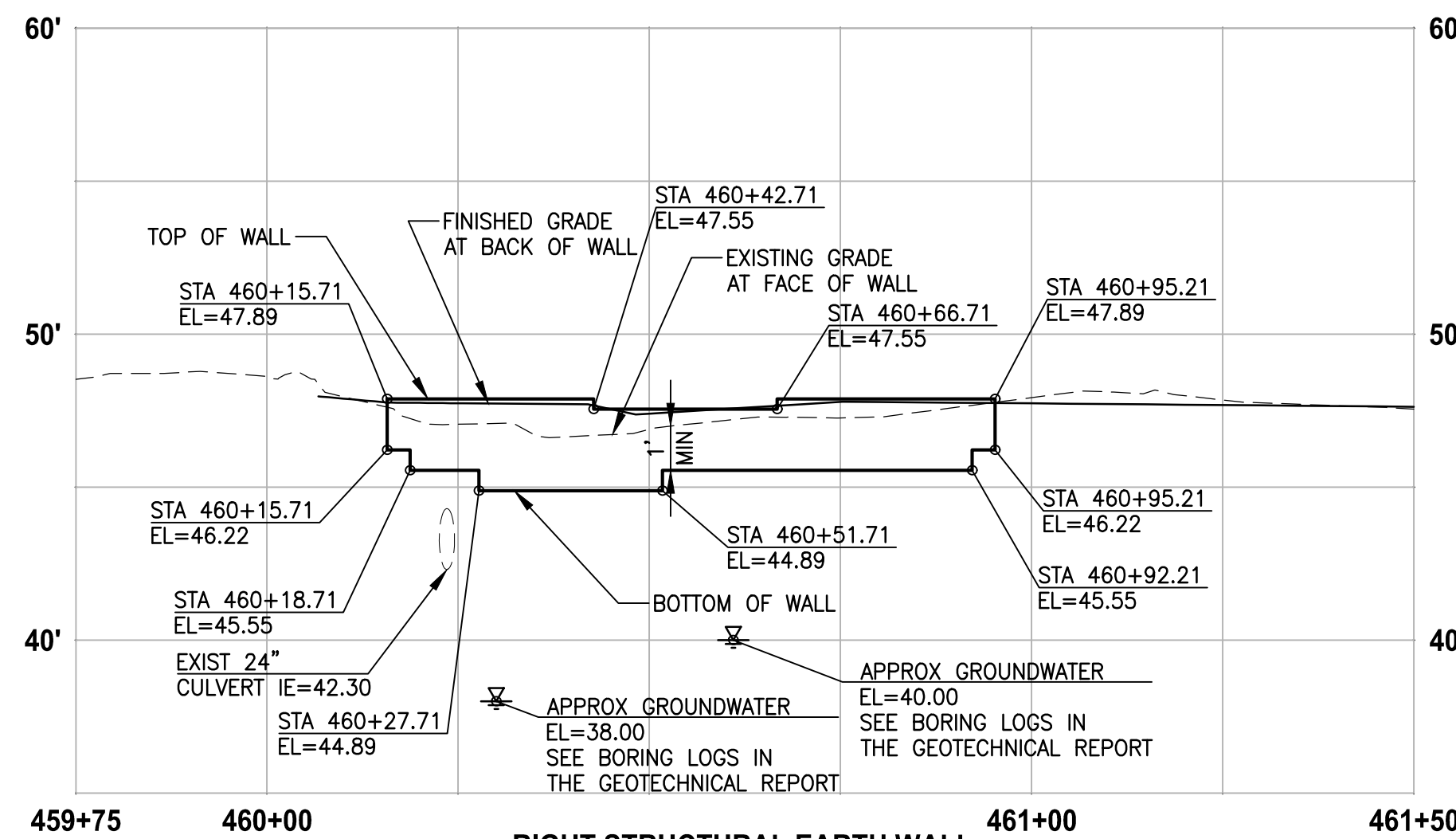
LEFT STRUCTURAL EARTH WALL
WALL #37 (FILL) D-LINE

HORIZ: 1"=20'
VERT: 1"=5'



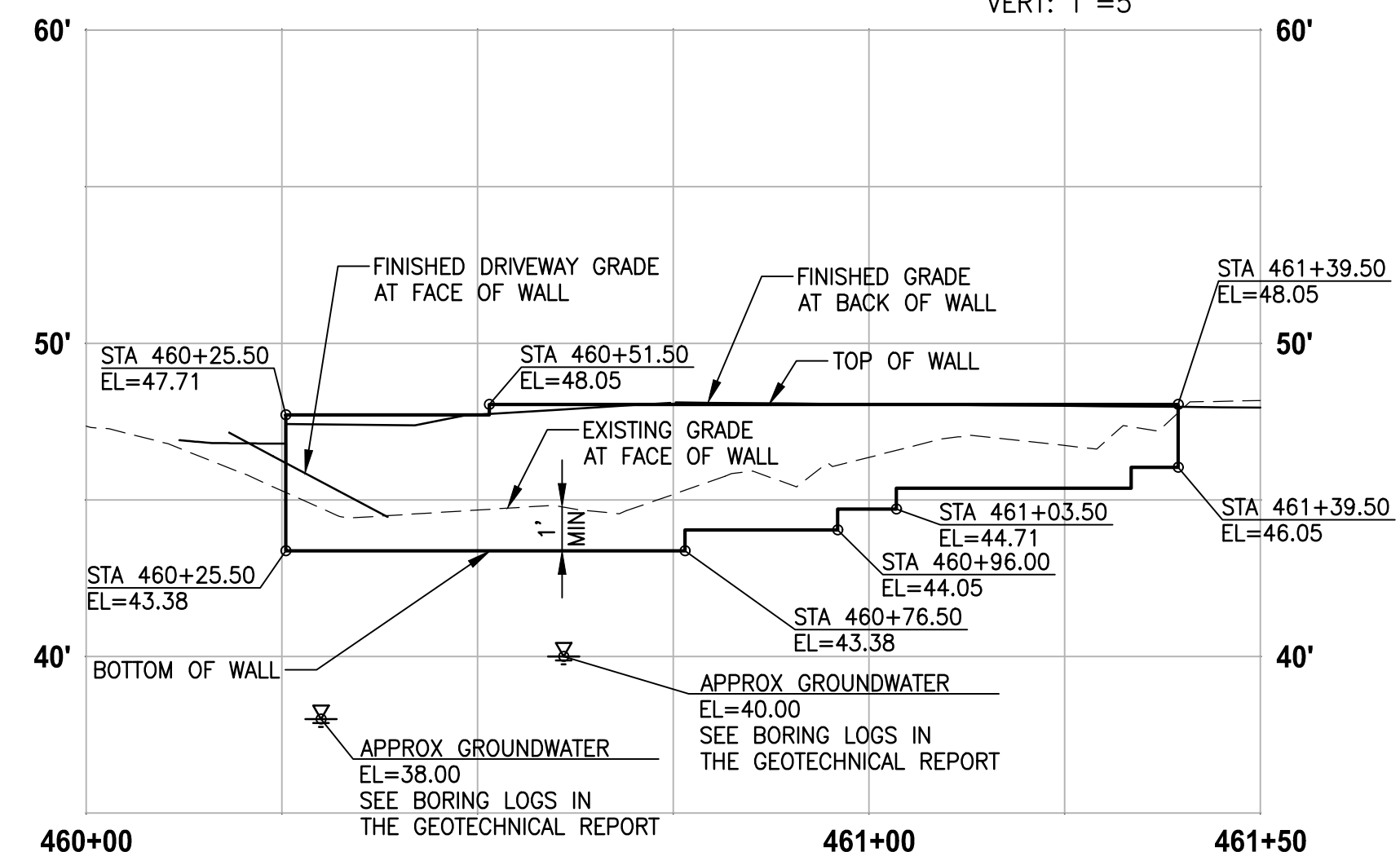
LEFT STRUCTURAL EARTH WALL
WALL #38 (FILL) D-LINE

HORIZ: 1"=20'
VERT: 1"=5'



RIGHT STRUCTURAL EARTH WALL
WALL #39 (FILL) D-LINE

HORIZ: 1"=20'
VERT: 1"=5'



LEFT STRUCTURAL EARTH WALL
WALL #40 (FILL) D-LINE

HORIZ: 1"=20'
VERT: 1"=5'

NOTES:

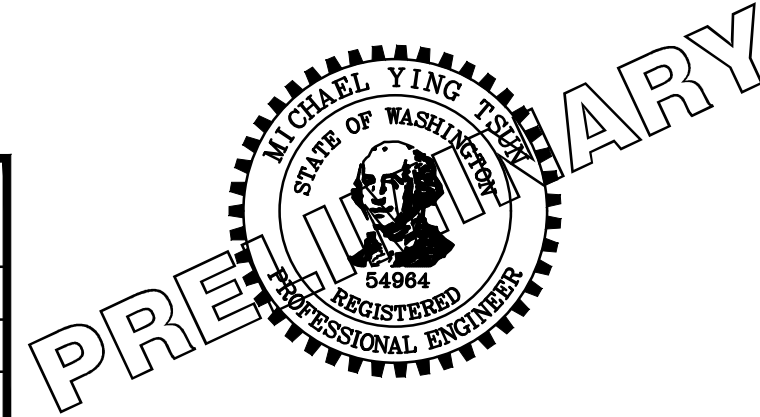
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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			DRAWN
			B. PURGANAN
			CHECKED
			Y. HO
			APPROVED
			J. BAILEY

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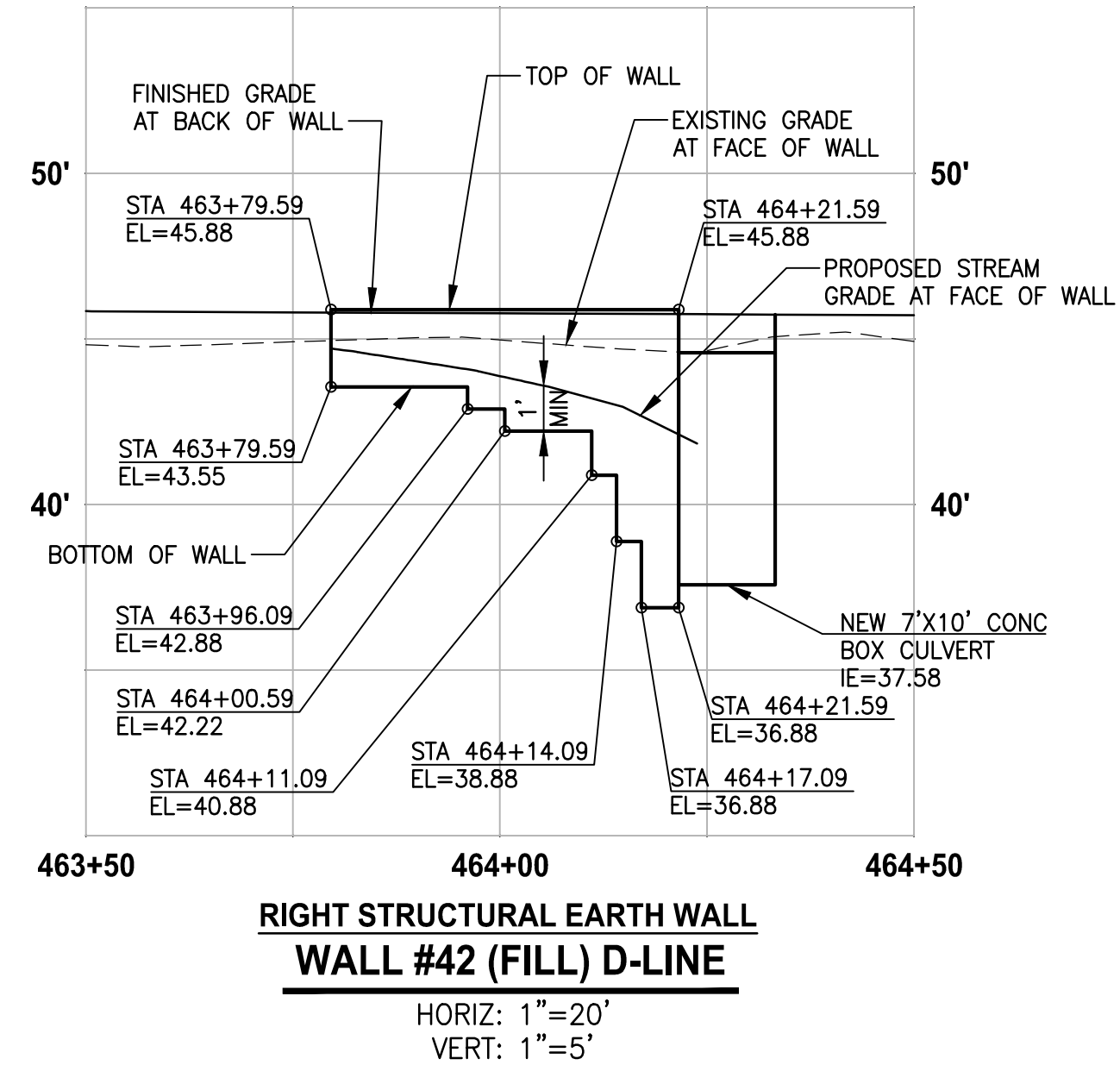
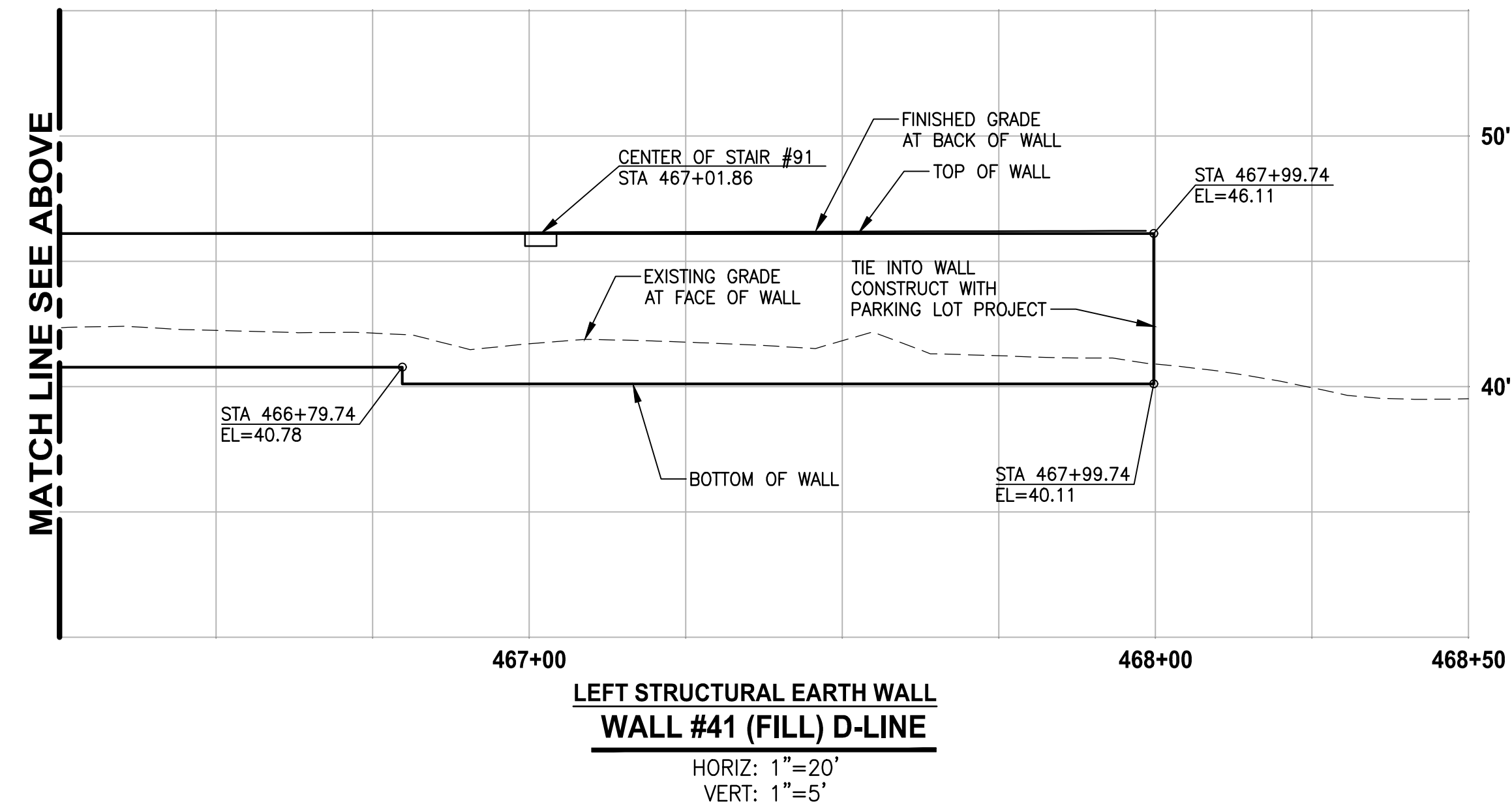
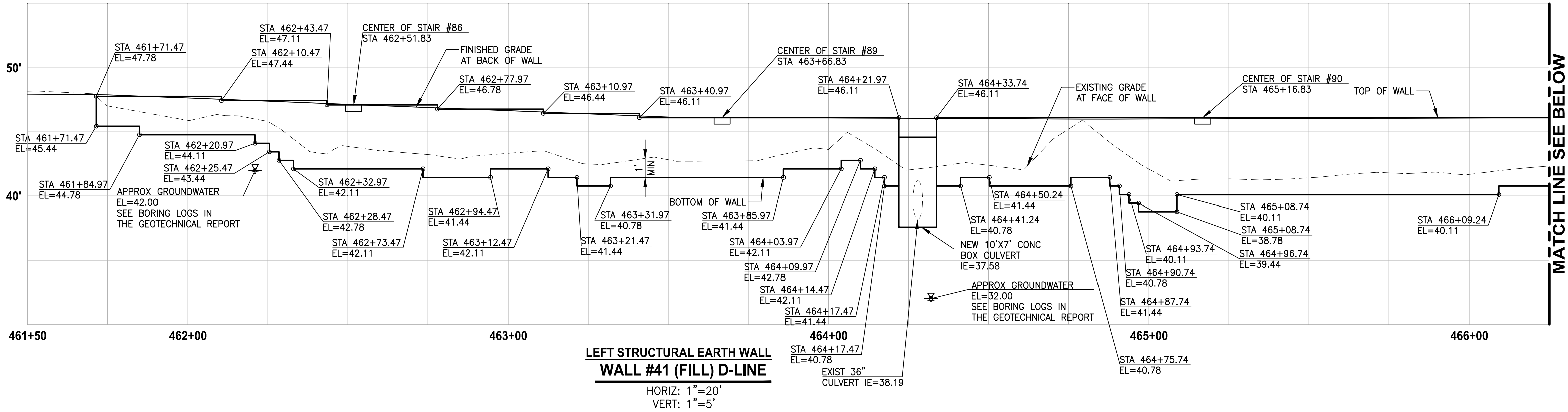
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B
SAMMAMISH, WA

WALL PROFILES

SHEET NO. 202 OF 274
WP9

LAYOUT: WP10 PATH: U:\PSO\Projects\Clients\1521-075-ELST\99Svc\CAD\Phase 19\T03 Civil\DWG\ PLOTTED BY: purgubut DATE: Wednesday, February 27, 2019 9:18:17 PM



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CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

**90 % REVIEW SUBMITTAL
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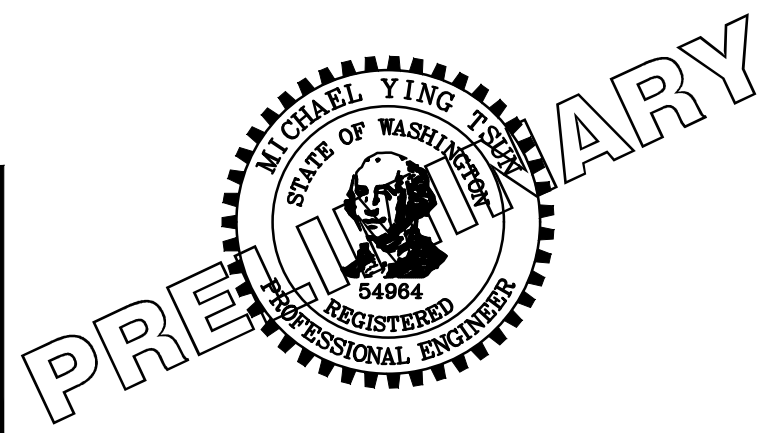
REVISIONS	DATE	BY	DESIGNED M. TSUN
			DRAWN B. PURGANAN
			CHECKED Y. HO
			APPROVED J. BAILEY

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME
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PROJECT NAME

**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**

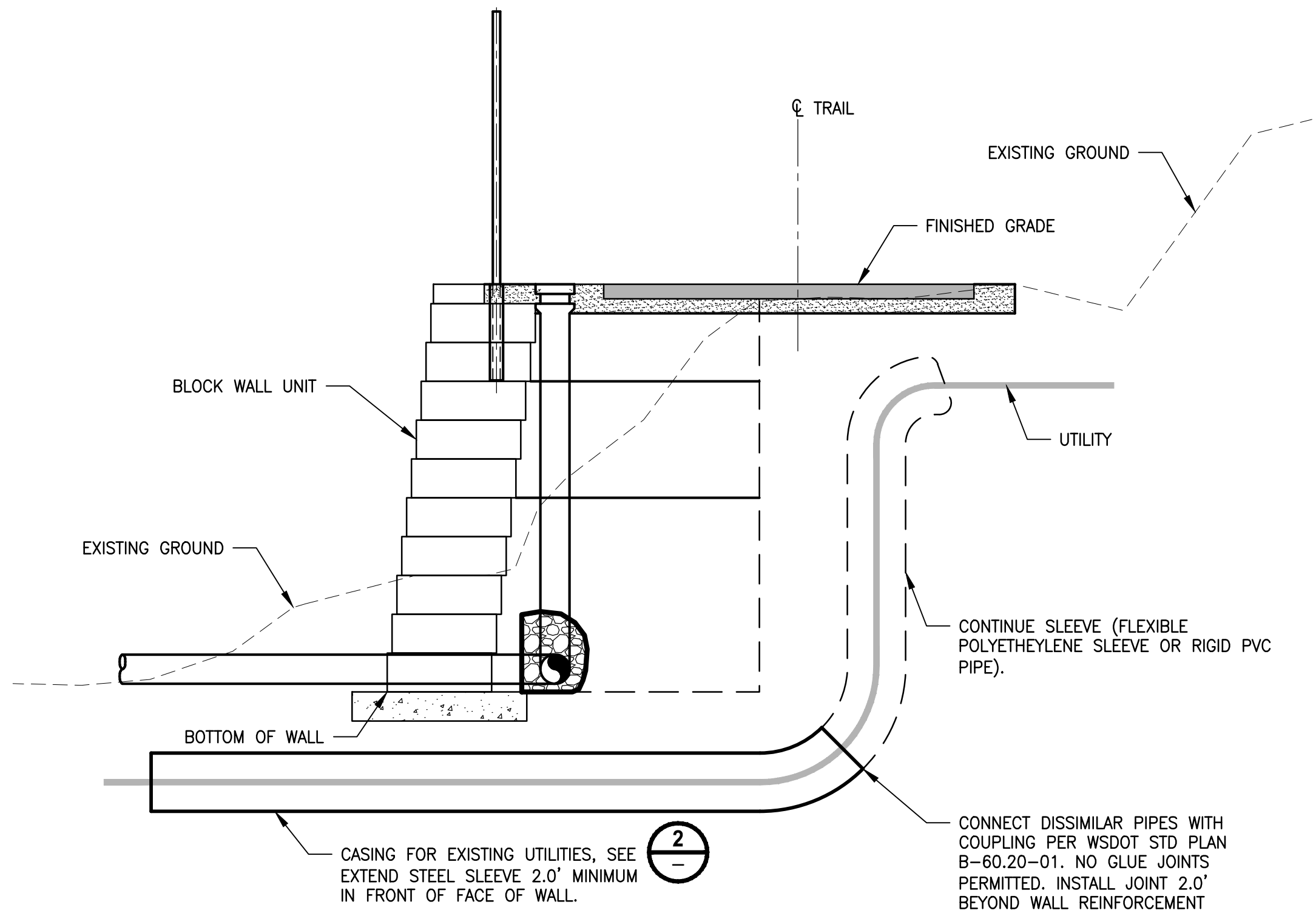
SAMMAMISH, WA

WALL PROFILES

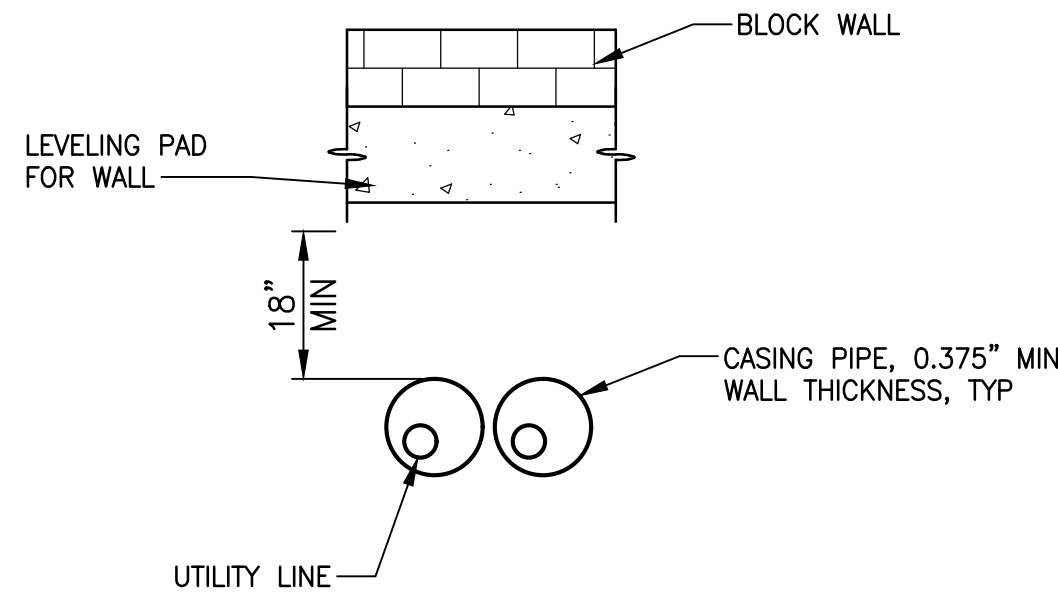
SHEET NO.
203 OF 274

WP10

PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\98Svcs\CADD\Phase 19\T03 Civil\DWG\ LAYOUT: WD2 PLOTTED BY: purgaban DATE: Wednesday, February 27, 2019 9:18:42 PM



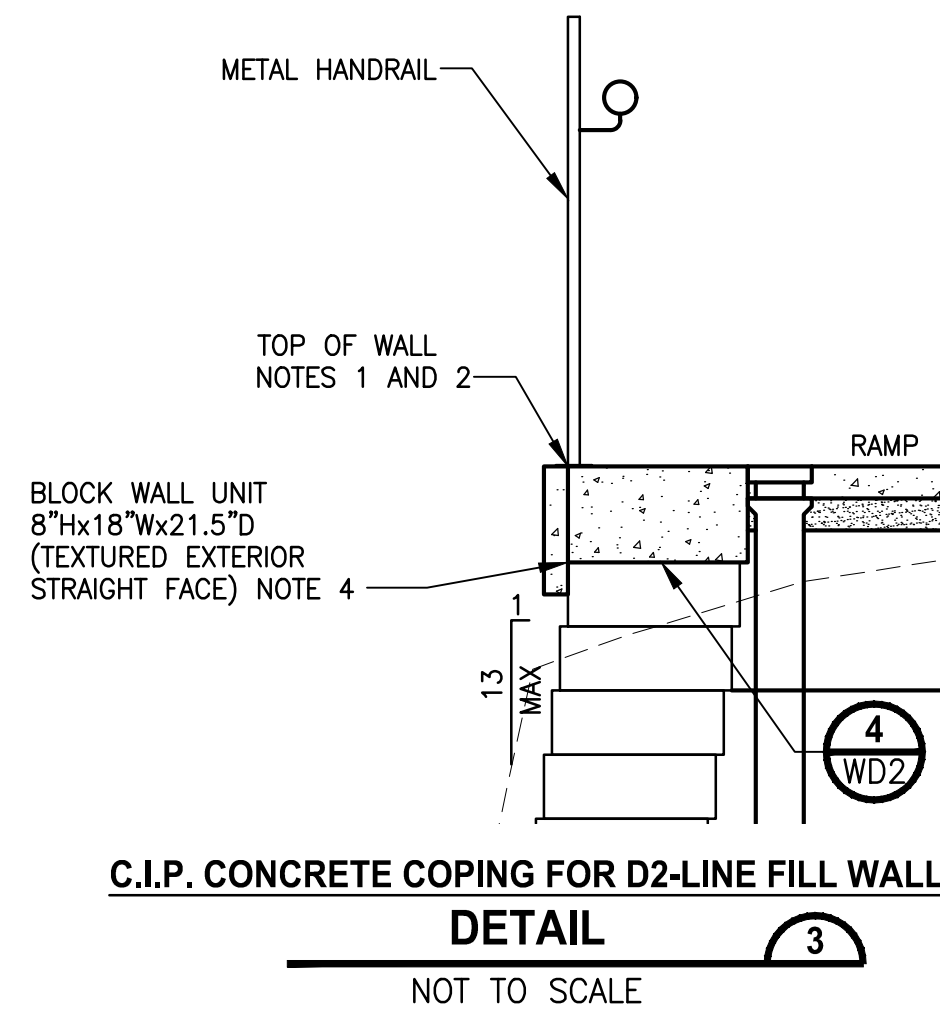
CASING/SLEEVE OF EXISTING UTILITIES UNDER WALLS
DETAIL 1
NOT TO SCALE



NOTES:

- CASING REQUIRED FOR WATER, SEWER AND GAS LINES SHALL BE SMOOTH GRADE C STEEL, COMPLY WITH ASTM A139, AND HAVE MIN 36,000 PSI YIELD.
- FOR UTILITY PIPE LINES LESS THAN 6" DIA., INSIDE DIAMETER OF CASING PIPE SHALL EXCEED THE OUTSIDE DIAMETER OF THE UTILITY PIPE JOINTS OR COUPLINGS BY 2". FOR UTILITY PIPE LINE OVER 6" DIA., INSIDE DIAMETER OF CASING PIPE SHALL EXCEED THE OUTSIDE DIAMETER OF THE UTILITY BY 4".

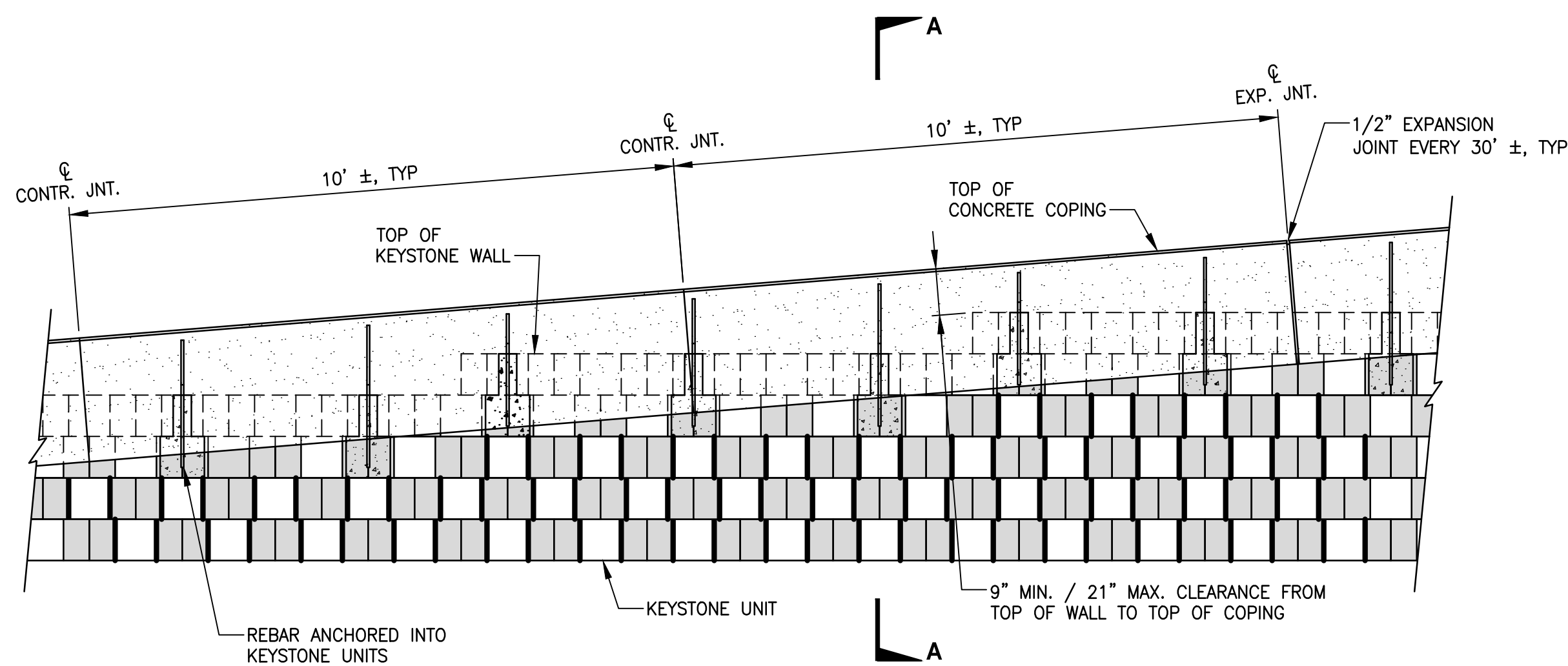
CROSS SECTION FOR CASING/SLEEVE OF EXISTING UTILITIES UNDER WALLS
DETAIL 2
NOT TO SCALE



NOTES:

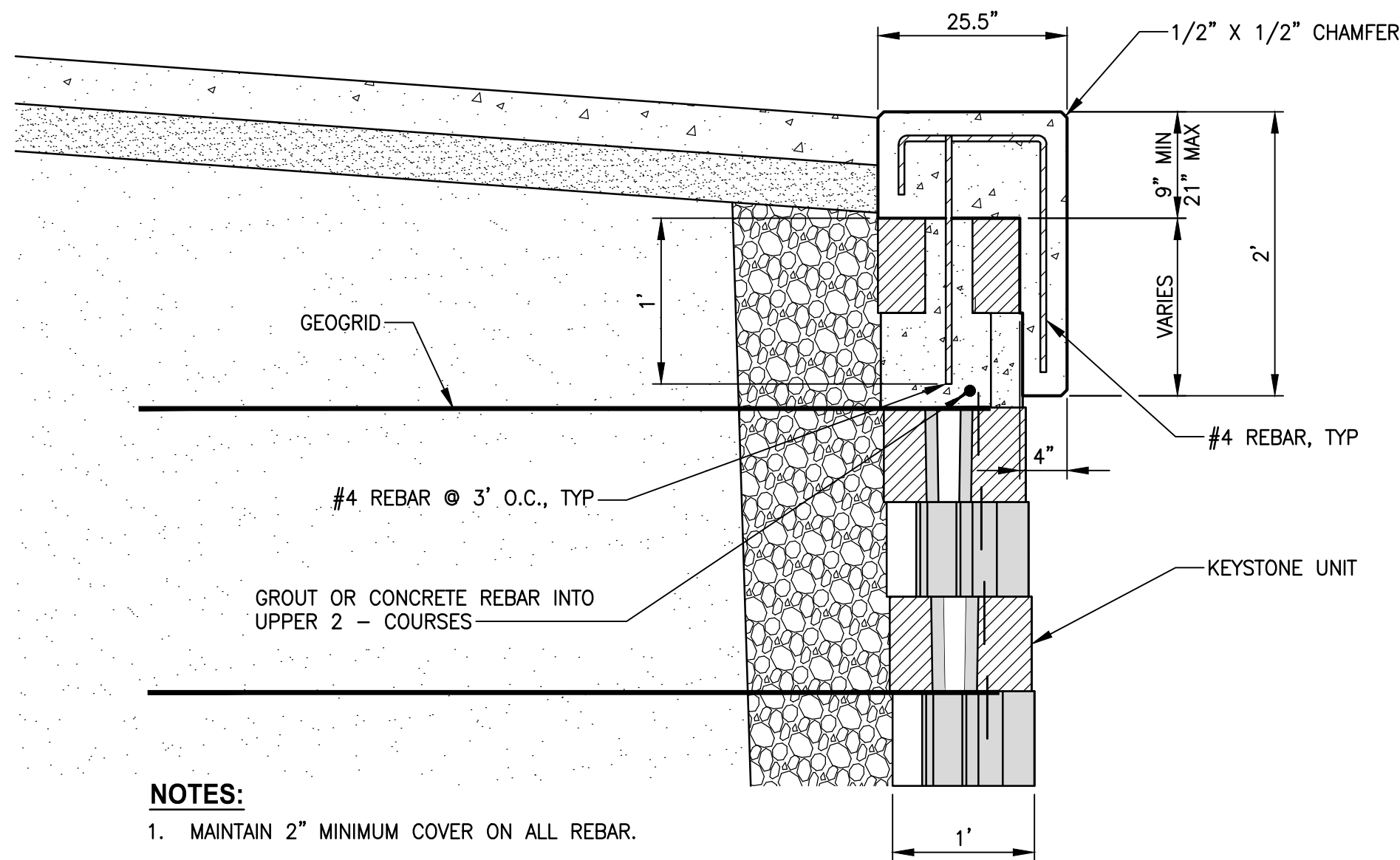
- SEE WP SHEETS FOR TOP AND BOTTOM OF WALL ELEVATIONS.
- FOR FILL WALLS, OFFSET DISTANCE IS AT THE OUTSIDE EDGE OF THE CAP BLOCK PER DETAIL 1. FOR CUT WALLS, OFFSET DISTANCE IS AT THE BOTTOM OF EXPOSED WALL FACE PER DETAIL 2 THIS SHEET.

C.I.P. CONCRETE COPING FOR D2-LINE FILL WALL
DETAIL 3
NOT TO SCALE



ELEVATION

PARTIAL C.I.P. CONCRETE COPING
DETAIL 4
NOT TO SCALE



SECTION A-A

NOTES:

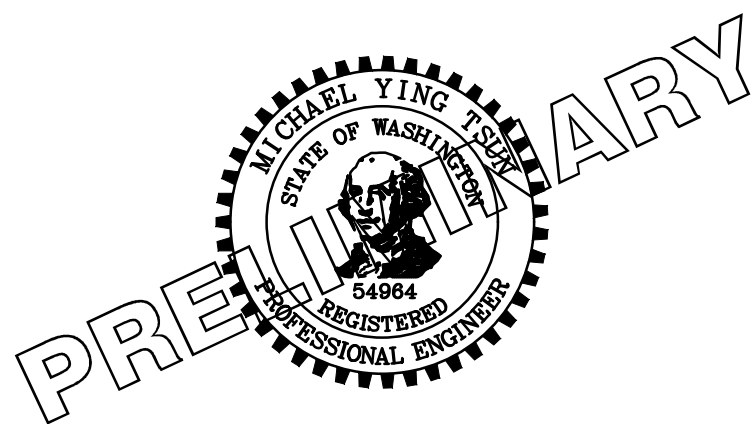
- MAINTAIN 2" MINIMUM COVER ON ALL REBAR.
- FULL EXPANSION JOINTS SHALL BE PLACED EVERY 3RD JOINT AND AT ALL WALL RADIUS AND BEND POINTS.
- ENSURE THAT ALL TOP OF WALL STEPS ARE COMPLETELY COVERED BY OVERHANG OF CONCRETE COPING (3" MIN).

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			M. TSUN
			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**

SAMMAMISH, WA

**STRUCTURAL EARTH WALL
DETAILS**

SHEET NO.
205 OF 274

WD2

LAYOUT: WD3 PATH: U:\PSO\Projects\Clients\1521-KingCo\554-1521-075-ELST\985rcs\CADD\Phase 19\T03 Civil\DWG\ PLOTTED BY: purgaban DATE: Wednesday, February 27, 2019 9:18:59 PM

WALL SCHEDULE

WALL #	ALIGNMENT	BEGIN STA	END STA	SIDE	EXPOSED WALL HEIGHT RANGE	FILL/CUT	TYPE	NOTE
WALL 1	B-LINE	289+25	291+50	LT	0.9-3.2'	FILL	SEW	
WALL 2	B-LINE	292+00	293+75	RT	0'-5.4'	CUT	GBW	TEMPORARY SHORING
WALL 3A	B-LINE	294+96.06	298+13.41	RT	1.5'-11.5'	CUT	SOLDIER PILE	SOLDIER PILE WALL
WALL 3B	B-LINE	292+55.83	298+39.33	LT	1.3'-10.7'	FILL	SEW	TEMPORARY SHORING
WALL 3C	B-LINE	298+85.50	299+50.50	RT	3.0'-3.6'	CUT	GBW	TEMPORARY CUT SLOPE 1H:1V
WALL 3D	B-LINE	299+87.5	300+22.5	RT	3.0'-4'	CUT	REDIROCK	STAIR #7, SHORING
WALL 4	B-LINE	300+90	302+65.50	LT	1.7'-4.6'	FILL	SEW	
WALL 4A	B-LINE	302+10	302+65	RT	3.5'-3.7'	CUT	GBW	TEMPORARY CUT SLOPE 1H:1V
WALL 5	B-LINE	305+67.50	309+21.50	LT	1.0'-4.2'	FILL	SEW	
WALL 6	B-LINE	310+59.36	313+64.03	RT	1.0'-10.5'	CUT	SOLDIER PILE	SOLDIER PILE WALL
WALL 8	B-LINE	312+74.95	314+60.95	LT	0.6'-5.7'	FILL	SEW	
WALL 9	B-LINE	314+85	320+11.50	LT	0.8'-6.1'	FILL	SEW	
WALL 10	B-LINE	326+14.50	327+34.50	LT	0.3'-3.2'	FILL	SEW	
WALL 11	B-LINE	328+15	333+64.50	RT	0.1'-5.2'	FILL	SEW	
WALL 11A	B-LINE	333+64.50	333+89.50	RT	1.5'-4.0'	CUT	GBW	
WALL 12A	B-LINE	334+12.50	335+29.50	LT	1.1'-3.0'	FILL	SEW	
WALL 12B	B-LINE	340+63.05	341+15.05	LT	4.4'-4.9'	FILL	SEW	REST STOP
WALL 12C	B-LINE	340+63.05	340+63.05	LT	0.3'-4.9'	FILL	SEW	REST STOP, WALL LEG
WALL 12D	B-LINE	341+15.05	341+15.05	LT	0.6'-4.4'	FILL	SEW	REST STOP, WALL LEG
WALL 13	B-LINE	341+15.05	352+79.05	LT	0.6'-7.3'	FILL	SEW	
WALL 13A	B-LINE	351+35.51	352+00.51	RT	2.8'-4.0'	CUT	GBW	TEMPORARY SHORING
WALL 13B	B-LINE	348+33.15	348+60.24	RT	6.5'	CUT	GBW	STAIR #53, TEMPORARY CUT SLOPE 1H:1V
WALL 14	B-LINE	353+23.50	354+38.50	RT	6.0'-6.2'	CUT	GBW	TEMPORARY CUT SLOPE 1H:1V
WALL 15	B-LINE	355+45	370+85.50	LT	0.9'-7.7'	FILL	SEW	
WALL 16	C-LINE	371+71.30	374+99.80	LT	0.7'-4.0'	FILL	SEW	
WALL 17	C-LINE	375+59.45	376+84.45	RT	4.2'-5.1'	CUT	GBW	TEMPORARY CUT SLOPE 1.5H:1V
WALL 18	C-LINE	378+92	379+49.66	LT	0.3'-2.6'	FILL	SEW	
WALL 19	C-LINE	378+93.50	379+75.16	RT	0'-1.6'	FILL	SEW	
WALL 20	C-LINE	380+50.40	385+10.90	LT	0.5'-4.5'	FILL	SEW	
WALL 21	C-LINE	383+74.40	385+22.90	RT	0'-1.1'	FILL	SEW	
WALL 21A	C-LINE	394+62.98	395+12.98	RT	1.4'-4.5'	CUT	GBW	REST STOP, TEMPORARY CUT SLOPE 1H:1V
WALL 22	C-LINE	401+00.11	402+74.78	RT	0.4'-3.7'	FILL	SEW	
WALL 29	D-LINE	431+58.00	432+64.50	LT	5.5'-10.4'	FILL	SEW	
WALL 30	D-LINE	432+86.50	438+37.5	LT	1.0'-10.4'	FILL	SEW	
WALL 31A	D2-LINE	10+19.26	11+61.76	RT	2'-11'	FILL	SEW	WALKWAY
WALL 31B	D2-LINE	10+11.02	11+06	LT	2.5'-12.5'	CUT	REDIROCK	WALKWAY, TEMPORARY CUT SLOPE 0.5H:1V
WALL 31C	D2-LINE	11+06	11+61.5	LT	3.7'-9.4'	FILL	SEW	WALKWAY
WALL 32	D-LINE	444+65.24	445+77.74	LT	0.8'-3.1'	FILL	SEW	
WALL 33	D-LINE	448+19	451+64	LT	1.0'-6.0'	FILL	SEW	
WALL 33A	D-LINE REF.	450+11.92	451+08.16	RT	1.6'-9.8'	FILL	SEW	PARKING, REFERENCE ALIGNMENT
WALL 34	D-LINE	452+95.50	456+97.50	LT	1.6'-5.8'	FILL	SEW	
WALL 35	D-LINE	456+34.72	457+45.72	RT	5.5'-5.7'	CUT	SEW	
WALL 36	D-LINE REF.	457+45.63	457+89.99	RT	1.3'-6.5'	CUT	SEW	STAIR #83, REFERENCE ALIGNMENT
WALL 37	D-LINE	457+70.50	459+40	LT	0.7'-3.3'	FILL	SEW	
WALL 38	D-LINE	459+18.85	459+95.35	LT	0'-5.3'	FILL	SEW	DRIVEWAY #24
WALL 39	D-LINE	460+15.71	460+95.21	RT	0'-1.5'	FILL	SEW	
WALL 40	D-LINE	460+25.50	461+39.50	LT	0.3'-3.5'	FILL	SEW	
WALL 41	D-LINE	461+71.47	467+99.74	LT	0'-5.0'	FILL	SEW	
WALL 42	D-LINE	463+79.59	464+21.59	RT	0.8'-1.3'	FILL	SEW	

* FOR FILL WALLS, OFFSET DISTANCE FOR WALLS IS AT THE OUTSIDE OF WALL FOR THE CAP BLOCK PER FOR CUT WALLS, OFFSET DISTANCE IS AT BOTTOM OF WALL. PER

1WD1

2WD1

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
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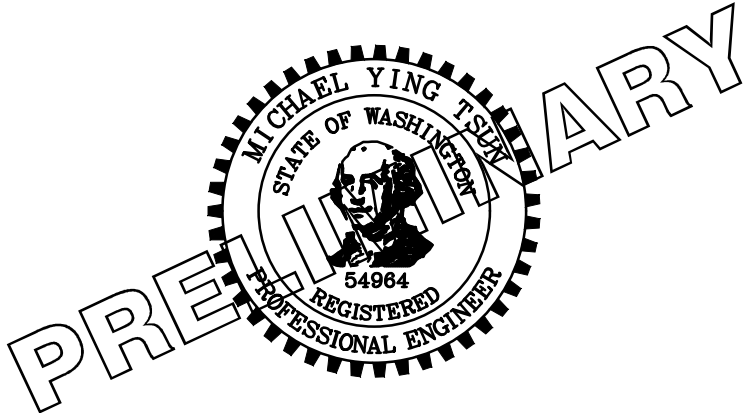
REVISIONS	DATE	BY	DESIGNED M. TSUN
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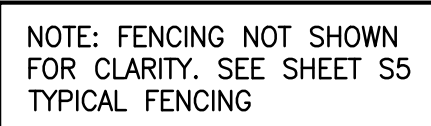
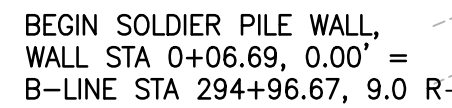
PROJECT NAME

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

STRUCTURAL EARTH WALL
SCHEDULE

SHEET NO.
206 OF 274

WD3



1 INSTALL STAIR, (TYP) SEE S8

51

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME
BL1521075P19T03S-01

JOB No.
554-1521-075 P19 T03

DATE
FEBRUARY 2019



CIVIL CONSTRUCTION NOTES:

1 INSTALL STAIR, (TYP) SEE S8

PILE SCHEDULE:

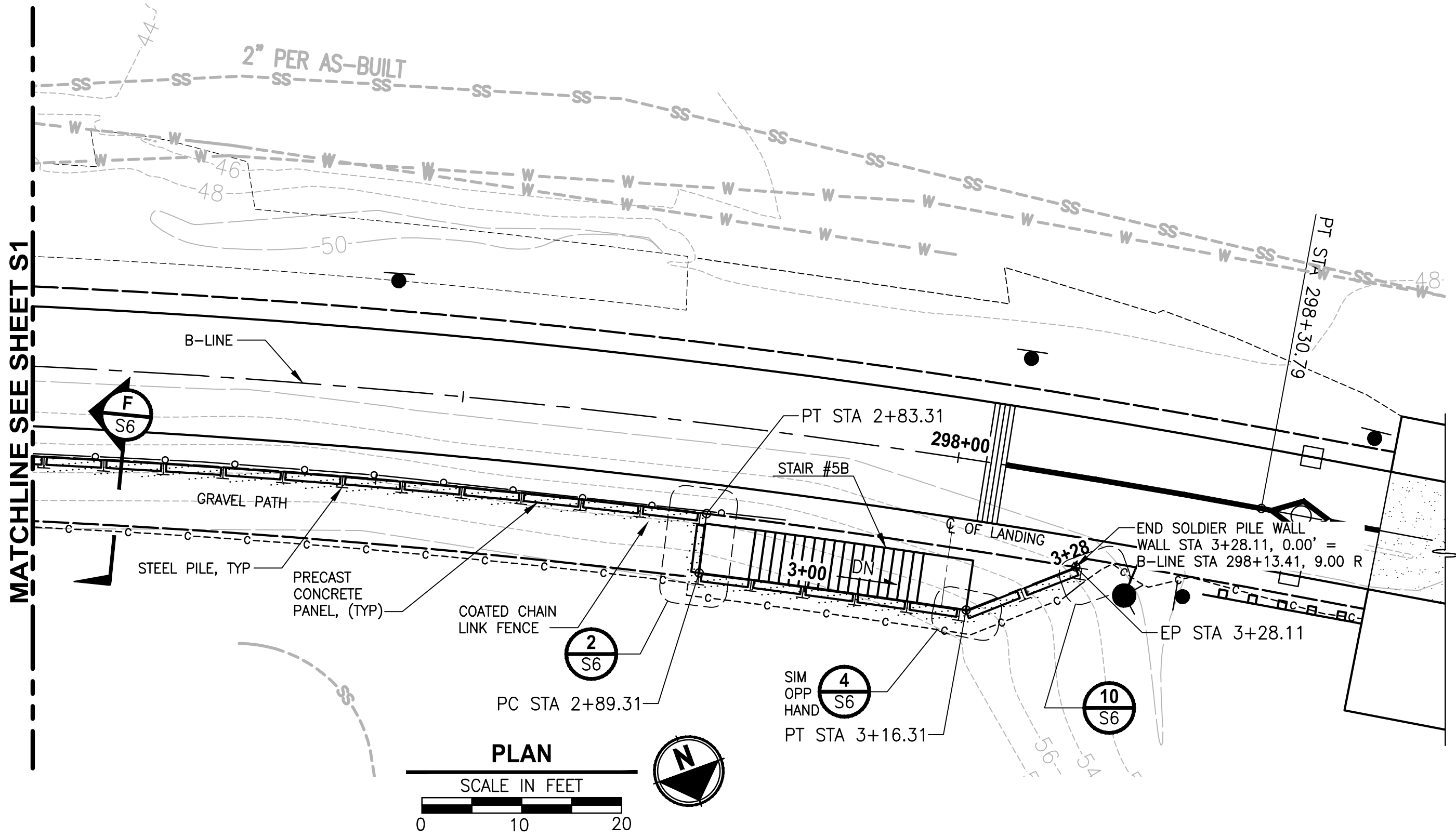
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMAMISH SEGMENT B SOLDIER PILE LAYOUT WALL #3							
STATION OFFSET B LINE	WALL STATION #3	TOP OF WALL ELEV	BOT OF WALL ELEV	PILE TIP ELEV	PILE LENGTH	WALL HEIGHT	PRECAST PANEL LENGTH
294+96.67, 9.00 R	0+06.69	50.00	47.00	44.00	6	3.00	5'-6"
295+02.72, 9.00 R	0+12.69	50.00	47.00	44.00	6	3.00	5'-6"
295+08.77, 9.00 R	0+18.69	50.00	47.00	44.00	6	3.00	5'-6"
295+14.82, 9.00 R	0+24.69	51.00	47.00	43.50	8	4.00	5'-6"
295+20.87, 9.00 R	0+30.69	47.00	47.00	43.50	8	4.00	5'-6"
295+26.92, 9.00 R	0+36.69	51.00	47.00	43.50	8	4.00	5'-6"
295+32.97, 9.00 R	0+42.69	51.00	47.00	43.50	8	4.00	5'-6"
295+39.02, 9.00 R	0+48.69	52.00	47.00	41.50	11	5.00	5'-6"
295+45.07, 9.00 R	0+54.69	53.00	47.00	39.50	14	6.00	5'-6"
295+51.12, 9.00 R	0+60.69	53.00	47.00	39.50	14	6.00	5'-6"
295+57.16, 9.00 R	0+66.69	53.00	47.00	39.50	14	6.00	5'-6"
295+63.21, 9.00 R	0+72.69	55.00	47.00	35.50	20	8.00	5'-6"
295+69.26, 9.00 R	0+78.69	57.00	47.00	31.50	26	10.00	5'-6"
295+75.31, 9.00 R	0+84.69	58.00	47.00	29.50	29	11.00	5'-6"
295+81.36, 9.00 R	0+90.69	59.00	47.00	27.50	32	12.00	5'-6"
295+87.41, 9.00 R	0+96.69	59.00	47.00	27.50	32	12.00	5'-6"
295+93.46, 9.00 R	1+02.69	59.00	47.00	27.50	32	12.00	5'-6"
295+99.51, 9.00 R	1+08.69	58.00	47.00	29.50	29	11.00	5'-6"
296+05.56, 9.00 R	1+14.69	57.00	47.00	31.50	26	10.00	5'-6"
296+11.61, 9.00 R	1+20.69	59.00	47.00	29.00	30	12.00	5'-6"
296+17.66, 9.00 R	1+26.69	61.00	47.00	26.50	35	14.00	5'-6"
296+23.71, 9.00 R	1+32.69	61.00	48.00	26.50	35	12.00	5'-6"
296+29.76, 9.00 R	1+38.69	61.00	48.00	26.50	35	13.00	5'-6"
296+35.81, 9.00 R	1+44.69	61.00	48.00	26.50	35	13.00	5'-6"
296+41.86, 9.00 R	1+50.69	61.00	48.00	26.50	35	13.00	5'-6"
296+47.91, 9.00 R	1+56.69	61.00	48.00	26.50	35	13.00	5'-6"
296+53.96, 9.00 R	1+62.69	61.00	48.00	26.50	35	13.00	5'-6"
296+60.01, 9.00 R	1+68.69	60.00	48.00	28.50	32	12.00	5'-6"
296+66.06, 9.00 R	1+74.69	60.00	48.00	28.50	32	12.00	5'-6"
296+72.10, 9.00 R	1+80.69	60.00	48.00	28.50	32	12.00	5'-6"
296+78.15, 9.00 R	1+86.69	60.00	48.00	28.50	32	12.00	5'-6"
296+84.20, 9.00 R	1+92.69	60.00	48.00	28.50	32	12.00	5'-6"
296+90.25, 9.00 R	1+98.69	60.00	48.00	28.50	32	12.00	5'-6"
296+96.29, 9.00 R	2+04.69	60.00	48.00	28.50	32	12.00	5'-6"
297+02.31, 9.00 R	2+10.69	60.00	48.00	28.50	32	12.00	5'-6"
297+08.37, 9.00 R	2+16.69	60.00	48.00	28.50	32	12.00	5'-6"
297+14.43, 9.00 R	2+22.69	60.00	48.00	28.50	32	12.00	5'-6"
297+20.49, 9.00 R	2+28.69	61.00	48.00	26.50	35	13.00	5'-6"
297+26.55, 9.00 R	2+34.69	61.00	48.00	26.50	35	13.00	5'-6"
297+32.61, 9.00 R	2+40.69	61.00	48.00	26.50	35	13.00	5'-6"
297+38.67, 9.00 R	2+46.69	61.00	48.00	26.50	35	13.00	5'-6"
297+44.73, 9.00 R	2+52.69	61.00	48.00	26.50	35	13.00	5'-6"
297+50.79, 9.00 R	2+58.69	61.00	48.00	26.50	35	13.00	5'-6"
297+56.85, 9.00 R	2+64.69	61.00	48.00	26.50	35	13.00	5'-6"
297+62.91, 9.00 R	2+70.69	60.00	48.00	28.50	32	12.00	5'-6"
297+68.97, 9.00 R	2+76.69	60.00	48.00	28.50	32	12.00	5'-6"
297+75.03, 9.00 R	2+82.69	60.00	48.00	28.50	32	10.00	4'-9"
297+75.65, 15.00 R	2+89.31	59.40	48.40	28.50	31	11.00	4'-9"
297+81.03, 15.00 R	2+94.60	59.40	48.40	28.50	31	11.00	4'-9"
297+86.39, 15.00 R	3+00.00	59.40	48.40	28.50	31	11.00	4'-9"
297+91.76, 15.00 R	3+05.14	58.40	48.40	30.40	28	10.00	4'-9"
297+97.12, 15.00 R	3+10.42	58.40	48.40	30.40	28	10.00	4'-9"
298+02.48, 15.0 R	3+15.69	58.40	48.40	30.40	28	10.00	5'-6"
298+08.27, 12.07 R	3+22.18, 0.04 R	57.40	48.40	32.40	25	9.00	5'-6"
298+14.03, 9.00 R	3+28.11, 0.00 L	55.40	48.40	36.40	19	7.00	END

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

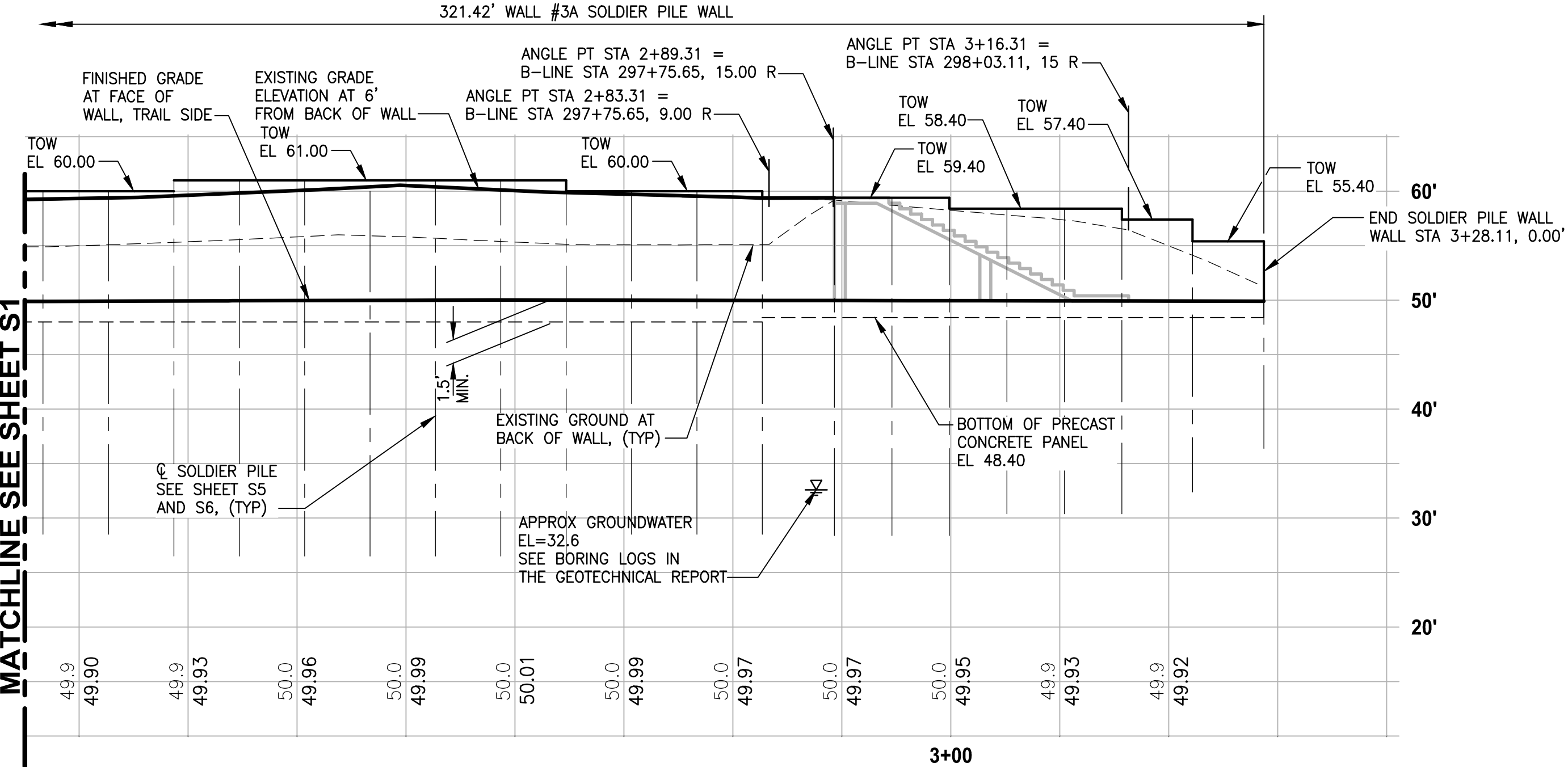
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NOT FOR CONSTRUCTION

WALL #3A SOLDIER PILE WALL

S2



NOTE: FENCING NOT SHOWN FOR CLARITY, SEE SHEET S5 TYPICAL FENCING

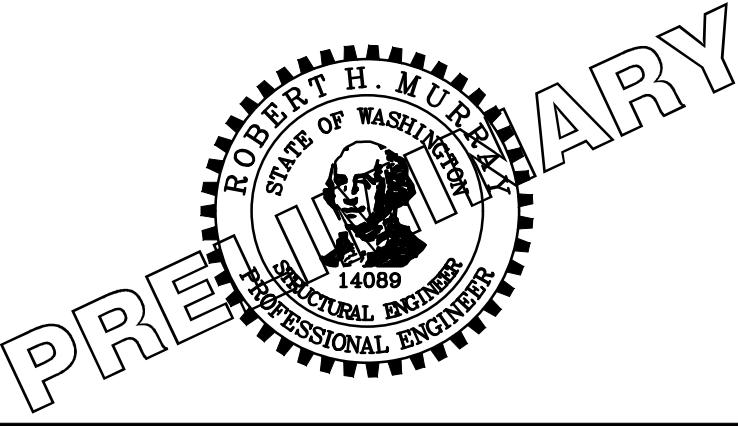


WALL #3A WALL PROFILE

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

REVISIONS	DATE	BY	DESIGNED
			R. MURRAY
			DRAWN
			A. VALENCIA
			CHECKED
			S. WAGNER
			APPROVED
			J. BAILEY

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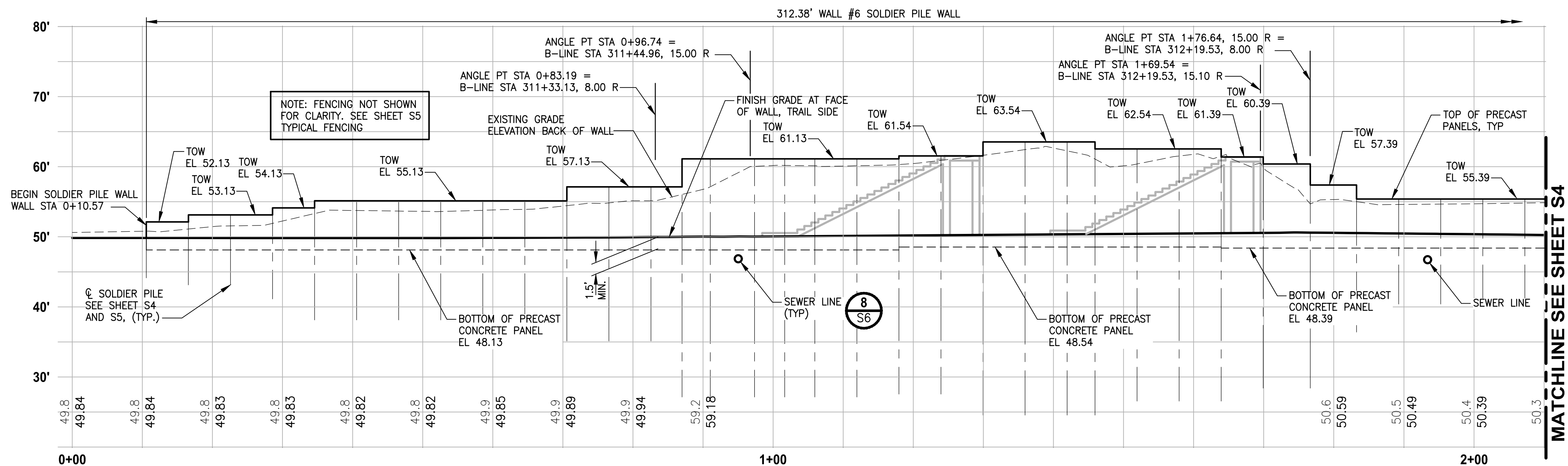
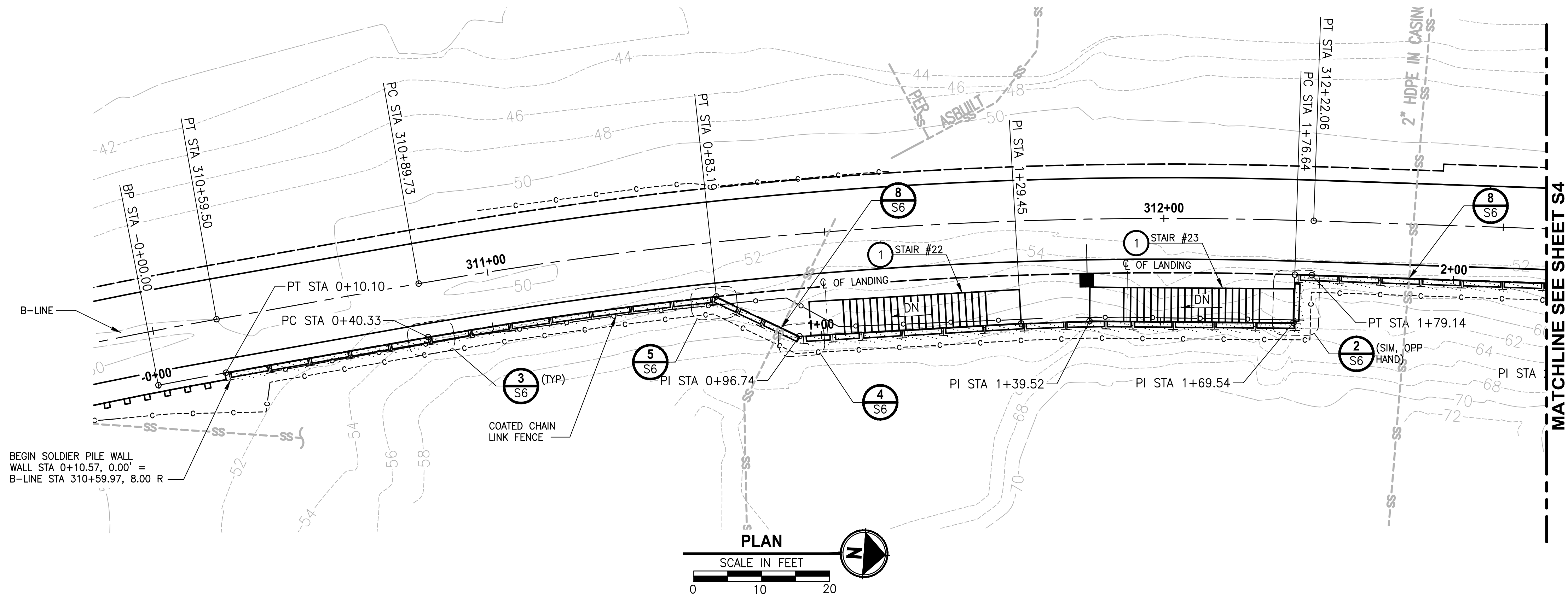
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PROJECT NAME

**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMAMISH SEGMENT B**

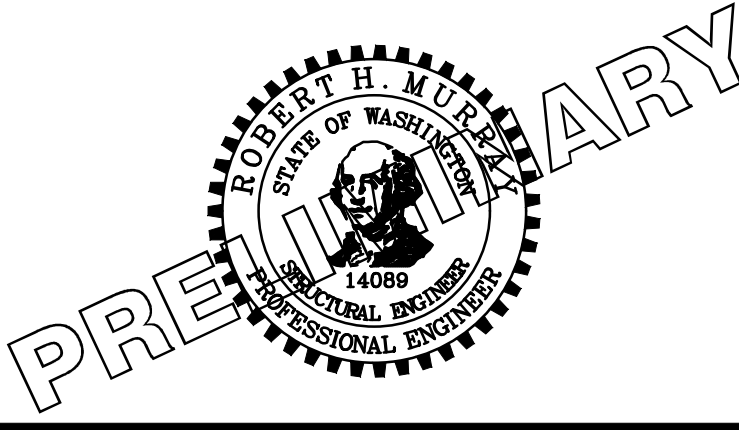
SAMMAMISH, WA

LAYOUT: S3
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PLOTTED BY: purgabut DATE: Wednesday, February 27, 2019 9:21:23 PM



REVISIONS	DATE	BY	DESIGNED
			R. MURRAY
			DRAWN
			A. VALENCIA
			CHECKED
			S. WAGNER
			APPROVED
			J. BAILEY

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FILE NAME BL1521075P19T03S-01
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PROJECT NAME
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B SAMMAMISH, WA

WALL #6 SOLDIER PILE WALL

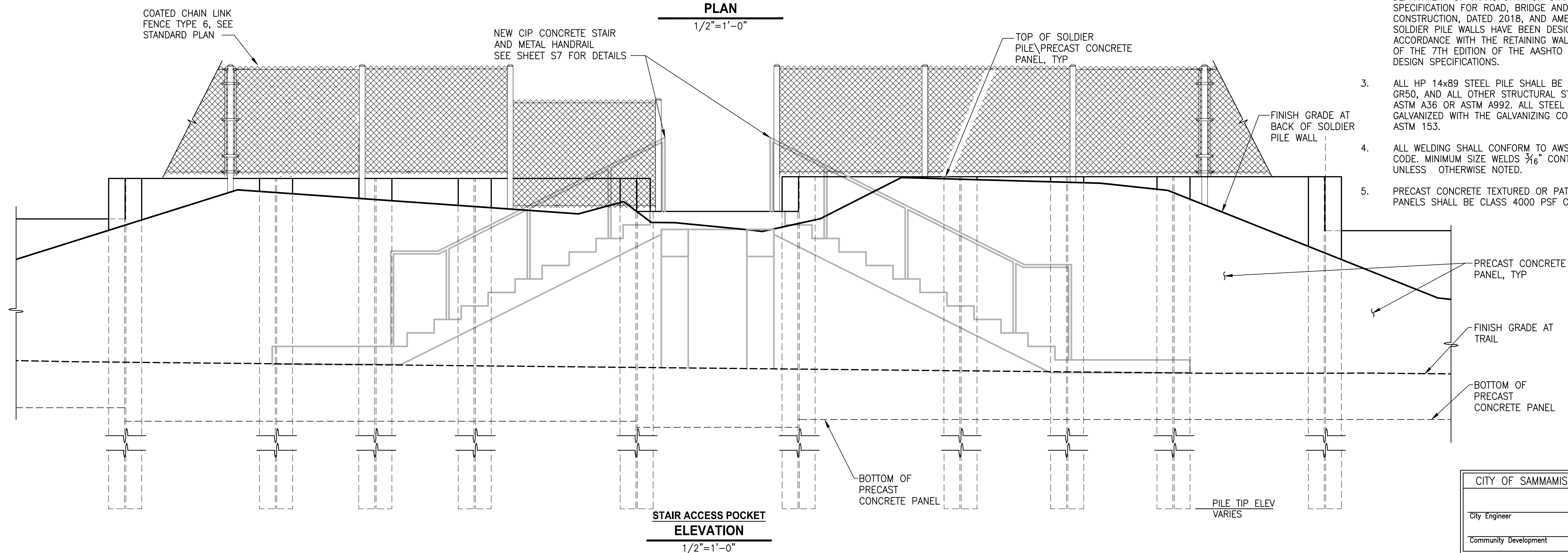
SHEET NO. 209 OF 274
S3

CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

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1. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION. NOTIFY THE ENGINEER OF ANY DISCREPANCY.
2. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD AND SPECIFICATION FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, DATED 2018, AND AMENDMENTS. THE SOLDIER PILE WALLS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RETAINING WALL PROVISIONS OF THE 7TH EDITION OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.
3. ALL HP 14x89 STEEL PILE SHALL BE ASTM A572 GR50, AND ALL OTHER STRUCTURAL STEEL SHALL BE ASTM A36 OR ASTM A992. ALL STEEL SHALL BE GALVANIZED WITH THE GALVANIZING CONFORMING TO ASTM 153.
4. ALL WELDING SHALL CONFORM TO AWS D1.1 WELDING CODE. MINIMUM SIZE WELDS $\frac{3}{16}$ " CONTINUOUS FILLET, UNLESS OTHERWISE NOTED.
5. PRECAST CONCRETE TEXTURED OR PATTERNED FACE PANELS SHALL BE CLASS 4000 PSF CONCRETE.



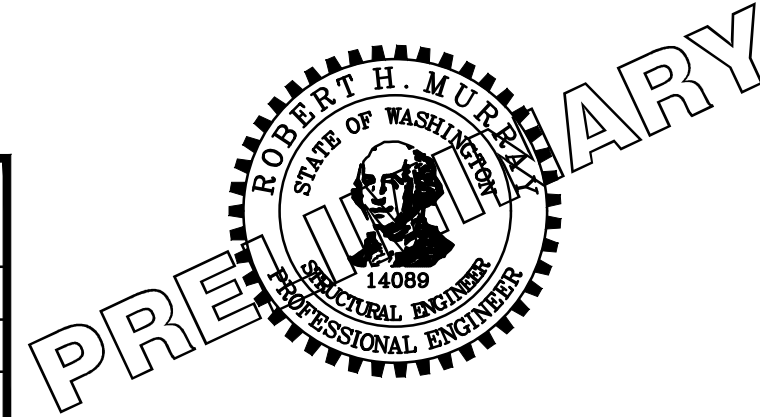
CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

▽	REVISIONS	DATE	BY	DESIGNED R. MURRAY
				DRAWN A. VALENCIA
				CHECKED S. WAGNER
				APPROVED W. BAILEY

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



PROJECT NAME

**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**

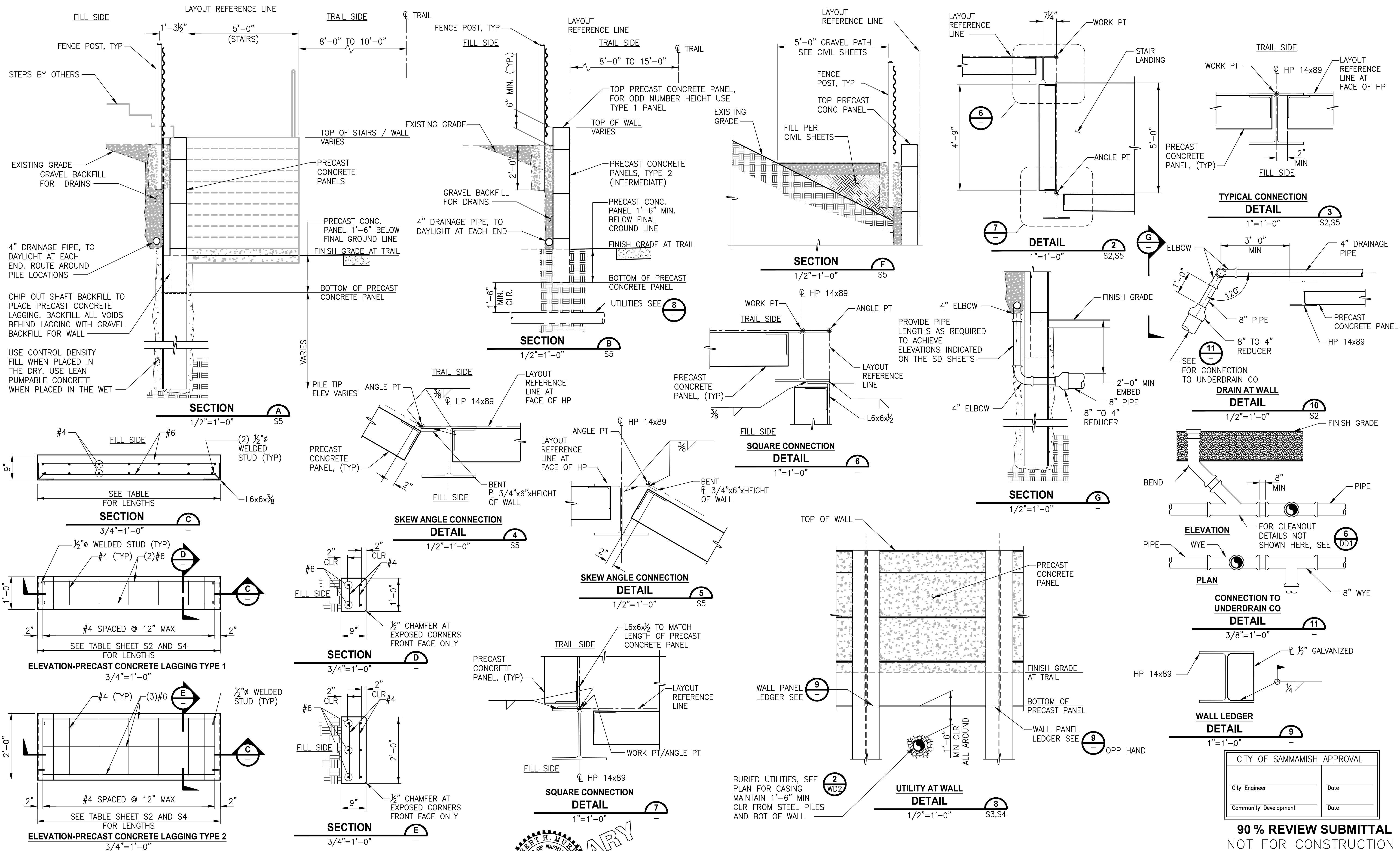
SAMMAMISH, WA

SOLDIER PILE WALL DETAILS

SHEET NO.
211 OF 274

S5

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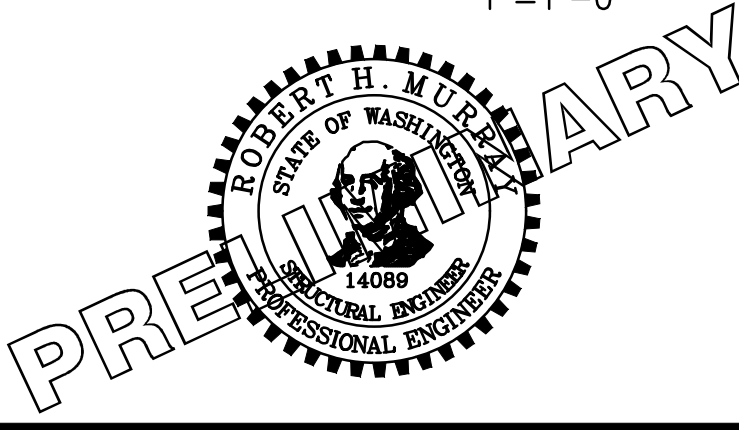


CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
NOT FOR CONSTRUCTION

REVISIONS	DATE	BY	DESIGNED
			R. MURRAY
			A. VALENCIA
			S. WAGNER
			J. BAILEY

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

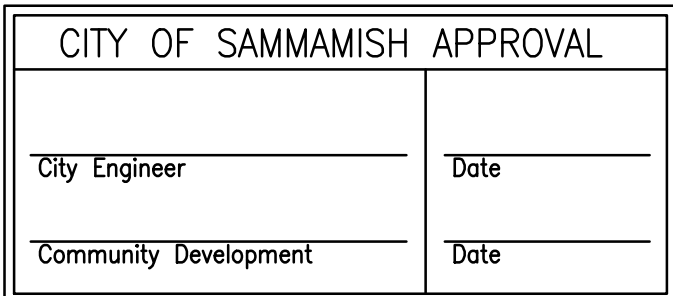


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PROJECT NAME
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

SOLDIER PILE WALL DETAILS

SHEET NO.
212 OF 274
S6



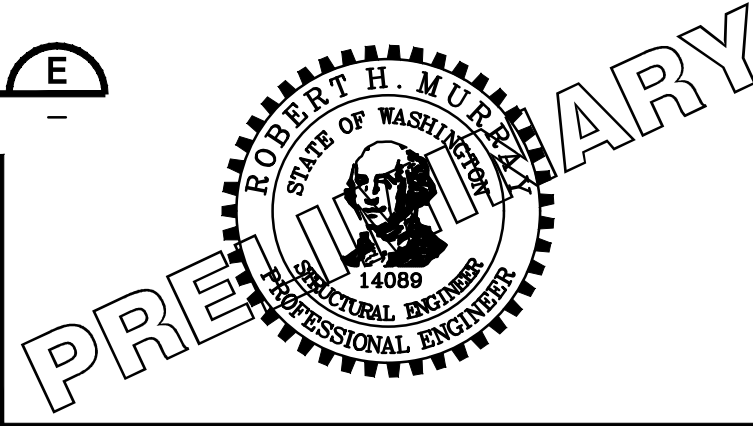
S7

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

FILE NAME
BL1521075P19T03S-10

JOB No.
554-1521-075 P19 T03

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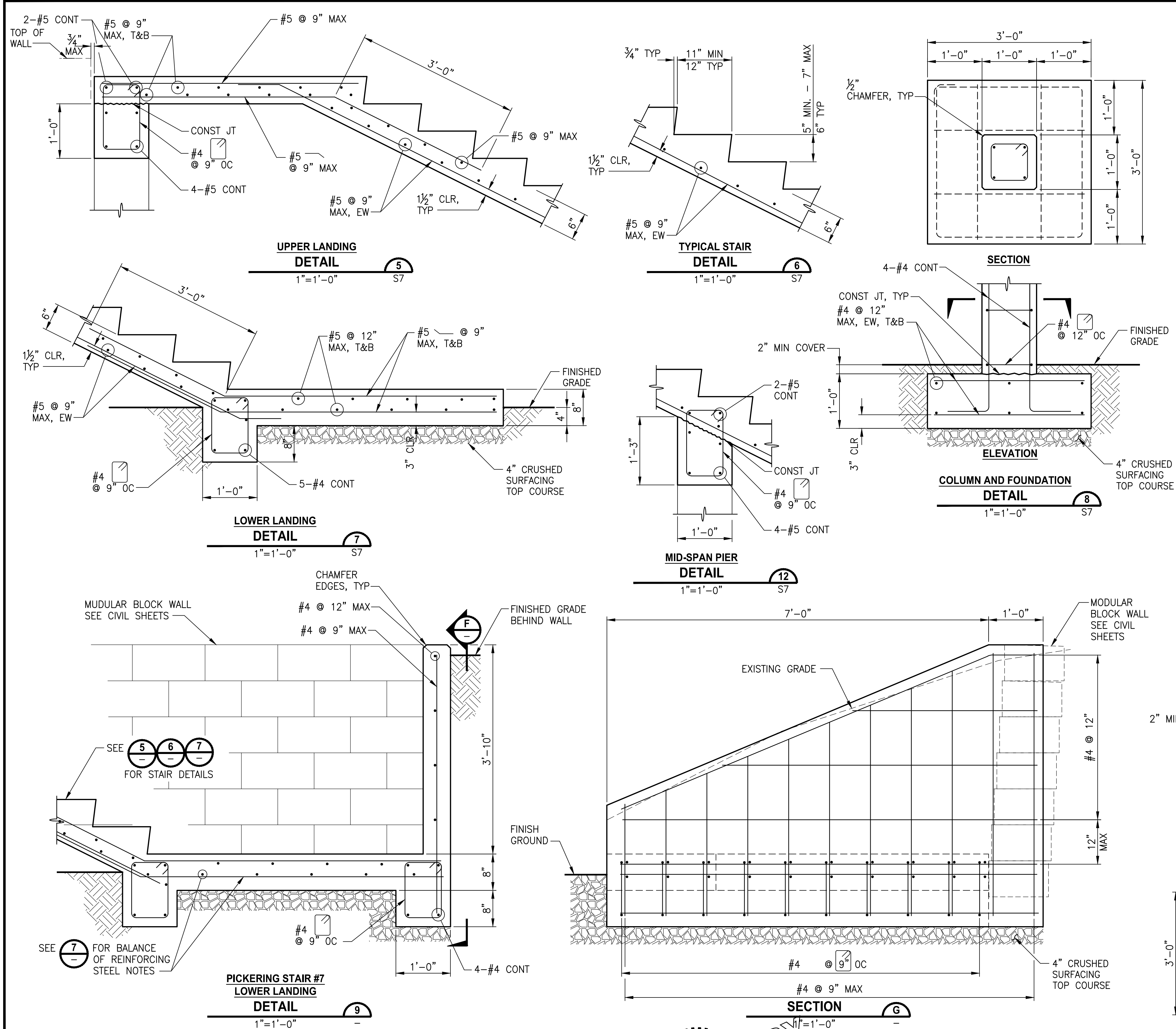
**EAST LAKE SAMMAMISH
MASTER PLAN TRAIL
SOUTH SAMMAMISH SEGMENT B**

SAMMAMISH, WA

CIP CONCRETE STAIR DETAILS

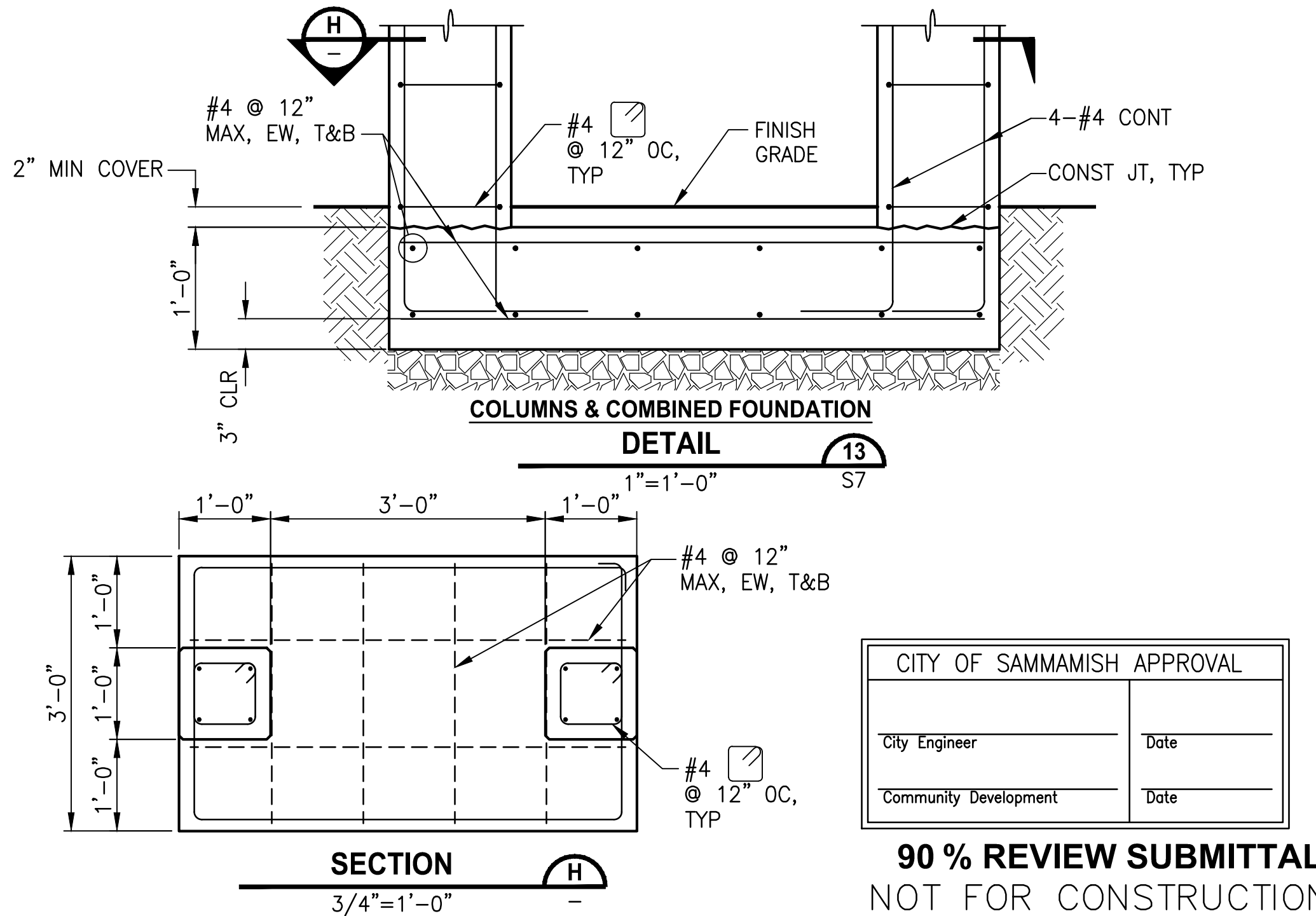
SHEET NO.
213 OF 274

PATH: U:\PSO\Projects\Clients\1521-1521-075-ELST\995\CA00\Phase 19 T03 Civil\DWG\ LAYOUT: S8 PLOTTED BY: purgubut DATE: Wednesday, February 27, 2019 9:22:02 PM



STAIR SCHEDULE:

Stair No.	Type	Number Risers	"L"	Landing Centerline at Trail	Reference Detail	DESCRIPTION
7	"L" SHAPE (PICKERING)	25	L1=10' L2=13'	299+90.05	4/S7, 9/S8	LShape with 3 landings, lower part is raised and the second half is on grade (11" treads with 7" risers)
8	Parallel	9	7'	301+37.82	1/S7	Lake side next to structural earth wall
12	Parallel	7	5'	302+63.00	1/S7	Lake side next to structural earth wall
13	"L"	23	L1=7' L2=13'	306+53.90	1/S7	Lake side next to structural earth wall
14	Parallel	6	4'	307+11.82	1/S7	Lake side next to structural earth wall
15	Perpendicular	4	2'	308+84.40	2/S7, 11/S7	Hill side short run on grade
22	Parallel SP WALL	23	21'	311+75.80	1/S7, 10/S7	Straight with two landings
23	Parallel SP WALL	22	20'	312+16.88	1/S7, 10/S7	Straight with two landings
25	Parallel SP WALL	11	9'	312+74.42	S5, 1/S7, 10/S7	Straight with two landings, one being shared with 26
26	Parallel SP WALL	12	10'	313+03.42	S5, 1/S7	Straight with two landings, one being shared with 25
28	Parallel	4	2'	312+92.71	1/S7, 11/S7	Lake side next to structural earth wall
30	"L"	12	L1=3' L2=7'	314+26.49	4/S7	Lake side next to structural earth wall
32	Parallel	7	5'	317+65.50	1/S7	Lake side next to structural earth wall
43	"L"	14	L1=5' L2=6'	344+14.23	4/S7	Lake side next to structural earth wall
45	Parallel	7	5'	345+86.27	1/S7	Lake side next to structural earth wall
49	Parallel	11	9'	347+26.80	1/S7	Lake side next to structural earth wall
52	Parallel	10	8'	349+35.34	1/S7	Lake side next to structural earth wall
53	"L"	22	L1=8' L2=11'	348+52.18	4/S7	Hill side next to gravity block wall
55	"L"	20	L1=11' L2=6'	350+19.83	4/S7	Lake side next to structural earth wall
56	"L"	21	L1=13' L2=5'	351+64.19	4/S7	Lake side next to structural earth wall
57	"L"	21	L1=12' L2=6'	350+19.83	4/S7	Lake side next to structural earth wall
58	Parallel	11	9'	357+22.66	1/S7	Lake side next to structural earth wall
59	Parallel	10	8'	358+95.20	1/S7	Lake side next to structural earth wall
60	Parallel	8	6'	360+40.59	1/S7	Lake side next to structural earth wall
63	Parallel	10	8'	373+52.32	1/S7	Lake side next to structural earth wall
64	Parallel	6	4'	375+03.43	1/S7	Lake side next to structural earth wall (extended landing)
69	Perpendicular	18	16'	448+23.21	2/S7, 10/S7	Lake side next to structural earth wall
71	Parallel	4	2'	448+74.23	1/S7, 11/S7	Lake side next to structural earth wall
72	Parallel	10	8'	450+18.69	1/S7	Lake side next to structural earth wall
73	Parallel	9	7'	451+38.94	1/S7	Lake side next to structural earth wall
77	Perpendicular	7	5'	454+36.96	2/S7	Lake side next to structural earth wall
78	"L"	14	L1=1' L2=10'	454+68.41	4/S7	Lake side next to structural earth wall
79	Perpendicular	10	8'	456+03.43	2/S7	Lake side next to structural earth wall
80	Perpendicular	6	4'	456+22.92	2/S7	Hill side short run on grade
81	Parallel	14	12'	456+79.20	1/S7	Lake side next to structural earth wall
83	Parallel	13	11'	457+64.00	1/S7	Straight with two landings on grade
86	"L"	12	L1=3' L2=6'	462+51.83	4/S7	Lake side next to structural earth wall
89	"U"	13	L1=5' L2=5'	463+66.83	3/S7	Lake side next to structural earth wall
90	Parallel	12	10'	465+16.82	1/S7	Lake side next to structural earth wall
91	"L"	16	L1=5' L2=8'	467+01.85	4/S7	Lake side next to structural earth wall
25A	Parallel	5	3'	312+90.60	1/S7	Lake side next to structural earth wall
26A	"L"	10	L1=5' L2=3'	313+09.96	4/S7	Lake side next to structural earth wall
35A	Parallel	9	7'	330+19.12	1/S7	On hill side on grade next to SEW wall
51A	Parallel	8	6'	348+18.92	1/S7	Lake side next to structural earth wall
56A	Perpendicular	4	2'	352+62.32	2/S7, 11/S7	Lake side next to structural earth wall
5B	Parallel SP WALL	19	17'	298+00.49	1/S7, 10/S7	Straight with two landings



CITY OF SAMMAMISH APPROVAL	
City Engineer	Date
Community Development	Date

90 % REVIEW SUBMITTAL
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REVISIONS	DATE	BY	DESIGNED
			R. MURRAY
			A. VALENCIA
			S. WAGNER
			J. BAILEY

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SOUTH SAMMAMISH SEGMENT B**
SAMMAMISH, WA

CIP CONCRETE STAIR DETAILS

SHEET NO.
214 OF 274

S8