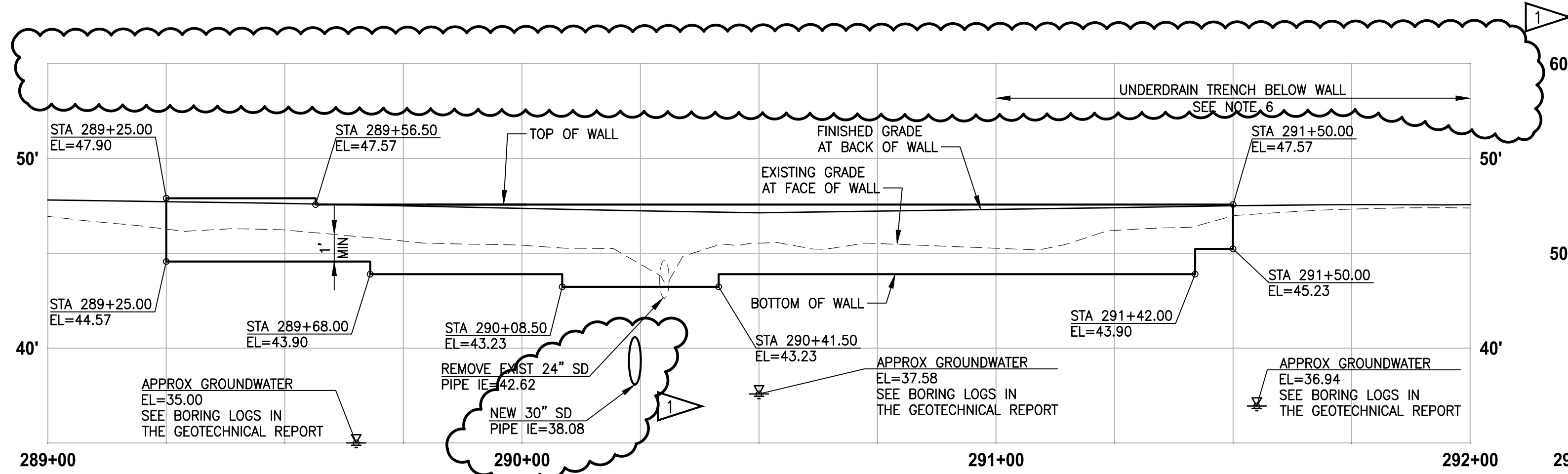
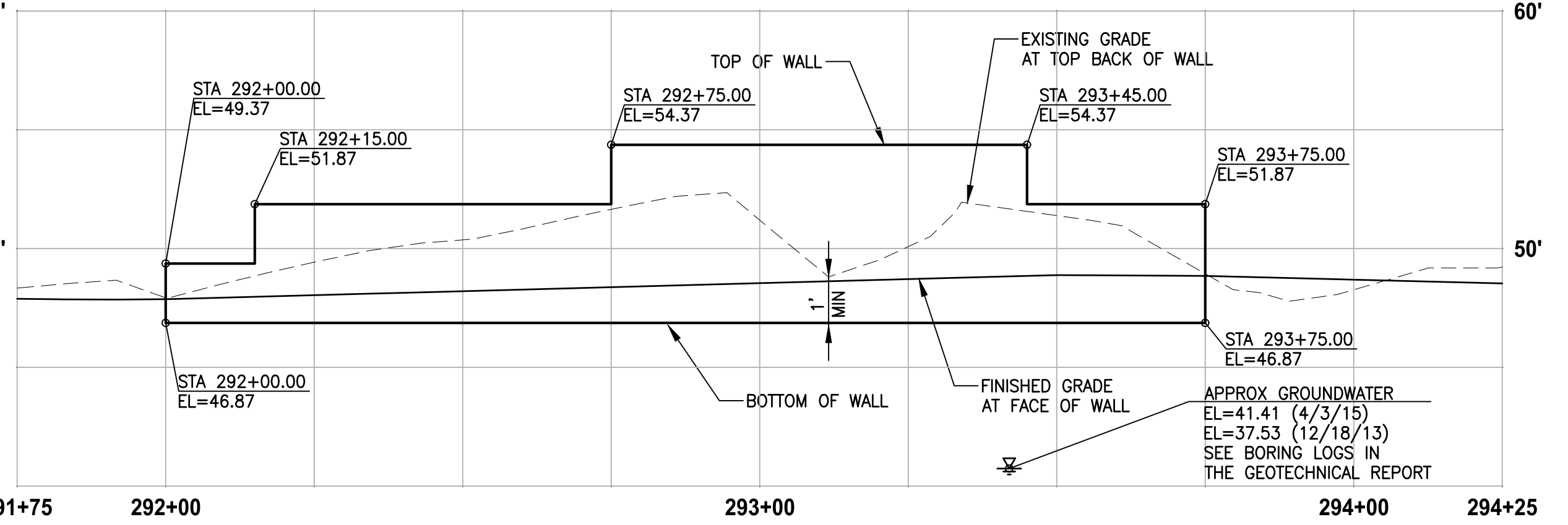


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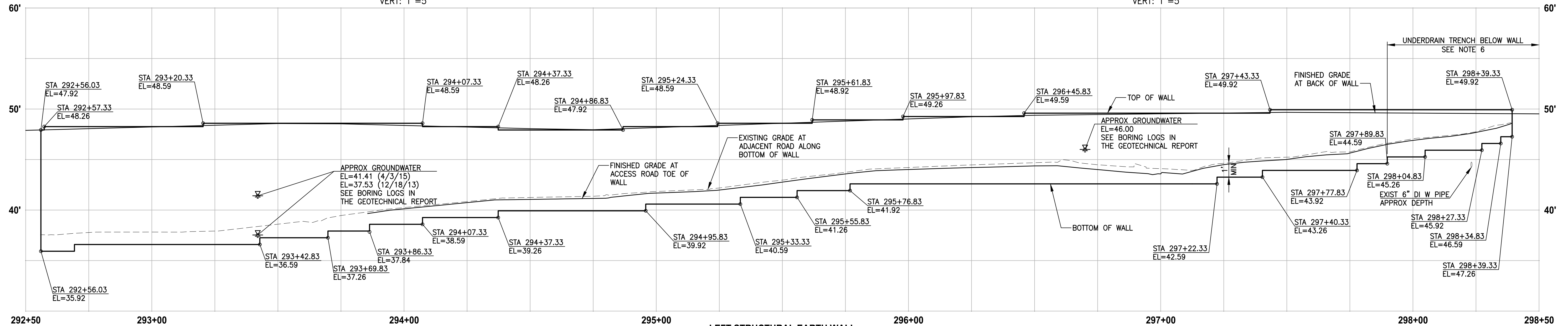
LEFT STRUCTURAL EARTH WALL  
WALL #1 (FILL) B-LINE

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



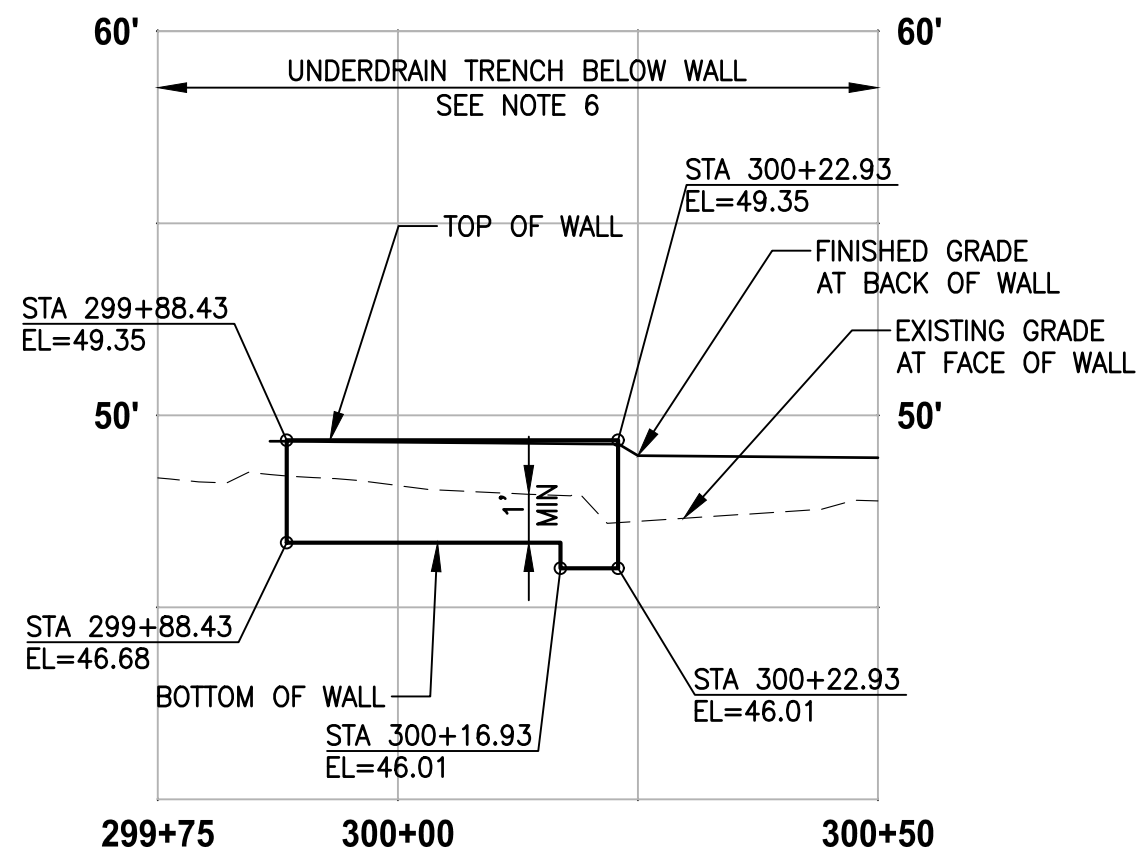
RIGHT GRAVITY BLOCK WALL  
WALL #2 (CUT) B-LINE

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



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

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



LEFT STRUCTURE EARTH WALL  
WALL #3D (FILL) B-LINE

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

#### NOTES:

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- SEE SHEET WD2 FOR DETAIL OF CASING/SLEEVES FOR EXISTING UTILITIES BENEATH WALLS.
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#### CITY OF SAMMAMISH APPROVAL

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

Community Development

CITY OF SAMMAMISH PUBLIC WORKS  
DEVELOPMENT REVIEW  
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10 June 2021

CONFORMED DRAWING



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PROJECT NAME

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

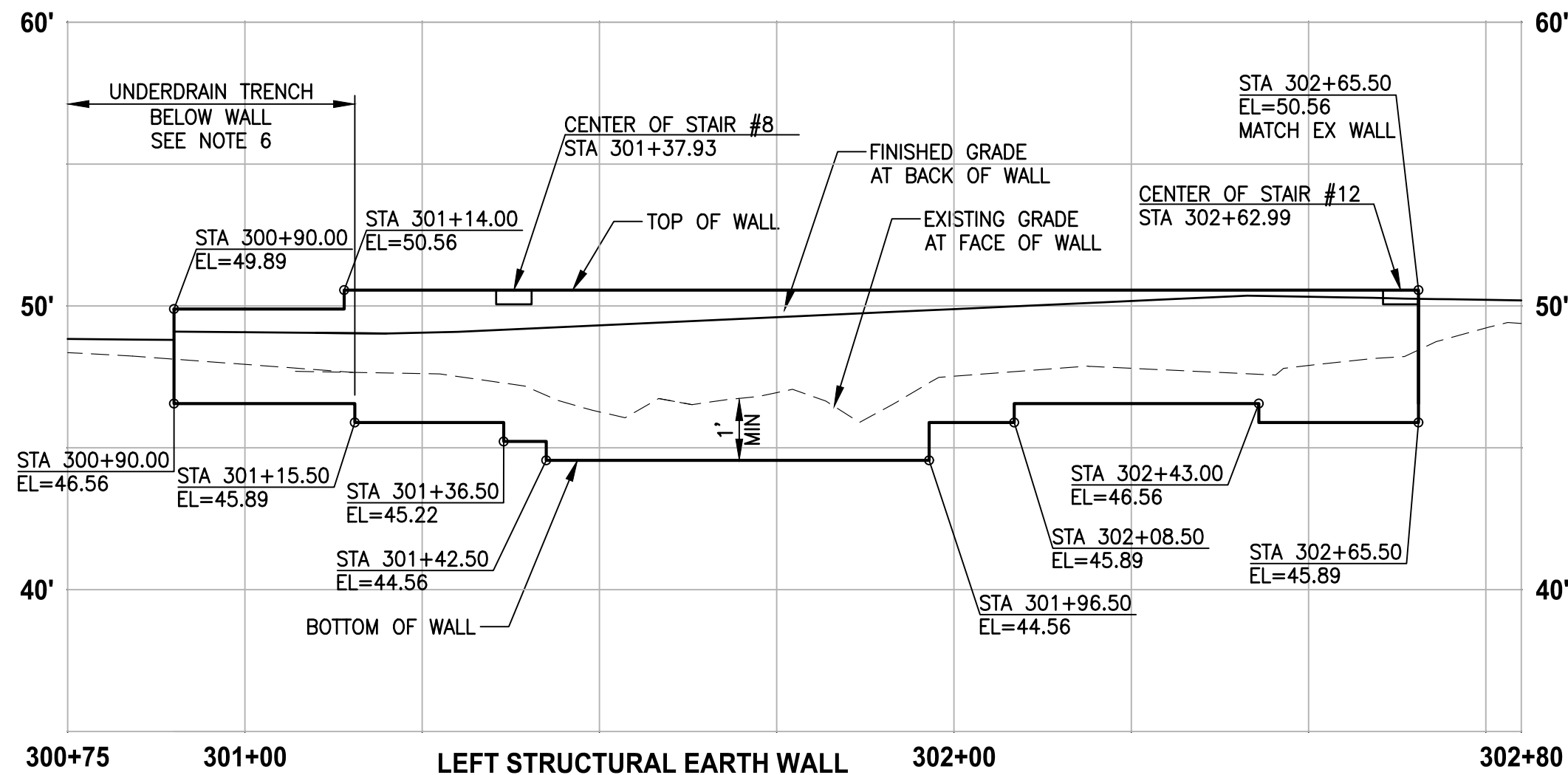
WALL PROFILES

SHEET NO.  
102 OF 190

WP1

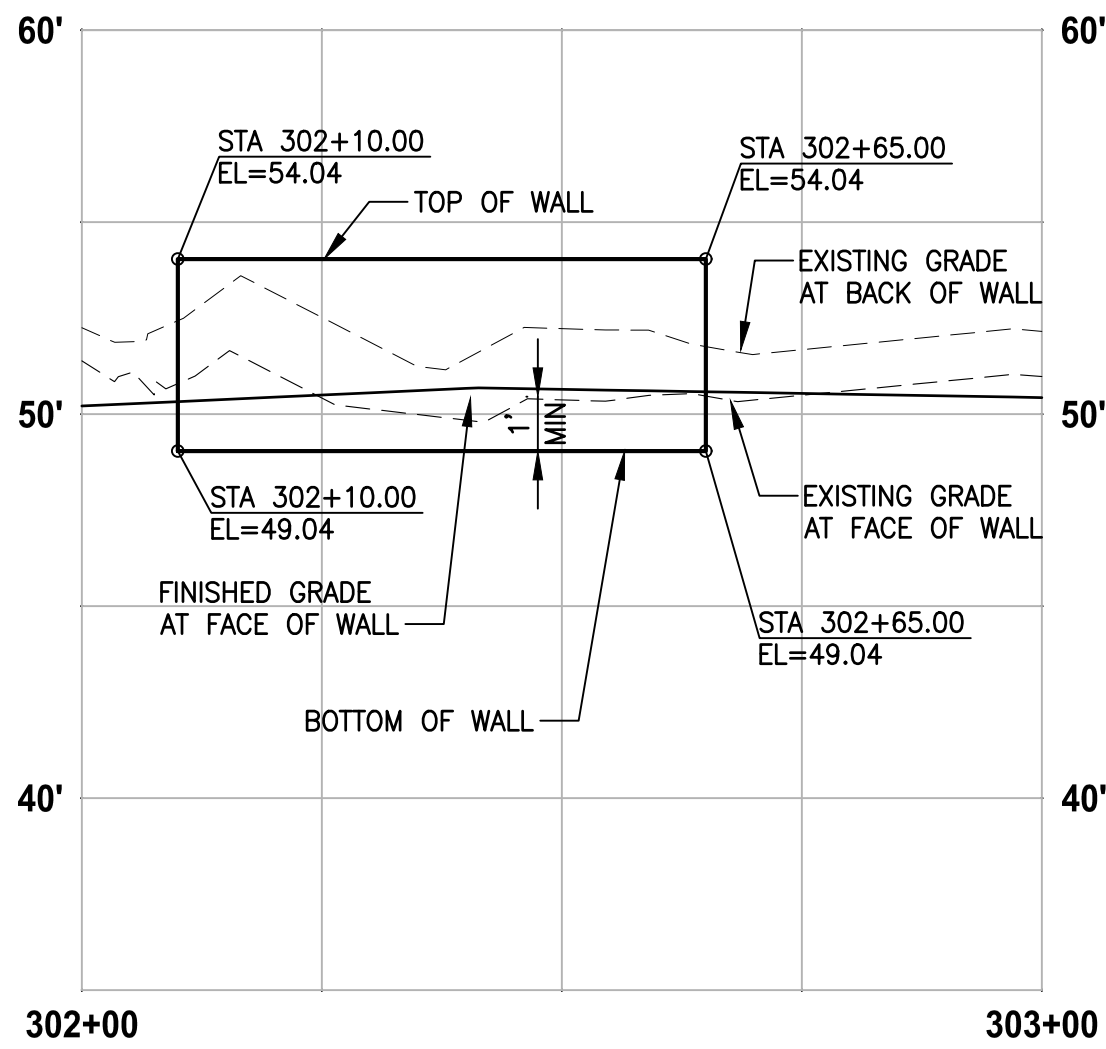


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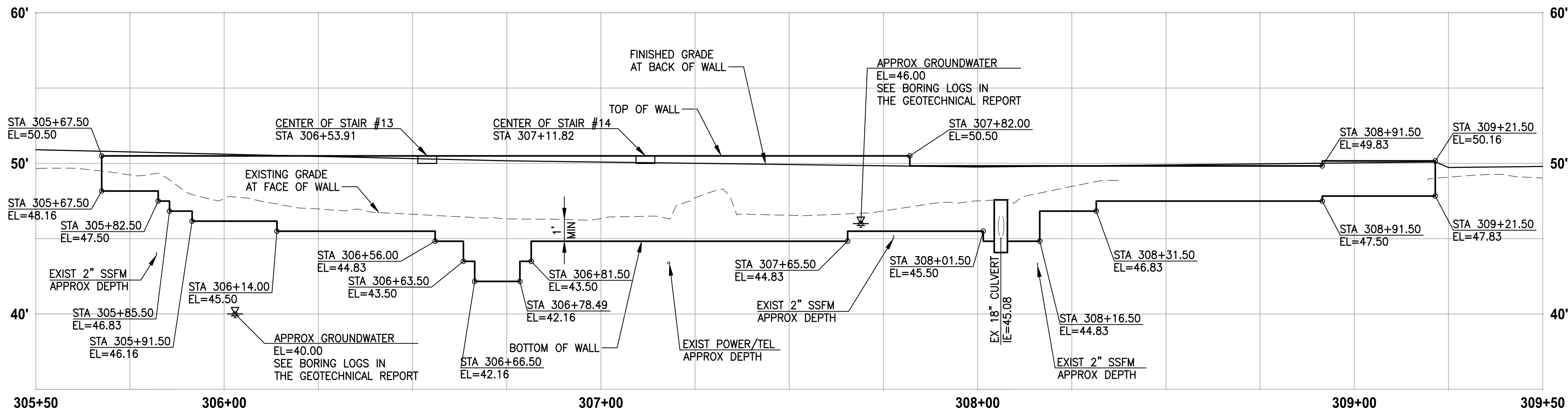
LEFT STRUCTURAL EARTH WALL  
WALL #4 (FILL) B-LINE

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



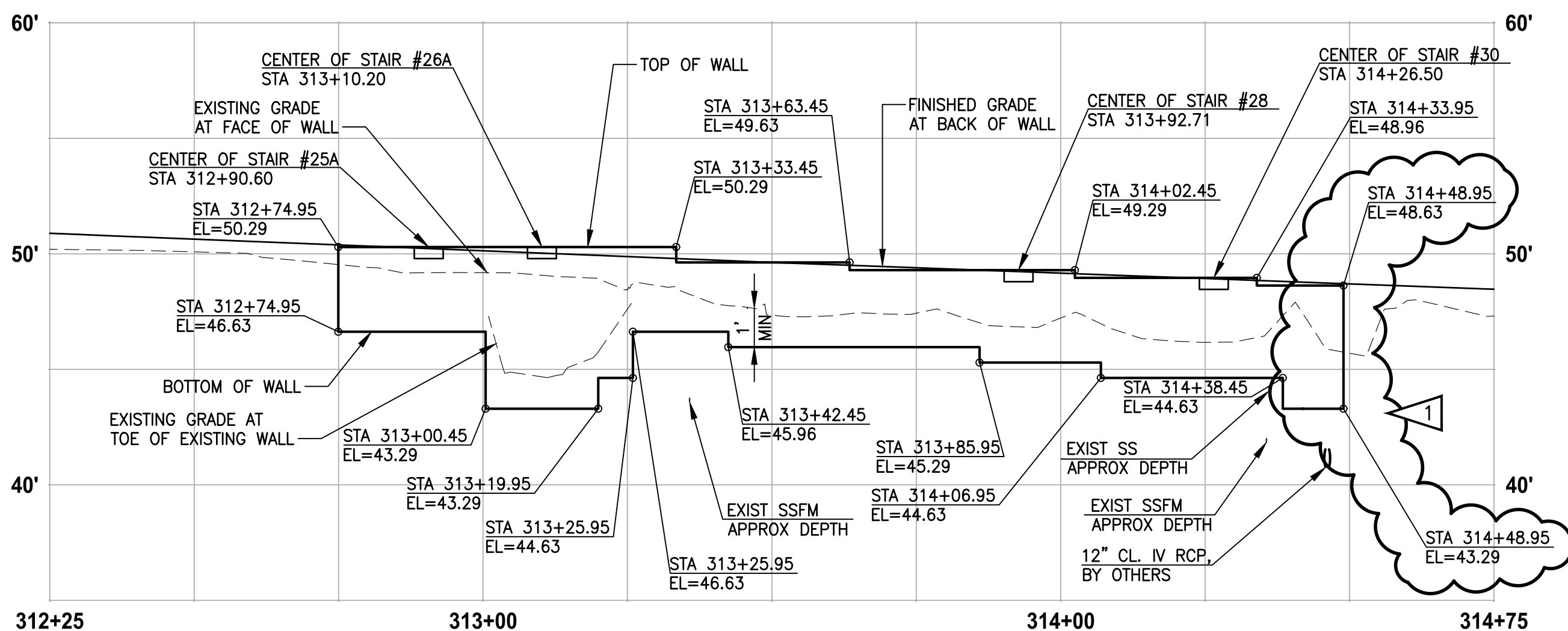
RIGHT GRAVITY BLOCK WALL  
WALL #4A (CUT) B-LINE

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



LEFT STRUCTURAL EARTH WALL  
WALL #5 (FILL) B-LINE

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



LEFT STRUCTURAL EARTH WALL  
WALL #8 (FILL) B-LINE

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

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CITY OF SAMMAMISH APPROVAL

PLANNING DEPT. APPROVAL

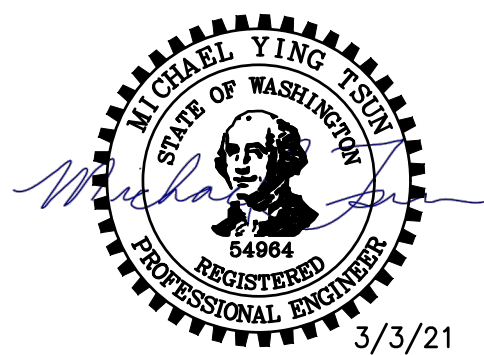
BY: ABaty  
DATE: 06/10/2021

Community Development

CITY OF SAMMAMISH PUBLIC WORKS  
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10 June 2021

CONFORMED DRAWING



REVISIONS	DATE	BY	DESIGNED
1	ADDENDUM #6	3/3/21	MT
			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
NOVEMBER 2020

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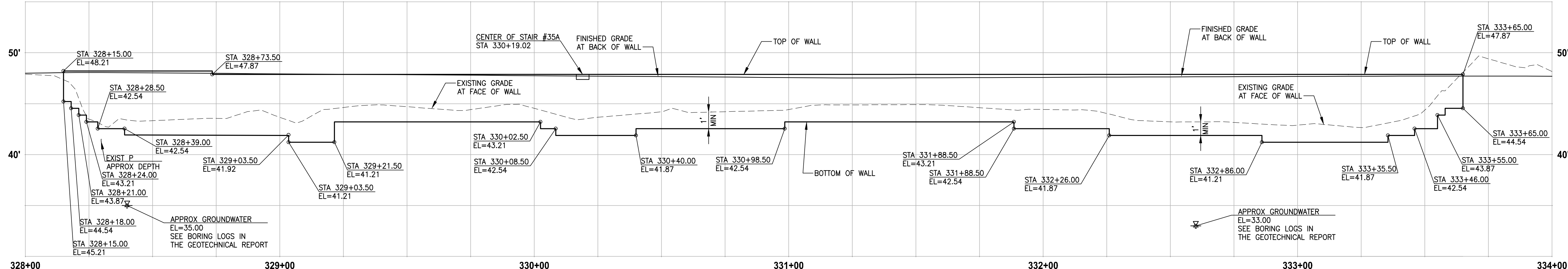
PROJECT NAME
<b>EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMMAMISH SEGMENT B - PHASE 1</b>
SAMMAMISH, WA

WALL PROFILES

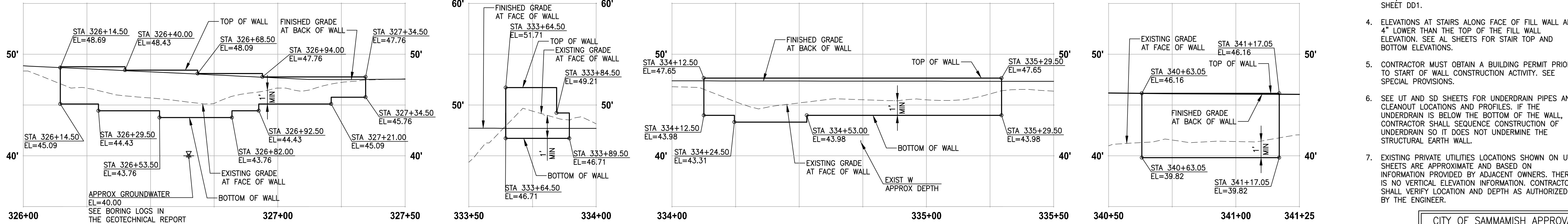
SHEET NO.  
103 OF 190

WP2

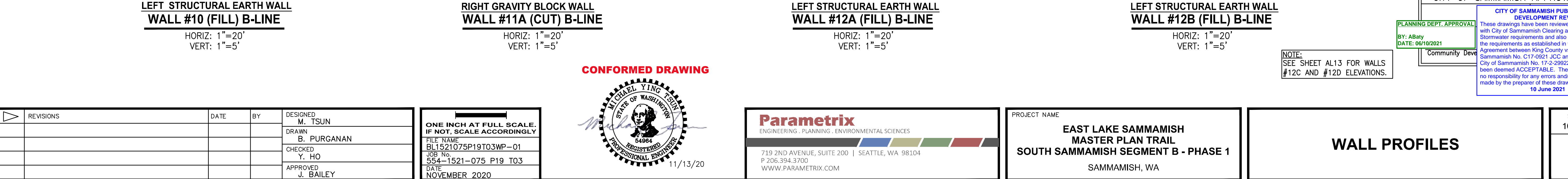




HORIZ: 1"=20'  
VERT: 1"=5'



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



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

**CONFORMED DRAWING**



11/13/20

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PROJECT NAME

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

SAMMAMISH, WA

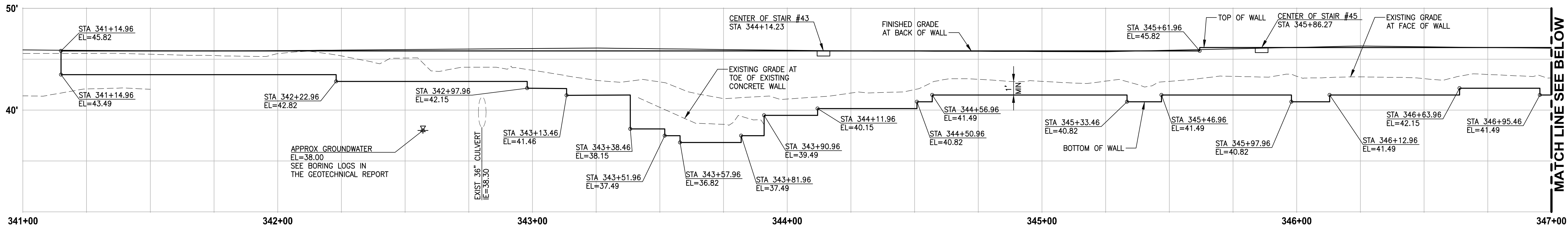
## WALL PROFILES

SHEET NO.  
104 OF 190

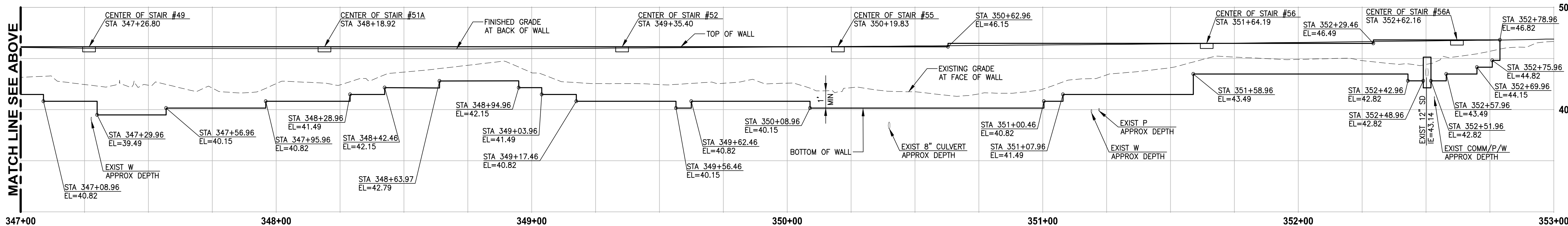
## WP3



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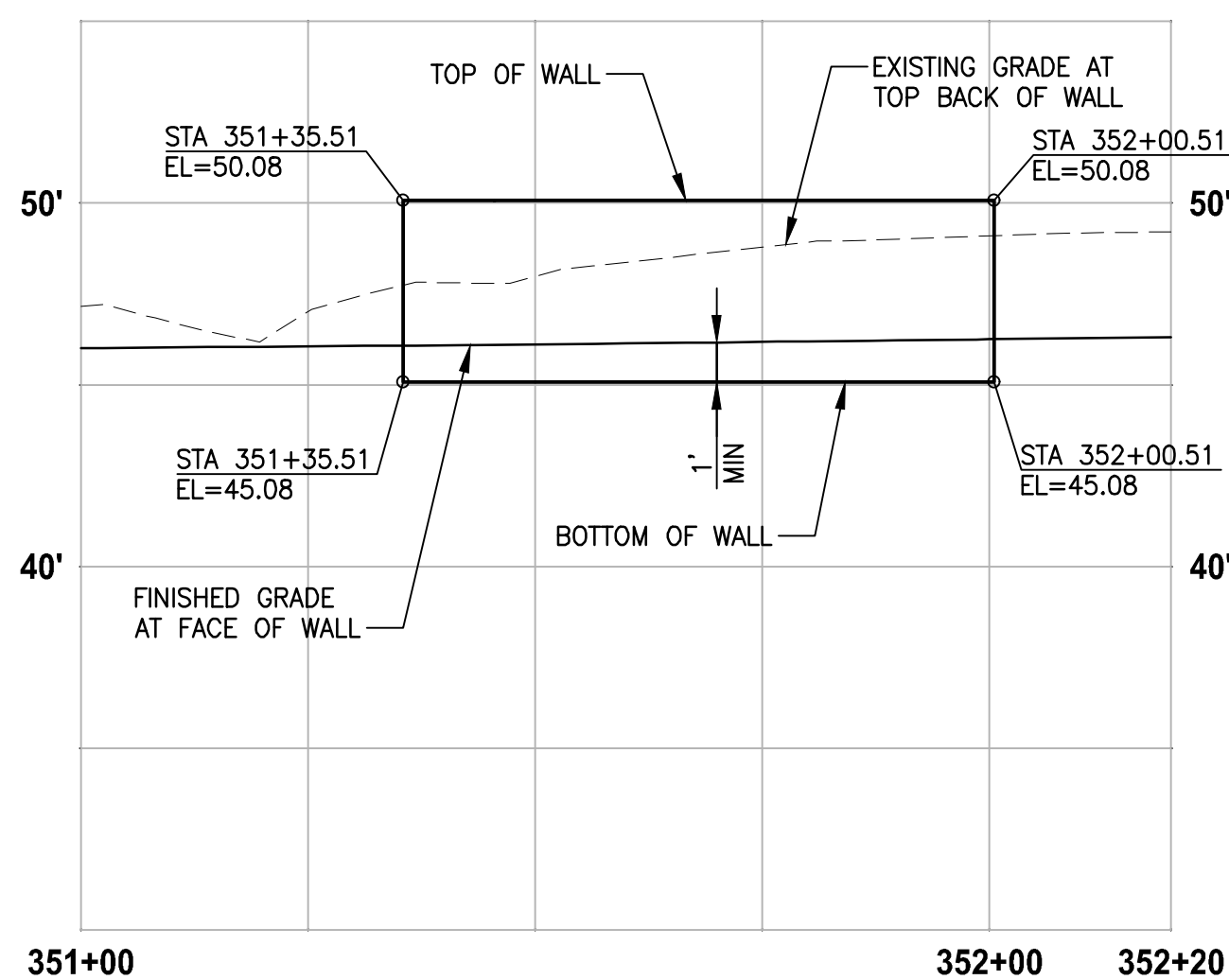


341+00 342+00 343+00 344+00 345+00 346+00 347+00  
**LEFT STRUCTURAL EARTH WALL**  
**WALL #13 (FILL) B-LINE**  
HORIZ: 1"=20'  
VERT: 1"=5'

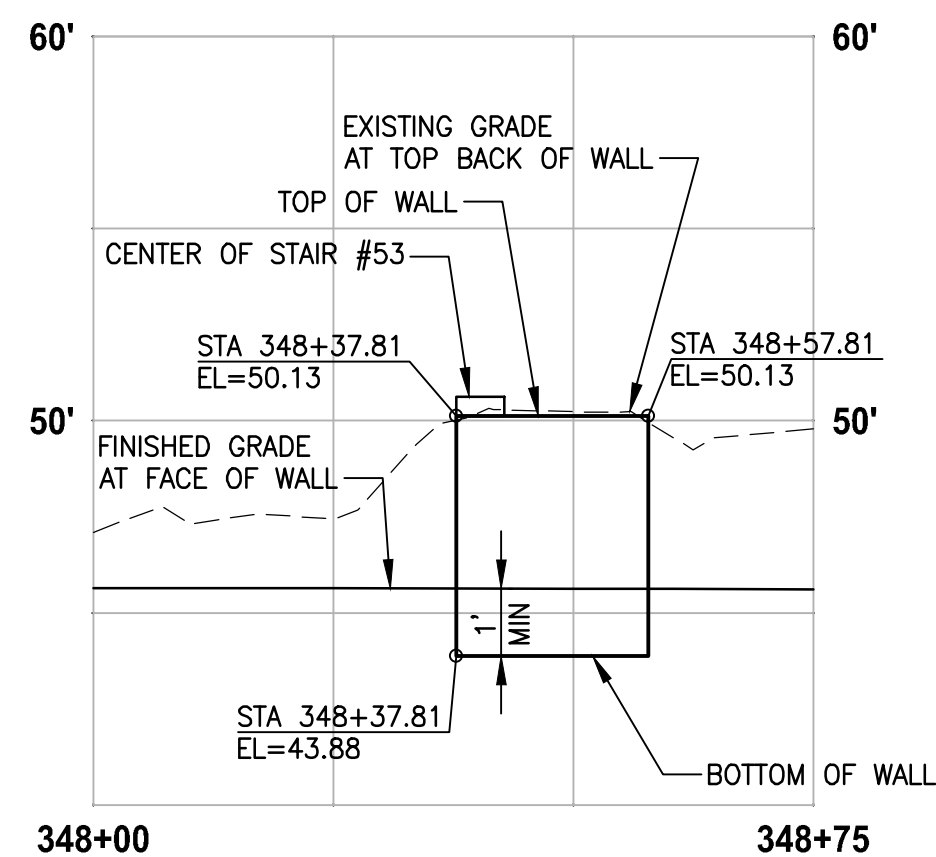


347+00 348+00 349+00 350+00 351+00 352+00 353+00  
**LEFT STRUCTURAL EARTH WALL**  
**WALL #13 (FILL) B-LINE**  
HORIZ: 1"=20'  
VERT: 1"=5'

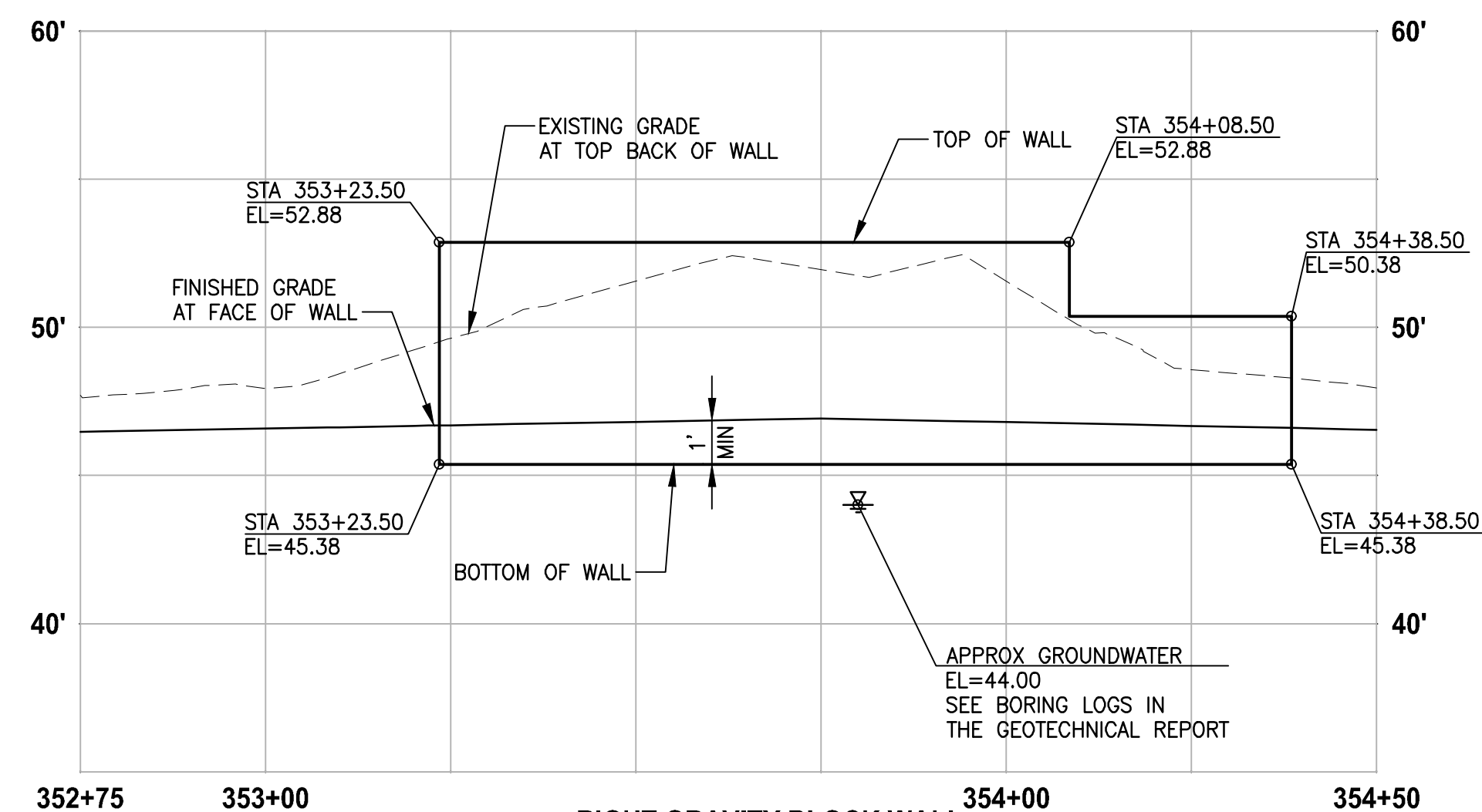
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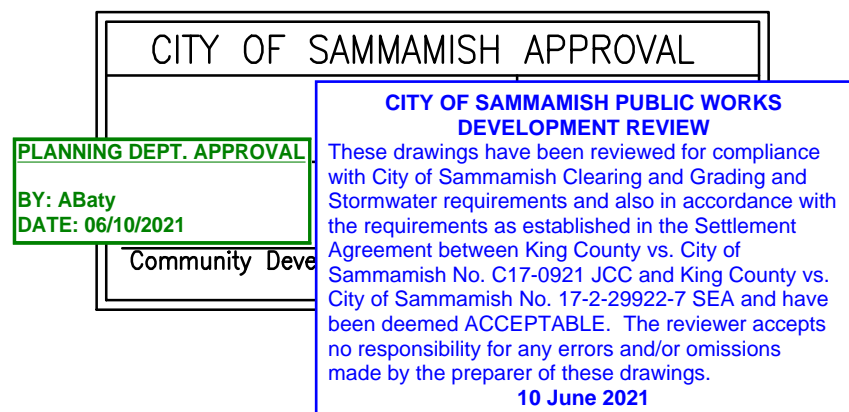
351+00 352+00 352+20  
**RIGHT GRAVITY BLOCK WALL**  
**WALL #13A (CUT) B-LINE**  
HORIZ: 1"=20'  
VERT: 1"=5'



348+00 348+75  
**RIGHT GRAVITY BLOCK WALL**  
**WALL #13B (CUT) B-LINE**  
HORIZ: 1"=20'  
VERT: 1"=5'  
**CONFORMED DRAWING**

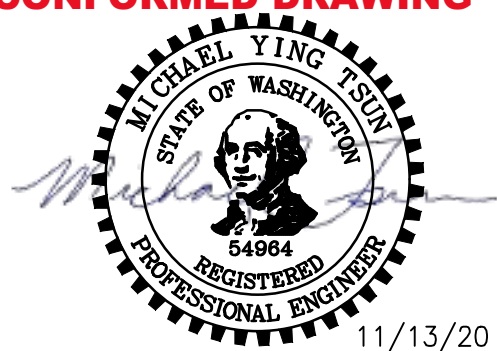


352+75 353+00 354+00 354+50  
**RIGHT GRAVITY BLOCK WALL**  
**WALL #14 (CUT) B-LINE**  
HORIZ: 1"=20'  
VERT: 1"=5'



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

<b>ONE INCH AT FULL SCALE.</b> IF NOT, SCALE ACCORDINGLY	
FILE NAME	BL1521075P19T03WP-01
JOB No.	554-1521-075 P19 T03
DATE	NOVEMBER 2020



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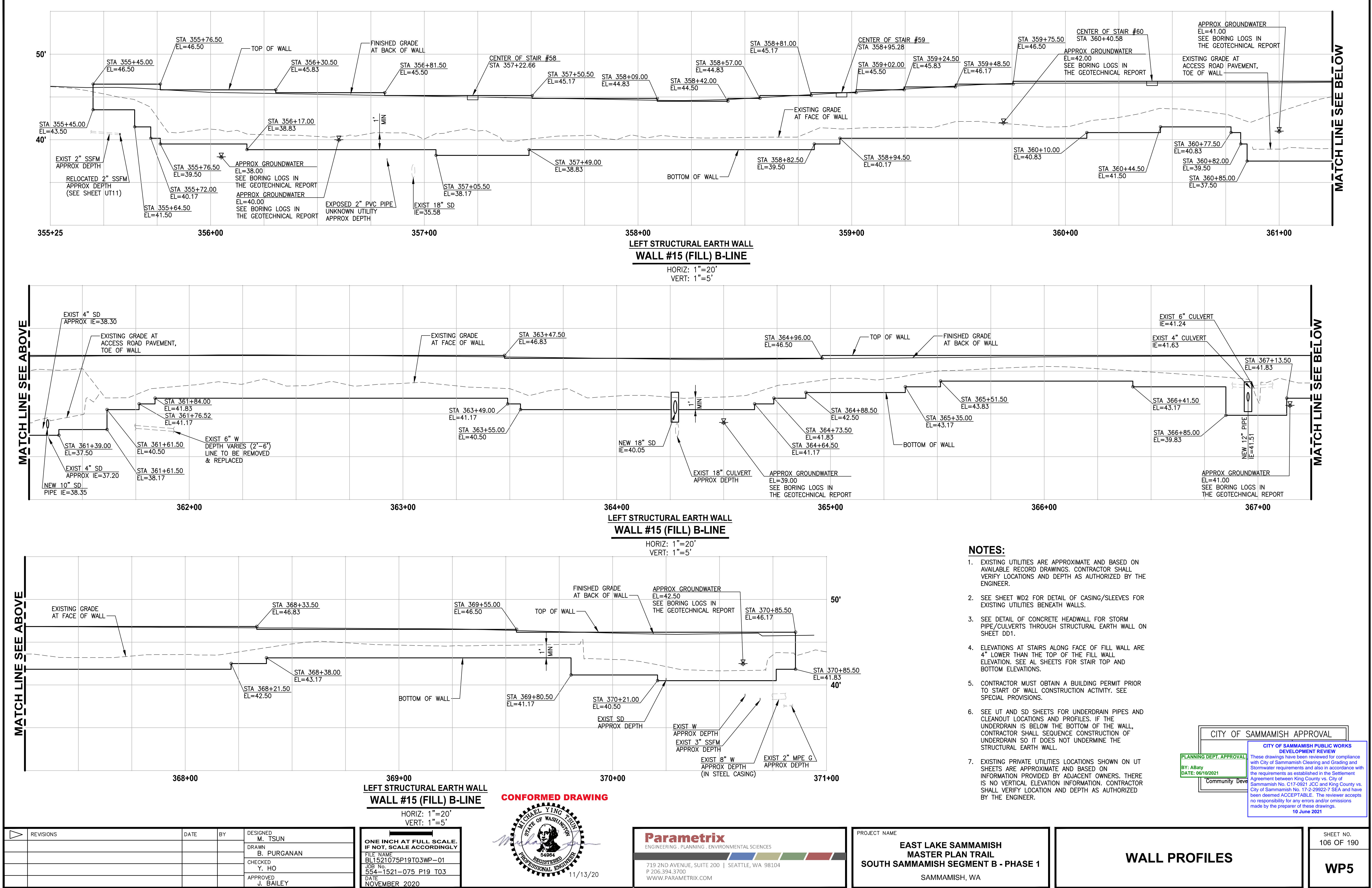
PROJECT NAME  
**EAST LAKE SAMMAMISH  
MASTER PLAN TRAIL  
SOUTH SAMMAMISH SEGMENT B - PHASE 1**  
SAMMAMISH, WA

**WALL PROFILES**

SHEET NO.  
105 OF 190  
**WP4**



PATH: U:\PSO\Projects\clients\1521-KingCo\554-1521-075-ELST\99Sves\CADD\Phase 19\T03 Civil\DWg-Phase1\ PLOTTED BY: purgubut DATE: Friday, November 13, 2020 4:05:37 PM LAYOUT: WP5



EXISTING GRADE  
AT FACE OF WALL

STA 368+33.50  
EL=46.83

STA 369+55.00  
EL=46.50

STA 370+85.50  
EL=46.17

STA 370+85.50  
EL=41.83

STA 368+21.50  
EL=42.50

STA 368+38.00  
EL=43.17

STA 369+80.50  
EL=41.17

STA 370+21.00  
EL=40.50

EXIST SD  
APPROX DEPTH

EXIST W  
APPROX DEPTH

EXIST 3" SSFM  
APPROX DEPTH

EXIST 8" W  
APPROX DEPTH  
(IN STEEL CASING)

EXIST 2" MPE G  
APPROX DEPTH

FINISHED GRADE  
AT BACK OF WALL

APPROX GROUNDWATER  
EL=42.50  
SEE BORING LOGS IN  
THE GEOTECHNICAL REPORT

TOP OF WALL

EXISTING GRADE  
AT FACE OF WALL

BOTTOM OF WALL

368+00

369+00

370+00

371+00

LEFT STRUCTURAL EARTH WALL

WALL #15 (FILL) B-LINE

HORIZ: 1"=20'

VERT: 1"=5'

MATCH LINE SEE ABOVE

MATCH LINE SEE BELOW

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  
NOVEMBER 2020

CONFORMED DRAWING

MICHAEL YING TSEU  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER  
54984

11/13/20

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PROJECT NAME

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

SAMMAMISH, WA

WALL PROFILES

SHEET NO.  
106 OF 190

WP5

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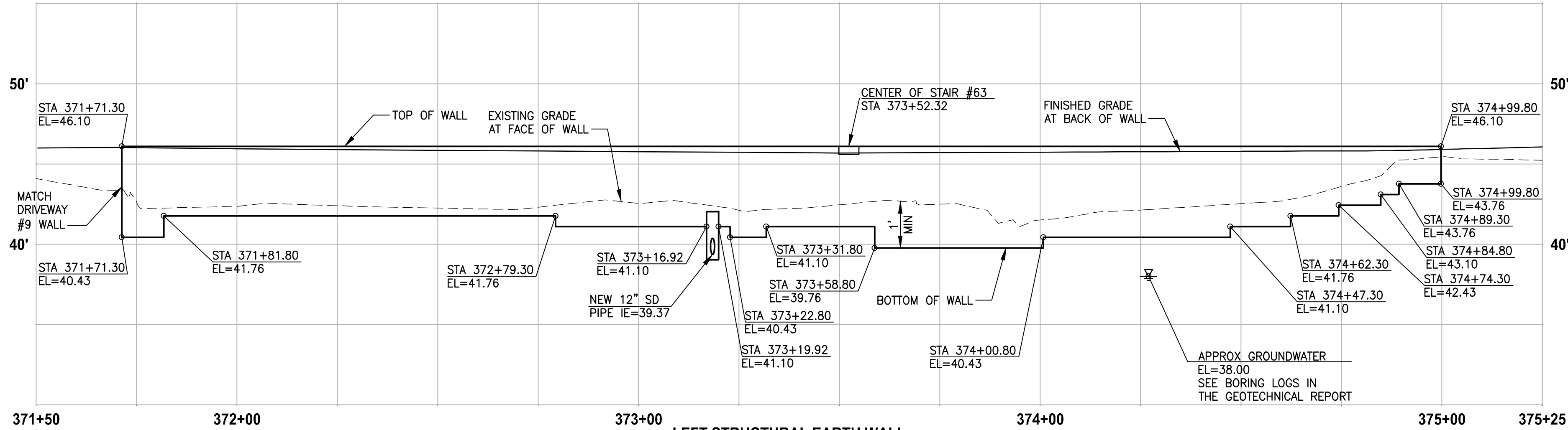
CITY OF SAMMAMISH APPROVAL

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

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10 June 2021

LAYOUT: WP6 PATH: U:\PSO\Projects\Clients\1521-KingCo\564-1521-075-ELST\98Sves\CADD\Phase 19\T03 Civil\DWG-Phase1 PLOTTED BY: purgbut DATE: Friday, November 13, 2020 9:50:12 AM



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PROJECT NAME

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

SAMMAMISH, WA

**CITY OF SAMMAMISH APPROVAL**

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

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10 June 2021

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

ONE INCH AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY

FILE NAME  
BL1521075P19T03WP-01

JOB No.  
554-1521-075 P19 T03

DATE  
NOVEMBER 2020

WALL PROFILES

SHEET NO.  
107 OF 190

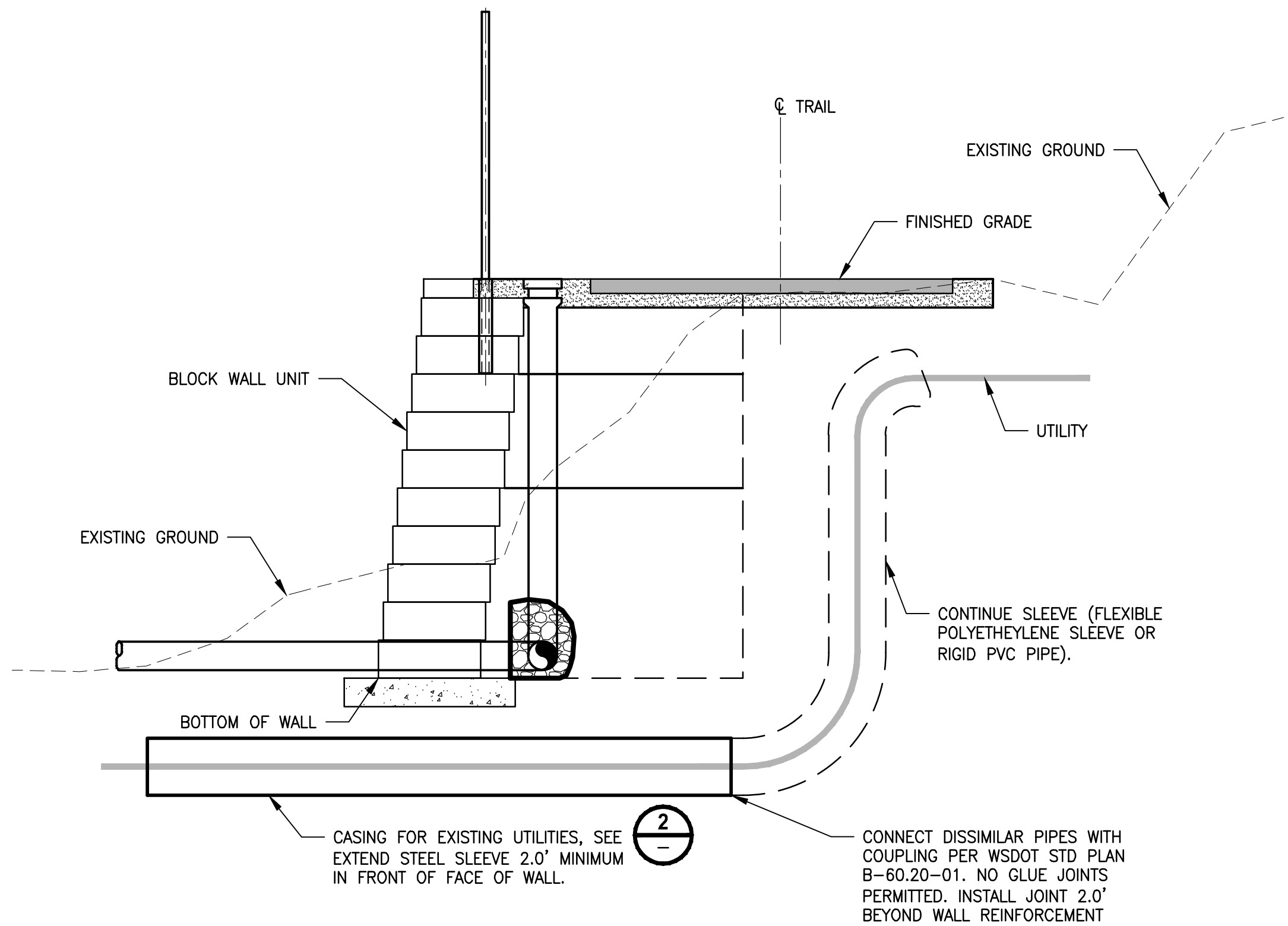
WP6



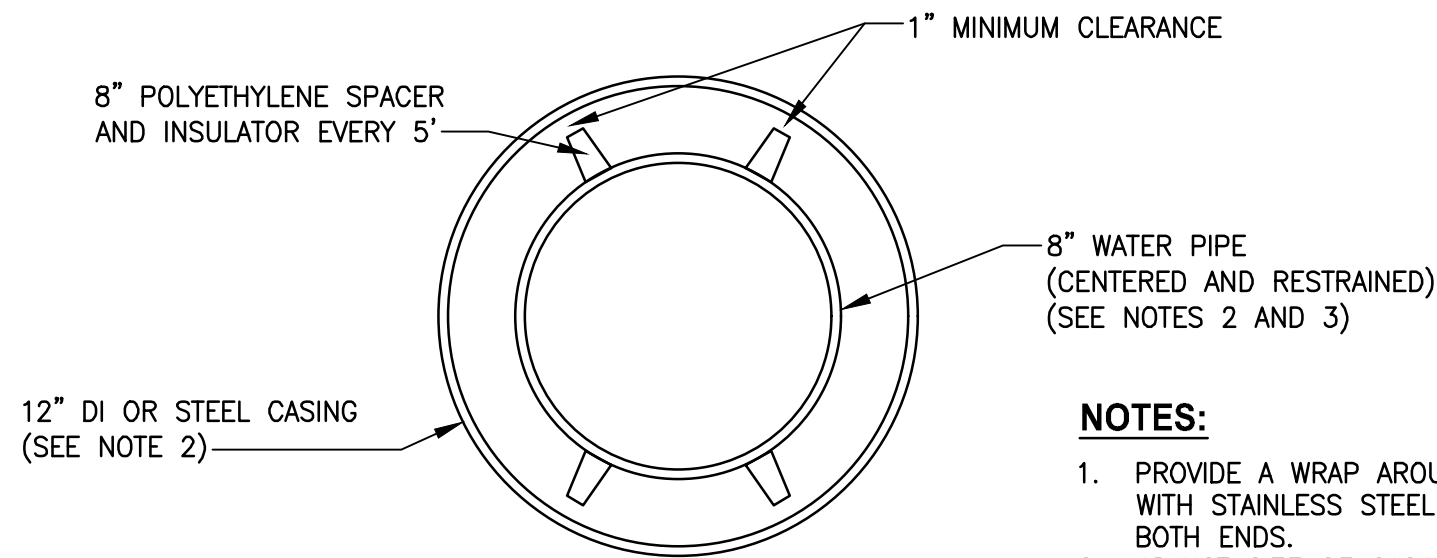




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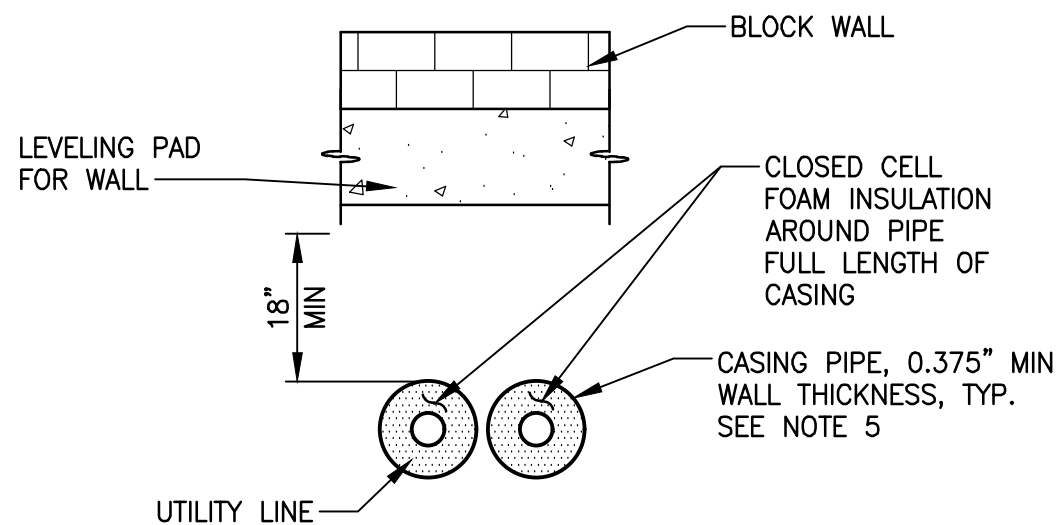


**CASING/SLEEVE OF EXISTING UTILITIES UNDER WALLS**  
**DETAIL 1**  
NOT TO SCALE



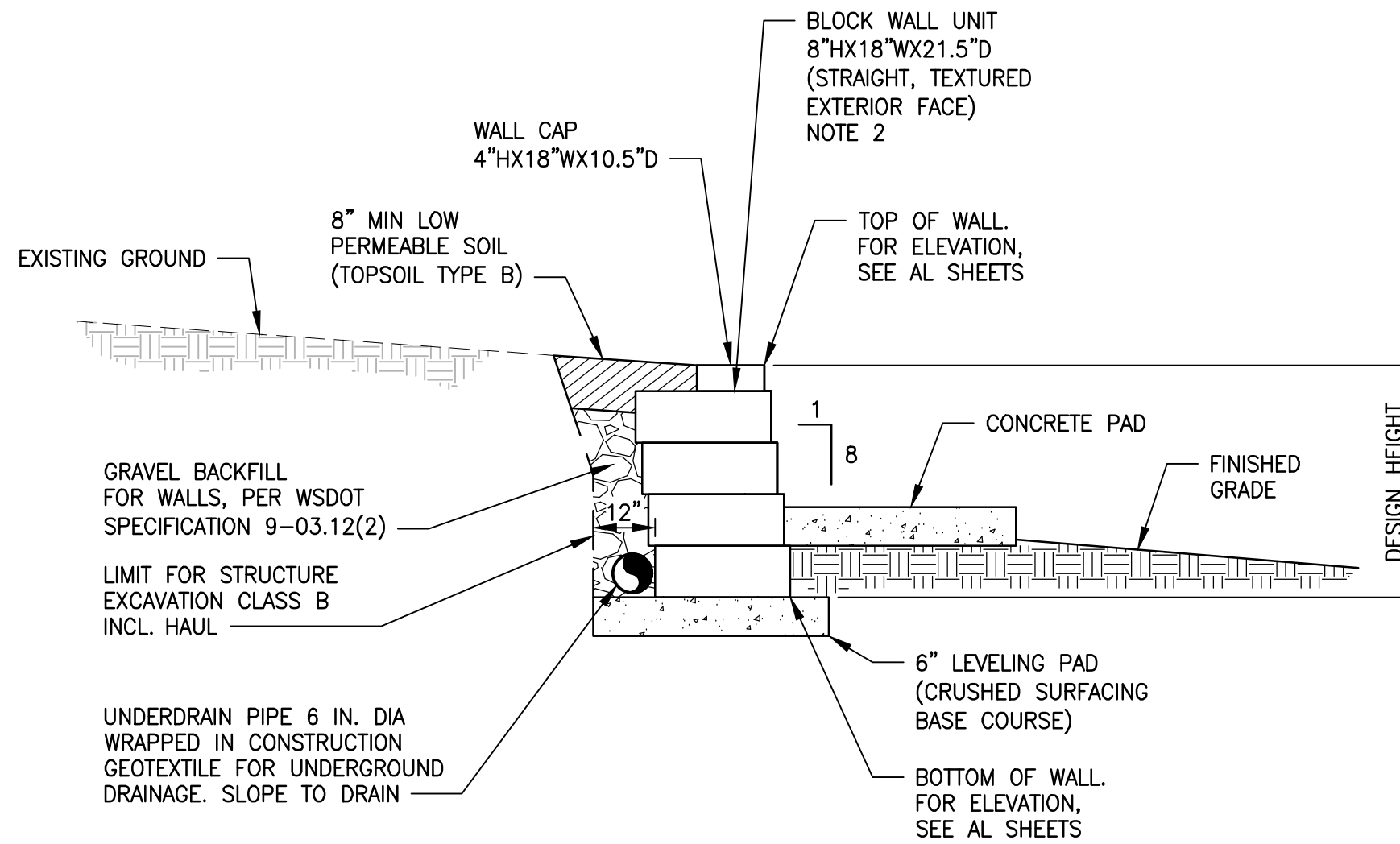
**WATER CASING DETAIL**  
**DETAIL 4**  
NOT TO SCALE

- NOTES:**
1. PROVIDE A WRAP AROUND END SEAL WITH STAINLESS STEEL BANDS ON BOTH ENDS.
  2. ADJUST SIZE OF CASING ACCORDING TO EXISTING SIZE OF WATER MAIN. SEE NOTE 2 OF DETAIL 2.
  3. IF NEW WATER PIPE IS NEEDED FOR EXTENSION OR ADJUSTMENT, THE PIPE SHALL BE RJ DI CLASS 52 ZINC COATED, WRAPPED IN A VBIO POLYWRAP PER SPWD TECHNICAL SPECIFICATIONS, SEE APPENDIX D OF SPECIAL PROVISIONS.



- NOTES:**
1. 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.
  2. 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 EQUAL OR OVER 6" DIA., INSIDE DIAMETER OF CASING PIPE SHALL EXCEED THE OUTSIDE DIAMETER OF THE UTILITY BY 4".
  3. PROVIDE A WRAP AROUND END SEAL WITH STAINLESS STEEL BANDS ON BOTH ENDS.
  4. ADHERE TO THE DEPARTMENT OF ECOLOGY AND DEPARTMENT OF HEALTH PIPELINE SEPARATION DESIGN AND INSTALLATION REFERENCE GUIDE.
  5. USE SPLIT STEEL CASING SLEEVE IF EXISTING LINE CROSSING THAT DOES NOT REQUIRE VERTICAL/HORIZONTAL ADJUSTMENTS. USE STEEL CASING IF ADJUSTMENT IS REQUIRED FOR THE EXISTING LINE.

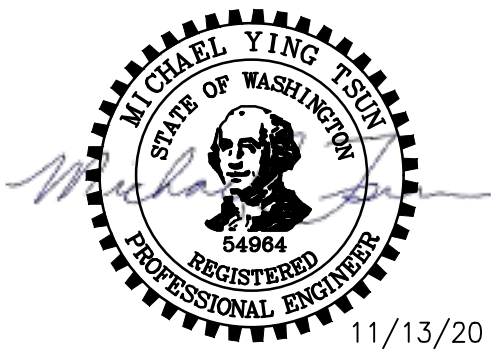
**CROSS SECTION FOR CASING/SLEEVE OF EXISTING UTILITIES UNDER WALLS**  
**DETAIL 2**  
NOT TO SCALE



- NOTES:**
1. RESTORE DISTURBED EXISTING GROUND WITH NATIVE SOIL BACKFILL AND SEEDING, ANY LANDSCAPING SHALL BE OFFSET 2 FEET MIN FROM FACE OF WALL. SEE SHEET LD1 FOR ADDITIONAL SETBACK REQUIREMENTS.
  2. FILL BLOCK UNITS WITH UNIT DRAINAGE FILL. SEE SPECIAL PROVISIONS FOR WALL DESIGN REQUIREMENTS. ALL CONSTRUCTION MUST CONFORM TO MANUFACTURER'S SPECIFIC REQUIREMENTS.

**GRAVITY WALL**  
**WALL #16B**  
**DETAIL 3**  
NOT TO SCALE

CONFORMED DRAWING

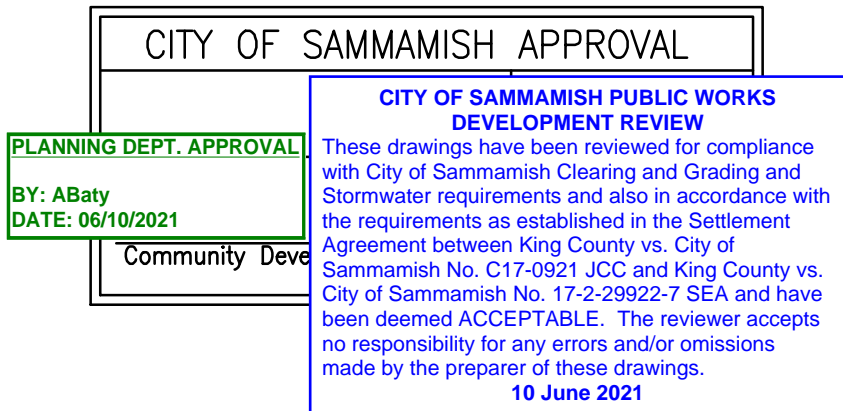


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PROJECT NAME  
**EAST LAKE SAMMAMISH  
MASTER PLAN TRAIL  
SOUTH SAMMAMISH SEGMENT B - PHASE 1**  
SAMMAMISH, WA

**STRUCTURAL EARTH WALL  
DETAILS**

SHEET NO.  
109 OF 190  
**WD2**





LAYOUT: WD3      PATH: U:\PSO\Projects\Clients\1521-KingCo\564-1521-075-ELST\98Sves\CADD\Phase 19\T03 Civil\DWG-Phase1\      PLOTTED BY: purgbut      DATE: Friday, November 13, 2020 9:50:29 AM

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	298+13	RT	1.5'-11.5'	CUT	SOLDIER PILE	SOLDIER PILE WALL
WALL 3B	B-LINE	292+54	298+39	LT	1.3'-10.7'	FILL	SEW	TEMPORARY SHORING
WALL 3C	B-LINE	298+86	299+50	RT	2.0'-4.0'	CUT	SOLDIER PILE	TEMPORARY CUT SLOPE 1H:1V
WALL 3D	B-LINE	299+88	300+23	RT	0.8'-2.1'	FILL	SEW	
WALL 4	B-LINE	300+90	302+61	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+68	309+22	LT	1.0'-4.2'	FILL	SEW	
WALL 6	B-LINE	310+59	313+64	RT	1.0'-10.5'	CUT	SOLDIER PILE	SOLDIER PILE WALL
WALL 8	B-LINE	312+75	314+43	LT	0.6'-5.7'	FILL	SEW	END OF WALL SHALL END FLUSH AGAINST EXISTING WALL
WALL 8A	B-LINE	314+43	314+43	LT	3'-8'	FILL	SEW	BY OTHERS
WALL 9	B-LINE	314+85	320+12	LT	0.8'-6.1'	FILL	SEW	
WALL 9A	B-LINE	323+00	323+10	RT	1.5'	FILL	GBW	SEE AL9 FOR WALL ELEVATIONS
WALL 10	B-LINE	326+15	327+36	LT	0.3'-3.2'	FILL	SEW	
WALL 11	B-LINE	328+15	333+65	RT	0.1'-5.2'	FILL	SEW	
WALL 11A	B-LINE	333+65	333+90	RT	1.5'-4.0'	CUT	GBW	
WALL 12A	B-LINE	334+13	335+30	LT	1.1'-3.0'	FILL	SEW	
WALL 12B	B-LINE	340+62	341+16	LT	4.4'-4.9'	FILL	SEW	REST STOP
WALL 12C	B-LINE	340+62	340+62	LT	0.3'-4.9'	FILL	SEW	REST STOP, WALL LEG
WALL 12D	B-LINE	341+16	341+16	LT	0.6'-4.4'	FILL	SEW	REST STOP, WALL LEG
WALL 13	B-LINE	341+14	352+80	LT	0.6'-7.3'	FILL	SEW	
WALL 13A	B-LINE	351+36	352+01	RT	2.8'-4.0'	CUT	GBW	TEMPORARY SHORING
WALL 13B	B-LINE	348+38	348+58	RT	6.5'	CUT	GBW	STAIR #53, TEMPORARY SHORING
WALL 14	B-LINE	353+24	354+39	RT	6.0'-6.2'	CUT	GBW	TEMPORARY CUT SLOPE 0.7H:1V
WALL 14A	B-LINE	354+92	355+27	LT	0.5'-3.8'	FILL	SEW	DRIVEWAY #8, SEE DP7 FOR WALL ELEVATIONS
WALL 15	B-LINE	355+45	370+86	LT	0.9'-7.7'	FILL	SEW	
WALL 16A	C-LINE	371+71	375+00	LT	0.7'-4.0'	FILL	SEW	
WALL 16B	C-LINE	373+04	373+07	LT	0.5'-2.0'	CUT	SEW	SEE AL19 FOR WALL ELEVATIONS

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  
BL1521075P19T03WD-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

STRUCTURAL EARTH WALL  
SCHEDULE

SHEET NO.  
110 OF 190

WD3

CITY OF SAMMAMISH APPROVAL

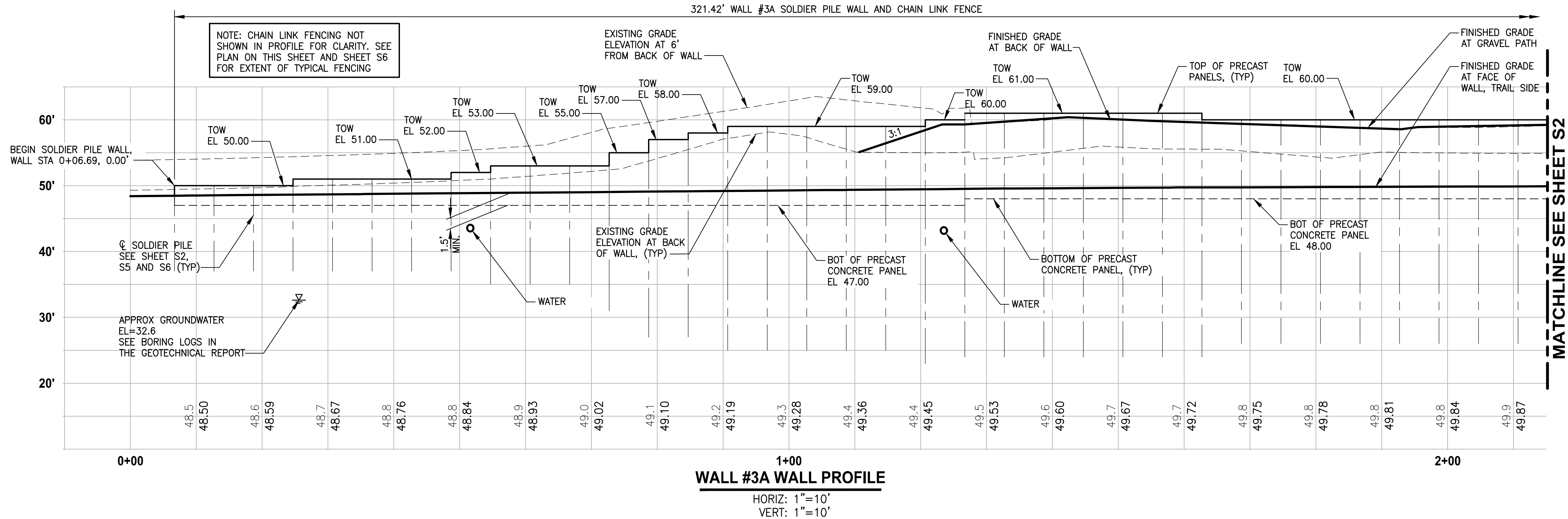
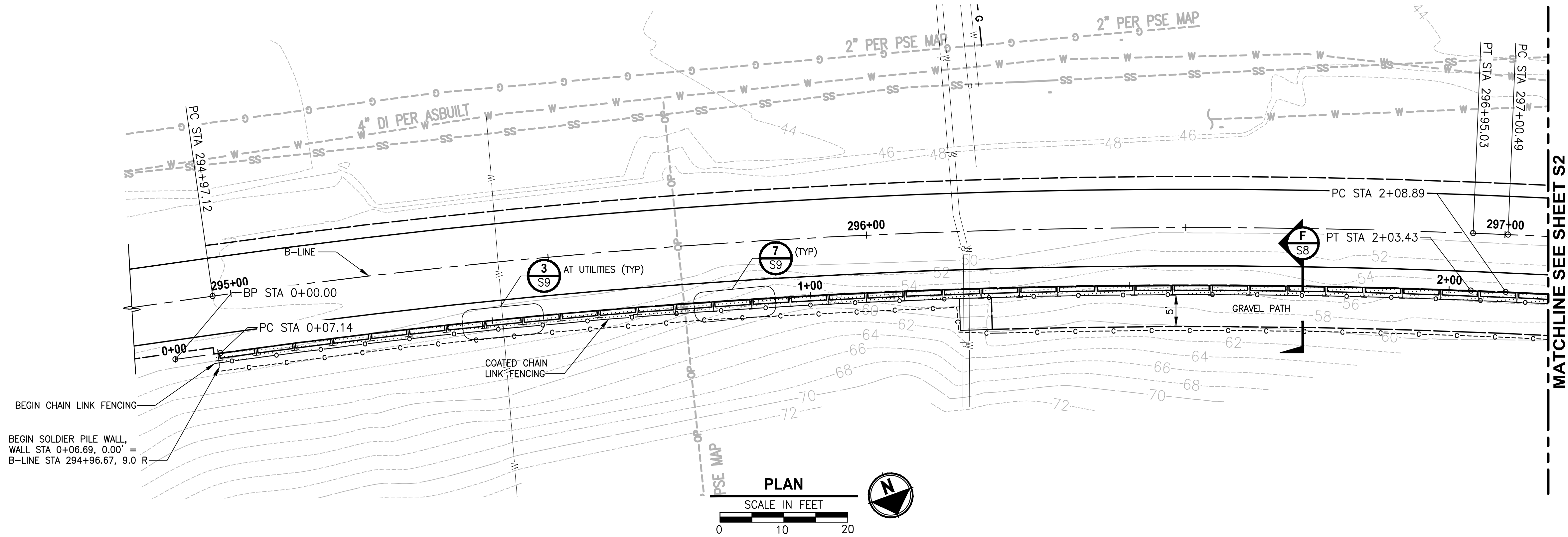
PLANNING DEPT. APPROVAL  
BY: ABaty  
DATE: 06/10/2021

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

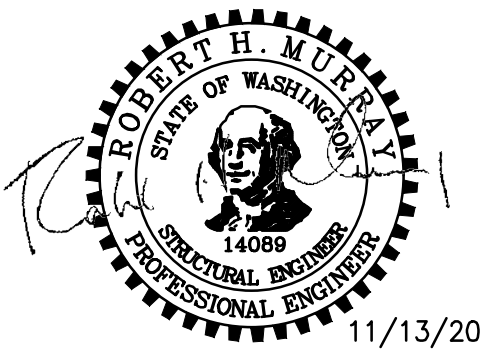
Community Development



PATH: U:\P50\Projects\Clients\1521-KingCo\554-1521-075-ELT\995\ca\ADD\Phase 1\9103\_Civil\DWG-Phase1\ PLOTTED BY: purgobut DATE: Friday, November 13, 2020 12:59:33 PM LAYOUT: S1



CONFORMED DRAWING



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

**WALL #3A SOLDIER PILE LAYOUT**

SHEET NO.  
111 OF 190

**S1**

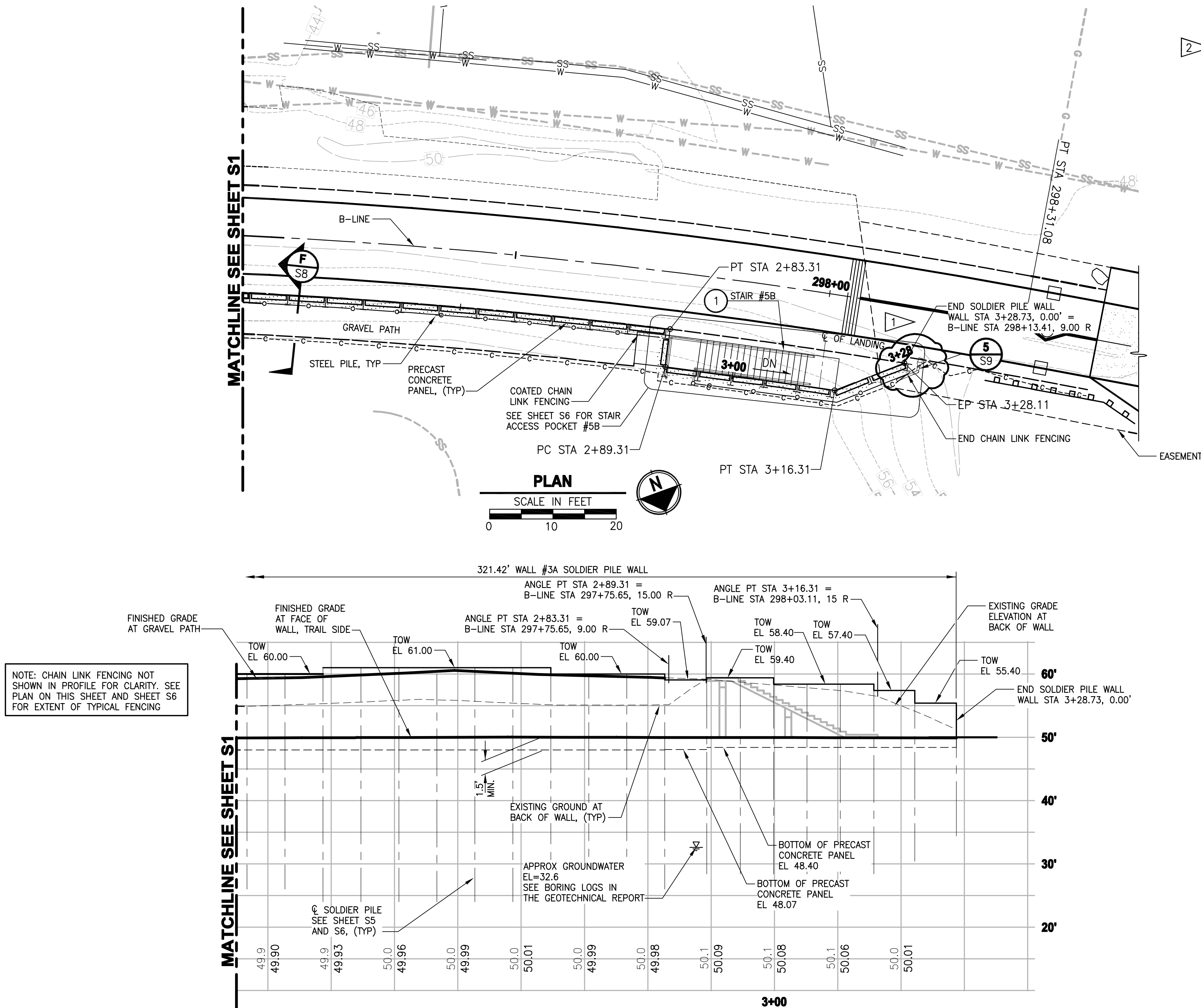
CITY OF SAMMAMISH APPROVAL	
PLANNING DEPT. APPROVAL BY: ABaty DATE: 06/10/2021	CITY OF SAMMAMISH PUBLIC WORKS DEVELOPMENT REVIEW These drawings have been reviewed for compliance with City of Sammamish Clearing and Grading and Stormwater requirements and also in accordance with the requirements as established 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



1) INSTALL STAIR, SEE S10 (TYP)

**PILE SCHEDULE:**

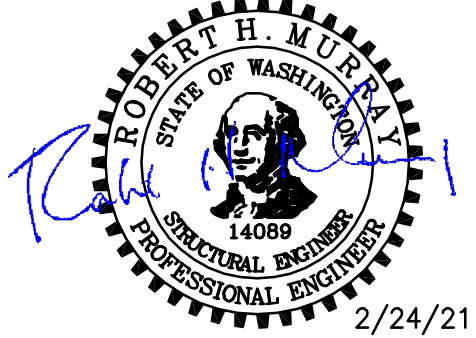
EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMAMISH SEGMENT B SOLDIER PILE LAYOUT WALL #3A								
STATION OFFSET B-LINE AT CL STEEL PILE	WALL STATION #3A AT CL STEEL PILE	TOP OF WALL ELEV	BOT OF WALL ELEV	PILE TIP ELEV	PILE LENGTH	PILE SECTION	WALL HEIGHT	PRECAST CONC LAGGING LENGTH
294+96.67, 9.00 R	0+06.69	50.00	47.00	37.00	13	HP 14x89	3.00	5'-9"
295+02.72, 9.00 R	0+12.69	50.00	47.00	37.00	13	HP 14x89	3.00	5'-9"
295+08.77, 9.00 R	0+18.69	50.00	47.00	37.00	13	HP 14x89	3.00	5'-9"
295+14.82, 9.00 R	0+24.69	51.00	47.00	37.00	14	HP 14x89	4.00	5'-9"
295+20.87, 9.00 R	0+30.69	51.00	47.00	37.00	14	HP 14x89	4.00	5'-9"
295+26.92, 9.00 R	0+36.69	51.00	47.00	37.00	14	HP 14x89	4.00	5'-9"
295+32.97, 9.00 R	0+42.69	51.00	47.00	37.00	14	HP 14x89	4.00	5'-9"
295+39.02, 9.00 R	0+48.69	52.00	47.00	37.00	15	HP 14x89	5.00	5'-9"
295+45.07, 9.00 R	0+54.69	53.00	47.00	35.00	18	HP 14x89	6.00	5'-9"
295+51.12, 9.00 R	0+60.69	53.00	47.00	35.00	18	HP 14x89	6.00	5'-9"
295+57.16, 9.00 R	0+66.69	53.00	47.00	35.00	18	HP 14x89	6.00	5'-9"
295+63.21, 9.00 R	0+72.69	55.00	47.00	31.00	24	HP 14x89	8.00	5'-9"
295+69.26, 9.00 R	0+78.69	57.00	47.00	27.00	30	HP 14x89	10.00	5'-9"
295+75.31, 9.00 R	0+84.69	58.00	47.00	27.00	31	W18x130	11.00	5'-9"
295+81.36, 9.00 R	0+90.69	59.00	47.00	25.00	34	W18x130	12.00	5'-9"
295+87.41, 9.00 R	0+96.69	59.00	47.00	25.00	34	W18x130	12.00	5'-9"
295+93.46, 9.00 R	1+02.69	59.00	47.00	25.00	34	W18x130	12.00	5'-9"
295+99.51, 9.00 R	1+08.69	59.00	47.00	25.00	34	W18x130	12.00	5'-9"
296+05.56, 9.00 R	1+14.69	59.00	47.00	25.00	34	W18x130	12.00	5'-9"
296+11.61, 9.00 R	1+20.69	60.00	47.00	23.00	37	W18x130	13.00	5'-9"
296+17.66, 9.00 R	1+26.69	61.00	48.00	24.00	37	W18x130	13.00	5'-9"
296+23.71, 9.00 R	1+32.69	61.00	48.00	24.00	37	W18x130	13.00	5'-9"
296+29.76, 9.00 R	1+38.69	61.00	48.00	24.00	37	W18x130	13.00	5'-9"
296+35.81, 9.00 R	1+44.69	61.00	48.00	24.00	37	W18x130	13.00	5'-9"
296+41.86, 9.00 R	1+50.69	61.00	48.00	24.00	37	W18x130	13.00	5'-9"
296+47.91, 9.00 R	1+56.69	61.00	48.00	24.00	37	W18x130	13.00	5'-9"
296+53.96, 9.00 R	1+62.69	61.00	48.00	24.00	37	W18x130	13.00	5'-9"
296+60.01, 9.00 R	1+68.69	60.00	48.00	26.00	34	W18x130	12.00	5'-9"
296+66.06, 9.00 R	1+74.69	60.00	48.00	26.00	34	W18x130	12.00	5'-9"
296+72.10, 9.00 R	1+80.69	60.00	48.00	26.00	34	W18x130	12.00	5'-9"
296+78.15, 9.00 R	1+86.69	60.00	48.00	26.00	34	W18x130	12.00	5'-9"
296+84.20, 9.00 R	1+92.69	60.00	48.00	26.00	34	W18x130	12.00	5'-9"
296+90.25, 9.00 R	1+98.69	60.00	48.00	26.00	34	W18x130	12.00	5'-9"
296+96.29, 9.00 R	2+04.69	60.00	48.00	26.00	34	W18x130	12.00	5'-9"
297+02.31, 9.00 R	2+10.69	60.00	48.00	26.00	34	W18x130	12.00	5'-9"
297+08.37, 9.00 R	2+16.69	60.00	48.00	26.00	34	W18x130	12.00	5'-9"
297+14.43, 9.00 R	2+22.69	60.00	48.00	26.00	34	W18x130	12.00	5'-9"
297+20.49, 9.00 R	2+28.69	61.00	48.00	24.00	37	W18x130	13.00	5'-9"
297+26.55, 9.00 R	2+34.69	61.00	48.00	24.00	37	W18x130	13.00	5'-9"
297+32.61, 9.00 R	2+40.69	61.00	48.00	24.00	37	W18x130	13.00	5'-9"
297+38.67, 9.00 R	2+46.69	61.00	48.00	24.00	37	W18x130	13.00	5'-9"
297+44.73, 9.00 R	2+52.69	61.00	48.00	24.00	37	W18x130	13.00	5'-9"
297+50.79, 9.00 R	2+58.69	61.00	48.00	24.00	37	W18x130	13.00	5'-9"
297+56.85, 9.00 R	2+64.69	61.00	48.00	24.00	37	W18x130	13.00	5'-9"
297+62.91, 9.00 R	2+70.69	60.00	48.00	26.00	34	W18x130	12.00	5'-9"
297+68.97, 9.00 R	2+76.69	60.00	48.00	26.00	34	W18x130	12.00	5'-9"
297+75.03, 9.00 R	2+82.69	60.00	48.00	26.00	34	W18x130	12.00	4'-0"
297+75.65, 15.00 R	2+89.31	59.40	48.40	28.40	31	W18x130	11.00	5'-0"
297+81.03, 15.00 R	2+94.60	59.40	48.40	28.40	31	W18x130	11.00	5'-0"
297+86.39, 15.00 R	2+99.87	59.40	48.40	28.40	31	W18x130	11.00	5'-0"
297+91.76, 15.00 R	3+05.14	58.40	48.40	28.40	30	HP 14x89	10.00	5'-0"
297+97.12, 15.00 R	3+10.42	58.40	48.40	28.40	30	HP 14x89	10.00	5'-0"
298+02.48, 15.00 R	3+15.69	58.40	48.40	28.40	30	HP 14x89	10.00	5'-9"
298+08.25, 12.02 R	3+22.18	57.40	48.40	30.40	27	HP 14x89	9.00	5'-9"
298+14.03, 9.00 R	3+28.73	55.40	48.40	34.40	21	HP 14x89	7.00	END



### WALL #3A WALL PROFILE

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

**CONFORMED DRAWING**



PROJECT NAME

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

SAMMAMISH, WA

## WALL #3A SOLDIER PILE WALL

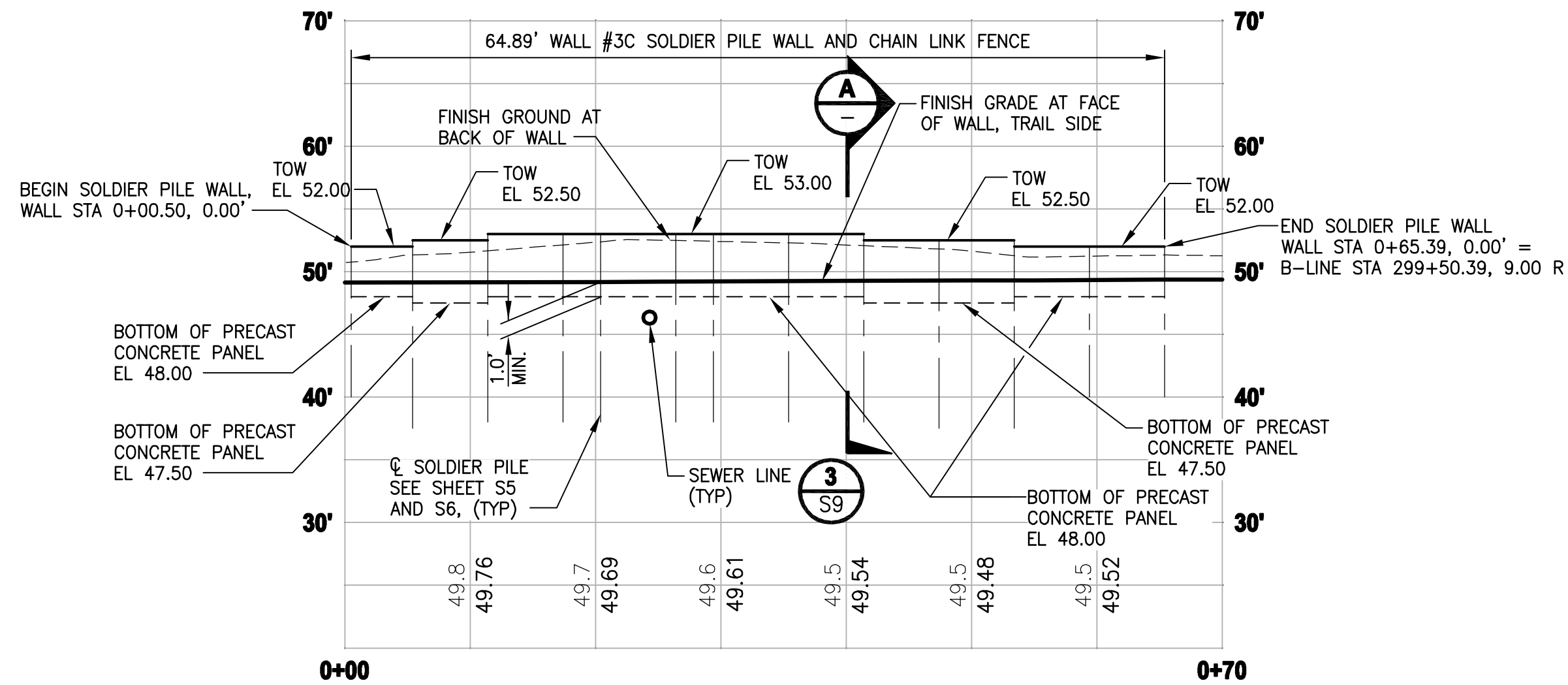
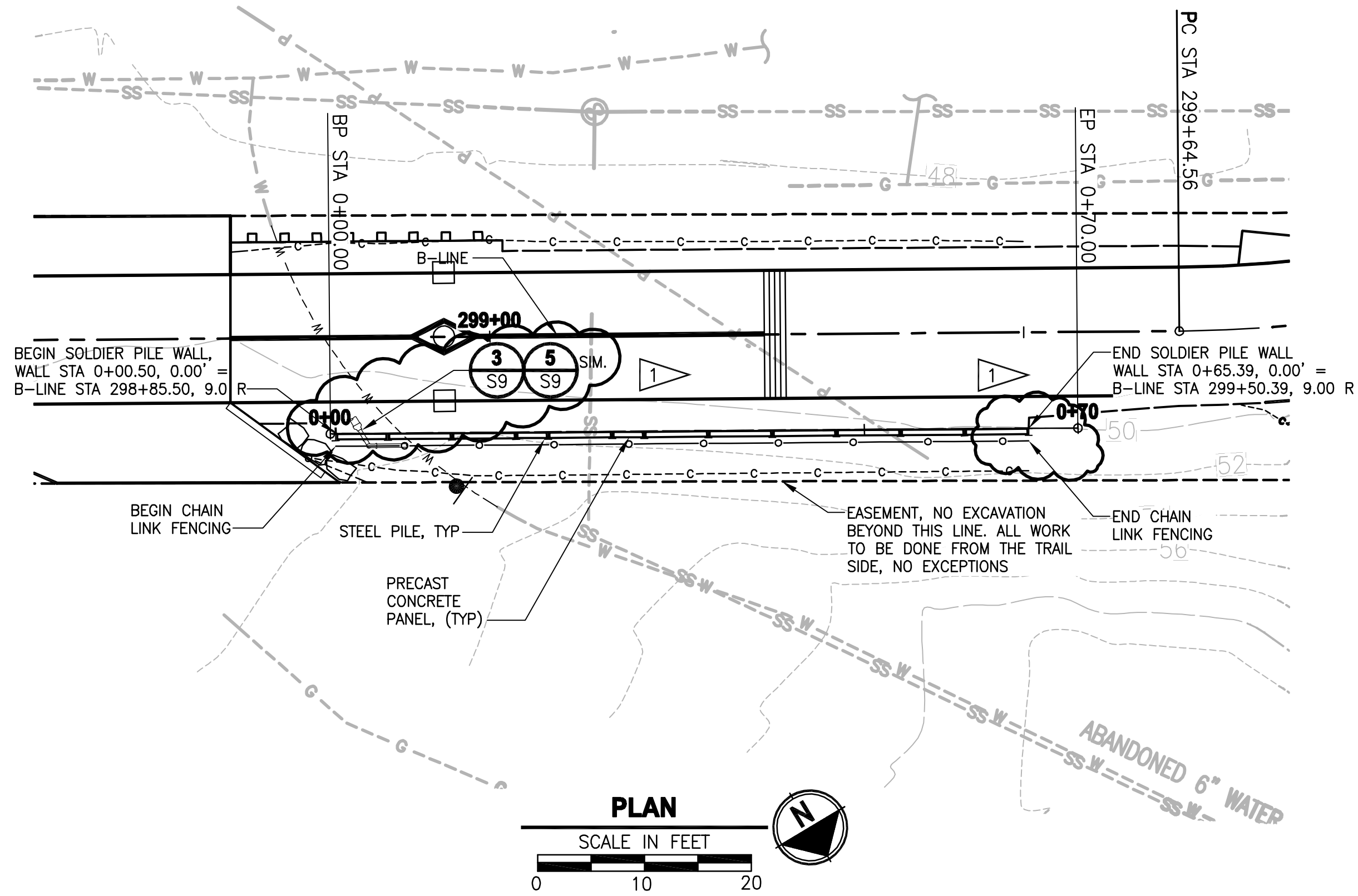
SHEET NO.  
112 OF 190

**S2**

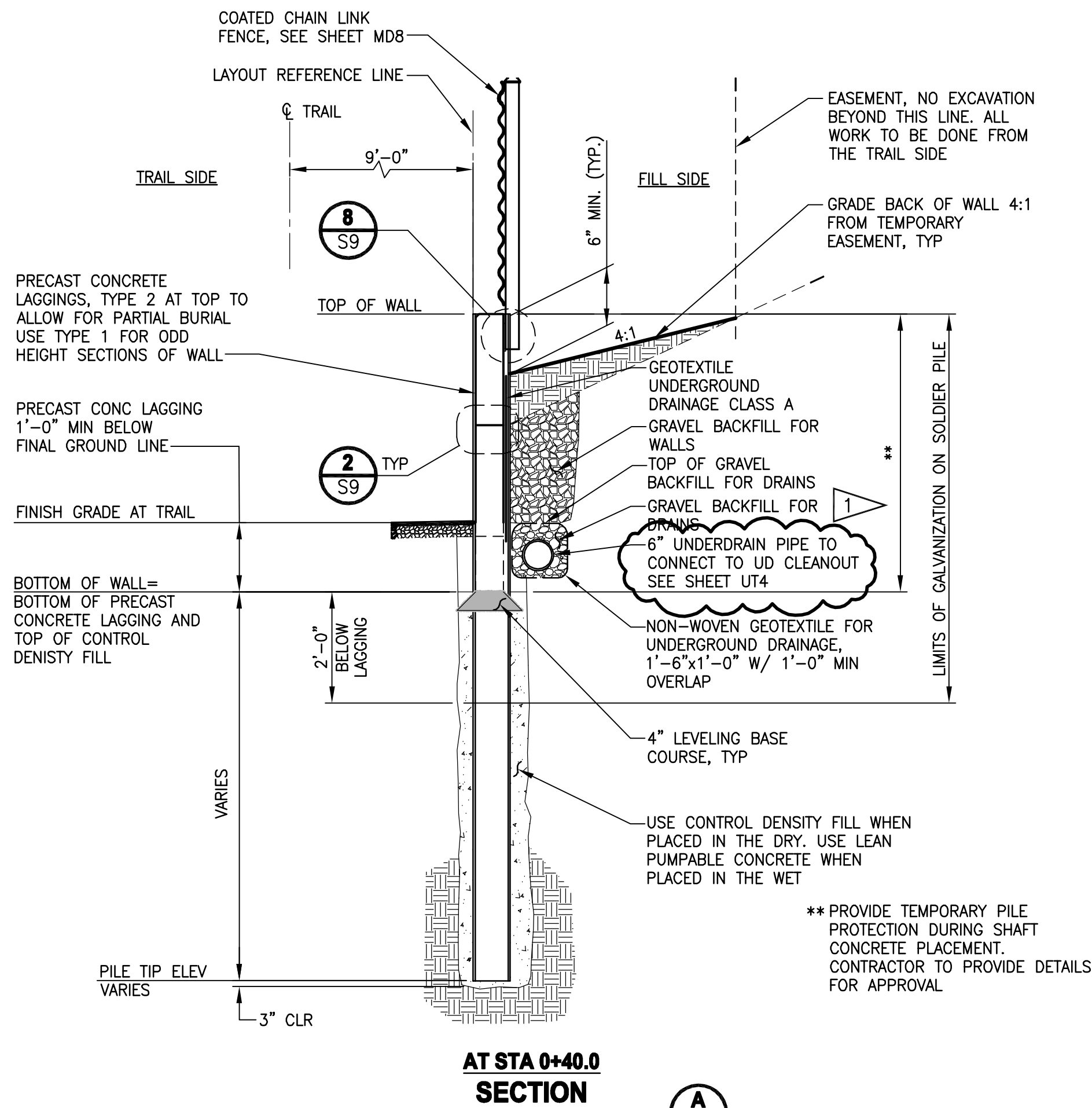
City of Sammamish Page 113 of 191



PLotted BY: Valerica, February 25, 2021 9:45:22 AM  
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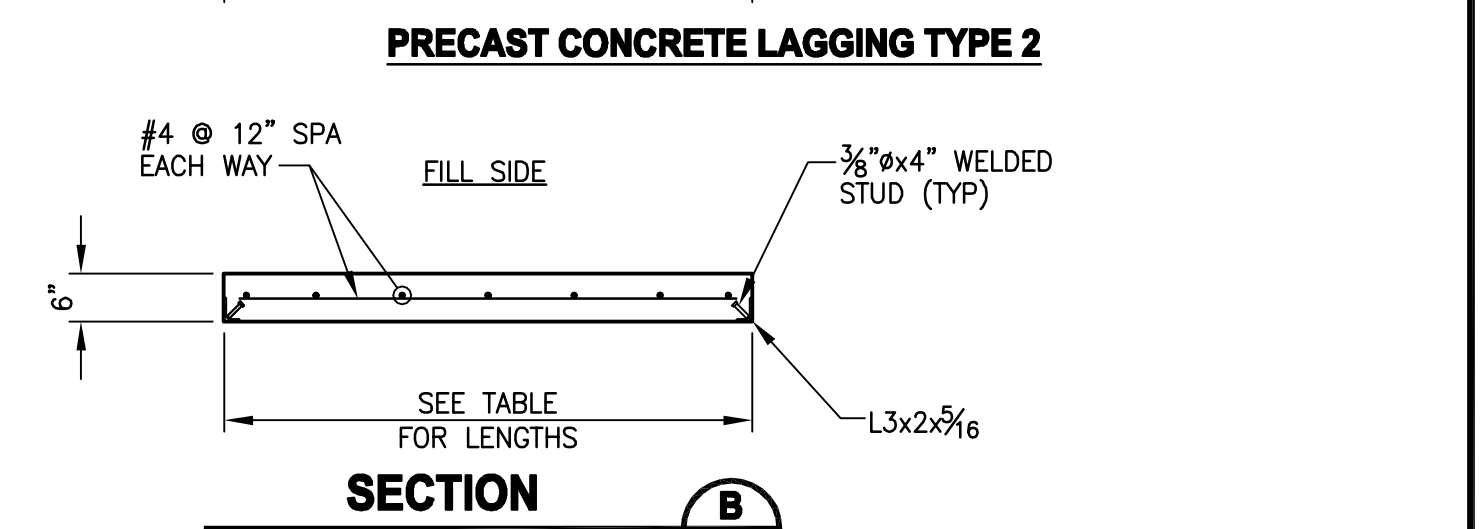
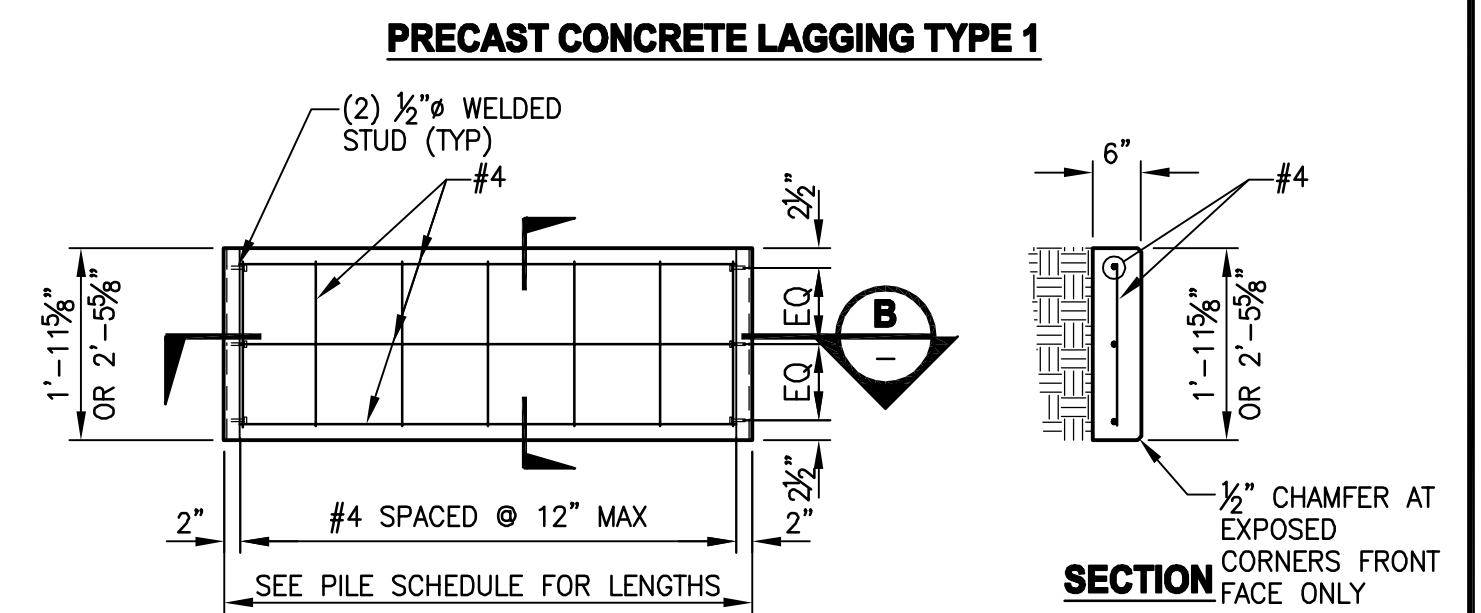
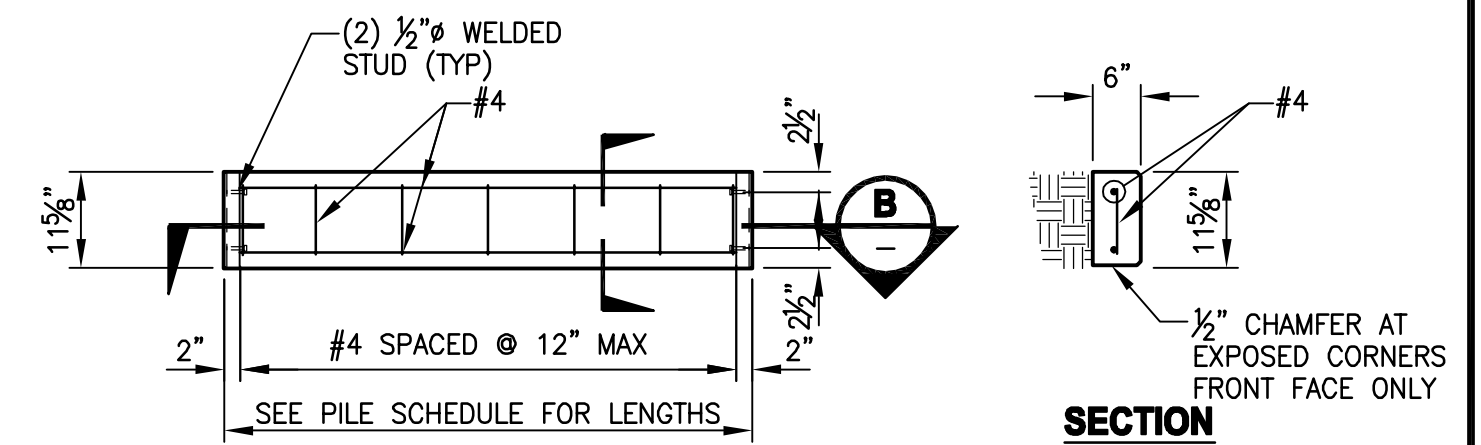
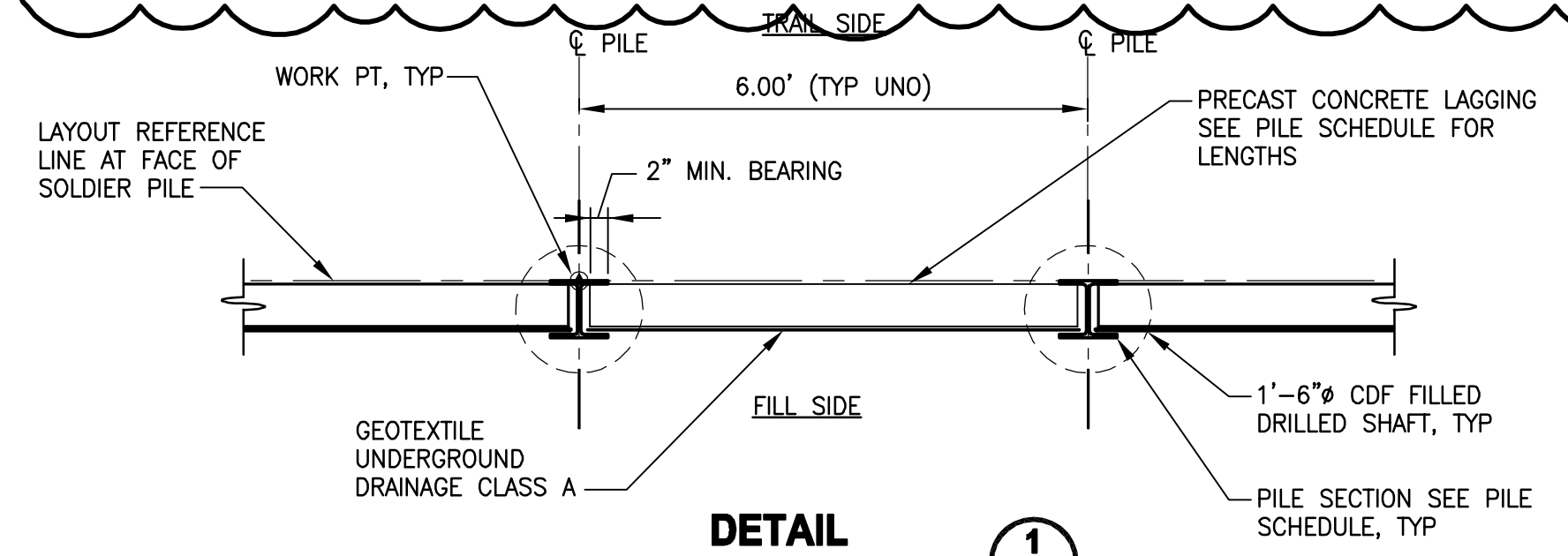


**WALL #3C WALL PROFILE**  
HORIZ: 1"=10'  
VERT: 1"=10'



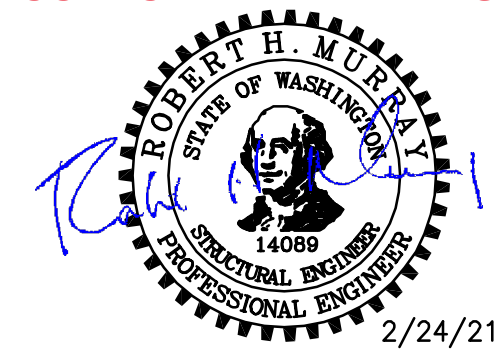
**PILE SCHEDULE:**

EAST LAKE SAMMAMISH MASTER PLAN TRAIL SOUTH SAMAMISH SEGMENT B SOLDIER PILE LAYOUT WALL #3C								
STATION OFFSET B-LINE AT CL STEEL PILE	WALL STATION #3C AT CL STEEL PILE	TOP OF WALL ELEV	BOT OF WALL ELEV	PILE TIP ELEV	PILE LENGTH	PILE SECTION	WALL HEIGHT	PRECAST CONC LAGGING LENGTH
298+85.50, 9.00 R	0+0.50	52.00	48.00	40.00	12	HP 8x36	4.00	4'-7"
298+90.39, 9.00 R	0+05.39	52.50	47.50	37.50	15	HP 8x36	5.00	5'-9"
298+96.39, 9.00 R	0+11.39	53.00	48.00	38.00	15	HP 8x36	5.00	5'-9"
299+02.39, 9.00 R	0+17.39	53.00	48.00	38.00	15	HP 8x36	5.00	2'-9"
299+05.39, 9.00 R	0+20.39	53.00	48.00	38.00	15	HP 8x36	5.00	5'-9"
299+11.39, 9.00 R	0+26.39	53.00	48.00	38.00	15	HP 8x36	5.00	2'-9"
299+14.39, 9.00 R	0+29.39	53.00	48.00	38.00	15	HP 8x36	5.00	5'-9"
299+20.39, 9.00 R	0+35.39	53.00	48.00	38.00	15	HP 8x36	5.00	5'-9"
299+26.39, 9.00 R	0+41.39	53.00	48.00	38.00	15	HP 8x36	5.00	5'-9"
299+32.39, 9.00 R	0+47.39	52.50	47.50	37.50	15	HP 8x36	5.00	5'-9"
299+38.39, 9.00 R	0+53.39	52.50	47.50	37.50	15	HP 8x36	5.00	5'-9"
299+44.39, 9.00 R	0+59.39	52.00	48.00	40.00	12	HP 8x36	4.00	5'-9"
299+50.39, 9.00 R	0+65.39	52.00	48.00	40.00	12	HP 8x36	4.00	END



CITY OF SAMMAMISH APPROVAL	
PLANNING DEPT. APPROVAL BY: A. Bate 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

CONFORMED DRAWING



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

**WALL #3C SOLDIER PILE WALL**

SHEET NO.  
113 OF 190

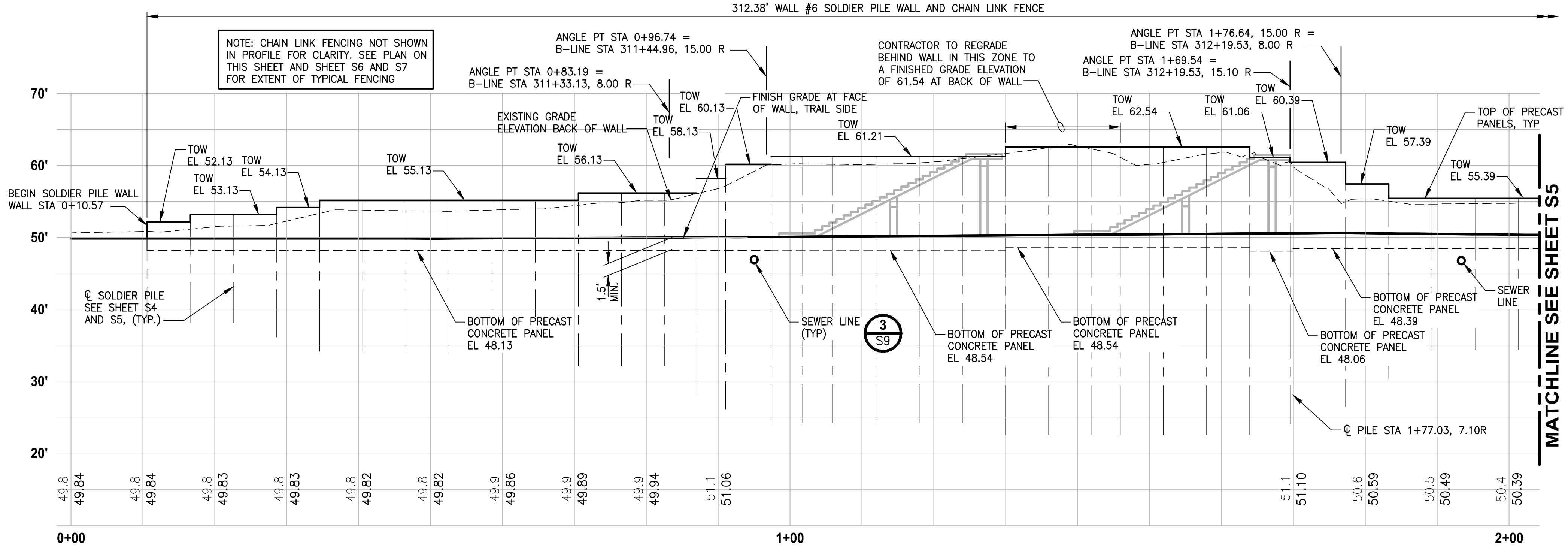
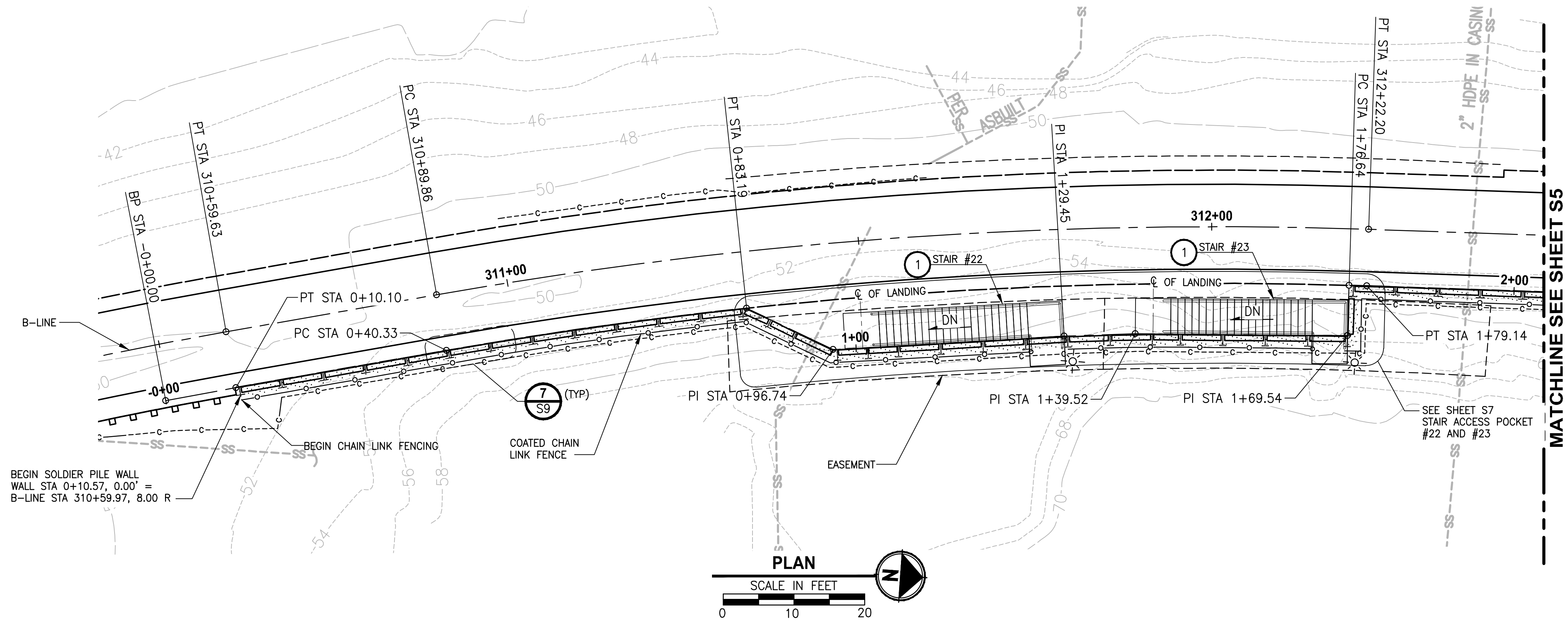
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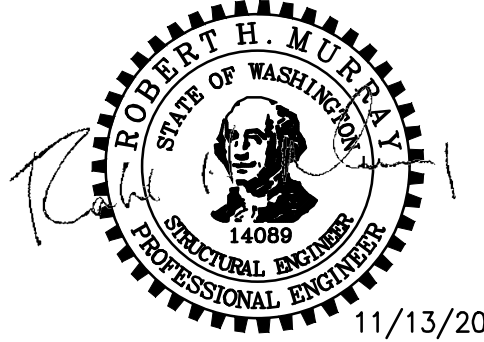
1 INSTALL STAIR, (TYP) SEE S10



WALL #6 WALL PROFILE

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

CONFORMED DRAWING



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PROJECT NAME

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

**WALL #6 SOLDIER PILE WALL**

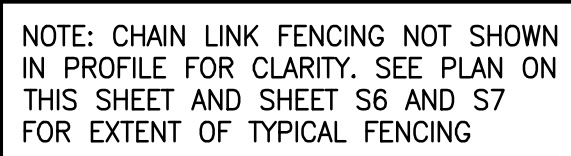
SHEET NO.  
114 OF 190

**S4**

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



1 INSTALL STAIR, SEE S10 (TYP)



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

11/13/20

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Sammamish, WA

**S5**

Community Dev

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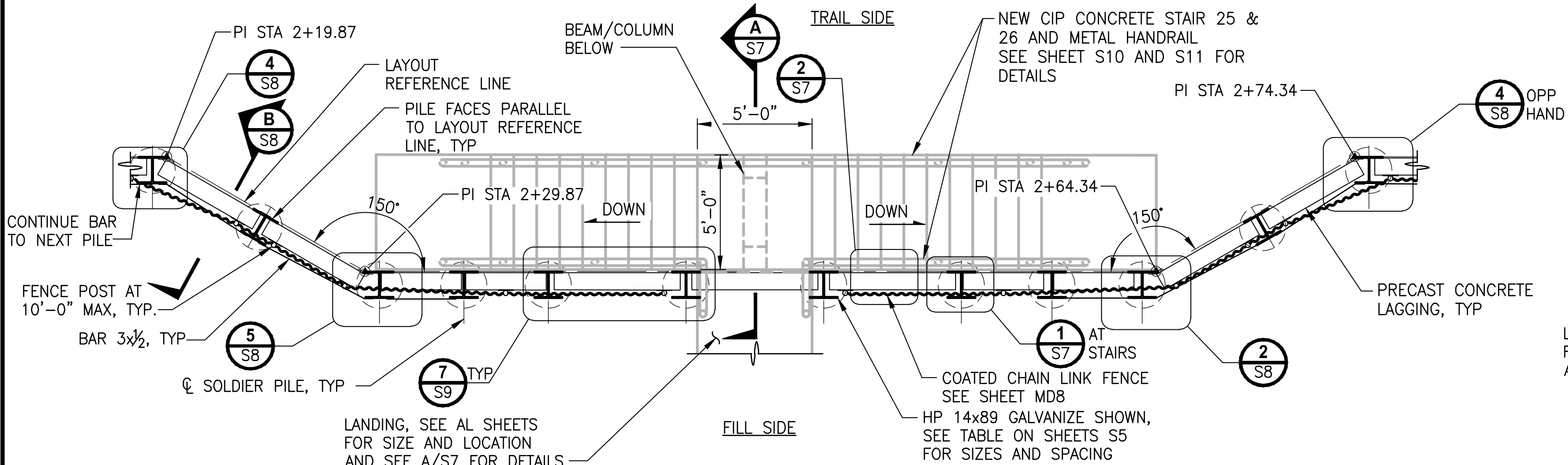
**10 June 2021**

	
<b>ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY</b>	
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JOB No.	554-1521-075 P19 T03
DATE	NOVEMBER 2020

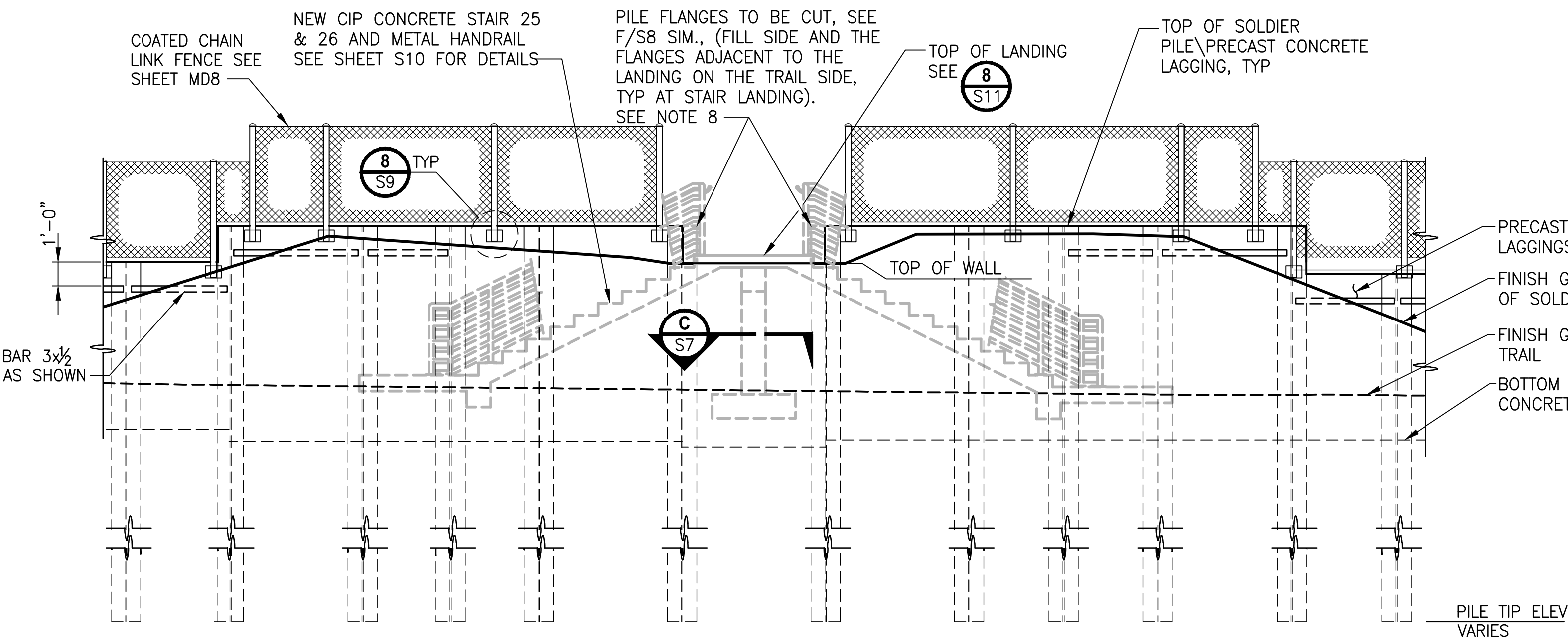


STRUCTURAL NOTES:

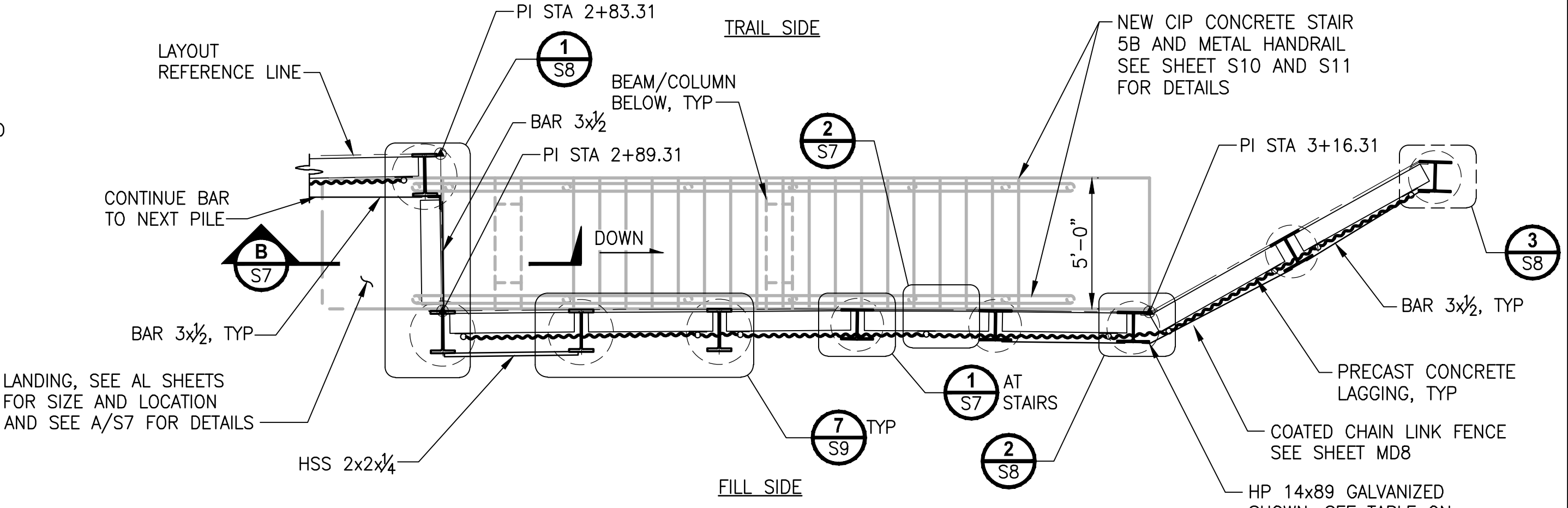
1. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION. NOTIFY THE ENGINEER OF ANY DISCREPANCY.
2. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD AND SPECIFICATION FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, DATED 2020, AND AMENDMENTS. THE SOLDIER PILE WALLS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RETAINING WALL PROVISIONS OF THE 8TH EDITION OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.
3. ALL HP 8x36, HP 14x89 AND W18x130 STEEL PILES 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 123. ALL STEEL PILES SHALL BE GALVANIZED TO THE LIMITS SHOWN ON THE PLANS.
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 PATTERNED FACE LAGGINGS SHALL BE CLASS 4000 PSI CONCRETE. SEE SPECIFICATIONS FOR THE FORM LINER PATTERN.
6. CONTRACTOR SHALL SECURE UPPER COURSES OF LAGGING IN PLACE WHERE LAGGING EXTENDS ABOVE THE GROUND LINE BEHIND THE WALL BY MORE THAN 1'-0". IF REQUIRED, THE CONTRACTOR SHALL SUBMIT PROPOSED DETAILS TO THE ENGINEER FOR APPROVAL.
7. THE LIFTING ANCHORS SHALL BE DESIGNED BY THE FABRICATOR / CONTRACTOR AND BE APPROVED BY THE ENGINEER.
8. FLANGES OF PILES IDENTIFIED TO BE CUT SHALL BE GROUNDED SMOOTH TO BARE METAL AND COLD GALVANIZED.
9. CONTRACTOR TO SUBMIT TEMPORARY SHORING CALCULATIONS AND DETAILS FOR APPROVAL. NO EXCAVATION IS TO EXTEND BEYOND THE LIMITS OF THE EASEMENT LINE AS SHOWN IN THE PLANS, SEE AL SHEETS.



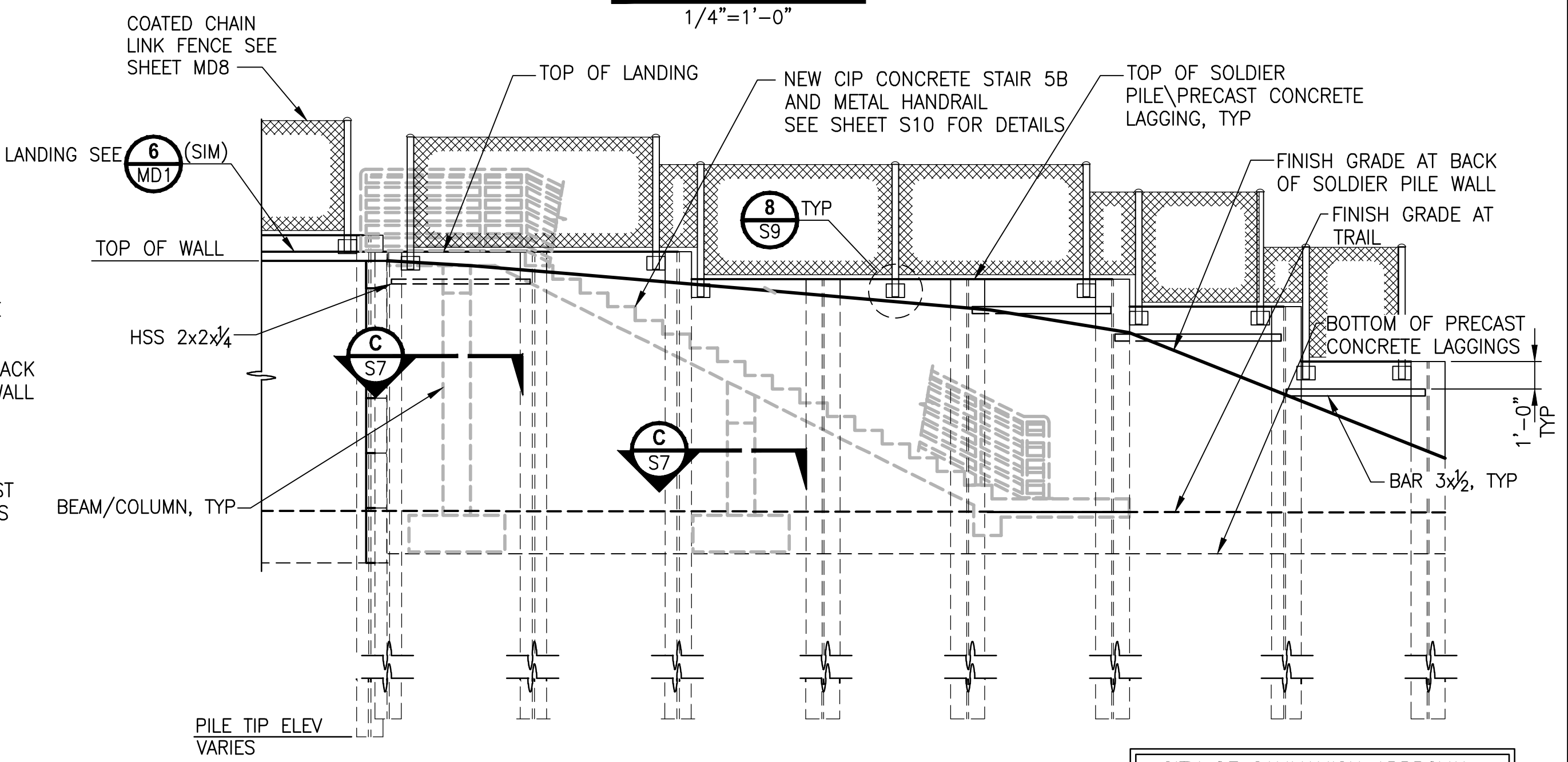
STAIR ACCESS POCKET (STAIRS #25 & #26)  
PLAN  
1/4"=1'-0"



STAIR ACCESS POCKET (STAIRS #25 & #26)  
ELEVATION  
1/4"=1'-0"

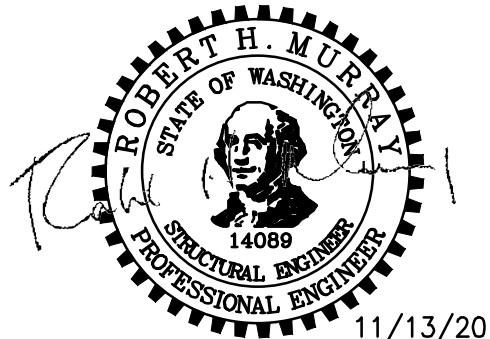


STAIR ACCESS POCKET (STAIR #5B)  
PLAN  
1/4"=1'-0"



STAIR ACCESS POCKET (STAIR #5B)  
ELEVATION  
1/4"=1'-0"

CONFORMED DRAWING



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

**SOLDIER PILE WALL DETAILS**

SHEET NO.  
116 OF 190  
**S6**

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

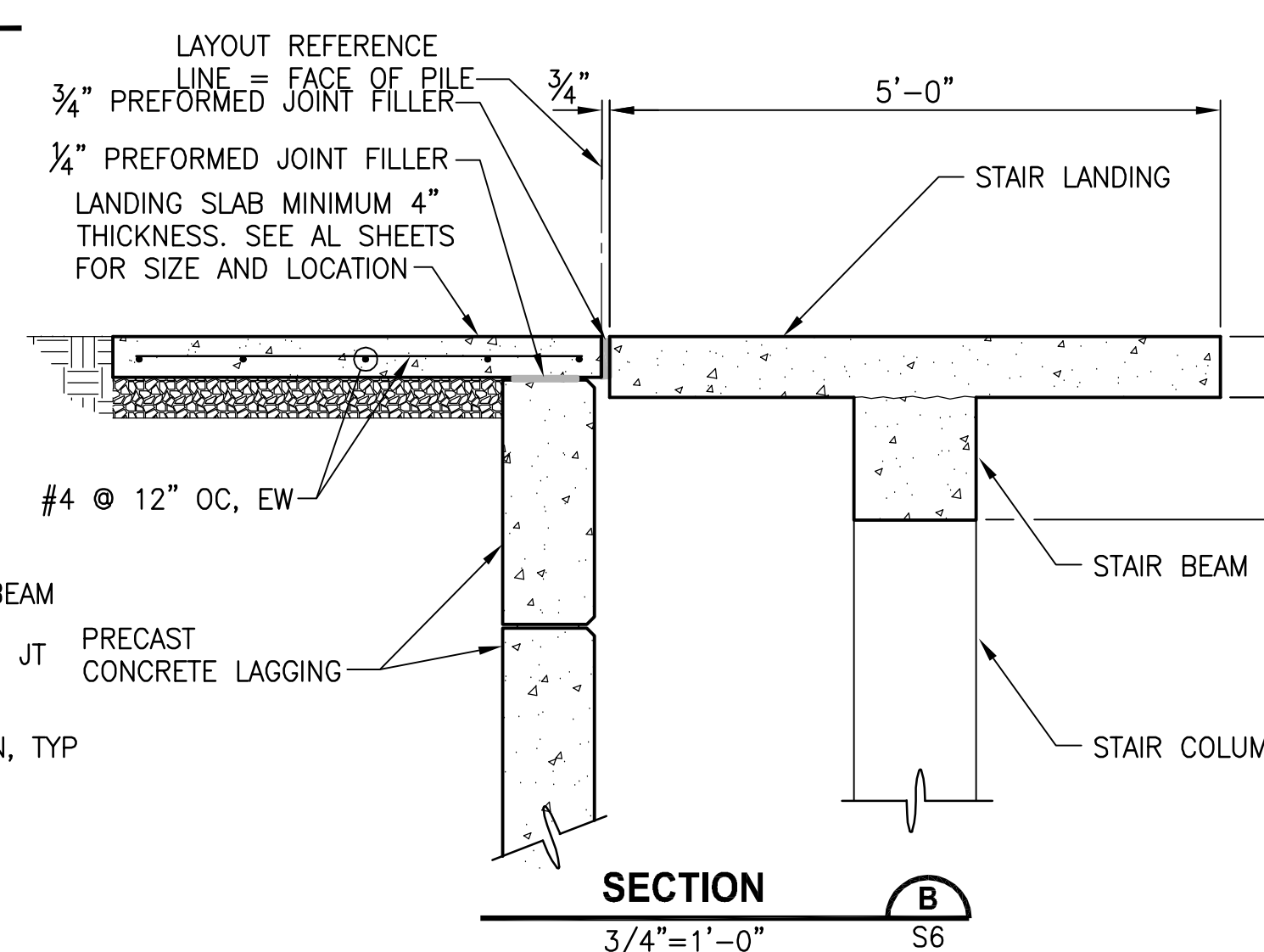
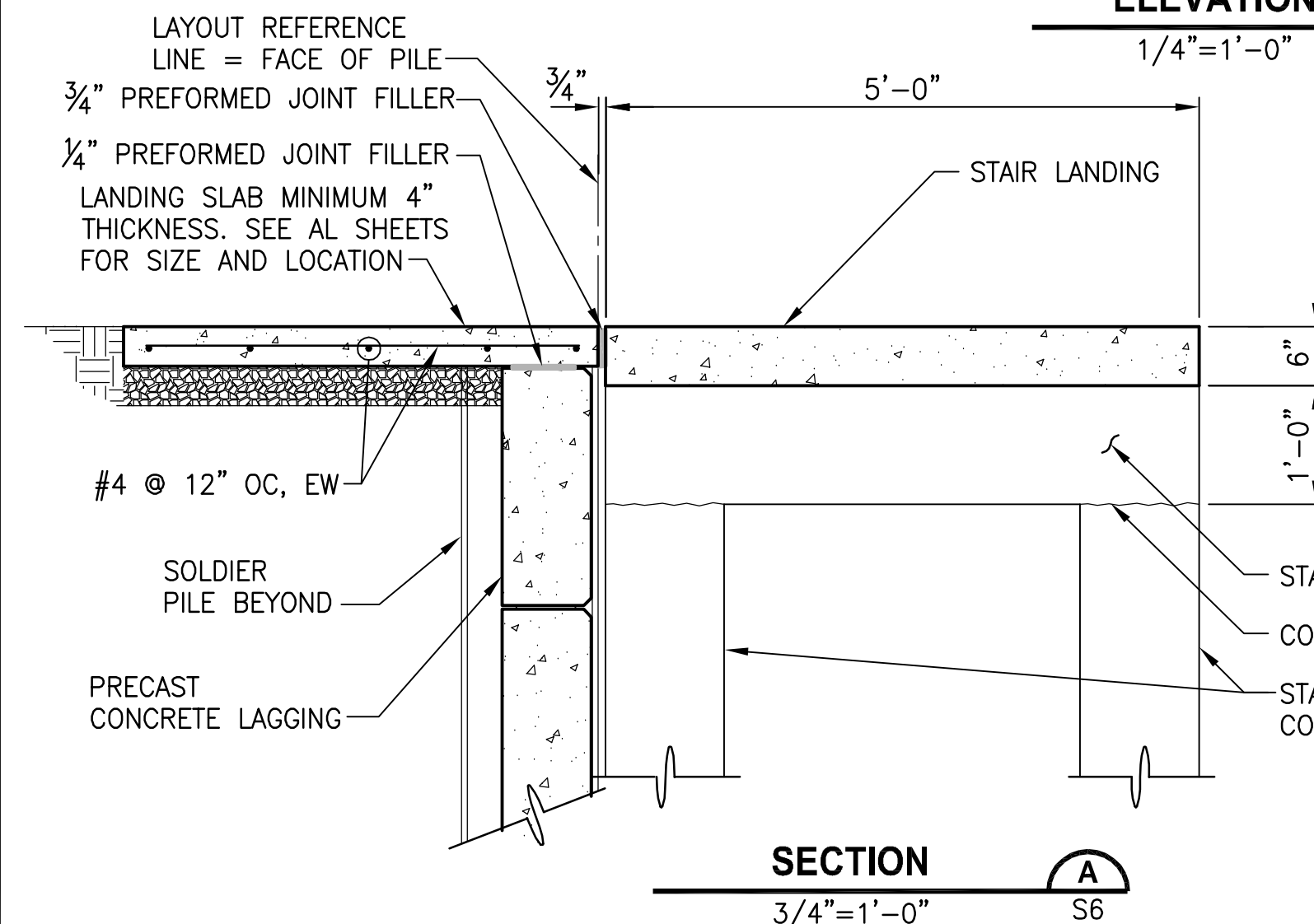
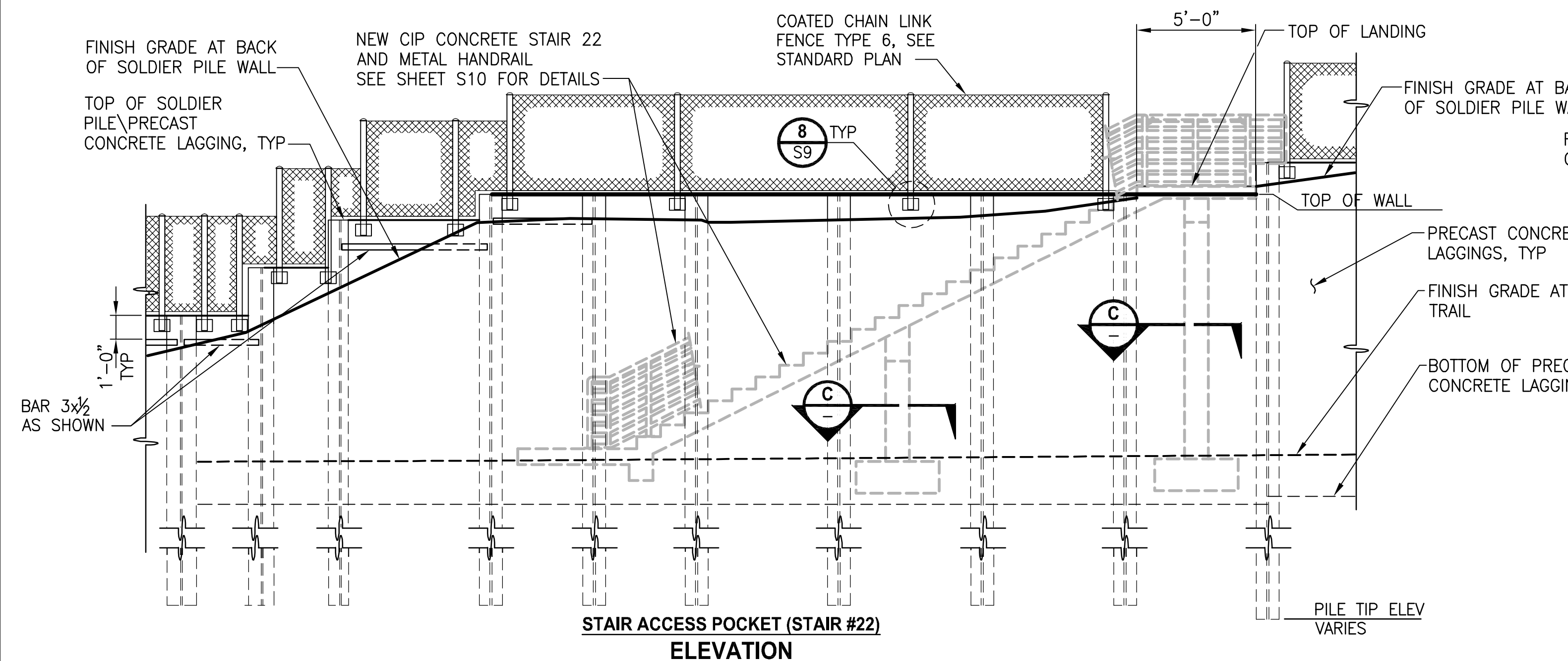
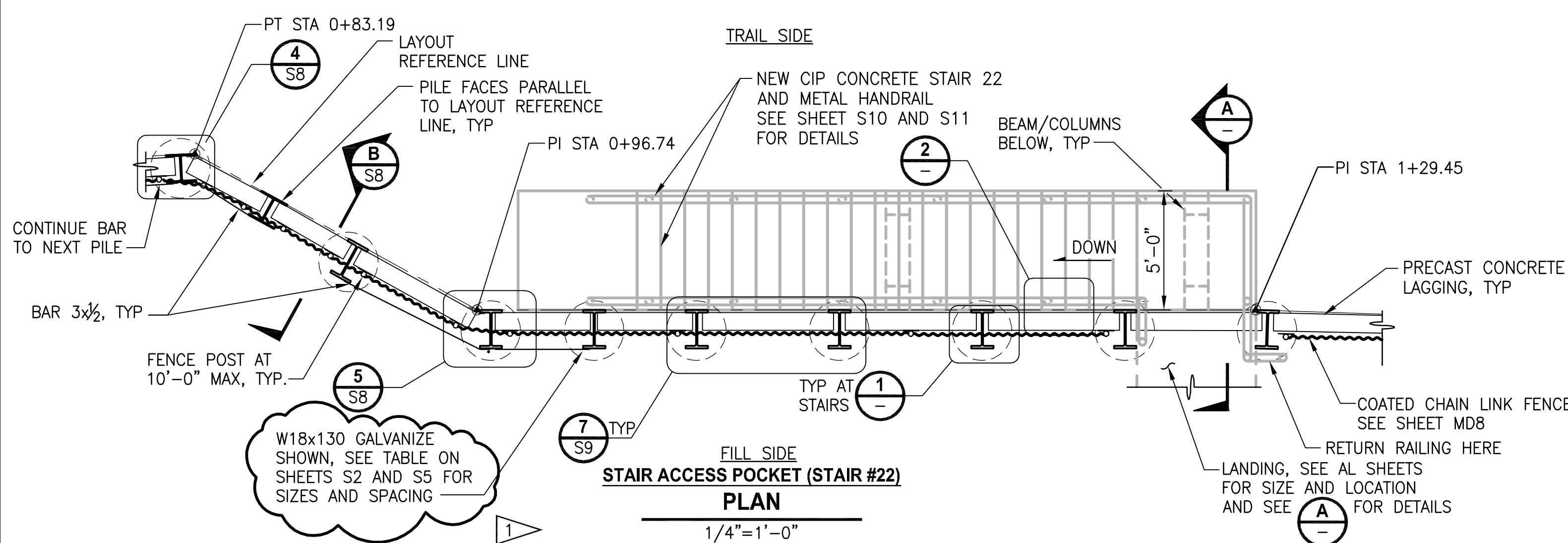
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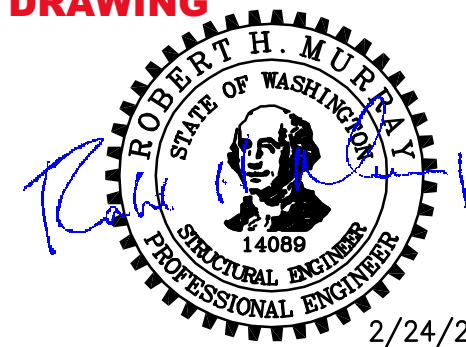
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LAYOUT: S7

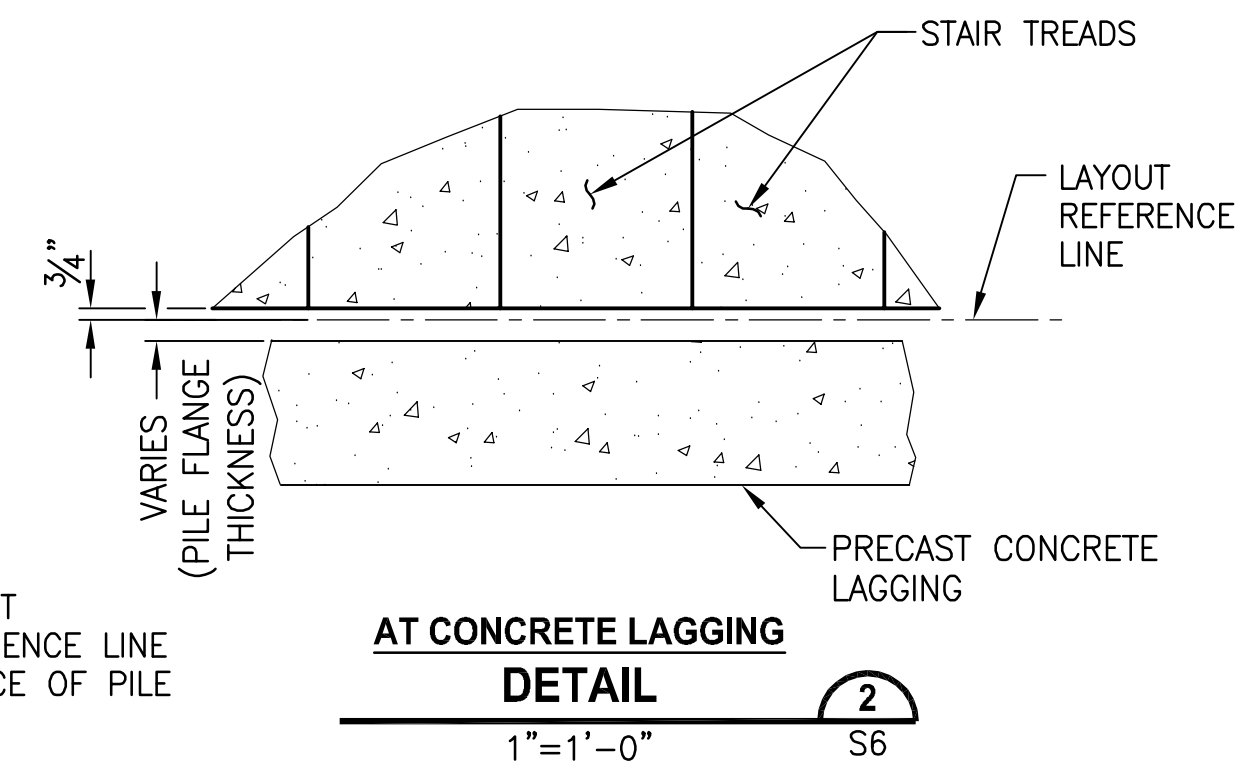
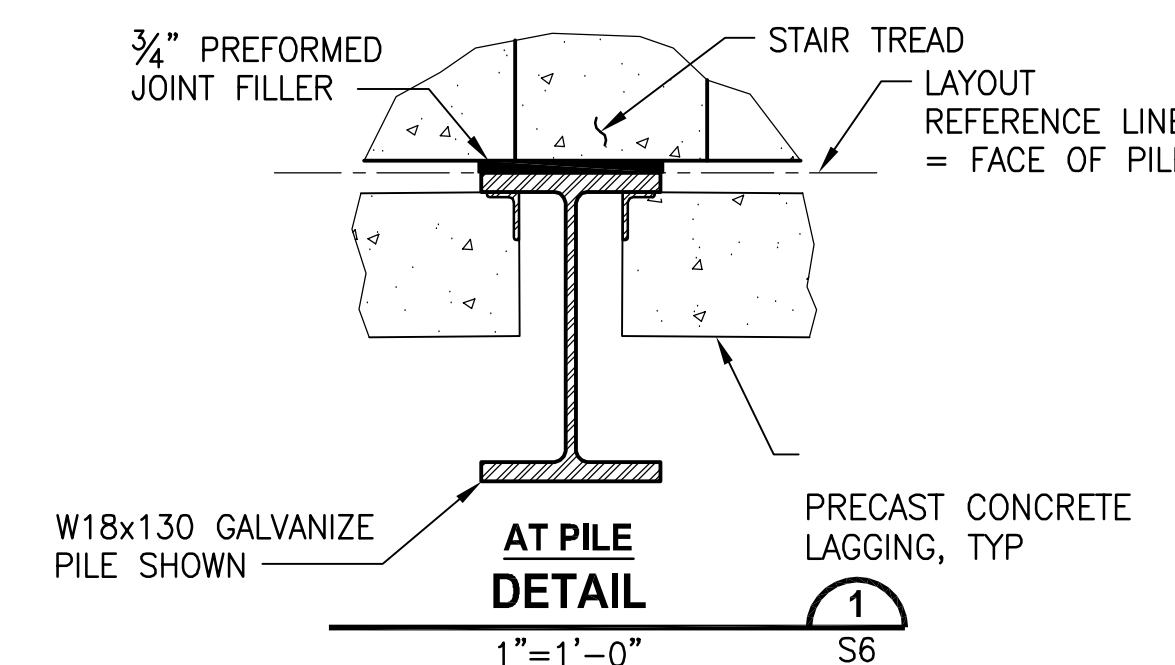
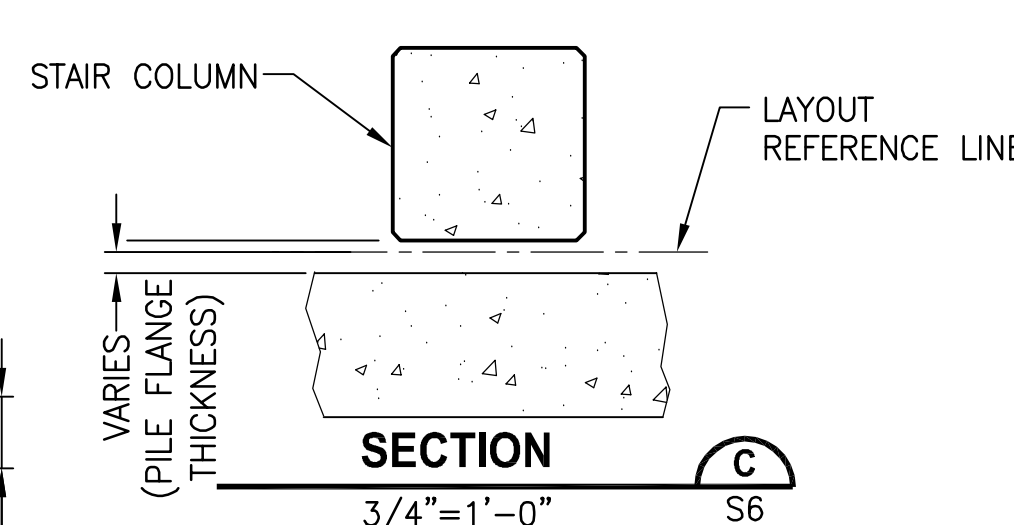
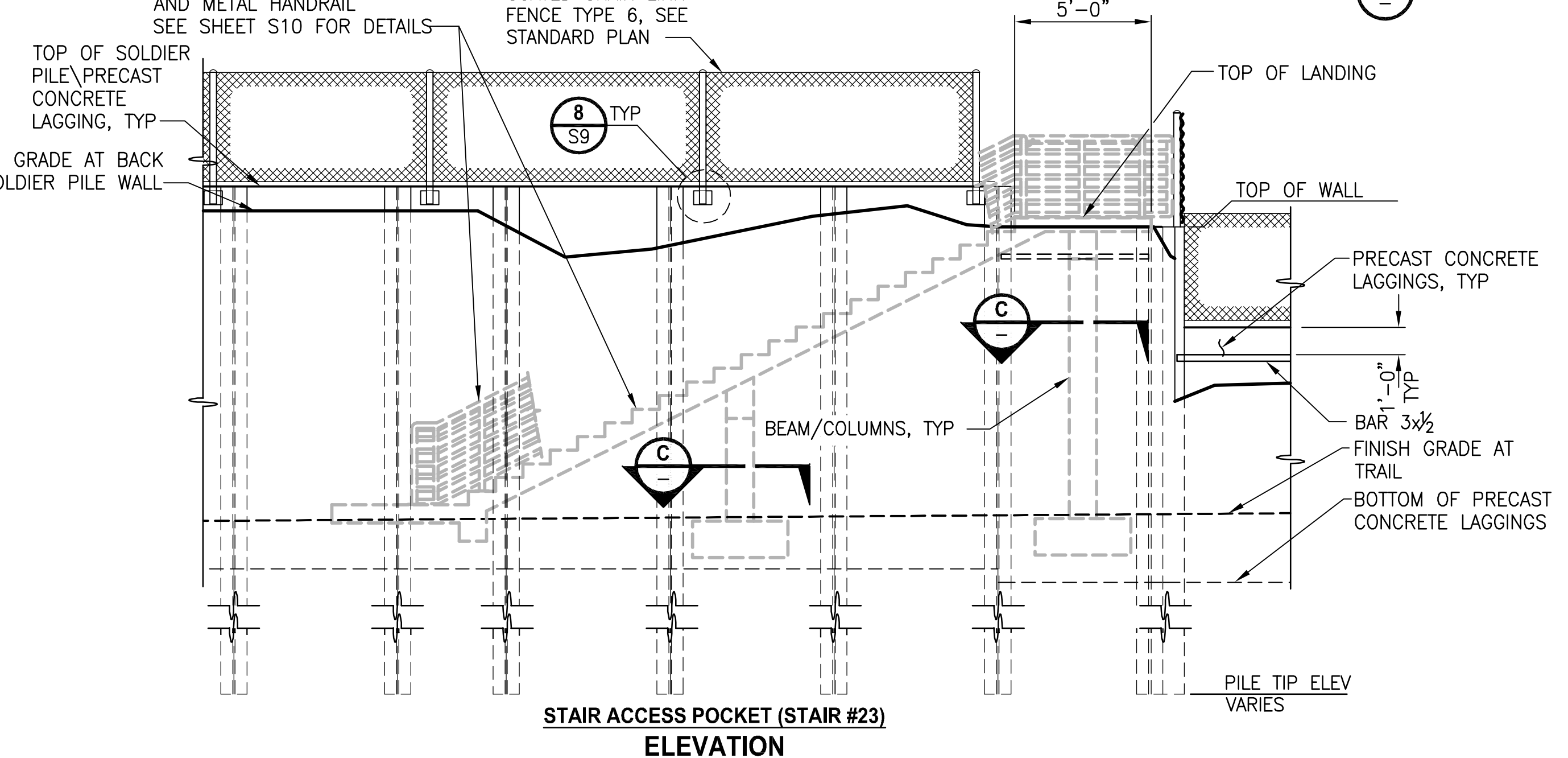
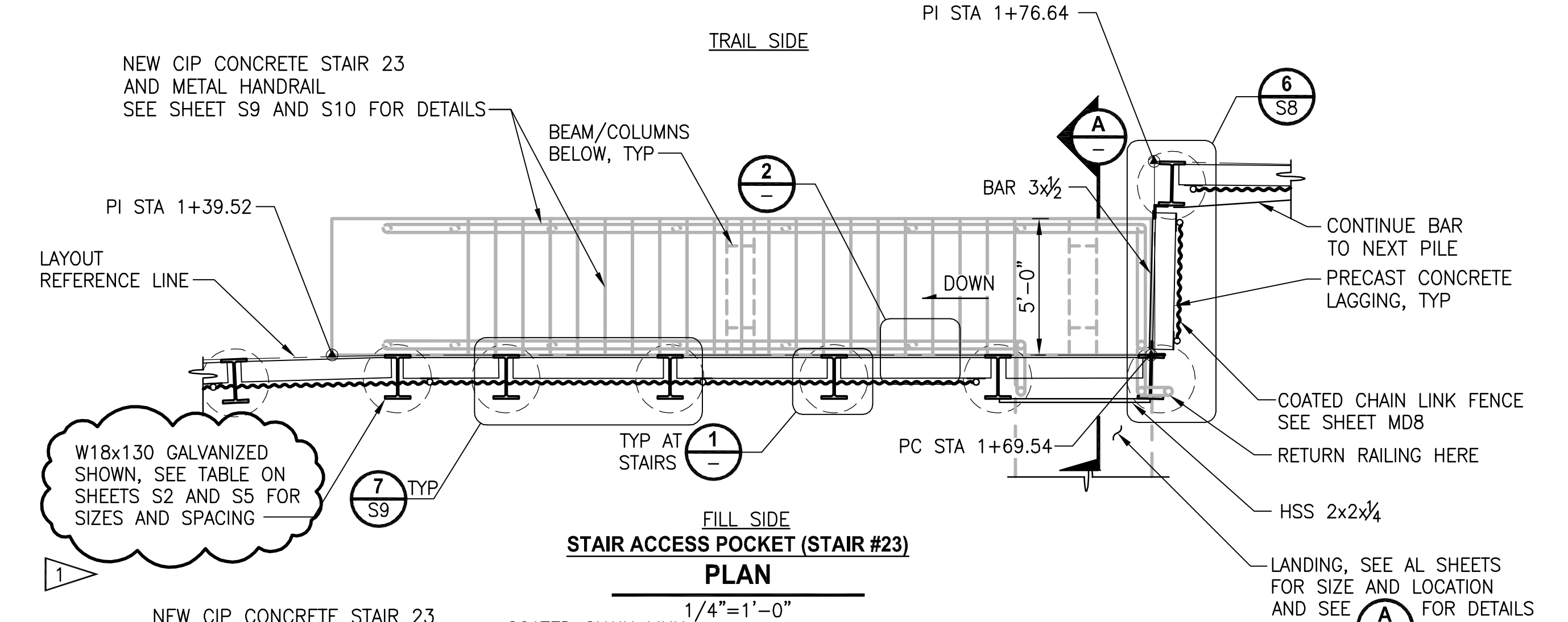


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FILE NAME: BL1521075P19T03S-02  
JOB NO: 554-1521-075 P19 T03  
DATE: NOVEMBER 2020

REVISIONS	DATE	BY	DESIGNED
1	ADDENDUM #4	2/24/21	RM
			A. MENDOZA
			DRAWN A. VALENCIA
			CHECKED R. MURRAY
			APPROVED J. BAILEY



CITY OF SAMMAMISH APPROVAL  
PLANNING DEPT. APPROVAL  
BY: ABaty  
DATE: 06/10/2021  
CITY OF SAMMAMISH PUBLIC WORKS DEVELOPMENT REVIEW  
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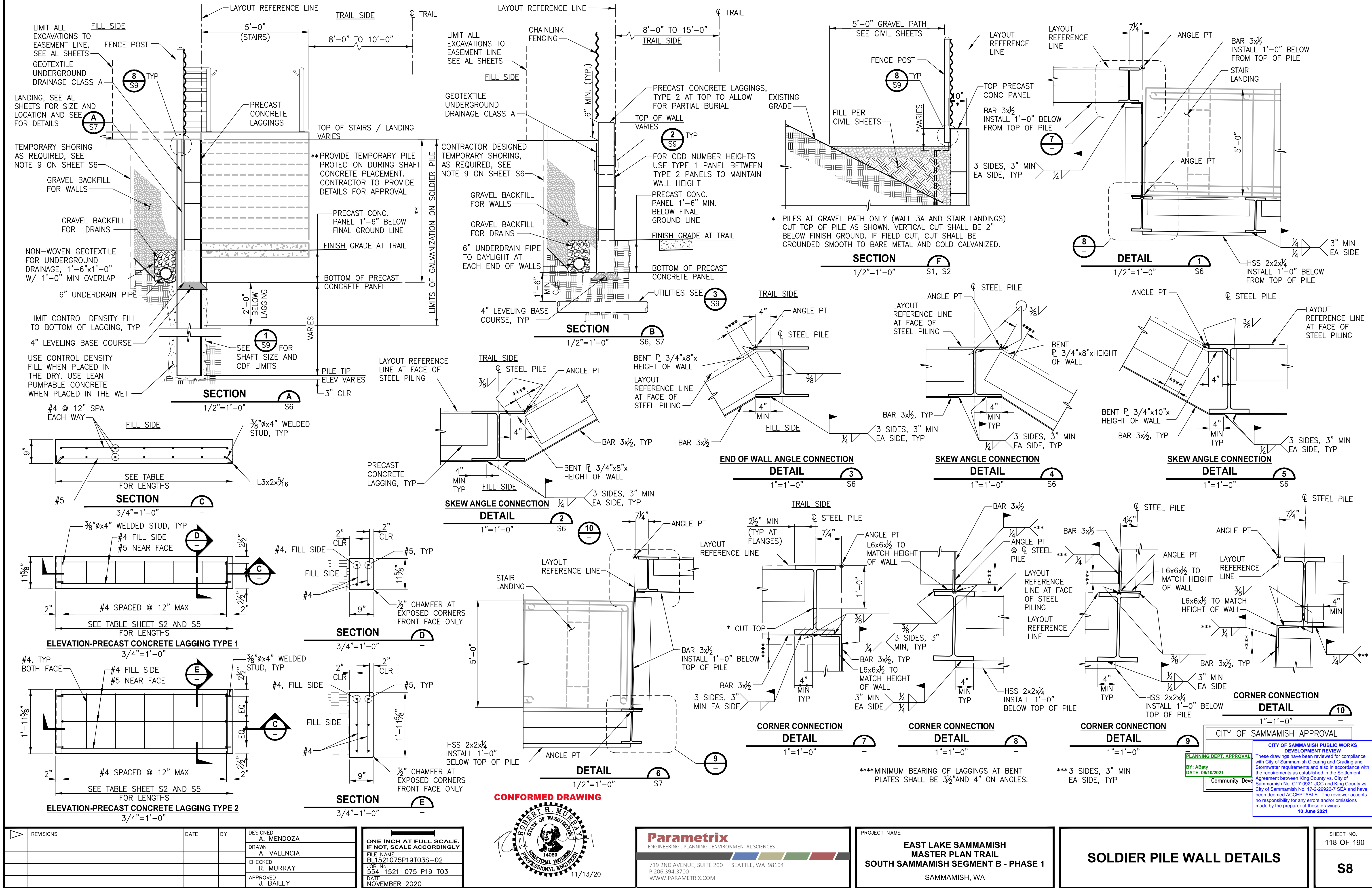
PROJECT NAME  
EAST LAKE SAMMAMISH  
MASTER PLAN TRAIL  
SOUTH SAMMAMISH SEGMENT B - PHASE 1  
SAMMAMISH, WA

SOLDIER PILE WALL DETAILS

SHEET NO.  
117 OF 190  
S7



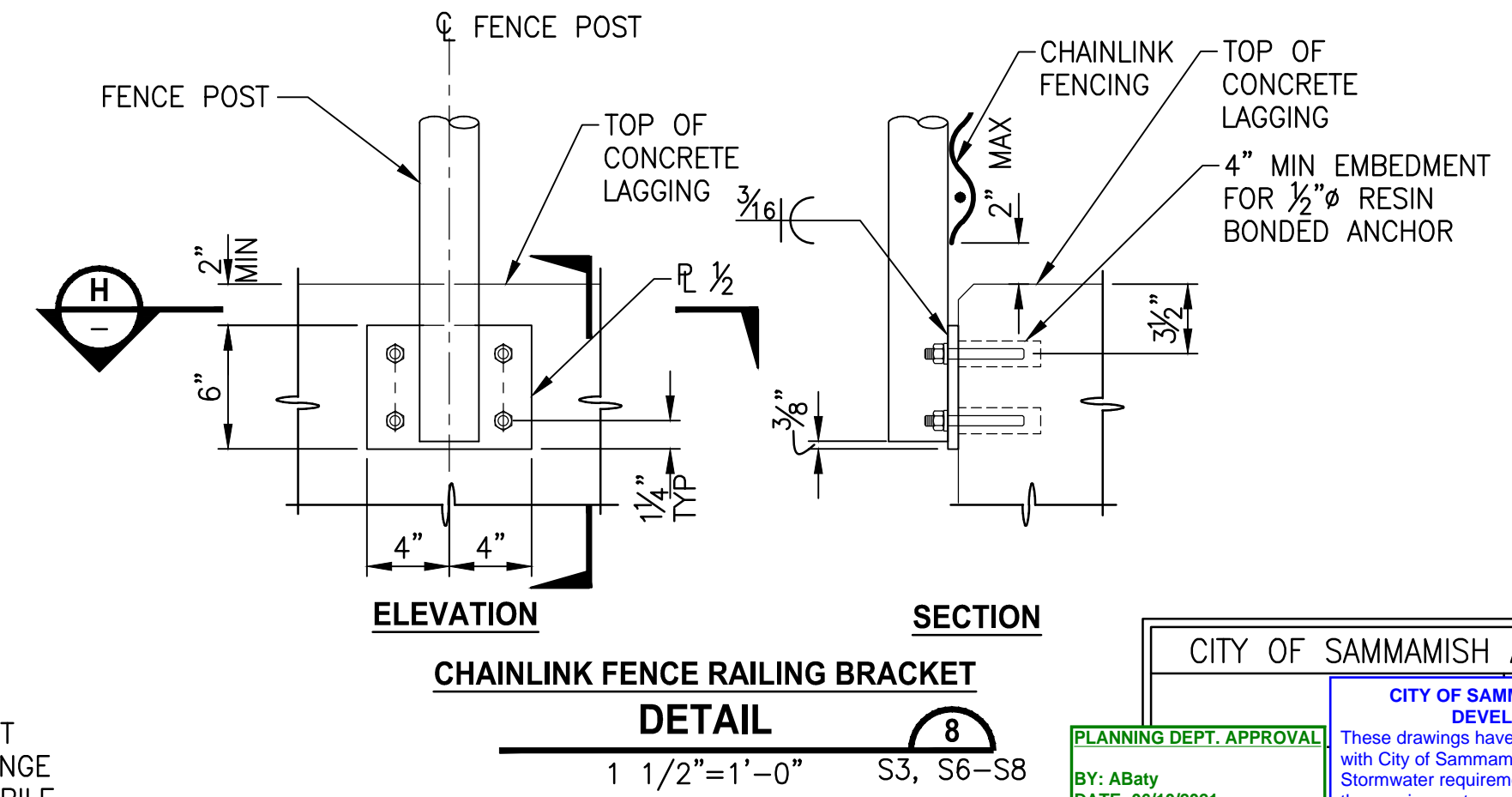
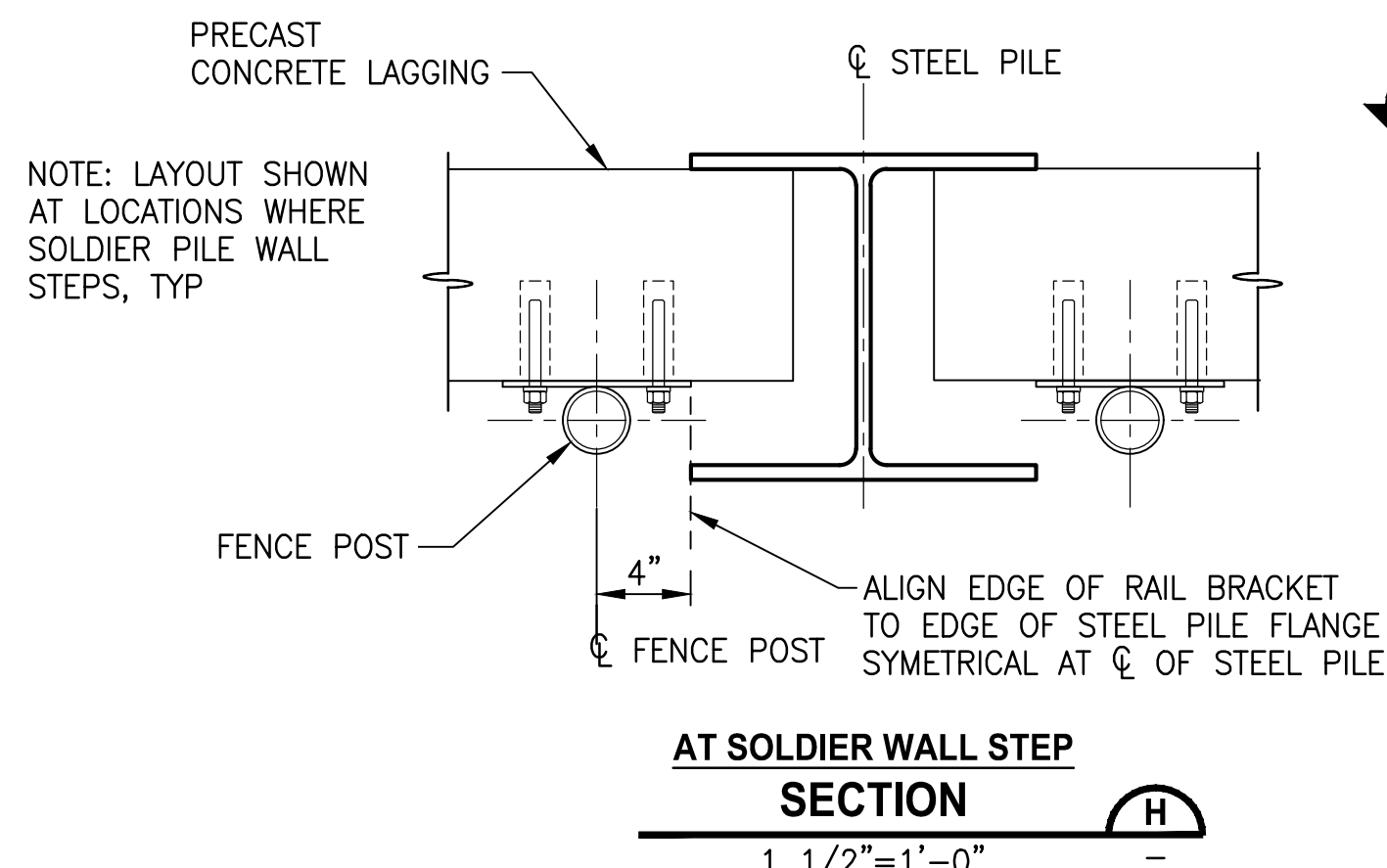
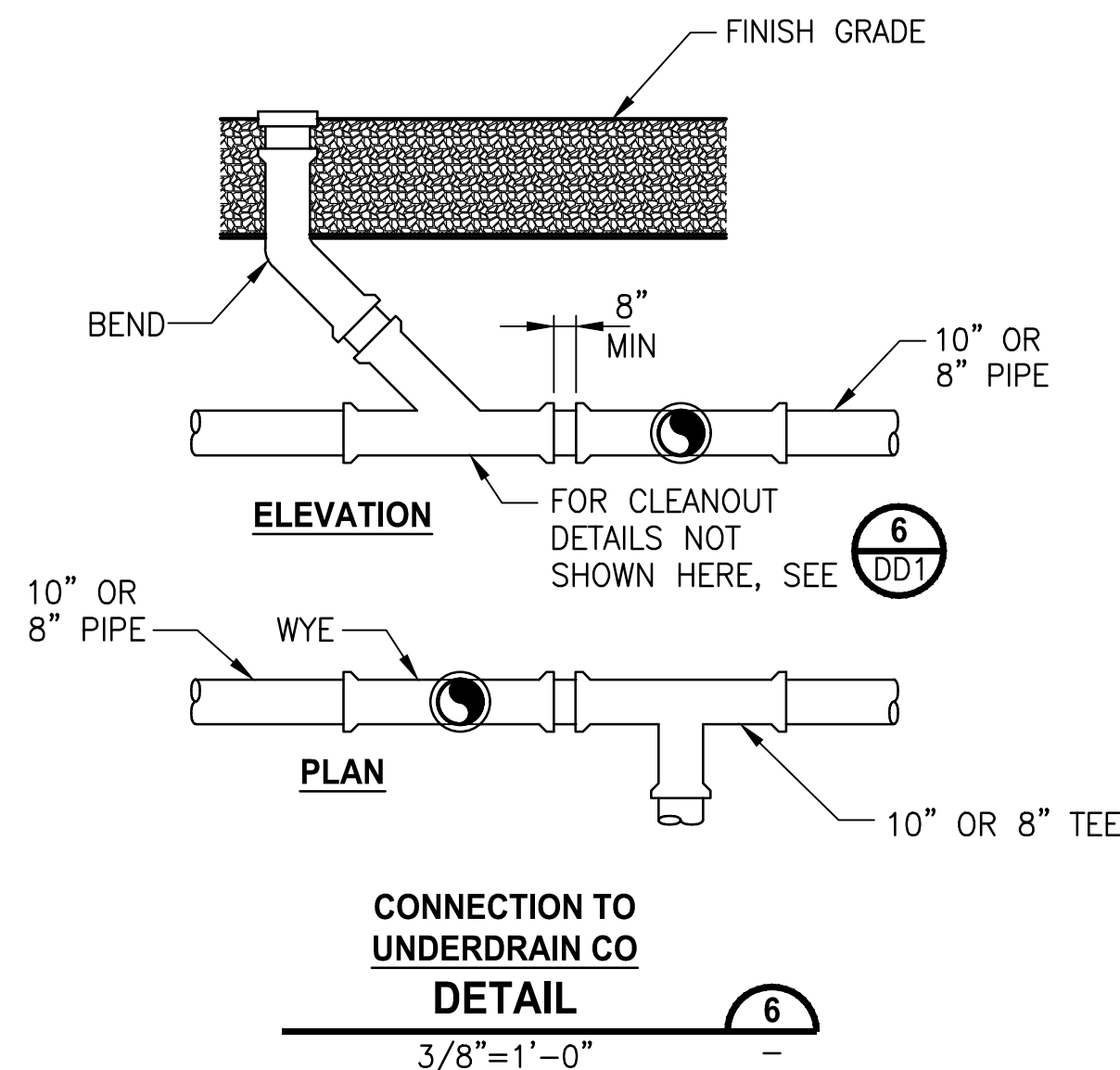
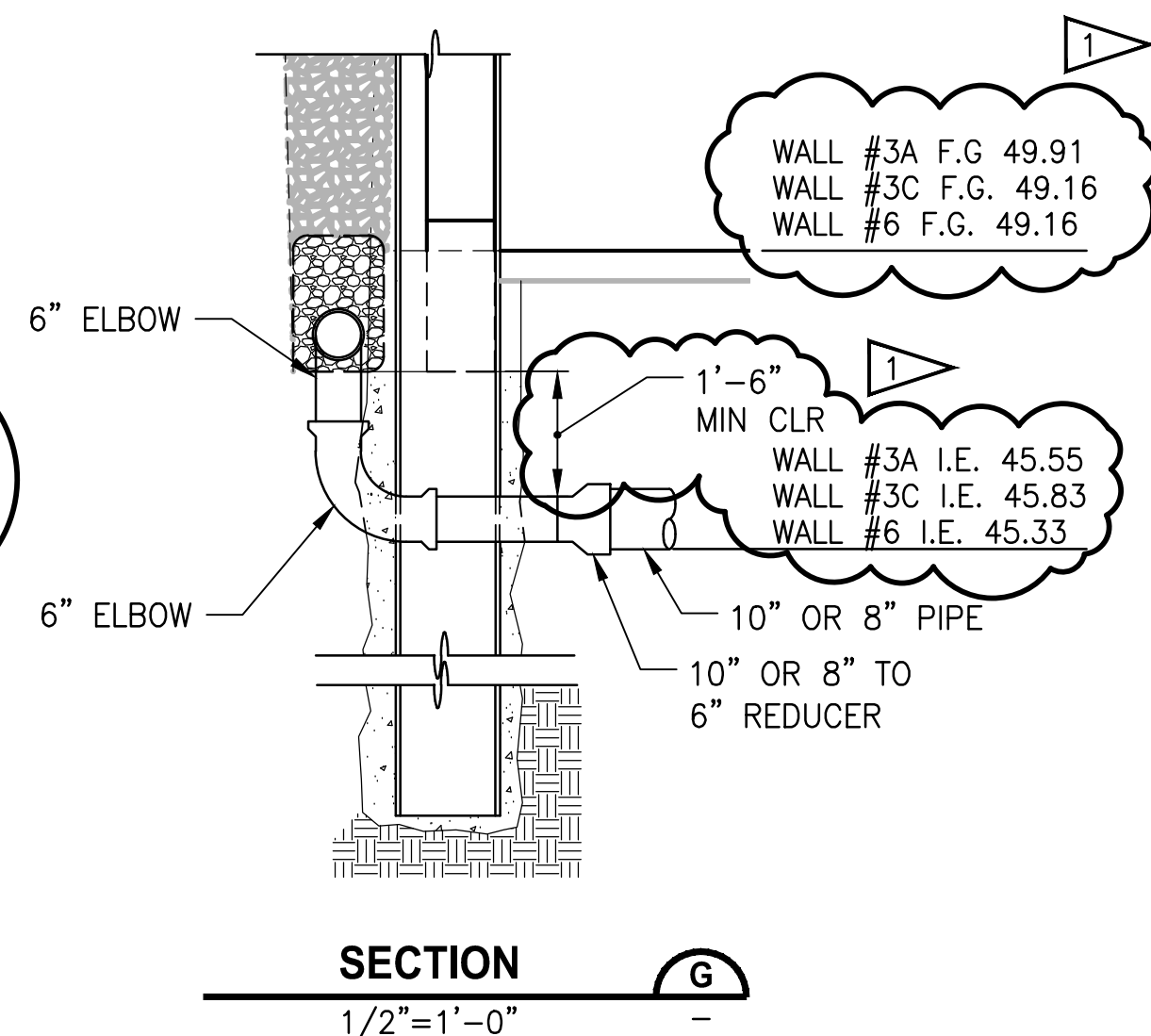
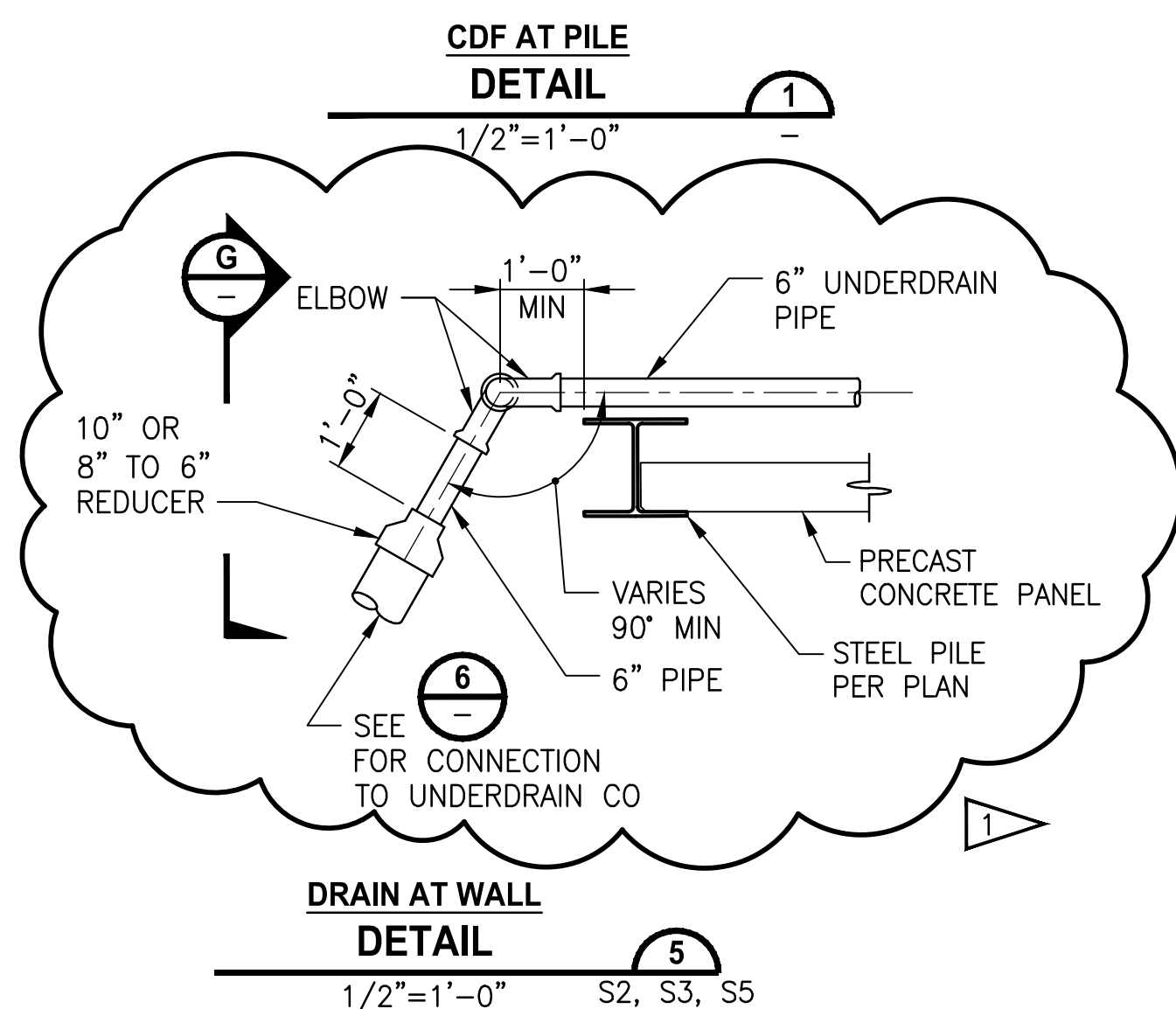
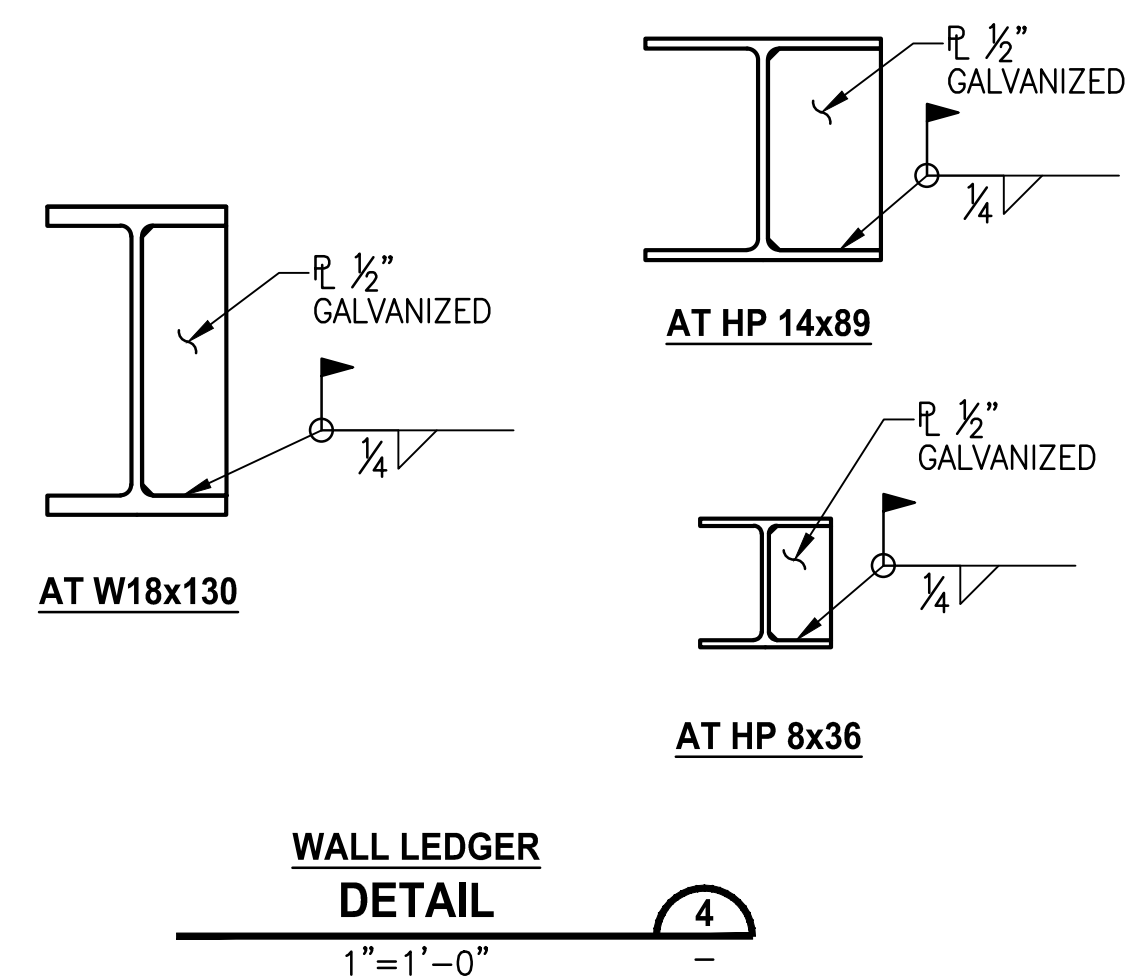
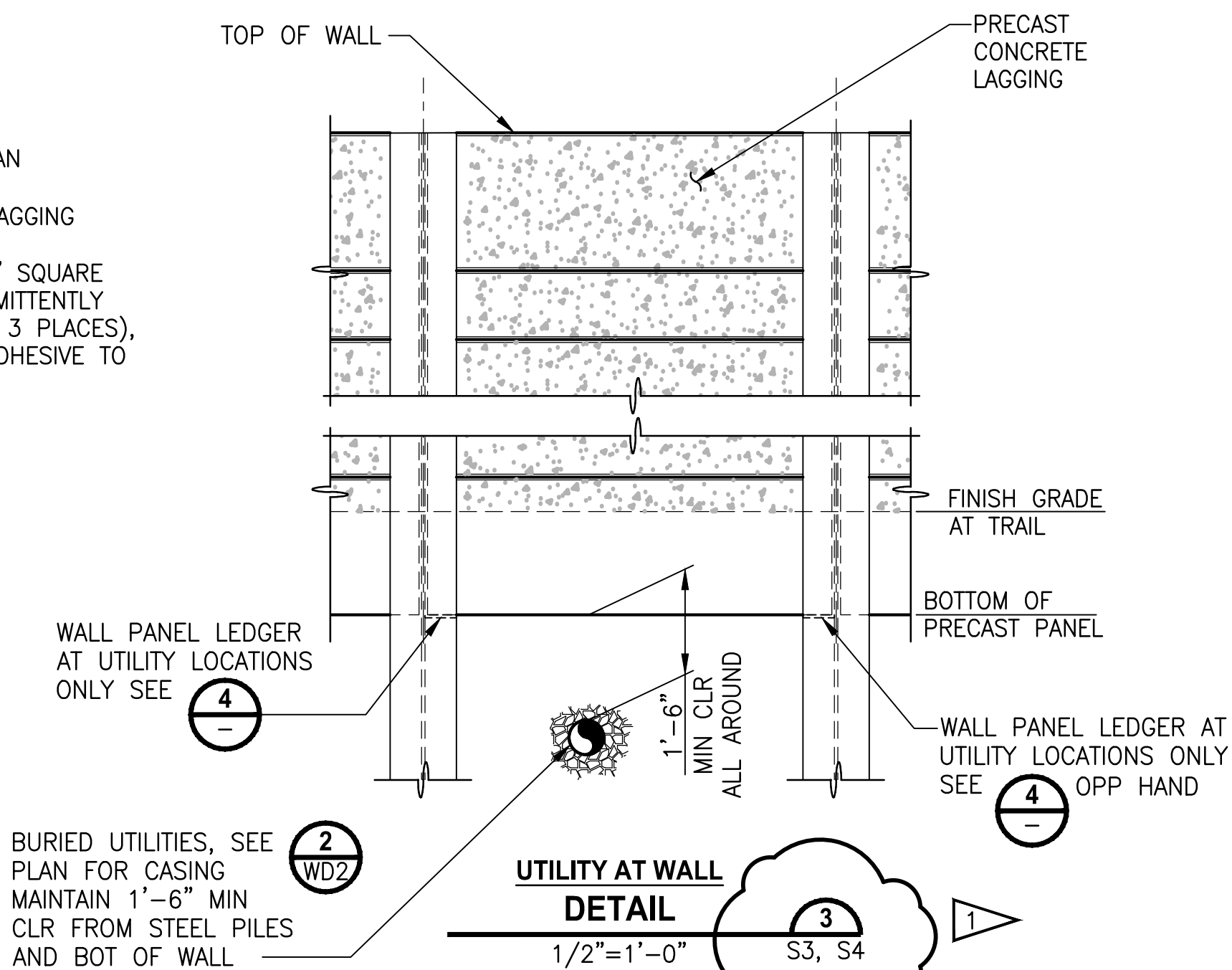
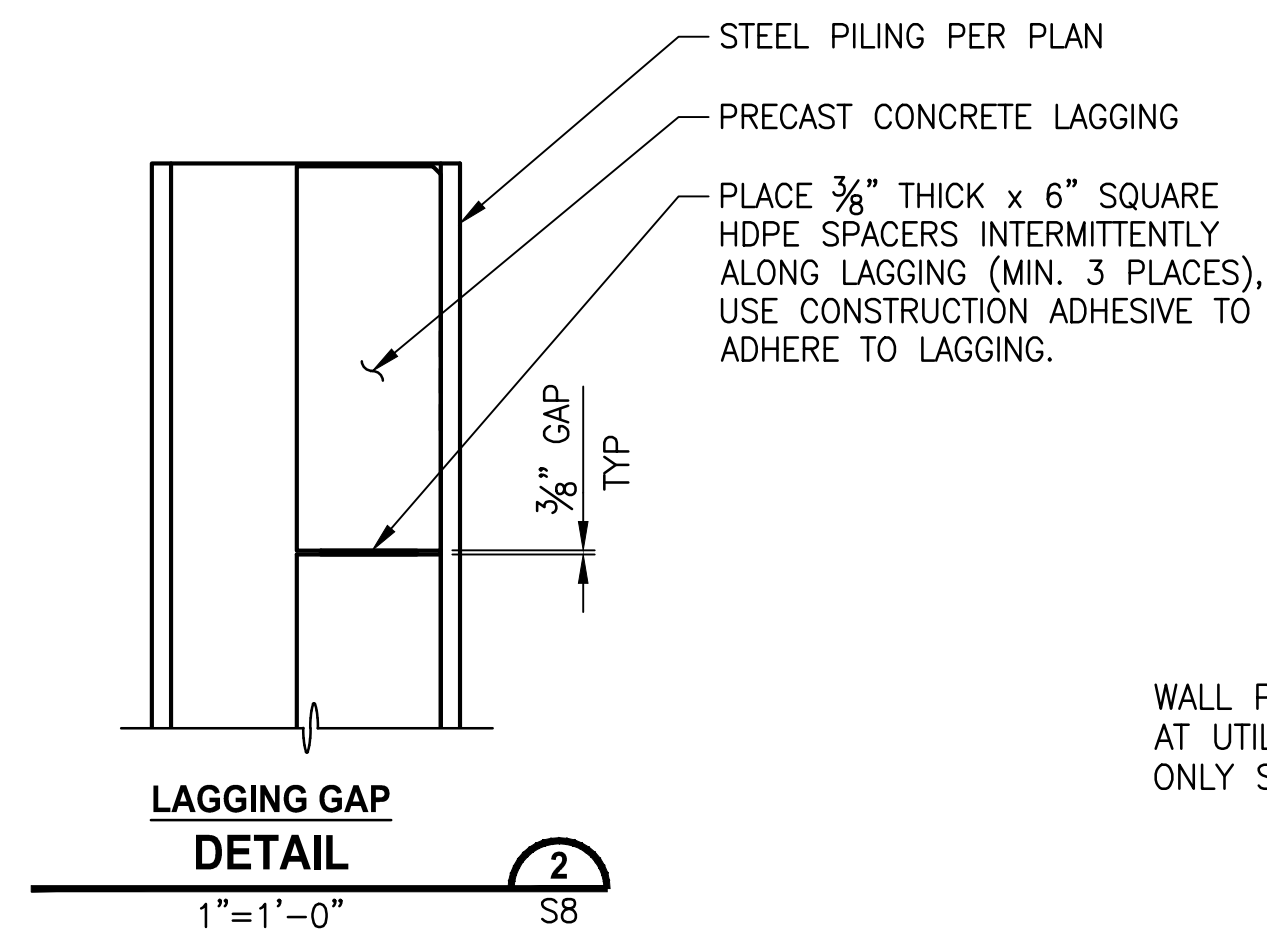
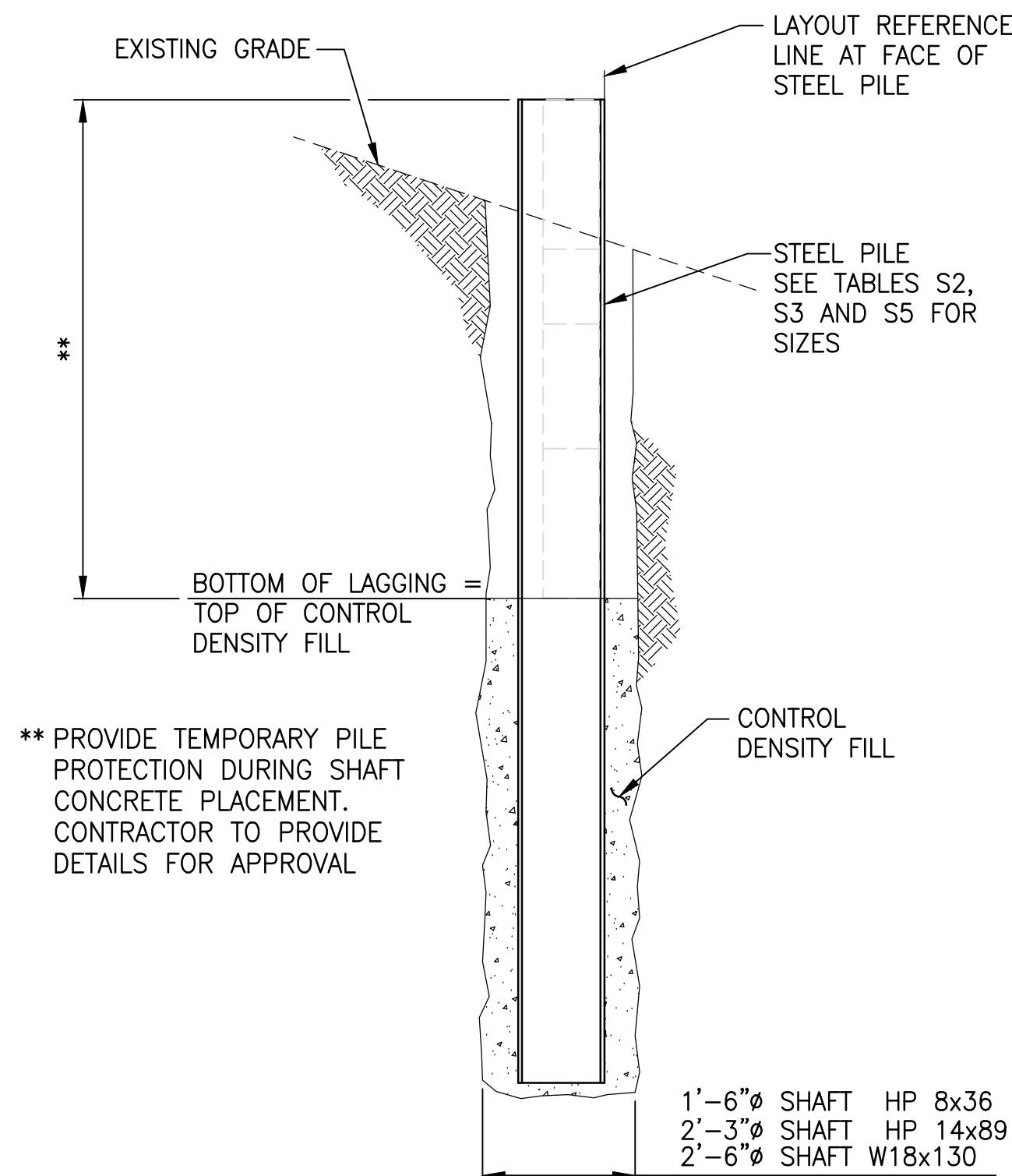
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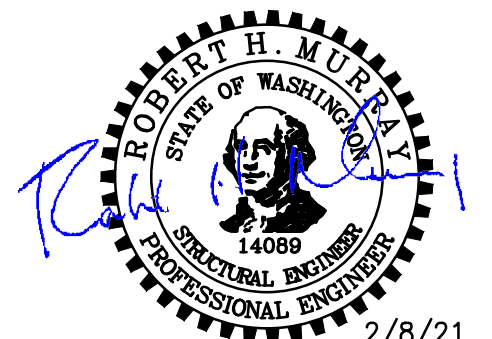


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PROJECT NAME  
**EAST LAKE SAMMAMISH  
MASTER PLAN TRAIL  
SOUTH SAMMAMISH SEGMENT B - PHASE 1**  
SAMMAMISH, WA

**SOLDIER PILE WALL DETAILS**

SHEET NO.  
119 OF 190  
**S9**

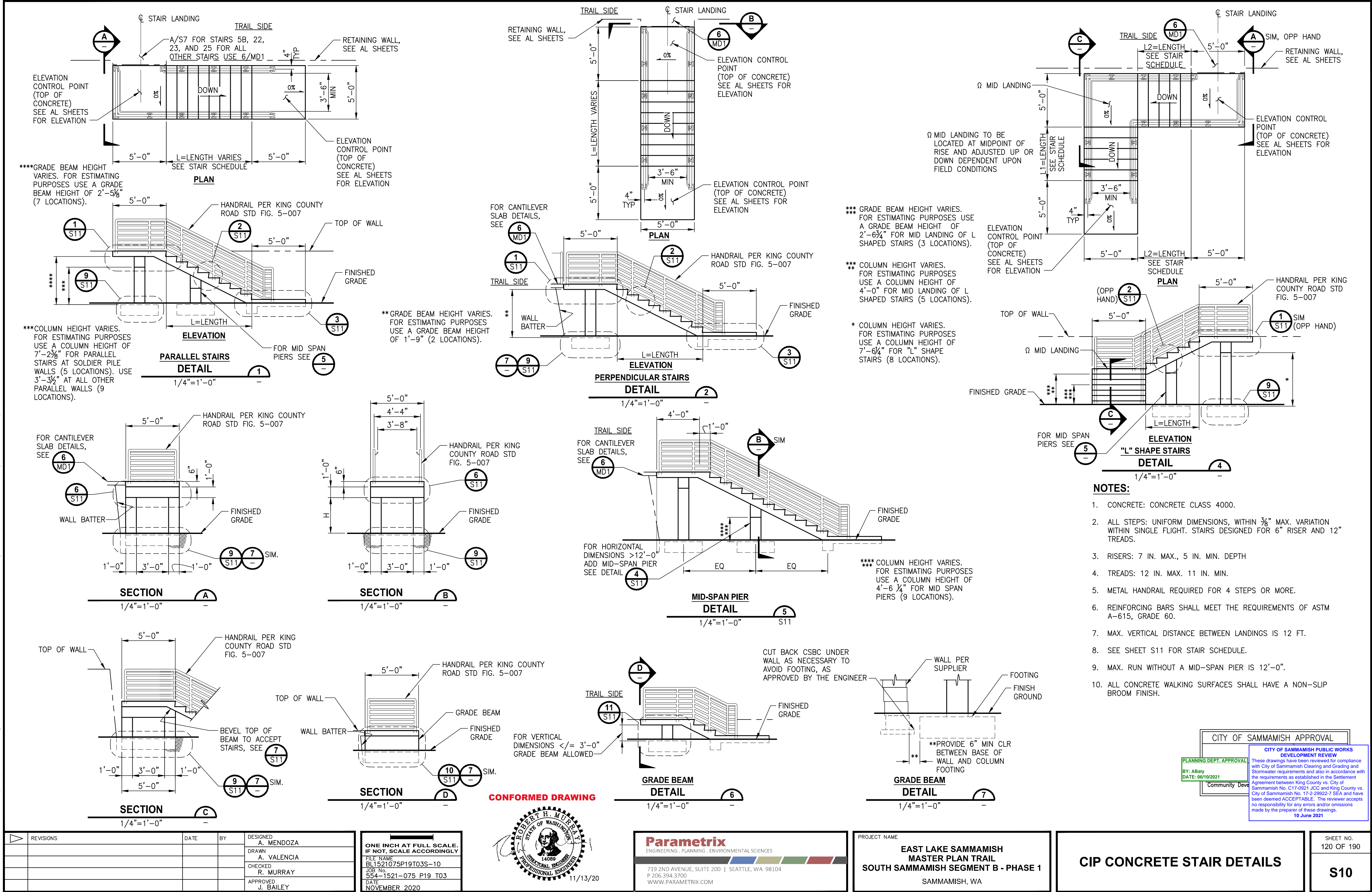
REVISIONS	DATE	BY	DESIGNED
1	ADDENDUM #1	2/8/21	RM
			A. MENDOZA
			A. VALENCIA
			R. MURRAY
			J. BAILEY

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FILE NAME  
BL1521075P19T03S-02  
JOB No.  
554-1521-075 P19 T03  
DATE  
NOVEMBER 2020

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

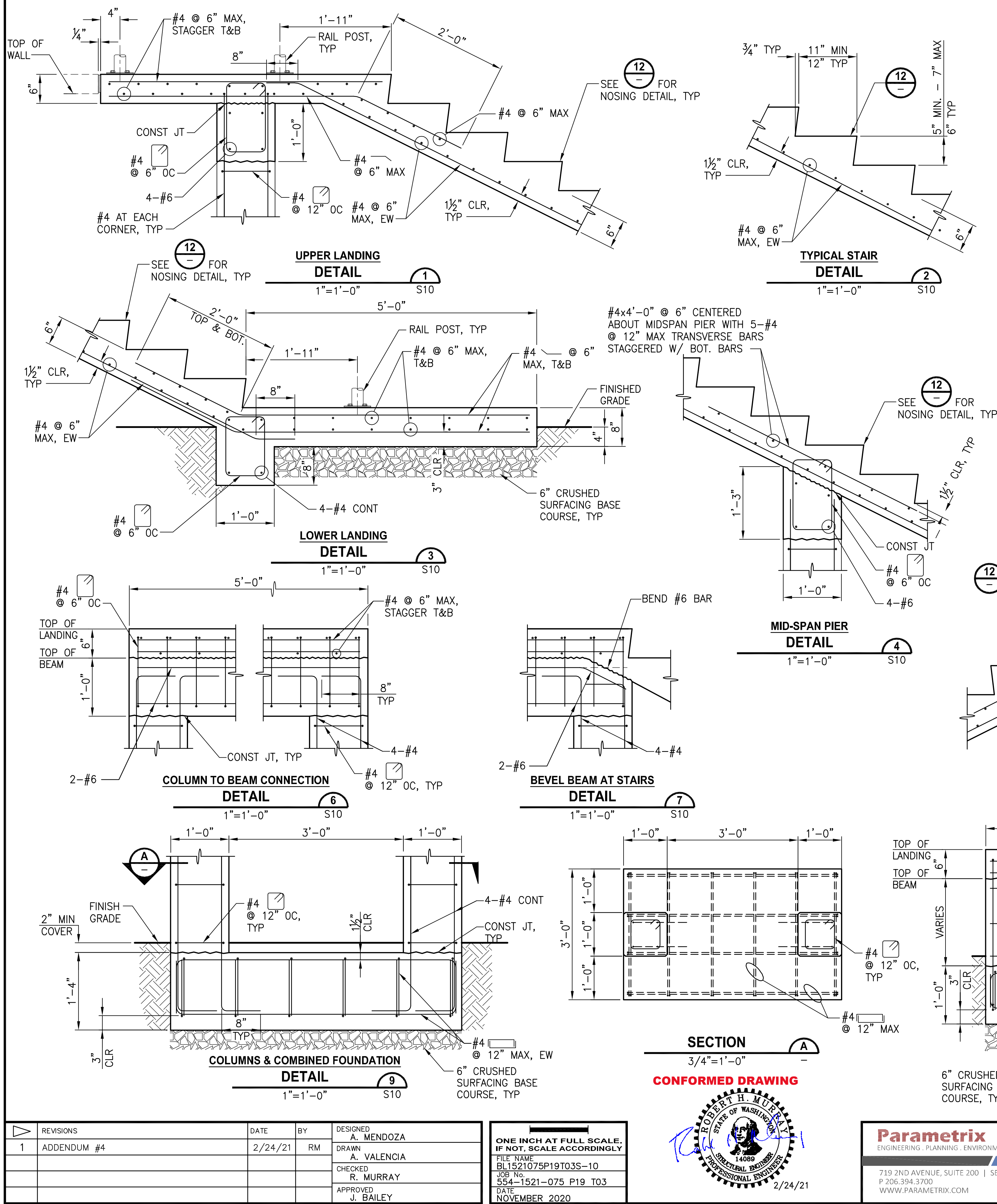


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LAYOUT: S11  
PLOTTED BY: Valencia DATE: Thursday, February 25, 2021 9:30:32 AM



**STAIR SCHEDULE:**  
NOTE: RISER COUNT DOES NOT INCLUDE LOWER LANDING

Stair No.	Type	Number Risers	"L"	Landing Centerline at Trail	Reference Detail	DESCRIPTION
5B	Parallel SP WALL	18	17'	298+00.49	1/S10, 5/S10	Straight with two landings
8	Parallel	8	7'	301+37.82	1/S10	Lake side next to structural earth wall
12	Parallel	6	5'	302+63.00	1/S10, 6/S10	Lake side next to structural earth wall
13	"L"	22	L1=7' L2=13'	306+53.90	4/S10, 5/S10	Lake side next to structural earth wall
14	Parallel	5	4'	307+11.82	1/S10, 6/S10	Lake side next to structural earth wall
15	Perpendicular	4	3'	308+84.40	2/S10, 6/S10	Hill side short run on grade
22	Parallel SP WALL	22	21'	311+75.80	1/S10, 5/S10	Straight with two landings
23	Parallel SP WALL	21	20'	312+16.88	1/S10, 5/S10	Straight with two landings
25	Parallel SP WALL	10	9'	312+74.42	S6, 1/S10, 8/S11	Straight with two landings, one being shared with 26
25A	Parallel	4	3'	312+90.60	1/S10, 6/S10	Lake side next to structural earth wall
26	Parallel SP WALL	11	10'	313+03.42	S5, S6, 1/S10, 5/S10, 8/S11	Straight with two landings, one being shared with 25
26A	"L"	10	L1=5' L2=3'	313+09.96	4/S10, 6/S10	Lake side next to structural earth wall
28	Parallel	2	1'	312+92.71	1/S10, 6/S10	Lake side next to structural earth wall
30	"L"	12	L1=3' L2=7'	314+26.49	4/S10, 6/S10	Lake side next to structural earth wall
32	Parallel	6	5'	317+65.50	1/S10, 6/S10	Lake side next to structural earth wall
35A	Parallel	8	7'	330+19.12	1/S10	On hill side on grade next to SEW wall
43	"L"	13	L1=5' L2=6'	344+14.23	4/S10, 6/S10	Lake side next to structural earth wall
45	Parallel	6	5'	345+86.27	1/S10, 6/S10	Lake side next to structural earth wall
49	Parallel	10	9'	347+26.80	1/S10	Lake side next to structural earth wall
51A	Parallel	7	6'	348+18.92	1/S10	Lake side next to structural earth wall
52	Parallel	9	8'	349+35.34	1/S10	Lake side next to structural earth wall
53	"L"	21	L1=8' L2=11'	348+52.18	4/S10, 5/S10	Hill side next to gravity block wall
55	"L"	19	L1=11' L2=6'	350+19.83	4/S10, 5/S10	Lake side next to structural earth wall
56	"L"	20	L1=13' L2=5'	351+64.19	4/S10, 5/S10	Lake side next to structural earth wall
56A	Perpendicular	3	2'	352+62.32	2/S10, 6/S10	Lake side next to structural earth wall
57	"L"	20	L1=6' L2=12'	350+19.83	4/S10, 5/S10	Lake side next to structural earth wall
58	Parallel	10	9'	357+22.66	1/S10	Lake side next to structural earth wall
59	Parallel	9	8'	358+95.20	1/S10	Lake side next to structural earth wall
60	Parallel	7	6'	360+40.59	1/S10	Lake side next to structural earth wall
63	Parallel	9	8'	373+52.32	1/S10	Lake side next to structural earth wall
64	Parallel	5	4'	375+03.43	1/S10, 6/S10	Lake side next to structural earth wall (extended landing)

**CITY OF SAMMAMISH APPROVAL**

**CITY OF SAMMAMISH PUBLIC WORKS DEVELOPMENT REVIEW**

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